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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING, EXCAVATOR PITTING, GEOLOGICAL MAPPING, AND DIAMOND DRILLING

along the Nadaleen Trend of the

RACKLA GOLD PROPERTY

ACX 1-310, Rau 1-96, Rau 97F-100F, GF 3-4, Q 1-109, RR 1-222,
S 1-1250, T 1-202, T 215-236, T 247-270, T 272, T 274, T 293-322, T 339-374, T 376, T 378,
T 385-426, T 431-472, T 474, T 477-670, T 671-3133, Jam 1-32, Dale 1-12, EN 1-192, IS 1-28,
OS 1-576, OS 641-676, OS 749-770, OS 841-846, OS 913-1076, ST 1-517, Sten 1-142,
SMAC 1-3

NTS 106C/01, 02, 03, 04, 05, 06, 07, 08 106D/01 & 08
Latitude 64°04´N to 64°16´ N; Longitude 134°11´W to 131°54´W

in the
Mayo Mining District,
Yukon Territory

Field work performed from May 26th to August 31st, 2013

prepared by

Archer, Cathro & Associates (1981) Limited

for

ATAC RESOURCES LTD.

by

J. Lane, P.Geo.
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May 2014

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INTRODUCTION

The Rackla Gold Property comprises a 1700 km^2 area of highly prospective, platform to basin facies, sedimentary rocks located along the northern edge of the Tintina Gold Belt at the transition from the Selwyn Basin to the Mackenzie Platform in east-central Yukon Territory. Various commodities have been explored for and discovered both presently and historically within the claim block. Past exploration focused on base metal mineralization, while recently the emphasis has been directed towards gold potential. The property is wholly owned by ATAC Resources Ltd. (ATAC) and is informally divided into the Rau and Nadaleen Trends.

This report describes the work completed, methods used and the results obtained from the 2013 exploration program conducted along the Nadaleen Trend portion of the property between May 26th to August 31st, 2013. Management and labour for the project was provided by Archer, Cathro & Associates (1981) Limited (Archer Cathro) on behalf of ATAC. The authors supervised and participated in the program and interpreted all resulting data. The authors' Statements of Qualifications are listed in Appendix I; while Appendix II provides a Statement of Expenditures related to the program.

PROPERTY LOCATION, CLAIM DATA, ACCESS AND INFRASTRUCTURE

The Nadaleen Trend project of the Rackla Gold Property consists of 5508 contiguous mineral claims located from 64°04´N to 64°16´N latitude and stretching from 134°11´W to 131°54´W longitude on NTS map sheets 106C/01, 02, 03, 04, 05, 06,07, 08 106D/01 & 08 (Figure 1). The claims are all registered with the Mayo Mining Recorder in the name of Archer Cathro, who holds them in trust for ATAC. Specifics concerning claim registration are tabulated below while the locations of individual claims are shown on Figures 2-7.

TABLE I: NADALEEN TREND CLAIM INFORMATION

Claim Name	Grant Number	Expiry Date
AT 1 - 206	YF44251 - YF44456	Apr 28, 2022
BT 1 - 192	YF42501 - YF42692	Apr 28, 2020
Dale 1 - 12	YD08533 - YD08544	Apr 28, 2031
EN 1 - 192	YD01401 - YD01592	Apr 28, 2024
EX 1 - 18	YD72482 - YD72499	Apr 28, 2022
IS 1 - 28	YC99751 - YC99778	Apr 28, 2024
JAM 1 - 32	YD08501 - YD08532	Apr 28, 2022
OS 1 - 14	YD69731 - YD69744	Apr 28, 2022
15 - 36	YD69745 - YD69766	Apr 28, 2022
37 - 50	YD69767 - YD69780	Apr 28, 2022
51 - 78	YD69781 - YD69808	Apr 28, 2022
79 - 92	YD69809 - YD69822	Apr 28, 2022
93 - 126	YD69823 - YD69856	Apr 28, 2022
127 - 140	YD69857 - YD69870	Apr 28, 2022
141 - 576	YD69871 - YD70306	Apr 28, 2022
641 - 676	YD70371 - YD70406	Apr 28, 2024
749 - 770	YD70479 - YD70500	Apr 28, 2024
841 - 846	YD70571 - YD70576	Apr 28, 2024

	913	-	1076	YD70643	-	YD70806	Apr 28, 2024
PH	1	-	22	YE55701	-	YE55722	Apr 28, 2022
RR	1	-	222	YC89701	-	YC89922	Apr 28, 2016
ST	1	-	24	YD26901	-	YD26924	Apr 28, 2028
	25	-	66	YD26925	-	YD26966	Apr 28, 2028
	67	-	86	YD26967	-	YD26986	Apr 28, 2028
	87	-	91	YD26987	-	YD26991	Apr 28, 2028
	92	-	133	YD26992	-	YD27033	Apr 28, 2028
	134	-	153	YD27034	-	YD27053	Apr 28, 2028
	154	-	431	YD27054	-	YD27331	Apr 28, 2028
	432	-	517	YD27332	-	YD27417	Apr 28, 2025
STEN	1	-	20	YC99501	-	YC99520	Apr 28, 2033
	21	-	28	YC99523	-	YC99530	Apr 28, 2031
	29	-	30	YC99531	-	YC99532	Apr 28, 2031
	31	-	38	YC99533	-	YC99540	Apr 28, 2031
	39	-	54	YD08485	-	YD08500	Apr 28, 2031
	55	-	89	YD10405	-	YD10439	Apr 28, 2031
	90			YD10440	-		Apr 28, 2031
	91			YD10441	-		Apr 28, 2031
	92			YD10442	-		Apr 28, 2031
	93			YD10443	-		Apr 28, 2031
	94			YD10444	-		Apr 28, 2031
	95			YD10445	-		Apr 28, 2031
	96			YD10446	-		Apr 28, 2031
	97			YD10447	-		Apr 28, 2031
	98			YD10448	-		Apr 28, 2031
	99			YD10449	-		Apr 28, 2031
	100			YD10450	-		Apr 28, 2031
	101			YD10451	-		Apr 28, 2031
	102	-	104	YD10452	-	YD10454	Apr 28, 2031
	105	-	126	YD10455	-	YD10476	Apr 28, 2031
	127	-	142	YD10477	-	YD10492	Apr 28, 2031
T	1	-	202	YD09731	-	YD09932	Mar 01, 2015
	203	-	214	YD09933	-	YD09944	Mar 01, 2018
	215	-	236	YD09945	-	YD09966	Mar 01, 2015
	237	-	246	YD09967	-	YD09976	Mar 01, 2018
	247	-	270	YD09977	-	YD10000	Mar 01, 2015
	271			YD10001	-		Mar 01, 2018
	272			YD10002	-		Mar 01, 2015
	273			YD10003	-		Mar 01, 2018
	274			YD10004	-		Mar 01, 2015
	275	-	292	YD10005	-	YD10022	Mar 01, 2018
	293	-	322	YD10023	-	YD10052	Mar 01, 2015
	323	-	338	YD10053	-	YD10068	Mar 01, 2018
	339	-	374	YD10069	-	YD10104	Mar 01, 2015
	375			YD10105	-		Mar 01, 2018
	376			YD10106	-		Mar 01, 2015
	377			YD10107	-		Mar 01, 2018

378			YD10108	-		Mar 01, 2015
379	-	384	YD10109	-	YD10114	Mar 01, 2018
385	-	426	YD10115	-	YD10156	Mar 01, 2015
427	-	430	YD10157	-	YD10160	Mar 01, 2018
431	-	472	YD10161	-	YD10202	Mar 01, 2015
473			YD10203	-		Mar 01, 2018
474			YD10204	-		Mar 01, 2015
475	-	476	YD10205	-	YD10206	Mar 01, 2018
477	-	670	YD10207	-	YD10400	Mar 01, 2015
671	-	747	YD22801	-	YD22877	Mar 01, 2015
748	-	1071	YD22878	-	YD23201	Mar 01, 2025
1072	-	1521	YD23202	-	YD23651	Mar 01, 2015
1522	-	2157	YD23652	-	YD24287	Mar 01, 2019
2158			YD24288			Mar 01, 2023
2159			YD24289			Mar 01, 2019
2160			YD24290			Mar 01, 2023
2161			YD24291			Mar 01, 2019
2162			YD24292			Mar 01, 2023
2163			YD24293			Mar 01, 2019
2164			YD24294			Mar 01, 2023
2165			YD24295			Mar 01, 2019
2166			YD24296			Mar 01, 2023
2167			YD24297			Mar 01, 2019
2168			YD24298			Mar 01, 2023
2169			YD24299			Mar 01, 2019
2170			YD24300			Mar 01, 2023
2171			YD24301			Mar 01, 2019
2172			YD24302			Mar 01, 2023
2173			YD24303			Mar 01, 2019
2174			YD24304			Mar 01, 2023
2175			YD24305			Mar 01, 2019
2176			YD24306			Mar 01, 2023
2177			YD24307			Mar 01, 2019
2178			YD24308			Mar 01, 2023
2179			YD24309			Mar 01, 2019
2180			YD24310			Mar 01, 2023
2181			YD24311			Mar 01, 2019
2182			YD24312			Mar 01, 2023
2183			YD24313			Mar 01, 2019
2184			YD24314			Mar 01, 2023
2185			YD24315			Mar 01, 2019
2186			YD24316			Mar 01, 2023
2187			YD24317			Mar 01, 2019
2188			YD24318			Mar 01, 2023
2189			YD24319			Mar 01, 2019
2190			YD24320			Mar 01, 2023
2191			YD24321			Mar 01, 2019
2192			YD24322			Mar 01, 2023

2193	YD24323	Mar 01, 2019
2194	YD24324	Mar 01, 2023
2195	YD24325	Mar 01, 2019
2196	YD24326	Mar 01, 2023
2197	YD24327	Mar 01, 2019
2198	YD24328	Mar 01, 2023
2199	YD24329	Mar 01, 2019
2200	YD24330	Mar 01, 2023
2201	YD24331	Mar 01, 2019
2202	YD24332	Mar 01, 2023
2203	YD24333	Mar 01, 2019
2204 - 2295	YD24334 - YD24425	Mar 01, 2023
2296	YD24426	Mar 01, 2025
2297	YD24427	Mar 01, 2023
2298	YD24428	Mar 01, 2025
2299 - 2341	YD24429 - YD24471	Mar 01, 2023
2342 - 2348	YD24472 - YD24478	Mar 01, 2025
2349 - 2387	YD24479 - YD24517	Mar 01, 2023
2388 - 2397	YD24518 - YD24527	Mar 01, 2025
2398 - 2427	YD24528 - YD24557	Mar 01, 2023
2428 - 2437	YD24558 - YD24567	Mar 01, 2025
2438 - 2467	YD24568 - YD24597	Mar 01, 2023
2468 - 2477	YD24598 - YD24607	Mar 01, 2025
2478 - 2507	YD24608 - YD24637	Mar 01, 2023
2508 - 2517	YD24638 - YD24647	Mar 01, 2025
2518 - 2547	YD24648 - YD24677	Mar 01, 2023
2548 - 2557	YD24678 - YD24687	Mar 01, 2025
2558 - 2570	YD24688 - YD24700	Mar 01, 2023
2571 - 2587	YD11401 - YD11417	Mar 01, 2023
2588 - 2597	YD11418 - YD11427	Mar 01, 2025
2598 - 2627	YD11428 - YD11457	Mar 01, 2023
2628 - 2637	YD11458 - YD11467	Mar 01, 2025
2638 - 2667	YD11468 - YD11497	Mar 01, 2023
2668 - 2677	YD11498 - YD11507	Mar 01, 2025
2678 - 2707	YD11508 - YD11537	Mar 01, 2023
2708 - 2717	YD11538 - YD11547	Mar 01, 2025
2718 - 2747	YD11548 - YD11577	Mar 01, 2023
2748 - 2757	YD11578 - YD11587	Mar 01, 2025
2758 - 2771	YD11588 - YD11601	Mar 01, 2023
2772	YD11602	Mar 01, 2025
2773	YD11603	Mar 01, 2023
2774	YD11604	Mar 01, 2025
2775	YD11605	Mar 01, 2023
2776	YD11606	Mar 01, 2025
2777	YD11607	Mar 01, 2023
2778	YD11608	Mar 01, 2025
2779	YD11609	Mar 01, 2023
2780	YD11610	Mar 01, 2025

2781	YD11611	Mar 01, 2023
2782	YD11612	Mar 01, 2025
2783	YD11613	Mar 01, 2023
2784	YD11614	Mar 01, 2025
2785	YD11615	Mar 01, 2023
2786	YD11616	Mar 01, 2025
2787	YD11617	Mar 01, 2023
2788 - 2807	YD11618 - YD11637	Mar 01, 2025
2808 - 2814	YD11638 - YD11644	Mar 01, 2023
2815 - 2850	YD11645 - YD11680	Mar 01, 2025
2851 - 2858	YD11681 - YD11688	Mar 01, 2023
2859 - 2870	YD11689 - YD11700	Mar 01, 2025
2871 - 2894	YD32901 - YD32924	Mar 01, 2025
2895 - 2902	YD32925 - YD32932	Mar 01, 2023
2903 - 2938	YD32933 - YD32968	Mar 01, 2025
2939 - 2949	YD32969 - YD32979	Mar 01, 2023
2950 - 2957	YD32980 - YD32987	Mar 01, 2025
2958	YD32988	Mar 01, 2028
2959	YD32989	Mar 01, 2025
2960	YD32990	Mar 01, 2028
2961	YD32991	Mar 01, 2025
2962 - 3001	YD32992 - YD33031	Mar 01, 2028
3002 - 3003	YD33032 - YD33033	Mar 01, 2028
3004	YD33034	Mar 01, 2028
3005	YD33035	Mar 01, 2025
3006	YD33036	Mar 01, 2028
3007	YD33037	Mar 01, 2025
3008 - 3049	YD33038 - YD33079	Mar 01, 2028
3050 - 3105	YD33080 - YD33135	Mar 01, 2028
3106 - 3113	YD33136 - YD33143	Mar 01, 2028
3114 - 3125	YD33144 - YD33155	Mar 01, 2028
3126 - 3131	YD33156 - YD33161	Mar 01, 2015
3132 - 3133	YD33239 - YD33240	Mar 01, 2023
WH 1 - 61	YF41901 - YF41961	Apr 28, 2022
Expiry dates include 2013 work which has been filed for assessment credit but not yet accepted.		

The Nadaleen Trend portion of the property lies 170 km northeast of Mayo, the nearest supply centre. The closest road access is to the community of Keno City, situated 49 km by road northeast of Mayo. Access to the project in 2013 was routed via Mayo to the Stewart airstrip or less commonly the Rackla airstrip 180 km and 150 km respectively from Mayo. Alkan Air provided the project's daily service flights with a Cessna 208B Grand Caravan. Large or bulky supplies were brought to the property on Nomad Air's Skyvan or Alkan Air's DH6 Twin Otter. The locations of airstrips and camps are shown on Figure 8.

Daily access to work areas on the project and between the airstrips and camp was provided by Horizon Helicopters using a Eurocopter AS350 SD2 (A-Star). This machine also transferred all supplies into camp from the airstrip and moved the diamond drills between most drill locations.

Fireweed Helicopters supplied a Bell 204 helicopter for positioning the Kubota KX80 on site from Mayo.

HISTORY AND PREVIOUS WORK

Locations of showings and historical work areas referred to in this report can be found on Figure 8.

The earliest recorded exploration on the eastern side of the Rackla Gold Property in the area of the Nadaleen Trend occurred when McIntyre Mines staked the Birkeland claims, then called Tom and Mom, in 1974 approximately 200 km east of Mayo. Mapping, geochemical soil sampling, trenching and the drilling of 10 BQ and 22 Winkie holes were carried out in 1975. The most significant results achieved were 4.4% zinc, 0.5% lead and 2.7 g/t silver over 1.8 m in DDH75-31 (Shearer, 1975). In 1978 McIntyre Mines entered a joint venture with Canadian Superior Exploration Ltd. No further work was reported and the Birkeland claims expired.

In 1976 the Sian claims were staked approximately 37 km southwest of the Birkeland claims by McIntyre Mines following prospecting of geological targets. Mapping, geochemical soil sampling and EM, mag and SP geophysical surveys were carried out in 1977. Gold was tested for in four grab samples; however, results did not exceed the detection limit for gold (Birkeland, 1978). After entering a joint venture with Canadian Superior Exploration, detailed mapping, trenching and sampling was completed in 1979. Results of this work found low grade lead and zinc throughout a folded dolomite unit. One diamond drill hole was completed in 1980 but did not intersect any mineralization. No further work was recommended and in 1982 the Sian property passed to Serem Ltd, after which the claims were voided and no further exploration was reported.

The Highhawk and Leah showings are situated approximately five and ten kilometres from the Sian showing. They occur within the Leah claims which adjoin the Star, Lee and Nod claims. The Leah claims were staked by a syndicate composed of Highhawk Mines Ltd, Envoy Resources Ltd, Sprott Silver Mines Ltd, Hecate Gold Corporation and Bow River Resources Ltd in 1976. The Star claims, which adjoined to the north, were staked by private prospectors and optioned to Prism Resources Ltd in 1977. Mapping and soil geochemical testing completed by Prism in 1977 returned disappointing results and all claims were dropped. The Lee and Nod claims were staked to the south of the Leah claims in December of 1976 and were optioned to Tay River Mines. No work is on record for these claims and they were allowed to lapse.

McIntyre Mines staked the Jam property in 1977, 4.2 km north of its Sian property. Soil and silt sampling in conjunction with mapping later that year found a favorable dolomite breccia host rock with associated zinc and lead sulphide mineralization. No further work was reported and the Jam claims lapsed.

In 1976, the Black, Ida, Red and Eira claims, located approximately 8 km east of the Sian claims, were staked by the Ortell Syndicate (Precambrian Shield Resources Ltd, Giant Yellowknife Mines Ltd, Nemco Resources Ltd and Highwood Resources Ltd). In 1977, the Black and Ida claims were optioned to a joint venture between DeJour Mines Limited and Nova-Co

Exploration Limited (Thompson, 1977). Mapping and geochemical sampling on the Ida claims later that year returned moderately anomalous zinc values, with erratic lead and silver support.

Also in 1977, prospecting and stream sediment sampling carried out on the Eira property by the Ortell Syndicate returned anomalous silver and zinc results, up to 2.4 ppm and 680 ppm respectively (Curry, 1977). This led to more detailed grid soil sampling and geological mapping. This work returned a number of moderate, non-coincident silver, zinc and lead anomalies.

In 2001, the Geological Survey of Canada completed a regional stream sediment sampling program (Heon, 2003), which included coverage of the current Sten claims, in an area now referred to as the Nadaleen Trend. Creeks draining this area returned weak gold and strong arsenic anomalies.

ATAC's initial interest in the area was to follow up anomalous arsenic silt sample collected by the Geological Survey of Canada in 2001. Over a three day period in 2009, 89 stream sediment, 1 rock and 9 soil samples were collected on the Sten claims. These samples returned a string of moderately to very strongly anomalous results ranging from 12 to 1775 ppb gold and 123 to 155,000 ppm arsenic (Eaton, 2010). As a result, additional claims were staked by ATAC.

Follow-up prospecting of the anomalous creek in the summer of 2010 led to the discovery of in situ gold mineralization occurring within a folded, deformed carbonate horizon now referred to as the Osiris Zone. A follow up soil grid consisting of 50 m line spacing and 50 m sample spacing was conducted over this carbonate horizon. Results from the soil grid yielded four distinct gold anomalies known as Osiris, Conrad, Isis and Isis East.

Drilling in the fall of 2010 defined three gold bearing zones (Lane, 2011). The Osiris Zone returned the most significant gold grades yielding 65.20 m of 4.65 g/t Au in OS-10-01. Five more holes were drilled within the Osiris Zone with all but one (OS-10-05) intersecting significant gold mineralization. The Conrad Zone, one kilometer to the east was drilled to target a gold bearing trench. Assay results from this hole included 8.03 g/t Au over 21.13 m in OS-10-08. A second hole drilled in the Conrad Zone intersected arsenic sulphide mineralization in a siliciclastic package (OS-10-09) with an average gold grade of 1.61 g/t over 39.76 m. Drilling in the Isis Zone (OS-10-07) one kilometer west of Osiris returned comparatively lower, albeit anomalous, gold grades averaging 0.92 g/t over 17.00 m (Lane, 2011).

In 2011 ATAC carried out an extensive drill program at the Osiris, Isis East and Conrad Zones as well as testing of pathfinder geochemical anomalies at the Isis East, Amon, Dale, Ptah and Pyramid Zones, for a total of 26,675 m of diamond drilling in 89 holes (Lane and Carne, 2012). Mapping during the 2011 season in the Nadaleen trend continued to refine stratigraphic and structural interpretations and correlations, while sampling and prospecting identified geochemically anomalous ground.

In addition to drilling and sampling, an airborne magnetic and radiometric geophysical survey flown over the Pyramid target defined broad, curvilinear lineaments trending east-southeast reflecting the general trend of lithologies and structures in the area. Remote sensing data was also collected over the course of the season to provide property wide, ortho-rectified satellite imagery and high resolution contours with low level aerial photos over the central Osiris area targets.

In 2012, ATAC continued their exploration of the Rackla Gold Project with another extensive drill and regional program. Soil sampling prospecting and mapping identified geochemically anomalous areas which led to the discovery of gold mineralization at the Pharaoh and Anubis Zones, in addition to a strong alteration zone at GT (Lane, et al. 2013). Drilling totaled 36,920 m in 116 holes at the Conrad, Osiris, Isis, Isis East, Sunrise, Pyramid, Anubis and GT zones of which 70 holes returned significantly mineralized intersections.

GEOMORPHOLOGY AND CLIMATE

The Rackla Gold Property stretches 185 km from east to west in the Selwyn and Werneke Mountains and is drained by creeks that flow into the Nadaleen, Rackla, Stewart and Beaver Rivers, all part of the Yukon River watershed. Local topography varies from low forested valleys to alpine terrain and features east-west to northwest trending glaciated valleys and ridges. Elevations range from about 600 to 2000 m above sea level. Outcrop is most abundant near ridge crests and in actively eroding creek beds. Most hillsides are talus covered at slope breaks and are blanketed by glacial till at lower elevations. The region was glaciated in the Late Pleistocene, 22,000 years ago (Duk-Rodkin, 1999) with ice flow from east to west.

Treeline in the vicinity of the project is at about 1500 m. Slopes above that elevation, especially steep north facing slopes are unvegetated. Moderately steep, south facing slopes are well drained and are often lightly forested with poplar. The density and size of vegetation gradually increases on lower slopes, and the valley floors are well treed with mature black spruce. Understory vegetation typically consists of low shrubs and moss.

The climate in the Nadaleen Trend area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Although summers are relatively mild, arctic cold fronts often cover the area and snowfall can occur in any month. The property is mostly snow free from early June through late September.

REGIONAL GEOLOGY

The Geological Survey of Canada performed geological mapping in the vicinity of the Rackla Gold Property at 1:250,000 scale in the early 1970s (Blusson, 1974). In 1999, the Geological Survey of Canada (Gordey and Makepeace, 1999) completed a compilation of Yukon-wide geology and updated the lithological units named in the Rackla area. The Yukon Geological Survey conducted mapping on 106C/03 and 106C/04 1:50,000 map sheets in 2010 and 2011 (Colpron, 2012; Chakungal and Bennett, 2010), completed map sheets 106D1, 106C1-4 in 2012 (Colpron et. al., 2013) and revised map sheet 106B/04 in 2013 (Moynihan, 2014).

The Rackla Gold Property straddles the boundary between deep water dominantly clastic rocks of the Selwyn Basin to the south and shallower water shelf strata of the Mackenzie platform to the north. The Dawson Fault, which juxtaposes rocks of Selwyn Basin against rocks of Mackenzie Platform, is a crustal break that may date back to late Neoproterozoic rifting and was reactivated as a north directed thrust in the Cretaceous (Macdonald et. al, 2010). The tectonic setting of the Rackla Gold Property is shown in Figure 9, while regional relationships and the importance of the Dawson Fault system are presented in Figure 10.

Recent mapping by the Yukon Geological Survey has refined the Proterozoic to Paleozoic sedimentary stratigraphy underlying the Nadaleen Trend (Figure 11). A description of this revised mapping is described below, with Proterozoic to Lower Cambrian rocks described in Table II and Paleozoic rocks in Table III.

TABLE II: PROTEROZOIC TO LOWER CAMBRIAN ROCKS ALONG THE NADALEEN TREND

<table>
<tr><th>REGIONAL LOCATION</th><th>AGE</th><th>REGIONAL UNIT NAME</th><th>COMMENTS</th></tr>
<tr><td>North of Kathleen Lakes fault</td><td>Proterozoic</td><td>Correlative with Rapitan Group.</td><td rowspan="2"></td></tr>
<tr><td>Hanging wall (south) of Dawson Thrust fault.</td><td rowspan="2">Neoproterozoic to Cambrian</td><td>Hyland Group (Yusezyu, Algae &Narchilla Formations) and Gull Lake Formation</td></tr>
<tr><td>Between Kathleen Lakes and Dawson Thrust faults</td><td>Nadaleen and Stenbraten Assemblages, Hyland Group (Algae and Narchilla formation) & unnamed Cambrian siltstones and limestones.</td><td>Nadaleen and Stenbraten Assemblages may be correlative with Windermere Supergroup rocks.</td></tr>
</table>

TABLE III: PALEOZOIC ROCKS ALONG THE NADALEEN TREND

FACIES	AGE	ROCK TYPE
Off Shelf Rocks	Ordovician to Lower Permian	Black shale of the Road River Group
	Ordovician to Silurian	Limestone
	Middle Devonian	Limestone
	Middle Devonian to Lower Mississippian	Shale of the Earn Group
	Mississippian to Lower Permian	Clastic rocks
Platform Rocks	Upper Cambrian to Devonian (?)	Limestone and Dolostone

To date, mineralization along the Nadaleen Trend has dominantly been discovered between the Kathleen Lakes and Dawson Thrust Faults.

NADALEEN TREND - PROPERTY GEOLOGY

Property scale and more detailed, zone specific geologic mapping continued along the Nadaleen Trend during the 2013 field season; with attention focused on areas of interest identified during 2012 geochemical sampling and prospecting. Mapping was also extended to previously unmapped ground to the east of Conrad. The distribution of lithologies and regional scale structures defined during this mapping program are shown on Figure 12.

Lithologies have been divided into three groupings: Paleozoic Rocks, Neoproterozoic - Cambrian rocks and Neoproterozoic Rocks. Descriptions of each of these are provided below.

Paleozoic Rocks – Thought to be equivalent to Earn Group, they are exposed from the Pyramid Zone to just south and west of Nadaleen Camp. This group has been subdivided into four lithologically distinct map units:

- **Pz4:** Thinly bedded, dull grey-brown weathering siltstone interbedded with shale and minor fossiliferous limestone.

- **Pz3:** Fossiliferous (locally described as 'fossil hash'), medium- to coarse-grained, calcareous and moderately calcareous wackestone interbedded with shale, calcareous siltstone and minor chert. Fossil fragments include shelly bits, crinoids and bryozoa.

- **Pz2:** Well bedded, carbonaceous and argillaceous chert interbedded with carbonaceous shale, siltstone, and lesser amounts of chert pebble conglomerate and minor sandstone that may locally be calcareous. Grades into fossiliferous, micritic limestone.

- **Pz1:** Pale grey weathering, micritic limestone interbedded with thick debrite packages and carbonaceous chert. Includes fossils of favocites, halycites(?) rugose coral, crinoids, brachiopods, bryozoa and possibly sponges. In the Dale target area this unit is silicified and brecciated. Limestone outcroppings at Pyramid, Dale and south of the twin peaked mountains are fossiliferous, medium- to coarse-grained wackestone with fossil fragments including shelly bits crinoids and bryozoa.

Neoproterozoic to Cambrian Rocks - may in part be equivalent to the Hyland Group and Windermere Supergroup. This stratigraphy is exposed across the entire length of the map area. It is divided into ten lithologic map units as follows:

- **phy:** Maroon and turquoise-green phyllites and siltstones interbedded with rosy pink limestone (at the Sian Target), and/or invariably calcareous, green weathering sandstones.

- **dol:** Zebra textured dolostone locally with chert lenses.

- **xlst(a):** Very dark grey/black, coarsely crystalline limestone. Often associated with beds of polymict floatstone containing clasts of orange weathering dolostone, limestone, rounded quartz pebbles and minor shale, particularly near the base of the unit. 'Beef' textured calcite layers are common, particularly in outcrops near the Nadaleen camp. Graded calcite cemented pebble conglomerate to sand layers are very distinctive in the Osiris area. Larger quartz clasts can be quite angular. In drill core the xlst unit is differentiated into three units: O-LST2 and C-LST2 and C-LST1 based on contact and faulted relationships - this variant is equivalent to **O-LST2**

  - **Odmt:** Limestone pebble to boulder conglomerate, predominantly matrix supported with debrite texture. Clasts vary from centimetre to metre scale and comprise limestones that are markedly similar to the limestone and siltstones described below. Matrix composition is variable comprising non to weakly calcareous green siltstone and shale and/or variably crystalline limestone.

  - **Odst**: Fine grained dolostone, texturally similar to Osiris Limestone unit below, with subtle grey-black crackle texture throughout.

  - **Olst**: Well bedded, tan and grey limestone preserving sedimentary structures (ie. climbing ripples, cross bedding). Monolithic, intraclast rudstone layers, averaging 0.5-2 metres thick, are common throughout the unit, particularly in upper sections. They consist of randomly oriented to imbricated, tabular to equant clasts in a carbonate mudstone matrix. Clast composition is almost exclusively the same as the enclosing carbonate mudstones. Where in contact with underlying maroon siltstones, the limestone is characteristically orangey-tan weathering vs. light grey weathering where underlying siltstones are green. Lower in the section, the limestone includes interbedded calcareous and non-calcareous lithic and arkosic sandstones. *Turner, 2012 suggests that this unit and the underlying maroon siltstone may be correlative with Mesoproterozoic, <1.3 Ga; >1.0 Ga, Pinguicula Units B and A respectively.* Total thickness of this limestone/dolostone package at Osiris/Isis East averages 150 m.

  - **Oslt**: Maroon and green siltstone, finely laminated. This unit is generally identified by its proximity to the overlying Osiris limestone. It is referred to as the Osiris maroon siltstone or mudstone in Osiris/Conrad area.

  - **xlst(b):** Very dark grey/black, coarsely crystalline limestone thickly bedded with rare debrite clasts. 'Beef' textured calcite layers are common. In drill core the xlst unit is differentiated into three units: O-LST2 and C-LST2 and C-LST1 based on contact and faulted relationships - this variant is equivalent to **C-LST2.**

  - **Cgl,lst:** Limestone conglomerate that may be more adequately described as a debrite. Clasts vary from centimetre to metre size and are compositionally siliar to the overlying crystalline limestone.

  - **slt:** Green-grey siltstone and shale interbedded with fine- to medium-grained sandstone, lesser calcareous sandstone, minor limestone and limestone debrites.

  - **sst,cgl:** Well sorted, coarse grained, quartz granular sandstone to pebble conglomerate.

- **xlst(c):** light grey weathering, silty laminated clastic micritic limestone. 'Beef' textured calcite layers are common in addition to wispy fine grained quartz layers. In drill core the xlst unit is differentiated into three units: O-LST2 and C-LST2 and C-LST1 based on contact and faulted relationships - this variant is equivalent to **C-LST1.**

<u>Neoproterozoic Rocks</u> - possibly equivalent to Windermere Supergroup as suggested by the Yukon Geological Survey. These rocks are exposed to the north and east of Nadaleen Camp and may also be exposed in the hills immediately east of the Dale target area. In the Osiris area they are locally called Nonad (North of Nadaleen fault). This package is divided into five lithologic map units as follows:

- **N5:** Finely laminated, grey-green limestone interbedded with 'beef' textured calcite and minor siltstone, particularly proximal to the contact with limestone.
- **N4:** Grey weathering shale and minor siltstone.
- **N3:** Grey weathering, fine grained sandstone interbedded with siltstone. This may be part of the coarse-grained sandstone/conglomerate unit described next.
- **N2:** Orange-brown weathering, well bedded, fine-to coarse-grained sandstone interbedded with grey/blue quartz granular sandstone and /or quartz pebble conglomerate. Quartz clasts are most commonly rounded.
- **N1:** Chlorite green siltstone and shale interbedded with orange weathering, coarse-granular quartz and chert pebble sandstone and conglomerate. This unit is polydeformed and has a well-developed cleavage.

It is believed that the Nadaleen Trend area underwent extensive deformation as part of a Mesozoic to early Cretaceous fold and thrust event, followed by a transition into a probable strike slip regime. Two major regional structures transect the property: the Dawson Thrust and the Kathleen Lakes Faults. The Dawson Thrust, historically described as defining the northern edge of Selwyn basin, places Precambrian Hyland Group rocks over Paleozoic shelf carbonates as part of Jurassic to Cretaceous compressional tectonics. This fault is likely a much older structure, possibly dating back to Precambrian rifting that was reactivated during compression.

The Kathleen Lakes Fault marks the contact between Paleozoic platform rocks to the north and Paleozoic shelf to basin rocks to the south in the western part of the property. Both the Dawson Thrust Fault and Kathleen Lakes Faults are more difficult to trace to the east as they move into broad valleys covered by a thick layer of glacial till. The Nadaleen Fault near the eastern end of the property appears to be a splay off the Kathleen Lakes Fault.

The prevalence of debrite and turbidite facies within almost all units, along with the highly variable stratigraphic thicknesses of units provides strong evidence for long lived syn-sedimentary tectonism.

Locally, stratigraphic relationships between the mapped units in the Osiris area have been determined. This stratigraphic column is shown in Figure 13. Detailed geologic maps for the Osiris and Anubis areas are represented in Figures 14 and 15.

MINERALIZATION

The focus of exploration along the Nadaleen Trend is for carlin-style gold mineralization. Carlin-type deposits have been reported around the world, but to date, major economic occurrences have been restricted to the Great Basin of the southwestern United States. Recent discoveries along the Nadaleen Trend have many characteristics of Carlin-type deposits, and hold promise of great potential for new discoveries of economic importance (Arehart et al., 2013).

Carlin-style deposits are characterized as sediment-hosted micron-scale gold hosted within disseminated arsenian pyrite (Arehart, 1996). The deposits are typically found as replacement bodies in silty-carbonates within slope and basinal facies and have both structural and stratigraphic controls with a strong relationship to deep seated crustal-scale structures (Cline et al., 2005; Muntean et al., 2011). Carlin-style fluids are typically weakly acidic, resulting in the dissolution of carbonate which is followed in the mineralization process by precipitation of quartz and gold-bearing arsenian pyrite and trace metal enrichments of As-Sb-Hg-Tl (Muntean et al., 2011). Permeability is the key factor controlling the distribution of alteration and mineralization and features that control it include primary fluid conduits, such as fault and shear zones, as well as stylolites, veinlets and fold hinges (Tucker et. al., 2013).

Along the Nadaleen Trend, carlin-style mineralization has been drill-proven at the Osiris, Conrad, Sunrise, Isis, Isis East, and Anubis Zones. Gold mineralization is best developed within limestone sequences where alteration, characterized by decalcification occurs in association with realgar mineralization peripheral to calcite flooding. Mineralization hosted within non-calcareous rocks generally occurs within brittle fractures and is directly associated with fault breccia and/or intense fracture development.

SOIL, SILT AND ROCK GEOCHEMISTRY

GENERAL

The goal of the 2013 geochemical sampling program along the Nadaleen Trend was to locate new mineralized occurrences and define locations requiring more detailed follow-up work. In total, samplers collected 2123 rock, 9 silt and 7892 soil samples. Soil sampling was mainly focused between the Pyramid and Osiris target areas of the Nadaleen Trend, with some work done in the less explored, low lying ground that lies between the Rau and Nadaleen Trends. Prospecting work focused on following up of geochemical anomalies generated in both during previous sampling programs as well when results of the ongoing work became available. Hand and excavator pit sampling helped to refine these geochemical targets.

Figures outlining the location and results of soil and silt samples are located in Figures 16-52. Rock sample locations are located in Figures 53-64 while rock sample results are located in Figures 65-73. Sampling and analytical procedures are explained in Appendix III; rock sample descriptions are provided in Appendix IV; and certificates of analysis occur in Appendix V.

Background and anomalous values for gold, silver, arsenic, antimony, mercury, thallium, lead and zinc were calculated for all soil samples collected in the Nadaleen Trend between 2011 and 2013. Background, average, weak, moderate, moderately strong and strongly anomalous thresholds approximately correspond to the 80th, 90th, 95th, 98th and 99th percentiles from these samples. The geochemical characteristics of the soil and silt samples are summarized in the following tables.

TABLE IV: 2011-2013 NADALEEN TREND SOIL SAMPLES THRESHOLDS

Thresholds	Au (g/t)	Ag (g/t)	As (ppm)	Hg (ppm)	Sb (ppm)	Tl (ppm)	Pb (ppm)	Zn (ppm)
Background	0.005	0.48	48.3	0.38	1.75	0.32	31.1	202
High Background	0.007	0.92	103.5	0.74	3.06	0.53	44.2	320
Anomalous	0.010	1.49	202.0	1.37	5.30	0.86	66.7	518
Moderately Anomalous	0.015	2.48	473.0	2.94	10.65	1.74	120.0	953
Strongly Anomalous	0.021	3.47	836.0	5.61	18.27	2.96	190.7	1403
Peak Value	18.2	184	11,700	331	1560	230	34,700	37,900

TABLE V: 2011-2013 NADALEEN TREND ROCK SAMPLES THRESHOLDS

Thresholds	Au (g/t)	Ag (g/t)	As (ppm)	Hg (ppm)	Sb (ppm)	Tl (ppm)	Pb (ppm)	Zn (ppm)
Background	0.01	1.0	475	5.0	9.78	1.78	52.4	561
High Background	0.05	2.1	1655	21.6	36.80	3.93	217	1840
Anomalous	0.18	5.9	4440	94.1	107.25	8.09	1037	5830
Moderately Anomalous	0.77	26.0	16,720	728.2	529.60	18.78	7886	46,420
Strongly Anomalous	1.75	132.1	26,910	1405	5769	32.67	22,710	137,800
Peak Value	139	3240	110,500	32,300	>500,000	730	762,100	385,600

GENERAL RESULTS

The 2013 sampling program helped to constrain areas of widespread anomalous pathfinder geochemical anomalies. Additionally, widespread transect sampling over previously unsampled ground provided new geochemical information.

Sampling in the Anubis area worked to constrain the widespread pre-existing geochemical anomalies, to refine the targets for follow up prospecting. Further delineation of ten “N series” targets was also conducted. The location of these targets in addition to the defined zones of mineralization is shown on Figure 15 and 16. Table VI, summarizes the mineralized zones discovered or explored along the Nadaleen Trend in 2013, while Table VII outlines the results of the N-series target follow up conducted along the Nadaleen Trend. The results presented for these targets and zones are representative of the culmination of exploration along the Nadaleen Trend between 2010 and 2013.

TABLE VI – SUMMARY OF MINERALIZED ZONES DISCOVERED OR EXPLORED IN 2013

Area	Mineralized Zone	Year Discovered	Comments	Mineralization Type
Osiris Area	Osiris Zone	2010	Original location of Carlin-type mineralization in 2010. Discovery hole OS-10-01 returned 65.20 m of 4.65 g/t gold. 59 drill holes have been completed and the zone remains open down dip and to the north.	Carlin-Type Au
	Conrad Zone	2010	800 metres northeast of Osiris, Conrad is the most advanced Carlin-type gold zone with 103 holes drilled to date. It has a total strike length of 800 m and remains open in all directions. Highlight 2012 hole intersected 42.93 m of 18.44 g/t gold in hole OS-12-114. Hole OS-13-219 returned 2.23 g/t Au over 68.58 m and an additional 5.40 g/t Au over 33.86.	Carlin-Type Au
	Isis East Zone	2011	Encouraging near surface gold zone directly south of Osiris with 26 drill holes. Highlight 2013 drill hole intersected 21.87 m of 2.62 g/t gold in OS-13-207. Mineralization remains open at depth.	Carlin-Type Au
	Sunrise Zone	2012	Directly east of Osiris the true discovery of the Sunrise zone was uncovered during road building in 2012. Hole OS-13-217 intersected 16.76 m of 6.79 g/t gold. Sunrise Zone remains open at depth and to the west towards Osiris.	Carlin-Type Au
	Isis Zone	2010	Large gold in soil anomaly 600 m west of Osiris. Rock grab samples up to 28.9 g/t Au. To date, most significant mineralization encountered during drilling includes 17.00 m of 0.92 g/t Au in hole OS-10-07.	Carlin-Type Au
Anubis Area	Anubis	2012	Located 10 km west of Osiris, outcrop samples collected in 2012 returned up to 139 g/t Au. Hole AN-12-01 intersected 8.51 m of 19.85 g/t gold within strongly altered carbonate interbeds within an argillite package. Anubis remains open in all directions and was a major focus of regional surface exploration in 2013.	Carlin-Type Au
	Ana	2012	550 m northwest of Anubis, grab samples from hand pits collected at the sites of anomalous gold-in-soil samples returned up to 5.59 g/t Au in clay rich fault breccia. Two drill holes targeted this fault zone at depth in 2012 though no significant mineralization was intersected.	Carlin-Type Au
	Draco	2013	1.4 km northwest of Anubis within a moderate silver, mercury and thallium geochemical anomaly. Excavator pits dug in 2013 in the vicinity of the soil anomaly returned rock samples yielding up to 1.57 g/t Au in moderately oxidized thickly bedded limestone.	Carlin-Type Au
	Columba	2013	1.8 km northwest of Anubis on a north facing thickly covered area within a strong mercury anomaly. Grab samples from excavator pits returned up to 0.52 g/t Au from altered argillite samples collected proximal to the Anubis Fault.	Carlin-Type Au
	Dorado	2013	2.2 km northwest of Anubis within a moderately strong mercury and thallium soil geochemical anomaly. Grab samples from hand pits returned up to	Carlin-Type Au

			4.64 g/t Au in strongly oxidized limestone.	
	Zodiac	2013	3.5 km northwest of Anubis within a strong mercury and thallium anomaly. Mineralization was confirmed through prospecting and hand pitting in 2013. Grab samples from hand pits returned up to 1.03 g/t Au within gouge material of the Anubis Fault. Samples mineralized in up to 900 g/t Ag, 11.75 % Pb and 28.99% Zn showed strong silica alteration of dolomitic limestone proximal to the Anubis fault.	Carlin-Type Au & earlier (?) Ag, Pb, Zn
	Corona	2013	400 m east-northeast of Anubis, within a moderately strong arsenic and strong thallium anomaly. Samples collected from excavator pits dug within the surface trace of the Northern Fault returned gold up to 2.41 g/t Au within altered argillite. Arsenic and lead oxide coated samples containing galena returned up to 2,910 g/t Ag, and 73.15 % Pb.	Carlin-Type Au & earlier (?) Ag, Pb
	Hydra	2012	600 m north of Anubis, with a strong arsenic and thallium soil geochemical anomaly. Samples collected from hand pits returned up to 0.80 g/t Au within rubbly variably oxidized limestone. Excavator pit sampling in 2013 returned samples with up to 151 g/t Ag, 0.2 % Pb and 2.45 % Zn.	Carlin-Type Au & earlier (?) Ag, Pb
	Lyra	2013	2.95 km northwest of Anubis and associated with a strong thallium soil geochemical anomaly. Silver and lead mineralization occurs associated with galena veinlets up to 2 cm thick within strongly altered dolomite (?) with antimony and lead oxide coating.	Ag, Pb

TABLE VII –N-SERIES TARGET SUMMARY

Target	Location Relative to Osiris (km)	Soil Anomaly Type	Approx Size (m)	Follow up Method	Results of follow up	Future recommended work
N1 south	9.9 km W	Au – intermittent anomaly	850 x 350	Infill soil sampling, hand pitting and prospecting.	Soil sampling confirmed that the anomaly is restricted to the original area defined in 2012. Hand pitting in the location of anomalous soils failed to produce samples with elevated gold.	Better constraint of the geologic contact between argillite and carbonate on the south side of the anomaly could provide a favourable host to mineralization. Additionally follow up work should be completed on the large mercury anomaly ~1500 m south.
N1 north					Soil sampling failed to replicate the original gold values. Prospecting defined an unmapped portion of argillite sediments in the bottom of a gully interpreted to define a syncline. Pitting, focused on the contact between the argillite and carbonate, returning strongly altered carbonate samples that did not contain gold.	Further definition is required of the northern argillite/ carbonate contact with particular attention focused to the intersection of the contact and the north-northeast oriented gold anomaly. Additionally, the linear arsenic anomaly 850m x 50m should be investigated.
N2	13.6 km W	As, Tl – linear anomaly	1600 x 1000	Prospecting and hand pitting at sites anomalous for As.	Hand pitting did not reach below cover, but returned transported clasts of clay altered limestone, similar to those found at Anubis. This suggests that the target may be a result of mechanical dispersion from the Anubis area.	Deeper test pit sampling, utilizing an excavator, would provide information on the thickness of cover and may determine if this anomaly is in fact as result of a mechanical dispersion from the Anubis area.
N3	16.6 km WSW	As, Hg, Sb, Tl – intermittent anomaly	3500 x 1300	Prospecting	Lead and zinc mineralization sources from galena and sphalreite; which supports the historical documentation. Maximum gold value identified at this target is 0.58 g/t Au in soil	Detailed mapping, prospecting and hand pitting could help to determine if rocks sourcing the base metal mineralization have potential to host carlin-type gold mineralization.
N4 *Sian*historic base metal occurrence**	20.2 km WSW	As, Hg, Tl anomaly	2200 x 900	Prospecting	Galenea and sphalerite mineralization observed support the presenence of lead and zinc mineralization from historical documentation.	Prospecting, mapping and hand pitting could determine the potential for carlin-type gold mineralization associated that may be spatially associated with the base metal mineralization.
N5	17.7 km W	Sb, Tl - arcuate anomaly	2000 x 2000	Prospecting	Carbonate samples collected 300 m north of the main soil anomaly showed open space filling by quartz. In rare cases these samples returned gold mineralization up to 0.79 g/t	Focus should be placed on the source of the gold mineralization within the quartz replaced carbonate samples. In addition, refined mapping of the argillite/

					Au. The arcuate shape of the Sb anomaly corresponds with the mapped location of siliciclastic rocks of the locally defined Pz2 unit, well exposed at surface. The elevated Sb and Tl but lack of Au, As and Hg suggest the anomaly is a result of the natural elevation of Sb and Tl within this well exposed package of rocks.	carbonate contact could be used in combination with the soil data to separate Sb and Tl anomalies within the carbonate unit. This process could assist with vectoring possible sources of gold mineralization within the carbonate.
N6	16.2 km WSW	As – Hg anomaly	2300 x 1000	Infill soil sampling, prospecting and hand pitting	Infill soil sampling successfully reproduced 2012 results, better defining the limits of the anomaly. This work did not however return samples elevated in gold. Hand pitting at anomalous soil sites returned argillite with strong coatings of arsenic oxide.	Constraining the contact between the argillite and carbonate in addition to further pitting in the vicinity of anomalous samples should be the focus of follow-up at this target.
N7	13.4 km NW	Au, As, Tl – linear anomaly	900 x 600	Infill soil sampling, prospecting and hand pitting.	Soil sampling successfully reproduced elevated As and Tl but not Au values. Hand pitting, hindered by frozen ground, encountered only a laterally continuous blanket of cover. Samples of this cover material did not yield elevated gold.	Further pit sampling is recommended up slope at the southern terminus of the elevated As and Tl anomaly.
N8 *also known as the Dale target in 2011*	10.7 km WNW	As, Sb, Tl – linear anomaly	5800 x 700	Prospecting	Prospecting focused along two parallel northwest trending faults that showed strong alteration and realgar mineralization in drill core from 2011.	Detailed mapping along the NW oriented linears could determine prospective areas to host mineralization. As well, prospecting should be conducted on the along the previously unworked northwest portion of the linear arsenic anomaly.
N9	8.4 km SE	As, Hg – anomaly	1300 x 500	Prospecting	Sampling of a gossan returned limonitic samples associated with botryoidal calcite containing elevated arsenic but no gold.	Focus should be placed on finding the hypothesised upslope source of the limonitic precipitate. Additionally, grid soil sampling should be extended to the west and east to fully define the limits of the arsenic anomaly.
N10	10.1 km NE	Au, As, Sb Hg – arcuate anomaly	2300 x 800	Prospecting	Prospecting determined that mineralization has a strong structural control. The siliciclastic rocks that dominate the area limit the potential for lateral mineralization.	Further prospecting of the soil anomaly to the northwest and into the drainage is necessary as there are yet to be unexplained silt samples elevated in gold collected

						within this drainage. In addition, sampling should be biased to carbonate horizons, particularly where they are projected to intersect the known fertile structures.

EXCAVATOR SAMPLING PROGRAM

GENERAL

Excavator assisted pit sampling was conducted in the Anubis area between July 17th and August 27th, utilizing a Kubota KX80 operated by 15317 Yukon Inc. This sampling program was designed to test the soil geochemical anomalies in the vicinity of the Northern and Anubis faults, to vector the source of the mineralization. This work also helped to refine the location of the faults and broad geologic contacts. The program was completed in an area that extended from the eastern terminus of the Anubis Fault on a gentle ridge top down into a valley where cover quickly thickens. Pit locations with respect to these faults are shown on Figure 74.

A total of 252 pits and 2 trenches were dug in an attempt to reach bedrock in the vicinity of areas of anomalous soil geochemical response that occur proximal to faults cutting favourable stratigraphy. A total of 1217 rock samples were taken over the course of the program. Pits dimensions were largely determined by ground conditions and excavator capabilities but on average were 3x2x3 metres reaching a maximum depth of 4.6 metres. The failure to reach bedrock was due to a combination of site specific and machine limitations, frozen ground, and exceptionally thick cover in places.

Pits were generally located 10-50 metres apart and completed on lines spaced 50 to 100 m oriented perpendicular to the trace of the fault. Once dug the pits were logged, sampled, and photographed they were backfilled. The locations of the pits were recorded with a handheld GPS and marked with a flagged piece of 0.5 metre tall wooden lath. The pit identification number was inscribed on an aluminum tag affixed to the lathe.

Key information pertaining to the pits is listed in Table VIII while Figures 75-81 thematically highlight the results of the work. Appendix II provides a detailed description of the Sampling and Analytical Procedures used, while Appendix VI details descriptions of the rock samples collected, with assay results of these samples provided in Appendix VII.

TABLE VIII: PIT LOCATIONS AND SPECIFICS

Identifier	Type	Easting	Northing	Depth (m)	Length (m)	Width (m)	Date Completed
AnEx13-1	Pit	619438	7113237	2.7	3.7	1.8	17-Jul-13
AnEx13-3	Pit	619390	7113206	2.7	4.6	1.5	17-Jul-13
AnEx13-4	Pit	619365	7113199	3.0	3.0	1.5	17-Jul-13
AnEx13-5	Pit	619341	7113184	1.5	3.0	1.5	17-Jul-13
AnEx13-6	Pit	619311	7113238	3.7	3.0	1.5	17-Jul-13
AnEx13-7	Pit	619320	7113166	1.2	3.0	1.5	17-Jul-13
AnEx13-8	Pit	619358	7113155	1.8	3.0	1.5	17-Jul-13
AnEx13-9	Pit	619388	7113171	1.8	3.0	1.5	17-Jul-13
AnEx13-10	Pit	619420	7113193	2.1	3.0	1.5	17-Jul-13
AnEx13-11	Pit	619412	7113170	2.7	3.0	1.5	17-Jul-13
AnEx13-12	Pit	619432	7113159	3.0	3.0	2.1	18-Jul-13
AnEx13-13	Pit	619462	7113108	3.7	4.0	1.5	18-Jul-13
AnEx13-14	Pit	619423	7113108	1.8	3.7	1.8	18-Jul-13
AnEx13-15	Pit	619450	7113123	2.1	4.0	1.8	18-Jul-13
AnEx13-16	Pit	619390	7113132	4.6	3.0	1.8	18-Jul-13
AnEx13-17	Pit	619357	7113119	3.7	4.6	2.1	18-Jul-13
AnEx13-18	Pit	619403	7113146	3.7	4.6	2.1	18-Jul-13
AnEx13-19	Pit	619507	7113067	0.9	2.4	1.5	18-Jul-13
AnEx13-20	Pit	619409	7113076	3.0	3.0	2.1	18-Jul-13
AnEx13-21	Pit	619445	7113081	4.6	3.7	2.4	20-Jul-13
AnEx13-22	Pit	619319	7113102	4.6	4.6	1.8	20-Jul-13
AnEx13-23	Pit	619474	7113086	3.0	3.0	1.8	20-Jul-13
AnEx13-24	Pit	619276	7112783	6.1	3.0	2.4	22-Jul-13
AnEx13-25	Pit	619274	7112808	3.7	4.9	1.8	23-Jul-13
AnEx13-26	Pit	619268	7112815	3.7	4.9	2.1	23-Jul-13
AnEx13-28	Pit	619275	7112838	3.7	4.9	2.4	23-Jul-13
AnEx13-29	Pit	619270	7112823	3.0	4.6	3.0	23-Jul-13
AnEx13-30	Pit	619289	7112850	2.4	3.7	2.4	23-Jul-13
AnEx13-31	Pit	619302	7112864	3.7	4.6	2.4	23-Jul-13
AnEx13-32*	Pit	619323	7112883	0.0	0.0	0.0	23-Jul-13
AnEx13-33	Pit	619342	7112957	2.7	4.0	2.4	23-Jul-13
AnEx13-34	Pit	619111	7113442	3.0	3.7	1.8	24-Jul-13
AnEx13-35	Pit	619123	7113480	1.5	2.4	1.5	24-Jul-13
AnEx13-36	Pit	619144	7113533	3.0	3.0	1.8	24-Jul-13
AnEx13-37	Pit	619148	7113578	1.5	2.4	1.5	24-Jul-13
AnEx13-38	Pit	619082	7113428	3.4	3.7	1.8	24-Jul-13
AnEx13-39	Pit	619038	7113544	2.1	3.0	1.8	24-Jul-13

AnEx13-40	Pit	619052	7113588	1.5	2.4	1.8	24-Jul-13
AnEx13-41	Pit	619062	7113627	3.7	3.7	1.8	24-Jul-13
AnEx13-42	Pit	619082	7113674	0.9	2.1	1.8	24-Jul-13
AnEx13-43	Pit	619106	7113714	2.4	3.0	1.8	24-Jul-13
AnEx13-44	Pit	619139	7113695	3.0	4.0	1.8	24-Jul-13
AnEx13-45	Pit	618975	7113637	1.8	3.7	2.1	25-Jul-13
AnEx13-46	Pit	618926	7113621	3.0	3.7	1.8	25-Jul-13
AnEx13-47	Pit	618878	7113612	2.1	3.4	1.8	25-Jul-13
AnEx13-48	Pit	619002	7113667	0.9	1.8	1.2	25-Jul-13
AnEx13-49	Pit	619033	7113708	3.0	4.0	1.8	25-Jul-13
AnEx13-50	Pit	619063	7113748	2.7	3.7	1.8	25-Jul-13
AnEx13-51	Pit	619018	7113749	2.1	3.0	1.8	25-Jul-13
AnEx13-52	Pit	619001	7113619	3.4	4.0	1.8	25-Jul-13
AnEx13-53	Pit	619027	7113580	3.4	4.0	1.8	25-Jul-13
AnEx13-54	Pit	619066	7113538	3.4	4.0	1.8	25-Jul-13
AnEx13-55	Pit	619076	7113492	0.6	1.8	2.4	25-Jul-13
AnEx13-56	Pit	619176	7112846	1.5	3.0	2.1	26-Jul-13
AnEx13-57	Pit	619178	7112836	0.9	2.4	2.1	26-Jul-13
AnEx13-58	Pit	619183	7112856	2.1	3.0	2.1	26-Jul-13
AnEx13-59	Pit	619192	7112867	1.2	3.0	2.1	26-Jul-13
AnEx13-60	Pit	619194	7112879	1.5	4.6	2.1	26-Jul-13
AnEx13-61	Trench	619198	7112893	1.2	10.1	2.1	26-Jul-13
AnEx13-62	Trench	619191	7112894	1.2	7.3	2.1	26-Jul-13
AnEx13-63	Pit	619187	7112885	1.8	5.5	2.1	27-Jul-13
AnEx13-64	Pit	619181	7112874	0.6	2.1	2.1	27-Jul-13
AnEx13-65	Pit	619176	7112864	1.5	3.7	1.8	27-Jul-13
AnEx13-66	Pit	619171	7112850	1.5	2.1	1.5	27-Jul-13
AnEx13-67	Pit	619167	7112842	1.5	3.0	3.0	27-Jul-13
AnEx13-68	Pit	619170	7112847	1.5	3.7	1.8	27-Jul-13
AnEx13-69	Pit	618522	7112935	2.4	3.7	2.4	27-Jul-13
AnEx13-70	Pit	618543	7112967	1.8	2.4	1.8	27-Jul-13
AnEx13-71	Pit	618507	7112920	3.0	3.7	1.8	27-Jul-13
AnEx13-72	Pit	618569	7112932	2.4	3.0	2.1	27-Jul-13
AnEx13-73	Pit	618564	7112949	0.9	2.1	1.2	27-Jul-13
AnEx13-74	Pit	618563	7112941	2.4	3.7	1.8	27-Jul-13
AnEx13-75	Pit	618482	7112948	2.7	2.4	2.4	27-Jul-13
AnEx13-76	Pit	618482	7112939	3.7	2.4	2.1	28-Jul-13
AnEx13-77	Pit	618486	7112964	0.9	2.4	1.2	28-Jul-13
AnEx13-78	Pit	618458	7112948	4.0	4.9	1.5	28-Jul-13
AnEx13-79	Pit	618421	7112986	4.3	5.5	2.1	28-Jul-13

AnEx13-80	Pit	618371	7113010	1.8	2.7	1.8	28-Jul-13
AnEx13-81	Pit	618392	7113035	2.7	3.7	1.5	28-Jul-13
AnEx13-82	Pit	618324	7113023	3.4	3.7	2.1	28-Jul-13
AnEx13-83	Pit	618298	7113088	0.9	2.4	2.1	28-Jul-13
AnEx13-84	Pit	618193	7113132	0.9	3.7	1.2	28-Jul-13
AnEx13-85	Pit	618303	7113153	4.0	4.0	2.1	29-Jul-13
AnEx13-86	Pit	618116	7113218	2.4	4.0	2.1	29-Jul-13
AnEx13-87	Pit	618107	7113189	2.1	4.0	2.1	29-Jul-13
AnEx13-88	Pit	618097	7113099	2.1	4.0	2.1	29-Jul-13
AnEx13-89	Pit	618046	7113105	0.3	2.1	1.2	29-Jul-13
AnEx13-90	Pit	618054	7113143	2.7	4.0	2.1	29-Jul-13
AnEx13-91	Pit	618062	7113209	1.5	4.0	2.1	29-Jul-13
AnEx13-92	Pit	618065	7113232	2.1	4.3	2.1	29-Jul-13
AnEx13-93	Pit	618074	7113277	1.8	3.4	1.8	29-Jul-13
AnEx13-94	Pit	618086	7113324	1.5	4.0	1.8	29-Jul-13
AnEx13-95	Pit	618120	7113277	0.9	3.7	2.1	30-Jul-13
AnEx13-96	Pit	618133	7113309	0.6	3.7	2.1	30-Jul-13
AnEx13-97	Pit	618034	7113350	0.6	4.0	2.1	30-Jul-13
AnEx13-98	Pit	618021	7113309	2.4	4.3	2.4	30-Jul-13
AnEx13-99	Pit	618052	7113307	2.4	3.7	2.1	30-Jul-13
AnEx13-100	Pit	618018	7113257	1.8	4.0	3.0	30-Jul-13
AnEx13-101	Pit	618019	7113213	1.2	3.7	2.1	30-Jul-13
AnEx13-102	Pit	618017	7113170	0.9	3.7	2.1	30-Jul-13
AnEx13-103	Pit	617964	7113149	0.3	3.7	2.1	30-Jul-13
AnEx13-104	Pit	617969	7113131	0.9	3.7	2.1	30-Jul-13
AnEx13-105	Pit	617978	7113223	2.4	3.7	2.1	30-Jul-13
AnEx13-106	Pit	617989	7113291	2.4	3.7	2.1	30-Jul-13
AnEx13-107	Pit	617996	7113334	1.8	3.7	0.9	31-Jul-13
AnEx13-108	Pit	617895	7113198	2.1	4.0	2.1	31-Jul-13
AnEx13-109	Pit	617890	7113259	0.3	4.9	0.9	31-Jul-13
AnEx13-110	Pit	617905	7113363	3.0	4.0	2.1	31-Jul-13
AnEx13-111	Pit	617833	7113374	1.8	4.0	2.1	1-Aug-13
AnEx13-112	Pit	618221	7113166	1.8	4.0	1.5	1-Aug-13
AnEx13-113	Pit	618275	7113067	0.6	4.3	1.2	1-Aug-13
AnEx13-114	Pit	618326	7112963	3.7	4.0	1.8	1-Aug-13
AnEx13-115	Pit	619297	7113280	2.4	4.0	2.1	1-Aug-13
AnEx13-116	Pit	619291	7113272	3.7	4.3	1.5	1-Aug-13
AnEx13-117	Pit	619278	7113256	1.8	4.0	1.5	1-Aug-13
AnEx13-118	Pit	619244	7113308	2.7	4.0	2.1	1-Aug-13
AnEx13-119	Pit	619255	7113321	2.1	4.6	4.0	1-Aug-13

AnEx13-120	Pit	619237	7113286	0.9	4.0	1.2	1-Aug-13
AnEx13-121	Pit	619198	7113369	2.1	4.0	1.5	2-Aug-13
AnEx13-122	Pit	619187	7113352	3.7	4.3	1.5	2-Aug-13
AnEx13-123	Pit	619173	7113347	2.7	4.0	1.5	2-Aug-13
AnEx13-124	Pit	619114	7113404	3.0	4.0	1.2	2-Aug-13
AnEx13-125	Pit	619101	7113383	3.0	4.0	1.2	2-Aug-13
AnEx13-126	Pit	619101	7113381	4.0	4.0	1.2	2-Aug-13
AnEx13-127	Pit	619011	7113389	3.0	4.0	1.2	2-Aug-13
AnEx13-128	Pit	619005	7113376	3.0	4.3	1.5	2-Aug-13
AnEx13-129	Pit	619009	7113414	4.0	4.3	1.5	2-Aug-13
AnEx13-130	Pit	618949	7113409	3.7	3.0	3.0	3-Aug-13
AnEx13-131	Pit	618896	7113417	3.7	3.7	2.7	3-Aug-13
AnEx13-132	Pit	618824	7113419	3.0	3.7	1.8	3-Aug-13
AnEx13-133	Pit	618765	7113397	3.7	3.0	1.5	3-Aug-13
AnEx13-134	Pit	618721	7113387	2.4	3.0	2.1	3-Aug-13
AnEx13-135	Pit	618611	7113469	3.4	4.0	2.1	3-Aug-13
AnEx13-136	Pit	618636	7113490	3.7	3.7	2.1	3-Aug-13
AnEx13-137	Pit	618588	7113456	3.7	4.3	1.5	3-Aug-13
AnEx13-138	Pit	618596	7113413	4.6	4.0	1.5	3-Aug-13
AnEx13-139	Pit	618669	7113465	3.7	4.0	1.5	3-Aug-13
AnEx13-140	Pit	618641	7113445	2.4	4.0	1.5	4-Aug-13
AnEx13-141	Pit	618679	7113406	3.4	4.0	1.2	4-Aug-13
AnEx13-142	Pit	618695	7113422	3.0	4.0	1.5	5-Aug-13
AnEx13-143	Pit	618652	7113370	4.0	4.0	1.5	5-Aug-13
AnEx13-144	Pit	618694	7113349	4.0	4.0	1.5	5-Aug-13
AnEx13-145	Pit	618667	7113315	4.0	4.6	2.4	5-Aug-13
AnEx13-146	Pit	618675	7113264	3.4	4.0	2.4	5-Aug-13
AnEx13-147	Pit	618705	7113296	3.4	4.3	1.2	5-Aug-13
AnEx13-148	Pit	618754	7113317	2.7	4.0	1.5	5-Aug-13
AnEx13-149	Pit	618633	7113324	4.0	4.6	1.2	5-Aug-13
AnEx13-150	Pit	618717	7113222	4.0	4.6	1.2	5-Aug-13
AnEx13-151	Pit	618690	7113201	4.0	4.0	1.8	5-Aug-13
AnEx13-152	Pit	618763	7113245	4.0	4.0	1.8	5-Aug-13
AnEx13-153	Pit	618801	7113278	2.1	3.0	4.3	5-Aug-13
AnEx13-154	Pit	618796	7113204	4.0	4.0	1.5	5-Aug-13
AnEx13-155	Pit	618758	7113168	4.0	3.4	1.5	5-Aug-13
AnEx13-156	Pit	618723	7113148	3.4	4.0	1.5	5-Aug-13
AnEx13-157	Pit	618783	7113143	3.7	4.0	1.2	5-Aug-13
AnEx13-158	Pit	618790	7113146	1.2	1.5	1.2	5-Aug-13
AnEx13-159	Pit	618807	7113112	4.3	4.6	1.8	5-Aug-13

AnEx13-160	Pit	618830	7113094	4.0	4.6	1.2	5-Aug-13
AnEx13-161	Pit	618842	7113099	4.6	2.4	1.8	6-Aug-13
AnEx13-162	Pit	618870	7113012	4.6	2.4	1.8	6-Aug-13
AnEx13-163	Pit	618863	7113020	3.0	3.0	2.4	6-Aug-13
AnEx13-164	Pit	618733	7113097	4.6	4.6	1.8	6-Aug-13
AnEx13-165	Pit	618632	7113149	2.4	3.0	1.8	6-Aug-13
AnEx13-166	Pit	618660	7113167	1.8	3.0	1.2	6-Aug-13
AnEx13-167	Pit	618453	7113325	4.6	3.0	1.2	7-Aug-13
AnEx13-168	Pit	618440	7113272	4.6	3.0	1.2	7-Aug-13
AnEx13-169	Pit	618444	7113240	4.6	3.0	1.8	7-Aug-13
AnEx13-170	Pit	618431	7113321	4.6	3.0	1.5	7-Aug-13
AnEx13-171	Pit	618412	7113279	2.4	4.6	1.2	7-Aug-13
AnEx13-172	Pit	618426	7113306	4.6	3.0	1.5	7-Aug-13
AnEx13-173	Pit	618358	7113319	1.5	3.0	1.5	7-Aug-13
AnEx13-174	Pit	618305	7113337	4.6	3.0	1.8	8-Aug-13
AnEx13-175	Pit	618243	7113348	3.0	2.4	1.5	8-Aug-13
AnEx13-176	Pit	618256	7113364	4.6	3.0	1.8	8-Aug-13
AnEx13-177	Pit	618242	7113370	4.6	3.0	1.5	8-Aug-13
AnEx13-178	Pit	618199	7113372	3.0	1.8	3.0	8-Aug-13
AnEx13-179	Pit	618212	7113375	0.9	3.0	1.5	9-Aug-13
AnEx13-180	Pit	618150	7113395	3.0	4.0	1.8	9-Aug-13
AnEx13-181	Pit	618074	7113433	2.4	3.0	1.5	9-Aug-13
AnEx13-182	Pit	618055	7113461	3.7	3.0	1.5	9-Aug-13
AnEx13-183	Pit	618060	7113489	4.6	3.0	1.8	9-Aug-13
AnEx13-184	Pit	618023	7113434	2.1	3.0	1.5	9-Aug-13
AnEx13-185	Pit	618057	7113435	1.5	2.4	1.5	9-Aug-13
AnEx13-186	Pit	617980	7113450	1.2	2.1	1.5	9-Aug-13
AnEx13-187	Pit	617995	7113440	3.0	2.4	1.8	9-Aug-13
AnEx13-188	Pit	617936	7113491	2.4	3.0	1.8	9-Aug-13
AnEx13-189	Pit	617872	7113513	1.5	2.4	1.5	11-Aug-13
AnEx13-190	Pit	617808	7113539	3.7	4.6	1.5	11-Aug-13
AnEx13-191	Pit	617623	7113513	2.4	4.6	1.5	11-Aug-13
AnEx13-192	Pit	617656	7113554	3.0	4.6	1.5	11-Aug-13
AnEx13-193	Pit	617841	7113525	3.0	4.6	1.8	11-Aug-13
AnEx13-194	Pit	617677	7113588	2.1	3.0	1.2	11-Aug-13
AnEx13-195	Pit	617679	7113603	3.0	3.0	0.9	11-Aug-13
AnEx13-196	Pit	617709	7113648	4.6	3.0	1.2	11-Aug-13
AnEx13-197	Pit	617754	7113698	3.0	3.0	1.5	11-Aug-13
AnEx13-198	Pit	617654	7113760	1.2	2.1	1.5	13-Aug-13
AnEx13-199	Pit	617612	7113700	2.7	2.4	0.9	13-Aug-13

AnEx13-200	Pit	617578	7113663	2.4	3.0	1.2	13-Aug-13
AnEx13-201	Pit	617592	7113685	4.6	3.0	1.2	13-Aug-13
AnEx13-202	Pit	617564	7113610	1.8	3.0	4.3	13-Aug-13
AnEx13-203	Pit	617536	7113571	2.1	3.7	1.2	13-Aug-13
AnEx13-204	Pit	617446	7113610	2.1	3.0	1.2	14-Aug-13
AnEx13-205	Pit	617475	7113663	4.6	3.0	1.5	14-Aug-13
AnEx13-206	Pit	617482	7113699	2.1	3.7	1.2	14-Aug-13
AnEx13-207	Pit	617516	7113739	3.0	4.6	1.2	14-Aug-13
AnEx13-208	Pit	617543	7113791	1.2	3.0	1.2	14-Aug-13
AnEx13-209	Pit	617504	7113718	4.6	3.0	1.5	14-Aug-13
AnEx13-210	Pit	617484	7113684	3.7	3.7	1.8	15-Aug-13
AnEx13-211	Pit	617445	7113828	4.6	3.0	1.2	15-Aug-13
AnEx13-212	Pit	617418	7113788	4.6	3.7	1.2	15-Aug-13
AnEx13-213	Pit	617390	7113740	4.6	3.0	1.2	15-Aug-13
AnEx13-214	Pit	617359	7113697	4.6	3.0	1.2	15-Aug-13
AnEx13-215	Pit	617335	7113656	2.1	3.0	1.2	15-Aug-13
AnEx13-216	Pit	617458	7113649	2.4	3.0	1.2	17-Aug-13
AnEx13-217	Pit	617401	7113763	4.3	3.0	1.2	17-Aug-13
AnEx13-218	Pit	617434	7113800	4.3	2.4	1.2	17-Aug-13
AnEx13-219	Pit	617425	7113801	3.0	6.1	1.2	17-Aug-13
AnEx13-220	Pit	617417	7113675	2.4	3.7	1.2	18-Aug-13
AnEx13-221	Pit	617432	7113707	4.3	3.0	1.2	18-Aug-13
AnEx13-222	Pit	617445	7113727	4.3	3.0	1.2	18-Aug-13
AnEx13-223	Pit	617469	7113767	4.3	3.0	1.2	18-Aug-13
AnEx13-224	Pit	617529	7113636	3.0	3.0	1.5	18-Aug-13
AnEx13-225	Pit	617625	7113631	3.0	3.0	2.4	19-Aug-13
AnEx13-226	Pit	617650	7113631	3.0	3.0	1.8	19-Aug-13
AnEx13-227	Pit	617697	7113632	3.7	3.0	1.5	19-Aug-13
AnEx13-228	Pit	617723	7113576	2.4	3.0	1.5	19-Aug-13
AnEx13-229	Pit	617793	7113546	3.4	3.0	1.2	19-Aug-13
AnEx13-230	Pit	617699	7113404	2.4	3.0	1.2	20-Aug-13
AnEx13-231	Pit	617681	7113371	3.0	2.4	1.2	20-Aug-13
AnEx13-232	Pit	617680	7113323	3.0	3.0	1.2	20-Aug-13
AnEx13-233	Pit	617676	7113301	3.0	3.0	1.2	20-Aug-13
AnEx13-234	Pit	617675	7113211	2.4	3.0	1.2	21-Aug-13
AnEx13-235	Pit	617680	7113311	2.4	3.0	1.2	21-Aug-13
AnEx13-236	Pit	617628	7113309	3.7	3.0	1.2	21-Aug-13
AnEx13-237	Pit	617557	7113309	4.3	3.0	1.2	21-Aug-13
AnEx13-238	Pit	617644	7113137	0.9	15.2	1.5	22-Aug-13
AnEx13-239	Pit	617674	7113263	2.1	2.7	1.5	22-Aug-13

AnEx13-240	Pit	617707	7113346	2.4	2.4	1.2	22-Aug-13
AnEx13-241	Pit	617646	7113271	1.5	2.4	1.2	22-Aug-13
AnEx13-242	Pit	617655	7113299	1.8	2.4	1.2	22-Aug-13
AnEx13-243	Pit	617658	7113328	1.5	2.4	1.2	22-Aug-13
AnEx13-244	Pit	617690	7113315	1.8	1.8	1.5	22-Aug-13
AnEx13-245	Pit	617665	7113316	1.8	2.4	1.2	22-Aug-13
AnEx13-246	Pit	617671	7113290	3.0	2.4	1.2	22-Aug-13
AnEx13-247	Pit	617454	7113738	3.0	2.4	1.8	23-Aug-13
AnEx13-248	Pit	617507	7113771	4.3	2.4	1.2	23-Aug-13
AnEx13-249	Pit	617634	7113657	3.0	3.0	1.5	23-Aug-13
AnEx13-250	Pit	617673	7113680	4.3	2.4	1.2	23-Aug-13
AnEx13-251	Trench	619464	7113086	4.6	14.9	3.7	25-Aug-13
AnEx13-252	Trench	619066	7113538	4.6	7.9	3.7	27-Aug-13
AnEx13-253	Pit	619055	7113548	3.7	2.4	1.2	27-Aug-13
AnEx13-254	Pit	619047	7113549	3.7	2.4	1.2	27-Aug-13

**abandoned pit*

PITTING RESULTS

Pitting in the Anubis area revealed a widespread layer of transported cover ranging from one to more than four metres thick. The cover was generally thickest in drainages and valley bottoms where it consists of colluvium, alluvium, or glacial till overlain by a layer of variably frozen organic material. Bedrock was best exposed in pits along ridgetops and midslope elevations where cover is relatively thin.

The pitting program not only tested the geochemical potential of the Anubis area, but helped to define the location of faults as well as the footwall and hanging wall stratigraphy. Lithologies observed in samples and pit walls were consistent with broad observations on surface and included the following lithologies: micritic or crystalline limestone showing varying degrees of oxidation, hydrothermal alteration and/or dolomitization; fine grained, black argillite with pervasive weathering and fracturing, and/or oxidation along fracture planes; and, fault rock including fault breccias, oxidized clay or gouge. Hydrothermal alteration, where observed, is typical of Carlin-style systems and includes moderate to strong “sandy” decarbonitization, and less commonly, silicification. Clay alteration was most typically associated with arsenic±antimony±iron±lead oxide and occurred within fault zones or altered lithologies as thin (<2 m), light grey to green or red-brown bands. Gold-, silver- and base metal-mineralized samples were typically associated with moderate to intense oxidation and/or hydrothermal alteration of limestone or argillite.

In total, 47 pits returned results considered significant for gold, silver, lead and/or zinc based on trend-wide geochemical thresholds of those elements. Observations from each zone returning significant results in pitting are described below. A summary of pits and trenches significantly mineralized for gold is presented in Table IX while geological pit logs occur in Appendix VIII.

TABLE IX: PITS SIGNIFICANTLY MINERALIZED FOR GOLD

Pit ID	Zone	SAMPLE	Depth (m)	Au (g/t)	*Ag (g/t)*	*Pb (%)*	*Zn (%)*
AnEx13-13	Corona	Q007535	3.0	**0.77**	*99.20*	*2.48*	*0.08*
		Q007567	3.7	**1.15**	*434.00*	*15.30*	*0.21*
AnEx13-232	Draco	Q012661	3.0	**1.57**	0.21	<0.01	*0.02*
		Q012663	3.0	**1.04**	0.75	0.01	*0.18*
		Q012667	3.0	**1.32**	0.12	<0.01	*0.05*
AnEx13-243	Draco	Q012734	1.5	**0.97**	0.10	<0.01	*0.03*
AnEx13-251	Corona	Q012813	3.0	**0.89**	*188.00*	*6.20*	*0.12*
		Q012841	3.0	**0.87**	*647.00*	*6.26*	*0.11*
		Q012780	4.6	**2.41**	*227.00*	*5.82*	*0.09*
		Q012792	4.6	**1.62**	*1490.00*	*31.08*	*0.06*
		Q012793	4.6	**0.85**	*1565.00*	*23.70*	*0.04*
AnEx13-252	Hydra	Q012854	3.7	**0.80**	*151.00*	*0.20*	*2.45*

Columba Zone
Pit sampling in the Columba Zone tested an area along the Anubis Fault anomalous for gold in soil. Pitting was focused on a northwestern facing hillside immediately upslope of the soil anomaly with pits dug on north-easterly oriented lines spaced approximately 50 metres apart having pits spaced 20 to 50 metres along them. Many of the pits did not reach bedrock due to exceptionally thick overburden with a frozen layer of organic cover. Samples from the pits at Columba generally consisted of altered argillite, variably dolomitized and hydrothermally altered limestone and oxidized fault rock. The spatial relationship of these rock types is poorly understood. Samples taken immediately beneath the highest gold-in-soil values exhibit the strongest gold enrichment with grades up to 0.52 g/t Au occurring in altered argillite. Moderately anomalous silver and zinc grades were returned from fault rock and transported cover in pits on the periphery of the Columba Zone. In these pits, peak grades of 36.00 g/t Ag and 1.51% Zn were returned from samples of oxidized fault rock.

Draco Zone
Transect and grid pitting was conducted at the Draco Zone. Two roughly parallel north-northeast oriented transect lines oriented perpendicular to a fault were followed, along which pits spaced 20 to 50 metres apart were dug. Grid pitting was conducted 350 metres to the northeast of the transect pitting over an area anomalous for gold in soil associated with multiple recessive linears.

Transported cover, up to 2 metres thick, overlies the footwall limestone unit in this area which is well exposed upslope of the gold anomaly. The limestone intersected in the pits is variably dolomitized with thin horizons of arsenic-antimony-iron oxide associated with moderate clay alteration of the rock. Transect pits returning samples of transported cover, clay altered oxidized limestone from the bottom of AnEx13-232 returned encouraging gold values ranging from 1.04 to 1.57 g/t Au. Samples from the gridded pits did not return significant gold mineralization suggesting that the lower Draco Zone and upper gold-in-soil anomaly are genetically distinct.

Ana Zone
The Ana Zone received minimal pit sampling as it was hand pitted in 2012. Several excavator pits slightly northwest of Ana were placed along the Anubis Fault. Deep cover greatly inhibited evaluation of this area, with only two of the six pits reaching bedrock. Material retrieved from near pit bottoms comprised oxidized argillite fragments with oxidized clay suggestive of fault gouge. Pit AnEx13-171, returned samples of argillite with up to 0.43 g/t Au.

Additional pitting targeted the argillite-limestone contact directly south the main zone in pits dug 10-50 metres apart along transect lines spaced 40 metres apart. Although cover was relatively thin in this area, the presence of limestone boulders greatly inhibited excavation. Bedrock and subcrop material consisting of unaltered to weakly oxidized argillite was encountered in the southern pits while limestone was encountered to the north. Oxide and clay alteration intensity increased in both units towards the contact. Massive crystalline calcite was observed near the contact in the eastern-most transect. One pit dug within the Auubis fault near its intersection with an orthogonal cutting structure returned three samples between 0.22 g/t and 0.43 g/t Au.

Hydra Zone
Pit sampling in the around the Hydra Zone consisted of three roughly north-northeast trending lines. The western line targeted a northeast-trending topographic feature coincident with a vegetative kill zone. The central line explored the extent of alteration to the north of that intersected in drillhole AN-12-006. While the eastern line tested an arsenic soil geochemical anomaly. Infill pit sampling and follow up trenching were conducted selectively between the western edges of each line.

Transported cover was generally two to three metres thick, extending to over four metres deep in topographic lows. Lithologies observed generally consisted of crystalline to micritic, dolomitized, and locally fossiliferous limestone. Streaky oxidation in addition to clay alteration are common in gold, silver and zinc-enriched samples. These were collected within a cluster of pits clustered immediately northeast of the An-12-006 drill collar. Within this cluster, trench AnEx13-252 showed strataform clay alteration with 0.7 g/t Au. Highlight samples of base metal mineralization from the Hydra area returned peak values of 151.00 g/t Ag, 0.20% Pb and 2.65% Zn.

Corona Zone
Pit testing in the vicinity of the Corona zone was focused along the Northern Fault, beginning north of the Anubis Fault terminus where anomalous gold, lead, zinc and pathfinder geochemical anomalies form a broad northwest-trend, coincident with a recessive gully. Transect lines spaced 50 to 100 m apart were dug with follow-up pitting and trenching filling in gaps between anomalous pits.

Only one to two metres of cover was encountered in the eastern pit area while it thickened to over four metres towards the drainage at the base of slope. Above this elevation, samples of argillite, fault rock and limestone were retrieved from the pits. Oxidation and hydrothermal alteration ranged from weak to intense with the strongest alteration observed in the argillite unit. Zinc enrichment is most prevalent immediately north of the Corona Zone in samples of argillite and transported cover. Significant zinc values in this area range between 1.0 and 2.5% with a peak value of 10.1%. Strong Carlin-type pathfinder mineralization (arsenic, antimony, mercury and thallium) follows the Northern Fault down the drainage to the northwest and is lost downslope below drill collar An-Ex-004. Approximately 65% of pits dug along the Northern Fault returned values above the 95th percentile for at least one of the pathfinder elements. Peak values for these elements at the Corona zone were 4.00% As, 476 ppm Hg, 7990 ppm Sb, and 1090 ppm Tl.

Pitting at the eastern most terminus of the known extent of the Northern Fault returned samples of argillite-hosted base metal mineralization with gold enrichment. Significant gold-silver-lead mineralization was first discovered in AnEx13-13 with grades of individual samples up to 1.15 g/t Au, 434 g/t Ag, 15.3% Pb, 0.75% Zn, 2.58% As, 446 ppm Hg, 1895 ppm Sb and 89.80 ppm Tl. Mineralization in this pit consists of intensely altered and variably silicified argillite defined by a light grey band with a parallel oxide horizon oriented approximately 060˚ dipping 25SE. This orientation corresponds to the strike of a southeast trending fault that intersects the Northern Fault proximal to pitted area. Pit AnEx13-13 was extended into a northwest oriented trench (AnEx13-251) later in the season. Abundant galena was discovered in lenses associated with "sandy" decarbonitization and silicification of suspected carbonate layers within the argillite. Samples taken in these alteration zones returned values up to 2910 g/t Ag and 73.15 % lead. Arsenic-lead-antimony-iron oxides in association with clay alteration of argillite were observed within the trench.

Anubis Zone

Pitting directly surrounding the Anubis zone targeted three areas: the Anubis fault southeast of the Anubis discovery, a gold-in-soil anomaly northwest of the showing that is coincident with the Anubis fault trace, and a linear feature within the broad drainage northwest of the showing between the Anubis and Northern faults that is associated with a gold, arsenic and mercury anomaly.

Selection of pit locations was limited by the mobility of the excavator in the steep terrain. Cover on the higher ground was generally thin, allowing for the exposure of bedrock and subcrop, while in the valley it was considerably thicker limiting access below cover.

Transect lines placed along the Anubis fault southeast of the showing included pits spaced 15-30 metres apart; while northwest of the showing isolated pits were dug at accessible sites directly within the fault trace. Many of these pits encountered a frozen layer of fractured argillite that became less prevalent as pitting continued downslope. Lithologically the pits returned highly fractured, pervasively weathered argillite with locally strong to intense hydrothermal alteration. The alteration intensity was represented as clay development and an arsenic, antimony, and iron oxidize horizon running subvertically through the pits. This alteration and oxidation increased in intensity towards the fault trace. Gold, in addition to lead and zinc mineralization returned values considered background to weakly anomalous, though elevated silver values were encountered in four pits. Three of these pits, located northwest of the showing at the faulted contact between footwall limestone and hanging wall argillite returned maximum silver values between 5.92 to 10.40 g/t Ag.

Pitting in the broad northwest-facing drainage centred between the Anubis and Northern Faults was conducted in a broad grid covering a 500 by 150 metre wide area with pits spaced approximately every 50 metres. Nearly all pits reached their maximum depth in cover made up of rounded polytithic fragments and large limestone boulders. Pits located slightly upslope of the valley bottom in the margin of the grid area, reached subcrop consisting of argillite with variably weak to strong arsenic, antimony and iron oxidation. Evidence of folding within the argillite unit was present in AnEx13-153 located on the eastern side grid area. Here an upright open fold, plunging 30 to 50° to the south occurs in association with the oxidation described above. High background geochemical values (<90th percentile) of gold and base metals were returned from samples of transported cover – mainly consisting of rounded polylithic fragments and loose dirt. These anomalous samples returned from pits on the east boundary of the grid reached 17.40 g/t Ag and 0.83% Pb.

DIAMOND DRILLING

GENERAL

Diamond drilling was carried out on the Conrad, Isis, Isis East and Sunrise Zones between June 11 and August 25th by Superior Diamond Drilling Ltd. of Peachland, BC. The work was completed using HQ and NQ equipment on two heli-portable Discovery II drills. One drill was mounted on tracks for 32 days, completing 7 holes at Sunrise. A total of 7,303 m of diamond drilling was completed in 26 holes.

When not on tracks, drills were set up on an approximately 16 foot square platforms built of 8” x 8” timbers covered with 2” x 8” planks or on an earth filled log structure of approximately the same size. Each of these pad types were prepared by hand. Drill sites on which the track equipment was positioned were constructed directly on or built on a spur of the main access road at Sunrise. The road segment used for drilling was roughly flattened and widened where necessary to position the drill. All road building and site modifications were done using either a Kubota KX80 or KX041 excavator. All drill collars were marked with a piece of drill rod cemented into the hole and labeled with the basic drill hole information. All drill core was assayed for gold and multi-element data for the entirety of their length.

Drill collar locations are plotted on Figures 82-85, and key data for the holes is listed in Table X. Geologic cross sections are presented in Figures 86-104. Geological and sample logs are given in Appendix IX, sampling and analytical procedures data verification and QAQC results are provided in Appendix X, and certificates of analysis are shown in Appendix XI.

TABLE X: 2013 DIAMOND DRILL HOLE SPECIFICS

Zone	Hole	Easting	Northing	Elevation	Azimuth	Dip	Depth (m)	Core Size
Isis East	OS -13-198	629132.11	7111454.30	1519.27	358	-50	516.03	HQ-NQ
Sunrise	OS -13-199	629660.99	7111980.73	1730.76	0	-50	103.63	HQ
Sunrise	OS -13-200	629605.93	7111982.82	1762.24	357	-60	210.31	HQ
Sunrise	OS -13-201	629605.66	7111942.68	1756.06	358	-61	262.13	HQ
Isis East	OS -13-202	629180.61	7111463.48	1538.24	359	-50	325.22	HQ-NQ

Sunrise	OS -13-203	629699.19	7111982.15	1710.57	358	-50	100.58	HQ
Sunrise	OS -13-204	629606.21	7111874.45	1780.85	0	-59	256.03	HQ
Isis East	OS -13-205	629088.78	7111559.99	1514.48	357	-50	397.76	HQ
Sunrise	OS -13-206	629549.22	7111994.84	1789.39	358	-57	219.76	HQ
Isis East	OS -13-207	629064.91	7111518.92	1501.69	26	-50	313.95	HQ
Sunrise	OS -13-208	629611.13	7112012.78	1766.03	347	-60	183.79	HQ
Sunrise	OS -13-209	629642.91	7112027.79	1751.47	354	-50	158.80	HQ
Isis East	OS -13-210	629063.63	7111519.73	1501.38	354	-50	483.11	HQ-NQ
Sunrise	OS -13-211	629550.44	7111936.52	1786.18	351	-60	322.48	HQ
Isis East	OS -13-212	629012.92	7111566.41	1499.04	40	-53	381.91	HQ-NQ
Sunrise	OS -13-213	629717.75	7112058.84	1711.61	336	-50	62.79	HQ
Sunrise	OS -13-214	629509.49	7111935.37	1781.23	7	-60	319.43	HQ
Isis	OS -13-215	628600.48	7112409.28	1430.01	134	-52	431.29	HQ-NQ
Sunrise	OS -13-216	629509.53	7111935.03	1781.19	7	-69	308.76	HQ
Sunrise	OS -13-217	629509.54	7111934.88	1781.22	10	-74	317.91	HQ
Isis	OS -13-218	628534.98	7112470.67	1386.26	223	-51	135.64	HQ
Conrad	OS -13-219	630600.44	7112472.32	1349.79	189	-84	416.05	HQ-NQ
Isis	OS -13-220	628597.73	7112409.27	1430.5	227	-51	196.60	HQ
Conrad	OS -13-221	630848.96	7112448.48	1283.5	355	-79	246.28	HQ
Conrad	OS -13-222	630407.39	7112553.28	1466.77	168	-87	371.25	HQ-NQ
Conrad	OS -13-223	630200.06	7112474.74	1475.2	355	-71	261.52	HQ

DRILLING RESULTS

Observations from each zone drilled this year are described below. Significantly mineralized intervals are listed in Table XI.

TABLE XI: SIGNIFICANT DRILL INTERSECTIONS

Zone	Hole	From (m)	To (m)	Interval (m)	Au (g/t)
Isis East	OS -13-198	302.11	330.71	28.60	1.20
	and	377.60	394.72	17.12	1.07
Sunrise	OS -13-200	148.18	151.18	3.00	5.28
	and	175.73	176.78	1.05	11.95
Sunrise	OS -13-201	197.59	210.31	12.72	9.49
Sunrise	OS -13-206	120.70	135.94	15.24	9.83
Isis East	OS -13-207	217.93	239.80	21.87	2.62
Sunrise	OS -13-208	90.98	103.75	12.77	6.29
Sunrise	OS -13-209	70.41	73.46	3.05	7.56
Isis east	OS -13-210	288.35	298.33	9.98	2.33
Sunrise	OS -13-211	195.98	199.03	3.05	3.31

Isis east	OS -13-212	179.83	194.00	14.17	1.02
Sunrise	OS -13-214	173.13	192.94	19.81	5.54
Sunrise	OS -13-216	215.80	223.42	7.62	3.10
Sunrise	OS -13-217	218.85	235.61	16.76	6.76
	and	249.33	255.42	6.09	3.60
Conrad	OS -13-219	7.62	76.20	68.58	4.23
	and	137.16	143.00	5.84	2.47
	and	274.62	308.48	33.86	5.40
	and	316.10	318.52	2.42	7.31
Conrad	OS -13-221	115.21	121.31	6.10	2.91

Sunrise Zone

The Sunrise Zone occurs within a suite of limestone and dolostone (O-LST1 and O-DST) rocks underlain by a maroon and green to variably grey mudstone (O-MST1) collectively known as the Osiris Stratigraphy. This stratigraphy, which is also host to mineralization at the Osiris Zone, 300 m to the east, is synformally folded at the Sunrise Zone. This folded package of sediments is in fault contact with a dark grey crystalline limestone unit (C-LST2) which is stratigraphically overlain by the grey to maroon variants of the fault repeated O-MST1 unit of the Isis Stratigraphy. A moderately-strong ductile fabric defines the fault zone at Sunrise and is around 5 metres true thickness. Unlike the Osiris Zone where the O-LST1 and O-DST units are easily distinguishable and define a clear stratigraphic marker, at Sunrise intense folding and deformation of the carbonate package makes definition of this contact unachievable.

Gold mineralization at the Sunrise Zone is confined to the carbonates of the undifferentiated O-LST1 and O-DST units and is most commonly controlled by a steeply south dipping corridor that roughly parallels the fault plane. This corridor likely represents an area of increased fluid flow associated with axial planar cleavage development at the axis of the Sunrise synform. Additionally, mineralization at the Sunrise Zone is associated with metre-scale zones of tight folding, which are interpreted as parasitic folds on the limb of the Sunrise synform.

Within the mineralized intervals, drill core shows a darkening in colour to near black, representing the addition of sooty-sulphides. Original bedding textures are faint and at times unrecognisable due in part to decalcification and silicification of the carbonates. Realgar both fills fractures and occurs as disseminations within porous beds within and peripheral to gold mineralized zones.

Conrad Zone

The Conrad Zone consists of a package of carbonates (C-LST1) and overlying siltstones to conglomerates (C-SLC) that are folded into a broad east-west trending doubly plunging anticline. This anticline has been re-folded in the centre causing the eastern and western limbs to curve back towards the north. This poly-deformed rock package is in fault contact with a mudstone unit (C-NONAD) along the steeply north dipping Nadaleen Fault Zone. This fault zone is up to 50 m wide and shows brittle to ductile cataclastic textures of all three rock units imbricated together.

Drilling has defined two areas of significant mineralization known as the Upper and Lower Conrad Zone. In the Upper Conrad Zone, gold mineralization occurs along the stratigraphic contact between C-LST1 and the overlying C-SLC package with the best mineralized areas at the crest of the east and west plunging anticlinal fold. Mineralization at the Lower Conrad Zone occurs within C-LST1 adjacent to the intersection of a relatively flat-lying fault with a near-vertical, east-west trending fracture system.

All mineralized intervals are accompanied by decalcification and deposition of sooty pyrite, giving the mineralized core a darker appearance than unmineralized intervals. This darkening of the core is very subtle to non-recognizable within C-SLC. Realgar is commonly associated with gold bearing zones, existing mainly in veins and fracture fill, but also as disseminations within the mineralized zone. Not all occurrences of realgar have associated gold.

Isis East Zone

The Isis East Zone is hosted in the Isis Carbonate Horizon, a faulted repeat of the Osiris Horizon rocks at Sunrise. The stratigraphy at Isis East is folded into an anticline that plunges steeply to the south becoming overturned at depth. Gold mineralization at Isis East is hosted in both O-LST1 and O-DST units, most commonly controlled along the limestone-dolostone contact with mineralized intervals thickest in the direct vicinity of the anticlinal hinge. Decalcification and silicification are the main alteration features in addition to realgar deposition, all of which are associated with gold mineralized zones.

Isis Zone

The Isis Zone is defined by a broad gold-in-soil anomaly, downslope from the western extension of the Osiris Fault. Holes drilled in previous years have returned anomalous, but non-significant results for gold. Detailed mapping of the Isis area in 2013 suggested the faulted contact between a block of zebra banded dolostone with a package of variably limy siliciclastic rocks may source the mineralized anomaly. Three drill holes targeting this faulted contact were completed in 2013. All three holes encountered extremely rubbly faulted intervals, of which hole OS-13-215 returned the highest grade interval of 1.31 g/t Au over 3.05 m.

DISCUSSION AND CONCLUSIONS

The Rackla Gold Property lies at the boundary between Mackenzie Platform and Selwyn Basin, within geomorphological and geological settings similar to those at the Carlin gold district in northeast Nevada. At the eastern end of the 185 km long Rackla Gold Property, the Nadaleen Trend represents the first discovery of Carlin type gold mineralization in this belt of rocks. Encouraging new Carlin type mineralization encountered along the Nadaleen Trend during the 2013 exploration season promote continued exploration of the property and across the district.

Silt and soil sampling, prospecting and pit sampling surveys conducted in 2013 defined six new Carlin-type gold discoveries and three new base metal occurrences. Focused exploration along the structures within the geochemically anomalous trend at Anubis may result in further discoveries of Carlin type gold mineralization. Detailed mapping should be continued around all geochemical anomalies with particular attention paid to the recognition of folds, faults and favourable carbonate strata, as they are the principal controls on the location of mineralization in gold-rich, carbonate-hosted replacement deposits.

Pitting, designed to test the fertility of faults and geochemical anomalies in the Anubis area resulted in the definition of new showings surrounding Anubis. High grade silver-lead mineralization with gold enrichment was discovered at the Corona Zone. Gold and pathfinder mineralization was encountered at the Columba, Draco and Hydra Zones. Further work should extend mineralized pits into trenches, allowing for more detailed observations and sampling. Additionally, the coverage of subsurface sampling via, pitting, trenching and auger sampling should be completed.

Diamond drilling during 2013 focused on the Osiris Area. This drilling refined the controls of mineralization at the Conrad Zone through the definition of the Upper and Lower mineralized zones. Both these mineralized zones remain open along strike and at depth. The Lower Zone in particular needs more drilling to define its limits. Drilling at the Isis East Zone confirmed that mineralization is strongly stratigraphically controlled near the hinge of a south plunging anticlinal structure, but that this anticline is becoming very steep to overturned at depth. Surface work at the Isis Zone suggested a new control to mineralization, but drilling did not return significant gold values. The source of elevated gold-in-soil values at the Isis Zone may not be a feature that contains consistent grade but rather, the anomaly is representative of the absolute value of mineralization. More work is required to determine this.

The mapping, prospecting and pitting in the Anubis area, resulted in new discoveries of not only gold but silver, lead and zinc mineralization that occurs within or proximal to large scale faults. The success of using a systematic approach to evaluate the 12 km^2 pathfinder soil geochemical anomaly defining the Anubis area warrants continuation of this style of follow-up. In addition, carefully targeted drilling would help to evaluate mineral potential of the targets and structures at depth.

It is likely that undiscovered gold occurrences within the Rackla Gold Property occur at depth and may have relatively subdued surface signatures. Further exploration techniques should focus on the coincident presence of favourable indicator elements in soils occurring in association with favourable stratigraphy and structural features which facilitate auriferous fluid transport deposition.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Julia Lane, P.Geo.

Richard Phillips, GIT

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APPENDIX I

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Julia Lane, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2008 with a B.Sc. in Earth and Ocean Science.

2. From 2006 to present, I have been actively engaged in mineral exploration in Yukon Territory, British Columbia and Ontario.

3. I have been employed with Archer, Cathro & Associates (1981) Limited since June 3, 2007 and have been a partner in the company since March 1, 2012.

4. I am a Professional Geologist (P.Geo.) with the Association of Professional Engineers and Geoscientists of British Columbia (Licence Number 39441).

5. I have personally participated in the fieldwork reported herein and have interpreted all data resulting from this work.

Julia Lane, P.Geo.

STATEMENT OF QUALIFICATIONS

I, Richard Phillips, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2011 with a B.Sc. in Earth and Environmental Science.

2. From 2004 to present, I have been actively engaged in mineral exploration in Yukon Territory and British Columbia.

3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia.

4. I have personally participated in the fieldwork reported herein and have interpreted data resulting from this work.

Richard Phillips, GIT

APPENDIX II

STATEMENT OF EXPENDITURES

Statement of Expenditures
Nadaleen Group A (606 Claims)
March 1, 2014

Contract Diamond Drilling (including management)

Superior Diamond Drilling Inc. $251,902.67
4 drill holes (OS-13-219, 221, 222 & 223)

Sten 24	Hole 219	$ 69,756.82
	Hole 222	74,475.79
	Hole 223	63,170.02
Sten 26	Hole 221	44,500.04
		$251,902.67

Statement of Expenditures
Nadaleen Group B (676 Claims)
March 1, 2014

Contract Diamond Drilling (including management)

Superior Diamond Drilling Inc. 8 drill holes (OS-13-198, 202, 205, 207, 210, 212, 215 & 218)	$552,297.23

Sten 39	Hole 198	$ 89,413,07
	Hole 202	56,350.88
	Hole 205	71,696.31
	Hole 207	56,586.52
	Hole 210	87,078.22
	Hole 212	76,947.89
Sten 5	Hole 215	86,896.47
	Hole 218	27,327.87
		$552,297.23

Statement of Expenditures
Nadaleen Group C (715 Claims)
EN 1-54, 73-114, 133-174, EX 1-18, IS 1-28, OS 641-676, 749-770,
841-846, 913-1076, ST 25-54, 92-121, 254-283, 350-365, Sten 13-20, 59-89,
91, 93, 95, 97, 99, 101, 105-126, T 772-785, 810-823, 848-861, 890-903, 2972-3001,
3004, 3006, 3008-3049
March 1, 2014

Labour

T. Tamburri (field assistant) – 19 days – June & July @ $480/day	$ 9,576.00
J. Ashwell (field assistant) –19 days – June & July @ $360/day	7,182.00
J. Lessard (field assistant) – 19 days – June & July @ $360/day	7,182.00
R. Thomas (field assistant) – 19 days – June & July @ $344/day	6,862.80
	30,802.80

Expenses (including management fee)

Field room and board – 114 mandays @ $130/manday	16,805.88
Horizon Helicopters – 13.7 hrs AStar 330 @ $1,650/hr plus fuel	25,634.07
Atlin Small Engine	10,206.00
Alkan Air	90,155.27
15317 Yukon	50,803.20
ALS Chemex	65,131.42
	258,738.84
	$289,541.64

2,206 samples = $131.25/sample

Statement of Expenditures
Nadaleen Group D (750 Claims)
Dale 1-12, ST 1-24, 87-91, 432-517, Sten 90, 92, 94, 96, 98, 100, 102-104, 127-142, T 748-771, 786-809, 824-847, 862-889, 904-1071, 2296, 2298, 2342-2348, 2388-2397, 2428-2437, 2468-2477, 2508-2517, 2548-2557, 2588-2597, 2628-2637, 2668-2677, 2708-2717, 2748-2757, 2772, 2774, 2776, 2778, 2780, 2782, 2784, 2786, 2788-2807, 2815-2850, 2859-2870, 2871-2894, 2903-2938, 2950-2971, 3005, 3007 and WH 1-61 mineral claims
March 1, 2014

Expenses (including management fee)

ALS Chemex	$317,653.15

4,938 samples = $64.33/sample

Statement of Expenditures
Nadaleen Group E (750 Claims)
BT1-192, Jam 1-32, T 2158, 2160, 2162, 2164, 2166, 2168, 2170, 2172, 2174, 2176, 2178, 2180, 2182, 2184, 2186, 2190, 2192, 2194, 2196, 2198, 2200, 2202, 2204-2295, 2297, 2299-2341, 2349-2387, 2398-2427, 2438-2467, 2478-2507, 2518-2547, 2558-2570, 2571-2587, 2598-2627, 2638-2667, 2678-2707, 2718-2747, 2758-2771, 2773, 2775, 2777, 2779, 2781, 2783, 2785, 2787, 2808-2814, 2851-2858, 2895-2902, 2939-2949, 3132-3133 mineral claims
March 1, 2014

Labour

J. McDivitt - geologist – 2 days July at $616/day	$ 1,293.60
T. Tamburri - field assistant – 14 days August at $480/day	7,056.00
J. Lessard - field assistant – 14 days – August at $360/day	5,292.00
R. Thomas – field assistant – 14 days August at $344/day	5,056.80
	18,698.40

Expenses (including management fee)

Field room and board – 72 mandays @ $130/manday	10,614.24
Horizon Helicopters – 11.2 hrs AStar 330 @ $1,650/hr plus fuel	20,956.32
ALS Chemex	40,733.36
Transterritorial Inc.	63,403.65
	135,707.57
Total	$154,405.97

1,107 samples = $139.48/sample

Statement of Expenditures
Nadaleen Group G (715 Claims)
T 477-508, 521-747, 1072-1521 and 3126-3131 mineral claims
February 26, 2014

Labour

J. Lane (geologist) – 3 days – May to September @ $765/day	2,409.75
J. McDivitt (geologist) – 4 days – May to August @ $612/day	2,570.40
T. Tamburri (field assistant) – 6 days – August @ $476/day	2,998.80
T. Stefanic (field assistant) – 6 days – August @ $425/day	2,677.50
L. Wallinger (field assistant) – 6 days – August @ $391/day	2,463.30
J. Lessard (field assistant) – 6 days – August @ $357/day	2,249.10
	$ 15,368.85

Expenses (including management fee)

Field room and board – 38 mandays @ $135/manday	5,817.42
Horizon Helicopters – 10.8 hrs AStar 330 @ $1,650/hr plus fuel	20,207.88
Alkan Air	11,058.77
ALS Chemex	21,844.30
	$ 58,928.37
	$ 74,297.22

576 samples = $128.99/sample

Statement of Expenditures
Nadaleen Group H (710 Claims)
RR 1-222, T 1-476 and 509-520 mineral claims
February 26, 2014

Labour

J. Lane (geologist) – 2 days May to September @ $765/day	1,606.50
J. McDivitt (geologist) – 4 ½ days – July @ $612/day	2,891.70
J. McArthur (field assistant) – 11 ½ days – July and August @ $552.50/day	6,671.44
T. Tamburri (field assistant) – 4 ½ days – July @ $476/day	2,249.10
T. Stefanic (field assistant) – 11 ½ days – July and August @ $425/day	5,131.88
J. Lessard (field assistant) – 11 ½ days – July and August @ $357/day	4,310.78
R. Thomas (field assistant) – 4 ½ days – July @ $340/day	1,606.50
	$ 24,467.90

Expenses (including management fee)

Field room and board – 60 ½ mandays @ $135/manday	9,261.95
Fireweed Helicopters – 11 hrs Hughes 500D @ $1,050/hr plus fuel	13,999.23
Alkan Air	6,840.18
ALS Chemex	17,941.35
	$ 48,042.71
	$ 72,510.61

527 samples = $137.59/sample

APPENDIX III

ROCK, SOIL, SILT - SAMPLING AND ANALYTICAL PROCEDURES

2013 Prospecting and Excavator Pit Rock Samples

Rock geochemical sample sites on the property were marked with orange flagging tape labelled with the sample number. The location of each sample was determined using a handheld GPS unit. Rock sample descriptions are presented in Appendix III.

Excavator pit rock samples were collected in where deemed mineralogically or geologically relevant. Excavator pit rock sample descriptions are noted in Appendix VI.

All rock samples were submitted to ALS in Whitehorse, Yukon where they were dried and fine crushed to 70% passing 2 mm. A 250 g split of the crushed material was then pulverized to better than 85% passing 75 microns. Separate splits of the pulverized fraction were analyzed for gold by fire assay and atomic absorption spectroscopy (Au-AA26) and for 49 other elements using a four acid near total digestion technique (ME-MS61m) at ALS in North Vancouver, British Columbia. Mercury was analyzed for using HG-CV41 methods by aqua regia digestion and atomic adsorption spectroscopy.

2013 Soil Samples

Soil sample types ranged from grid samples taken at lines along a constant bearing, to contour and ridge and spur samples targeting constant elevations and high elevations respectively. Soil samples were taken using an auger, targeting `C` horizon soils below organic cover; sample depths ranging from 10-90 cm dependent on local soil development, vegetation and frozen ground conditions. Samples were placed in kraft soil sample bags, and sample sites were flagged and marked with stakes etched with assay tag number, line or point number and grid name. The soil samples were sent to ALS where they were dried and screened to 180 microns. Soils samples were sent for 51 element, aqua regia digestion using ICP-MS and ICP-AES assay analysis (ME-MS41). Gold values in soil samples were determined using a 30 gram nominal sample weight. The analytical process for quantitative determination of gold values was a fire assay fusion with an ICP-AES finish (Au-ICP21).

2013 Silt Samples

Silt samples were taken from in-stream silt-rich sediment or from silty accumulation within the roots of overhanging moss at the creek edge where stream conditions did not allow for sufficient silt build-up. Flagging marked with the assay sample number was used to mark silt sample locations. The stream sediment samples were sent to ALS, where they were dried, screened to 180 microns, dissolved in aqua regia solution and then analyzed for 51 elements using an aqua regia digestion and a combination of ICP-MS and ICP-AES for analysis (ME-MS41). Gold values in silt samples were determined using a 30 gram nominal sample weight. The analytical process for quantitative determination of gold values was a fire assay fusion with an ICP-AES finish (Au-ICP21).

APPENDIX IV

ROCK SAMPLE DESCRIPTIONS

SampleID	Easting	Northing	Comments
K311451	617078	7114819	Pale grey coloured argillite fragment in flaot. Not as porous as it appears. Abundant cg quartz in vein.
K311452	617040	7114781	Clast supported conglomerate. Matrix is preferentially oxidizing. Yellow powdery oxide material.
K311453	617003	7114563	Argillic alteration in oxidizing white quartzose grit. Not obvious what clasts were before alteration to clays.
K311454	616981	7114542	Medium grained gravelly sandstone. Oxidizing matrix. Associated quartz vein. 2 white bands.
K311455	616981	7114542	Siliceous gravelly argillite. Quartz veins.
K311456	616981	7114542	Hematitic, cleaved, sandy siliceous argillite.
K311457	609000	7110800	Highly silicified material occuring in association with base metal mineralization in limestone. Sourcing from historic trench perpendicular to a northerly trending structure.
K311458	617028	7114740	Small fragment of oxidizing argillite in float. Looks silicified. Proximal to quartz vein material.
K311459	617028	7114740	Euhedral quartz vein fragments and altered limonitic argillite wall rock.
K311460	617028	7114740	Small fragment of oxidizing breccia in float. Oxidizing matrix. Non calcareous.
K311461	617028	7114740	CG hydrothermal quartz with oxidizing wall rock slivers of fine grained, porous material.
K311462	617042	7114726	Gravelly, sandy, oxidizing, carbonaceous argillite. High porosity. Non calcareous.
K311463	617052	7114721	Siliceous argillite breccia fragment in float. Quartz matrix and limonitic weathering habit.
K311464	617058	7114720	Sandy, porous, carbonaceous argillite. Quartz veining and oxidative weathering habit. Locally VFg disseminated pyrite.
K311465	617058	7114720	Sandy, porous, carbonaceous argillite. Quartz veining and oxidative weathering habit. Locally VFg disseminated pyrite.
K311466	617058	7114720	Sandy, porous, carbonaceous argillite. Quartz veining and oxidative weathering habit. Locally VFg disseminated pyrite.
K311467	617063	7114711	Small quartz fragments, locally limonitic with wall rock sliver.
K311468	617063	7114711	Oxidizing, sandy, porous, carbonaceous argillite.
K311469	617061	7114677	Thicked bed of sandy argillite within thin beds of cleaner argillite.
K311470	617045	7114606	Argillite chips from outcrop in area of poor exposure.
K311471	617042	7114585	Barite vein breccia in argillite.
K311472	617042	7114585	Limonitic crackle breccia texture in argillite.
K311473	617049	7114557	Thicker beds of poorly sorted, gravelly, sandy, pyritic, porous argillites.
K311474	617049	7114557	Thicker beds of poorly sorted, gravelly, sandy, pyritic, porous argillites.
K311475	617063	7114557	Light grey, sandy silty micrite. Calcareous dark grey argillite clasts and grey sand and silt. Oxidiative weathering habit.
K311476	617063	7114557	Small fragments of highly porous breccia with oxidative weather. FG silica sinter.
K311477	617063	7114557	Assorted fragments of brecciated argillite. Oxidative weathering.
K311478	617058	7114558	Large boulder of brecciated argillite in float. Matrixx of purple, earthy granular material surrounding subangular breccia clasts. Non calcareous. Manganiferous?
K311479	617036	7114553	Brecciated argillite. White Qz matrix surrounding subrounded, porous argillite clasts.
K311480	616844	7114625	Oxidizing quartz grit. Only piece visible in float. Some clasts appeared altered to clays.
K311481	616837	7114631	White weathering piece in talus. Light grey silty micrite with disseminated calcite and barite.
K311482	616768	7114716	Siliceous breccia. Clasts within white hydrothermal quartz matrix are rounded to subrounded.

SampleID	Easting	Northing	Comments
K311483	616768	7114716	Siliceous breccia. Clasts within white hydrothermal quartz matrix are rounded to subrounded. Unidentified red mineral.
K311484	616768	7114716	Siliceous breccia. Clasts within white hydrothermal quartz matrix are rounded to subrounded.
K311485	616807	7114704	White, feathery, soft dark vitreous mineral (barite)
K311486	616807	7114704	Pebbly, sandy, carbonaceous siltstone.
K311487	616682	7114815	Barite in float.
K311488	616618	7114895	Argillite fragments from bottom of pit.
K311489	616575	7114913	Very small fragment of siliceous argillite breccia. May NSS
K311490	616575	7114913	Orange weathering highly porous sandstone. May have come from transported clast.
K311491	616465	7115011	Barite
K311492	616465	7115011	Siliceous breccia
K311493	616465	7115011	Hematitic siltstone
K311494	616768	7114716	Siliceous breccia, porous argillite clasts.
K311495	616768	7114716	Dark, carbonaceous, porous,. Sandy argillite. Minor silica and limonite in fractures.
K311496	616768	7114716	Dark, carbonaceous, porous,. Sandy argillite. Minor silica and limonite in fractures.
K311497	616916	7113944	Tan limestone fault breccia frags. Calcite veining, carbonaceous material in veins and fractures.
K311498	616916	7113944	Light grey micrite. Minor calcite, minor brecciation.
K311499	616916	7113944	Near massive coarse grained, euhedral calcite. Minor micrite clasts.
K311500	616916	7113944	Tan coloured micrite breccia, calcite veinlets and carbonaceous seams.
L840751	527400	7117360	Clay with rock fragments from pit.
L840752	527400	7117360	Clay with rock fragments from pit.
L840753	527400	7117360	Carbonaceous shale fragments from pit.
L840754	527658	7117278	Subangular volcanic clasts, locally oxidized with fine grained silvery sulphides
L840755	527658	7117278	Subangular volcanic clasts, locally oxidized with fine grained silvery sulphides
L840756	527658	7117278	Subangular volcanic clasts, locally oxidized with fine grained silvery sulphides
L840757	527658	7117278	Grey clay from pit.
L840758	526836	7117367	Silty flour material. Clay altered volcanic.
L840759	526836	7117367	Silty flour material. Clay altered volcanic.
L840760	526836	7117367	Resistant quartz veined volcanic. Local Ox with silvery sulphides.
L840761	526836	7117367	Resistant quartz veined volcanic. Local Ox with silvery sulphides.
L840762	526836	7117367	Resistant quartz veined volcanic. Local Ox with silvery sulphides.
L840763	526924	7117762	Rusty weathering dolostone with cubic pits on road.
L840764	527003	7117866	oxidzed dolostone with fine grained disseminated pyrite on road.

SampleID	Easting	Northing	Comments
L840765	532424	7122886	Rusty quartz vein material.
L840766	532424	7122886	Rusty quartz vein material.
L840767	532431	7122879	Rusty quartz vein material.
L840768	532431	7122879	Rusty quartz vein material. Also contains elongate black mineral.
L840769	532455	7122858	Orange-brown sandy oxide.
L840770	532455	7122858	Yellow oxide.
L840771	532455	7122858	Pitted quartzite? Yellow oxide in pits.
L840772	532483	7122812	quartz vein material.
L840773	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840774	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840775	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840776	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840777	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840778	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840779	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840780	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840781	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840782	532491	7122801	Oxide material from narrow NW vein.
L840783	532507	7122778	Orange oxide, sandy texture and abundant very fine grained clear vitreous mineral.
L840784	532507	7122778	White, sandy, porous, non calcareous sample. Oxidized seams. Bleached.
L840785	532530	7122745	oxide with bleached protolith.
L840786	532530	7122745	Very small fragments of garnet bearing skarn.
L840787	632564	7122735	Light coloured, pitted, locally oxidized tremolite? Skarn?
L840788	532573	7122730	Limonite
L840789	532573	7122730	Limonite
L840790	532573	7122730	Yellow, sandy oxide.
L840791	532639	7122712	Oxidized, actinolite skarn.
L840792	532639	7122712	sandy, powdery oxide material.
L840793	532788	7122684	light coloured oxidized skarn. Porous with relict amphibole pits? With oxidizing clevage seams.
L840794	532788	7122684	light coloured oxidized skarn. Porous with relict amphibole pits?
L840795	532788	7122684	Oxidized, abundant, clear, soft prismatic vitrous mineral.
L840796	532798	7122676	Highly oxidized tremolite bearing skarn from structure.
L840797	532798	7122676	Highly oxidized tremolite bearing skarn from structure.

SampleID	Easting	Northing	Comments
L840798	532798	7122676	Highly oxidized tremolite bearing skarn from structure.
L840799	532798	7122676	Highly oxidized tremolite bearing skarn from structure.
L840800	532798	7122676	sandy, oxide material from structure..
L862501	617024	7114697	Dark grey fractured siltstone.
L862502	617025	7114699	Brown argillic rock with oval inclusions which have concentric layers surrounding the oval.
L862503	616869	7114681	Dark argillic rock with interbedded white layers.
L862504	616853	7114632	Medium and f.g. dark rock, platy.
L862505	616852	7114629	Dark course grained sedimentary rock. Orange oxidized spots disseminated, some edges are flat.
L862506	616852	7114629	Dark course grained sedimentary rock. Orange-red oxidized spots disseminated. Quartz vein on one edge of rock, some clasts are beige and soft.
L862507	616807	7114666	Dark course grained sedimentary rock. Many small white spots, soft. One light grey spot.
L862508	616808	7114650	Quartz, some euhedral crystals. Slivers of medium grained sedimentary rock.
L862509	616817	7114640	Dark medium grained sedimentary rock. Light and dark banded, siliceous.
L862510	616817	7114640	Grey medium grained siliceous sedimentary rock. A few dispersed quartz crystals.
L862511	616829	7114627	Dark f.g. sedimentary rock. Sinster in the sunlight. Small quartz veins.
L862512	616874	7114589	Dark course grained sedimentary rock. Orange oxidized small spots disseminated, also white small spots disseminated that are very soft, clay alteration?
L862513	616872	7114608	Altered dark course grained sedimentary rock. Orange porous patches, white soft small spots.
L862514	616876	7114594	Quartz veined, dark, medium grained rocks. Some orange spots. Quartz vein and some euhedral crystals.
L862515	616878	7114597	Dark course grained sedimentary rock. Red staining. Some small soft white spots.
L862516	616881	7114589	Dark medium grained sedimentary rock with layers of beige porous material, also layers of orange rusty material.
L862517	616841	7114572	Altered, porous, soft, sandy rock. Beige-brown.
L862518	616841	7114570	Dark f.g. sedimentary rock, siliceous, quartz crystals.
L862519	616840	7114570	Dark f.g. siliceous sedimentary rock. Yellow-beige staining
L862520	616840	7114569	Dark f.g. siliceous sedimentary rock. Yellow-orange staining, some small quartz vein + brecciation.
L862521	616866	7114708	Brown medium grained, weakly calcareous, porous, small vugs, orange weathering.
L862522	616782	7114692	Dark medium grained sedimentary rock. Small white and beige dots disseminated throughout, that are soft.
L862523	616774	7114700	Dark rock, white weathering, vugs inside, bladed crystals of barite?
L862524	616766	7114723	Soft, brown, weakly calcareous locally, porous rock has been quartz veined
L862525	616656	7114843	Dark rock with white-clear mineral, barite? Rock is heavy, mineral is soft, some vugs. White weathering.
L862526	616621	7114898	Siltstone fragments, orange-yellow staining on rock. 2.5 ft. deep
L862527	616621	7114897	Siltstone fragments 1 ft. deep.
L862528	616546	7115080	Siltstone fragments, some are inter-bedded with white material.
L862529	616529	7115088	Dark course grained sedimentary rock. Porous locally with orange-beige zone.

SampleID	Easting	Northing	Comments
L862530	616305	7115127	Dark f.g. rock which has heavy mineral in it, barite?
L862531	616339	7115093	Dark course grained sedimentary rock which is heavily quartz veined, euhedral in vugs and veins, porous locally.
L862532	616370	7115051	Siltstone fragments, yellow fractures inside
L862533	616900	7114169	Dark siliceous rock that is porous and vuggy.
L862534	616922	7113936	Dark grey limestone, calcite veined, one small chunk of realgar in a calcite vein.
L862535	616921	7113937	Light grey-beige, brecciated limestone, black veinlets cross cutting each other. HCL breaks down rock.
L862536	616921	7113937	Grey brecciated limestone. Black veinlets, black section of rock on fracture, carbon?
L862537	616920	7113937	Grey brecciated limestone. Black veinlets, lots of black material in fractures. HCL breaks down rock.
L862538	616936	7113916	Grey-orange limestone. Small dark calcite veins. Hardness > 5.
L862539	616948	7113925	Light grey brecciated limestone. Rock is porous and sandy looking, moderate HCL reaction. Small black blobs with orange halo.
L862540	616972	7113891	Grey micrite with small black veinlets, calcite blebs and orange blebs that lustre, sphalerite?
L862541	616965	7113880	Grey-beige limestone, calcite veined, many black spots, some orange staining.
L862542	616964	7113880	Grey limestone. On weathered surfaces bands can be seem by one being more recessive. HCl reaction goes on for longer that usual.
L862543	616969	7113909	Grey micrite with hardness greater than 5, calcite veined. Some black spots, realgar in vugs
L862544	616966	7113922	Grey micrite in contact with calcareous material which has rounded clasts of white and beige material that are soft, and some black blobs, fault rock?
L862545	616899	7114065	Dark fractured siltstone, fractures filled with quartz.
L862546	616899	7114064	Dark siltstone with some light grey bands, some crystalline looking parts to rock.
L862547	616701	7114026	Dark grey limestone with parallel calcite veins. Rock is weakly folded. Dark patches in limestone.
L862548	616701	7114026	Light brown brecciated limestone, small black veinlets, orange staining.
L862549	616701	7114026	Light brown-orange brecciated limestone, soft, calcite veined.
L862550	616701	7114026	Dark grey limestone, heavily calcite veined, realgar in veins and vugs.
L862551	616387	7115068	Dark and light grey bands of fault gouge, small fragments of rock, clay.
L862552	616387	7115067	Dark siliceous rock, crystalline looking with orange calcite veins.
L862553	616387	7115068	Dark crystalline rock, heavy, calcite blobs.
L862554	616387	7115068	Dark limestone with many parallel calcite veins.
L862555	616373	7115052	Dark fractured siltstone
L862556	616373	7115053	Dark fractured siltstone.
L862557	616372	7115053	Dark fractured siltstone, bands of orange, and one band on pyrite crystals.
L862558	616563	7114191	Grey siliceous rock, vuggy, small quartz crystals? Red staining
L862559	616702	7114020	Grey hard limestone, black veinlets, calcite veins
L862560	616701	7114019	Grey fractured micritic limestone, black veinlets, calcite in fractures, hard.

SampleID	Easting	Northing	Comments
L862561	616703	7114029	Grey brecciated, silicified limestone, calcite in fractures, black veinlets.
L862562	616702	7114029	Grey brecciated limestone. Light grey clasts are sub rounded and some are fractured by dark grey veinlets. Matrix is dark grey. Calcite veins.
L862563	616624	7114055	Dark grey fractured, silicified limestone. Calcite in fractures and some veins of calcite.
L862564	616625	7114063	Light grey brecciated, silicified limestone. Black and white calcite veins.
L862565	616628	7114055	Beige -orange clay altered limestone. Orange material is softer than beige. Porous and many black veinlets.
L862566	616630	7114050	Beige-orange-grey clay altered limestone. Orange material is the softest and has some vugs. Many black veinlets, calcite veins.
L862567	616630	7114048	Grey limestone, porous and many black veinlets. Some black blobs in one location.
L862568	616630	7114048	Orange clay altered limestone. Porous, soft, black veinlets, calcite blobs, some vugs.
L862569	616630	7114048	Rock showing clay alteration front. Orange soft porous material against grey limestone. Grey limestone has calcite vein 1cm thick and brown porous material.
L862570	616620	7114076	Grey limestone, calcite veined, area with vuggy black material.
L862571	616620	7114078	Grey brecciated limestone, calcite veins and black material.
L862572	616531	7114103	Beige -orange clay altered limestone. Orange material is softer than beige. Porous and many black veinlets. Calcite vein.
L862573	616570	7114136	Siltstone fragments.
L862574	616595	7114162	Siltstone fragments.
L862575	616638	7114104	Siltstone fragments
L862576	616787	7114051	Siltstone fragments
L862577	616619	7114847	Auger sample from bottom of pit, rock fragments and dirt.
L862578	616619	7114847	Rock fragments and dirt.
L862579	616619	7114848	Red, vuggy, porous, heavy, rock. Hematite?
L862580	616619	7114848	Red-maroon, vuggy rock. Hematite?
L862581	616855	7114602	light and dark grey fault gouge. Clasts of rock, mostly siltstone.
L862582	616856	7114602	Orange and grey dirt and some small rock fragments.
L862583	616856	7114603	dark siltstone fragments and dirt.
L862584	616856	7114603	light grey + grey dirt, and fragments.
L862585	616812	7114016	siltstone fragments
L862586	616501	7114179	siltstone fragments.
L862587	616455	7114209	Beige-grey brecciated limestone, black veinlets.
L862588	616519	7114069	Grey, brecciated, silicified limestone. Calcite in cracks, black veinlets
L862589	616538	7114061	Grey limestone with brown porous, calcite rich area.
L862590	616527	7114080	Grey calcareous rock, porous. Fault rock? Many broken up euhedral calcite crystals, black blobs disseminated. Vuggy and orange spots.

SampleID	Easting	Northing	Comments
L862591	616527	7114080	Dark grey calcareous, porous, fault rock? Many broken up euhedral calcite crystals. Black blobs disseminated. Vuggy orange spots, some brown porous areas.
L862592	616547	7114084	Dark fractured, silicified limestone. Calcite in fractures.
L862593	616443	7114345	Siltstone fragments.
L862594	616668	7114179	Siltstone fragments.
L862595	616125	7114220	Grey limestone with areas of lots of clay alteration that is broken up by black veinlets, calcite vein also.
L862596	616123	7114219	Grey-beige limestone, black veinlets.
L862597	615938	7114240	Grey calcareous rock with vugs and clasts of lighter colors, also clasts of orange-red. In contact with really vuggy clay altered rock, vugs are created by clay weathering and calcite veins being more resistive. Rock is porous and soft.
L862598	615931	7114241	Orange-beige clay altered limestone. Black veinlets, porous, soft, vuggy.
L862599	615929	7114259	Clay altered limestone, orange. Vuggy and soft with calcite vein and grey crystalline limestone.
L862600	615953	7114414	Siltstone fragments.
L862601	615736	7114375	grey calcareous material, orange blobs, broken up euhedral calcite crystals. Black material.
L862602	615736	7114375	Grey fractured limestone. Calcite veins.
L862603	615790	7114314	grey limestone, calcite veins. Zone of clasts, fault rock? Clasts of orange and red, porous.
L862604	615790	7114314	Dark grey calcareous fault rock that has broken up calcite crystals, orange blobs.
L862605	615779	7114312	Beige fractured, silicified limestone. Calcite in fractures.
L862606	615779	7114312	Orange-beige, soft, porous, clay altered limestone, black veinlets.
L862607	615779	7114316	Tan, clay altered limestone, black veinlets.
L862608	615814	7114308	Grey calcite veined limestone.
L862609	615811	7114267	Grey crystalline limestone, fractured, black veinlets.
L862610	615811	7114267	Grey crystalline limestone, calcite veins, some orange patches.
L862611	615810	7114269	Grey limestone, calcite veins, some orange material.
L862612	615810	7114269	Tan-beige clay altered limestone, calcite veins are resistive in rock making it vuggy.
L862613	615810	7114269	Brown calcareous material broken up by calcite crystals, fault rock? Vein breccia? Galena in rock.
L862614	615858	7114273	Calcite vein breccia, clasts of grey limestone with black veinlets, grey limestone, orange blobs.
L862615	615858	7114273	Dark calcarious rock with calcite blobs, parallel dark vein + calcite vein.
L862616	615813	7114244	Fractured limestone, grey, with black bits through out rock, surrounded by calcite.
L862617	615847	7114220	Grey and clay altered limestone broken up by calcite vein.
L862618	615825	7114252	Grey brecciated, silicified limestone, calcite in fractures.
L862619	615825	7114257	Brown calcareous material brecciated by calcite, orange spots, porous.
L862620	616681	7114297	Siltstone fragments + grey soil.
L862621	616547	7114415	Siltstone fragments + brown soil.
L862622	615865	7114207	Light grey, sandy LS. Black veinlets.

SampleID	Easting	Northing	Comments
L862623	615869	7114207	Grey calcareous rock, calcite veined, orange patch in fracture.
L862624	615870	7114207	Dark grey limestone with dark patches in fractures and black veinlets.
L862625	615870	7114208	Tan limestone, half is porous and vuggy, other half is crystalline limestone.
L862626	615862	7114191	tan clay altered limestone inter fingered with grey crystalline sandy limestone.
L862627	615806	7114269	Calcite vein breccia, clasts of limestone, oxidized clasts, metallic mineral in calcite, galena? Tetraherdite?
L862628	615806	7114269	Calcite vein breccia, clasts of limestone, oxidized clasts, metallic mineral in calcite, galena? Tetraherdite?
L862629	615779	7114298	Grey calcareous vein breccia, orange oxidized clasts, limestone clasts.
L862630	615779	7114299	Grey silicified limestone, minor reaction to HCL and no reaction to HCL in some spots., minor calcite in fractures.
L862631	615765	7114307	Grey fractured, crystalline limestone, calcite veins, cinnibar in one fracture.
L862632	615767	7114306	Grey fractured, crystalline limestone, calcite veins, cinnibar in one fracture.
L862633	615764	7114312	Grey crystalline limestone with circles of clay altered tan material, brecciated zone of clay altered limestone.
L862634	615773	7114309	calcite vein breccia, calcareous, dark and light grey with orange patches
L862635	615759	7114310	Tan, fractured, soft, sandy, porous limestone.
L862636	615733	7114317	Grey fractured limestone.
L862637	615733	7114316	clay altered limestone, vuggy, porous with white calcite crystal veins. Limestone broken up.
L862638	615721	7114309	Grey calcite veined limestone with lots of black-brown infill of fractures.
L862639	615732	7114307	Grey-beige limestone, fractured, crystalline, some vuggy tan patches. Some black material in fractures.
L862640	615728	7114352	Intensely altered limestone. Silicified, quartz on one weathered surface. Grey calcareous, porous, realgar flakes.
L862641	615728	7114352	Intensely altered limestone. Grey, porous, calcareous, disseminated realgar.
L862642	615728	7114352	Intensely altered limestone. Brown, porous, weakly calcareous, sandy, maroon and dark black material in bands and fractures.
L862643	615729	7114353	Intensely altered limestone. Tan-beige, porous, highly calcareous, sandy, green staining one zone.
L862644	615729	7114353	Intensely altered limestone. Brown, porous, calcareous, black zones, weakly calcareous in other zone with many colors.
L862645	615729	7114354	Intensely altered limestone. Dark green brown, bands of weakly calcareous, porous. Broken clases of light grey material, porous and calcareous. Small, 1mm, crystal of cinnabar. Some oxidized vugs.
L862646	615729	7114354	Intensely altered limestone. Grey silicified, porous, variable reaction to HCL.
L862647	615729	7114354	Intensely altered limestone. Dark brown, sandy, porous, variable reaction to HCL, maroon colors.
L862648	615729	7114354	Intensely altered limestone. Dark brown, porous, variable reaction to HCL. Large patch of black carbonaceous material.
L862649	615726	7114369	Grey calcite veined limestone, some small oxidized patches
L862650	615679	7114357	Grey calcite rich limestone, porous, sandy.
L862651	615678	7114360	Tan-beige, clay altered limestone, black veinlets, small oxidized patches.
L862652	615676	7114360	Grey limestone, black veinlets, fracture with black material on vugs that have sharp points in them.
L862653	615670	7114360	Tan-clay altered limestone, black veinlets, porous, moderate reaction to HCL.

SampleID	Easting	Northing	Comments
L862654	615669	7114359	Tan-orange-clay altered limestone, in contact with grey crystalline, calcite rich limestone.
L862655	615645	7114369	Tan clay altered, calcite veins, black veinlets, porous.
L862656	615646	7114369	Light grey, porous, limestone, with many black streaks and blobs throughout.
L862657	615644	7114374	Grey, porous, sandy, calcarious limestone with calcite crystals.
L862658	615644	7114374	Grey limestone with oxidized clasts, red staining, calcite vein.
L862659	615641	7114373	Grey fractured limestone. Porous, minor silicified, some vugs, lots of calcite. Fleck of realgar in one vug.
L862660	615639	7114375	Grey, moderately silicified limestone. Fractured, calcite veined.
L862661	615513	7114464	Grey limestone, calcite vein, lots of black porous material.
L862662	615511	7114461	Dark grey crystalline limestone, calcite veined.
L862663	615630	7114496	Siltstone fragments, dirt and oxidized clasts, other rocks. Possibly transported.
L862664	615681	7114436	Grey limestone, black veinlets, fractured with black material that is bumps and sharp.
L862665	615602	7114467	Grey limestone with fractures, lots of black porous material in fractured, calcite vein with realgar, some calcite near realgar is oxidized, black material increase by the oxidization.
L862666	615603	7114464	Dark grey limestone, black veinlets, black non-calcarious material in fractures.
L862667	615579	7114433	Dark grey-black limestone, calcareous, black porous material on limestone.
L862668	615578	7114433	Grey calcareous, porous, some oxidized parts, crystalline looking.
L862669	615620	7114402	Grey crystalline, calcite rich, realgar in a calcite vein.
L862670	615604	7114417	Dark grey recrystallized limestone. Crystal faces, calcite?, luster as rotated, calcite vein.
L862671	615604	7114417	Tan, sandy, porous, calcareous material surrounding light grey porous, moderate calcite reaction in clasts, some dark grey calcite?
L862672	615604	7114417	Beige sandy, soft, porous, calcareous, some fractures.
L862673	615605	7114416	Broken up tan-beige, sandy, porous, soft material, broken up by black calcite crystal faces showing.
L862674	615596	7114391	Calcite vein breccia, grey calcite rich. Soft tan porous that is not as reactive with HCL clasts, and also some oxidized clasts.
L862675	615613	7114389	Grey, black veinlets, limestone. Brecciated, weak HCL reaction, realgar in calcite vein. Porous.
L862676	615672	7114413	Grey silicified limestone, calcite veins, hard, weak HCL reaction, one part has bands of bark material.
L862677	615497	7114488	Grey calcareous, clastic limestone. Some clasts are orange oxidized, calcite crystals in spots, some clasts are other limestone.
L862678	615497	7114488	Grey calcareous, clastic limestone. Some clasts are orange oxidized, calcite crystals in spots, some clasts are other limestone.
L862679	615497	7114488	grey clastic limestone, some oxidized clasts, calcite vein with oxidized material surrounding vein.
L862680	615497	7114488	Grey limestone, calcite crystals, realgar in vug or calcite.
L862681	615497	7114488	Grey limestone with black veinlets, calcite veins, oxidized patches.
L862682	615497	7114488	Grey limestone, black veinlets, calcite veins, oxidized patches.
L862683	616699	7114028	Rock fragments and dirt.

SampleID	Easting	Northing	Comments
L862684	616697	7114030	Rock fragments and dirt.
L862685	616697	7114032	Brown calcareous rock, oxidized clasts, calcite rich, lots of calcite crystals/vein. Oxide material, very calcareous and porous.
L862686	616694	7114033	Grey porous clastic limestone, clasts up to 5mm, realgar fleck in rock.
L862687	616694	7114032	Grey, calcite rock limestone, porous, some tan breccia on outside of rock.
L862688	616691	7114027	Rock fragments and dirt.
L862689	616692	7114026	Rock fragments and dirt
L862690	616692	7114026	grey calcite rich, porous, some small orange oxidized clasts.
L862691	616692	7114026	grey calcite rich, mostly crystals, limestone. Porous, oxidized spots.
L862692	616692	7114026	grey porous, some tan-oxide zones, calcite vein and crystals throughout.
L862693	616692	7114026	Brown, calcite rich, calcite crystals porous, some oxidized looking spots.
L862694	616692	7114026	Red-maroon, calcite crystals, porous, oxidized clasts.
L862695	616699	7114028	Grey clastic limestone. Porous calcite crystals, oxidized clasts and clasts of calcite.
L862696	628743	7112183	Debris slide rock, poorly sorted, slick n' slides trending 55 and dip steep. Sample is of slick n' slides with arsenic oxide staining.
L862697	628751	7112181	orange oxide weathering, a clast in debris slide? Crystalline looking, grey, calcareous if scratched.
L862698	628776	7112171	dark brown soil and weathered rocks. Rocks are limestone, some limonitic alteration, sub crop?
L862699	628776	7112171	light grey clay, rusty rock fragments.
L862751	628776	7112171	brown-green soil and rock fragments, limestone mostly. Could be highgrade rocks in here not representative of bed rock.
L862752	628776	7112171	oxide coated, grey clastic limestone, calcite veins, some limonitic alteration.
L862753	628776	7112171	black and brown, f.g. calcarious rock, brown more reactive than black material.calcite veined.
L862754	628860	7112023	grey weathering and orange weathering dolostone contact, trending 320. grey clay with f.g. rock fragments, oxidized rock fragments too
L862755	628865	7112023	decarbed-oxidized, porous, weakly calcareous locally. Looks clastic, beige-tan-grey parts separately. Some black-white dolomite. This rock was found by digging with geotool, near the ridge, so it could not have come from far away.
L862756	628814	7112115	fully decarbed, light to dark grey, orange-grey weathering, some weak HCl reaction locally, rock looks clastic.
L862757	628814	7112115	green-brown weathering, some grey limestone with brown parts inside. Calcite, realgar chunk and some disseminated.
L862758	628221	7112538	talus fines + dirt+ rock fragments, green and maroon siltstone.
L862759	628222	7112530	talus fines + dirt+ rock fragments, green and maroon siltstone.
L862760	628351	7112409	Black and orange rock. Brown weathering, limonitic alteration, many orange spots. HCL reaction is delayed, Reacts more readily when scratched, coating? Platy rock. Plates are 0.5-2cm thick.
L862761	628351	7112409	Black and orange rock. Brown weathering, limonitic alteration, many orange spots. HCL reaction is delayed, Reacts more readily when scratched, coating? Platy rock. Plates are less than 0.5 cm thick.

SampleID	Easting	Northing	Comments
L862762	628597	7112267	In recessive gully below hole 72. Weak kill zone with altered rocks. Pit was dug to source altered rocks, frozen ground encountered, no source found, but the rocks could not have come from far, ridge is near. White-grey-vuggy weathering, brown-beige inside, porous, green As oxide, silicified and decarbed.
L862763	628597	7112266	In recessive gully below hole 72. Weak kill zone with altered rocks. Pit was dug to source altered rocks, frozen ground encountered, no source found, but the rocks could not have come from far, ridge is near. White-grey-vuggy weathering, brown-beige inside, porous, silicified and decarbed.
L862764	628537	7112204	In recessive gully below hole 72. White-grey-vuggy weathering, silicified and decarbed, quartz crystals.
L862765	628663	7112291	Dug in location because green soil showing at surface. Orange dolostone, black spots.
L862766	628652	7112306	Grey-orange weathering, white-beige inside, weak HCl reaction, stronger when scratched. Locally porous, quartz added to rock, some small crystals. Little flecks of realgar.
L862767	628653	7112301	Grey-orange weathering, orange-beige inside, weak HCl reaction, stronger when scratched. Locally porous, quartz added to rock, some small crystals. Realgar in vugs.
L862768	628653	7112300	Grey-orange weathering, white-beige inside, weak HCl reaction, stronger when scratched. Locally porous, quartz added to rock, some small crystals. Galena crystal 1mm.
L862769	628653	7112300	orange-brown-black soil horizon above subcrop of mineralized rock. Soil has low clay content.
L862770	628667	7112302	grey, black dolomite veins react with HCL when scratched, limonitic alteration.
L862771	628667	7112302	pink-red-orange dirt + rock fragments. Frozen at time of removal from pit, It is sandwiched between two layers of subcrop.
L862772	628667	7112303	grey, beige-white veins(dolomite), rock reacts to HCl when scratched.
L862773	628655	7112280	tan-grey weathering, black spots inside, very hard locally, rock is mostly grey and only reacts to HCL when scratched. Slightly heavy. Subcrop.
L862774	628654	7112281	Sandy dirt and rock fragments, grey-dark green-tan-beige-brown. Sub crop
L862775	628655	7112280	Sandy dirt with rock fragments. Black-orange-brown-grey. Sub crop
L862776	628655	7112280	sandy dirt + rock fragments, light grey-green-beige-orange with black in it. Decarbed grey rocks. Sub crop.
L862777	628654	7112279	Black sandy weak rock/soil. Porous, lots of arsenic according to XRF.
L862778	628654	7112278	Green-grey weathering, grey inside and green staining. Black fractures, slightly heavy. Subcrop
L862779	628778	7112162	Black and white limestone, lots of realgar in rock. Rock has been transported from within 30m up slope.
L862780	628783	7112156	Grey and white limestone, altered. Brown-tan porous areas throughout rock. Lots of realgar in rock.
L862781	628784	7112152	light green, fine laminated, non-calcareous rock, realgar flakes in rock.
L862782	628804	7112122	grey rock, black veinlets, calcite and quartz added to rock, realgar flakes, reacts to HCL with scratched.
L862783	628804	7112123	Green-beige-grey rock, reacts to HCL when scratched, realgar in rock.
L862784	628476	7112436	red-brown weathering, vuggy limonite, some pieces have resistive veins showing, assorted fragments from slope going into gully.
L862785	628460	7112430	Red-brown weathering, vuggy, cobble size limonite rock with sandy porous dirt in the middle.
L862786	628480	7112428	At soil sample of 728 ppb. Small 1ft deep pit, frozen ground, sample of dirt and dolostone rock fragments.

SampleID	Easting	Northing	Comments
L862787	628474	7112461	Grey-orange, knubbly, weathering. Locally quartz added to rock, non calcareous, some zones of rock are brecciated, some parts are porous, vuggy.
L862788	628491	7112527	on slope leading into gully, below 500 bbp in soil. Grey course grained rock, black bits, quartz added, rock reacts to HCl when scratched, dolomite crystals.
L862789	628488	7112527	Grey black orange, most of rock needs to be scratched to react to HCL, locally is reacts to HCL weakly. Black spots, some vugs with quartz crystals.
L862790	628500	7112536	Side of gully sample, rock has not travelled far. Grey and black-beige, non-reactive veins, black angular clasts, fractured, reacts to HCL when scratched.
L862791	628502	7112547	Grey rock that reacts to HCL when scratched. Vugs with quartz-calcite and non-calcareous carbonate mineral. Black material. Small fleck of realgar.
L862792	628497	7112543	Side of gully. Grey, weakly calcareous, clastic rock, clasts up to 1cm. Black material in patches, porous locally. Vugs with quartz crystals.
L862793	628494	7112539	Grey vuggy dolostone with calcite in vugs and fractures. Quartz in vugs, black and brown porous patches.
L862794	628494	7112543	Grey, vuggy, dolostone, weakly calcareous. One part of rock is f.g. siliceous rock, some black material in rock.
L862795	628574	7112567	Grey, knubbly weathering. Grey porous vuggy inside, decarbed, some beige and brown patches
L862796	628581	7112562	Grey-orange weathering, grey-white rock that has parts which react with HCL and parts that don't. Calcite vein.
L862797	628580	7112555	Rock is totally decarbed, grey breccia porous rock in matrix of sandy green material, slightly calcareous.
L862798	628583	7112557	Grey-brown weathering, vuggy porous, green staining, reacts to HCL weakly and more so when powdered, silicified and decarbed.
L862799	628587	7112553	Limonite fragments
L862800	628603	7112526	Dark grey weathering, sandy beige porous inside, some open fractures, realgar crystals, rock sinsters in the light, shows silicification.
L862801	628603	7112526	Grey green, porous rock that reacts to HCL moderately once it has soaked in. Decarbed + silicified.
L862802	628645	7112491	limonite fragments, maroon-brown weathering, porous vuggy, soft.
L862803	628652	7112490	On weathered surface rock shimmers small crystals, showing silicification that looks f.g. Rock is green-grey, porous, fractured, some soft parts, mostly hard, silicified and decarbed.
L862804	628653	7112489	Grey crystalline dolostone, quartz vein + fracture with realgar + orpiment.
L862805	628670	7112467	Grey-orange weathering, grey dark brown, black inside, porous, reacts moderately with HCL once soaked in, black material.
L862806	628678	7112459	Black-grey weathering, quartz resistive, inside bands of green-grey-black, moderately porous and reactive.
L862807	628676	7112453	Dark rock broken up, green-grey, locally porous in grey area.
L862808	628632	7112478	Grey-black weathering, white-light grey inside, porous, vuggy, realgar in rock, weakly reactive to HCL.
L862809	628687	7112424	Grey-orange--green weathering, dolostone, weakly reactive, hard, small quartz crystals with realgar around them, black small stringers throughout.
L862810	628674	7112404	orange weathering limonite.
L862811	628676	7112382	orange weathering dolostone. Heavy, oxidized, limonitic alteration, silver-blue-metallic staining.
L862812	628865	7112023	orange weathering, limonite.

SampleID	Easting	Northing	Comments
L862813	612154	7112668	Black fossiliferous limestone. Beige staining, some calcite crystals, platy rock.
L862814	612158	7112656	Grey crystalline limestone, quartz added to rock, can be see on weathered surface and inside. Minor limonitic alteration.
L862815	612156	7112640	patch of rocks where many are broken down to small fragments less than 4cm. Sample is of the fragments, course black limestone, calcite veined, moderately porous.
L862816	612156	7112640	Grey course crystalline limestone, calcite veins, beige-orange limonitic alteration.
L862817	612150	7112633	black course limestone, some black material in fractures, quartz added to rock which is resistive weathering.
L862818	612150	7112633	grey-white weathering. White inside, siliceous , weak reaction, one black metallic mineral 1mm large with orange halo around. Moderately porous.
L862819	612143	7112623	brown-grey weathering, siliceous rock, some calcite +quartz crystals in fractures, brecciated?
L862820	612065	7112575	dark siltstone, quartz veins, orange-porous patches.
L862821	612057	7112559	Siltstone at location where bedding changes orientation, fault? Sample rock at contact, black siltstone, minor limonitic alteration.
L862822	612054	7112534	Grey, sandy, slightly porous fossiliferous limestone. Some orange parts.
L862823	612054	7112508	oxidized, brown, vein? In fossiliferous limestone. Many small fragments sampled.
L862824	612005	7112750	Grey weathering, black siltstone, fractured. Brecciated?, hard greater that 6.
L862825	611997	7112761	black siltstone, quartz veined, vuggy, porous area, some orange associated with quartz.
L862826	611975	7112841	Grey weathering, black siltstone, moderately porous.
L862827	611913	7112725	folded siltstone (open fold), quartz vein + minor limonitic alteration
L862828	611918	7112741	green-beige staining/weathering. dark grey fractured siltstone.
L862829	612034	7112604	black fractured siltstone, green beige staining, some vuggy sections, some quartz breccia.
L862830	612134	7112523	Dull grey matrix with calcite crystals/fossils, limestone. Orange coating/weathering, black clast.
L862831	612165	7112538	Fractured, non-calcareous rock, light green. In contact with limestone, brown porous material, fractures/vugs with quartz.
L862832	612184	7112528	orange-grey weathering, slightly porous limestone. Course, limonitic alteration
L862833	612210	7112505	in recessive saddle, rock with 2cm thick parallel veins of barite + calcite, rock around veins is orange-grey, porous, calcareous. Rock is heavy.
L862834	612210	7112505	In recessive saddle. Orange weathering, tan-orange, porous inside, crystals of barite, calcareous, heavy.
L862835	612210	7112505	massive barite with calcite and limonite in space between crystals.
L862836	612106	7112412	Grey-brown weathering, light grey and grey inside. Non-calcareous, porous rock. Quartz crystals on outside, in vugs?
L862837	612106	7112408	Brown weathering. Siliceous rock, quartz crystals, tan part that is porous with black discontinuous veinlets.
L862838	612111	7112403	Orange-brown weathering, grey-white inside, some calcite, Grey part is non-calcareous and porous. Some oxide bits in rock.
L862839	612113	7112394	Knubbly weathering, dark grey-brown weathering. Inside grey-white, vuggy, some oxide bits. Remnant fossil. Silicified and decarbed rock, black minerals.
L862840	612120	7112394	Grey-brown weathering, orange-white-black inside. Porous, non-calcareous, siliceous, calcite precipitate.

SampleID	Easting	Northing	Comments
L862841	612114	7112397	brown-orange weathering. Dull drown inside. Porous, quartz vein+fracture with crystals.
L862842	612114	7112396	Brown weathering grey altered limestone, orange oxide patches, quartz added, porous, black material in vugs/fractures.
L862843	612103	7112403	Grey weathering, grey-black inside, quartz rich, silicified, porous, black blob in vug that lusters vitreous and is very soft, powders to black, some light and dark bands.
L862844	612103	7112405	Grey weathering, grey-black inside, quartz rich, silicified, porous, some light and dark bands.
L862845	612451	7112453	Brown-orange rock, porous, calcareous, some calcite crystals.
L862846	612460	7112445	orange weathering, calcite crystals, porous, red staining. Calcareous, with some grey limestone.
L862847	612553	7112318	brown-orange weathering. Orange inside, very porous, non-calcareous.
L862848	612552	7112317	Brown weathering altered fossiliferous limestone. Weakly reactive locally, porous, quartz in rock, some vugs.
L862849	612527	7112274	Brown weathering, f.g. non-calcareous rock, brecciated, vugs.
L862850	612034	7112284	In gully. Siltstone fold hinge, quartz veins, vuggy, some limonitic alteration.
M389101	619579	7112036	Altered limestone found in talus
M389102	619043	7113079	Chert pebble conglomerate/sandstone bed with pyrite and maybe arsenopyrite
M389103	619028	7113073	Siltstone and shale proximal to shallow, NE dipping slip plane along with 'normal' sense of displacement.
M389109	617047	7113935	collected from subcrop encountered along soil line.
M389124	629929	7113755	quartz veining in quartz granular sandstone that is characterized by the presence of large (1-2 cm) pyrite nodules.
M389125	629940	7113714	quite intensely deformed and quartz veined sediment found in float.
M389126	629842	7113423	quartz veining in green and orange weathering siliciclastics with minor limestone.
M389127	629842	7113423	mildly calcareous siliciclastic with vugs infilled with calcite.
M389128	629842	7113423	altered rock of unknown protolith - either siliciclastic or limestone
M389129	629919	7113356	mildly decarb'd limestone? Looks a lot like beef calcite.
M389130	629919	7113356	fault gouge?
M389132	633374	7113161	orange-brown oxidized sulphide nodules found as float in talus. Abundance rare - but more than one nodule was discovered at this location.
M389133	633374	7113161	white Quartz wit oxidized stringers running through the samples collected from within talus as float. Overall abundance - fairly common within a 10 m2 or so area.
M389135	633555	7112753	dark grey siltstone interbedded with thin sandstone beds that may contain disseminated pyrite. Sampled because of what looks like AsO on surface. See photos associated with station JCM-13-1327
M389136	633555	7112753	dark grey siltstone interbedded with thin sandstone beds that may contain disseminated pyrite. Sampled because of what looks like AsO on surface. See photos associated with station JCM-13-1327
M389137	632808	7112883	quite strongly FeO material in reddish-brown sandstone horizons possibly interbedded with limestone and siltstone.
M389138	632676	7112865	faulted contact between reddish brown sandstone wedge (east) with limestone interbedded with siltstone. Faulted contact here is marked by calcite veining and bleaching of siliciclastics to a pale grey-greenish colour. See notes and photos associated with Station JCM-1335

SampleID	Easting	Northing	Comments
M389139	634296	7110845	AsO fault gouge? In intensely deformed silt/mudstone immediately north of thrusted contact with massive limestone debrites to the south. See JCM-13-1379 for photos.
M389140	634296	7110845	Intenstly deformed silt/mudstone immediately north of thrusted contact with massive limestone debrites to the south. Here siltstone looks to have sulphide rich (py or apy?) veins running along crenulating cleavage. See JCM-13-1379 station notes for photos.
M389141	634296	7110845	Thrust fault in silt/mudstone immediately south of thrusted contact with limestone debrites to the south. Thrust fault here looks to be associated with a slight hint of arsenic oxidation? See JCM-13-1379 station notes for photos.
M389142	633334	7110391	Silicified sandstone horizon? Rich with sulphides, most likely pyrite. See station JCM-13-1388 for photos.
M389143	633334	7110391	very dark grey-carbonaceous mudstone lense just before bedding and slope aspect steepens to the north. See station JCM-13-1388 for photos.
M389144	632732	7110963	Quartz arenite with abundant sulphide mineralization, most likely pyrite. See station JCM-13-1398 for photos.
M389145	632732	7110963	Brown weathering, extremely porous possibly decalcified limestone or dolostone? Feels really light. See station JCM-13-1398 for photo.
M389146	622892	7112698	clay altered zone in maroon mudstone/siltstone. May be sheared contact between Paleozoics to the south and maroon and green siltstone/mudstone (Narchilla Formation?) to the north.
M389147	633892	7112698	dolostone near to clay altered zone.
M389148	622814	7113037	dolostone with pyrite rich vein.
M389149	632213	7110704	Decalcified calcareous sandstone(?) with abundant sulphides. See station JCM-13-1460 for photos.
M389150	632213	7110704	Decalcified calcareous sandstone(?) with abundant sulphides. See station JCM-13-1460 for photos.
M389151	616916	7113944	Light grey micrite. Localized pocket of black, carbonaceous material.
M389152	616916	7113944	light grey micrite. Minor calcite veining, minor breccia textures.
M389153	616916	7113944	Medium grey micrite. Abundant calcite veining.
M389154	616916	7113944	Tan weathering micrite breccia.
M389155	616916	7113944	Light grey micrite. Calcite veins. Minor realgar.
M389156	616916	7113944	Light grey micrite. Calcite veining. Minor brecciation.
M389157	616916	7113944	Tan coloured breccia. Calcite veining and carbonaceous seams.
M389158	616949	7113912	Light grey micrite breccia. Oxidizing seams.
M389159	616950	7113866	Medium grey brecciated micrite. Breccia textures are much more evident on weathering surfaces.
M389160	616950	7113866	Medium grey brecciated micrite. Breccia textures are much more evident on weathering surfaces.
M389161	616944	7113845	Medium grey silts micrite. Minor calcite.
M389162	616944	7113845	Highly altered tan fault breccia.
M389163	616925	7113854	Medium grey silty micrite matrix surrounding rounded carbonate clasts of a similar composition.
M389164	616932	7113857	Calcite breccia. Calcite surrounding fragments of very small, locally carbonaceous wall rock clasts.
M389165	616932	7113857	Calcite breccia. Calcite surrounding fragments of very small, locally carbonaceous wall rock clasts.
M389166	616932	7113857	Light coloured, silty micrite with heavy calcite veining resulting in brecciation.

SampleID	Easting	Northing	Comments
M389167	616951	7113869	Grey coloured fault breccia in float.
M389168	616978	7113913	Mottled, calcareous cataclasite. Light grey fine grained disseminated silica?
M389169	616978	7113913	Mottled, calcareous cataclasite. Light grey fine grained disseminated silica?
M389170	616987	7113917	Tan weathering calcite veined fault breccia. Minor realgar
M389171	616987	7113917	Tan weathering calcite veined fault breccia. Minor realgar
M389172	616870	7113971	Grey coloured micrite outcrop. Heavy calcite veining.
M389173	616393	7115066	Fault gouge from pit
M389174	616393	7115066	Massive, blocky, barite and barite disseminated through argillite.
M389175	616393	7115066	Small, limonitc fragments disseminated throughout clayey argillite in pit.
M389176	616393	7115066	Auger sample of shaley gouge from approximately 6ft pit depth.
M389177	616393	7115066	Assorted tailings from pit bottom.
M389178	616393	7115066	Assorted tailings from pit bottom.
M389179	616393	7115066	Calcareous, grey coloured, fine grained carbonate. Abundant disseminated barite and cross cutting calcite veinlets.
M389180	616393	7115066	Calcareous, grey coloured, fine grained carbonate. Abundant disseminated barite and cross cutting calcite veinlets.
M389181	616379	7115061	Sample of pit wall material. Clayey, shaley, gouge.
M389182	616379	7115061	Assorted fragments of clayey, shaley material from pit bottom.
M389183	616379	7115061	Assorted fragments of clayey, shaley material from pit bottom.
M389184	616688	7114036	Fine grained, brownish grey micrite matrix surrounding subangular to subrounded white to tan calcareous fragments.
M389185	616688	7114036	Fine grained, brownish grey micrite matrix surrounding subangular to subrounded white to tan calcareous fragments.
M389186	616688	7114036	Light grey silicified limestone fragment. Weak
M389187	616680	7114030	Light grey coloured, calcareous micrite. Calcite veining.
M389188	616680	7114030	Calcite veining in grey micrite.
M389189	616673	7114034	Calcite breccias. Dominantly white calcite, grey coloured micrite and oxidizing carbonaceous clasts.
M389190	616672	7114037	Grey coloured crystalline micrite. Minor calcite veining. Minor sphalerite.
M389191	616645	7114042	Material from center of argillite crackle breccia zone (tan)
M389192	616645	7114042	Brown weathering calcite vein material. Oxide occurs on the vein margin.
M389193	616645	7114042	Material from siliceous crackle breccia zone.
M389194	616645	7114042	Altered micrite. Sharp alteration front from argillic to crackle breccia.
M389195	616645	7114042	Sample of very intense tan coloured argillic alteration.
M389196	616645	7114042	Light grey siliceous crackle breccia samples. Only fractures are calcareous.
M389197	616645	7114042	Tan argillic breccia samples.
M389198	616645	7114042	Oxidizing material on margin of calcite vein.
M389199	616645	7114042	Light grey silicified crackle breccia with minor sphalerite.

SampleID	Easting	Northing	Comments
M389200	616645	7114042	Light grey micrite , calcite veining, carbonaceous clasts and argillic crackle breccia on vein margin.
M389201	616607	7114049	Boulder of light grey silicified limestone with sinuous grey bands.
M389202	616599	7114047	Light grey silicified limestone. Abundant calcite veinlets
M389203	616599	7114047	Cleaved micrite, abundant CG calcite. Oxidizing fraction. Appears Carbonaceous.
M389204	616588	7114049	Heavily calcite flooded micrite with black, carbonaceous clasts.
M389205	616620	7114854	Auger sample from pit bottom ~6ft deep. Clayey shale material.
M389206	616620	7114854	Fragment sample `4ft deep from pit wall. Clayey, argillilaceous, minor oxidizing fragments.
M389207	616620	7114854	Fragment sample `4ft deep from pit wall. Clayey, argillilaceous, minor oxidizing fragments.
M389208	616620	7114854	Blocky, porous argillite from pit. May contain barite.
M389209	616620	7114854	Argillite fault breccia? ~4ft deep in pit.
M389210	616858	7114601	Auger samples ~ 6ft deep of clayey gouge from pit bottom
M389211	616858	7114601	Auger samples ~ 6ft deep of clayey gouge from pit bottom
M389212	616858	7114601	Auger samples ~ 6ft deep of clayey gouge from pit bottom
M389213	616858	7114601	Yellow weathering, non calcareous barite? Fragments from pit bottom
M389214	616858	7114601	Red-brown oxidized fragments. Scattered throughout fault gouge
M389215	616858	7114601	Argillite fault gouge scraped from pit wall
M389216	616858	7114601	Limestone with localized sandy pockets, dark seams defining a CBx texture and localized bleaching? Of wall rock.
M389217	616858	7114601	Limestone from large angular boulder at ~4ft pit depth. Calcite veining, barite and CBx texture. Localized bleaching of wall rock.
M389218	616782	7114098	Highly porous, sandy argillite
M389219	616660	7114117	Grey clay with small argilite fragments disseminated throughout.
M389220	616660	7114117	Large sized argillite fragments from pit.
M389221	616599	7114167	Argillite fragments weathering out of knoll. Some have silica veining.
M389222	616551	7114119	Grab bag sample of smaller fragments weathering from outcrop
M389223	616551	7114119	Grab bag sample of smaller fragments weathering from outcrop
M389224	616551	7114119	Brecciated limestone samples
M389225	616551	7114119	Brecciated limestone samples
M389226	616541	7114133	Light grey, limestone, faint crackle breccia and over printing calcite veinlets
M389227	616541	7114133	Light grey micrite, calcite veinlets and carbon in fractures.
M389228	616541	7114133	Light grey micrite, calcite veinlets and carbon in fractures.
M389229	616541	7114133	Light grey micrite, calcite veinlets and carbon in fractures.
M389230	616541	7114133	Light grey micrite. High density of calcite veining.
M389231	616541	7114133	Light grey micrite, calcite veinlets and carbon in fractures.

SampleID	Easting	Northing	Comments
M389232	616541	7114133	Light grey micrite, calcite veinlets and carbon in fractures.
M389233	616541	7114133	Preferentially oxidizing micrite sample.
M389234	616363	7114200	Silicified limestone with black CBx and Ca Vn
M389235	616363	7114200	Calcite veined limestone with black carbon filling fractures
M389236	616363	7114200	Light coloured, blocky, silicified limestone
M389237	616363	7114200	Light grey limestone with CBx texture.
M389238	616363	7114200	Calcite veins with realgar in limestone
M389239	616555	7114204	Argilaceous fragments dug from soil pit.
M389240	616454	7114339	Small argillite fragments.
M389241	616454	7114339	Larger argillite fragments.
M389242	616454	7114339	Fine grained siliceous sandstone fragment.
M389243	616349	7114348	Argillite chips at river bank.
M389244	615767	7114393	Light grey micrite with calcite fragments as well as locally oxidizing fragments and carbonaceous material.
M389245	615751	7114383	Carbonaceous pocket within heavily calcite veined limestone.
M389246	615751	7114383	Oxidizing calcite vein material and associated limestone wallrock.
M389247	615751	7114383	Darker grey, carbonaceous micrite. Calcite and other larger clasts entrained within matrix.
M389248	615751	7114383	Sandy, slightly carbonaceous micrite with calcite veins. Oxidizing component.
M389249	615751	7114383	Sandy, slightly carbonaceous micrite with calcite veins.
M389250	615751	7114383	Light grey micrite. Calcite veining and carbonaceous fracture fill.
M389251	615751	7114383	Blue grey micrite, calcite veining and minor stylolites.
M389252	615751	7114383	Heavily calcite flooded micrite with black, carbonaceous clasts.
M389253	615751	7114383	Calcite vein and oxidizing wall rock.
M389254	615762	7114358	Fragments of light grey, silicified? Limestone from boulder.
M389255	615769	7114340	Light grey coloured micrite fragments with calcite veins from subcrop
M389256	615769	7114311	Crackle breccia micrite, massive euhedral calcite and minor purple banding.
M389257	615769	7114311	Grey micrite oxidizing component and calcite veining.
M389258	615769	7114311	Light grey blocky micrite. Weak crackle breccia.
M389259	615769	7114311	Light brown, sandy micrite. Calcite veining.
M389260	615769	7114311	Light grey micrite with lithic clasts and calcite vein fragments, Minor oxidizing component.
M389261	615769	7114311	Calcite vein, oxidizing micrite wall rock
M389262	615769	7114311	Tan weathering CBx.
M389263	615781	7114306	Tan weathering argillic crackle breccia.
M389264	615781	7114306	Tan weathering argillic crackle breccia.

SampleID	Easting	Northing	Comments
M389265	615781	7114306	Light coloured, silicified? Non to weakly reactive limestone
M389266	615801	7114294	Light coloured, Cbx micrite with calcite veining.
M389267	615808	7114289	Light grey micrite, heavy calcite veining. Dark, carbonaceous seams filled with sphalerite. XRF reads elevated mercury and arsenic in seams.
M389268	615872	7114231	Light grey silicified limestone? CBx and carbonaceous banding. Minor Ox component.
M389269	615872	7114231	Light grey silicified limestone? CBx and carbonaceous banding.
M389270	615872	7114231	Calcite vein fragments. Argillic alteration of wall rock.
M389271	615872	7114231	Light grey sil lst.
M389272	615872	7114231	Assorted fragments of light grey , sil lst from outcrop.
M389273	615872	7114231	Oxidizing samples with argillic alteration. Calcite veining.
M389274	615872	7114231	Fully oxidized argillic sample. Faint compositional banding.
M389275	615872	7114231	Tan coloured argillic sample. Calcite veining.
M389276	615872	7114231	Small fragment of silicified limestone
M389277	615872	7114231	Light grey sil lst, looks more porous, cbx texture.
M389278	615812	7114297	Weak sil? Lst with Cbx texture.
M389279	615808	7114289	Sil Lst, Cbx, heavy ca veining and minor oxidation.
M389280	615794	7114279	Calcareous micrite. Entrained, oxidizing clasts.
M389281	615789	7114295	Light grey silicified limestone in float. Carbonaceous pits.
M389282	615789	7114295	Bleached, sandy , silicified DCA boulder in float. Ca vt's.
M389283	615789	7114295	Silicified lst CBx texture
M389284	615768	7114311	Calcite vein fragments and oxidized, porous wall rock clasts.
M389285	615768	7114311	Tan Cbx with black fracture seams.
M389286	615768	7114311	Light grey, weakly silicified micrite.
M389287	615768	7114311	Silicified limestone in float. Looks porous and has associated calcite veining.
M389288	615747	7114306	light grey, possibly silicified limestone with a Cbx texture and calcite veinlets.
M389289	615747	7114306	light grey, possibly silicified limestone with a Cbx texture and calcite veinlets.
M389290	615747	7114306	light grey, possibly silicified limestone with a Cbx texture and calcite veinlets.
M389291	615727	7114331	Dark, porous limestone associated with calcite veining. Still calcareous. Some sort of reddish tan clayey mineral is present disseminated abundantly throughout.
M389292	615727	7114331	Dark, porous limestone associated with calcite veining. Still calcareous. Some sort of reddish tan clayey mineral is present disseminated abundantly throughout.
M389293	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389294	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.

SampleID	Easting	Northing	Comments
M389295	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389296	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389297	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389298	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389299	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389300	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389301	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389302	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389303	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389304	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389305	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389306	615730	7114349	Silicified, decarbed, oxidizing, sandy breccias. Realgar cinnabar ganuge occur in close proximity in less altered limestone.
M389307	615772	7114356	Assorted
M389308	615772	7114356	Grey wackestone with carbonaceous clasts.
M389309	615772	7114356	Argillic altertaion in CBx.
M389310	615772	7114356	Argillic altertaion in CBx.
M389311	615674	7114386	Assorted sample of fragments.
M389312	615674	7114386	Argilic alteration, brown ca vt's,
M389313	615674	7114386	Grey dolomitized limestone, calcite veinlets, black CBx.
M389314	615674	7114386	Grey dolomitized limestone, calcite veinlets, black CBx.
M389315	615674	7114386	Grey dolomitized limestone, calcite veinlets, black CBx.
M389316	615677	7114393	Sample of assorted fragments from pit.
M389317	615677	7114393	Blocky, light grey limestone.
M389318	615677	7114393	Light coloured limestone. Ca Vt's. CBx
M389319	615677	7114393	Tan argillic sample. Ca ct's.

SampleID	Easting	Northing	Comments
M389320	615630	7114402	Fragments of limestone chipped from outcrop.
M389321	615599	7114417	Tan weathering sandy limestone fragments.
M389322	615599	7114417	Grey, carbonaceous micrite.
M389323	615498	7114488	Soil and rock fragments from outcrop.
M389324	615523	7114450	Dark grey limestone fragments with calcite veins.
M389325	615523	7114450	Sandy, medium grey limestone with oxidizing portion and carbonaceous clasts.
M389326	615523	7114450	Dark grey crystalline micrite. Entrained subangular clasts, locally altered to light grey dol,
M389327	615687	7114430	Micrite outcrop. Black vt's define CBx. Representative chip sample.
M389328	615693	7114427	Calcite flooded, carbonaceous micrite.
M389329	615726	7114401	Massive calcite veining, in dark, carbonaceous, variably decarbed limestone. Realgar is found within vug.
M389330	615726	7114401	Massive calcite veining, in dark, carbonaceous, variably decarbed limestone. Realgar is found within vug.
M389331	615726	7114401	Massive calcite veining, in dark, carbonaceous, variably decarbed limestone. Realgar is found within vug.
M389332	615726	7114401	Massive calcite veining, in dark, carbonaceous, variably decarbed limestone. Realgar is found within vug.
M389333	615728	7114385	Heavily calcite flooded, light grey altered limestone with weak CBx.
M389334	615728	7114385	Heavily calcite flooded, light grey altered limestone with weak CBx.
M389335	615719	7114385	Crystalline calcareous wackestone. Calcite veining. Cinnabar and realgar.
M389336	615719	7114385	Crystalline calcareous wackestone. Calcite veining. Cinnabar and realgar.
M389337	615719	7114385	Sandy, variably decarbed wackestone with cinnabar and calcite.
M389338	615719	7114385	Sandy, variably decarbed wackestone with cinnabar and calcite.
M389339	615719	7114385	Sandy, variably decarbed wackestone with cinnabar and calcite.
M389340	615719	7114385	Sandy, variably decarbed wackestone with cinnabar and calcite.
M389341	615719	7114385	Apparantly unalterted wackestone with realgar in calcite.
M389342	615719	7114385	Partially dolomitized micrite.
M389343	615719	7114385	Micrite wallrock, calcite vein and realgar.
M389344	615719	7114385	Decarbed wackestone fragments. Cinnabar.
M389345	615719	7114385	Heavily decarbed wackestone. Lots of cinnabar. Rep in office.
M389346	615651	7114431	Sandy wackestone in float. Does not appear decarbed.
M389347	615684	7114380	Wackestone fragments. Ca veining
M389348	615684	7114380	Light coloured argillic altered material. Black carbonaceous seams.
M389349	615707	7114375	Micrite with calcite veining and large stylolitic seams.
M389350	615707	7114375	Dark coloured wackestone fragments. Float from up slope.
M389351	615707	7114375	Dark coloured wackestone fragments. Float from up slope.
M389352	615707	7114375	Carbonaceous micrite. Realgar, Heavy calcite veining. Shear textures and deformed calcite vein frams.

SampleID	Easting	Northing	Comments
M389353	615707	7114375	Oxidizing micrite samples from outcrop. AsO?
M389354	615707	7114375	Fragment sample from outcrop. Some have realgar.
M389355	615707	7114375	Micrite from outcrop. Heavy calcite flooding.
M389356	615714	7114368	Wackestone sample.
M389357	615725	7114367	Apparantly unaltered wackestone.
M389358	615725	7114367	Apparantly unaltered wackestone.
M389359	615725	7114367	Apparantly unaltered wackestone.
M389360	615729	7114385	Light grey apparantly unaltered wackestone
M389361	615728	7114378	Light grey apparantly unaltered wackestone
M389362	615730	7114377	Blue grey micrite from outcrop. Heavy calcite veining, carbonaceous seams.
M389363	615720	7114379	Partially dolomitized micrite. Calcite veining and realgar.
M389364	615727	7114402	Decarbed wackestone with heavy calcite veining.
M389365	615727	7114402	Decarbed wackestone with heavy calcite veining.
M389366	615727	7114402	Decarbed wackestone with heavy calcite veining.
M389367	615727	7114402	Decarbed wackestone with heavy calcite veining.
M389368	615770	7114315	Oxide material in association with calcite vein.
M389369	615626	7114447	Dolomitized limestone. Calcite veining and sphalerite.
M389370	615626	7114447	Dolomitized limestone.
M389371	615615	7114449	Wackstone sample
M389372	615499	7114495	Wackstone sample
M389373	615552	7114418	wackestone
M389374	615552	7114418	dark coloured micrite
M389375	615804	7114290	Wackestone. Calcite veining and oxidation
M389376	615815	7114327	Highly oxidized wackestone.
M389377	615754	7114381	Decarbed wackestone with heavy calcite veining.
M389378	628178	7112316	Porous sandstone.
M389379	628229	7112284	Dark coloured, fine grained, highly porous quartz siltstone.
M389380	628288	7112265	Very porous, highly oxidized sandstone with oxide pits.
M389381	628465	7112381	Light yellow coloured clay in sluff pile.
M389382	628466	7112371	Sugary dolostone in float
M389383	628482	7112323	Silty wackestone, tan weathering.
M389384	628511	7112300	tan weathering silty micrite
M389385	628511	7112300	pitted, decarbed, sandy, silicified dolostone.

SampleID	Easting	Northing	Comments
M389386	628516	7112306	tightly folded micrite in float. Infill of oxidizing material in between bedding planes
M389387	628523	7112309	Dolostone with breccia textures on a weathering surface.
M389388	628517	7112289	Limonite
M389389	628517	7112289	Heavily silicified dolostone with minor arsenic oxide.
M389390	628607	7112316	Limonite
M389391	628607	7112316	Decarbed dolostone, green ASO
M389392	628615	7112298	Limonite
M389393	628602	7112279	Dolostone with green ASO staining.
M389394	628601	7112250	Wackstone from silty carb unit.
M389395	628553	7112167	limonite
M389396	628556	7112176	limonite
M389397	628766	7112144	Realgar in dolostone from large boulder
M389398	628780	7112162	Decarbed silty carbonate with realgar
M389399	628780	7112162	Possible fault breccia?
M389400	628321	7112241	Silicified, oxidizing sandstone in float
M389401	628477	7112474	Limonite in gulley.
M389402	628852	7112244	Decarbed zebra dolostone in float.
M389403	612121	7112686	Angular weathering highly fossiliferous wackestone.
M389404	612099	7112733	Siliceous, carbonaceous argillite. Variably porous and pitted.
M389405	612099	7112733	Siliceous, carbonaceous argillite. Variably porous and pitted.
M389406	612099	7112733	Siliceous, carbonaceous argillite. Variably porous and pitted.
M389407	612099	7112733	Slightly oxidizing wackstone samples near contact with argillite.
M389408	612099	7112733	Slightly oxidizing wackstone samples near contact with argillite.
M389409	612084	7112702	Sandy, black, carbonaceous material from recessive zone. Contains argillite clasts.
M389410	612085	7112727	Argillite fragments from recessive zone.
M389411	612082	7112819	Samples of variably porous argillite in float. Quartz veining is common. Small fragments were preferentially selected.
M389412	612082	7112819	Samples of variably porous argillite in float. Quartz veining is common. Small fragments were preferentially selected.
M389413	612082	7112819	Samples of variably porous argillite in float. Quartz veining is common. Small fragments were preferentially selected.
M389414	612082	7112819	Samples of variably porous argillite in float. Quartz veining is common. Small fragments were preferentially selected.
M389415	612082	7112819	Samples of variably porous argillite in float. Quartz veining is common. Small fragments were preferentially selected.
M389416	612082	7112819	Samples of variably porous argillite in float. Quartz veining is common. Small fragments were preferentially selected.
M389417	612082	7112819	Samples of variably porous argillite in float. Quartz veining is common. Small fragments were preferentially selected.
M389418	612082	7112819	Samples of variably porous argillite in float. Quartz veining is common. Small fragments were preferentially selected.

SampleID	Easting	Northing	Comments
M389419	612015	7112837	Oxidizing quartz vein material in float.
M389420	611999	7112853	Limestone with heavy calcite veining in float.
M389421	611999	7112853	Oxidizing sandstone.
M389422	611924	7112900	Oxidizing argillite sample in float.
M389423	611902	7113040	Small, pebbly, gravelly rock fragments surrounding a soil sample.
M389424	611902	7113040	Soil surrounding sample.
M389425	611902	7113040	Oxidizing wackestone from soil pit.
M389426	611902	7113040	Brown siliceous chert in float.
M389427	611902	7113040	Oxidizing, porous silicified limestone with carbonaceous matter.
M389428	611902	7113040	Very small argillite fragment in float. May NSS
M389429	611890	7113032	Platy, hematitic, carbonaceous wackestone in float
M389430	611877	7113007	Argillite with yellow staining in float amongst limestone boulders.
M389431	611891	7112987	Rock fragments from soil picket.
M389432	611891	7112987	Oxidzing wackestone near
M389433	611576	7113531	Strongly cleaved limestone.
M389434	612292	7112129	Fossiliferous Wackstone outcrop sample.
M389435	612257	7112084	Argilite with Qz vein breccia.
M389436	612257	7112084	Assorted argillite fragments.
M389437	612257	7112084	Argillite fragments with quartz veining
M389438	612257	7112084	Argillite fragments with quartz veining
M389439	612233	7112107	Mineral soil and argillite flakes.
M389440	612233	7112107	Small argillite flakes from pit bottom.
M389441	612233	7112107	Small argillite flakes from top of pit.
M389442	612233	7112107	Arg fragment with yellow staining.
M389443	612233	7112107	Large argillite fragments with local oxidation from pit bottom.
M389444	612235	7112117	Small argillite flakes from pit bottom.
M389445	612235	7112117	Larger argillite fragments from pit.
M389446	612235	7112117	Small, siliceous argillite fragment.
M389447	612259	7112115	Soil and rock fragments.
M389448	612259	7112115	Rock fragments.
M389449	612256	7112129	Assorted rock fragments from pit bottom.
M389450	612256	7112129	Assorted carbonate fragments from pit.

SampleID	Easting	Northing	Comments
N830701	617519	7113705	calcareous micrite. Crackle breccia texture defined by irregular black seams. Coherent. Minor tan colouration. Realgar in calcite vein
N830702	617519	7113705	Light grey calcareous micrite. Minor crackle breccia texture. Calcite veining
N830703	617519	7113705	Bag of small (pebble), angular, moderate competency, tan coloured breccia fragments with calcite veins. Large sample size.
N830704	617519	7113705	Another bag of tan coloured fault breccia fragments. Calcite veining and black seams. Large sample.
N830705	617519	7113705	Dark grey micrite with abundant, reddish brown, fg disseminated sphalerite.
N830706	617519	7113705	Dark coloured, carbonaceous, calcareous micrite. White fragments of calcite are disseminated throughout. Minor oxidizing component.
N830707	617519	7113705	Fault breccia. Angular, medium grey limestone fragments surrounded by a stockwork of calcite veinlets defining a crackle breccia texture.
N830708	617519	7113705	Wackestone consisting of a medium grey, fine grained carbonate matric with large gravel to pebble sized fragments of bitumen and calcite.
N830709	617519	7113705	fragments of tan coloured fault breccia
N830710	617519	7113705	Wackestone. Fine grained medium grey matrix. Calcite and bitumen clasts
N830711	617519	7113705	Medium grey calcite veined micrite.
N830712	617519	7113705	fragments of light coloured fault breccia.
N830713	617519	7113705	Rounded, cobble sized fragments of mottled grey rudstone. Looks like ping b. Appears out of place, only fragment found.
N830714	617519	7113705	Wackestone sample. Carbonaceous fragments.
N830715	617519	7113705	Wackestone sample. Carbonaceous fragments.
N830716	617519	7113705	Light coloured, siliceous? Fine grained carbonate. Minor realgar in a calcite vein.
N830717	617519	7113705	Assorted fragments of tan coloured fault breccia.
N830718	617418	7113801	Medium grained, light coloured crystalline carbonate. Minor bituminous fragments. Minor oxidizing fragments.
N830719	617418	7113801	Granular, porous, sandy limestone. Large calcite vein within.
N830720	617418	7113801	Light grey siliceous limestone. Black seams and a calcite veinlet.
N830721	617418	7113801	Small fragment of quartzose grit. Oxidizing fine grained matrix and minor bitumen.
N830722	617418	7113801	Fragments of dark coloured siliceous argillite. Non calcareous.
N830723	617418	7113801	Dark grey lime micrite. Calcite veining.
N830724	617418	7113801	Tan coloured fault breccia fragments.
N830725	617403	7113822	Light coloured carbonate boulder in float. Weakly foliated. Appears bleached. Weaker reaction than is typical.
N830726	617340	7113807	Dark coloured siliceous argillite with a high denisty of stockwork style quartz veining.
N830727	617340	7113807	Light grey crackle style fault breccia. Black seams and minor oxidizing component.
N830728	617340	7113807	Highly oxidized sample of fault breccia. Black seams and black calcite.
N830729	617340	7113807	Small, highly limonitic fragments with minor calcite in float.

SampleID	Easting	Northing	Comments
N830730	617340	7113807	Light coloured crackle breccia. Highly carbonaceous seams.
N830731	617340	7113807	
N830732	617740	7118340	Angular fragments of milky quartz.
N830733	617740	7118340	Assorted gravel sized fragments from glaciofluvial material.
N830734	617730	7118240	Medium grained well sorted sandstone with abundant quartz veining.
N830735	618399	7118231	Large ferruginous carbonate veins in outcrop. Veining associated with chloritic fracture surfaces.
N830736	618399	7118231	Limonitic near massive quartz. Found in recessive zone in between outcrops.
N830737	618399	7118231	Tan coloured fault breccia. Found in recessive zone in between outcrops.
N830738	611727	7112882	Silicified breccia. Looks like silica flooded dissolution collapse breccia. Angular argillite clasts supported within a medium grained subhedral quartz matrix. A portion of clasts are faint a highly porous (decarb).
N830739	609000	7110800	Highly silicified material occuring in association with base metal mineralization in limestone. Sourcing from historic trench perpendicular to a northerly trending structure.
N830740	617426	7115055	White silica flooding creating breccia texture in dark, siliceous argillite unit.
N830741	617376	7115034	Subrounded fragment of massive calcite in float. Carbonaceous fragments occur entrained within matrix of white calcite.
N830742	617271	7114967	Brecciated fine grained sandstone in float amongst dark argillite fragments. Hydrothermal calcite matrix surrounding angular clasts
N830743	617014	7115160	Small fragments of silicified argillite with quartz veining.
N830744	616970	7115195	Quartz veining in silicified argillite. A silica sinter is present on fracture faces.
N830745	616970	7115195	Sandy, lower competency outcrop of siliceous argillite exposed on hillside.
N830746	616970	7115195	Quartz veind carbonaceous argillite with silica sinter.
N830747	616970	7115195	Silicified argillite breccia. Silica sinter.
N830748	617250	7114930	Extremely flaky larger fragments of material with sintery silica in float.
N830749	617230	7114927	calcareous silty micrite in float with quartz veining.
N830750	617230	7114928	Highly fractured, locally limonitic argillite in float. Minor quartz veinlets.
N830801	629705	7112074	Weathered floatstone/limestone boulder in float train with some styolitic seams
N830802	629695	7112073	Altered brecciated limestone, possible decarb?
N830803	629708	7112097	Sample by 13 gt Au soil sample. Completely decarb limestone. Spongey/porous texture with coarse realgar crystal infilling voids. Taken from float train
N830804	629689	7112113	Sample of grey, decarb altered limestone in floattrain near high grade soil sample. Very pitted.
N830805	629687	7112110	Sample of altered limestone, has red/maroon oxide weathering on surface
N830806	629725	7112090	Sample of decarb altered limestone in float
N830807	628520	7112391	Float sample of limonitic rock from Isis area.
N830808	629732	7112077	Maroon siltstonw
N830809	629731	7112078	Maroon siltstone

SampleID	Easting	Northing	Comments
N830810	629734	7112080	Maroon siltstone
N830811	629736	7112082	Maroon siltstone
N830815	629724	7112088	Maroon siltstone
N830816	629725	7112090	Maroon siltstone
N830821	629665	7112059	Black crystalline limestone near Osiris fault
N830822	629666	7112060	Grey fault gouge in Osiris fault
N830823	629667	7112061	Brown fault gouge in Osiris fault
N830851	632291	7110361	Very dark grey-black, almost carbonaceous silt-mudstone with bands of pyrite +/- arsenopyrite parallel to bedding. Found in float very near to outcrop.
N830852	632291	7110361	Iron oxidized fault gouge in very dark grey-black mud-siltstone package. See station JCM-13-1463 for photos.
N830853	630298	7110752	Clay altered sandstone interbedded with maroon and green mudstone? Sampled in creek bank. See station JCM-13-1508.
N830854	633436	7108949	Red, iron oxidized (?) looking Pinguicula B limestone. Lots of calcite veining associated with. Indicative of a fault?
N831152	619056	7111035	crystalline limestone with cross cutting black calcite veins
N831153	619056	7111035	poorly sorted conglomerate, clasts are rounded and range from 1cm to 5cm, matrix is course grained and is weakly calcareous
N831154	619074	7111065	poorly sorted conglomerate, clasts are rounded and range from 1cm to 5cm, matrix is course grained and is weakly calcareous. Cross cutting calcite veins and pyrite nodules.
N831155	619074	7111065	f.g. black limestone, moderate reaction, looks siliceous with white crystalline flakes.
N831156	619074	7111065	green-beige limestone, black veins(calcite?), and quartz veins.
N831157	618420	7110451	two rock fragments. 1-beige porous med grained sandstone. 2-limonitic limestone, parallel quartz veins, black lusterous blobs.
N831158	619333	7111218	black porous brecciated siltstone from small vegetative anomaly
N831159	619420	7111041	orange, weak, porous precipitate that has organic matter in it. Weakly calcareous.
N831160	618420	7110451	f.g. grey limestone, black veinlets. Green clasts or alteration that is not calcareous
N831161	618420	7110451	orange and black massive goethite. quartz crystals, some euhedral which have grown into open space and some anhedral.
N831162	618754	7110559	clastic, sedimentary rock, mud stone clasts in med grain sandstone. Broken up by quartz veins, some quartz crystals grew into open space, limonitic material in quartz veins.
N831163	618836	7110638	white vuggy porous rock, quartz? Altered?
N831164	618836	7110638	siltstone
N831165	619070	7111017	pit sample. A horizon. Mixed dark brown dirt and rocks. Rocks consist mostly of conglomerate, with minor limestone.
N831166	619070	7111017	pit sample. B horizon. Mixed dirt, rocks and organics. Rocks consist mostly of conglomerate, with minor limestone.
N831167	619070	7111017	pit sample. C horizon. Mixed light brown dirt and rocks. Rocks consist mostly of conglomerate, with minor limestone.
N831168	619153	7111772	white bleached fossiliferous limestone

SampleID	Easting	Northing	Comments
N831169	619153	7111772	dark grey brecciated chert, broken by calcite veins
N831170	619195	7111780	assorted rock fragments ranging from 5-3cm
N831171	619195	7111780	assorted rock fragments ranging from 4-2cm
N831172	619195	7111780	assorted rock fragments ranging from 2-0.5cm
N831173	619195	7111780	black f.g. limestone with beige patches of non-calcareous material
N831174	619195	7111780	light colored limestone with patches of porous beige material
N831175	619194	7111746	altered fossiliferous limestone. Material between crinoids is brown and very porous.
N831176	619181	7111733	brown beige carbonate rock with patches of decarbonatized rock
N831177	619181	7111733	brown limestone, oxide material on outside, crystalline, black veinlets
N831178	619189	7111700	veined and altered limestone. Qtz + maybe calcite vein, vugs locally, orange spots, brecciated
N831179	619179	7111708	limonitic material, calcite precipitate on outside, some vugs.
N831180	619182	7111684	porous altered white, fossiliferous limestone, very low density, veinlets
N831181	619296	7111677	bleached white limestone, porous in some spots
N831182	619259	7111649	rock in fault zone. Altered limestone, very calcareous and porous. Calcite veins and patches, vugs.
N831183	619259	7111649	silicified limestone, hard, and weak reaction with HCL
N831184	619246	7111672	altered beige limestone, small calcite veins cross cutting. Porous vuggy material.
N831185	619227	7111994	altered limestone, beige and brown with distinct line separating the two colors. Brown material is porous and does not react with HCL while beige material does react with HCL.
N831186	619211	7112028	oxidized, porous fossiliferous limestone, does not react with HCL, some faint black veinlets
N831187	619251	7112015	fossiliferous limestone with blebs and lines of black material, carbon?
N831188	619273	7112058	brecciated grey f.g. siliceous rock, vuggy brown sections.
N831189	619255	7112102	breccia, clasts are 2mm to 3cm, some are porous. Matrix is orange and porous, goethite staining in some spots
N831190	619255	7112102	breccia, oxidized and porous, goethite streaks, beige blebs
N831191	619255	7112102	light grey f.g. porous siliceous, sandy looking, some oxide spots
N831192	619239	7112133	oxidized, brecciated, siliceous rock, calcite in cracks
N831193	619179	7112240	vuggy oxidized porous rock, goethite
N831194	619113	7112002	orange, oxidized porous limestone, goethite patches
N831195	619059	7112007	brecciated , oxidized siliceous material, quartz? Porous matrix, calcite precipitate on outside of rock
N831196	619010	7112015	fault rock, rock clasts within calcareous matrix that looks like limestone, rusty blebs, calcite blebs of euhedral crystals
N831197	617517	7113704	grey f.g. brecciated limestone, hardness 6.5, silicified?, calcite veined and some black calcite blebs, weak HCL reaction
N831198	617517	7113704	dark grey limestone, calcite veined
N831199	617517	7113704	fault rock, grey calcareous porous matrix, euhedral calcite crystal blebs, broken up calcite veins, black (carbon?) blebs, rusty blebs

SampleID	Easting	Northing	Comments
N831200	617517	7113704	grey-beige brecciated limestone broken by black veinlets, soft, HCL breaks down rock
N831201	619066	7111029	Subangular to subrounded dark to light colored siliceous pebbles in a matrix of medium grained quartzose sand. Bitotite and chlorite appear present in the matrix. Matrix is weakly calcareous. Overall the colour is green. Minimal calcite veinlets are present. Goethite staining is present on weathering surfaces.
N831202	619075	7111061	Oxidized conglomerate with calcite veining.
N831203	619075	7111061	Relatively fresh conglomerate with pyritic nodules.
N831204	619075	7111061	Relatively fresh conglomerate with pyritic nodules.
N831205	619075	7111061	Planar laminated, porous, weakly calcareous silty micrite.
N831206	619073	7111043	conglomerate with the developmend of an abundant goethite rind.
N831207	619076	7111047	Oxidizing rounded pebbles representing the clastic component of the conglomerate unit.
N831208	619076	7111047	sandstone matrix material of the conglomerate.
N831209	618421	7110444	Gossanous precipitate with minor assorted rock fragments.
N831210	618421	7110444	Assorted rock fragments coated with gossanous precipitate.
N831211	618421	7110444	Subrounded cobble of green coloured medium grained sandstone. Weakly calcareous with minor white and black clasts.
N831212	618421	7110444	Angular fragment of grey coloured argillite with calcite veining and very fine grained disseminated sulphides throughout wallrock.
N831213	618421	7110444	Grey crystalline limestone with fragments of fossiliferous material.
N831214	618421	7110444	Argillite with high denisty banded Qz veins and abundant fine grained pyrite. Veins are dominant alternating with all rock slivers. Pyrite occurs as bands parallel to Qz veins and as nodules.
N831215	619084	7111144	Pit (2ft talus/subcrop). Angular fragment of light coloured, bedded, well sorted fine grained calcareous sandstone. Black (ca?) Vt.
N831216	619084	7111144	Pit (2ft talus/subcrop). Light coloured, platy, faintly bedded argillite. Dominant lithology in pit.
N831217	619158	7111778	Highly oxidized, non calcareous sample. Predominantly goethite with minor hematite. Localized pale green colouration.
N831218	619205	7111781	Below 614 ppb in soil. Grab bag of pebble sized fragments below boulder layer.
N831219	619205	7111781	Below 614 ppb in soil. Grab bag of gravel sized fragments below boulder layer.
N831220	619208	7111784	Angular fragment of dark, siliceous, weakly calcareous chert. Oxidizing fracture seams. Pebble sized frag below moss.
N831221	619208	7111785	Dark coloured carbonate with fossil fragments and tan coloured staining. Pebble sized fragments from talus below moss.
N831222	619208	7111786	Dark coloured carbonate with white fossil fragments and dissolution seams. Angular fragments dug from below moss.
N831223	619215	7111767	Pitted, oxidizing vein material occuring within veins of carbonate float.
N831224	619172	7111727	Assorted angular pebble sized fragments dug from soil pit.
N831225	619172	7111727	Assorted angular gravel sized fragments dug from soil pit.
N831226	619150	7111725	Oxidizing fault fill material with slickenlines found on a piece of float.

SampleID	Easting	Northing	Comments
N831227	619159	7111692	Foliated, fine grained carbonate. Foliation is defined by thin brown bands and black lenses. Highly calcareous. Dug from soil on the fringe of an outcrop. ~ insitu.
N831228	619313	7111635	Cataclasite breccia in float. Dark coloured subrounded chert fragments in a clayey white calcareous matrix.
N831229	619249	7111679	Highly poroused brown rock composed of sand sized grains with clear coloured fossil fragments interspersed at a low density throughout. Strong but short lived HCl reaction.
N831230	619228	7111685	Highly porous, light brown and light grey coloured material. Strongly reactive but reaction is short lived.
N831231	619229	7112001	Small oxidizing fragments of pitted, calcareous material in float on slope.
N831232	619220	7112016	Porous, sandy, non calcareous, oxidized, goethitic rock. Black seams and light coloured siliceous material occur within.
N831233	619220	7112016	Porous, sandy, non calcareous, oxidized, goethitic rock. More white siliceous material and black seams.
N831234	619220	7112016	Light coloured, sandy, highly porous rock. Non calcareous.
N831235	619220	7112016	Isolated fragments of white coloured siliceous material. Does not react with HCl.
N831236	619260	7112060	Light coloured, fine grained siliceous material and small fragment of oxidizng vein material.
N831237	619268	7112067	Light coloured, sandy, porous, siliceous material. Thin black seams.
N831238	619268	7112067	Highly porous, oxidizing, sandy material. Irregular white seams (soft). Minor Qz? Crystals. Non calcareous.
N831239	619268	7112059	Light coloured, fine grained siliceous rock. Minor goethite and quartz crystals in fracture. Outcrop.
N831240	619207	7112204	Dark coloured, non calcareous, oxidizing fragments dug from soil
N831241	619264	7112032	Foliated (light and dark bands), extremely siliceous rock. Vitreous Vfg silica appears to dominate compositionally. May be primary silica.
N831242	619228	7112026	Small, angular, blocky, highly siliceous hematitic fragment in float. Minor goethite. Non calcareous and locally porous.
N831243	619228	7112026	Assorted grab bag of gravel sized fragments.
N831244	619172	7112018	Grab samble of assorted pebble sized fragments. Whitish yellow weathering habit distinguished them from surrounding carbonate material. Float coming out from under moss.
N831245	619124	7111979	Grey coloured limestone. Locally porous. Associated calcite veining and limonitic material.
N831246	619123	7111982	Breccia (may be sedimentary). Subangular, dark coloured clasts surrounded by a light coloured, fine grained, calcareous matrix.
N831247	619154	7111976	Light coloured, calcareous, siliceous limestone in float. Calcite vein and black, opaque soft glassey mineral. (Bitumen?)
N831248	619209	7111838	Float in gulley bottom. Light coloured, siliceous, non calcareous. Relict pits of fossil fragments are present.
N831249	617519	7113705	Small fragment of dark grye calcareous micrite. Minor calcite veining.
N831250	617519	7113705	Small fragment of dark grye calcareous micrite. Minor calcite veining. Minor bituminous fragments throughout.
N831901	617517	7113704	grey f.g. brecciated limestone, hard, silicified? Weak HCL reaction, calcite veins, one small fleck of realgar
N831902	617517	7113704	dark grey limestone, heavily calcite veined, some parts broken by black veinlets
N831903	617517	7113704	grey limestone, one section vuggy
N831904	617517	7113704	dark grey limestone, calcite recrystallized to have a vitreous luster, calcite veins

SampleID	Easting	Northing	Comments
N831905	617512	7113698	dark grey crystalline limestone, calcite crystal growth, rusty spots
N831906	617512	7113698	beige brecciated limestone in contact with grey limestone, faint maroon streak through dark grey limestone
N831907	617426	7113678	dark sandstone, with disseminated rusty spots, porous and weakly calcareous
N831908	617556	7113830	light grey sandstone with patch of white and black spots, qtz, calcite in cracks
N831909	617556	7113830	black siltstone, calcite vein, rusty spots.
N831910	617556	7113830	black siliceous limy siltstone, beige patches
N831911	617556	7113830	beige sandy porous limestone, qtz veined
N831912	617521	7113681	grey calcareous fault rock, calcite crystals euhedral growing into vugs, orange rusty blebs
N831913	617498	7113699	fault rock. Dark calcareous porous matrix with euhedral calcite crystals disseminated throughout up to 1cm, orange rusty clasts
N831914	617498	7113699	grey limestone, orange blebs, one section has banded calcite veins
N831915	617498	7113699	grey crystalline limestone with black patches
N831916	617498	7113699	dark grey vitreous limestone, calcite viened and black blebs
N831917	617498	7113699	beige grey brecciated limestone, calcite veined, HCL breaks down rock
N831918	617498	7113699	grey limestone, calcite veins that have euhedral crystals, near one vein there is a maroon streak parallel to calcite vein (hematite?)
N831919	617760	7118353	Rock fragments from pit, siliclastics, siltstones, limestone
N831920	617728	7118239	Rock fragments from pit, siltstones, siliclastics
N831921	617728	7118238	oxidized, vuggy, weakly calcareous siliclastic
N831922	618366	7118235	Highly strained limy siltstone
N831923	618467	7118201	Dark maroon siltstone with 4mm dark green limy siltstone. Dark green calcareous vein, calcite precipitate on outside on rock.
N831924	618472	7118209	Dark maroon and green siltstone. Calcite veined, veins have been deformed.
N831925	618184	7116850	Light colored siliceous rock that is brecciated by quartz. Orange weathering.
N831926	618187	7116853	Brecciated brown siltstone, broken by quartz, calcite in cracks.
N831927	618187	7116853	light grey siliceous rock. Quartz veined, calcite in cracks, orange weathering.
N831928	618187	7116853	Course grained siliclastic that has many black clasts. Calcite vein. Black slick n' slides
N831929	611725	7112892	Intensely brecciated and silicified black f.g. black sedimentary rock. Open space in rock, some space has euhedral quartz crystal growth. Some clasts are grey and porous.
N831930	611725	7112892	Intensely brecciated and silicified f.g. black sedimentary rock. Open space in rock which euhedral quartz crystals up to 5mm in length have grown into. Some beige and orange rusty areas around quartz crystals.
N831931	611725	7112892	Intensely brecciated and silicified f.g. black sedimentary rock. Open space in rock which euhedral quartz crystals up to 5mm in length have grown. Some brown and orange material around quartz. Some clasts are light brown and very porous.
N831932	617424	7115036	Quartz veined siltstone, open space with euhedral quartz crystals. Some orange spots in quartz.

SampleID	Easting	Northing	Comments
N831933	617370	7115032	Dark grey limestone, course crystalline, calcite veined.
N831934	617343	7115021	Dark brecciated siltstone, broken up by quartz, some rusty material.
N831935	617285	7114991	Cracked, vuggy siltstone, orange weathering, and orange inside some spots.
N831936	617240	7114993	siltstone with vitreous lustre. Vuggy areas that are porous and orange-beige. Smooth feeling
N831937	617240	7114993	Folded (open) siltstone with vugs filled with quartz crystals.
N831938	617252	7115008	Brecciated siltstone, sub rounded to angular siltstone clasts within quartz, quartz is porous. Vugs that have euhedral quartz.
N831939	617251	7115007	siltstone that is heavily quartz veined. Vuggy with many euhedral quartz crystals 1-5mm. Some quartz crystals are maroon, orange patches
N831940	616965	7115196	Dark grey siltstone, quartz veined with vugs filled by quartz crystals. Green blue staining on some surfaces.
N831941	616966	7115195	Jet black siltstone, smooth vitreous luster
N831942	617232	7114933	Rock with siltstone-limestone contact, quartz veined.
N831943	617077	7114816	grey argillic rock, cleaved, maybe brecciated. Porous in some spots, orange weathering, quartz veined.
N831944	617013	7114585	Dark f.g. siliceous rock. High specific gravity, rock or mineral has vitreous lustre, stibnite? Barite?
N831945	616959	7114559	Grey siliceous rock, hardness greater than 5. f.g. disseminated pyrite.
N831946	616974	7114546	Massive quartz, ehedral crystals, some porous non quartz parts.
N831947	616953	7114559	Med grained grey rock. Yellow staining on inside, some porous balls 5mm big.
N831948	617028	7114753	Euhedral quartz crystals, 1mm to 10mm in length. Some orange rusty spots.
N831949	617028	7114753	Massive quartz, clear in some spots, rusty in some spots.
N831950	617015	7114717	Dark f.g. argillite with rounded clasts up to 3mm. Yellow-green staining on inside surfaces.
Q005501	612256	7112129	Oxidizing argillite fragments from pit bottom.
Q005502	612256	7112129	Assorted carbonate fragments.
Q005503	612256	7112129	Carbonaceous micrite with calcite veining.
Q005504	612256	7112129	Mineral soil and rock fragments from pit bottom.
Q005505	612256	7112129	Mineral soil and rock fragments from pit bottom.
Q005506	612256	7112129	Mineral soil and rock fragments from pit bottom.
Q005507	613035	7113892	Argillite fragments from pit.
Q005508	612835	7114371	Pitted argillite fragments. ASO?
Q005509	612835	7114371	Pitted argillite fragments. ASO?
Q005510	612835	7114371	Pitted argillite fragments. ASO?
Q005511	612835	7114371	Assorted fragments from pit bottom. Some oxidizing.
Q005512	612693	7111444	Carbonaceous, dirty carbonate. Locally pitted, decarbed?
Q005513	612693	7111444	Carbonaceous, dirty carbonate. Locally pitted, decarbed?
Q005514	612693	7111444	Carbonaceous, dirty carbonate. Locally pitted, decarbed?

SampleID	Easting	Northing	Comments
Q005515	612668	7114477	Carbonaceous pitted fragments from pit bottom.
Q005516	612668	7114477	Carbonaceous pitted fragments from pit bottom.
Q005517	612688	7114477	Dark, sandy horizon above pit bottom.
Q005518	612661	7114437	Small flakes from pit bottom including white, very soft sst.
Q005519	612661	7114437	argillite fragments from pit.
Q005520	615702	7112712	Tan argillic Cbx. Clast from glacial fluvial material.
Q005521	615702	7112712	Anubis style dolomitized limestone. From within glacial, fluvial material.
Q005522	616010	7112743	Calcite veining in grey coloured carbonate. Black bituminous fringes on Ca vein.
Q005523	619089	7111158	Platy carbonate fragments and soil from pit bottom.
Q005524	619089	7111158	Darker, more carbonaceous soil above platy carbonate regolith.
Q005525	619071	7111178	Dark, sandy soil.
Q005526	619071	7111178	Auger from pit bottom. ~4.5-5ft depth.
Q005527	619219	7111952	Brown clay horixon with platy argillite fragments.
Q005528	619219	7111952	Regolith soil from pit bottom.
Q005529	619219	7111952	Large, carbonaceous argillite fragments from pit bottom.
Q005530	619219	7111952	Small pebble sized assorted fragments from top colluvial layer.
Q005531	619219	7111952	porous, sandy, oxidizing rock. Non calcareous. From colluvial layer.
Q005532	619219	7111952	porous, sandy, oxidizing rock. Non calcareous. From colluvial layer.
Q005533	619219	7111952	Siliceous, calcareous limestone. From colluvial layer.
Q005534	619219	7111952	Small, sandy, oxidizing, non calcareous fragment from colluvial layer.
Q005535	619219	7111952	Highly oxidized pitted fragment.
Q005536	619219	7111952	Large, porous, non calcareous, highly oxidized rock. Argillite clasts.
Q005537	619219	7111952	Light coloured, sandy, porous, non calcareous fragments.
Q005538	619219	7111952	Calcareous limestone fragments with calcite veining.
Q005539	619245	7112012	Material from pit bottom. Very sandy and siliceous.
Q005540	619245	7112012	Siliceous argillite from pit bottom.
Q005541	619245	7112012	carbonate material from pit bottom.
Q005542	619204	7111990	Pit bottom auger samples. Clayey carbonaceous argillite.
Q005543	619204	7111990	Oxidizing material and carbonaceous argillite near pit bottom.
Q005544	619208	7112024	Rock fragments from pit bottom.
Q005545	619208	7112024	Sandy, decarbed subcrop samples.
Q005546	619208	7112024	Sandy, decarbed subcrop samples.
Q005547	619208	7112024	Sandy, decarbed subcrop samples.

SampleID	Easting	Northing	Comments
Q005548	619208	7112024	Sandy, decarbed subcrop samples.
Q005549	619208	7112024	Sandy, decarbed subcrop samples.
Q005550	619208	7112024	Sandy, decarbed subcrop samples.
Q005551	611467	7112012	Orange-brown, porous, weakly calcareous.
Q005552	611439	7111968	Medium grained, non-calcareous rock. Limonitic alteration, spotty in some areas, totally orange in other spots.
Q005553	611442	7111965	Black fractures siltstone, calcite veined and calcite in fractures.
Q005554	611445	7111980	Orange weathering limestone. Black limestone, calcite veined.
Q005555	611446	7111984	Clastic rock, clasts up to 1cm, some 1mm green clasts, limonitic alteration.
Q005556	611410	7111800	Dark soil + siltstone rock fragments.
Q005557	611410	7111801	brown soil + rock fragments.
Q005558	611409	7111800	Grey limestone, calcite veins, some brown patches.
Q005559	611409	7111800	Black siltstone, broken up by quartz.
Q005560	611409	7111800	Black siltstone, quartz veins, some brown patches.
Q005561	611219	7111874	Green, f.g. rock. Non-calcareous, fractures and veins of calcite.
Q005562	611095	7111935	orange weathering clastic rock. Clasts up to 1cm, sub angular, calcareous, calcite vein.
Q005563	611095	7111935	Orange weathering clastic rock. Clasts are sub rounded, some are elongate, black clasts, slight green hue to rock.
Q005564	611037	7111941	Medium grained, well sorted clastic rock. Weakly calcareous, calcite veins.
Q005565	611007	7111954	Black siltstone fragments.
Q005566	610927	7112029	Orange weathering, grey-green inside. Clastic rock, clasts up to 1cm and elongate, weakly calcareous + calcite veins. Bearing pyrite.
Q005567	610877	7112109	Grey limestone, calcite veins. Some orange bits in veins.
Q005568	610675	7112163	Orange- brown weathering. Brecciated black siltstone, quartz + calcite broke up rock. Quartz crystals, limonitic alteration.
Q005569	610545	7112204	Limestone with light and dark beds 1mm thick. Some calcite veins.
Q005570	610454	7112308	orange weathering grey f.g., weakly calcareous rock. More calcareous in fractures, black streaks, bearing pyrite.
Q005571	610548	7112298	Tan weathering, dark, calcareous f.g. rock. Black streaks, quartz + calcite veins.
Q005572	610709	7112287	Orange weathering, medium grained rock. Well sorted, calcite veins, weakly calcareous.
Q005573	610769	7112310	Brown weathering clastic rock. Moderately calcareous, clasts up to 2 cm, some elongate and sub rounded.
Q005574	611301	7111653	Course grained clastic rock. Grey-green, moderately calcareous.
Q005575	611303	7111653	Dark f.g. rock. Broken up by quartz, calcite in fractures, some vugs.
Q005576	611361	7111553	Platy, fractures siltstone fragments + dirt from pit bottom, possibly sub crop.
Q005577	611361	7111553	Dark, course, crystalline limestone.
Q005578	611362	7111553	Dark purple, vuggy, porous, non-calcareous.
Q005579	611503	7111669	Dark brown-orange weathering, vuggy, moderately porous, limonite.

SampleID	Easting	Northing	Comments
Q005580	611459	7111793	Tan weathering, quartz veined rock. Fine grained and tan inside too, calcareous and porous.
Q005581	611409	7111799	Grey-black, f.g. calcareous rock. Possibly clasts that make different colors. Calcareous in fractures, calcite blebs.
Q005582	611409	7111799	Grey-black, f.g. calcareous rock. Possibly clasts that make different colors. Calcareous in fractures, calcite blebs.
Q005583	611409	7111799	Grey calcareous calcite veined rock. 1.5-2cm orange nodule in rock that is non-calcareous.
Q005584	611425	7111835	Tan-grey weathering clastic rock. Clasts are sub rounded to sub angular and are up to 5mm in size, some are elongate. Rock is calcareous.
Q005585	611426	7111834	Tan-grey weathering clastic rock. clasts up to 4cm, sub rounded to sub angular, and some elongate. Rock is calcareous.
Q005586	611420	7111851	Dark soil + rock fragments.
Q005587	611420	7111852	Black f.g. non-calcareous rock. Quartz + calcite veined, some limonitic alteration.
Q005588	611306	7111964	Tan weathering, f.g. grey rock. Bedded with black streaks. Evenly spaced fractures that have brown salvage. Weakly calcareous.
Q005589	611242	7112023	Tan weathering, f.g. grey calcareous rock. Calcite veined. Discontinuous black streaks locally, and black beds in other places.
Q005590	611146	7112098	Tan-orange weathering, calcareous clastic rock. Clasts up to 3cm, some elongate, sub rounded. Bearing pyrite.
Q005591	611146	7112094	orange weathering, grey, f.g. rock. Calcareous in fractures, broken up by quartz + calcite veins. Black veinlets, limonitic alteration, bearing pyrite.
Q005592	611146	7112092	Orange weathering, calcareous rock. Clastic, calcite veins, tan inside.
Q005593	610984	7112402	Orange-grey weathering, course grained rock. Rock has little to no matrix, clasts are sub rounded, 1mm to 2cm, non-calcareous.
Q005594	610981	7112558	Brown weathering siltstone, some res staining, quartz veins.
Q005595	611046	7112593	Broken up siltstone, limonitic alteration.
Q005596	611048	7112585	Brown weathering siltstone, brecciated, quartz crystals, beige-brown porous areas.
Q005597	611199	7112587	tan weathering, non calcareous, porous rock.
Q005598	611301	7112651	Black siltstone, green staining on outside, beige staining inside, quartz veined.
Q005599	611438	7112789	Brown weathering siltstone. Brecciated, vuggy, moderately porous.
Q005600	611540	7112911	Black, low density, brecciated siltstone. Porous with lots of white staining, areas with brown glassy flakes that are surrounded by soft white material. Some areas are purple-green (oil slick colors).
Q005601	611538	7112910	Grey, high density, moderately porous, some vuggy sections. Barite?
Q005602	611538	7112906	Grey-white, rounded rock (nodule?), porous, vuggy with quartz.
Q005603	611547	7112893	Black weathering, dark grey matrix that is porous, breccia with black clasts.
Q005604	611543	7112901	Grey-orange weathering, orange clasts, porous breccia. F.g. rock.
Q005605	611659	7113003	Knubbly, brown weathering. Vuggy, porous, orange limonite.
Q005606	612482	7114647	Black f.g. calcareous rock, some porous areas(weathering). Locally pitted.
Q005607	612444	7114626	Black fractures siltstone, some vuggy areas, beige material in fractures. Rock is somewhat porous. Slick n' slides.

SampleID	Easting	Northing	Comments
Q005608	612419	7114611	Black siltstone, quartz veined, some limonitic alteration.
Q005609	612418	7114622	Black siltstone, quartz veined, red staining.
Q005610	612590	7114544	Brown soil + rock fragments.
Q005611	612590	7114543	Dark siliceous rock, quartz veins, vuggy.
Q005612	612576	7114517	Dark grey, non-calcareous rock. Hardness greater than 6. Porous, siliceous. Sandy
Q005613	612580	7114516	Dark grey-grey, non-calcareous rock. White staining, porous locally, siliceous. Sandy
Q005614	612578	7114519	Grey-black, non-calcareous rock. White staining, light grey dirt forming. Rock is broken up, some vugs, siliceous.
Q005615	612975	7114651	grey dirt with organic material in dirt.
Q005616	615651	7112370	Sand + pebbles. Transported material.
Q005617	615651	7112369	Sand + Pebbles. Transported material.
Q005618	615628	7112317	Dirt + transported sand-pebbles.
Q005619	615629	7112321	Dirt + with organic material included.
Q005620	615646	7112416	Dirt + transported rock fragments.
Q005621	615648	7112378	beige breccia, black veinlets, calcareous. Thought to be the same fault breccia as the Anubis fault breccia. Transported.
Q005622	615648	7112377	tan rocks thought to be associated with the Anubis fault, transported.
Q005623	615978	7112731	Light grey limestone, calcite veined, black veinlets, calcite.
Q005624	615971	7112733	Black fossiliferous limestone.
Q005625	615954	7112744	Black fractured limestone, calcite veins with crystals of calcite.
Q005626	619083	7111142	Grey rock that is calcareous in some pieces, black veinlets are present in other pieces and the rock is then less calcareous. Rock also has black clasts, 1-4mm, in some pieces.
Q005627	619084	7111143	Dirt + Rock fragments.
Q005628	619083	7111143	Light brown-grey f.g. non calcareous rock.
Q005629	619067	7111015	Poorly sorted conglomerate, some clasts are calcareous. Calcite veined.
Q005630	619067	7111014	Poorly sorted conglomerate, some clasts are calcareous. Oxidized, res spots.
Q005631	619067	7111014	Dirt + rock fragments.
Q005632	619074	7111065	Poorly sorted conglomerate, some clasts are calcareous. Green matrix.
Q005633	619074	7111064	Poorly sorted conglomerate, some clasts are calcareous. Orange weathering.
Q005634	619073	7111064	Dirt + rock fragments.
Q005635	619076	7111049	Dirt + rock fragments.
Q005636	619075	7111050	Course grained rock, oxidized orange.
Q005637	619092	7111020	Poorly sorted conglomerate, some clasts are calcareous.
Q005638	619092	7111020	Dirt + rock fragments.
Q005639	619082	7111188	White rock, locally calcareous, moderately porous. Small pits throughout rock.

SampleID	Easting	Northing	Comments
Q005640	619082	7111188	Rock fragments that were different from the dominant rock type (black calcareous chert-Black limestone). Rocks were white, orange, oxidized.
Q005641	619083	7111172	Rock fragments + dark soil.
Q005642	619086	7111160	Tan weathering, platy rock. Laminated fine grained and medium grained, calcite, and calcareous.
Q005643	619186	7111789	Grey dirt/clay + rock fragments.
Q005644	619186	7111789	Grey and orange rock. Non-calcareous, porous, limonitic alteration, some red spots.
Q005645	619186	7111789	Altered fossiliferous limestone. Orange, non-calcareous, porous, some vugs where fossils have been removed.
Q005646	619186	7111789	White-beige rock with many crinoids, some are broken up. Calcareous, moderately porous. Fault rock?
Q005647	619186	7111789	White altered fossiliferous limestone, minor limonitic alteration, porous, calcareous.
Q005648	619182	7111756	Grey-beige calcite rich rock, vein + blobs. Some black material in fractures.
Q005649	619182	7111757	Black f.g. rock, vugs + fractures with quartz crystals. Limonitic alteration in rock and near quartz.
Q005650	619182	7111757	Altered fossiliferous limestone. Orange and grey inside. Non-calcareous, locally porous, hardness greater than 6. Vugs where fossils have been removed. Some patches of odd colors, red and green.
Q005651	619181	7111754	Fossiliferous limestone that zones from dark grey to grey to beige. Grey + beige are porous, all rock is calcareous.
Q005652	619141	7111732	Red-maroon rock, porous. Smooth-flat surface on both sides of rock.
Q005653	619139	7111730	Altered and broken up rock. Orange inside, patches of rock are grey, some are harder than 6 and some are not. Minor green staining.
Q005654	619139	7111730	Dark siliceous rock. Limonitic alteration, calcareous in fractures.
Q005655	619139	7111730	Dark f.g. rock. Limonitic alteration, some orange patches, locally calcareous. Some small vuggy area.
Q005656	619139	7111730	Grey clay + rock fragments.
Q005657	619139	7111730	Black f.g. calcareous rock. Pit bottom.
Q005658	619559	7112081	Brecciated siltstone, clasts porous. Matrix is beige and porous. Vuggy area that is slightly green. JM found on soil line.
Q005659	619788	7112035	Orange-maroon weathering. Orange inside, brecciated siltstone, very porous, vugs, some white clasts. Jesse found on soil line.
Q005660	619144	7111730	Rock fragments + sand from pit bottom.
Q005661	619103	7111630	Red-orange weathering. White-grey inside, calcareous, calcite veined, white patches. From ridge top, recessive saddle.
Q005662	619103	7111630	Light brown weathering. Broken up rock. Calcite veined. Clasts of light grey, some are calcareous and some are not. Minor limonitic alteration. From ridge top, recessive saddle.
Q005663	619103	7111629	Beige to grey, calcite veined limestone. Many small black dots, porous.
Q005664	619116	7111673	Dirt + rock fragments
Q005665	619115	7111672	Grey limestone. Fractured, purple staining in fractures, some beige staining.
Q005666	353943	7110469	Tan-knubbly weathering. Orange-grey-beige rock with vugs. Locally porous, calcareous, some calcite crystals.
Q005667	353911	7110477	Dark course dolostone, some calcite and dolomite crystals. Limonitic spots, some soft black material.
Q005668	353912	7110477	Dark course dolostone. Porous, and in contact with light grey band and siliceous f.g. calcareous rock.
Q005669	353909	7110481	Dark course grained dolostone. Very porous, dolomite crystals, anhedral dispersed throughout rock. Some calcite.

SampleID	Easting	Northing	Comments
Q005670	353896	7110489	orange-purple limonite, very porous.
Q005671	353934	7110551	Tan rock, soft, clay altered? Vuggy, porous, calcareous, reaction short, calcite veined.
Q005672	354103	7110571	Brecciated, grey-beige rock. Calcareous, soft, some calcite crystals.
Q005673	354103	7110573	Tan weathering, black, platy, fractured limestone. Minor limonitic alteration.
Q005674	354105	7110562	Heavily veined limestone. Grey, quartz + calcite veined, some limonitic alteration. Porous areas.
Q005675	354130	7110576	Black f.g. rock with a few 2mm-sunrounded clasts. Weakly to moderately calcareous. Moderately porous, bearing pyrite.
Q005676	354130	7110578	Black f.g. rock, moderate reaction to HCL, porous, fractured, vugs, red staining spots. Clear to white soft and non-calcareous precipitate.
Q005677	354130	7110578	Brown calcareous smooth rock. Fractured, adjacent to calcite vein.
Q005678	354130	7110579	Sheeted calcite vein. Black and brown rock slivers between veins.
Q005679	354130	7110579	Black fractured, porous, calcareous rock. Clear to white soft and non-calcareous precipitate.
Q005680	354130	7110580	Black fractured, f.g. rock. Porous, calcareous, red dots, some of rock has weathered to clay.
Q005681	354130	7110580	Black f.g. non-calcareous rock. Calcite precipitate and Clear to white soft and non-calcareous crystal precipitate.
Q005682	354130	7110581	Calcareous breccia. Calcite crystals, siltstone and limestone clasts, some limonitic alteration.
Q005683	354127	7110521	Intensely folded silty limestone, grey. Tan weathering.
Q005684	354177	7110545	Orange-brown weathering rock. Porous limonite with small vugs.
Q005685	354258	7110566	Silty limestone with ooids. Wavy bedding, minor limonitic alteration.
Q005686	354276	7110547	Brown, non-calcareous rock. Moderately porous, quartz veined with vugs.
Q005687	354300	7110534	Brown clay with limestone rock fragments. Fault gouge.
Q005688	354300	7110534	Orange-tan weathering rock. Clasts of dark grey veined limestone. Orange matrix, calcareous, vugs. Some porous spots. Fault rock.
Q005689	354300	7110533	Tan-beige, broken up calcite crystals. Some porous areas, vugs. Fault rock.
Q005690	354319	7110537	Brown weathering, grey inside. Hardness greater than 6, platy rock with green staining.
Q005691	354314	7110533	Thin bedded, grey rock. Green staining, porous. White, non-calcareous staining.
Q005692	354310	7110528	Tan weathering, grey rock. Moderately porous, some green staining.
Q005693	354310	7110528	Brown broken up calcareous rock. Vugs calcite veins, limonitic alteration.
Q005694	354326	7110504	White and black fault rock. Calcareous broken up dark with lots of calcite around.
Q005695	354608	7110744	Grey breccia. Light grey matric with dark grey clasts that are sub-angular. Weakly calcareous.
Q005696	354654	7111276	Orange-brown weathering rock. Grey, non-calcareous, fractured, and locally brecciated.
Q005697	354892	7111076	White and black dolostone. White is dolomite and dark rock is non-calcareous, unless scratched. Quartz crystals. Some reaction in fractures.
Q005698	354990	7111125	Dirt + rock fragments that are less than 5mm.
Q005699	354992	7111127	Dirt + clay and some soft rock fragments. Mostly brown with some orange-red. Subcrop

SampleID	Easting	Northing	Comments
Q005700	354993	7111127	Grey rock fragments of siltstone that is soft + dirt. Subcrop
Q005701	354992	7111127	Grey-orange-brown laminated siltstone, white beds. Rock is extremely soft and easy to break down to dirt, porous. Outcrop
Q005702	354992	7111127	Grey brecciated duotone. Minor calcite with lots of dolomite, quartz? Some black veinlet's.
Q005703	354992	7111128	Dark and light grey dolostone breccia. Matrix is white dolomite, some black clasts.
Q005704	354977	7111135	Grey and white dolostone. Grey non calcareous, unless scratched. White is dolomite, fractured.
Q005705	354988	7111135	Grey non-calcareous breccia. Clasts of laminated f.g. rock. Dolomite veins, minor limonitic alteration.
Q005706	354947	7111101	Beige-grey duotone. Fractured, maybe brecciated.
Q005707	354915	7111040	tan-beige, sandy calcareous rock. Some small vugs, porous.
Q005708	354881	7111045	Grey and white zebra dolostone.
Q005709	354883	7111035	Grey intraclastic rudstone. White calcite between clasts of limestone, clasts range in size from 1cm to 10cm.
Q005710	354863	7111062	Platy, brown weathering, non calcareous rock. Grey inside.
Q005711	354768	7110921	Orange-brown weathering dolostone. Some vugs.
Q005712	612553	7112972	altered fossiliferous limestone. Porous, non-calcareous, quartz veins, vuggy, siliceous.
Q005713	612546	7112959	Beige breccia? Fault rock? Small tan, sub rounded clasts that are soft, porous and calcareous. Clasts separated by black veinlets.
Q005714	612565	7112934	Orange limonite. Porous, vuggy, non-calcareous. Some hematite?
Q005715	612563	7112983	Tan, grey weathering. Grey-beige inside. Porous, non-calcareous, calcite in fractures, quartz veins.
Q005716	612561	7112989	Altered fossiliferous limestone. White-beige-grey inside. Porous, locally weakly calcareous, quartz added.
Q005717	612555	7112992	tan weathering that shows resistive quartz veining. Grey, calcareous, moderately porous rock. Black patches that are less reactive and more porous.
Q005718	612555	7112991	Black course limestone, calcite crystals throughout, porous. Calcite veins.
Q005719	612559	7112994	course grained calcareous rock. Grey porous, black material in blobs that is also calcareous.
Q005720	612558	7112992	Brown weathering, calcite crystal rich rock. Calcareous, many crystals in vugs, some clasts of non-calcareous rock that is weakly green and sometimes porous.
Q005721	612561	7112971	Tan rock, made of small beige soft clasts that are sub rounded and broken up by black veinlets. Calcareous, porous, maybe quartz veins.
Q005722	612561	7112971	Brown sandy rock, porous calcareous, one section is silicified + decarbed.
Q005723	612561	7112971	Dark course grained calcareous rock. Band of grey porous calcareous material.
Q005724	612561	7112971	Limonite with grey porous clasts.
Q005725	612559	7112967	Dark course grained, calcareous rock. Vugs with calcite crystals. Bands and blobs of grey porous, calcareous material.
Q005726	612558	7112966	Brown weathering, orange course grained clastic rock. Calcareous matrix with clasts of porous, non-calcareous rock.
Q005727	612558	7112966	Sample is of clasts that are removed from rock. The clasts are grey, porous, weakly calcareous, decarbed?
Q005728	612558	7112966	Dark course calcareous rock, vuggy, calcite veins.

SampleID	Easting	Northing	Comments
Q005729	612502	7112975	Altered fossiliferous limestone. Quartz added, some euhedral quartz crystals, some calcite, vugs and minor limonitic alteration.
Q005730	612579	7113057	Quartz veined siltstone, some euhedral crystals.
Q005731	612432	7112639	Siliceous rock, quartz vein or chert? Calcite in fractures, minor limonitic alteration.
Q005732	612618	7112474	Tan weathering rock, porous, calcareous, soft.
Q005733	612618	7112474	Calcite + quartz? Vein, many sub-hedral crystals.
Q005734	612636	7112499	Tan rock. Calcite rich, with come euhedral crystals. Moderately porous.
Q005735	612669	7112453	Altered limestone. Quartz added, calcite veins, minor limonitic alteration
Q005736	612670	7112454	Orange weathering, calcareous rock. Calcite veins, black veinlets that are parallel.
Q005737	612670	7112454	Altered limestone, grey with lots of white calcite + quartz in veins and fractures. Some black material.
Q005738	612660	7112544	Tan calcareous, fossiliferous limestone. Vuggy and porous.
Q005739	612665	7112594	Tan-orange course grained calcareous rock. Vuggy, porous, some clasts are not orange and are porous.
Q005740	612575	7112698	Limonitic altered fossiliferous limestone. Weakly calcareous and porous.
Q005741	612462	7112674	Altered fossiliferous limestone. Quartz added, silicified? Limonitic alteration in quartz fracture with crystals.
Q005742	612458	7112679	Altered fossiliferous limestone, quartz added, quartz veins, porous, black material in rock.
Q005743	612443	7112672	Siliceous rock with quartz veins.
Q005744	612234	7112891	Siliceous rock, quartz sandstone. Oxidized bands, some euhedral quartz.
Q005745	612151	7112354	Brown altered fossiliferous limestone. Beige section that shows relic fossils, and oxidized section that is porous. Rock is non-calcareous, some green staining.
Q005746	612150	7112353	Orange-brown oxidized rock. Porous, non-calcareous, green staining.
Q005747	612117	7112225	Quartz veined siltstone.
Q005748	612080	7112167	Quartz vein that was in siltstone.
Q005749	612085	7112169	Siltstone brecciated by quartz veins. Some limonitic alteration.
Q005750	612057	7112440	Heavy siltstone. Quartz veined, limonitic alteration in and near veins. Black metallic, vitreous mineral.
Q005751	612127	7112451	Brown altered clastic rock. Soft and porous, some clasts are orange-beige and very porous.
Q005752	612107	7112406	Porous grey rock that has been silicified. Has quartz veins and euhedral quartz.
Q005753	612107	7112405	very porous grey rock. Blobs of quartz and whisps of black material that are sub parallel.
Q005754	612151	7112282	Grey siliceous rock, porous, quartz blobs, black streaks in rock
Q005755	611313	7112954	Dark brown-purple weathering, pocky, porous, soft rock. Limonitic alteration.
Q005756	611256	7112624	Orange weathering rock found at contact of siltstone and limestone. Found in auger at depth of 2.5ft. Rock is porous and soft and is orange throughout.
Q005757	611138	7111996	Volcaniclastic rock with quartz veins and euhedral quartz.
Q005758	616817	7113968	Grey limestone with black blobs and veinlets. Calcite veined, red staining.

SampleID	Easting	Northing	Comments
Q005759	616817	7113969	Dark grey-tan limestone, locally brecciated by black veinlets. Calcite veined, piece of limestone in one thick calcite vein.
Q005760	616817	7113970	Grey limestone with some red staining. Slick n' slide surface on rock. Some tabular black areas, small, could be small vugs with black calcite.
Q005761	616827	7113974	Grey limestone brecciated by black veinlets. Limestone is hard and non-calcareous, but rock appears to be calcareous because of calcite veins and black veinlets. Minor limonitic alteration.
Q005762	616827	7113975	Grey silicified limestone broken up by calcite veins + black veinlets. Minor limonitic alteration, sphalerite as pink dots.
Q005763	616827	7113975	Grey silicified limestone broken up by calcite veins + black veinlets. Minor limonitic alteration.
Q005764	616832	7113990	Siltstone fragments + clay from waste pile.
Q005765	616832	7113991	Siltstone fragments, some oxidized coating, minor clay, from pit bottom.
Q005766	616832	7113991	Siltstone fragments, some oxidized staining.
Q005767	616832	7113992	Mostly clay material with small siltstone fragments, 1mm in size.
Q005768	616831	7113992	layer of pit that has quartz fragments ranging in size from 1mm to 3mm, some are oxidized. Sample also includes some siltstone fragments and clay material.
Q005769	616831	7113991	Clay-dirt + small siltstone fragments
Q005770	616830	7113993	Brown dirt + oxidized clasts from multiple places on pit wall.
Q005771	616819	7113996	pit bottom sample. Siltstone fragments with minor clay, some siltstone has quartz veins.
Q005772	616819	7113996	Black siltstone with small white blobs disseminated.
Q005773	616817	7113996	Black siltstone, some small white blobs. Realgar in rock, seems to be associated with grey material, decarb section?
Q005774	616817	7113998	Black siltstone with thin laminations, looks like foliation. Realgar flakes in rock.
Q005775	616818	7113998	Black siltstone that is broken up by white quartz and other clear, soft, non-calcareous mineral. Some green staining.
Q005776	616818	7114001	Siltstone with quartz that is orange oxidized.
Q005777	616819	7113993	Continuous sample of siltstone fragments and dirt from 5ft to 3.5 ft.
Q005778	616818	7113992	Horizon above siltstone, possible transported, but not very far. Brown fractures rock with calcareous fractures.
Q005779	616818	7113992	sample of second horizon above siltstone. Grey clayish dirt.
Q005780	616817	7113992	Black siltstone broken by quartz, minor limonitic alteration. Some green staining, other mineral that shines at you when rotated.
Q005781	616817	7113991	Quartz veined siltstone with clay, found in waste pile.
Q005782	617006	7113965	Grey-brown limestone, calcite veins, black veinlets, oxidization on outside.
Q005783	617008	7113954	beige-tan limestone, soft, moderately porous, fractured, black material in various spots as veinlets.
Q005784	617005	7113917	Tan fractured limestone, locally porous, calcite veined, oxidized on outside.
Q005785	616996	7113921	Brecciated limestone. Euhedral calcite that is also broken, angular clasts of limestone are not calcareous, silicified? Some clasts are green and some grey.
Q005786	616946	7113890	Sample is of many 1cm fragments of rock that is tan, calcite veined, porous, moderately reactive.

SampleID	Easting	Northing	Comments
Q005787	616801	7113995	siltstone with green-yellow staining and quartz blobs.
Q005788	616801	7113995	Siltstone with calcareous fractures, orange rock with more orange fractures.
Q005789	616801	7113994	Pit bottom sample, siltstone fragments + dirt, frozen
Q005790	616801	7113994	Brown dirt from pit bottom, a bit frozen, clayish, and rock fragments.
Q005791	616801	7113994	Continuous sample from 3.5 ft to 1.5 ft, siltstone + dirt
Q005792	616818	7114001	Altered siltstone. Black and dark grey bands, maybe grey is decarb? Realgar associated with grey bands, rock is porous, and sandy looking.
Q005793	616851	7114850	orange oxidized f.g. non-calcareous rock.
Q005794	616862	7114905	Black rock, with some orange oxide powder of outside. Very porous, soft.
Q005795	616862	7114903	grey altered rock. Quartz has been added, hardness greater that 6, some pocky sections, green -yellow staining, moderately porous. Found under the moss.
Q005796	616864	7114904	grey altered rock. Quartz has been added, hardness greater that 6, some pocky sections, green -yellow staining, moderately porous. Found under the moss.
Q005797	616851	7114884	grey f.g., non-calcareous rock that is quartz veined, some euhedral quartz. Oxidization.
Q005798	616895	7114972	Grey altered rock with large section of white-green oxide which is pocky and porous. Antimony oxide?
Q005799	616895	7114974	Silver-grey metallic sulphide. Heavy, soft, green-white oxide coating the sulphide. Stibnite?
Q005800	616895	7114974	Assorted altered rock fragments found near stibnite. Some oxidized fragments.
Q005801	622278	7112495	Limestone with angular clasts of chert and siltstone, clast size verys from 0.5cm-.01cm, calcite veining present, both calcite and limestone react readily to acid. Possible Breccia or Clastic Limestone. Found in boulder field proximal to limestone-siltstone contact.
Q005802	623257	7112045	grey-purple weathering siliceous rock. Vuggy, with quartz and pyrite crystals in vugs. Some black material in fractures and vugs. Minor porous limonitic alteration.
Q005805	623518	7111673	Altered fossiliferous limestone. Limonitic alteration, porous, some vugs.
Q005806	623580	7111664	Altered siltstone, porous, limonitic alteration.
Q005807	623580	7111664	Knubbly weathering, vuggy inside, porous, black metallic mineral that scratches brown, hematite? Heavy rock.
Q005808	623686	7111572	Limonitic altered siltstone, porous, vuggy, hematite, heavy.
Q005809	623600	7111638	Red weathering, hematite staining, very porous decarb? Some vugs, locally weakly calcareous.
Q005810	623718	7111587	Green-grey weathering. Grey rock that is porous and non-calcareous.
Q005811	626234	7110326	Silty Limestone, calcite veining present-weathering positive, large amount of oxidation
Q005812	624589	7113097	Limonite
Q005813	612925	7112259	grey siliciclastic rock, beige clasts, non calcareuos, purple staining on weathered surface. Staining on fresh surface, quartz vugs present. Possibly transported.
Q005814	612921	7113042	Moderatly porus finegrained sedimentary rock, silisiclastic? Quartz veining present, dark metallic mineral occuring with quartz. Metalic staining on fresh surfaces.
Q005815	624826	7112969	limestone, calcite veining present, minor quartz crystals. Black porus region, with acid reaction. Siltstone on exterior, contact rock?

SampleID	Easting	Northing	Comments
Q005816	625274	7113137	Bedded limestone grey with black laminations, zones of pyrite, largely oxidized.
Q005817	624826	7112969	grey limestone, calcitie veining present. Vuggy weathering on surface, possibly silicified.
Q005818	611895	7112429	fine grained sedimentary rock, siltstone or mudstone? Highly oxidized, with oxides verying in colour from brownish yellow to dark brown. Pitted texture, porus from alteration, minor calcite present.
Q005819	611895	7112429	fine grained sedimentary rock, siltstone or mudstone? Highly oxidized, with oxides verying in colour from brownish yellow to dark brown. Pitted texture, porus from alteration, minor quartz veining present
Q005820	612307	7112772	grey limestone, craggy weathering, some colour change from oxidation, zones of high porosity that are unreactive to acid, within these zones angular white calcite clasts are present.
Q005821	611165	7112621	Siltstone, very porus regions, some oxidation. Minor quartz veining present. Altered look.
Q005822	611165	7112621	Possible limestone, highly altered, possible relic fossils. Goethite present, highly oxidized with yellow to redish oxides. Pock like texture. Highly porus from alteration.
Q005823	611067	7112070	volcaniclastic rock, partially silicified, quartz veining present. Minor calcite veining. Pocky weathering, slightly altered appearance.
Q005824	616945	7114889	gray to brown dirt with moderate clay content, with siltstone rock fragments. From pit located on linear bench.
Q005825	616946	7114890	dark grey dirt, with high clay content with bubbled texture, with siltstone rock fragments, from pit on linear bench.
Q005826	616946	7114889	Sampled from bottom of bit with auger, dary grey dirt with moderate clay content and siltstone rock fragments.
Q005827	616920	7114932	dark grey to brown dirt, with moderate clay content, with siltstone rock fragments. From pit on linear bench.
Q005828	616899	7114969	Altered siltstone, dark grey with zones of high porosity, quartz veining present. Brown to light brown oxides present. From pit on linear bench.
Q005829	616896	7114972	Silicified siltstone, orange to brown oxides, zones of high porosity. Vuggy texture. From pit on linear bench.
Q005831	525679	7121842	altered volcaniclastic, clasts oxidizing orange, blotchy arsenopyrite through out
Q005832	525679	7121842	altered volcaniclastic, some zones of orange oxidation, blotchy zones of arsenopyrite
Q005833	525679	7121842	altered volcaniclastic, banded zones of oxidation (yellow to orange), orange oxide disspersed through out
Q005834	525679	7121842	altered volcaniclastic, brown to orange oxide through out, highly oxidized, sandy texture, highly porus
Q005835	525679	7121842	altered volcaniclastic, zones of banded oxide, pale yellow to orange brown, highly altered appearance
Q005836	525679	7121842	altered volcaniclastic, orange to brown oxides, dark banded minerals
Q005837	525679	7121842	altered volcaniclastic, orange to brown oxides, vuggy texture, sandy texture
Q005838	525679	7121842	altered volcaniclastic, limanitic alteration, pocky texturte
Q005839	525679	7121842	altered volcaniclastic, limanitic alteration, large clasts oxidized brown to orange
Q005840	525679	7121842	altered volcaniclastic, limanitic alteration, pocky texture, brown to orange oxide in pock marks
Q005841	525679	7121842	altered volcaniclastic, limanitic alteration, highly altered appearance
Q005842	525679	7121842	altered volcaniclastic, limanitic alteration, banded oxides ranging from brown to orange
Q005843	525679	7121842	altered volcaniclastic, limanitic alteration, oxides ranging from brown to orange to yellow, highly altered appearance
Q005844	525679	7121842	altered volcaniclastic, limanitic alteration, oxides ranging from brown to orange

SampleID	Easting	Northing	Comments
Q005845	603665	7115869	hematitic Limestone, dark red in colour, sandy texture, possible hemitite present. Occuring with calcite in veins. Banded appearance.
Q005846	603665	7115869	Red/Orange powder from hematitic limestone, From highly altered band in outcrop. Sandy powdered texture. Possible oxide.
Q005851	619208	7112024	Sandy, decarbed subcrop samples.
Q005852	619208	7112024	Sandy, decarbed subcrop samples.
Q005853	619208	7112024	Sandy, decarbed subcrop samples.
Q005854	619208	7112024	Sandy, decarbed subcrop samples.
Q005855	619221	7112011	Auger of oxidizing arg from pit bottom.
Q005856	619221	7112011	Clayey arg material near pit bottom
Q005857	619221	7112011	Clayey arg material near pit bottom
Q005858	619221	7112011	Oxide material from colluvial layer.
Q005859	619221	7112011	Altered limestone fragments from colluvium
Q005860	619181	7112015	Limestone samples from colluvial layer.
Q005861	619181	7112015	Limestone samples from colluvial layer.
Q005862	619181	7112015	Limestone samples from colluvial layer.
Q005863	619107	7111708	Calcareous brown clay with assorted rock fragments.
Q005864	619107	7111708	Oxidizing cherty fragment.
Q005865	619107	7111708	White limestone fragment.,
Q005866	619107	7111708	Sandy, porous limestone from colluvial layer.
Q005867	354008	7110555	Silicified zebra dolostone in float. Fg euhedral quartz crystals.
Q005868	353994	7110587	Oxidizing, calcareous porous boxwork sample in float.
Q005869	353994	7110597	Sandy, oxidized heavily calcite veined.
Q005870	353997	7110607	Oxidizing material with calcite veinlets in float.
Q005871	354035	7110584	Sandy, oxidizing zb dol sample in float.
Q005872	354050	7110592	Large boulder of oxidizing, porous, sandy dolostone in float.
Q005873	354209	7110635	Fine grained carbonate with calcitge veining. Oxidative weathering.
Q005874	354284	7110589	Light coloured, weakly calcareous clastic fragments in float.
Q005875	354280	7110570	Soil and rock from outcrop face.
Q005876	354280	7110570	Talus fragments of zebra dolomite.
Q005877	354280	7110570	Calcite vein. Minor wall rock slivers.
Q005878	354338	7110560	Soil and rock fragments from outcrop.
Q005879	354389	7110653	Silicified zebra dolostone in float. Mg euhedral quartz crystals.
Q005880	354411	7110678	Zebra dolostone breccia

SampleID	Easting	Northing	Comments
Q005881	354443	7110689	Intergrown euhedral quartz, calcite and dolomite wall rock.
Q005882	354443	7110689	Cg calcite vein with sanded dolostone wall rock
Q005883	354442	7110673	Rock and soil fragments from under soil picket.
Q005884	354451	7110663	Dolostone fault breccia in float.
Q005885	354451	7110663	Dolostone fault breccia in float.
Q005886	354485	7110753	Fault breccia derived from chert?
Q005887	354725	7111016	B horizon material from beneath anomalous soil picket. Compare how digestion influence gold values.
Q005888	354752	7111014	Oxidizing dolostone with calcite veinlets.
Q005889	354752	7111014	Oxidizing dolostone with calcite veinlets.
Q005890	354633	7111378	Float sample. Oxidizing dolostone.
Q005891	354668	7111279	Oxidizing dolostone float in creek.
Q005892	354997	7111230	Brown soil and rock fragments
Q005893	354997	7111230	Small zebra dolostone fragments.
Q005894	354997	7111230	Larger zebra dolostone fragments.
Q005895	354987	7111218	Soil and dolostone fragments.
Q005896	354994	7111207	soil and dolostone fragments.
Q005897	354994	7111207	Small dolostone fragments.,
Q005898	354952	7111187	Float boulder. Dolostone with Qz vein.
Q005899	354959	7111160	Calcite veined dolostone. Local oxidation.
Q005900	354959	7111160	Calcite veined dolostone. Local oxidation.
Q005901	354959	7111160	Calcite veined dolostone. Local oxidation.
Q005902	354959	7111160	Calcite veined dolostone. Local oxidation.
Q005903	354959	7111160	Outcrop sample. Calcite veining in dolostone.
Q005904	354984	7111157	Float sample dolostone fault bx.
Q005905	354973	7111152	sandy dolostone breccia in float.
Q005906	354950	7111134	Rounded clasts in float. Euhedral Qz in dolostone.
Q005907	354980	7111114	Fragments from pit.
Q005908	354980	7111114	Zebra dolostone with euhedral quartz.
Q005909	355007	7111118	Pitted, sandy dolostone.
Q005910	615740	7114346	Brown soil developed over bedrock.
Q005911	615740	7114346	Dark clay in subcrop.
Q005912	615740	7114346	Oxidizing limestone fragment from colluvium
Q005913	615740	7114346	Dark, weakly decarbed micrite in subcrop

SampleID	Easting	Northing	Comments
Q005914	615726	7114350	Brown soil near top of pit.
Q005915	615726	7114350	Reddish soil horizon ~1ft depth.
Q005916	615726	7114350	Micrite from subcrop in pit bottom
Q005917	615726	7114350	Oxidized, hematitic, porous, intensely altered material.
Q005918	615726	7114350	Oxidized, hematitic, porous, intensely altered material.
Q005919	615726	7114350	Oxidized, hematitic, porous, intensely altered material.
Q005920	615726	7114350	Oxidized, hematitic, porous, intensely altered material.
Q005921	615726	7114350	Oxidized, hematitic, porous, intensely altered material.
Q005922	615726	7114350	White silicified limestone from colluvium layer in pit.
Q005923	615726	7114350	Tan, argillic CBx. Colluvial layer in pit.
Q005924	615737	7114354	Brown soil above subcrop.
Q005925	615737	7114354	Micrite with realgar in calcite vein. Subcrop in pit.
Q005926	615759	7114385	Dark clay from pit bottom
Q005927	615759	7114385	Dark clay from pit bottom
Q005928	615759	7114385	Dark clay from pit bottom
Q005929	615759	7114385	Dark, decarbed limestone from pit bottom.
Q005930	615759	7114385	Dark, decarbed limestone from pit bottom.
Q005931	615783	7114407	Dark brown oxide material from pit walls.
Q005932	615783	7114407	Oxidizing argillite clasts from pit wall.
Q005933	615783	7114407	Argillite auger from pit bottom
Q005934	615783	7114407	Argillite flakes from pit.
Q005935	615783	7114407	Induarted argillite from pit
Q005936	615772	7114397	Oxide horizon from pit.
Q005937	615772	7114397	Hematitic sandstone
Q005938	615771	7114383	Auger from pit bottom ~6ft, clayey arg.
Q005939	615771	7114383	Auger from pit bottom ~6ft, clayey arg.
Q005940	615771	7114383	Oxidizing wackestone clast above argillite .
Q005941	615771	7114383	Limonite clast above argillite.
Q005942	615771	7114383	Argillic CBx clast within carbonaceous argillite.
Q005943	615771	7114383	Argillic CBx clast within carbonaceous argillite.
Q005944	615771	7114383	Limonite clast within carbonaceous argillite.
Q005945	615772	7114397	Indurated carbonaceous argillite fragments from pit.
Q005946	615772	7114397	Indurated carbonaceous argillite fragments from pit.

SampleID	Easting	Northing	Comments
Q005947	615772	7114397	Carbonaceous argillite fragments from pit bottom.
Q005948	615772	7114397	Carbonaceous argillite fragments from pit bottom.
Q005949	615772	7114397	Oxide horizon ~2ft deep.
Q005950	615772	7114397	Indurated carbonaceous argillite fragments from pit.
Q005951	615772	7114397	Tan coloured silt stone in outcrop at pit bottom.
Q005952	615772	7114397	Tan coloured silt stone in outcrop at pit bottom.
Q005953	615760	7114372	Auger sample from pit bottom. ~7ft deep. Powdery, carbonaceous argillites.
Q005954	615760	7114372	Auger sample from pit bottom. ~7ft deep. Powdery, carbonaceous argillites.
Q005955	615760	7114372	Auger sample from pit bottom. ~7ft deep. Powdery, carbonaceous argillites.
Q005956	615760	7114372	Dark clay with oxidizing fragments.
Q005957	615760	7114372	Variably decarbed limestone fragments from pit bottom.
Q005958	615760	7114372	ferruginous calcite vein fragments and wall rock.
Q005959	615760	7114372	ferruginous calcite vein fragments and wall rock.
Q005960	615760	7114372	Variably DCA limestone fragments from pit bottom.
Q005961	615760	7114372	Dark clay with oxidizing fragments.
Q005962	615760	7114372	DCA limestone with ferruginous calcite.
Q005963	615760	7114372	Brown clay.
Q005964	615760	7114372	Brown clay.
Q005965	615760	7114372	Brown and black clay. Oxidizing fragments.
Q005966	615760	7114372	Oxide fragments.
Q005967	615760	7114372	Oxide fragments.
Q005968	615760	7114372	DCA limestone with ferruginous calcite.
Q005969	615760	7114372	DCA limestone with ferruginous calcite.
Q005970	615760	7114372	Brown clay. Oxidizing fragments.
Q005971	615760	7114372	DCA limestone from bottom of pit.
Q005972	616923	7113888	Grey coloured dolomitized limestone.
Q005973	616923	7113888	Grey coloured dolomitized limestone.
Q005974	616923	7113888	Reddish brown flour like soil and rock fragments.
Q005975	616952	7113855	Oxidizing, dolomitized limestone breccia.
Q005976	616952	7113855	Assorted breccia fragments in float.
Q005977	616952	7113855	Grey dolomitized limestone.
Q005978	616965	7113879	Oxidized dolomitized limestone breccia with bitumen.
Q005979	616965	7113879	Oxidized dolomitized limestone breccia with bitumen.

SampleID	Easting	Northing	Comments
Q005980	616965	7113879	Brown soil and rock fragments.
Q005981	616973	7113882	Small oxidizing limestone fragments in float.
Q005982	617015	7113908	Breccia fragments in float.
Q005983	616997	7113928	Soil and rock fragments from picket.
Q005984	616997	7113928	Soil and rock fragments up slope of pickets.
Q005985	616997	7113928	Grey dolomitized limestone subcrop under picket.
Q005986	616997	7113928	Breccia samples in float around picket.
Q005987	616997	7113928	Breccia samples in float around picket.
Q005988	616997	7113928	Breccia samples in float around picket.
Q005989	616997	7113928	Breccia samples in float around picket.
Q005990	616997	7113928	Breccia samples in float around picket.
Q005991	616997	7113928	Breccia samples in float around picket.
Q005992	616997	7113928	Breccia samples in float around picket.
Q005993	616997	7113928	Breccia samples in float around picket.
Q005994	616997	7113928	Breccia samples in float around picket.
Q005995	616997	7113928	Breccia samples in float around picket.
Q005996	616997	7113928	Breccia samples in float around picket.
Q005997	616997	7113928	Breccia samples in float around picket.
Q005998	616997	7113928	Breccia samples in float around picket.
Q005999	616997	7113928	Breccia samples in float around picket.
Q006000	616997	7113928	Breccia samples in float around picket.
Q007251	616997	7113928	Breccia samples in float around picket.
Q007252	616997	7113928	Breccia samples in float around picket.
Q007253	616995	7113919	Highly oxidized limestone.
Q007254	616995	7113919	Highly oxidized limestone.
Q007255	616995	7113919	Highly oxidized limestone.
Q007256	616995	7113919	Highly oxidized limestone.
Q007257	616990	7113921	Oxidizing, hematitic argillic crackle breccia fragments in float.
Q007258	616990	7113921	Oxidizing, hematitic argillic crackle breccia fragments in float.
Q007259	616990	7113921	Oxidizing, hematitic argillic crackle breccia fragments in float.
Q007260	616990	7113921	Oxidizing, hematitic argillic crackle breccia fragments in float.
Q007261	616990	7113943	Reddish, brown soil surrounding outcrop.
Q007262	616995	7113937	Reddish brown soil.

SampleID	Easting	Northing	Comments
Q007263	616995	7113931	reddish brown soil.
Q007264	616988	7113920	Light coloured sandy flour like soil in moss.
Q007265	616988	7113920	Brown soil and carbonaceous argillite flakes.
Q007266	616988	7113920	Brown soil and carbonaceous argillite flakes.
Q007267	617013	7113940	Soil and rock fragments.
Q007268	617047	7113935	Reddish brown soil below outcrop.
Q007269	617047	7113935	Hematitic carbonaceous argillite? In float.
Q007270	617039	7113923	Oxidized soil and rock fragments.
Q007271	617039	7113923	Oxidizing breccias.
Q007272	617039	7113923	Oxidizing breccias.
Q007273	617039	7113923	Oxidizing breccias.
Q007274	617022	7113908	Reddish brown soil with carbonaceous argillite fragments. Near limestone outcrop.
Q007275	616999	7113892	Reddish brown soil and rock fragments.
Q007276	615753	7114387	Ferruginous calcite and oxide material.
Q007277	615753	7114387	Random dirt and clay from pit.
Q007278	615753	7114387	DCA limestone frags from pit bottom.
Q007279	615753	7114387	DCA limestone frags from pit bottom.
Q007280	615753	7114387	DCA limestone frags from pit bottom.
Q007281	615753	7114387	Dark DCA clay seams in pit.
Q007282	615753	7114387	Dark DCA clay seams in pit.
Q007283	615757	7114386	Dark, clayey, DCA limestone.
Q007284	615757	7114386	Dark, clayey, DCA limestone.
Q007285	615757	7114386	Dark, clayey, DCA limestone.
Q007286	615757	7114386	Dark, clayey, DCA limestone.
Q007287	615757	7114386	DCA limestone with ferruginous calcite.
Q007288	615757	7114386	DCA limestone with ferruginous calcite.
Q007289	615723	7114363	Light brown clay ~1ft depth with rock fragments.
Q007290	615723	7114363	Purple brown clay ~2ft depth above outcrop
Q007291	615723	7114363	Oxidized rock in pit.
Q007292	615762	7114382	Ferruginous calcite and sandy DCA.
Q007293	615762	7114382	Ferruginous calcite and sandy DCA.
Q007294	615762	7114382	Clayey DCA from pit bottom.
Q007295	615762	7114382	Clayey DCA from pit bottom.

SampleID	Easting	Northing	Comments
Q007296	615762	7114382	Clayey DCA from pit bottom.
Q007297	615762	7114382	DCA limestone from pit bottom.
Q007298	615762	7114382	DCA limestone from pit bottom.
Q007299	612128	7112542	Oxidizing argillite.
Q007300	612128	7112542	Oxidizing argillite.
Q007301	612143	7112552	Highly oxidized fossiliferous limestone.
Q007302	611950	7112429	Oxidized argillite. Heavy silica veining.
Q007303	611950	7112429	Oxidized argiillite breccia.
Q007304	611950	7112429	Oxidized argiillite breccia.
Q007305	611950	7112429	Oxidized argiillite breccia.
Q007306	611933	7112449	Highly oxidized argillite flakes.
Q007307	611933	7112449	Dark, porous, clayey argillite.
Q007308	611933	7112449	Oxidized, highly porous argillite
Q007309	611935	7112432	Oxidized, brecciated argillite.
Q007310	611935	7112432	Oxidized, brecciated argillite.
Q007311	611935	7112432	Oxidizing siliceous breccias in float just below outcrop.
Q007312	611935	7112432	Oxidizing siliceous breccias in float just below outcrop.
Q007313	611935	7112432	Oxidizing siliceous breccias in float just below outcrop.
Q007314	611935	7112432	Oxidizing siliceous breccias in float just below outcrop.
Q007315	611932	7112410	Siliceous, porous argillites with vugs.
Q007316	611897	7112433	Heavy quartz veining in argillite.
Q007317	611844	7112408	Oxidizing, pitted limonite.
Q007318	611844	7112408	Oxidizing, pitted limonite.
Q007319	611988	7112248	Barite with oxidizing pits.
Q007320	611988	7112248	Assorted argillite flakes with quartz veining.
Q007321	612001	7112274	Porous argillite in float.
Q007322	612015	7112290	Porous argillite vein in float.
Q007323	612069	7112398	Oxidizing fossiliferous limestone.
Q007324	612069	7112398	Highly oxidized fragments from below outcrop
Q007325	612103	7112375	Oxidizing fragment in float amongst limestone talus.
Q007326	612103	7112375	Siliceous limestone samples in float
Q007327	612103	7112375	Siliceous limestone samples in float
Q007328	612103	7112385	Silicified limestone samples. Milky white quartz.

SampleID	Easting	Northing	Comments
Q007329	612103	7112385	Silicified limestone samples. Milky white quartz.
Q007330	612103	7112385	Silicified limestone samples. Milky white quartz.
Q007331	612103	7112385	Silicified limestone samples. Milky white quartz.
Q007332	612103	7112385	Silicified limestone samples. Milky white quartz.
Q007333	612453	7112378	Highly oxidized small fragment in float.
Q007334	612167	7112368	Dark, porous oxide sample in float.
Q007335	612172	7112411	Dark, cherty fossiliferous limestone with quartz vein in float.
Q007336	61040	7112525	Dark, carbonaceous soil and rock fragments from gopher hole.
Q007337	612158	7112422	Small limonitic fragments.
Q007338	612158	7112422	Beige, oxidizing, dolomitic carbonate.
Q007339	612158	7112422	Reddish brown soil.
Q007340	611917	7112720	Argillite with quartz veins.
Q007341	611917	7112720	Argillite with quartz veins.
Q007342	611917	7112720	Quartz vein fragments with argillite.
Q007343	611961	7112830	Large sample of quartz vein material and argillite wall rock.
Q007344	612102	7112741	Limonite dug from pit. Along lst-earn contact
Q007345	612206	7112507	Oxidizing barite and quartz.
Q007346	612206	7112507	Oxidizing barite and quartz.
Q007347	612206	7112507	Large sample abundant quartz and wall rock.
Q007348	612255	7112474	Fossiliferous limestone, oxidizing with barite veinlets.
Q007349	612441	7112448	Slightly oxidized limestone with calcite and barite veinlets in float.
Q007350	612441	7112448	Oxidizing limestone from within fold
Q007351	612441	7112448	Oxidizing limestone
Q007352	612441	7112448	Oxidized soil and rock fragments.
Q007353	612441	7112448	Oxidized limestone with calcite veinlets. Limestone is dark, possibly DCA.
Q007354	612457	7112450	Oxidizied limestone with calcite veining.
Q007355	612457	7112450	Heavily pitted, oxidized, fossiliferous limestone.
Q007356	612497	7112406	Limonite.
Q007357	612945	7112389	Oxidized, heavily calcite veined limestone. Dark carbonaceous wall rock. DCA?
Q007358	612555	7112328	Oxidizing limestone sample in float.
Q007359	612551	7112309	Highly oxidized, silicified limestone.
Q007360	612551	7112309	Oxidized limestone, silica sinter
Q007361	612551	7112309	Oxidized limestone, silica sinter, black seams

SampleID	Easting	Northing	Comments
Q007362	612551	7112309	Extremely oxidized limestone, silica sinter
Q007363	612551	7112309	Un oxidized, milky, white qz frags
Q007364	612551	7112309	Un oxidized, milky, white qz frags
Q007365	612551	7112309	silicified limestone, less oxidized, milky quartz.
Q007366	612540	7112266	Slightly oxidized limestone in float silica sinter.
Q007367	612464	7112134	silicified, oxidizing limestone fragment in float. Milky white quartz.
Q007368	612502	7112122	silicified limestone with milky white quartz veins.
Q007369	612451	7112146	Silica flooded fossiliferous limestone. No oxidation
Q007370	612451	7112146	Extremely silicified limestone. No oxidation, milky white silica flooding.
Q007371	612451	7112146	Extremely silicified limestone. No oxidation, milky white silica flooding.
Q007372	612456	7112181	Silicified limestone in float. Milky white quartz flooding.
Q007373	612422	7112184	silica flooded fossiliferous limestone.
Q007374	612422	7112184	silica flooded fossiliferous limestone.
Q007375	612397	7112190	Chert. Milky white on outside.
Q007376	612397	7112190	Oxidizing orange clast with Qz veining.
Q007377	612583	7112446	Limonite.
Q007378	612583	7112446	Limonite.
Q007379	612583	7112446	Limonite.
Q007380	612606	7112399	Ca veining in silty micrite. Weathers oxidatively.
Q007381	612622	7112400	calcite veining in black speckled limestone. Possibly silicified
Q007382	612660	7112333	Oxidizing chert with quartz veining and silica sinter in float.
Q007383	612660	7112333	Oxidizing chert with quartz veining and silica sinter in float.
Q007384	612642	7112308	Quartz veining in weakly calcareous chert. Oxidative weathering.
Q007385	612792	7112242	Small oxidizing fragments from float trains.
Q007386	612792	7112242	Small oxidizing fragments from float trains.
Q007387	612728	7112392	porous, oxidizing limestone in float.
Q007388	617027	7114749	Quartz vein material in float.
Q007389	617027	7114749	Quartz vein material in float.
Q007390	617027	7114749	Quartz vein material in float.
Q007391	617028	7114738	Quartz vein material in float.
Q007392	617085	7114641	Powdery argillite from geotool pit.
Q007393	617085	7114641	Argillite fragments
Q007394	617096	7114686	Powdery carbonaceous argillite

SampleID	Easting	Northing	Comments
Q007395	617096	7114686	Small sample of quartz vein fragments.
Q007396	616902	7114572	Large fragments of milky white quatz in float
Q007397	616853	7114629	Dark coloured, powdery siliceous argillite within outcrop
Q007398	616853	7114629	Large fragments of siliceous argillites.
Q007399	616812	7114682	Reddish brown soil and rock fragments.
Q007400	616812	7114682	Reddish brown soil and rock fragments.
Q007401	616808	7114716	reddish brown soil
Q007402	616772	7114776	brown clayey soil from under picket.
Q007403	616772	7114776	brown clayey soil from under picket.
Q007404	616772	7114776	Argillite flakes.
Q007405	616750	7114768	reddish brown soil
Q007406	616751	7114734	Quartz vein material in float.
Q007407	616769	7114715	Siliceous breccia, abundant milky white quartz
Q007408	616752	7114685	Black clay.
Q007409	616752	7114685	Fine grained material from colluvium.
Q007410	616760	7114716	Milky white quartz veining in siliceous argillite.
Q007411	616422	7115003	Dark clay and carbonaceous argillite. Vegetative anomaly.
Q007412	616424	7114991	Dark claey and carbonaceous argillite fragments from geotool pit.
Q007413	617010	7113945	Argillic Bx. Tan clast from pit in colluvium
Q007414	616836	7114007	Grey clay and argillite fragments.
Q007415	616836	7114007	Grey clay and argillite fragments.
Q007416	624600	7112400	Oxidizing, clayey carbonaceous argillite.
Q007417	616908	7114751	Brown soil and argillite flakes.
Q007418	616908	7114751	reddish brown soil
Q007419	616908	7114751	dark grey soil and argillite fragments
Q007420	616908	7114751	dark grey soil and argillite fragments
Q007421	616868	7114228	Reddish brown clay and argillite flakes.
Q007422	616855	7114740	Upper horizon of reddish brown soil
Q007423	616855	7114740	Dark soil and argillite flakes.
Q007424	616827	7114728	Mottled dark brown to black soil in geotool. Abundant argillite flakes.
Q007425	616827	7114728	Reddish brown soil from geotool pit.
Q007426	616827	7114728	Reddish brown soil from geotool pit.
Q007427	616827	7114728	Oxidizing argillite clast with quartz veining.

SampleID	Easting	Northing	Comments
Q007428	616838	7114784	Brown soil and rock fragments.
Q007429	616838	7114784	Brown soil and rock fragments.
Q007430	616800	7114799	Argillite flakes and soil
Q007431	616828	7114821	Brown soil and argillite flakes from shallow pit.
Q007432	616758	7114200	Highly oxidized soil
Q007433	616758	7114200	Highly oxidized soil
Q007434	616828	7113982	Altered limestone, oxidized, stylolites and dissolution seams
Q007435	616828	7113982	Altered limestone, oxidized, stylolites and dissolution seams
Q007436	616828	7113982	Altered limestone, oxidized, stylolites and dissolution seams
Q007437	616828	7113982	Altered limestone, oxidized, stylolites and dissolution seams
Q007438	616828	7113982	Altered limestone, oxidized, stylolites and dissolution seams
Q007439	616828	7113982	Altered limestone, oxidized, stylolites and dissolution seams
Q007440	616828	7113982	Altered limestone, oxidized, stylolites and dissolution seams
Q007441	616828	7113982	Altered limestone, oxidized, stylolites and dissolution seams
Q007442	616828	7113982	Altered limestone, oxidized, stylolites and dissolution seams
Q007443	616828	7113982	Oxidized arg clast with quartz veins
Q007444	616828	7113982	Oxidized arg clast with quartz veins
Q007445	616828	7113982	Dark clay and oxidized material near pit bottom
Q007446	616828	7113982	Dark clay and oxidized material near pit bottom
Q007447	616828	7113982	Dark clay and oxidized material near pit bottom
Q007448	616828	7113982	Dark clay and oxidized material near pit bottom
Q007449	616655	7113882	fragments of argilic altered limestone
Q007450	616655	7113882	Light grey dolomitized limestone fragments, dark carbonaceous material.
Q007451	616655	7113882	Sandy soil and small rock fragments.
Q007452	616930	7113883	High denisty fracture seams in limestone defining CBx.
Q007453	616824	7113970	oxidized limestone
Q007454	616824	7113970	dolomitized limestone, non reactive, possibly silicification.
Q007455	616818	7113967	Reddish purple weathering, variably calcareous. Fine grained.
Q007456	616696	7114030	Dol, DCA LST from colluv layer in pit.
Q007457	618075	7113218	Tan coloured breccias
Q007458	617841	7113298	Calcite veining in limestone, minor oxidation.
Q007459	617866	7113313	Dark coloured micrite, possible decarb.
Q007460	617886	7113338	Calcite veining, argillic and dol alteration, crackle breccia

SampleID	Easting	Northing	Comments
Q007461	617886	7113338	Calcite veining, argillic and dol alteration, crackle breccia
Q007462	617904	7113330	Crackle breccia dolomitized, argillic alteration, hematite possible silicification
Q007463	617904	7113330	Oxidizing, milky white, quartz vein fragments.
Q007464	617904	7113330	Dolomitized limestone, localized argililc alteration.
Q007465	617904	7113330	Pervasively oxidized, locally pitted, calcareous limestone
Q007466	617972	7113368	Oxidizing, argillic crackle breccia fragments.
Q007467	617949	7113382	Argillic altered fragments.
Q007468	617911	7113389	oxidizing argillic altered crackle breccia in float.
Q007469	617911	7113389	oxidizing argillic altered crackle breccia in float.
Q007470	617886	7113399	Intense argillic alteration in float at base of outcrop
Q007471	617877	7113402	Intense argillic alteration in float at base of outcrop
Q007472	617769	7113293	Limestone outcrop, calcite veining and abundant carbonaceous material.
Q007473	617715	7113316	CBx, intense calcite veining, argillic and dolomitic alteration.
Q007474	617673	7113295	Dolomite and CBX alt in float,
Q007475	617651	7113323	Argillic, dolomitix and CBx limestone in float.
Q007476	617517	7113706	Wackestone fragments with oxidizing carbonaceous material under soil pickets.
Q007556	608999	7115299	See Photo
Q007557	608999	7115299	See Photo
Q007558	608999	7115299	See Photo
Q007559	608999	7115299	See Photo
Q007560	608999	7115299	See Photo
Q007561	608999	7115299	See Photo
Q007562	608999	7115299	See Photo
Q007563	608999	7115299	See Photo
Q007564	608999	7115299	See Photo
Q007565	608999	7115299	See Photo
Q007566	608999	7115299	See Photo
Q007584	619084	7113334	Oxidizing, porous argillite.
Q007585	619084	7113334	Oxidizing, porous argillite.
Q007586	619084	7113334	Limonite
Q007587	619088	7113303	Oxidizing argillite with quartz veining and localized breccia textures.
Q007588	619088	7113303	Oxidizing argillite with quartz veining and localized breccia textures.
Q007589	619088	7113303	Oxidizing argillite with quartz veining and localized breccia textures.

SampleID	Easting	Northing	Comments
Q007590	619088	7113303	Oxidizing argillite with quartz veining and localized breccia textures.
Q007591	619088	7113303	Oxidizing argillite with quartz veining and localized breccia textures.
Q007592	618928	7113193	Dark clayey material from soil pit with oxidizing fragments.
Q007593	618431	7113044	Hematitic carbonaceous wackestone.
Q007594	618431	7113044	Oxidizing siltstone in float.
Q007595	618445	7113037	Hematitic limestone in float.
Q007596	618384	7113113	Highly oxidized material.
Q007597	618384	7113113	Highly oxidized material.
Q007598	618384	7113113	Highly oxidized material.
Q007599	618384	7113113	Highly oxidized material.
Q007600	618379	7113154	Argillic CBx, intense alteration.
Q007601	616895	7114974	Beige, knubbly weathering. Silver-grey, metallic, soft sulphide. Stibnite? Green-white oxide coating.
Q007602	616894	7114972	Altered dark, f.g. non-calcareous rock with vugs with yellow staining. Other part of rock is replaced by quartz and sandy decarb material. Chunk of quartz in sandy material, very porous. Antimony oxide. Some stibnite.
Q007603	616894	7114972	Altered rock, section is stibnite, other section of rock is banded white grey, light grey, black, beige, and is porous, sandy and pocky.
Q007604	616910	7114989	Altered course grained, non-calcareous rock. Resistive quartz seen on weathering surface. Porous and oxidized inside.
Q007605	616770	7114009	tan calcite veined limestone. One fracture has orange, pocky, oxidized material.
Q007606	616769	7114009	grey fractured limestone, calcite veined.
Q007607	616770	7114008	Dark-tan limestone, calcite veined.
Q007608	616910	7114970	Grey rock with orange oxide coating, 5mm thick, on two sides of broken face. Rock is porous, vuggy, some vugs have euhedral quartz, also euhedral quartz disseminated in rock.
Q007609	616908	7114969	Black sub-rounded clasts in orange oxidized matrix. Some yellow-green staining, moderately porous. Clasts range in size from 0.5mm to 6mm. Fault rock?
Q007610	616906	7114969	Grey rock that has some section brecciated, sub rounded clasts. Other section is pocky, very porous. Tiny quartz crystals, minor limonitic alteration.
Q007611	616906	7114969	Grey rock that is porous, green band that is very porous. One section is grey because of quartz added.
Q007612	616957	7114895	pit bottom sample, dirt and rock fragments. Minor clay content.
Q007613	616957	7114896	clay and rock fragments, green hue to clay.
Q007614	616957	7114896	clay and rock fragments, grey
Q007615	616940	7114939	siltstone fragments that are the most altered in the pit, oxidized and different weathering. Some quartz veined with euhedral quartz in vugs.
Q007616	616960	7114897	Auger sample from pit bottom. Clay with minor siltstone rock fragments.
Q007617	616957	7114896	Auger sample from pit bottom. Clay with siltstone rock fragments.
Q007618	616919	7114938	Siltstone fragments, some with minor oxide coating.

SampleID	Easting	Northing	Comments
Q007619	616896	7114973	Grey-tan-orange altered, course grained rock. Non-calcareous, porous, pocky, quartz added.
Q007620	616896	7114973	dark grey rock, vugs, quartz disseminated throughout rock. Porous
Q007621	617023	7114605	Grey course grained, non-calcareous rock. Grains are sub-rounded, 1mm to 10mm. Altered section of rock is very porous with bladed quartz and is brown-black. Many blobs of pyrite.
Q007622	616772	7114022	Auger sample from pit bottom. Mud + siltstone fragments.
Q007623	616773	7114024	Continuous sample from 5ft to 3ft, siltstone + dirt.
Q007624	616773	7114024	Grey dirt with minor clay content.
Q007625	616773	7114023	Fragments of siltstone from waste pile which are mostly oxidized. Rock is easily broken into pieces with hands. Rock are moderately porous.
Q007626	616773	7114023	Most altered looking fragments from waste pile. Some are vuggy-quartz added-yellow staining.
Q007627	616777	7114028	Auger sample from pit bottom. Mud + siltstone fragments.
Q007628	616776	7114031	Continuous sample from 4ft to 2ft, siltstone fragments + dirt.
Q007629	616905	7114958	Siltstone fragments + pieces of course grained unit.
Q007630	616834	7114984	Auger sample from pit bottom. Siltstone fragments + dirt.
Q007631	616833	7114984	small rock fragments, slightly oxidized, dirt.
Q007632	616832	7114984	Continuous sample of dirt + siltstone, from 5ft to 4ft.
Q007633	616832	7114984	brown dirt + siltstone fragments
Q007634	527848	7115784	green-beige clastic rock. Weakly oxidized, smoothed suface on one face. Pyrite disseminated
Q007635	527848	7115784	green-beige clastic rock. Slightly heavy, oxidized.
Q007636	527847	7115784	shale broken up by calcite veins.
Q007637	527847	7115784	shale fragments. Some calcite veined, some calcite veins with quartz blobs. Weaklly oxidized veins.
Q007638	527852	7115782	stratabound oxide in shale
Q007639	527844	7115785	stratabound oxide in shale
Q007640	527848	7115783	largest peoce of oxide, locally pocky and porous. Some quartz and calcite precipatate
Q007641	527848	7115782	calcite veins, some have clasts in veins
Q007642	527864	7115793	black f.g., calcaeous rock. Calcite veins with green mica mineral, fukesite
Q007643	527864	7115797	dark f.g., calcaeous rock. Calcite veined. Altered section of rock is porous and pocky and not as calcareous.
Q007644	533058	7123227	grey non-calcareous rock. Silvery sulphides, oxidation frontin rock so that half of rock is oxidized. Some vugs
Q007645	533058	7123227	oxidized rock. Yellow-orange inside, non-calcaeous, clastic looking.
Q007646	533060	7123201	quartz vein, moderately oxidized, dark subhedral crystal 1cmx1cm (quartz?), one vug with calcareous, soft, black material, black metallic sulphide in some sections
Q007647	533063	7123204	light grey, non-calcareous rock. Bearing pyrite, section of rock is green and moderatly calcaeous. One section is dark quartz vein.
Q007648	533057	7123185	pocky oxide, locally beige and porous

SampleID	Easting	Northing	Comments
Q007649	533057	7123185	massive quartz,vugs with soft dark material which is calcareous. Black metallic sulphide.
Q007650	533056	7123183	rock is composed of small quartz crystals, less than 1mm, and muscovite books. Moderately oxidized, pocky. Small sample.
Q007651	618379	7113154	Pervasively oxidized, hematitic limestone in float.
Q007652	618379	7113154	Pervasively oxidized, hematitic limestone in float.
Q007653	618399	7113167	Oxidizing, argillic CBx.
Q007654	618477	7113134	Boxwork, oxidizing argillic CBx
Q007655	618444	7113089	Heavy, goethitic oxide in float.
Q007656	618444	7113089	Heavy, goethitic oxide in float.
Q007657	618449	7113081	Limonite in float.
Q007658	618449	7113081	Limonite in float.
Q007659	619342	7112963	Oxide seam on road.
Q007660	619340	7112978	Oxide seam on road.
Q007661	618996	7113620	Pitted, oxidizing, gravelly, poorly sorted, weakly calcareous sandstone.
Q007662	618996	7113620	Pitted, oxidizing, gravelly, poorly sorted, weakly calcareous sandstone.
Q007663	619686	7113165	Dark, DCA limestone.
Q007664	619686	7113165	Oxidizing, sandy , gravelly, DCA limestone.
Q007665	619686	7113165	Oxidizing, sandy , gravelly, DCA limestone.
Q007666	619337	7112908	Dark brown horizon in road cut. Shallow plunge in plane of road cut.
Q007667	619337	7112908	Black sandy horizon above brown horizon.
Q007668	619323	7112884	Oxidizing, competent argillite from outcrop in road.
Q007669	619323	7112884	Grey clayey material next to sandy argillite.
Q007670	618562	7112029	Limonite
Q007671	619249	7113229	Argillite with localized oxidation and euhedral Qz.
Q007672	619249	7113229	Highly oxidized rock with small calcite veinlets.
Q007673	619185	7113151	Oxidizing argillite with milky white quartz veining.
Q007674	619188	7112869	Oxide material with quartz veining.
Q007675	619188	7112869	Oxide material with quartz veining.
Q007676	619188	7112869	Oxide material with quartz veining.
Q007677	619298	7112858	Road Cut. Black powdery argillite from colluvial horizon.
Q007678	619298	7112858	Road Cut. Calcite vein fragment with argillite wall rock.
Q007679	619295	7112856	Road Cut. Brown clay.
Q007680	619290	7112850	Road Cut. Grey argillite subcrop.

SampleID	Easting	Northing	Comments
Q007681	619285	7112847	Road Cut. Dark, powdery argillite.
Q007682	619285	7112847	Road Cut. Oxidizing argillite seam.
Q007683	619281	7112840	Road Cut. Black, powdery argillite.
Q007684	619281	7112840	Road Cut. Material from oxide seam
Q007685	619281	7112840	Road Cut. Black powdery argillite.
Q007686	619276	7112830	Road Cut. Black, powdery argillite.
Q007687	619276	7112830	Road Cut. Black, powdery argillite.
Q007688	619276	7112830	Road Cut. Black, powdery argillite.
Q007689	619269	7112818	Road Cut. Black, powdery argillite.
Q007690	619269	7112818	Road Cut. Oxide seam on road.
Q007691	619269	7112818	Road Cut. Oxide seam on road.
Q007748	527073	7118050	Ankerite veining in dolostone.
Q007749	527073	7118050	Spotted, clay altered ferruginous dolostone.
Q007750	527073	7118050	Spotted, clay altered ferruginous dolostone.
Q011001	616089	7114029	Tan, moderate-strong argillic altered weakly reactive dolostone with intense calcite veining
Q011002	616403	7114019	Tan strong argillica altered carbonate (weakly reactive) with adjacent dark grey limestone breccia comprising tan weathered clasts <5mm in dark grey limey matrix. White calcite vein occurs adjacent to breccia.
Q011003	616403	7114019	Tan, strong arillic altered carbonate (weakly reactive) hosting intense calcite veining with weak yellow staining
Q011004	616507	7114087	Yellow, strongly altered weakly reactive carbonate. Argillic alteration? Yellow material powdery
Q011005	616513	7114088	Grey, brown weathered, very reactive limestone with strong oxidation and oxidized calcite veins.
Q011006	616512	7114088	Various fragments of strongly altered, yellow carbonate similar to Q011005. 6-7 different rocks included
Q011007	616512	7114088	Grey, orange-brown weathered, very reactive limestone with rusty calcite veining and pervasive oxidation (10%0
Q011008	616512	7114089	Grey, brown weathered, weakly reactive carbonate with calcite veining and dark grey stringers with oxidation
Q011009	616509	7114091	Yellow-tan, brown weathered, weakly reactive carbonate with strong argillic alteration and yellow overprint.
Q011010	616509	7114091	Pale green, brown weathered and pitted weakly reactive carbonate with strong green-brown alteration.
Q011011	616308	7114225	Orange, intensely oxidized, weakly reactive limestone. Pit bottom. West pit corner.
Q011012	616308	7114226	Intensely oxidized fines from pit bottom.
Q011013	616308	7114226	Moderately oxidized dark grey limestone from north wall.
Q011014	616308	7114226	Brown clay material.
Q011015	616308	7114226	Dark brown clay from overburden.
Q011016	616308	7114226	Intensely oxidized weakly reactive limestone. From pile
Q011017	616308	7114226	Intensly oxidized, moderately reactive limestone with black muddy material on surface. Slickenside/riedel shear present. From pile.

SampleID	Easting	Northing	Comments
Q011018	616308	7114226	Dark grey limestone with 5% pervasive oxidation and oxidized calcite veinlets. Fine-grained black material in stringers and on fracture surfaces
Q011019	616328	7114257	Brown clay with polylithics. Dominantly grey, yellow weathered dolostone (weakly reactive).
Q011020	616328	7114257	Brown clay with polylithics. Dominantly grey, yellow weathered dolostone (weakly reactive).
Q011021	616328	7114257	Strong pervasive yellow altered weakly reactive dolostone. Within cover above brown-grey clay.
Q011022	616108	7114272	Ferrigenous calcite vein hosted in weakly oxidized dolostone
Q011023	616111	7114273	Orange-brown oxidized dirt and gravel
Q011024	616111	7114273	Oxidized dirt/gravel with argilllite chip component
Q011025	616111	7114273	Oxidized dirt/gravel with argillite chip component
Q011026	616111	7114273	Strongly oxidized limestone with muddy black material on surfaces and intense calcite veining.
Q011027	616111	7114273	Strongly oxidized limestone with muddy black material on surfaces and intense calcite veining.
Q011028	616111	7114274	Moderately oxidized, moderately argillic altered carbonate with calcite veining and 8mm vein hosting pinkish mineral
Q011029	616111	7114274	Intensely oxidized carbonate with patchy orange-black colour
Q011030	616111	7114274	Dark grey, orange-brown weathered, micritic carboante with oxidized calcite veining and reddish oxidation on fracture surfaces (10%)
Q011031	616314	7114237	Gun metal grey argillite chips and dark red stained material. Pit bottom
Q011032	616314	7114237	Yellow clayish material with red oxidation. 10cm thick horizon on one wall.
Q011033	616314	7114236	Grey sandy clay material above yellow, clayey dirt horizon
Q011034	616313	7114236	Moderately oxidized (yellow, green, red) argillite chips and reddish clayey dirt material.
Q011035	616313	7114236	Moderately oxidized (yellow, green, red) argillite chips and reddish clayey dirt material.
Q011036	616313	7114236	Black argillite with green-yellow moderate oxidation. Fragment of several rocks
Q011037	616313	7114236	Dark grey, massive limestone with red oxide staining on fracture surfaces (10%). Sample from rock pile, depth unknown.
Q011038	616312	7114236	Orange-brown intensely oxidized clay. From rock pile, depth unknown.
Q011039	615851	7114351	Argillite with green oxide. Pit bottom
Q011040	615851	7114351	Orange oxide and grey clay material.
Q011041	615851	7114351	Grey clay with argillite
Q011042	615851	7114351	Orange oxide and grey clay material
Q011043	615854	7114348	Orange oxide with bright grey clay from horizon near pit surface. Horizon oriented 273/20-30S.
Q011044	615845	7114314	Massive ferrigenous calcite with dark grey limestone host. Bedrock.
Q011045	615845	7114314	Brown oxidized, dirty fines with limestone fragments and massive calcite fragments.
Q011046	615836	7114353	Bright grey and bright orange oxidized clay material in argillite
Q011047	615836	7114353	Bright grey clayey argillite
Q011048	615836	7114353	Bright grey clayey argillite with weak green oxide staining. Chip sample from 80cm to 180cm depth.

SampleID	Easting	Northing	Comments
Q011049	615836	7114353	Bright grey clayey argillite with weak green oxide. Pit floor.
Q011050	615848	7114326	Bleached grey, altered but reactive limestone with orange-yellow staining associated with pitting. Weak silicification?
Q011051	615865	7114363	Grey clay with argillite chips. SW pit wall (see pit photos with geotool pointing north).
Q011052	615865	7114363	Orange-brown oxidized horizon in argillite with clay material from 5cm on either side. SW pit wall (see photos with geotool handle pointing north).
Q011053	615865	7114363	Medium grey clay with argillite chips (highly fractured). 1.10m - 1.80m depth. SW pit wall (see photos with geotool handle pointing north).
Q011054	615865	7114363	Medium grey sandy clay and argillite chips (prevalent clay component relative to other material on pit wall). 80cm-1.10m depth. SW pit wall (see photos with geotool handle pointing north).
Q011055	615865	7114363	Medium grey agrillite-sandy, clayey argillite material. 40-80cm depth. SW pit wall (see photos with geotool handle pointing north).
Q011056	615865	7114363	Brown clayey dirt overburden with light grey horizon at contact with underlying argillite. 0-40cm depth. SW pit wall (see photos with geotool handle pointing north).
Q011057	615865	7114363	Angular black argillite cobbles with orange oxidation on fracture surfaces (weak). West corner of pit.
Q011058	615865	7114363	Chip sample along oxidized horizon in argillite oriented 265/35SE. Sample along east portion of horizon.
Q011059	615865	7114363	Chip sample along oxidized horizon in argillite oriented 265/35SE. More reddish material than Q011058, and more grey clay material with bright orange specks. Sample along west portion of horizon
Q011060	615865	7114363	Black argillite chips. No alteration observed. Pit floor
Q011061	615848	7114326	Light grey massive, reactive limestone with pitting, sandy to touch. Intensely altered
Q011062	615848	7114326	Medium grey with brown-orange staining, crystalline limestone with chunky calcite and dark red patches and ferringenous calcite veining
Q011063	615848	7114326	Green-grey dolomitized limestone with beige, soft weathered clasts with variable oxidization (3-8 mm).
Q011064	615848	7114326	Green-grey dolomitized limestone with beige, soft weathered clasts with variable oxidization (3-8 mm).
Q011065	615848	7114326	Dark red, intense pervasive oxidized limestone with coarse chunky calcite and calcite veining. Bedrock
Q011066	615848	7114326	Dark grey massive limestone with strong red oxidation and ferrigenous calcite veins (dogtooth). 90% of pit material is this. Fractured bedrock.
Q011067	615848	7114326	Dark grey massive limestone with strong red oxidation and ferrigenous calcite veins (dogtooth). 90% of pit material is this. Fractured bedrock.
Q011068	615795	7114280	Pocked, yellow-beige, tan weathered strong to intense argillic altered carbonate with calcite veinlets. Clayey when hammered.
Q011069	615795	7114283	Yellow-beige, tan weathered strong to intense argillic altered carbonate with calcite veinlets. Clayey when hammered.
Q011070	615796	7114282	Yellow-beige, tan weathered strong to intense argillic altered carbonate with calcite veinlets. Clayey when hammered. From bedrock just below moss.
Q011071	615796	7114282	Yellow-beige, tan weathered strong to intense argillic altered carbonate with calcite veinlets. Clayey when hammered. From bedrock just below moss.
Q011072	615742	7114369	Dark grey crystalline limestone with medium reddish staining/patches and calcite veining.
Q011073	615735	7114344	Pitted, strongly decalcified limestone with iron and arsenic oxide

SampleID	Easting	Northing	Comments
Q011074	615847	7114336	Brown dirt fines from overburden. Chip from 15-100cm depth.
Q011075	615849	7114332	Orange oxidized horizon between brown overburden and black argillite clay/fault gouge. Chip sample from 100-115 cm depth. Horizon 15 cm on E corner and pinches out toward the west.
Q011076	615849	7114332	Black clay with argillite chips that transitions to black fault gouge. Chip sample from 115-150cm depth.
Q011077	615849	7114332	Orange-red intensely oxidized carbonate? Pit bottom.
Q011078	615849	7114332	Black coarse sand material from west corner of pit.
Q011079	615849	7114332	Black fault gouge. Dense
Q011080	615849	7114332	Black fault gouge with streaky red oxidation and oxidized mm-scale fragments
Q011081	615849	7114332	Intensely oxidized host rock with white, fine grained calcareous veinlet. Pits with same white rim.
Q011082	615849	7114332	Fault breccia with fine-grained black matrix (30-50%) and subrounded to rounded clasts of calcite and intensely oxidized material. Samples Q011082-Q011088 have arsenic and iron oxide of varying intensity (see photos).
Q011083	615849	7114332	Fault breccia with fine-grained black matrix (30-50%) and subrounded to rounded clasts of calcite and intensely oxidized material. Samples Q011082-Q011088 have arsenic and iron oxide of varying intensity (see photos).
Q011084	615849	7114332	Fault breccia with fine-grained black matrix (30-50%) and subrounded to rounded clasts of calcite and intensely oxidized material. Samples Q011082-Q011088 have arsenic and iron oxide of varying intensity (see photos).
Q011085	615849	7114332	Fault breccia with fine-grained black matrix (30-50%) and subrounded to rounded clasts of calcite and intensely oxidized material. Samples Q011082-Q011088 have arsenic and iron oxide of varying intensity (see photos).
Q011086	615849	7114332	Fault breccia with fine-grained black matrix (30-50%) and subrounded to rounded clasts of calcite and intensely oxidized material. Samples Q011082-Q011088 have arsenic and iron oxide of varying intensity (see photos).
Q011087	615849	7114332	Fault breccia with fine-grained black matrix (30-50%) and subrounded to rounded clasts of calcite and intensely oxidized material. Samples Q011082-Q011088 have arsenic and iron oxide of varying intensity (see photos).
Q011088	615849	7114332	Fault breccia with fine-grained black matrix (30-50%) and subrounded to rounded clasts of calcite and intensely oxidized material. Samples Q011082-Q011088 have arsenic and iron oxide of varying intensity (see photos).
Q011089	615849	7114332	Black gouge with green and red oxide
Q012309	629917	7113661	Blue white with greenish hue, altered grab
Q012310	629916	7113700	Blue material with abundant quartz and pitted yellow staining 10%
Q012311	629916	7113700	Strong Fe-oxidized vuggy quartz infilled breccia with black dissolution seams
Q012312	629931	7113718	Quartz vein material with iron staining
Q012313	629149	7113861	Orange/yellow oxidized breccia with 80% matrix
Q012314	629907	7113716	Oxidized material with vuggy quartz veining
Q012315	629916	7113670	Intensely oxidized blue and white rock with pitting
Q012316	629842	7113760	Fe-stained quartz vein material with black stringers
Q012317	616986	7113916	Yellow fines with clayey material associated with intensely yellow, sandy altered rock. Weak fizz.
Q012318	616986	7113916	yellow, pervasive altered weakly calcareous fragmentt of boulder. Powdery to touch.
Q012319	616983	7113921	Brown gravel and dirt from pit SW of main pit. No alteration observed
Q012320	616986	7113916	Yellow, pervasive altered, weakly reactive sandy limestone or silty interbed fragment

SampleID	Easting	Northing	Comments
Q012321	616986	7113916	Massive euhedral white and smoky calcite within weak altered limestone (within alteration zone)
Q012322	616986	7113916	Yellow-beige pervasive altered limestone, weakly reactive. 2 light grey bands of reactive calcite/ host limestone
Q012323	616986	7113916	Chip -continuous 1m - south side of alteration zone - dark grey massive limestone
Q012324	616986	7113916	Chip - continuous 70 cm - alteration zone - all brown and yellow clay or crumbly altered material, local red staining
Q012325	616986	7113916	Chip - discontinuous 1m - Fresh dark grey limestone north of altered zone.
Q012326	616986	7113916	Weakly to moderately altered limestone. Host limestone has discontinous grey-black banding
Q012327	615186	7113895	Grey brown, weakly reactive carbonate with calcite veining and a vug with dark grey fine grained material.
Q012328	615184	7113896	Green, purple-orange weathered, grey fresh massive medium grained weakly reactive carbonate with pale green oxide and powdery peach coloured mineral associated with calcite veining
Q012329	615183	7113895	Green-orange weathered (powdery), grey fresh massive medium grained carbonate (weakly reactive) with peach coloured mineral associated with calcite veining and coarse grained mineral -galena? (2%).
Q012330	615183	7113895	Green-tan weathered, brown-grey fresh weakly reactive carbonate (micritic dolostone?) with calcite veinlets hosting peach coloured mineral (5%) and fine grained black material (2%)
Q012331	615138	7113828	Massive dogtooth calcite in fresh limestone
Q012332	615163	7113822	Brown weathered, green-grey fresh weakly reactive carbonate with calcite veining and interstial calcite. Blebby peach coloured mineral (2%) is associated with calcite. Minor oxidation and trace fine grained black material.
Q012333	615300	7113736	Reddish weathered and reddish brown fresh, massive sugary carbonate with pervasive oxidation and trace limonite
Q012334	615387	7113877	Massive euhedral calcite with reddish mineral (sph? 15%), realgar 2% and iron-staining. Galena 2% forms with reddish mineral
Q012335	615383	7113878	Grey weathered, grey fresh massive, moderately reactive carbonate with streaky black material 5-10% rimming trace fossils (crinoids). Black areas have increased porosity.
Q012336	615381	7113879	Brown weather, grey-white fresh, weakly reactive carbonate with abundant calcite and local pits hosting black fine grained black material.
Q012337	615407	7113836	Massive euhedral calcite with black impurities and black patches." 2% fine grained black material."
Q012338	615456	7113821	Brown weathered, red-brown fresh, pervasively oxidized carbonate with gritty component and calcite veining
Q012339	616302	7113782	Reddish brown weathered and fresh, non-calcareous coarse grained sandstone with strong pervasive oxidation. At soil picket ZZ76150.
Q012340	616081	7114039	Massive coarse grained calcite vein (3cm) in clay altered micritic dolostone (moderately reactive). At picket ZZ77139.
Q012341	616085	7114037	Orange weathered, orange-brown fresh, micritic dolostone with calcite veining and strong pervasive oxidation (40%)
Q012342	616190	7114106	Beige weathered and fresh, massive coarse grained limestone with sandy texture and 10% iron-stained pits associated with calcite
Q012343	615931	7114152	Beige-orange, brown weathered, finegrained massive limestone with calcite veining and pervasive argillic alteration and overprinting oxidation
Q012344	615793	7114050	Brown-grey massive limestone with chunky calcite and iron-stained vugs(10%)
Q012345	615288	7114469	Beige, black weathered rudstone or breccia with angular limestone clasts (powdery weathered) < 1cm and crystalline limestone matrix (20%). Local iron staining.

SampleID	Easting	Northing	Comments
Q012346	615305	7114477	Dark grey micritic weakly reactive carbonate with chunky calcite and calcite veinlets with disseminated peach colour mineral (2%)
Q012347	615583	7114423	Light brown-yellow, brown weathered limestone with pervasive argillic alteration and calcite veining
Q012348	615571	7114423	Beige-brown-black with yellow streaks crystalline limestone with pervasive argillic alteration (mod-strong) that creates discontinuous banded texture (85%). Zones of argillica alteration have decrease in reactivity. Recessive part of slope.
Q012349	615571	7114424	Carbonate with strong pervasive argillic alteration (tan) and calcite stringers
Q012350	615583	7114401	Yellow-beige, brown weathered intense argillic alteration of limestone with calcite veinlets and oxidized orange-green vein.
Q012496	617461	7113606	Road grab - AnEx-205 - Subrounded to rounded clasts on road. Dissolution breccias consisting of rounded limestone clasts within an oxide matrix
Q012497	617461	7113606	Road grab - AnEx-205 - Subrounded to rounded clasts on road. Dissolution breccias consisting of rounded limestone clasts within an oxide matrix
Q012498	617461	7113606	Road grab - AnEx-205 - Subrounded to rounded clasts on road. Dissolution breccias consisting of rounded limestone clasts within an oxide matrix
Q012499	617461	7113606	Road grab - AnEx-205 - Subrounded to rounded clasts on road. Dissolution breccias consisting of rounded limestone clasts within an oxide matrix
Q012564	617429	7113699	Road grab - Tan crackle breccia, calcite veined, minor oxidation
Q012596	617786	7113549	Road grab - Brown-orange oxidized limestone
Q012600	617666	7113341	Road grab - Tan limestone, some picky sections, some brecciation, orange veins
Q012601	615647	7114325	Tan-orange-yellow, brown weathered, micritic limestone with intense calcite veining and patchy orange (5%), yellow (2%) oxidation associated with argillic alteration.
Q012602	615647	7114325	Yellow-red-tan, brown weathered micritic limestone with strong patchy yellow, orange-red oxidation associated with tan argillic alteration. Coarse-grained calcite vein and ct stringers throughout.
Q012603	615647	7114325	Styolite with thin bedded grey black limestone on one side, and dark grey massive limestone on the other half (less reactive).
Q012604	615015	7114306	White-grey speckled, brown weathered, coarse grained limestone with calcite breccia infill/veining which hosts disseminated realgar (2%). Host rock is very reactive. Marked as float but could be subcrop (very large boulder)
Q012605	615492	7113982	Brown-grey fresh and weathered, weakly reactive carbonate with crackle texture. Weak-moderate yellow argillic alteration. One speck of realgar
Q012606	615492	7113982	White-grey speckled, brown weathered, coarse grained limestone with calcite breccia infill/veining which hosts disseminated realgar (2%). Host rock is very reactive. Marked as float but could be subcrop (very large boulder)
Q012607	615506	7113931	Brown micritic, weakly reactive carbonate (likely dolostone) fragments from hole bottom.
Q012608	615503	7113931	Fine fraction of Q012607 - greyish clay with yellow spots.
Q012609	615524	7113919	Brown micritic, weakly reactive carbonate (likely dolostone) fragments from hole bottom.
Q012610	615524	7113919	Fine fraction of Q012609 - greyish clay with yellow spots.
Q012611	616849	7113965	Red-brown, brown weathered micritic dolostone with calcite veinlets. Red colour from pervasive staining.

SampleID	Easting	Northing	Comments
Q012612	616866	7113971	Grey, brown weathered moderately reactive massive carbonate with calcite veinlets and associated oxidation (40%).
Q012613	616934	7114046	Black, fine-grained, thin bedded argillite with oxidized surface.
Q012614	616841	7113892	Massive ferrigenous calcite veining with brecciated and oxidized limestone fragments
Q012615	616842	7113892	Dark grey, brown weathered crackle limestone with pocked black patches
Q012616	616842	7113892	Dogtooth calcite vein with brecciated grey limestone and weakly pervasive iron-oxide
Q012617	616944	7113879	Grey and yellow-tan striped weakly to strongly reactive carbonate with strong pervasive argillic alteration and intense calcite stringers.
Q012618	616952	7113885	Yellowish brown, weakly reactive carbonate with bron oxidation and pinkish-red stringers
Q012619	616948	7113895	Brown-yellowish orange, orange weathered limestone breccia and calcite veining. Strong argillic alteration and iron oxidation.
Q012620	616948	7113895	Brown micritic dolostone with yellow-orange oxidation (~10%) associated with calcite veining
Q012621	616957	7113928	Massive white calcite vein 10cm with intense argillic altered wallrock and orange-red iron staining (within the vein)
Q012622	616957	7113928	Dark grey, brown weathered crystalline limestone with yellow-red oxidation throughout
Q012623	616752	7114014	Powdery, yellow strong to intensely altered, porous carbonate (weakly reactive) with intense calcite stringers.
Q012624	616751	7114014	Powdery, yellow strong to intensely altered, porous carbonate (weakly reactive) with intense calcite stringers.
Q012625	616751	7114013	Powdery, yellow strong to intensely altered, porous carbonate (weakly reactive) with intense calcite stringers.
Q012626	616740	7114009	Vuggy, oxidized vein in weakly oxidized grey limestone (massive).
Q012627	616741	7114010	Powdery, yellow strong to intensely altered, porous carbonate (weakly reactive) with intense calcite stringers.
Q012628	628629	7114000	Yellow and dark grey, yellow weathered weakly to moderately reactive carbonate with pervasive yellow oxidation. In quasi-kill zone (brown soil, little vegetation).
Q012629	616671	7114000	Yellow and dark grey, yellow weathered weakly to moderately reactive carbonate with pervasive yellow oxidation. In quasi-kill zone (brown soil, little vegetation).
Q012630	616620	7114066	Pervasive yellow-orange oxidation in strongly reactive limestone with calcite veinlets.
Q012631	616620	7114066	Pervasive yellow-orange oxidation in strongly reactive limestone with calcite veinlets.
Q012632	615853	7114353	Light grey sugary limestone with crystalline vugs and pits (5%). Trace orange oxide associate with vugs-pits.
Q012633	615854	7114354	Various fragments of strong to intensely altered orange stained limestone with calcite veining. Rocks subangular to angular. Samples taken from 10-50 cm depth.
Q012634	615854	7114353	Black speckled porous coarse grained non-calcareous carbonate or sandy argillite.
Q012635	615853	7114353	Yellow-red intensely oxidized, intensely pitted, non-reactive rock with black material that occurs as thin layers across surfaces. Rock found just below the moss.
Q012636	615853	7114354	Yellow-red intensely oxidized, intensely pitted, non-reactive rock with black material that occurs as thin layers across surfaces. Rock found just below the moss.
Q012637	615853	7114353	Intensely pervasive reddish-yellow oxide in porous non-reactive breccia with fine grained grey clasts 2-8 mm.
Q012638	615853	7114354	Grey with orange staining, very reactive limestone with fine grained black blebs 2%.
Q012639	615853	7114354	Dark grey, orange, white, moderately reactive limestone with strong pervasive oxidation and blackish smears.

SampleID	Easting	Northing	Comments
Q012640	615853	7114353	Tan-orange, pale green, fine-grained reactive limestone with calcite veinlet and strong pervasive oxidation.
Q012641	615853	7114353	Dark grey clay with 2% pale green colour.
Q012642	615852	7114352	Dark grey clay with minor rock fragments
Q012643	615829	7114357	Massive, very coarse-grained calcite vein with orange and red stringers and wallrock.
Q012644	615829	7114357	Tan, moderately reactive fine-grained carbonate with yellow and red pervasive staining and disseminated black mineral 2%.
Q012645	615471	7114443	Light grey weakly reactive dolostone with trace green-orange oxidation.
Q012646	615491	7113932	Brown-grey, coarse-grained sandstone with disseminated red weathered mineral (hematite?) 15%. In kill zone
Q012647	615491	7113936	Intense yellow alteration in non-reactive coarse-grained sandstone with pitted yellow stained vein. Sample from kill zone.
Q012648	615509	7113924	Brown grey clay material with beige dolostone clasts with yellow oxidation.
Q012649	615212	7113899	Grey limesteon with 1cm calcite vein with extensive pitting
Q012650	616089	7114029	Dark grey limestone with pervasive oxidation in coarse grained calcite veinlet
Q012651	617666	7113341	Road grab - brown limestone, oxide?
Q012660	617680	7113323	Road grab - AnEx13-232
Q012681	617638	7113155	Silicicified limestone in outcrop
Q012682	617638	7113155	Silicicified limestone in outcrop
Q012683	617368	7113155	Silicicified limestone in outcrop
Q012684	617368	7113155	Silicicified limestone in outcrop
Q012685	617368	7113155	Silicicified limestone in outcrop
Q012686	617368	7113155	Silicicified limestone in outcrop
Q012698	617638	7113155	Road grab - Dark silicicified limestone, vugs with quartz crystals
Q012699	617638	7113155	Road grab - Dark silicicified limestone, vugs with quartz crystals
Q012700	617638	7113155	Road grab - Gray limestone with yellow-orange staining on fracture
Q012774	617876	7113384	Road grab - Clay altered limestone with minor oxide
Q012775	618826	7112660	Road grab - Siltstone with oxide section of rock with tabular minerals in oxide that are non-calcareous. Found in float while walking cat from valley sampling to northern fault
Q012776	619191	7112894	Road grab - Waste pile of AnEx13-62, porous argillite
Q012886	618705	7113112	Anubis cave - hemititic stained limestone with some oxide
Q012887	618705	7113112	Anubis cave - hemititic stained limestone with some oxide
Q012888	618705	7113112	Anubis cave - hemititic stained limestone with some oxide
Q012889	618705	7113112	Anubis cave - hemititic stained limestone with some oxide
Q012890	618705	7113112	Anubis cave - hemititic stained limestone with some oxide
Q013046	618837	7112606	Black, pitted, reactive limestone, crumbles to touch

SampleID	Easting	Northing	Comments
Q013047	618837	7112606	50% strong decalcification. Pitted fossiliferous limestone
Q013184	619308	7113144	Grab on knoll on way to ridgetop pitting. Fossiliferous limestone breccia with beige powdery matrix. Similar to Q013183 in AnEx13-55. Found on mound of grey dirt with other angular limestone cobbles
Q013201	532795	7122676	sample of white mineral and oxide from structure.
Q013202	532877	7122693	Actinolite skarn with minor oxide. Fine grained silver sulphide.
Q013203	532886	7122674	Limonite with vg?
Q013204	532886	7122674	Cleaved white skarn with oxidizing clevage planes.
Q013205	532880	7122667	Limonite
Q013206	532880	7122667	Limonite
Q013207	532876	7122653	Powdery, dark brown limonite.
Q013208	532886	7122648	oxidizing, actinolite skarn.
Q013209	532886	7122648	White, locally oxidized skarn. Soft clear subrounded to subprismatic mineral give white appearance. Fine grained sulphides.
Q013210	532903	7122644	Locally oxidized skarn. Dark green and emerald green vitreous mineral.
Q013211	532903	7122644	Light coloured skarn, localized oxidation.
Q013212	532903	7122644	Limonite.
Q013213	532907	7122638	Sandy, light coloured skarn.
Q013214	527968	7115938	Oxiziding actinolite skarn with quartz in float.
Q013215	527965	7115865	Limonite
Q013216	527965	7115865	quartz veining in ferruginous spotted dolostone.
Q013217	527965	7115865	dark porous rock. Quartz and oxidation.
Q013218	527965	7115868	Oxidized, pitted, stratabound zone, dark sinuos banding. ~20 cm wide.
Q013219	527966	7115878	limonite dug from slope with euhedral quartz.
Q013220	527966	7115878	limonite dug from slope with euhedral quartz.
Q013221	527966	7115878	Narrow 10-20 cm alteration zone. Stratabound.
Q013222	527984	7115951	Intense oxidation zone in outcrop. Abundant quartz. Reddish brown oxide.
Q013223	527984	7115951	Oxidized wall rock from structure.
Q013224	527984	7115951	Quartz with powdery oxide.
Q013225	527984	7115951	Sandy oxide material from structure.
Q013226	528187	7115638	5cm bed with quartz and limonite.
Q013227	528187	7115638	5cm bed with quartz and limonite.
Q013228	528183	7115943	quartz and minor limonite occuring in between clevage planes.
Q013229	528187	7115948	sandy oxide material with abundant, soft, clear vitreous mineral. Non calcareous.
Q013230	528187	7115948	sandy oxide material with abundant, soft, clear vitreous mineral. Non calcareous.

SampleID	Easting	Northing	Comments
Q013231	511282	7121478	Quartz vein in float.
Q013232	511300	7121545	quartz vein material in metamorphosed argillite.
Q013233	511452	7121820	Subangular rusty chlorite, quartz and vein material.
Q013234	511052	7122477	quartz vein material.
Q013235	511052	7122477	quartz vein material.
Q013236	511060	7122491	Banded, chloritic, quartz vein material
Q013237	511038	7122566	Locally oxidized quartz vein fragment with chlorite and muscovite.
Q013238	511026	7122575	Meta argillite, chloritic. Rust quartz vein material.
Q013239	611027	7122587	goethitic quartz vein.
Q013240	611027	7122587	hematitic quartz vein
Q013241	611022	7122597	quartz veining in chloritic meta arg.
Q013242	510985	7122663	large fragment of milky white quartz vein.
Q013243	510985	7122663	Quartz vein with crenulated, chloritic seams.
Q013244	510900	7122759	rusty weathering chloritic quartz vein in float.
Q013245	510885	7122812	quartz vein material in float.
Q013246	510934	7122833	Quartz vein material.
Q013247	510934	7122833	Quartz vein material.
Q013248	510814	7123007	Oxidizing quartz vein fragment in float.
Q013249	510667	7122978	Porous, sandy, boxwork , non calcareous oxidizing sample in float.
Q013250	510565	7123081	Quartz vein material. Minor oxidation and phylosilicates.
Q013251	510535	7123095	Quartz vein material, oxidation, chlorite and muscovite.
Q013252	510535	7123095	Quartz vein material, oxidation, chlorite and muscovite.
Q013253	510535	7123095	Quartz vein material, oxidation, chlorite and muscovite.
Q013254	510538	7123100	Muscovite rich quartz vein with oxidized pockets.
Q013255	510527	7123117	Chloritic oxidizing quartz vein.
Q013256	510768	7123186	quartz vein, abundant dark grey metallic mineral. Minor pyrite.
Q013257	510768	7123186	quartz vein, abundant dark grey metallic mineral.
Q013258	510786	7123199	Large quartz vein in subcrop with minor oxidation.
Q013259	510786	7123199	Large quartz vein in subcrop with minor oxidation.
Q013260	510813	7123188	Highly oxidized quartz vein material in chloritic meta-arg.
Q013261	510829	7123183	Highly oxidized quartz vein material.
Q013262	510829	7123183	Highly oxidized quartz vein material.
Q013263	510829	7123183	Highly oxidized quartz vein material.

SampleID	Easting	Northing	Comments
Q013264	510933	7123172	Oxidized quartz vein material.
Q013265	510933	7123172	Oxidized quartz vein material.
Q013266	510933	7123172	Oxidized quartz vein material.
Q013267	510933	7123172	Oxidized quartz vein material.
Q013268	510933	7123172	Oxidized quartz vein material.
Q013269	526242	7121541	Magnetite bearing ferruginous dolostone. Near contact between volcaniclastic and carbonate unit.
Q013270	526231	7121375	Preferentially oxidzed planes within volcaniclastic unit. Occur with soft, white botryoidal mineral. Orientation of planes is 280 dipping 23N
Q013271	526231	7121375	Preferentially oxidzed planes within volcaniclastic unit. Occur with soft, white botryoidal mineral. Orientation of planes is 280 dipping 23N
Q013272	525680	7121830	Oxidizing volcaniclastic material.
Q013273	525864	7121801	Highly oxidized volcaniclastic sample in float.
Q013274	525687	7121912	Limonite in float
Q013275	525651	7121938	Limonite in float.
Q013276	525672	7121832	pitted limonite.
Q013277	525334	7121869	oxidized, chloritic, volcanic.
Q013278	529855	7117010	Banded crystalline carbonate. Minor tremolite and oxidizing pits.
Q013279	529855	7117010	Sandy, poorly sorted highly oxidized diamictite.
Q013280	529855	7117010	Highly oxidized diamictite?
Q013281	530120	7117394	Highly oxidized skarn sample. Dark green.
Q013282	530120	7117394	Sandy white powder
Q013283	530310	7118001	Oxidizing, iron rich sulphide bearing skarn.
Q013284	530310	7118001	Light coloured tremolite skarn. Minor sulphides.
Q013351	624104	7113030	Heavily oxidized, calcite veined
Q013352	624104	7113030	Heavily oxidized, calcite veined
Q013353	624167	7112894	Carbonaceous wackestone abundant disseminated wackestone in float.
Q013354	624182	7112801	Cacite vein material with dark calcareous fine grained carbonaceous wallrock.
Q013355	624182	7112801	Cacite vein material with dark calcareous fine grained carbonaceous wallrock.
Q013356	624182	7112801	Angular calcite vein fragments in a matrix of dark carbonaceous wackestone.
Q013357	624191	7112798	Stylolitic calcite vein material.
Q013358	624191	7112798	Carbonaceous micrite.
Q013359	624246	7112796	Carbonaceous micrite, heavy calcite veining.
Q013360	624282	7113045	Calcite vein and carbonaceous wallrock.
Q013361	624301	7113039	Dark, DCA? Sanded micrite float in recessive gulley.

SampleID	Easting	Northing	Comments
Q013362	624301	7113039	Dark, DCA? Sanded micrite float in recessive gulley.
Q013363	624301	7113039	Dark, DCA? Sanded micrite float in recessive gulley.
Q013364	624391	7112907	Dark brown, oxidized limestone.
Q013365	624414	7112937	Carbonaceous wackestone with oxidizing fragments.
Q013366	624414	7112937	Sanded carbonate from brittle shear zone.
Q013367	624414	7112937	Highly fractured carbonaceous wackestone with oxidizing fragments.
Q013368	624414	7112960	Calcite vein with DCA limestone wallrock.
Q013369	624414	7112960	Calcite vein with DCA limestone wallrock.
Q013370	624426	7112972	Sanded carbonate below showing.
Q013371	624426	7112972	Sanded carbonate below showing.
Q013372	624426	7112972	Sanded carbonate below showing.
Q013373	624426	7112972	Sanded carbonate below showing.
Q013374	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013375	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013376	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013377	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013378	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013379	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013380	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013381	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013382	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013383	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013384	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013385	624426	7112972	DCA wackestone, disseminated Cb, minor ASO
Q013386	624467	7112801	Sandy material at base of outcrop
Q013387	624467	7112801	DCA wallrock from vein zone
Q013388	624467	7112801	DCA wallrock from vein zone
Q013389	624642	7112734	Sanded carbonate from vein/alteration zone.
Q013390	624642	7112734	Sanded carbonate from vein/alteration zone.
Q013391	624642	7112734	Sanded carbonate from vein/alteration zone.
Q013392	624642	7112734	Sanded carbonate from vein/alteration zone.
Q013393	624907	7112541	Sanded carbonate at base of outcrop.
Q013394	624907	7112541	Sanded carbonate at base of outcrop.

SampleID	Easting	Northing	Comments
Q013395	624907	7112541	Wall rock from outcrop at vein margin.
Q013396	624932	7112520	Limonitic limestone
Q013397	624932	7112520	Limonitic limestone
Q013398	624932	7112520	Limonitic limestone
Q013399	624932	7112520	Limonitic limestone
Q013400	624932	7112520	Limonitic limestone
Q013451	624932	7112520	Limonitic limestone
Q013452	618571	7112935	Brown clay with calcite and arg frags. Excavator waste pile.
Q013453	618571	7112935	Brown clay with calcite and arg frags. Excavator waste pile.
Q013454	618571	7112935	Brown clay with calcite and arg frags. Excavator waste pile.
Q013455	618571	7112935	Brown clay with calcite and arg frags. Excavator waste pile.
Q013456	618320	7113028	Brown clay with calcite and arg frags. Excavator waste pile.
Q013457	618609	7112986	Oxide from fault
Q013458	618860	7113018	Cataclasite fault bx.
Q013459	618880	7112979	Locally oxidized limey siltstone.
Q013460	618632	7113044	Oxide from fault plane.
Q013461	618378	7113145	Clayey oxide material.
Q013462	618000	7113257	Fault rock from AnEx106
Q013501	533056	7123176	sandy oxidized, porous rock. Weathered/altered mica. Sulphides that are colors of silver and copper and red-orange. Some pocky sections, grey quartz sandy section.
Q013502	533056	7123177	grey, f.g., non-calcareous rock. Bands of black-silver sulphides.
Q013503	533056	7123177	grey-tan, non-calcareous rock. Sandy, porous, quartz vein, locally pocky. Lots of small quartz crystals.
Q013504	533056	7123177	sandy, porous oxide. Minor sulphides. One side has euhedral quartz on weathered vein.
Q013505	533057	7123175	sandy quartz with vugs, oxidized.
Q013506	533056	7123174	purple-orange oxidized quartz. Vugs with euedral quartz, vugs with orange-brown soft material. Grey area with silver sulphide. Some clear quartz.
Q013507	533044	7123133	Green-grey spotty ock. Porous, bearing sulphides. Some yellow staining.
Q013508	533044	7123133	quartz and limonite, pocky.
Q013509	533042	7123131	60% sulphides in this sample. Sulphides are colors of silver and grey and copper. Radiating tremolite, green patch with associated calcareous minerals.
Q013510	533042	7123126	65% sulphides in this sample. Sulphides are colors of grey and silver and copper. Some sandy quartz. Green minerals, calcareous minerals.
Q013511	533042	7123126	oxidized rock, calc-silicates, calcareous minerals, sulphides 10%
Q013512	533042	7123127	oxidized, sandy, porous, non-calcaeous rock. Grey-green sections, soft, pocky.

SampleID	Easting	Northing	Comments
Q013513	533046	7123135	grey sandy porous rock. Oxide coating
Q013514	533045	7123132	90% grey-silversulphide, one section of massive sulphide. Some green calc-silicates
Q013515	532981	7123101	dark grey pocky, very porous rock. Small quartz crystals, some oxide coating.
Q013516	532986	7123109	green-grey rock. F.g. disseminated sulphides, oxidized thin bands and oxidized coating. Green calc-silicates.
Q013517	532982	7123107	oxidized porous, sandy rock. Clasts of light grey, porous material. Black metallic mineral.
Q013518	532718	7122850	black sandy rock. Porous, oxide patches. F.g. quartz crystals.
Q013519	532717	7122843	grey, non-calcareous rock. Quartz rich, quartz veins. Come calcite in fractures. Sulphides in bands, mica in quartz.
Q013520	532716	7122838	tan, non-calcareous rock. Sulphide chunks disseminated.
Q013521	532714	7122833	oxide rock, quartz in rock. Beige patches, pocky. Light grey patches.
Q013522	532774	7122762	oxidizedrock that is grey-green on fresh surface. Porous and pocky. Radiating tremolite.
Q013523	532776	7122771	white-grey, sandy, porous, non-calcareous, pocky rock. Bands of oxide, purple metallic staining.
Q013524	532773	7122751	oxidized, pocky rock. Lots of tremolite. Porous. White tabular mineral
Q013525	532773	7122748	orange rock, oxidized throughout, pocky, porous, heavy.
Q013526	532774	7122750	black rock, heavy, weakly calcareous, 40% sulphides.
Q013527	532815	7122734	sandy, porous rock. Mica or f.g. disseminated sulphides. Black metallic mineral. Red mineral, purple staining.
Q013528	532871	7122701	oxidized rock. Green radiating tremolite 1cm. Pocky, minor quartz, porous, purple staining.
Q013529	532914	7122673	oxidized quartz. Silver sulphides. Vugs with soft porous material.
Q013530	532943	7122641	tan-red rock. Porous, quartz + mica. Sulphides + black lusterous mineral.
Q013531	532997	7122642	black and red rock. Porous and sandy.small quartz crystals and some small quartz veins. Pocky.
Q013532	527544	7115742	shale with porous quartz veins, heavily quartz veined, minor limonitic alteration
Q013533	527885	7115783	quartz veined shale, calcareous, alteres spot which is porous.
Q013534	527884	7115780	calcareous shale, quartz + calcite vein. Sulphide in quartz.
Q013535	527890	7115805	quartz vein, pyrite, green fukesite. Black flower like dendritic material on one face of broken quartz.
Q013536	527881	7115807	quartz vein, green staining associated with silver metallic sulphide. In shale.
Q013537	527986	7115838	oxidized quartz vein in siltstone.
Q013538	527989	7115852	altered shale, porous, oxidized, with quartz veins
Q013539	527989	7115852	altered shale, porous, oxidized, with quartz veins
Q013540	527989	7115852	altered shale, porous, oxidized, with quartz veins
Q013541	527993	7115848	altered shale horizon 30cm thick. Porous, weakly calcareous, quartz, vuggy, oxidized.
Q013542	527993	7115847	altered shale horizon 30cm thick. Porous, weakly calcareous, quartz, vuggy, oxidized.
Q013543	527993	7115846	altered shale horizon, pocky, oxidized, porous, quartz
Q013544	527996	7115853	in gully that runs E-W into the creek. Grey porous rock, red breccia zone in the middle of rock.
Q013545	528023	7115836	black altered calcareous shale. Pocky, quartz, green mineral, porous, some oxide patches.

SampleID	Easting	Northing	Comments
Q013546	528023	7115835	black powder + altered shale pieces.
Q013547	528028	7115839	pocky, porous, shale. With breccia section.
Q013548	528011	7115851	black shale, quartz, porous.
Q013549	527851	7115780	dark grey-black altered shale. Porous, pocky texture, highly oxidized.
Q013550	527849	7115779	black altered shale, quartz and calcite veining present.
Q013551	511313	7121499	quartz vein with rock fragments
Q013552	511315	7121499	quartz with silver sulphide
Q013553	511395	7121846	quartz vein, some euhedral quartz. Found in creek
Q013554	510952	7121911	quartz vein, black staining. Found in creek
Q013555	510917	7121918	green rock with minor calcite. Elongate bladed mineral. Found in creek
Q013556	510915	7121916	quartz, some euhedral quartz in vugs, oxidized, mica in quartz. White tabvular mineral. Found in creek
Q013557	510914	7121915	oxidized quartz with shale. Found in creek
Q013558	510914	7121914	hydrothermal quartz, porous. Found in creek
Q013559	510914	7121913	quartz qith clasts of green rock, vugs in quartz. Found in creek
Q013560	510688	7121926	Found in creek. Calcareous conglomerate, clasts 1mm to 3mm, oxide coating, bearing sulphides.
Q013561	510478	7122379	quartz breccia. Black, porous soft material, some mica, minor limonitic alteration
Q013562	510478	7122379	quartz breccia. Black, porous soft material, some mica, minor limonitic alteration
Q013563	510470	7122412	quartz veined, grey phylite.
Q013564	510404	7122448	quartz veined, phylite, limonitic alteration.
Q013565	510402	7122505	quartz vein with soft brown patches.
Q013566	510442	7122552	quartz vein, limonitic alteration, some vugs.
Q013567	510399	7122622	quartz vein
Q013568	510390	7122624	quartz vein with mica
Q013569	510384	7122630	quartz vein, limonitic alteration, pocky brown patches.
Q013570	510373	7122648	quartz vein, limonitic alteration
Q013571	510259	7122736	quartz vein, some euhedral quartz, vugs with yellow powder, black mineral.
Q013572	510237	7122757	quartz vein in slate, euhedral quartz. Limonitic alteration, pocky, some soft material.
Q013573	510258	7122735	grey slate, quartz veined, pocky, limonitic alteration
Q013574	510266	7122752	grey rock, quartz grains, coarse grained, porous, low density, small quartz veins.
Q013575	510029	7122859	soft brown, porous material surrounded by quartz veins, black-silver metallic mineral.
Q013576	510001	7122871	quartz vein, clasts of black, porous, pocky rock.
Q013577	509992	7122879	grey rock that use to have clasts in it, now gone and the skelton is left.
Q013578	509943	7122880	orange limonite, pocky

SampleID	Easting	Northing	Comments
Q013579	509889	7122838	orange limonite, shale fragments.
Q013580	509778	7122827	quartz breccia limonitic alteration
Q013581	509636	7122684	quartz vein
Q013582	509637	7122675	porous quartz with brown and black material
Q013583	509605	7122675	quartz vein, orange staining
Q013584	525794	7121838	orange-black limonite, heavy, black metallic oxide, quartz
Q013585	525662	7121837	breccia or clastic rock, oxidized, yellow-green stain. Arsenic oxide?
Q013586	525480	7121879	orange-black limonite, quartz, heavy
Q013587	525401	7121876	limonite with quartz and calcite
Q013588	525385	7121865	limonite with quartz and calcite
Q013589	525319	7121824	limonite with quartz and calcite
Q013590	525305	7121812	limonite with quartz and calcite
Q013591	525262	7121734	dark limonite with calcite, on ridge.
Q013592	525265	7121737	limonite, on ridge.
Q013593	525264	7121740	grey-black-green rock. Porous, pocky, quartz + calcite, minor limonitic alteration. On ridge
Q013594	525264	7121741	grey-black-green rock. Porous, pocky, quartz + calcite, minor limonitic alteration. On ridge
Q013595	525263	7121738	grey rock with limonitic alteration. On ridge
Q013596	525263	7121738	limonite. On ridge
Q013597	525310	7121781	grey pocky rock. Porous, green staining, arsenic oxide?
Q013598	525310	7121779	black rock with limonite + calcite
Q013599	525310	7121778	black calcareous breccia
Q013600	525306	7121758	grey pocky rock. Lots of limonitic alteration with calcite in it.Heavy.
Q013601	525306	7121760	grey pocky rock. Low density. Some limoinitic spots.
Q013602	525309	7121774	limonite with calcite, some clasts of black rock
Q013603	525310	7121773	limonite with calcite, some clasts of black rock
Q013604	525310	7121772	limonite with calcite and quartz. Yellow powder
Q013605	525309	7121772	black rock with pick-white calcareous veinlets. Limonitic alteration. Yellow powder in one section
Q013606	525371	7121796	limonitic calcite + dolomite vein
Q013607	525378	7121804	limonite with calcite and quartz. Yellow powder
Q013608	525583	7121794	calcareous rock with oxidized pyrite crystals, some limonitic alteration
Q013609	525750	7121813	grey-tan clay with oxidized clasts. 3ft deep.
Q013610	525750	7121812	rock fragments that are oxidized and have grey bits showing in the rock. 3ft deep.
Q013611	525750	7121812	contineous sample from 4ft to 3ft. Tan-grey dirt + rock fragments

SampleID	Easting	Northing	Comments
Q013612	525750	7121812	brown oxidized rock fragments and dirt. 5ft deep.
Q013613	525750	7121812	limonite with white soft non-calcareous mineral. 3ft deep.
Q013614	525750	7121812	beige-tan rock. Weakly calcareous with clasts which are tan. Black oxidizing clasts or sulphides? Green mica. Volcaniclastic. Subcrop 5ft deep.
Q013615	525748	7121812	beige-tan rock. Weakly calcareous with clasts which are tan. Black oxidizing clasts or sulphides? Green mica. Volcaniclastic. Subcrop 5ft deep.
Q013616	525752	7121857	brown soil + small rock fragments. 5ft deep.
Q013617	525752	7121856	red-brown soil + small rock fragments. 2.5 ft deep
Q013618	525752	7121856	beige-ornge limonite, small green mineral.
Q013619	525752	7121854	banded beige-orange limonite.
Q013620	525753	7121853	tan pocky, porous, rock. Some clasts.
Q013621	525750	7121853	clastic rock, limonitic alteration.
Q013622	525751	7121855	limonite, relic clasts some of whice are more oxidized.
Q013623	525752	7121855	oxidized clastic calcareous rock.
Q013624	525565	7121855	purple-tan, limonitic altered, volcaniclastic
Q013625	525565	7121854	volcaniclastic limonite
Q013626	525565	7121854	limonitic altered volcaniclastic, circular clasts weathering out.
Q013627	525565	7121854	tan-orange volcaniclastic limonite
Q013628	525564	7121854	grey-orange rock, limonitic altered volcaniclastic with some non-altered volcaniclastic.
Q013629	525564	7121854	altered volcaniclastic. Limonitic altered matrix with grey unaltered clasts.
Q013630	525534	7121840	brown sandy dirt + dolostone fragments
Q013631	525690	7121838	dark altered, oxidized, volcaniclastic
Q013632	525690	7121838	tan altered volcaniclastic, green mineral, fukesite?
Q013633	525690	7121838	purple-tan altered volcaniclastic, pocky
Q013634	525690	7121838	oxidized volcaniclastic, with beige streaks
Q013635	525690	7121838	dark oxidized volcaniclastic
Q013636	525690	7121838	grey altered volcaniclastic, pocky, green patches
Q013637	525690	7121838	galena with quartz
Q013638	525690	7121838	tan volcaniclastic with quartz vein
Q013639	525635	7121863	orange altered volcaniclastic
Q013640	525635	7121862	oxidized volcaniclastic with beige sections
Q013641	525635	7121861	limionitic volcaniclastic
Q013642	525621	7121833	limonitic altered volcaniclastic, one large clast which is not visibly altered.
Q013643	525621	7121835	limonitic altered volcaniclastic, some unalteres grey clasts

SampleID	Easting	Northing	Comments
Q013644	525620	7121832	limonmitic altered volcaniclastic, some clasts less latered, green hue
Q013645	525621	7121833	oxidized volcaniclastic, mostly green hue
Q013646	509850	7122928	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 001
Q013647	509887	7123034	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 002
Q013648	509912	7123083	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 003
Q013649	509943	7123115	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 004
Q013650	509799	7123411	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 005
Q013651	509988	7123458	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 006
Q013652	509947	7123362	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 007
Q013653	509947	7123362	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 008
Q013654	509908	7123101	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 010
Q013655	509880	7123211	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 011
Q013656	509931	7123108	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 012
Q013657	509873	7122936	Quartz vein material JM picked up while doing ridge and stur soil line.
Q013658	527989	7115847	shale breccia, green hue, with quartz
Q013659	527989	7115846	altered shale, minor limonitic alteration, porous
Q013660	527988	7115847	brecciated shale, some green hue, limonitic alteration
Q013661	527988	7115846	oxidized shale breccia
Q013662	528009	7115878	oxidized brecciated shale with quartz. At cliff bottom. Poor GPS reception
Q013663	527996	7115862	pocky oxidized shale, quartz veined
Q013664	528009	7115874	oxide precipatate on ground below altered rocks.
Q013665	528010	7115873	sandy-powder dark grey shale + quartz fragments. Found in fracture in rock 1ft wide.
Q013666	528009	7115873	oxidized brecciated shale.
Q013667	528004	7115869	oxide material + quartz fragments. Weathering from rocks above quartz vein.
Q013668	528005	7115870	altered shale, very pocky, porous, quartz added, oxidized. Zone is 1ft wide
Q013669	528006	7115870	altered shale, very pocky, porous, quartz added, oxidized. Zone is 1ft wide
Q013670	528014	7115884	green needle-like actinolite with quartz, limonitic alteration, in shale.
Q013671	527978	7115930	shale with tabular, clear mineral that is in euhedral form. Barite?
Q013672	528068	7116007	altered shale, oxidized, with quartz + calcite.
Q013673	528051	7115994	grey-green, non-calcareous, moderately heavy rock. With radiating tremolite
Q013674	528051	7115993	altered shale, locally brecciated + oxidized. Some black powder on weathering surface. Altered section 1.5 ft wide
Q013675	528051	7115991	black powder with white soft mineral/precipatate
Q013676	528050	7115980	altered shale broken up by by white soft mineral. Altered zone 1.5ft wide

SampleID	Easting	Northing	Comments
Q013677	528052	7115981	altered shale broken up by by white soft mineral. Lime green weathering on one section of rock. Altered zone 1.5ft wide
Q013678	528053	7115983	orange oxidized vein with altered shale
Q013679	528048	7115974	altered shale, green hue.
Q013680	528194	7115932	bracciated shale
Q013681	528257	7115992	altered shale, porous, green hue, arsenic oxide? Red-brown spots, oxide or mineral, sphalerite?
Q013682	528435	7116043	limonitic altered shale with quartz
Q013683	528825	7116113	limonitic altered shale
Q013684	528824	7116114	pocky, altered shale with quartz
Q013685	627025	7112536	f.g. non-calcareous dark rock. Clasts of beige soft rock. Minor limonitic alteration. Quartz vein + vugs.
Q013686	627021	7112497	tan weathering, brown weakly calcareous rock. Carbonaceous band.
Q013687	627024	7112490	grey course grained fossiliferous limestone. Calcite vein with 1cm subhedral crystals.
Q013688	627027	7112487	Grey rock, 1cm or less euhedral-subhedral crystals. Variable decarb alteration, variable porosity + reaction to HCL. Some black patches.
Q013689	627023	7112492	Grey rock, 1cm or less euhedral-subhedral crystals. Variable decarb alteration, variable porosity + reaction to HCL. Some black patches.
Q013690	627032	7112484	dark grey-black, porous, sandy, variably calcareous. Decarb alteration. Large boulders of altered material in this spot, subcrop???
Q013691	626792	7112299	oxidized, brecciated chert, some porous and soft patches.
Q013692	626583	7111992	beige weathering, dark rock, porous, calcareous, broken up by calcite.
Q013693	626575	7111992	brown calcite vein, some laminations in vein that is 2cm thick. Rock is clasts that are coated in calcite, vugs between clasts with black material in them.
Q013694	626603	7111982	limonitic chert. Lenses in the limestone.
Q013695	625776	7112330	brown calcareous precipitate. Found in creek.
Q013696	627109	7112387	Grey fossiliferous limestone, calcite veined, vugs with soft oxide material.
Q013697	627065	7112414	euhedral calcite crystals. Soft, porous, calcareous dark material between some crystals.
Q013698	627131	7112403	grey limestone, calcite veined, realgar in veins + vugs.
Q013699	627132	7112402	grey fossiliferous limestone, calcite veined, realgar in vug.
Q013700	627059	7112416	dark fossiliferous limestone, fossils weather positive, silicified? Calcite crystals with lots of dark porous material.
Q013701	627055	7112412	grey, altered, fossiliferous limestone. Porous, non-calcareous (except for calcite crystals)
Q013702	627055	7112412	dark porous sandy rock with calcite veins and blobs. Variable reaction to HCL.
Q013703	627053	7112409	dark porous sandy rock. Some silicified fossils weathering positive, variable reaction to HCL. Many altered rocks close to this one, source of rock is probably within 5m.
Q013704	627054	7112409	massive calcite, euhedral crystals, chunk of realgar, black material.
Q013705	627052	7112410	dark porous, soft, pocky material with calcite crystals. Some purple discoloration in calcite.
Q013706	627052	7112410	dark knubbly weathering, altered , porous, pocky, calcareous, calcite crystals.

SampleID	Easting	Northing	Comments
Q013707	626912	7112278	limonitic chert, chert lenses in limestone.
Q013708	626921	7112261	calcite vein breccia, dark f.g. rock with limestone.
Q013709	626863	7112240	limonitic nodule in limestone.
Q013710	627017	7112139	course euhedral crystals, black material, porous, black material.
Q013711	627206	7112315	tan weathering, porous rock. Calcareous, vug inside of rock that is less calcareous.
Q013712	631371	7112004	limonite fragments + some red dirt.
Q013713	631374	7112000	limonite, some beige oxide.
Q013714	631374	7112000	grey, porous, dolostone. Vugs with small euhedral quartz crystals. Tan color veins
Q013715	631371	7112012	limonite
Q013716	631371	7112011	limonite with metallic sulphides.
Q013717	631378	7112021	limonite with some iron sulphides remaining not fully weathered.
Q013718	631378	7112022	dolostone broken up by sulphide veins, oxide parts of rock, pocky grey-black sections. Heavy.
Q013719	631378	7112022	soft oxide material with white-pink veins.
Q013720	631378	7112021	dolostone broken up by sulphide veins that are 3mm thick. Oxide coating
Q013721	631378	7112022	limonite, red-orange-dark oxide.
Q013722	631379	7112036	grey sandy dolomite with sulphide vein 1-2cm thick, with oxide.
Q013723	631387	7112023	grey, sandy, porous dolostone. Banded.
Q013724	631387	7112023	grey porous, sandy dolostone. Dark-pink veins.
Q013725	631383	7112030	altered grey dolostone, oxidized zone of black-dark grey porous area rich in f.g. sulphides.
Q013726	631382	7112028	grey, sandy, soft, porous dolostone. Veined
Q013727	631382	7112028	grey, sandy, soft, porous dolostone. Veined
Q013728	631385	7112038	grey porous, f.g. sulphide, black material. Clear crystal precipitate. Oxide
Q013729	631384	7112038	grey, sandy, porous dolostone with oxide coating
Q013730	631384	7112037	sulphide veined dolostone, oxide, heavy.
Q013731	631385	7112038	tan-orange-red-dark oxide, with some black material.
Q013732	563419	7126746	massive galena, white oxide coating. Chipped off 24 inch boulber. Collected by John McArthur
Q013733	563399	7126604	f.g. sulphide, limonitic alteration. Collected by John McArthur
Q013734	616991	7113919	grey-green oxide rock. Calcareous, moderately porous, calcite vein. Realgar crystals in vugs. Some orange oxidized clasts
Q013735	616989	7113916	brown calcareous breccia
Q013736	616990	7113919	light brown to brown rock. Light brown is soft. Rock is calcareous, porous.
Q013737	616990	7113919	grey limestone, small pocks, weak HCl reaction, porous.
Q013738	616989	7113919	grey limestone, section with clasts of oxide + realgar in vug.

SampleID	Easting	Northing	Comments
Q013739	616987	7113920	grey limestone with realgar, vugs, some with dark gray material.
Q013740	616987	7113920	limestone breccia, beige clasts, brown matrix.
Q013741	616986	7113920	brown soft calcareous rock. Calcite veinlets.
Q013742	616986	7113920	grey-green altered limestone. Dark section is less reactive, some oxide bits.
Q013743	616985	7113920	rock fragments less than 4cm that are shades of brown in color.
Q013744	616986	7113921	brown limestone breccia, clasts are lighter that matrix.
Q013745	617006	7113951	tan rock, calcite veins, brown oxide blobs.
Q013746	616995	7113917	calcite vein with associated light brown rock and brown oxide.
Q013747	616989	7113917	continuous sample in altered zone that is 2.5 ft wide. Sample is over whole interval
Q013748	616989	7113917	continuous sample of 1/3 of altered zone. South or left side of zone.
Q013749	616989	7113917	continuous sample of 2/3 of altered zone, centre zone.
Q013750	616989	7113917	continuous sample of 3/3 altered zone. Right or north side.
Q013751	616989	7113917	light brown oxide that is porous and HCL reaction varies from weak to moderate. In altered zone 2.5 ft wide and 8ft long. One spot has pink-red oxide.
Q013752	616989	7113917	light brown oxide that is porous and HCL reaction varies from weak to moderate. In altered zone 2.5 ft wide and 8ft long. Oxidized clasts
Q013753	616989	7113917	light brown oxide that is porous and HCL reaction varies from weak to moderate. In altered zone 2.5 ft wide and 8ft long. Black platy clasts
Q013754	616989	7113917	grey-brown oxide that is porous and HCL reaction varies from weak to moderate. In altered zone 2.5 ft wide and 8ft long. Clastic altered rock, some oxidized clasts
Q013755	616989	7113917	light brown oxide that is porous and HCL reaction varies from weak to moderate. In altered zone 2.5 ft wide and 8ft long. Pervasive light brown
Q013756	616989	7113917	light brown oxide that is porous and HCL reaction varies from weak to moderate. In altered zone 2.5 ft wide and 8ft long. Pervasive light brown.
Q013757	616989	7113917	light brown oxide that is porous and HCL reaction varies from weak to moderate. In altered zone 2.5 ft wide and 8ft long. Banded with brown and dark bands.
Q013758	616989	7113917	light brown oxide that is porous and HCL reaction varies from weak to moderate. In altered zone 2.5 ft wide and 8ft long. Brown section in centre, on both sides are grey, less reactive parts.
Q013759	616989	7113917	light brown oxide that is porous and HCL reaction varies from weak to moderate. In altered zone 2.5 ft wide and 8ft long. Pervasive brown with some dark clasts.
Q013760	616989	7113917	grey, porous, variable HCL reaction from none to moderate. Sample is of fragments of grey clasts with some black material. In altered zone 2.5 ft wide and 8ft long.
Q013761	616989	7113917	grey, porous, variable HCL reaction from none to moderate. Banded. In altered zone 2.5 ft wide and 8ft long.
Q013762	616989	7113917	grey, porous, variable HCL reaction from none to moderate. Rock is clastic, altered, with more f.g. banded rock in one section. In altered zone 2.5 ft wide and 8ft long.
Q013763	617273	7114925	quartz veined + brecciated siltstone. Minor calcite in fractures and veins.
Q013764	617268	7114917	quartz brecciated siltstone

SampleID	Easting	Northing	Comments
Q013765	617262	7114911	brown - orange weathering siltstone fragments that are 3cm or less.
Q013766	617371	7114971	quartz veined + brecciated siltstone, some vugs, minor green staining
Q013767	617371	7114972	quartz veined + brecciated siltstone, some vugs, minor green staining.
Q013768	617370	7114947	siltstone with porous, silicified?, altered patches.
Q013769	617390	7114910	grey, porous, sandy, non-calcareous rock.
Q013770	617387	7114918	grey-green hue, non-calcareous. Brown weathering.
Q013771	617360	7114836	brown weathering oxide clasts, less than 3cm.
Q013772	617359	7114836	brown-orange, porous, sandy oxide with dark bands.
Q013773	617360	7114836	brown dirt + siltstone fragments
Q013774	618448	7114146	brown-orange pervasive oxide, small vugs. Found under moss
Q013775	618448	7114146	dark altered rock. Porous, non-calcareous, vugs.
Q013776	618449	7114149	altered rock fragments found at moss-dirt/rock interface.
Q013777	615187	7113903	dark grey, f.g. dolostone. Fractured calcite veined, galena + sphalerite. Some green staining. Red-brown weathering.
Q013778	615187	7113903	dark grey, f.g. dolostone. Fractured calcite veined, galena + sphalerite. Some green staining. Red-brown weathering.
Q013779	615187	7113902	dark grey, f.g. dolostone. Fractured calcite veined, galena + sphalerite. Some green staining. Red-brown weathering.
Q013780	615188	7113893	grey f.g. dolostone, calcite veins + blobs, sphalerite + galena. Blue grey weathering
Q013781	615188	7113894	grey f.g. dolostone, calcite veins + blobs, sphalerite + galena. Blue grey weathering
Q013782	615189	7113888	grey f.g. dolostone. Green hue, arsenic oxide? Galena, sphalerite, realgar. Minor oxide chunks.
Q013783	615103	7113823	dark f.g. dolostone, calcite veins with some oxide associated with vein.
Q013784	615125	7113786	dark fractured f.g. dolostone. Calcite, galena + sphalerite.
Q013785	615214	7113750	dark, sandy carbonate. Moderate HCL reaction, moderately porous, euhedral calcite blebs.
Q013786	615239	7113739	rock frags less than 4cm of brown-orange weathering brecciated limestone.
Q013787	615239	7113743	brown-orange weathering, brecciated limestone. Clasts are beige with orange cement. Soft and porous.
Q013788	615388	7113875	euhedral calcite crystals, 3cm or less. Cemented by sphalerite + galena. Some vugs with galena. Minor realgar.
Q013789	615388	7113875	euhedral calcite crystals, 3cm or less. Cemented by sphalerite + galena. Some vugs with galena. Minor realgar.
Q013790	615391	7113873	massive calcite vein with disseminated realgar. Minor sphalerite + galena.
Q013791	615390	7113874	massive calcite vein with disseminated realgar. Minor sphalerite + galena.
Q013792	615396	7113875	grey sandy calcareous rock. Porous, some small vugs that look like black spots.
Q013793	615536	7113789	dark non-calcareous rock. There is a black ball of porous, soft material 3cm wide.
Q013794	616220	7113803	calcite veined limestone, brown oxide spots.
Q013795	616088	7114036	calcareous breccia, grey-tan clasts.
Q013796	616086	7114038	brown weathering altered limestone. Pocky area with pink staining of vugs, realgar? Cinnibar?
Q013797	616086	7114037	tan, veined, soft, altered limestone. Vugs with pink staining in vugs, realgar? Cinnibar?

SampleID	Easting	Northing	Comments
Q013798	616086	7114038	tan, veined, soft, altered limestone. Vugs with pink staining in vugs, realgar? Cinnibar?
Q013799	616086	7114038	tan-grey altered veined limestone. Black material in vugs + rock.
Q013800	616170	7114196	clay altered limestone. Brown-orange.
Q013801	615916	7114160	grey calcareous breccia. Clasts are light beige and porous. Some oxidized bits.
Q013802	615909	7114129	altered limestone, grey with orange patches + vugs. Very porous.
Q013803	615681	7114103	dark fractured limestone, calcite veins. Sphalerite, tiny fleck of realgar?
Q013804	615573	7114169	dark brecciated limestone, calcite vein. Sphalerite + minor realgar. Blue-grey stain.
Q013805	615528	7114184	black and white, clastic looking carbonate, some oxide clasts.
Q013806	615442	7114284	black and white dolostone, porous, some oxide spots.

APPENDIX V

SILT, SOIL AND ROCK SAMPLE - CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUL- 2013
Account: RCM

CERTIFICATE VA13132489

Project: Nadaleen Regional
P.O. No.:
This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 22- JUL- 2013.
The following have access to data associated with this certificate:

GRAHAM DOWNS		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
PUL- 31	Pulverize split to 85%<75 um
CRU- 31	Fine crushing - 70%<2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	VARIABLE
As- OG62	Ore Grade As - Four Acid	VARIABLE
Hg- CV42	High Grade Hg - cold vapor/ AA	FIMS
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	

To: **ATAC RESOURCES LTD.**
ATTN: GRAHAM DOWNS
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13132489

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.5	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q007555		0.24	1.62	>100	2.52	>10000	410	2.59	0.10	0.64	24.4	18.40	0.8	166	0.95	591

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13132489

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q007555		6.32	14.55	0.39	0.3	>100	0.199	0.19	20.8	7.1	0.04	17	700	0.01	0.9	56.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13132489

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q007555		>10000	>10000	6.6	0.076	1.42	2540	8.4	90	1.3	221	0.06	0.57	1.7	0.022	38.2

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Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13132489

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q007555		35.8	5170	4.6	30.2	2420	14.1	437	14.45	3.05	440

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VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13132489

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
Applies to Method: ME-MS61

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Ag-OG62	As-OG62	Au-AA26	CRU-31
CRU-QC	Hg-CV41	Hg-CV42	LOG-21
ME-MS61	ME-OG62	Pb-OG62	PUL-31
PUL-QC	WEI-21		

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

CERTIFICATE VA13136993

Project: Nadaleen Regional

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-JUL-2013.

The following have access to data associated with this certificate:

GRAHAM DOWNS		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: GRAHAM DOWNS
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13136993

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q007553		0.60	1.30	>100	2.72	>10000	620	2.95	0.08	0.66	26.4	22.5	1.7	171	1.43	743
Q007554		0.04	1.23	>100	1.47	>10000	670	1.15	0.16	0.95	12.50	31.0	1.5	170	1.57	448

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13136993

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q007553		6.71	17.45	0.40	0.5	>100	0.206	0.28	23.1	7.8	0.07	23	425	0.01	1.4	69.5
Q007554		4.47	17.45	0.29	0.4	>100	0.103	0.20	30.1	14.3	0.19	29	207	0.01	1.0	59.7

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VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13136993

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007553		>10000	>10000	10.6	0.072	1.57	1920	10.0	81	1.3	257	0.09	0.52	2.5	0.036	35.5
Q007554		6580	>10000	7.4	0.045	1.09	1235	5.6	47	0.8	261	0.06	0.18	2.3	0.026	33.4

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13136993

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q007553		47.3	4940	5.4	34.1	2620	18.9	409	14.20	2.88	510
Q007554		26.8	3300	5.9	30.2	1120	16.8	159	9.75	2.29	201

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- AUG- 2013
Account: RCM

Project: Nadaleen Regional

CERTIFICATE OF ANALYSIS VA13136993

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP- MS Cd,ICP- AES results shown.
Applies to Method: ME- MS61

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41 Hg- CV42

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Ag- OG62	As- OG62	Au- AA26	CRU- 31
Hg- CV41	Hg- CV42	LOG- 22	ME- MS61
ME- OG62	Pb- OG62	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

CERTIFICATE WH13097167

Project: Nadaleen
P.O. No.: R1301(N1)
This report is for 94 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-JUN-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85%<75 um
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831151		0.14	<0.01	0.08	1.60	31.6	270	0.46	0.04	8.03	1.53	28.2	5.8	12	0.51	4.8
N831152		0.32	<0.01	0.04	4.63	1.9	2000	0.97	0.04	6.15	1.47	58.4	14.3	190	0.91	7.3
N831153		0.37	<0.01	<0.01	7.61	1.6	3540	1.44	0.02	4.26	0.51	115.0	23.9	234	1.56	29.7
N831154		0.46	<0.01	0.04	4.68	9	1450	0.91	0.03	15.30	0.32	87.3	13.4	69	1.30	13.5
N831155		0.35	<0.01	0.04	0.16	0.2	290	0.06	0.01	8.72	0.26	3.43	0.5	12	0.67	1.8
N831156		0.56	0.01	0.04	2.50	<5	450	0.43	0.03	19.95	0.63	64.8	12.6	24	0.84	14.5
N831157		0.27	<0.01	0.05	5.34	13.2	900	0.94	0.08	4.92	0.75	107.5	5.4	138	2.86	7.6
N831158		0.11	<0.01	0.07	1.08	5.6	1140	0.30	0.04	0.15	0.74	13.35	1.5	36	1.70	10.5
N831159		0.19	<0.01	0.08	1.70	<5	220	0.80	0.07	26.6	0.45	18.55	13.4	19	3.96	7.7
N831160		0.18	<0.01	0.13	4.77	5	1630	1.09	0.11	11.30	0.48	81.2	23.2	127	2.92	20.6
N831161		0.24	<0.01	0.04	1.53	3.5	350	0.35	0.05	0.29	0.63	26.7	6.3	35	0.85	8.7
N831162		0.21	<0.01	0.02	2.52	3.2	110	0.39	0.09	0.12	0.14	21.9	6.0	31	1.00	8.3
N831163		0.15	<0.01	0.03	0.08	1.8	20	<0.05	0.01	0.10	0.26	1.01	0.4	6	0.08	1.7
N831164		0.76	<0.01	0.04	5.85	8.3	1250	1.40	0.27	0.52	0.85	57.7	9.7	52	5.08	11.0
N831165		0.62	<0.01	0.08	6.79	10.7	2340	1.31	0.07	3.40	0.48	110.5	25.5	100	2.79	24.2
N831166		0.45	<0.01	0.13	5.15	12.9	1640	1.05	0.08	2.61	0.65	82.7	19.5	71	2.97	22.1
N831167		0.81	<0.01	0.10	6.38	7.1	2240	1.25	0.05	5.80	0.32	96.9	25.3	85	2.82	27.1
N831168		0.33	<0.01	0.08	0.08	<0.2	120	<0.05	0.01	6.48	0.28	1.14	0.3	7	0.11	1.9
N831169		0.10	<0.01	0.10	0.18	0.9	220	0.05	0.02	0.59	0.30	2.16	1.1	20	0.19	4.2
N831170		0.31	0.01	0.02	0.10	<5	210	0.06	0.01	20.8	0.82	2.34	0.9	6	0.10	3.1
N831171		0.20	<0.01	0.02	0.09	<5	110	<0.05	0.01	19.70	1.02	2.08	0.7	6	0.10	2.7
N831172		0.19	<0.01	0.06	0.19	<5	100	0.10	0.02	27.3	1.61	4.24	1.4	10	0.22	4.0
N831173		0.49	<0.01	0.02	0.12	<0.2	100	<0.05	0.01	7.59	0.53	1.20	0.5	17	0.15	2.5
N831174		0.14	<0.01	0.29	0.25	3.1	1200	0.08	0.03	0.19	0.23	1.72	1.9	19	0.28	6.2
N831175		0.30	<0.01	0.06	0.47	1.1	70	0.18	0.03	2.22	0.29	5.84	1.8	14	0.79	4.0
N831176		0.19	<0.01	0.79	0.14	7.8	200	0.10	0.02	0.35	1.82	2.27	7.4	12	0.16	19.8
N831177		0.29	<0.01	0.70	0.19	0.7	520	0.16	0.02	6.90	2.27	2.88	4.2	11	0.24	16.6
N831178		0.25	<0.01	0.47	0.13	3.2	150	<0.05	0.04	0.11	0.21	1.23	1.2	16	0.16	5.2
N831179		0.30	<0.01	0.59	0.16	15.8	360	<0.05	0.05	0.09	0.79	2.16	9.7	29	0.20	15.6
N831180		0.10	<0.01	0.25	0.20	<5	120	<0.05	0.01	12.15	2.29	1.94	0.5	5	0.25	1.5
N831181		0.22	<0.01	0.44	0.09	<0.2	150	0.05	0.01	5.93	0.30	1.20	0.6	10	0.14	1.4
N831182		0.53	0.01	0.03	0.07	<5	70	0.06	0.01	32.2	22.7	2.10	0.9	4	0.11	2.2
N831183		0.65	<0.01	0.10	0.10	0.6	150	0.05	0.02	9.27	0.31	1.40	0.5	21	0.12	1.5
N831184		0.24	<0.01	0.09	0.29	<5	420	0.15	0.04	36.0	142.0	3.90	1.4	7	0.31	24.1
N831185		0.17	<0.01	0.35	0.26	847	130	0.20	0.02	0.72	4.84	6.11	18.3	24	0.61	9.6
N831186		0.27	<0.01	0.30	0.64	1185	220	0.60	0.03	0.39	2.72	7.12	35.7	43	0.98	134.5
N831187		0.30	<0.01	0.17	0.08	<5	30	0.05	0.02	21.2	0.96	2.35	0.5	3	0.05	1.6
N831188		0.31	<0.01	0.19	0.23	11.3	110	0.08	0.02	0.14	0.12	2.59	0.6	30	0.87	5.4
N831189		0.65	<0.01	0.17	0.27	3780	490	0.19	0.02	0.16	7.85	8.43	73.2	46	0.64	13.6
N831190		0.41	<0.01	0.23	0.25	4210	560	0.11	0.02	0.22	11.10	6.79	90.2	35	0.54	7.5

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ALS Canada Ltd.

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ALS Minerals

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N831151		1.79	3.99	0.09	2.6	0.03	0.028	0.44	12.9	28.7	0.23	709	2.85	0.19	3.2	15.1
N831152		3.03	11.35	0.15	2.2	0.01	0.196	2.72	32.6	28.2	1.61	1310	0.41	0.82	31.5	27.3
N831153		5.43	17.00	0.25	4.7	0.01	0.114	3.28	60.4	52.8	2.22	569	0.55	1.55	71.2	54.8
N831154		4.97	11.90	0.20	3.8	0.02	0.058	2.16	49.6	25.2	1.13	1650	1.90	0.85	46.2	24.2
N831155		0.30	0.38	0.05	0.1	0.01	0.015	0.04	7.1	1.4	0.24	62	0.77	0.02	0.4	3.3
N831156		3.07	6.57	0.13	1.9	0.01	0.096	0.53	35.1	23.2	0.93	3740	0.72	0.53	24.2	15.0
N831157		4.25	13.40	0.24	4.1	0.05	0.121	1.47	50.8	42.0	0.79	545	0.75	1.43	44.8	19.2
N831158		1.12	2.87	0.06	0.8	0.02	0.080	0.26	8.9	17.0	0.13	88	6.57	0.25	7.9	30.4
N831159		3.82	4.53	0.11	0.7	0.04	0.047	0.48	9.8	12.6	0.40	10400	1.15	0.11	3.3	34.7
N831160		4.76	12.85	0.19	3.2	0.01	0.082	2.14	42.9	39.9	1.60	1390	1.12	0.66	39.5	42.4
N831161		3.61	3.88	0.12	1.2	0.02	0.034	0.28	12.4	31.5	0.26	2800	1.02	0.11	3.5	24.1
N831162		4.15	6.55	0.12	0.8	0.02	0.029	0.38	11.2	34.1	0.46	404	0.39	0.09	3.5	25.0
N831163		0.31	0.30	<0.05	<0.1	<0.01	0.032	0.02	1.0	1.5	0.01	49	0.89	0.01	0.3	1.7
N831164		2.48	14.50	0.14	2.6	0.05	0.054	2.32	30.9	65.5	0.37	347	0.24	0.36	9.0	28.7
N831165		6.47	17.45	0.26	4.3	0.02	0.088	2.94	56.1	58.8	1.93	973	1.49	0.55	51.6	41.6
N831166		4.72	13.50	0.20	3.3	0.06	0.058	1.99	44.1	42.0	1.14	685	1.30	0.40	37.7	33.5
N831167		5.91	16.10	0.25	4.2	0.03	0.067	2.91	50.8	49.6	1.74	1270	1.66	0.55	48.6	40.2
N831168		0.15	0.24	<0.05	<0.1	<0.01	0.009	0.02	2.5	1.9	0.04	36	0.14	0.01	0.2	2.7
N831169		0.68	0.51	0.05	0.1	0.03	0.029	0.04	3.8	4.1	0.04	85	0.43	0.03	0.3	8.0
N831170		0.16	0.31	0.08	<0.1	0.01	0.006	0.02	5.6	1.4	0.13	95	0.17	0.01	0.3	9.2
N831171		0.17	0.29	0.08	<0.1	0.01	0.021	0.02	4.4	1.4	0.11	89	0.15	0.01	0.3	8.3
N831172		0.23	0.55	0.10	0.1	0.03	0.015	0.04	9.2	1.7	0.13	162	0.20	0.02	0.5	13.5
N831173		0.23	0.32	0.05	<0.1	0.01	0.010	0.03	1.9	3.8	0.39	64	0.23	0.02	0.2	4.6
N831174		0.69	0.69	0.06	0.1	0.02	<0.005	0.06	1.6	8.5	0.02	140	1.18	0.02	0.3	40.9
N831175		0.55	1.40	0.05	0.2	0.01	0.011	0.12	5.1	8.9	0.05	89	0.33	0.02	0.7	31.8
N831176		6.72	0.56	0.15	0.1	0.29	0.017	0.03	3.4	2.6	0.02	160	7.71	0.01	0.3	139.5
N831177		2.57	0.50	0.09	0.1	0.29	0.029	0.05	4.3	3.0	0.05	119	1.83	0.02	0.4	66.7
N831178		2.53	0.31	0.07	0.1	0.17	0.008	0.03	2.0	6.3	0.01	71	2.25	0.02	0.2	20.6
N831179		10.35	0.52	0.23	0.1	0.53	0.036	0.04	3.0	4.0	0.02	722	10.00	0.01	0.4	71.4
N831180		0.17	0.45	0.05	<0.1	0.01	0.031	0.04	2.8	3.1	0.09	47	0.13	0.03	0.2	6.4
N831181		0.22	0.21	<0.05	<0.1	<0.01	0.007	0.02	1.8	2.1	0.04	41	0.29	0.01	0.1	4.1
N831182		0.29	0.23	0.07	<0.1	0.03	0.010	0.02	4.1	0.5	0.12	53	1.08	<0.01	0.4	34.1
N831183		0.19	0.18	0.10	<0.1	<0.01	0.014	0.02	2.6	4.2	0.05	48	0.24	0.01	0.2	7.3
N831184		0.27	0.66	0.11	0.1	0.03	0.011	0.09	4.9	1.7	0.13	53	0.82	0.02	0.5	60.9
N831185		4.66	1.04	0.14	0.1	0.20	<0.005	0.06	21.8	2.9	0.02	93	77.3	0.01	0.2	180.5
N831186		4.85	6.11	0.15	0.2	0.82	0.023	0.09	25.8	3.6	0.02	318	28.9	0.01	0.4	248
N831187		0.08	0.12	0.11	<0.1	0.02	0.043	0.01	10.9	1.6	0.05	48	0.91	0.01	0.1	2.0
N831188		0.42	1.03	0.11	0.1	0.02	0.013	0.07	5.3	11.0	0.02	46	0.60	0.01	0.4	4.5
N831189		8.63	1.01	0.16	0.1	0.72	<0.005	0.07	23.6	8.2	0.02	2110	18.40	0.01	0.3	175.5
N831190		9.43	0.98	0.17	0.1	0.76	<0.005	0.05	20.3	5.5	0.01	2360	20.5	0.01	0.3	219

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831151		820	13.2	23.5	0.005	0.01	0.90	2.2	1	0.6	175.0	0.25	<0.05	8.2	0.078	0.19
N831152		660	7.5	70.5	0.003	0.18	0.34	9.6	1	0.7	182.5	1.67	0.05	6.3	0.346	0.17
N831153		3040	6.7	79.5	0.003	0.09	0.23	18.9	2	1.4	168.0	3.80	0.07	9.7	1.130	0.13
N831154		2120	9.6	57.5	0.003	1.00	0.69	9.9	2	1.2	303	2.49	0.05	8.3	0.484	0.21
N831155		70	0.8	2.6	0.004	0.05	0.14	0.6	1	<0.2	124.5	<0.05	<0.05	0.4	0.008	0.03
N831156		800	5.5	19.2	0.003	0.01	0.34	8.0	2	0.7	424	1.16	<0.05	3.7	0.537	0.07
N831157		820	7.3	53.6	0.004	0.03	0.37	12.3	2	1.5	210	2.79	0.07	13.0	0.582	0.17
N831158		160	3.7	14.8	0.023	0.07	1.27	1.4	3	0.5	21.0	0.38	<0.05	2.2	0.088	0.16
N831159		190	5.1	33.9	0.004	0.30	0.44	4.4	2	0.5	829	0.20	<0.05	2.8	0.095	0.21
N831160		1810	7.5	59.8	0.003	0.35	0.36	13.2	3	1.1	292	2.12	0.06	6.5	0.685	0.13
N831161		590	6.4	18.1	0.003	0.05	0.38	4.0	1	0.5	49.2	0.23	<0.05	4.1	0.132	0.13
N831162		330	7.2	24.1	0.003	0.01	0.27	5.3	1	0.8	20.0	0.23	<0.05	3.5	0.123	0.12
N831163		30	2.0	1.1	0.002	<0.01	0.14	0.2	<1	<0.2	3.6	<0.05	<0.05	0.2	0.007	<0.02
N831164		160	25.1	115.0	0.003	0.15	0.42	10.2	1	1.7	112.0	0.67	0.06	13.1	0.248	0.47
N831165		2870	10.1	81.6	0.004	0.07	0.68	18.2	2	1.6	137.0	2.84	0.05	8.5	0.946	0.26
N831166		1510	10.7	63.2	0.003	0.06	0.82	14.9	2	1.3	96.6	2.12	<0.05	7.5	0.687	0.30
N831167		2210	8.7	79.2	0.004	0.07	0.60	17.7	2	1.4	159.0	2.69	0.06	8.1	0.924	0.22
N831168		80	<0.5	0.9	0.002	<0.01	0.07	0.4	<1	<0.2	44.7	<0.05	<0.05	0.2	<0.005	<0.02
N831169		160	3.5	1.6	0.004	0.01	0.25	0.5	<1	0.2	12.8	<0.05	<0.05	0.3	0.009	0.03
N831170		120	1.1	1.4	0.003	<0.01	0.13	0.5	1	<0.2	118.5	<0.05	<0.05	0.2	0.005	<0.02
N831171		120	1.3	1.3	0.003	<0.01	0.15	0.5	1	<0.2	110.5	<0.05	<0.05	0.2	<0.005	<0.02
N831172		350	1.6	3.3	0.003	0.01	0.22	0.9	1	<0.2	140.5	<0.05	<0.05	0.4	0.009	0.03
N831173		100	1.3	1.2	0.003	<0.01	0.15	0.4	<1	<0.2	48.6	<0.05	<0.05	0.2	<0.005	<0.02
N831174		100	1.9	3.6	0.004	0.03	0.48	0.5	1	<0.2	13.5	<0.05	<0.05	0.4	0.008	0.06
N831175		120	2.7	9.3	0.003	<0.01	0.24	1.2	<1	0.2	19.0	<0.05	<0.05	0.9	0.020	0.10
N831176		540	63.6	1.8	0.002	0.01	2.69	0.7	2	0.3	6.0	<0.05	<0.05	0.3	0.007	0.17
N831177		190	26.3	3.1	0.003	0.02	1.47	0.8	2	0.3	53.8	<0.05	<0.05	0.4	0.009	0.04
N831178		100	4.9	1.3	0.002	0.01	0.60	0.3	<1	<0.2	4.7	<0.05	0.08	0.2	0.005	0.03
N831179		230	32.3	2.2	0.002	0.03	0.93	0.6	1	0.2	5.8	<0.05	0.08	0.3	0.007	0.48
N831180		70	0.8	2.4	0.003	<0.01	0.10	0.7	<1	<0.2	79.5	<0.05	<0.05	0.2	0.008	0.02
N831181		40	0.7	1.0	0.002	<0.01	0.07	0.3	<1	<0.2	61.2	<0.05	<0.05	0.2	<0.005	0.02
N831182		250	1.6	1.3	0.003	<0.01	0.18	0.5	1	<0.2	80.1	<0.05	<0.05	0.2	<0.005	0.03
N831183		100	0.8	0.8	<0.002	0.01	0.11	0.3	<1	<0.2	72.3	<0.05	<0.05	0.2	<0.005	0.02
N831184		4110	14.2	4.8	<0.002	0.02	0.25	1.0	<1	<0.2	79.5	<0.05	<0.05	0.6	0.018	0.06
N831185		310	3.9	3.3	0.003	0.01	6.83	0.7	5	0.2	16.3	<0.05	<0.05	0.4	0.009	0.19
N831186		1360	36.6	5.1	0.003	0.02	21.3	0.8	7	0.2	36.5	<0.05	<0.05	0.5	0.019	0.22
N831187		90	1.1	0.5	<0.002	<0.01	0.17	0.7	<1	<0.2	83.8	<0.05	<0.05	<0.2	0.006	<0.02
N831188		290	2.7	4.0	<0.002	<0.01	0.23	0.3	<1	0.2	9.1	<0.05	<0.05	0.3	0.012	0.07
N831189		580	7.1	3.2	0.002	0.02	13.80	0.8	17	<0.2	37.5	<0.05	<0.05	0.5	0.011	2.22
N831190		640	3.7	2.4	0.007	0.01	23.4	0.8	23	<0.2	32.8	<0.05	<0.05	0.5	0.010	2.30

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
N831151		2.8	20	0.3	10.5	166	94.8	
N831152		1.5	63	0.5	17.9	134	95.3	
N831153		2.8	209	1.5	27.6	134	203	
N831154		2.6	94	0.8	26.5	79	157.0	
N831155		1.4	3	0.1	6.1	18	2.5	
N831156		1.0	111	0.5	28.6	88	79.9	
N831157		1.8	76	1.1	28.9	136	161.0	
N831158		1.5	134	0.3	3.9	120	32.3	
N831159		3.2	33	0.3	8.1	81	28.3	
N831160		2.2	128	0.9	23.3	98	135.5	
N831161		1.8	27	0.4	13.1	207	43.2	
N831162		0.9	45	0.4	5.3	56	31.1	
N831163		0.1	2	0.1	0.3	23	1.8	
N831164		2.2	67	1.1	16.1	93	89.4	
N831165		2.9	222	0.8	32.8	128	180.0	
N831166		2.6	176	0.7	26.7	99	138.5	
N831167		2.5	198	0.8	30.7	106	170.0	
N831168		0.5	3	<0.1	3.7	13	1.3	
N831169		0.7	8	0.1	3.5	45	2.6	
N831170		0.8	6	<0.1	9.9	56	1.9	
N831171		0.8	7	0.1	8.2	64	1.7	
N831172		0.7	11	0.1	14.7	80	3.9	
N831173		0.7	8	0.1	3.1	45	1.7	
N831174		0.3	29	0.1	2.2	174	4.2	
N831175		0.5	18	0.1	4.8	127	8.5	
N831176		0.8	58	0.1	9.9	432	3.5	
N831177		0.9	18	0.1	9.5	193	3.1	
N831178		0.4	6	0.1	2.7	65	2.4	
N831179		1.0	40	0.1	5.9	306	3.4	
N831180		0.5	6	<0.1	5.2	48	1.8	
N831181		0.2	3	<0.1	2.5	11	1.2	
N831182		0.6	11	0.1	8.0	1130	2.1	
N831183		0.2	6	0.1	4.7	46	1.2	
N831184		0.9	14	0.2	9.2	1040	5.5	
N831185		4.8	36	0.2	18.8	1660	3.2	
N831186		4.0	39	0.1	31.2	2290	6.1	
N831187		0.9	4	0.1	7.5	32	1.8	
N831188		0.9	8	0.3	3.6	19	3.7	
N831189		2.1	62	0.2	9.8	785	5.1	
N831190		1.9	62	0.1	11.4	978	4.8	

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Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831191		0.39	<0.01	0.16	0.19	227	120	0.07	0.02	0.08	0.27	2.11	3.8	13	0.49	7.5
N831192		0.29	<0.01	0.33	0.90	4930	450	0.37	0.03	0.30	2.79	11.45	6.9	55	1.13	23.1
N831193		0.27	<0.01	0.82	0.62	>10000	400	0.55	0.11	1.09	38.6	18.45	98.8	74	0.93	16.0
N831194		0.25	<0.01	0.30	0.24	3830	390	0.10	0.02	0.40	4.99	4.70	12.1	28	0.56	5.0
N831195		0.47	<0.01	0.23	0.15	2130	100	0.05	<0.01	0.29	2.41	1.37	7.9	57	0.28	9.7
N831196		0.67	<0.01	0.12	0.33	260	110	0.14	0.01	32.0	0.92	4.28	3.9	17	0.53	4.8
N831201		0.54	<0.01	0.03	5.15	<5	1600	1.53	0.04	13.15	0.09	90.7	11.6	42	1.28	14.6
N831202		0.14	<0.01	0.03	7.23	6.8	2770	1.69	0.05	6.42	0.16	180.0	17.3	57	1.13	25.2
N831203		0.36	<0.01	0.03	2.57	17	980	0.76	0.02	26.9	0.06	46.6	11.4	34	1.06	12.5
N831204		0.47	<0.01	0.02	2.28	<5	840	0.78	0.01	27.3	0.06	42.1	7.1	30	0.87	7.5
N831205		0.48	<0.01	0.04	6.07	8	4080	0.56	0.01	10.65	0.14	87.3	10.3	74	0.59	6.8
N831206		0.37	<0.01	0.03	5.32	7	1640	1.48	0.02	11.85	0.13	86.4	9.1	37	1.53	14.5
N831207		0.55	<0.01	0.04	8.45	1.1	4260	1.24	0.01	1.74	0.21	96.4	19.2	30	1.30	83.0
N831208		0.22	<0.01	0.05	8.14	3.5	3060	1.57	0.02	1.71	0.12	120.5	34.6	205	1.42	24.2
N831209		0.50	<0.01	0.07	6.15	12.0	560	2.12	0.17	0.75	0.23	58.8	13.8	71	8.06	26.3
N831210		0.55	0.01	0.09	4.05	9.1	2640	1.07	0.10	3.23	0.15	37.1	7.7	42	3.97	16.5
N831211		0.13	<0.01	0.03	5.76	<5	1930	1.22	<0.01	10.25	0.29	111.0	21.2	43	3.68	14.7
N831212		0.21	<0.01	0.03	1.41	4.0	150	0.29	0.02	3.56	0.07	20.8	4.1	38	0.78	4.9
N831213		0.23	<0.01	0.08	0.21	<5	670	0.16	<0.01	34.7	0.51	3.22	0.8	9	0.20	2.5
N831214		0.16	<0.01	0.10	1.42	8.4	110	0.36	0.03	1.10	1.19	20.5	7.2	23	0.83	18.7
N831215		0.34	<0.01	0.01	4.36	6	420	0.61	<0.01	19.00	0.08	82.0	7.3	90	0.66	9.7
N831216		0.43	<0.01	0.04	6.40	6.1	620	1.04	0.01	7.01	0.72	116.5	11.9	145	1.16	13.0
N831217		0.56	<0.01	0.39	2.44	14.6	640	2.12	0.21	0.17	1.19	38.4	4.1	1540	3.69	23.3
N831218		0.38	<0.01	0.02	0.14	<5	150	0.07	<0.01	16.45	0.76	2.39	0.5	11	0.13	2.4
N831219		0.26	<0.01	0.02	0.12	<5	110	0.07	<0.01	25.9	1.00	2.31	0.8	9	0.13	2.5
N831220		0.12	<0.01	0.02	0.19	<5	150	0.07	<0.01	14.70	0.61	1.73	0.7	13	0.17	2.5
N831221		0.13	<0.01	0.02	0.15	1.2	190	0.06	<0.01	9.96	0.29	1.40	0.6	13	0.18	2.8
N831222		0.14	<0.01	0.01	0.20	<5	110	0.08	<0.01	36.5	0.24	3.71	1.0	8	0.17	3.0
N831223		0.14	<0.01	0.45	0.34	11.2	1010	0.08	0.05	9.93	0.56	2.75	8.2	12	0.25	17.9
N831224		0.34	<0.01	0.02	0.14	<5	130	0.06	0.02	24.0	1.43	3.00	0.9	3	0.12	4.2
N831225		0.08	<0.01	0.13	0.42	5	210	0.12	0.03	19.50	0.96	5.92	1.5	11	0.34	5.3
N831226		0.14	<0.01	0.45	0.15	6.4	210	0.08	0.02	0.52	0.27	2.19	4.9	26	0.19	12.7
N831227		0.39	<0.01	<0.01	0.05	<5	150	0.06	0.02	36.8	1.21	1.60	1.0	3	<0.05	5.2
N831228		0.14	<0.01	0.39	0.63	3.2	230	0.22	0.04	9.14	4.21	11.80	2.3	21	0.54	8.8
N831229		0.21	<0.01	0.05	0.25	<5	330	0.10	0.02	34.4	21.3	3.55	2.5	1	0.34	4.8
N831230		0.06	0.01	0.32	0.88	15	290	0.27	0.14	34.0	90.3	10.95	2.2	10	0.88	10.8
N831231		0.07	<0.01	0.25	0.47	526	140	0.17	0.03	1.25	1.74	6.31	9.8	26	0.60	11.6
N831232		0.31	<0.01	0.09	0.26	543	70	0.12	0.02	0.21	1.24	3.71	14.1	24	0.20	59.3
N831233		0.41	<0.01	0.09	0.25	540	70	0.12	0.02	0.45	1.61	5.08	12.0	25	0.24	50.7
N831234		0.17	<0.01	0.10	0.16	160.5	60	0.05	0.02	0.26	0.46	1.69	1.5	12	0.33	8.2

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N831191	1.51	0.54	0.08	0.1	0.09	<0.005	0.04	5.8	8.1	0.01	226	1.19	0.01	0.2	17.0
N831192	11.60	1.88	0.15	0.2	0.05	0.024	0.13	23.9	12.8	0.04	768	8.04	0.02	0.7	157.0
N831193	45.4	1.97	1.05	0.3	2.56	0.029	0.18	37.4	5.1	0.08	936	54.4	0.01	1.2	398
N831194	8.31	0.89	0.11	0.1	0.38	0.005	0.07	17.6	4.8	0.02	1020	32.7	0.04	0.3	83.8
N831195	6.13	1.06	0.11	<0.1	0.71	0.013	0.02	4.2	1.8	0.01	162	13.20	0.01	0.1	39.6
N831196	0.58	0.73	0.10	0.1	0.19	0.007	0.07	9.6	3.2	0.10	285	1.06	0.01	0.4	11.5
N831201	3.52	14.50	0.18	4.3	0.01	0.041	2.35	50.4	32.8	1.31	1520	0.51	1.43	58.4	13.3
N831202	6.28	21.6	0.30	6.0	0.01	0.057	3.49	90.7	51.3	1.91	707	0.76	1.37	85.7	23.4
N831203	2.75	6.40	0.12	1.8	0.02	0.012	1.15	25.7	13.8	0.67	2260	1.67	0.64	23.0	15.6
N831204	2.11	5.55	0.12	1.4	0.01	0.012	1.00	23.7	12.4	0.62	2260	1.06	0.61	19.7	9.7
N831205	3.40	11.35	0.18	1.3	0.01	0.018	3.34	47.4	22.8	0.97	1440	1.32	1.83	52.9	12.4
N831206	3.30	14.80	0.20	5.4	0.01	0.048	3.05	45.5	25.9	1.01	1380	0.66	1.38	69.9	12.2
N831207	6.25	16.75	0.23	4.6	0.01	0.074	3.53	46.7	84.8	2.98	392	0.29	2.38	70.7	47.8
N831208	8.13	21.2	0.21	4.7	0.01	0.064	3.45	60.3	109.0	3.87	462	0.44	1.27	71.0	69.2
N831209	7.52	14.85	0.19	2.1	0.12	0.049	1.71	29.2	65.5	0.68	1120	2.16	0.29	9.0	44.1
N831210	3.41	9.03	0.14	1.5	0.34	0.023	1.08	17.7	47.1	1.98	523	1.41	0.19	6.1	26.2
N831211	9.08	14.70	0.26	3.2	0.02	0.054	2.39	52.9	61.0	2.24	1780	1.40	0.76	49.0	23.1
N831212	2.89	2.88	0.10	0.7	0.01	0.005	0.28	8.7	36.7	1.30	1220	0.55	0.16	2.3	13.0
N831213	0.26	0.61	0.09	0.1	0.13	<0.005	0.05	3.2	2.7	1.12	231	1.91	0.03	0.5	5.4
N831214	8.23	3.30	0.11	0.5	0.06	0.013	0.61	8.2	12.9	0.36	486	1.36	0.03	1.4	21.9
N831215	1.86	8.73	0.18	2.6	<0.01	0.021	0.26	36.4	20.1	0.67	6240	0.44	2.57	26.9	15.8
N831216	4.89	15.70	0.22	3.2	0.01	0.031	0.39	50.2	63.2	1.76	2980	0.91	2.90	36.5	37.2
N831217	14.35	5.79	0.21	0.9	0.05	0.063	0.52	45.6	33.5	0.14	67	19.15	0.04	7.6	179.5
N831218	0.21	0.36	0.08	<0.1	0.01	<0.005	0.03	4.8	3.0	0.10	84	0.15	0.01	0.3	7.4
N831219	0.21	0.32	0.09	<0.1	0.01	<0.005	0.03	5.3	2.2	0.12	106	0.17	0.01	0.2	9.4
N831220	0.40	0.51	0.09	0.1	0.02	<0.005	0.05	2.8	4.3	0.86	103	0.22	0.03	0.3	5.5
N831221	0.36	0.42	0.09	<0.1	0.02	<0.005	0.04	2.1	5.1	0.71	89	0.27	0.02	0.2	5.3
N831222	0.19	0.59	0.10	0.1	0.01	<0.005	0.05	7.0	2.0	0.71	178	0.10	0.04	0.5	4.2
N831223	6.01	0.83	0.10	0.1	0.17	0.012	0.06	4.9	3.4	0.12	207	9.48	0.06	0.2	98.0
N831224	0.20	0.38	0.09	0.1	0.01	0.010	0.03	6.9	2.0	0.11	110	0.27	0.02	0.2	10.8
N831225	0.34	0.97	0.10	0.1	0.02	0.007	0.10	9.0	4.7	0.14	171	0.44	0.06	0.6	14.5
N831226	3.36	0.45	0.08	0.1	0.13	0.011	0.04	2.6	4.0	0.02	124	2.63	0.02	0.3	43.3
N831227	0.12	0.17	0.09	<0.1	0.01	<0.005	0.01	5.4	0.7	0.14	153	0.21	0.01	0.1	6.4
N831228	0.68	1.58	0.10	0.3	0.03	0.010	0.23	13.8	5.6	0.09	90	0.87	0.03	1.1	24.8
N831229	0.21	0.72	0.08	0.2	0.02	<0.005	0.08	4.7	2.1	0.15	189	0.35	0.01	0.3	29.7
N831230	0.49	2.16	0.11	0.3	0.03	0.214	0.30	10.9	4.3	0.18	194	0.40	0.08	1.4	49.2
N831231	2.60	1.29	0.12	0.2	0.19	0.013	0.10	13.9	3.7	0.04	117	21.0	0.13	0.4	88.1
N831232	4.31	0.84	0.11	<0.1	0.48	0.015	0.02	10.7	4.3	0.01	144	15.00	0.01	0.1	223
N831233	3.75	1.05	0.11	<0.1	0.37	0.010	0.03	16.3	8.8	0.01	127	17.25	0.02	0.1	156.0
N831234	1.01	0.62	0.09	0.1	0.05	0.012	0.05	3.8	7.2	0.02	72	8.30	0.01	0.2	19.6

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831191		110	1.3	1.9	0.002	0.01	1.05	0.3	1	<0.2	8.4	<0.05	<0.05	0.2	0.008	0.24
N831192		1210	3.1	5.9	0.003	0.01	3.56	1.4	1	0.2	60.9	0.05	<0.05	1.0	0.024	1.68
N831193		1630	20.4	8.8	0.008	0.04	59.3	2.8	146	0.4	74.3	0.07	0.19	2.3	0.036	2.51
N831194		880	3.6	3.0	0.002	0.14	5.03	0.3	2	0.2	69.8	<0.05	<0.05	0.5	0.010	2.36
N831195		350	1.5	1.1	0.002	0.02	3.27	0.1	10	<0.2	13.1	<0.05	<0.05	0.2	<0.005	0.31
N831196		370	1.4	4.0	0.002	<0.01	0.64	1.4	5	<0.2	91.9	<0.05	<0.05	0.4	0.017	0.11
N831201		1640	5.0	65.6	<0.002	0.16	0.41	8.9	1	1.7	262	2.99	<0.05	10.2	0.524	0.20
N831202		4590	6.1	82.8	<0.002	0.10	0.47	13.5	2	2.6	230	4.11	<0.05	12.7	0.918	0.19
N831203		1670	7.2	32.1	0.004	1.02	0.58	5.3	1	0.7	405	1.11	<0.05	3.5	0.290	0.19
N831204		2170	4.2	26.7	0.002	0.75	0.29	4.7	1	0.6	480	0.93	<0.05	3.0	0.250	0.09
N831205		5460	7.1	46.5	0.002	0.53	0.43	6.6	1	0.7	305	2.16	<0.05	4.0	0.524	0.15
N831206		1450	4.6	81.4	<0.002	0.11	0.29	8.4	1	1.9	218	3.57	<0.05	11.7	0.478	0.21
N831207		3490	2.0	55.8	0.003	0.02	0.10	23.7	1	1.5	103.5	3.48	<0.05	7.1	1.580	0.09
N831208		3880	4.7	70.8	0.002	0.03	0.20	22.3	1	1.6	112.5	3.53	<0.05	8.4	1.260	0.12
N831209		830	14.6	95.3	0.003	0.18	0.83	12.5	2	1.7	158.5	0.63	<0.05	8.1	0.339	0.51
N831210		600	11.8	56.0	0.005	0.28	0.50	7.5	2	1.1	157.0	0.44	<0.05	5.1	0.239	0.33
N831211		2120	8.2	55.1	0.002	0.09	0.37	20.9	4	1.3	335	2.49	<0.05	5.5	1.010	0.10
N831212		520	4.3	13.4	0.002	0.17	0.22	2.9	1	0.4	56.7	0.16	<0.05	2.9	0.094	0.10
N831213		100	1.0	2.4	0.008	0.11	0.27	0.5	1	<0.2	273	<0.05	<0.05	0.3	0.013	0.04
N831214		440	23.1	21.2	<0.002	8.03	0.29	3.1	1	0.5	60.2	0.11	<0.05	2.1	0.056	2.08
N831215		1220	3.7	10.0	<0.002	0.21	0.21	9.9	2	1.0	352	1.40	<0.05	3.9	0.636	0.07
N831216		1640	5.8	15.3	<0.002	0.16	0.28	14.0	2	1.3	211	1.94	<0.05	5.2	0.851	0.11
N831217		1940	7.2	36.6	<0.002	0.08	2.40	4.3	3	0.5	73.7	0.23	0.22	5.1	0.139	0.20
N831218		190	0.9	1.5	<0.002	0.01	0.14	0.4	1	<0.2	86.7	<0.05	<0.05	0.3	0.008	0.02
N831219		260	0.9	1.6	<0.002	<0.01	0.14	0.5	1	<0.2	126.5	<0.05	<0.05	0.2	0.006	<0.02
N831220		130	1.2	2.0	0.002	0.04	0.21	0.5	<1	<0.2	102.0	<0.05	<0.05	0.3	0.010	0.02
N831221		100	1.1	1.7	0.002	0.04	0.19	0.3	<1	<0.2	73.9	<0.05	<0.05	0.2	0.007	<0.02
N831222		230	1.0	2.2	<0.002	0.02	0.09	0.8	1	<0.2	255	<0.05	<0.05	0.3	0.020	<0.02
N831223		250	6.1	2.7	0.003	0.04	1.00	1.2	1	0.2	71.0	<0.05	0.07	0.3	0.016	0.09
N831224		170	1.3	1.8	<0.002	<0.01	0.19	0.6	1	<0.2	112.5	<0.05	<0.05	0.3	0.007	0.02
N831225		240	1.8	5.4	0.003	0.01	0.21	1.2	2	<0.2	112.5	<0.05	0.09	0.7	0.022	0.04
N831226		130	3.6	2.0	0.002	0.01	0.89	0.6	<1	0.2	8.4	<0.05	0.07	0.4	0.007	0.06
N831227		100	0.6	0.7	<0.002	<0.01	0.09	0.2	1	<0.2	156.5	<0.05	<0.05	<0.2	<0.005	<0.02
N831228		1020	3.9	12.0	0.002	0.01	0.33	2.2	2	0.3	86.4	0.07	<0.05	1.2	0.032	0.10
N831229		310	1.3	4.5	<0.002	0.01	0.12	0.8	1	<0.2	64.0	<0.05	0.06	0.4	0.011	0.16
N831230		810	17.6	16.7	<0.002	0.02	1.02	2.0	1	0.6	88.8	0.11	0.08	1.9	0.037	0.13
N831231		220	3.3	5.0	0.004	0.01	6.42	1.1	5	0.3	18.8	<0.05	<0.05	0.6	0.018	0.14
N831232		430	1.2	1.3	<0.002	0.01	4.29	0.4	1	<0.2	8.8	<0.05	<0.05	0.2	<0.005	0.07
N831233		440	3.2	1.8	0.002	0.01	4.34	0.4	<1	<0.2	15.6	<0.05	<0.05	0.2	0.005	0.11
N831234		360	2.2	2.5	0.002	0.01	6.63	0.3	<1	0.2	8.9	<0.05	<0.05	0.4	0.006	0.08

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Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
N831191		0.3	11	0.1	1.5	94	2.5	
N831192		4.0	85	0.1	34.3	216	7.6	
N831193		7.8	113	0.3	48.1	1260	16.3	1.975
N831194		2.5	15	<0.1	5.8	251	3.9	
N831195		0.7	13	<0.1	5.0	226	1.7	
N831196		2.2	22	<0.1	17.5	50	5.0	
N831201		2.6	96	1.0	29.4	46	182.5	
N831202		3.5	183	1.3	43.5	93	273	
N831203		2.2	57	0.4	15.4	26	73.5	
N831204		1.8	52	0.3	13.6	28	62.4	
N831205		2.2	72	0.3	20.9	38	56.7	
N831206		3.2	79	0.7	32.4	73	251	
N831207		1.4	267	1.1	25.0	502	188.5	
N831208		2.2	246	0.5	29.9	118	213	
N831209		2.6	128	0.8	19.9	177	76.2	
N831210		1.8	77	0.5	11.6	105	53.2	
N831211		1.7	208	0.6	40.4	205	146.0	
N831212		0.7	27	0.2	10.1	41	30.0	
N831213		5.4	32	<0.1	8.5	19	4.2	
N831214		0.5	15	0.2	6.6	159	14.7	
N831215		1.0	86	0.4	25.6	45	108.0	
N831216		1.3	120	0.5	29.7	156	141.5	
N831217		2.7	302	0.2	23.1	1300	39.9	
N831218		0.5	10	<0.1	7.1	59	2.2	
N831219		0.5	10	<0.1	9.1	65	1.9	
N831220		0.5	15	<0.1	4.9	42	2.0	
N831221		0.5	13	<0.1	3.7	22	1.8	
N831222		1.1	18	<0.1	11.0	20	2.8	
N831223		1.1	47	0.1	8.6	314	2.9	
N831224		0.4	9	0.1	10.0	65	2.1	
N831225		0.8	18	0.1	10.9	69	5.6	
N831226		0.5	39	0.1	3.9	176	2.8	
N831227		0.4	8	<0.1	8.7	38	1.0	
N831228		2.3	57	0.2	33.3	98	8.9	
N831229		0.8	14	<0.1	5.2	542	5.8	
N831230		1.3	27	0.4	11.0	799	8.8	
N831231		2.5	32	0.2	10.8	549	6.0	
N831232		1.6	15	<0.1	14.5	891	2.0	
N831233		2.0	15	0.1	12.2	818	1.8	
N831234		0.7	9	0.1	2.0	120	1.9	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831235		0.06	<0.01	0.07	0.11	38.2	100	0.05	0.02	5.54	0.70	1.74	36.0	5	0.11	9.1
N831236		0.23	<0.01	0.07	0.15	96.0	80	0.08	0.02	0.07	0.21	1.72	1.4	49	0.41	7.9
N831237		0.27	<0.01	0.07	0.20	9.2	70	0.06	0.02	0.08	0.11	2.30	0.7	17	0.61	4.0
N831238		0.22	<0.01	0.24	0.89	220	180	0.37	0.03	0.69	0.53	12.55	4.0	34	3.10	27.8
N831239		0.34	<0.01	0.12	0.21	11.5	80	0.08	0.02	0.13	0.05	2.29	0.9	52	0.37	6.6
N831240		0.19	<0.01	0.51	2.64	1420	680	1.16	0.13	0.16	1.10	36.9	3.6	74	3.69	41.1
N831241		0.25	<0.01	0.09	0.12	8.4	50	0.07	0.01	0.84	0.24	0.78	0.6	41	0.64	6.6
N831242		0.23	<0.01	0.50	0.27	214	210	0.41	0.02	0.24	0.59	5.30	2.4	35	1.33	21.7
N831243		0.05	<0.01	0.19	0.11	8	50	<0.05	0.02	18.70	0.65	2.73	1.0	7	0.19	5.6
N831244		0.06	<0.01	0.07	0.11	15	50	0.06	0.01	10.05	0.53	2.12	0.7	8	0.24	7.2
N831245		0.27	<0.01	0.15	0.10	247	50	0.11	0.01	13.25	0.94	8.69	2.0	13	0.28	5.1
N831246		0.11	<0.01	0.25	0.15	22	130	0.06	0.01	15.45	0.38	5.71	0.4	7	0.49	4.8
N831247		0.42	<0.01	0.05	0.16	6	50	<0.05	0.01	13.75	0.50	1.14	0.5	12	0.25	2.8
N831248		0.27	<0.01	0.02	0.08	1.7	30	0.05	0.02	0.34	0.08	1.35	1.0	6	0.07	3.9

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831235		0.53	0.49	0.07	<0.1	0.18	0.009	0.02	6.0	7.1	0.02	666	1.54	0.02	0.1	31.8
N831236		0.65	1.19	0.06	0.1	0.04	0.010	0.04	4.7	11.0	0.01	55	0.61	0.01	0.3	7.2
N831237		0.36	0.80	0.08	0.1	0.01	0.007	0.06	4.2	18.0	0.01	62	0.46	0.01	0.2	3.3
N831238		1.35	2.72	0.14	0.3	0.08	0.011	0.30	31.9	13.5	0.07	161	2.06	0.01	1.0	28.3
N831239		0.49	2.20	0.08	0.1	0.02	0.005	0.05	5.7	8.5	0.03	67	0.50	0.03	0.3	4.4
N831240		3.55	6.48	0.19	1.4	0.15	0.037	0.89	24.4	11.8	0.14	42	4.07	0.03	6.1	26.5
N831241		0.45	0.61	0.08	<0.1	0.03	0.008	0.02	2.1	7.2	0.01	86	0.44	0.02	0.1	3.6
N831242		1.80	1.56	0.10	0.1	0.02	0.008	0.07	11.4	1.8	0.02	76	2.71	0.02	0.4	64.2
N831243		0.23	0.36	0.09	<0.1	0.02	0.006	0.03	8.8	2.1	0.04	90	0.33	0.01	0.2	3.8
N831244		0.29	0.34	0.08	<0.1	0.02	0.006	0.03	7.0	5.8	0.03	99	0.26	0.01	0.1	4.8
N831245		0.56	0.43	0.13	<0.1	0.12	<0.005	0.02	32.0	1.5	0.03	168	1.08	0.01	0.1	24.4
N831246		0.20	0.42	0.09	0.1	0.03	<0.005	0.04	12.8	1.2	0.08	60	0.21	0.02	0.2	3.9
N831247		0.22	0.35	0.08	<0.1	0.02	<0.005	0.02	4.0	1.4	0.07	83	0.21	0.04	0.1	2.0
N831248		0.39	0.23	0.08	<0.1	<0.01	<0.005	0.02	2.3	2.0	0.01	49	0.27	0.01	0.1	11.6

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831235		70	0.8	0.8	<0.002	<0.01	0.47	0.4	1	<0.2	26.5	<0.05	<0.05	<0.2	<0.005	0.41
N831236		90	1.3	2.4	0.002	<0.01	0.62	0.2	<1	0.2	6.0	<0.05	<0.05	0.3	0.008	0.05
N831237		130	0.9	3.7	0.003	<0.01	0.45	0.3	<1	0.2	4.9	<0.05	<0.05	0.3	0.006	0.07
N831238		2190	6.4	19.4	0.003	0.02	1.38	2.1	1	0.4	53.6	0.07	0.05	1.3	0.029	0.30
N831239		60	1.3	2.5	0.002	<0.01	0.20	0.5	<1	0.2	5.9	<0.05	<0.05	0.3	0.013	0.03
N831240		530	15.1	51.0	0.008	0.03	4.38	9.1	28	0.8	69.9	0.31	0.13	5.0	0.135	0.45
N831241		40	0.7	1.3	0.003	<0.01	0.16	0.3	<1	0.2	11.5	<0.05	<0.05	<0.2	0.006	<0.02
N831242		770	2.3	4.7	<0.002	<0.01	1.42	1.0	<1	0.2	20.1	<0.05	0.05	0.4	0.014	0.06
N831243		220	0.9	1.8	0.002	<0.01	0.12	0.7	1	<0.2	93.2	<0.05	<0.05	0.2	0.006	0.02
N831244		210	0.7	1.6	<0.002	<0.01	0.12	0.7	2	<0.2	56.7	<0.05	<0.05	0.2	<0.005	0.03
N831245		190	0.9	1.4	0.007	<0.01	0.85	1.0	1	<0.2	13.6	<0.05	0.05	0.2	<0.005	0.07
N831246		670	0.9	2.3	0.002	<0.01	0.07	1.0	1	<0.2	201	<0.05	0.05	0.4	0.008	0.03
N831247		130	<0.5	1.0	0.003	<0.01	0.07	0.9	<1	<0.2	64.4	<0.05	<0.05	<0.2	0.007	0.02
N831248		230	0.7	1.0	<0.002	<0.01	0.21	0.2	<1	<0.2	4.8	<0.05	<0.05	<0.2	<0.005	<0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
N831235		0.8	3	0.1	5.3	109	1.0	
N831236		0.5	6	0.2	1.9	26	2.5	
N831237		0.8	6	0.1	1.8	11	2.2	
N831238		4.5	40	0.3	30.3	173	12.5	
N831239		0.8	8	0.1	1.5	15	2.3	
N831240		7.6	116	0.9	30.4	140	63.9	
N831241		0.3	3	0.1	1.6	15	1.4	
N831242		2.1	32	0.7	11.5	167	5.9	
N831243		1.1	6	0.1	11.4	24	1.7	
N831244		0.5	5	0.1	6.4	25	1.3	
N831245		8.2	23	<0.1	15.7	108	1.5	
N831246		0.7	8	0.1	13.3	20	2.5	
N831247		0.9	8	<0.1	6.3	11	0.8	
N831248		0.4	8	0.1	3.4	53	1.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13097167

CERTIFICATE COMMENTS

Applies to Method:

ALS Minerals
ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

CERTIFICATE WH13102982

Project: Nadaleen
P.O. No.: R13-02
This report is for 110 Rock samples submitted to our lab in Whitehorse, YT, Canada on 10-JUN-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85%<75 um
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 18-JUN-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831249		0.07	<0.01	0.37	0.26	15	40	0.28	0.07	36.5	2.63	4.77	0.5	9	0.11	4.6
N831250		0.16	0.02	0.31	0.28	62	50	0.33	0.01	36.4	1.94	4.89	0.7	6	0.14	2.3
N830701		0.38	<0.01	0.30	0.18	32	50	0.31	<0.01	37.0	2.21	1.98	0.5	3	0.07	2.2
N830702		0.55	<0.01	0.06	0.16	<5	20	0.19	<0.01	25.5	0.17	1.80	0.6	2	0.11	1.8
N830703		0.73	0.01	0.14	0.24	36	40	0.21	<0.01	29.5	0.70	2.89	0.6	4	0.13	2.3
N830704		0.49	0.01	0.28	0.25	40	50	0.28	0.01	26.7	2.24	2.69	0.7	3	0.15	2.3
N830705		0.65	<0.01	1.45	0.25	76	20	0.23	<0.01	38.5	5.83	2.63	0.6	6	0.13	4.0
N830706		0.70	0.01	1.79	0.35	324	90	0.29	<0.01	37.1	5.04	4.94	1.0	8	0.22	3.8
N830707		0.28	0.01	0.38	0.21	54	40	0.19	<0.01	26.0	3.21	2.92	0.8	3	0.13	2.6
N830708		0.90	0.04	0.52	0.38	132	90	0.26	0.01	35.7	2.88	5.90	1.9	8	0.24	5.3
N830709		0.15	<0.01	0.22	0.20	28	30	0.17	<0.01	28.2	0.42	2.61	0.8	3	0.11	2.5
N830710		0.18	0.04	1.14	0.70	159	90	0.34	0.04	35.4	5.44	9.57	1.8	11	0.78	3.7
N830711		0.13	0.01	0.16	0.23	315	30	0.27	<0.01	37.2	0.66	4.77	0.5	5	0.13	1.6
N830712		0.26	0.01	0.18	0.22	34	40	0.29	<0.01	26.6	1.21	2.88	0.7	3	0.12	2.0
N830713		0.26	0.01	0.01	0.29	<5	80	0.17	<0.01	36.1	0.51	6.43	0.5	3	0.09	3.1
N830714		0.60	0.02	0.32	0.35	108	40	0.20	0.01	37.7	0.98	5.49	1.0	7	0.22	2.7
N830715		0.28	0.02	0.93	1.12	296	140	0.39	0.03	33.7	3.28	12.30	2.6	17	0.46	4.5
N830716		0.79	<0.01	1.38	0.14	16	40	0.20	<0.01	28.4	6.51	1.57	0.5	2	0.10	2.8
N830717		0.87	<0.01	0.20	0.26	47	30	0.34	<0.01	28.4	1.31	3.44	0.8	2	0.14	2.4
N830718		0.31	0.04	0.33	0.18	63	60	0.16	<0.01	37.7	0.98	3.09	0.5	3	0.08	1.6
N830719		0.10	<0.01	0.03	0.05	16	50	0.08	<0.01	37.8	0.66	1.81	0.4	3	<0.05	3.6
N830720		0.10	<0.01	0.01	0.06	<5	30	0.11	<0.01	36.4	0.13	0.51	0.4	3	<0.05	1.6
N830721		0.05	<0.01	0.04	0.65	31.8	30	0.12	0.12	0.42	0.41	18.75	1.4	17	0.11	7.4
N830722		0.26	<0.01	0.48	1.36	5.8	2550	0.48	0.06	0.81	0.38	14.65	1.6	34	4.90	8.3
N830723		0.38	<0.01	0.03	0.05	40	20	0.14	<0.01	38.1	0.15	1.67	5.5	3	<0.05	1.4
N830724		0.24	0.01	0.10	0.18	43	50	0.22	<0.01	27.1	0.54	2.13	1.1	2	0.11	2.0
N830725		0.23	<0.01	0.02	0.51	<5	80	0.24	0.01	28.0	0.19	4.86	0.5	6	0.56	2.5
N830726		0.31	<0.01	1.04	0.33	9.3	210	0.19	0.03	1.75	5.43	3.51	0.6	52	0.26	42.8
N830727		0.29	<0.01	0.11	0.05	42	20	0.10	<0.01	25.1	0.81	0.58	1.0	4	<0.05	2.2
N830728		0.25	0.01	1.28	0.11	536	80	0.21	<0.01	31.4	7.84	2.79	4.4	19	0.11	4.1
N830729		0.07	<0.01	0.27	0.45	1310	140	0.34	<0.01	33.3	14.70	3.85	28.2	25	0.50	5.6
N830730		0.24	<0.01	0.06	0.16	<5	40	0.23	<0.01	24.5	0.20	1.48	0.4	2	0.18	2.2
N830731		0.28	<0.01	0.08	0.34	275	50	0.23	0.03	26.3	2.50	4.50	2.9	4	0.46	3.4
N830732		0.19	<0.01	0.02	0.77	8.7	50	0.16	0.04	0.25	0.12	8.67	1.5	15	0.33	6.0
N830733		0.07	<0.01	0.07	6.83	75.2	250	1.45	0.22	0.83	0.42	61.4	27.2	81	2.80	117.0
N830734		0.32	<0.01	0.01	0.71	1.8	40	0.09	0.05	0.45	0.11	6.45	1.5	21	0.28	3.2
N830735		0.34	<0.01	0.03	3.57	<5	>10000	0.54	0.09	18.50	1.04	31.8	14.4	41	1.57	90.4
N830736		0.14	<0.01	0.01	1.03	<5	2230	0.68	0.04	20.1	0.54	13.00	10.8	10	0.70	20.4
N830737		0.12	<0.01	0.03	2.86	<5	1190	1.38	0.07	13.75	0.44	29.5	18.1	29	2.24	67.3
N830738		0.38	<0.01	0.30	1.27	51.1	1210	0.41	0.04	0.11	0.29	8.65	0.4	29	0.40	22.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831249	0.15	0.69	0.08	0.1	2.7	0.006	0.09	2.6	0.9	0.21	443	0.24	0.01	0.3	0.2
N831250	0.21	0.73	0.08	0.1	3.7	0.011	0.07	2.9	1.1	0.19	481	0.25	0.02	0.5	1.2
N830701	0.11	0.48	0.09	<0.1	2.6	0.006	0.05	0.9	0.7	0.62	426	0.08	0.01	0.1	<0.2
N830702	0.13	0.43	0.10	0.1	0.11	0.006	0.06	0.8	0.9	9.62	110	0.11	0.01	0.2	1.2
N830703	0.15	0.66	0.13	0.1	1.40	<0.005	0.10	1.3	1.0	6.31	223	0.36	0.01	0.3	0.7
N830704	0.15	0.64	0.09	0.1	4.1	0.023	0.09	1.3	1.2	8.32	207	0.31	0.01	0.4	1.4
N830705	0.12	0.73	0.15	0.1	6.51	0.025	0.08	1.3	0.8	0.23	447	0.18	<0.01	0.3	0.8
N830706	0.64	0.89	0.11	0.2	12.0	0.010	0.10	2.8	1.3	0.18	461	0.58	0.01	0.5	1.5
N830707	0.16	0.58	0.12	0.1	5.80	0.011	0.08	1.5	1.2	9.43	139	0.42	0.02	0.3	1.1
N830708	0.26	0.99	0.12	0.2	5.2	0.009	0.13	3.9	1.3	0.10	382	1.29	<0.01	0.7	5.6
N830709	0.12	0.51	0.15	0.1	0.4	0.017	0.08	1.2	1.0	7.98	145	0.63	0.01	0.3	1.8
N830710	0.46	1.78	0.12	0.4	7.8	0.015	0.26	5.7	2.0	0.12	379	1.30	0.01	1.4	3.5
N830711	0.32	0.59	0.11	0.1	7.5	0.023	0.08	2.4	0.6	0.14	455	0.09	0.01	0.2	<0.2
N830712	0.18	0.58	0.11	0.1	2.01	0.008	0.08	1.3	1.0	9.43	169	0.31	0.01	0.4	1.1
N830713	0.14	0.71	0.12	0.2	0.1	0.005	0.07	4.4	2.4	0.71	143	0.07	0.10	0.4	0.5
N830714	0.24	0.86	0.10	0.2	3.2	0.006	0.11	3.6	1.4	0.14	503	0.41	0.01	0.6	2.3
N830715	0.66	2.44	0.12	0.6	11.6	0.017	0.31	7.6	4.9	0.14	399	1.65	0.01	1.8	4.2
N830716	0.13	0.42	0.12	0.1	7.14	0.008	0.05	0.7	0.7	7.19	158	0.10	0.01	0.2	0.5
N830717	0.16	0.70	0.14	0.1	2.0	0.007	0.10	1.5	1.1	8.06	260	0.62	0.01	0.3	1.5
N830718	0.18	0.47	0.11	0.1	3.8	0.008	0.06	2.1	0.6	0.08	697	1.14	<0.01	0.3	2.1
N830719	0.10	0.20	0.12	<0.1	0.1	0.011	0.01	2.6	0.4	0.12	262	2.61	0.01	0.1	1.6
N830720	0.04	0.14	0.12	<0.1	0.5	<0.005	0.01	0.5	0.3	1.45	98	0.06	0.02	<0.1	0.3
N830721	1.48	1.53	0.09	1.9	0.16	0.005	0.15	7.9	16.8	0.04	206	0.92	0.02	1.5	4.7
N830722	0.81	3.47	0.13	0.6	0.04	0.018	0.52	9.6	9.5	0.14	86	0.40	0.03	2.3	10.8
N830723	0.17	0.17	0.09	<0.1	1.2	0.009	0.02	0.9	0.4	0.08	184	3.62	<0.01	0.1	29.4
N830724	0.14	0.48	0.12	0.1	1.5	0.016	0.08	1.0	0.8	8.33	242	0.38	0.01	0.3	3.5
N830725	0.24	1.25	0.14	0.2	0.04	0.016	0.23	2.3	3.4	6.93	43	0.86	0.03	0.8	2.8
N830726	0.42	1.39	0.14	<0.1	0.27	0.010	0.08	4.7	12.8	0.06	67	10.35	0.01	0.4	28.3
N830727	0.11	0.16	0.13	<0.1	0.8	0.009	0.01	<0.5	0.5	10.50	224	0.44	0.01	0.1	3.8
N830728	1.00	0.37	0.10	<0.1	13.8	0.007	0.04	1.9	0.5	4.63	358	4.60	0.01	0.2	30.6
N830729	4.15	1.16	0.07	0.2	2.8	<0.005	0.16	2.1	1.3	0.27	854	14.70	0.02	0.5	224
N830730	0.09	0.42	0.06	0.1	0.12	0.008	0.06	0.8	0.8	10.50	45	0.42	0.02	0.2	1.6
N830731	0.47	0.90	0.13	0.2	1.3	0.008	0.15	2.0	1.3	8.10	570	1.18	0.02	0.8	21.3
N830732	1.05	1.96	0.06	0.4	0.05	0.014	0.16	3.6	11.6	0.18	293	0.29	0.11	0.8	5.2
N830733	7.35	18.05	0.12	2.8	0.08	0.079	1.36	26.9	63.6	1.46	1220	0.75	0.61	11.0	49.4
N830734	0.59	1.21	<0.05	0.6	0.04	0.012	0.10	3.6	2.4	0.04	164	0.21	0.37	0.5	4.1
N830735	3.98	9.03	0.09	1.2	0.01	0.061	0.49	10.7	23.6	1.77	2420	0.17	0.95	4.8	30.3
N830736	5.02	3.00	0.06	0.5	0.01	0.025	0.27	5.5	21.7	8.04	1940	0.07	0.08	1.7	11.4
N830737	4.80	8.09	0.05	1.3	0.01	0.046	0.58	12.1	34.6	5.33	1330	0.14	0.30	4.6	28.3
N830738	0.96	1.61	0.06	0.3	0.02	0.021	0.25	4.8	18.2	0.06	45	16.90	0.01	0.6	31.3

***** See Appendix Page for comments regarding this certificate *****

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Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
N831249		90	23.8	3.1	<0.002	0.02	0.96	3.1	<1	<0.2	33.4	<0.05	<0.05	0.7	0.009	0.08
N831250		70	28.2	2.5	<0.002	0.04	1.40	4.0	1	<0.2	49.3	<0.05	<0.05	0.5	0.016	0.21
N830701		30	4.1	1.7	<0.002	0.03	0.57	2.3	<1	<0.2	46.4	<0.05	<0.05	0.2	0.007	0.48
N830702		80	2.0	2.2	<0.002	<0.01	0.21	0.3	1	<0.2	136.5	<0.05	<0.05	0.2	0.007	0.08
N830703		70	3.2	3.2	<0.002	<0.01	0.57	0.6	<1	<0.2	110.5	<0.05	<0.05	0.3	0.011	0.26
N830704		80	6.5	3.3	<0.002	0.01	0.83	0.6	<1	0.2	104.5	<0.05	<0.05	0.4	0.013	0.29
N830705		70	264	2.7	<0.002	0.08	14.05	3.4	1	0.2	17.7	<0.05	<0.05	0.5	0.011	0.55
N830706		110	352	3.3	<0.002	0.22	15.55	4.0	1	0.2	52.3	<0.05	<0.05	0.7	0.019	3.45
N830707		40	4.7	2.8	<0.002	<0.01	0.71	0.4	1	<0.2	136.5	<0.05	<0.05	0.3	0.012	0.09
N830708		300	69.1	4.5	0.009	0.05	4.41	2.0	2	0.2	76.0	<0.05	<0.05	0.8	0.020	1.96
N830709		90	42.8	2.7	<0.002	<0.01	0.79	0.3	<1	<0.2	147.0	<0.05	<0.05	0.3	0.010	0.09
N830710		300	182.5	9.2	<0.002	0.07	8.32	1.7	1	0.4	88.4	0.09	<0.05	1.3	0.044	0.54
N830711		30	3.9	2.6	<0.002	0.05	1.29	4.7	<1	<0.2	71.0	<0.05	<0.05	0.5	0.007	3.07
N830712		70	4.8	2.8	<0.002	<0.01	0.83	0.5	1	<0.2	131.5	<0.05	<0.05	0.4	0.012	0.23
N830713		380	3.7	3.1	<0.002	0.01	0.15	0.5	1	<0.2	958	<0.05	0.05	0.7	0.014	0.02
N830714		140	69.9	3.7	<0.002	0.03	1.94	2.9	1	0.2	50.4	<0.05	<0.05	0.7	0.020	0.57
N830715		230	88.2	10.1	<0.002	0.03	4.60	3.8	1	0.4	106.5	0.13	<0.05	2.1	0.060	1.59
N830716		20	20.5	1.6	<0.002	0.04	1.71	0.6	1	0.2	116.0	<0.05	<0.05	0.2	0.007	0.08
N830717		100	4.6	3.5	<0.002	<0.01	1.02	0.7	<1	<0.2	82.1	<0.05	<0.05	0.4	0.012	0.18
N830718		360	36.6	2.1	<0.002	0.01	1.60	1.3	1	<0.2	52.3	<0.05	<0.05	0.4	0.011	0.15
N830719		60	1.4	0.3	<0.002	<0.01	0.62	0.3	1	<0.2	316	<0.05	<0.05	<0.2	0.006	<0.02
N830720		20	1.3	0.4	<0.002	<0.01	0.13	0.2	<1	<0.2	104.5	<0.05	0.05	<0.2	<0.005	<0.02
N830721		70	3.7	5.8	<0.002	0.01	0.86	0.6	<1	0.5	13.2	0.16	<0.05	5.5	0.046	0.05
N830722		830	3.3	31.6	0.002	0.23	0.58	1.9	1	0.5	56.4	0.15	0.05	2.6	0.067	0.21
N830723		70	0.7	0.6	<0.002	<0.01	0.48	1.1	<1	0.2	149.0	<0.05	<0.05	<0.2	<0.005	0.28
N830724		150	3.5	2.6	<0.002	<0.01	0.23	0.3	1	<0.2	171.5	<0.05	<0.05	0.2	0.008	0.41
N830725		180	2.2	7.9	<0.002	<0.01	0.33	0.9	1	0.2	160.0	0.06	<0.05	0.7	0.027	0.10
N830726		550	2.5	3.9	0.014	0.08	7.16	1.5	2	0.2	50.5	<0.05	0.06	0.4	0.016	0.12
N830727		70	2.6	0.4	<0.002	<0.01	0.21	0.3	1	<0.2	81.8	<0.05	<0.05	<0.2	<0.005	0.08
N830728		180	49.0	1.2	<0.002	<0.01	1.69	1.4	2	0.2	144.0	<0.05	0.05	0.2	0.006	0.96
N830729		670	22.3	5.3	<0.002	0.01	3.80	2.5	1	0.3	69.7	<0.05	<0.05	0.6	0.019	4.14
N830730		50	1.9	2.0	<0.002	<0.01	0.20	0.4	<1	<0.2	135.5	<0.05	<0.05	0.2	0.008	0.04
N830731		400	4.4	5.6	0.002	<0.01	0.73	0.7	2	0.2	136.5	0.05	<0.05	0.7	0.021	0.66
N830732		170	2.0	7.8	<0.002	<0.01	0.40	1.2	1	0.3	21.4	0.06	<0.05	1.4	0.036	0.05
N830733		650	13.6	64.1	<0.002	0.03	0.65	22.2	2	1.9	65.4	0.76	0.19	7.3	0.662	0.54
N830734		80	2.1	4.7	<0.002	0.01	0.72	0.6	1	0.2	30.2	<0.05	<0.05	0.9	0.022	0.03
N830735		270	8.4	22.3	0.002	0.34	0.22	14.1	3	0.9	596	0.29	0.08	2.1	0.424	0.12
N830736		100	17.9	11.5	<0.002	0.05	0.20	5.6	2	0.3	438	0.12	0.06	0.9	0.110	0.06
N830737		240	15.0	25.7	<0.002	0.03	0.25	13.2	2	0.8	442	0.32	0.10	2.3	0.288	0.13
N830738		1240	2.0	11.9	0.010	0.04	10.35	3.2	2	0.3	98.2	<0.05	<0.05	1.0	0.022	0.30

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To: ATAC RESOURCES LTD.
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Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62	Hg-CV42
Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	Hg
Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.1
N831249	3.9	23	0.3	6.1	395	3.3			
N831250	3.4	22	0.7	6.3	272	4.8			
N830701	1.8	16	0.3	5.6	301	2.6			
N830702	0.5	3	0.3	0.9	33	2.4			
N830703	2.2	6	0.3	2.2	78	3.3			
N830704	2.0	5	0.4	1.6	244	3.8			
N830705	3.5	25	0.5	6.1	891	3.9			
N830706	7.2	30	1.0	7.0	716	6.0			
N830707	3.2	5	0.3	1.1	230	3.1			
N830708	6.2	66	0.8	6.7	313	6.3			
N830709	2.4	3	0.2	1.3	78	2.4			
N830710	4.9	29	1.9	5.0	643	12.5			
N830711	7.0	24	0.3	8.5	125	3.0			
N830712	1.9	4	0.3	1.5	143	3.2			
N830713	5.4	7	0.1	4.7	13	7.4			
N830714	4.4	24	0.8	7.1	128	7.2			
N830715	6.1	30	2.6	6.2	469	17.3			
N830716	0.9	6	0.4	2.6	871	3.9			
N830717	2.3	6	0.4	2.6	97	3.6			
N830718	5.4	19	0.8	5.3	75	4.0			
N830719	2.7	12	0.2	4.1	24	0.7			
N830720	0.9	3	0.1	0.8	11	1.1			
N830721	0.9	5	0.3	3.4	30	58.3			
N830722	3.0	52	0.3	19.0	36	19.8			
N830723	2.7	6	0.3	1.8	7	1.1			
N830724	1.1	4	0.2	1.1	58	2.0			
N830725	3.3	9	0.2	1.5	22	6.3			
N830726	3.1	460	0.1	10.4	72	2.8			
N830727	3.1	32	0.2	1.4	67	1.3			
N830728	14.0	68	0.7	3.2	533	2.2			
N830729	5.8	48	0.8	6.7	1970	5.9			
N830730	1.4	7	0.1	0.9	13	1.9			
N830731	6.5	15	1.2	2.7	268	6.1			
N830732	0.3	11	0.1	2.2	18	15.2			
N830733	2.1	197	0.9	21.8	110	96.2			
N830734	0.3	5	0.3	1.1	12	17.1			
N830735	0.7	98	0.4	25.9	61	37.9			
N830736	0.3	50	0.1	13.0	50	17.1			
N830737	0.6	112	0.3	17.8	72	42.9			
N830738	9.6	432	0.2	4.9	33	13.3			

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Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N830739		0.26	<0.01	5.77	0.28	33.0	1350	0.15	0.02	1.26	143.5	1.72	3.8	15	0.10	72.2
N830740		0.18	<0.01	0.34	1.69	25.3	520	0.76	0.09	0.12	2.10	20.7	0.9	56	1.22	66.7
N830741		0.43	<0.01	0.06	0.06	<5	270	0.06	0.01	37.6	2.04	2.15	0.3	1	0.06	1.8
N830742		0.08	<0.01	0.41	0.77	9.8	490	0.25	0.06	5.00	18.25	8.46	2.1	22	0.66	21.4
N830743		0.13	<0.01	0.31	1.87	6.4	870	0.61	0.08	0.18	1.66	18.00	0.4	44	2.43	8.5
N830744		0.31	<0.01	0.50	1.92	6.4	450	0.42	0.08	0.04	0.24	13.80	0.3	39	1.59	3.9
N830745		0.24	<0.01	1.42	3.29	45.0	1370	1.03	0.17	0.03	0.14	35.1	0.4	55	5.85	4.2
N830746		0.65	<0.01	0.63	2.11	5.1	830	0.65	0.10	0.03	0.31	17.25	0.3	50	2.03	3.9
N830747		0.12	<0.01	0.32	1.48	13.9	290	0.32	0.07	0.03	0.25	11.40	0.5	40	1.27	8.0
N830748		0.27	<0.01	0.55	1.76	17.1	2750	0.77	0.07	0.06	1.34	17.70	0.6	41	3.70	31.9
N830749		0.27	<0.01	0.05	0.10	1.0	220	0.10	0.01	8.64	0.52	1.59	0.5	13	0.25	2.8
N830750		0.18	<0.01	0.45	1.76	24.5	1220	0.69	0.12	0.04	0.11	17.50	2.6	44	2.98	23.5
K311451		0.15	<0.01	0.37	1.76	21.5	1700	0.63	0.08	0.06	0.12	18.20	2.2	60	2.17	15.4
K311452		0.11	<0.01	0.72	1.50	38.0	1860	0.55	0.11	0.05	0.39	16.35	2.2	41	1.87	14.6
K311453		0.14	<0.01	0.03	1.69	9.3	110	0.31	0.05	0.03	0.04	39.5	2.0	24	0.84	10.8
K311454		0.11	<0.01	0.32	4.61	113.5	2090	2.36	0.07	0.03	0.44	29.1	2.1	61	1.39	117.5
K311455		0.20	<0.01	1.06	2.03	44.2	2760	0.78	0.07	0.03	0.08	25.3	1.9	63	1.88	12.4
K311456		0.33	<0.01	1.60	2.16	35.7	1920	0.95	0.08	0.02	0.21	24.6	0.8	69	3.54	6.5
K311457		0.39	<0.01	14.25	0.29	57.0	300	0.20	0.02	9.34	701	3.37	3.9	3	0.12	360
N831197		0.24	<0.01	0.10	0.09	5	70	0.12	0.01	25.5	1.55	2.32	0.6	5	0.05	2.0
N831198		0.24	<0.01	0.44	0.14	57	30	0.28	0.01	33.1	2.38	2.72	0.6	4	0.07	1.9
N831199		0.34	0.01	0.34	0.31	52	60	0.24	0.02	37.4	1.12	5.10	0.8	5	0.17	2.5
N831200		0.35	<0.01	0.24	0.15	41	20	0.30	0.01	31.5	1.99	3.72	0.4	2	0.08	1.8
N831901		0.36	<0.01	0.20	0.21	<5	30	0.25	0.01	27.3	1.68	4.84	0.5	2	0.30	2.0
N831902		0.30	<0.01	0.41	0.13	58	20	0.29	0.02	34.5	2.03	2.97	0.6	2	0.08	2.1
N831903		0.23	<0.01	0.04	0.10	40	10	0.42	0.01	36.5	0.29	1.69	0.5	2	0.06	1.5
N831904		0.32	<0.01	0.05	0.10	56	10	0.48	0.01	37.6	0.21	3.25	0.3	2	0.05	1.3
N831905		0.32	<0.01	0.06	0.14	255	40	0.25	0.01	35.8	0.29	3.04	0.5	7	0.11	2.2
N831906		0.23	<0.01	0.34	0.24	107	20	0.35	0.02	34.7	0.39	2.05	0.4	3	0.14	5.7
N831907		0.33	<0.01	0.03	2.31	28.3	180	0.47	0.04	2.06	0.46	39.8	5.4	16	0.46	6.6
N831908		0.35	<0.01	0.03	2.81	4.6	500	0.62	0.06	2.38	0.61	27.9	7.0	38	1.43	13.4
N831909		0.28	<0.01	0.03	2.95	7.3	1180	0.59	0.06	1.83	0.61	26.6	7.3	36	1.21	11.7
N831910		0.26	<0.01	0.04	0.17	1.8	190	<0.05	0.02	7.47	0.25	2.23	0.5	40	0.20	2.9
N831911		0.26	<0.01	0.05	0.15	<5	80	0.05	0.02	35.3	62.8	2.56	0.9	6	0.18	3.1
N831912		0.31	<0.01	0.17	0.11	22	40	0.09	0.01	35.6	0.68	2.10	0.3	5	0.08	1.4
N831913		0.28	0.01	1.29	0.83	297	160	0.45	0.03	33.3	7.69	11.50	2.7	14	0.63	4.2
N831914		0.29	0.01	0.19	0.28	53	60	0.24	0.01	35.7	0.70	3.25	0.9	7	0.21	1.9
N831915		0.22	0.01	0.04	0.13	41	20	0.23	0.01	36.6	0.30	3.64	0.5	3	0.08	1.4
N831916		0.32	<0.01	0.05	0.08	15	40	0.19	0.01	34.0	0.23	2.11	0.4	2	0.06	0.9
N831917		0.15	<0.01	0.09	0.30	47	80	0.37	0.01	26.5	0.60	3.24	1.1	4	0.17	1.9

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description / Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N830739	0.53	5.78	<0.05	0.1	>100	0.011	0.05	0.7	42.7	0.10	187	0.24	0.01	0.2	12.0
N830740	1.24	4.70	0.08	1.0	0.28	0.018	0.37	12.8	32.0	0.10	58	21.4	0.02	5.9	43.7
N830741	0.09	0.19	0.06	<0.1	1.2	0.019	0.01	1.5	1.3	0.27	225	0.89	0.01	0.1	1.7
N830742	0.95	1.25	<0.05	0.2	0.06	0.008	0.16	5.6	16.9	0.38	143	19.70	0.01	1.1	59.1
N830743	0.65	5.61	0.10	0.7	1.27	0.012	0.69	10.1	22.7	0.13	58	4.57	0.02	3.4	12.2
N830744	0.42	4.63	0.13	0.6	0.47	0.008	0.74	7.6	13.2	0.10	41	3.38	0.02	2.8	11.1
N830745	0.84	8.65	0.19	1.5	1.11	0.010	1.27	19.2	10.0	0.25	21	31.8	0.03	6.5	15.1
N830746	0.42	5.81	0.09	0.9	0.65	0.014	0.81	9.7	14.8	0.13	41	3.02	0.01	3.7	13.9
N830747	1.01	3.86	0.10	0.6	0.59	0.006	0.56	6.5	20.8	0.07	97	5.67	0.01	2.3	10.4
N830748	0.65	5.18	0.10	0.7	0.35	0.022	0.65	9.2	14.2	0.12	34	8.73	0.02	3.2	13.1
N830749	0.26	0.25	0.06	0.1	0.04	0.015	0.03	2.2	3.4	0.23	49	2.59	0.02	0.2	8.2
N830750	1.52	5.52	0.09	0.9	0.16	0.020	0.65	8.5	31.6	0.14	68	2.38	0.03	3.5	18.1
K311451	1.59	5.57	0.06	0.9	0.18	0.023	0.64	9.0	53.8	0.15	73	3.35	0.05	3.9	18.4
K311452	1.98	4.73	0.05	1.0	0.21	0.069	0.67	7.7	14.9	0.14	86	3.55	0.15	3.6	18.0
K311453	1.48	4.06	0.05	2.2	0.05	0.013	0.39	15.9	9.7	0.04	174	0.76	0.18	2.0	6.7
K311454	1.44	7.40	0.10	1.2	0.04	0.037	0.78	14.1	18.9	0.12	69	3.72	0.03	7.7	193.0
K311455	1.03	6.80	0.09	1.2	0.07	0.024	0.69	12.9	13.2	0.11	45	2.92	0.03	7.3	24.0
K311456	1.32	7.59	0.07	1.3	0.12	0.020	0.83	12.8	10.2	0.14	37	3.17	0.10	7.2	10.5
K311457	0.75	23.5	<0.05	0.1	>100	0.111	0.06	1.4	21.1	0.09	371	0.15	0.01	0.3	10.3
N831197	0.09	0.30	0.20	<0.1	1.8	<0.005	0.02	1.4	0.7	9.45	70	0.23	0.02	0.1	1.8
N831198	0.09	0.46	0.13	<0.1	1.6	0.009	0.05	1.1	1.3	0.16	269	0.88	0.01	0.2	1.3
N831199	0.21	0.82	0.09	0.2	2.29	0.005	0.09	2.8	1.4	0.15	439	0.26	0.01	0.6	1.1
N831200	0.09	0.51	0.21	0.1	2.32	<0.005	0.05	1.7	0.8	5.19	283	0.15	0.01	0.2	0.7
N831901	0.10	0.65	0.20	0.1	1.18	0.005	0.08	2.1	1.1	8.15	130	0.15	0.01	0.2	0.8
N831902	0.11	0.46	0.21	<0.1	2.3	<0.005	0.05	1.0	0.6	1.73	230	0.28	0.01	0.2	0.7
N831903	0.07	0.33	0.14	0.1	0.5	<0.005	0.03	0.8	0.6	0.34	446	0.12	0.01	0.2	1.2
N831904	0.07	0.37	0.18	<0.1	0.6	0.005	0.03	1.4	0.5	0.66	501	0.10	<0.01	0.1	0.7
N831905	0.26	0.41	0.10	0.1	7.6	<0.005	0.03	1.7	0.7	0.12	476	0.11	0.01	0.2	1.6
N831906	0.07	0.58	0.11	0.1	1.54	0.005	0.03	1.0	2.5	1.55	531	0.15	0.01	0.2	1.9
N831907	2.56	5.56	0.10	3.7	0.07	0.029	0.73	18.2	9.2	0.13	1380	0.95	0.35	3.8	11.5
N831908	2.74	6.46	0.07	1.7	0.12	0.030	0.62	11.9	34.4	0.63	1850	0.57	0.41	5.4	21.7
N831909	2.79	6.53	0.10	1.5	0.02	0.032	0.62	11.8	38.3	0.44	1580	0.74	0.40	5.2	23.0
N831910	0.33	0.44	0.07	0.1	0.10	0.005	0.05	3.8	5.3	0.06	93	0.39	0.02	0.3	7.8
N831911	0.11	0.42	0.09	0.1	<0.1	0.005	0.05	3.8	1.5	0.12	206	0.15	0.01	0.3	61.5
N831912	0.08	0.36	0.09	0.1	1.4	<0.005	0.03	1.3	0.7	0.25	352	0.30	<0.01	0.2	1.0
N831913	0.50	2.20	0.06	0.4	21.6	0.007	0.25	7.9	3.2	0.12	462	1.28	0.01	1.6	5.5
N831914	0.14	0.76	0.07	0.1	3.77	0.006	0.09	2.1	1.1	0.29	404	0.57	0.01	0.5	3.3
N831915	0.09	0.43	0.09	0.1	2.6	<0.005	0.03	2.1	0.6	0.55	446	0.14	0.01	0.1	1.3
N831916	0.05	0.28	0.14	<0.1	0.66	0.007	0.03	1.1	0.5	3.01	152	0.10	0.01	0.1	1.0
N831917	0.15	0.89	0.28	0.1	1.85	<0.005	0.12	1.7	1.3	9.80	175	0.33	0.02	0.5	2.7

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To: ATAC RESOURCES LTD.
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Finalized Date: 18-JUN-2013
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CERTIFICATE OF ANALYSIS WH13102982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N830739		360	5660	1.7	<0.002	1.01	60.2	1.0	1	0.2	24.9	<0.05	<0.05	0.2	0.007	0.03
N830740		640	17.1	21.1	0.012	0.08	9.31	3.4	5	0.6	52.1	0.34	0.15	2.7	0.113	2.47
N830741		40	17.3	0.6	<0.002	0.01	0.68	0.7	2	<0.2	1340	<0.05	<0.05	<0.2	<0.005	0.06
N830742		580	5.6	7.8	0.006	0.05	4.99	3.4	6	0.4	279	0.05	<0.05	1.1	0.025	1.37
N830743		240	21.9	34.9	0.026	0.08	4.52	3.2	4	0.7	71.7	0.23	0.05	2.5	0.100	1.08
N830744		90	14.0	33.4	0.019	0.10	4.38	2.1	4	0.6	22.8	0.18	<0.05	2.0	0.084	1.14
N830745		90	60.2	67.3	0.047	0.23	43.8	5.6	37	1.2	29.0	0.43	0.12	4.8	0.186	4.05
N830746		70	12.1	40.5	0.027	0.12	7.17	3.1	4	0.8	18.8	0.25	<0.05	2.5	0.107	1.32
N830747		80	14.7	24.8	0.032	0.06	7.08	1.9	4	0.6	13.4	0.14	0.09	1.7	0.068	0.52
N830748		150	18.3	34.5	0.011	0.18	6.85	3.2	7	0.6	41.4	0.21	0.09	2.6	0.091	1.69
N830749		120	1.7	1.2	0.004	0.03	0.53	0.2	2	0.2	133.5	<0.05	<0.05	<0.2	<0.005	0.11
N830750		280	12.7	32.6	0.002	0.11	3.42	3.1	3	0.7	44.5	0.22	<0.05	2.2	0.090	0.32
K311451		350	8.1	31.1	0.002	0.08	3.58	2.6	4	0.7	92.7	0.25	0.06	2.3	0.099	0.23
K311452		280	25.0	30.0	<0.002	0.40	7.71	2.9	9	0.7	51.7	0.23	0.06	2.0	0.091	0.37
K311453		120	6.6	18.7	<0.002	0.01	0.67	1.3	2	0.5	16.2	0.20	0.06	6.8	0.081	0.11
K311454		1440	4.3	35.8	0.002	0.14	2.05	9.3	2	0.9	121.0	0.50	0.07	4.3	0.115	0.31
K311455		580	5.6	33.2	0.002	0.08	2.16	3.1	4	0.9	67.9	0.45	<0.05	3.5	0.111	0.37
K311456		320	8.8	40.8	0.002	0.32	2.63	3.5	4	1.0	41.2	0.46	0.06	3.0	0.115	0.70
K311457		170	>10000	2.6	<0.002	3.41	231	2.2	4	0.5	132.0	<0.05	<0.05	0.3	0.012	0.05
N831197		50	11.8	0.8	<0.002	0.01	0.45	0.2	1	<0.2	155.0	<0.05	<0.05	<0.2	0.005	0.02
N831198		60	29.2	1.8	0.019	0.03	0.75	2.3	2	<0.2	69.6	<0.05	<0.05	0.3	0.006	0.31
N831199		80	59.3	3.7	<0.002	0.02	1.45	2.8	2	0.2	44.1	<0.05	<0.05	0.6	0.019	0.29
N831200		80	4.3	2.1	<0.002	<0.01	0.42	0.4	2	<0.2	31.0	<0.05	<0.05	0.3	0.007	0.18
N831901		90	5.4	3.2	<0.002	0.01	0.75	0.4	1	<0.2	139.5	<0.05	<0.05	0.3	0.008	0.11
N831902		70	121.5	1.8	0.002	0.05	4.44	0.9	2	<0.2	120.5	<0.05	<0.05	0.2	0.005	0.81
N831903		30	2.2	1.3	<0.002	0.01	0.30	1.8	1	<0.2	18.0	<0.05	<0.05	0.2	0.005	0.16
N831904		70	21.8	1.2	<0.002	0.02	0.49	2.4	2	<0.2	26.4	<0.05	<0.05	0.2	<0.005	0.88
N831905		50	5.2	1.3	0.002	0.05	1.09	2.8	2	<0.2	27.5	<0.05	<0.05	0.3	0.007	2.18
N831906		30	212	1.4	<0.002	0.02	5.68	3.2	<1	0.2	42.9	<0.05	0.06	0.3	0.008	0.65
N831907		250	20.8	31.5	<0.002	<0.01	0.34	4.0	<1	0.6	23.4	0.35	<0.05	11.0	0.118	0.23
N831908		780	6.3	34.7	0.002	0.21	0.42	6.7	1	0.9	38.4	0.41	<0.05	4.9	0.211	0.21
N831909		640	5.2	32.9	0.002	0.10	0.44	6.4	<1	0.9	35.5	0.41	0.06	4.8	0.209	0.22
N831910		140	2.3	2.5	<0.002	0.01	0.27	0.4	<1	0.2	79.6	<0.05	0.08	0.3	0.009	0.02
N831911		490	1.7	2.5	<0.002	<0.01	0.25	0.6	<1	<0.2	93.2	<0.05	<0.05	0.3	0.009	0.02
N831912		50	17.5	1.4	<0.002	<0.01	0.76	1.3	1	<0.2	22.4	<0.05	<0.05	0.3	0.007	0.07
N831913		270	112.5	9.6	0.002	0.05	6.45	2.4	2	0.4	81.2	0.10	0.06	1.3	0.043	1.17
N831914		110	16.4	3.6	0.009	0.02	0.83	2.4	1	0.2	30.7	<0.05	<0.05	0.4	0.014	0.34
N831915		30	2.4	1.4	<0.002	0.01	0.28	2.5	1	<0.2	16.5	<0.05	<0.05	0.2	0.005	0.56
N831916		40	24.6	1.0	0.003	<0.01	0.51	0.3	<1	<0.2	122.0	<0.05	<0.05	<0.2	<0.005	0.05
N831917		100	12.9	4.4	<0.002	<0.01	1.27	0.7	1	<0.2	57.3	<0.05	<0.05	0.5	0.016	0.15

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	Hg-CV42 Hg ppm 0.1
N830739		0.7	8	<0.1	2.5	>10000	2.1		4.30	170.5
N830740		11.2	601	0.5	31.5	279	38.9			
N830741		0.2	15	0.1	20.3	130	1.3			
N830742		2.6	127	0.3	20.7	656	9.9			
N830743		3.8	541	0.7	6.3	94	25.7			
N830744		2.2	520	0.7	5.7	16	23.3			
N830745		4.2	808	1.8	8.1	14	52.3			
N830746		3.0	669	0.9	6.7	19	29.7			
N830747		1.9	401	0.4	4.1	45	19.3			
N830748		3.2	542	0.6	10.6	29	24.6			
N830749		1.6	45	<0.1	3.8	28	5.1			
N830750		1.1	93	0.6	4.9	78	31.5			
K311451		1.2	91	0.6	6.8	67	34.4			
K311452		1.0	80	0.6	5.3	72	31.9			
K311453		0.9	17	0.3	3.9	20	61.0			
K311454		11.7	290	0.7	14.2	171	49.7			
K311455		1.9	213	0.5	11.2	150	45.9			
K311456		1.3	230	0.6	8.7	38	47.8			
K311457		1.0	11	0.1	8.3	>10000	4.7	1.035	15.60	707
N831197		2.3	7	0.2	1.6	296	1.8			
N831198		4.3	12	0.3	3.4	407	2.1			
N831199		3.7	20	0.9	6.6	136	5.9			
N831200		1.5	5	0.3	2.6	199	6.7			
N831901		1.2	3	0.2	2.5	241	2.6			
N831902		3.6	11	0.3	5.9	331	2.1			
N831903		3.6	14	0.2	4.8	17	2.1			
N831904		2.7	19	0.3	7.3	37	1.9			
N831905		6.1	24	0.4	8.7	67	3.1			
N831906		3.8	20	0.8	7.0	45	2.8			
N831907		2.0	18	0.4	13.5	70	120.5			
N831908		1.4	42	0.7	16.5	188	56.4			
N831909		1.3	51	0.7	13.3	175	49.7			
N831910		0.4	8	0.1	5.8	73	2.8			
N831911		2.6	8	0.1	8.8	805	2.9			
N831912		3.1	13	0.3	4.0	33	2.5			
N831913		4.2	25	2.0	11.2	686	12.9			
N831914		5.5	22	0.6	5.4	63	5.3			
N831915		2.9	20	0.2	6.3	27	3.2			
N831916		4.2	12	0.2	2.5	19	1.8			
N831917		1.5	11	0.3	2.6	85	4.8			

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831918		0.46	<0.01	0.53	0.29	57	40	0.43	0.02	38.6	0.88	4.86	0.9	6	0.20	1.5
N831919		0.37	<0.01	0.03	3.09	15.9	180	0.65	0.12	6.22	0.17	32.5	8.4	34	1.30	30.9
N831920		0.43	<0.01	0.04	5.88	4.9	360	1.57	0.20	0.25	0.26	65.3	12.6	60	3.80	24.8
N831921		0.21	<0.01	0.03	4.01	7.3	220	1.02	0.17	0.20	1.53	51.3	12.0	30	2.50	21.4
N831922		0.36	<0.01	0.07	6.68	3.6	100	1.00	0.23	3.26	0.35	47.3	34.5	84	3.50	135.5
N831923		0.46	<0.01	0.08	6.97	3.4	200	1.12	0.20	3.46	0.30	44.5	36.2	76	2.62	180.0
N831924		0.66	<0.01	0.09	6.66	6.3	670	1.24	0.19	6.16	0.34	49.6	30.8	71	3.43	191.0
N831925		0.42	<0.01	0.02	0.89	6	110	0.26	0.02	19.05	0.93	6.80	20.6	11	0.41	12.4
N831926		0.16	<0.01	0.06	4.18	85.5	120	0.56	0.11	8.58	0.26	26.7	25.7	46	1.47	150.0
N831927		0.40	<0.01	0.06	5.29	75.3	120	0.86	0.12	6.40	0.46	31.1	30.3	63	2.25	114.0
N831928		0.56	<0.01	0.06	3.44	50.0	940	0.54	0.13	8.03	0.41	61.1	13.6	26	2.64	39.5
N831929		0.63	<0.01	0.27	1.97	55.7	910	0.63	0.03	0.04	0.47	7.16	0.5	25	0.53	38.2
N831930		1.02	<0.01	0.64	2.89	60.7	1220	1.75	0.06	0.12	3.11	18.40	0.7	46	0.98	99.2
N831931		0.75	<0.01	0.47	2.32	26.2	1580	1.41	0.06	0.06	2.47	13.80	1.0	32	0.96	206
N831932		0.22	<0.01	0.15	1.29	14.1	920	0.72	0.06	0.04	2.35	13.65	0.8	44	0.95	39.8
N831933		0.33	<0.01	0.19	0.16	6	1400	0.23	0.02	11.05	2.41	6.62	0.8	11	0.57	5.2
N831934		0.15	<0.01	0.41	1.51	47.3	410	0.65	0.06	0.03	1.45	14.15	2.0	60	1.93	70.6
N831935		0.15	<0.01	1.16	1.67	29.4	1420	0.62	0.06	0.08	1.72	13.20	1.7	67	3.26	28.1
N831936		0.41	<0.01	1.45	2.07	10.6	1200	0.60	0.08	0.02	0.18	18.05	0.3	95	3.93	4.8
N831937		0.27	<0.01	1.75	2.81	8.4	4510	1.12	0.11	0.02	0.28	24.5	0.3	127	5.58	3.9
N831938		0.40	<0.01	1.36	1.81	22.3	2140	0.86	0.08	0.04	2.62	21.8	1.4	88	2.43	57.3
N831939		0.57	<0.01	1.10	1.61	16.8	3460	0.57	0.07	0.02	0.79	23.6	0.8	102	2.00	125.0
N831940		0.45	<0.01	0.65	2.09	13.1	450	0.43	0.08	0.02	0.12	15.95	0.2	41	1.59	7.4
N831941		0.49	<0.01	1.32	3.28	42.4	1350	1.04	0.17	0.02	0.07	28.0	0.3	56	5.88	2.9
N831942		0.62	<0.01	0.09	0.16	<5	330	0.17	0.01	16.85	0.88	3.39	0.7	14	0.31	8.2
N831943		0.26	<0.01	1.01	2.10	22.8	2470	0.67	0.07	0.62	0.18	18.75	2.3	61	2.78	15.5
N831944		0.43	<0.01	0.24	0.87	5.6	3350	0.27	0.04	0.03	0.10	9.09	0.2	24	1.31	10.4
N831945		0.35	<0.01	1.42	2.45	9.7	410	1.16	0.08	0.12	1.06	28.8	2.8	79	3.28	28.7
N831946		0.20	<0.01	0.17	2.12	63.6	1220	0.62	0.03	0.05	0.19	12.10	0.8	36	0.50	27.0
N831947		0.65	<0.01	2.10	2.30	6.3	1510	0.74	0.07	0.02	0.43	23.6	1.2	71	3.72	11.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831918		0.14	0.79	0.24	0.1	2.5	0.007	0.08	3.0	1.3	0.23	500	0.32	0.01	0.5	1.4
N831919		3.14	7.68	0.12	1.7	0.06	0.035	0.71	15.5	26.0	0.87	1260	0.34	0.51	5.1	16.8
N831920		3.45	15.35	0.17	3.1	0.03	0.049	2.06	33.3	55.3	0.91	761	0.28	0.51	9.0	28.1
N831921		2.24	10.30	0.15	1.8	0.03	0.048	1.52	24.5	18.6	0.33	2090	0.50	0.24	6.1	14.4
N831922		7.05	18.15	0.10	2.3	0.03	0.083	1.42	23.3	47.7	2.38	1080	0.40	1.21	9.1	61.3
N831923		7.82	19.10	0.09	2.2	0.07	0.094	1.18	21.1	50.0	3.60	793	0.33	1.28	11.3	59.9
N831924		7.19	18.55	0.10	2.8	0.06	0.093	1.31	22.6	45.4	3.21	1130	0.24	1.11	11.0	52.1
N831925		6.64	2.54	<0.05	0.4	0.63	0.021	0.08	2.8	11.9	8.32	2020	0.23	0.03	1.4	27.1
N831926		6.43	11.65	0.06	1.9	0.95	0.063	0.51	11.8	43.7	4.18	940	0.26	0.04	6.3	53.0
N831927		6.83	14.85	0.05	2.2	0.58	0.076	0.32	13.6	120.0	3.68	1780	0.26	0.04	7.4	45.5
N831928		2.71	9.06	0.10	1.5	0.71	0.050	0.85	25.9	37.3	3.99	2090	1.44	0.04	4.7	19.6
N831929		0.88	1.87	0.07	0.3	0.03	0.010	0.35	4.2	8.2	0.04	58	22.3	0.01	0.7	94.9
N831930		1.08	3.22	0.11	0.6	0.05	0.019	0.54	12.6	7.7	0.06	52	22.9	0.01	1.3	48.7
N831931		2.34	3.19	0.05	0.5	0.04	0.009	0.55	8.8	6.8	0.07	51	66.7	0.01	1.2	55.4
N831932		1.21	2.92	0.06	0.7	0.08	0.021	0.28	11.0	15.7	0.07	58	29.5	0.02	3.9	53.9
N831933		0.27	0.58	0.06	<0.1	0.02	0.008	0.04	8.9	13.6	0.53	59	2.27	0.02	0.3	17.7
N831934		1.87	4.04	0.07	0.7	0.08	0.028	0.52	11.5	49.2	0.08	76	37.1	0.01	3.6	72.0
N831935		1.78	4.43	0.06	0.8	0.18	0.026	0.38	10.3	24.5	0.10	92	67.8	0.06	4.2	42.5
N831936		0.58	4.41	0.11	1.1	0.20	0.013	0.61	15.1	39.3	0.12	40	26.7	0.02	5.5	20.9
N831937		0.45	7.13	0.15	1.3	0.24	0.016	1.01	20.3	23.2	0.22	34	9.28	0.03	6.8	26.2
N831938		2.24	4.67	0.13	0.9	0.12	0.035	0.55	19.6	25.5	0.11	55	26.0	0.02	4.4	52.5
N831939		2.23	3.37	0.11	0.7	0.11	0.024	0.50	23.0	22.8	0.07	45	20.8	0.01	3.6	32.5
N831940		0.57	4.93	0.07	0.8	0.75	0.010	0.81	9.9	19.7	0.10	48	11.90	0.01	3.3	9.1
N831941		0.58	8.45	0.14	1.5	1.14	0.014	1.25	16.9	11.8	0.25	19	61.2	0.03	6.4	16.2
N831942		0.24	0.34	<0.05	0.1	<0.1	0.014	0.05	5.2	2.8	0.16	60	6.78	0.03	0.4	15.9
N831943		1.85	6.19	0.10	1.0	0.21	0.019	0.79	10.0	51.7	0.18	93	4.51	0.07	4.5	15.3
N831944		0.55	2.67	0.10	0.4	0.07	0.017	0.34	5.5	4.1	0.08	13	1.87	0.05	3.0	3.9
N831945		1.91	7.38	0.06	1.3	0.09	0.028	0.93	14.3	15.6	0.13	78	3.26	0.43	8.6	35.2
N831946		1.22	3.20	0.09	0.5	0.03	0.043	0.46	6.2	35.3	0.05	91	1.68	0.03	3.0	89.7
N831947		1.21	6.64	0.09	1.2	0.16	0.016	0.81	13.4	16.4	0.12	46	2.96	0.42	7.6	16.4

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Finalized Date: 18-JUN-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831918		80	134.5	3.2	0.002	0.01	4.63	4.3	1	<0.2	26.1	<0.05	0.05	0.5	0.014	0.42
N831919		290	10.3	35.0	<0.002	0.02	0.40	8.2	1	0.9	126.5	0.38	0.11	5.6	0.260	0.21
N831920		290	13.9	99.9	<0.002	0.01	0.57	10.9	1	1.7	41.6	0.72	0.07	12.2	0.362	0.51
N831921		270	7.7	65.3	0.003	0.02	0.52	7.5	1	1.5	11.6	0.49	0.05	6.7	0.218	0.37
N831922		530	6.2	63.7	<0.002	0.05	0.39	25.7	2	1.8	42.7	0.69	0.16	5.6	0.686	0.33
N831923		660	10.9	51.9	0.002	0.20	0.45	27.8	2	1.8	56.9	0.79	0.24	4.4	0.786	0.29
N831924		660	10.3	56.2	0.003	0.20	0.38	27.3	1	2.0	103.0	0.75	0.24	4.5	0.750	0.31
N831925		110	10.2	3.6	<0.002	<0.01	0.25	5.3	1	0.3	278	0.09	<0.05	0.7	0.103	0.02
N831926		370	7.1	23.7	<0.002	0.01	0.45	18.2	1	1.1	488	0.45	0.20	3.1	0.450	0.21
N831927		420	9.3	15.9	0.002	0.12	0.39	22.2	1	1.2	444	0.53	0.15	3.3	0.585	0.32
N831928		260	6.4	38.0	0.010	0.09	0.40	10.2	1	1.1	240	0.36	0.07	4.7	0.213	0.33
N831929		1460	1.9	15.6	0.030	0.04	13.05	3.5	2	0.3	100.5	0.05	<0.05	1.1	0.025	0.09
N831930		2720	3.5	24.9	0.044	0.07	16.65	7.8	2	0.3	217	0.09	0.12	2.6	0.046	0.38
N831931		1390	5.2	26.6	0.015	0.06	13.90	3.7	7	0.3	196.0	0.08	0.09	2.3	0.040	0.61
N831932		560	5.3	15.6	0.096	0.09	7.03	3.0	7	0.5	30.1	0.25	0.13	1.9	0.074	0.98
N831933		1350	1.1	2.3	0.022	0.08	2.71	0.6	2	0.2	405	<0.05	0.10	0.4	0.008	0.54
N831934		410	53.1	26.5	0.012	0.08	28.9	3.6	11	0.5	22.5	0.22	0.16	2.1	0.085	0.90
N831935		810	5.4	22.7	0.115	0.14	21.9	3.6	13	0.7	33.6	0.26	0.14	2.6	0.100	2.18
N831936		420	5.0	33.9	0.070	0.19	15.30	3.1	15	0.6	42.4	0.35	0.15	3.0	0.127	1.81
N831937		180	8.5	54.9	0.100	0.31	13.80	4.9	7	0.8	25.3	0.44	0.14	3.5	0.168	2.42
N831938		1350	4.8	28.9	0.014	0.13	15.75	3.7	11	0.6	94.7	0.28	0.18	2.7	0.104	2.06
N831939		2000	4.6	24.6	0.069	0.10	16.10	4.1	25	0.5	262	0.24	0.16	2.5	0.085	0.58
N831940		70	32.8	35.4	0.018	0.08	9.53	3.1	9	0.6	15.9	0.22	0.06	2.5	0.098	1.37
N831941		70	98.3	64.2	0.041	0.19	33.2	5.5	20	1.2	29.5	0.44	0.20	4.8	0.184	5.77
N831942		250	2.2	2.3	0.007	0.07	0.93	0.8	1	<0.2	150.0	<0.05	<0.05	0.2	0.009	0.18
N831943		380	21.2	35.6	0.002	0.22	8.36	3.2	5	0.8	120.5	0.31	<0.05	2.4	0.122	0.70
N831944		230	2.2	16.9	0.002	0.09	1.32	1.7	1	0.4	706	0.18	<0.05	1.1	0.063	0.15
N831945		480	7.0	40.2	<0.002	1.48	2.99	4.2	4	1.0	57.6	0.53	0.06	3.6	0.147	0.48
N831946		790	2.1	15.1	<0.002	0.15	1.30	6.6	<1	0.4	167.5	0.19	<0.05	1.8	0.054	0.26
N831947		170	8.1	36.0	0.002	0.73	3.14	3.0	3	1.0	34.0	0.48	0.05	2.5	0.125	0.38

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Pb- OG62 Pb % 0.001	Zn- OG62 Zn % 0.001	Hg- CV42 Hg ppm 0.1
N831918		5.6	26	0.6	10.0	91	5.3			
N831919		1.3	68	0.5	11.7	41	56.2			
N831920		2.1	90	1.1	13.2	82	103.5			
N831921		1.7	56	0.8	14.0	105	57.1			
N831922		1.2	220	0.8	19.3	106	69.9			
N831923		1.1	240	0.6	21.9	105	73.9			
N831924		1.2	234	0.6	26.7	98	111.5			
N831925		0.3	73	0.1	10.7	88	15.3			
N831926		0.8	210	0.4	15.7	91	64.9			
N831927		0.9	201	0.5	21.6	89	73.9			
N831928		1.1	83	0.5	18.5	40	46.6			
N831929		12.9	507	0.2	8.3	62	13.7			
N831930		30.9	994	0.2	23.8	101	22.8			
N831931		15.4	1020	0.3	25.3	194	19.7			
N831932		9.2	374	0.4	19.3	272	28.6			
N831933		4.4	46	0.1	14.8	93	7.0			
N831934		6.4	696	0.4	14.9	376	27.0			
N831935		6.8	860	0.5	15.4	255	33.8			
N831936		5.1	757	0.5	10.9	21	38.8			
N831937		6.5	1040	0.6	12.8	15	53.3			
N831938		6.9	394	0.4	23.4	304	35.4			
N831939		11.2	500	0.4	21.1	132	28.5			
N831940		2.8	409	1.0	5.4	18	26.5			
N831941		4.7	819	1.0	8.4	5	53.6			
N831942		5.8	115	0.2	9.1	44	6.7			
N831943		1.2	121	0.6	7.4	51	39.7			
N831944		2.8	121	0.3	3.4	24	19.7			
N831945		2.4	250	0.7	13.9	125	45.3			
N831946		4.4	154	0.4	4.3	51	20.6			
N831947		1.4	229	0.6	7.6	22	50.3			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102982

	CERTIFICATE COMMENTS
Applies to Method:	

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 20-JUN-2013
Account: RCM

CERTIFICATE WH13110434

Project: Nadaleen

P.O. No.: R13-02

This report is for 1 Rock sample submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110434

Sample Description	Method Analyte Units LOR	Ba-XRF10 Ba % 0.01
N830735		1.24

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 20-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110434

	CERTIFICATE COMMENTS
Applies to Method:	

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CERTIFICATE WH13104916

Project: Nadaleen
P.O. No.: R13-03
This report is for 75 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85%<75 um
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104916

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831948		0.24	0.01	0.07	0.46	5.6	370	0.20	0.05	0.03	0.09	5.24	1.5	18	0.44	15.0
N831949		0.27	<0.01	0.04	0.17	2.3	130	0.06	0.04	0.01	0.03	1.77	0.6	19	0.17	4.1
N831950		0.27	0.01	1.13	2.65	47.1	3030	0.88	0.14	0.02	0.06	28.7	2.1	70	5.02	14.8
L862501		0.23	0.01	0.78	5.89	11.6	2770	2.02	0.29	0.04	0.13	64.9	5.9	96	12.65	50.3
L862502		0.23	0.01	0.28	3.45	7.7	1940	2.40	0.16	0.02	4.24	45.3	19.6	49	5.82	58.0
L862503		0.22	<0.01	1.12	2.71	19.0	3770	1.08	0.09	0.02	0.06	32.4	0.4	64	1.98	11.7
L862504		0.18	0.01	0.85	3.66	10.9	3210	1.85	0.18	0.04	0.07	53.2	0.6	99	4.74	11.9
L862505		0.43	<0.01	1.90	2.12	24.9	2650	1.21	0.08	0.03	0.10	23.5	1.7	69	2.85	34.7
L862506		0.37	<0.01	1.44	2.13	15.7	3660	1.08	0.08	0.02	0.05	22.6	0.6	66	2.33	15.1
L862507		0.21	<0.01	1.71	2.00	8.4	2420	0.94	0.09	0.02	0.07	23.1	1.0	64	3.18	9.1
L862508		0.23	<0.01	0.72	1.40	45.2	3020	0.37	0.06	0.02	0.07	18.90	0.3	39	1.11	8.3
L862509		0.18	<0.01	0.73	2.42	15.8	4190	0.93	0.09	0.02	0.06	41.7	0.4	60	2.54	7.8
L862510		0.40	<0.01	1.16	2.43	10.0	3390	0.91	0.09	0.01	0.03	42.5	0.3	62	2.89	5.4
L862511		0.40	0.01	1.29	3.02	14.6	3070	1.28	0.10	0.01	0.04	43.8	0.4	73	3.53	10.3
L862512		0.24	<0.01	1.70	2.32	26.5	3480	1.01	0.08	0.02	0.05	26.3	0.4	69	2.52	16.0
L862513		0.13	<0.01	1.83	2.03	12.3	3400	1.03	0.07	0.02	0.11	23.7	1.0	58	2.10	49.3
L862514		0.31	<0.01	1.37	2.53	11.6	2910	1.13	0.10	0.02	0.02	36.9	0.4	74	2.13	7.2
L862515		0.40	<0.01	1.05	1.79	11.6	1830	0.83	0.07	0.03	0.07	19.30	0.8	64	2.00	11.5
L862516		0.36	<0.01	1.08	2.43	45.8	2240	1.12	0.07	0.02	0.06	27.2	0.6	63	3.24	18.8
L862517		0.12	<0.01	0.15	4.29	15.1	580	1.02	0.11	0.13	0.58	43.1	17.1	91	1.85	11.8
L862518		0.21	0.02	0.67	2.79	6.3	2950	0.81	0.44	0.02	0.06	32.5	0.3	50	4.94	7.4
L862519		0.18	<0.01	0.10	2.85	3.3	2620	0.69	0.15	0.02	0.08	22.7	0.5	28	4.30	11.3
L862520		0.25	<0.01	0.08	1.88	12.8	1340	0.48	0.14	0.03	0.09	19.85	0.4	33	2.91	5.5
L862521		0.23	<0.01	0.06	4.61	158.5	760	0.72	0.12	0.65	1.14	34.3	34.7	101	0.42	104.0
L862522		0.29	<0.01	1.69	2.42	9.8	2350	0.97	0.08	0.01	0.12	32.5	0.8	73	2.99	18.4
L862523		0.24	<0.01	0.14	0.25	6.4	1640	0.24	0.01	0.02	0.06	1.46	0.2	14	0.48	4.1
L862524		0.52	<0.01	0.34	1.53	50	5320	0.94	0.02	11.20	17.15	26.1	15.0	25	0.95	31.3
L862525		0.59	<0.01	0.04	0.36	7.0	3310	0.10	0.02	0.01	0.09	1.74	0.4	4	0.67	3.3
L862526		0.27	<0.01	1.47	4.53	20.0	3200	1.83	0.22	0.06	0.28	57.5	1.8	115	8.83	26.8
L862527		0.24	0.01	1.17	4.57	19.1	3790	1.73	0.22	0.05	0.18	55.0	1.6	112	9.62	23.2
L862528		0.15	<0.01	0.89	5.42	11.9	2570	1.89	0.23	0.02	0.23	57.4	8.7	88	8.95	70.3
L862529		0.17	<0.01	1.14	2.09	41.4	2070	0.78	0.08	0.03	0.27	21.4	1.9	60	2.41	23.4
L862530		0.42	<0.01	0.31	1.01	5.0	4040	0.38	0.03	0.01	0.05	9.62	0.2	21	2.39	11.7
L862531		0.29	<0.01	1.01	1.64	24.9	3300	0.77	0.05	0.01	0.07	19.00	0.8	57	2.53	17.7
L862532		0.36	<0.01	1.34	4.51	35.2	3610	1.55	0.21	0.05	0.45	56.1	2.2	111	9.44	15.0
K311458		0.02	<0.01	0.08	2.00	5.8	760	0.58	0.07	0.02	0.67	17.35	10.0	35	1.02	49.2
K311459		0.13	<0.01	0.06	0.88	3.3	700	0.26	0.04	0.02	0.09	8.31	1.9	23	0.61	19.6
K311460		0.14	<0.01	0.99	1.79	72.3	3340	0.84	0.09	0.02	0.31	23.8	5.2	48	2.37	32.3
K311461		0.09	<0.01	0.04	0.63	3.4	400	0.20	0.04	0.01	0.10	6.00	1.8	19	0.52	13.1
K311462		0.16	<0.01	0.94	2.57	37.3	2790	0.90	0.11	0.03	0.08	30.5	3.1	69	3.64	38.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104916

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831948		1.16	1.29	0.05	0.2	0.03	0.006	0.16	2.7	18.6	0.04	66	0.79	0.03	1.3	11.7
N831949		0.56	0.44	<0.05	0.1	0.02	<0.005	0.05	0.9	14.2	0.02	46	0.34	0.02	0.5	3.8
N831950		1.78	8.63	0.11	1.5	0.27	0.029	1.19	15.7	18.1	0.22	36	5.83	0.17	7.1	27.0
L862501		2.35	17.45	0.16	2.9	0.25	0.059	2.65	36.8	28.6	0.51	43	4.42	0.32	16.2	36.3
L862502		29.0	9.36	0.22	1.4	0.08	0.035	1.38	22.7	13.9	0.44	2530	2.61	0.19	8.1	66.6
L862503		1.16	7.95	0.11	1.8	0.28	0.014	1.16	19.1	19.0	0.20	28	7.76	0.04	13.0	10.4
L862504		1.18	12.80	0.13	2.5	0.16	0.023	1.77	32.0	12.7	0.26	34	7.68	0.08	17.7	9.9
L862505		1.88	7.52	0.07	1.3	0.10	0.027	0.75	13.4	11.5	0.13	38	3.71	0.10	7.7	25.4
L862506		1.39	7.78	0.07	1.3	0.08	0.016	0.79	12.9	14.7	0.13	42	3.38	0.04	7.3	7.8
L862507		1.19	7.40	0.07	1.3	0.10	0.018	0.76	13.3	17.1	0.13	44	3.54	0.18	7.4	11.5
L862508		0.94	3.57	0.06	0.7	0.16	0.025	0.33	9.7	34.2	0.04	54	1.76	0.01	4.6	5.0
L862509		0.96	8.14	0.08	1.5	0.39	0.015	0.82	22.4	31.8	0.14	50	3.52	0.02	12.2	5.0
L862510		0.69	8.36	0.08	1.6	0.53	0.011	0.83	23.1	31.2	0.14	41	3.66	0.02	12.6	5.1
L862511		0.72	10.20	0.11	1.8	0.15	0.019	1.13	24.3	29.2	0.17	25	4.85	0.02	13.2	7.7
L862512		1.13	8.42	0.09	1.4	0.92	0.022	0.72	14.8	14.5	0.12	38	2.93	0.02	8.3	6.8
L862513		2.71	7.43	0.07	1.3	0.13	0.016	0.83	13.7	18.2	0.13	68	5.39	0.23	8.8	11.8
L862514		0.85	9.07	0.07	1.7	0.10	0.013	0.97	20.7	21.1	0.14	38	4.20	0.02	11.6	8.5
L862515		1.74	6.18	0.06	1.1	0.13	0.020	0.73	11.0	7.2	0.11	45	2.78	0.09	6.2	12.9
L862516		1.25	8.57	0.07	1.4	0.09	0.021	0.91	15.5	13.6	0.13	31	4.01	0.03	8.9	10.3
L862517		2.08	10.75	0.08	4.0	0.03	0.030	2.00	18.6	51.6	1.49	1330	1.58	1.17	8.0	14.7
L862518		0.76	8.18	0.09	1.3	0.27	0.037	0.80	18.2	29.7	0.16	21	1.38	0.04	3.9	3.8
L862519		0.84	7.98	0.07	1.1	0.05	0.032	0.83	12.2	17.7	0.17	25	0.75	0.08	3.2	6.3
L862520		0.84	5.01	0.06	1.0	0.06	0.023	0.52	10.7	27.3	0.11	29	1.86	0.04	2.6	5.7
L862521		6.68	13.30	0.12	1.9	8.31	0.060	0.16	14.1	84.1	0.32	1580	0.30	0.02	8.0	59.7
L862522		1.26	8.42	0.15	1.5	0.37	<0.005	0.83	19.1	15.6	0.14	40	3.61	0.03	8.8	9.8
L862523		0.16	1.01	0.11	0.1	0.10	<0.005	0.09	1.6	2.0	0.02	10	3.54	0.01	0.4	3.4
L862524		5.49	3.23	0.14	1.0	0.08	0.007	0.51	14.0	5.0	5.78	1850	1.29	0.01	4.6	96.0
L862525		0.20	1.05	0.05	0.1	0.09	<0.005	0.12	1.1	0.7	0.03	7	5.29	<0.01	0.7	7.2
L862526		2.27	15.60	0.17	2.8	0.35	0.048	2.35	35.5	18.1	0.38	35	9.69	0.12	18.6	22.2
L862527		2.03	15.70	0.13	2.8	0.31	0.036	2.31	34.1	16.6	0.38	31	9.63	0.21	18.7	22.7
L862528		2.28	16.45	0.18	2.8	0.31	0.050	2.38	32.1	28.0	0.46	94	5.10	0.10	14.7	50.0
L862529		1.38	7.07	0.09	1.3	0.21	0.017	0.71	11.9	29.6	0.14	68	5.48	0.03	4.8	10.5
L862530		0.46	3.73	0.07	0.6	0.08	0.009	0.34	5.9	4.8	0.09	5	2.01	<0.01	3.9	3.1
L862531		1.26	6.11	0.06	1.0	0.05	0.016	0.62	10.2	43.8	0.08	53	3.51	0.01	5.0	9.1
L862532		1.13	15.85	0.13	2.8	0.71	0.032	1.91	34.7	16.6	0.35	61	7.15	0.03	19.4	14.6
K311458		10.35	4.49	0.11	0.7	0.03	0.019	0.47	8.7	56.1	0.12	509	2.74	0.52	4.0	97.1
K311459		1.58	2.33	0.05	0.4	0.02	0.008	0.25	4.4	19.4	0.06	107	1.05	0.15	2.1	15.0
K311460		5.22	5.78	0.14	1.0	0.18	0.017	0.71	11.8	33.9	0.15	112	9.12	0.12	4.3	41.4
K311461		1.34	2.06	<0.05	0.3	0.01	0.005	0.21	3.2	29.2	0.04	120	0.68	0.07	1.5	11.6
K311462		2.48	8.47	0.12	1.3	0.20	0.025	1.09	17.8	30.5	0.20	70	7.22	0.12	6.7	34.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104916

Sample Description	Method / Analyte / Units / LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N831948		200	4.7	7.6	<0.002	0.01	0.81	1.5	2	0.3	129.5	0.07	<0.05	0.9	0.031	0.08
N831949		70	1.9	2.7	<0.002	<0.01	0.29	0.4	1	0.2	44.8	<0.05	<0.05	0.3	0.011	0.02
N831950		440	27.2	56.9	0.003	0.29	9.59	4.8	9	1.1	61.3	0.43	0.15	4.1	0.167	0.84
L862501		870	20.2	128.5	0.006	0.06	5.06	11.6	6	1.9	73.5	0.94	0.21	10.6	0.358	1.10
L862502		1260	10.4	68.9	0.005	0.07	2.25	14.4	4	1.0	41.7	0.47	0.12	5.6	0.186	0.72
L862503		440	9.0	48.6	0.006	0.18	4.39	4.6	7	0.9	92.2	0.78	0.15	3.7	0.181	0.54
L862504		390	10.4	79.1	0.005	0.18	4.75	6.1	7	1.5	74.7	0.98	0.21	6.0	0.274	0.78
L862505		550	8.7	34.9	0.005	0.22	3.71	4.7	4	0.9	77.1	0.44	0.10	3.4	0.112	0.36
L862506		570	7.3	35.4	0.003	0.27	3.41	3.2	4	0.9	105.0	0.43	0.11	3.4	0.108	0.42
L862507		350	8.0	35.6	0.004	0.36	3.30	2.9	5	1.1	116.5	0.45	0.11	3.2	0.115	0.41
L862508		490	3.9	14.7	<0.002	0.17	1.22	1.8	2	0.5	275	0.25	0.08	3.5	0.066	0.62
L862509		530	6.1	39.5	0.004	0.12	2.50	3.1	3	1.0	90.1	0.68	0.08	6.2	0.173	0.41
L862510		480	6.3	39.7	0.004	0.11	2.72	3.1	3	1.1	79.0	0.72	0.09	6.0	0.176	0.44
L862511		480	7.8	53.7	0.005	0.15	3.26	4.9	5	1.3	79.6	0.74	0.14	6.5	0.194	0.73
L862512		440	8.7	36.4	0.005	0.18	2.15	3.6	11	1.0	116.0	0.50	0.09	4.0	0.117	1.05
L862513		460	11.3	37.8	<0.002	0.30	5.29	3.0	4	1.1	67.9	0.50	0.10	3.1	0.122	0.48
L862514		650	7.1	45.6	0.002	0.13	2.77	3.9	4	1.2	186.0	0.67	0.11	5.6	0.166	0.53
L862515		500	6.8	29.4	<0.002	0.33	2.65	3.4	3	0.8	64.9	0.39	0.09	2.8	0.094	0.30
L862516		540	6.9	43.1	0.003	0.10	2.52	3.5	4	1.0	143.5	0.51	0.09	4.3	0.129	1.21
L862517		1070	20.2	76.8	<0.002	0.01	0.60	3.9	2	1.5	36.3	0.59	0.08	9.6	0.220	0.52
L862518		870	12.8	64.6	0.003	0.13	0.67	5.6	3	0.9	181.5	0.24	0.29	4.6	0.135	0.24
L862519		270	7.4	64.8	<0.002	0.20	0.44	4.4	2	1.0	84.1	0.20	0.17	3.7	0.110	0.22
L862520		760	6.3	38.9	0.006	0.07	0.66	4.1	2	0.6	104.5	0.16	0.16	3.1	0.090	0.17
L862521		480	5.8	8.3	<0.002	0.29	1.19	24.6	1	1.2	76.4	0.51	0.15	3.4	0.998	0.88
L862522		420	7.6	45.1	0.003	0.36	2.70	3.6	5	1.1	71.8	0.56	0.06	4.3	0.137	0.38
L862523		130	2.9	5.9	0.002	0.08	1.04	0.4	6	<0.2	547	<0.05	0.06	0.2	0.014	0.63
L862524		770	23.7	20.9	<0.002	0.29	1.64	5.5	3	0.4	742	0.28	0.05	2.6	0.069	0.29
L862525		70	1.0	7.4	0.006	0.15	0.62	0.5	1	0.2	784	<0.05	<0.05	0.2	0.022	0.77
L862526		950	15.3	106.5	0.009	0.65	6.02	9.5	6	1.7	209	1.16	0.13	8.7	0.324	1.40
L862527		560	14.4	106.5	0.008	0.49	6.14	8.6	7	1.7	140.5	1.13	0.17	6.7	0.330	1.22
L862528		710	19.4	113.5	0.007	0.10	5.23	11.2	9	1.7	84.7	0.95	0.15	8.6	0.324	0.84
L862529		340	17.2	35.6	0.004	0.06	4.68	3.8	5	0.7	54.5	0.32	0.05	2.7	0.120	0.36
L862530		190	1.5	21.6	0.002	0.12	1.39	1.9	3	0.5	996	0.24	<0.05	1.3	0.067	0.17
L862531		530	8.0	28.0	0.002	0.15	2.81	3.0	3	0.8	145.0	0.32	<0.05	2.5	0.081	0.56
L862532		260	13.1	96.9	0.011	0.27	5.47	8.0	8	1.7	70.7	1.14	0.16	7.3	0.329	1.84
K311458		460	8.9	23.8	0.005	0.03	1.43	10.3	13	0.8	240	0.25	<0.05	2.6	0.086	0.15
K311459		370	2.8	12.7	<0.002	0.02	0.89	1.8	3	0.4	218	0.14	<0.05	1.3	0.048	0.09
K311460		540	35.3	33.3	0.003	0.35	12.85	3.5	19	0.9	66.7	0.27	0.05	2.3	0.102	0.31
K311461		200	1.9	11.0	<0.002	<0.01	0.56	1.3	4	0.5	117.0	0.08	<0.05	1.0	0.033	0.07
K311462		640	20.0	50.2	0.005	0.17	6.88	4.6	9	1.4	128.0	0.44	0.07	3.7	0.154	0.40

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104916

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
N831948		0.4	23	0.1	2.7	62	8.3	
N831949		0.1	8	0.2	0.8	13	2.8	
N831950		1.7	217	0.8	8.4	51	55.2	
L862501		3.6	363	1.5	15.2	134	106.0	
L862502		2.8	230	1.0	33.8	340	61.4	
L862503		2.2	342	0.7	10.3	21	71.0	
L862504		3.0	465	1.1	13.1	23	94.0	
L862505		2.1	231	0.6	12.1	116	47.8	
L862506		1.8	242	0.6	10.1	16	41.8	
L862507		1.6	212	0.6	9.1	15	45.0	
L862508		1.9	106	0.3	6.0	7	23.8	
L862509		2.2	211	0.8	11.6	12	60.1	
L862510		2.3	221	0.8	12.1	8	62.4	
L862511		3.1	320	0.8	12.4	7	70.3	
L862512		2.3	217	0.6	11.5	11	50.2	
L862513		1.7	207	0.6	6.9	73	44.4	
L862514		2.9	280	0.8	12.9	26	64.0	
L862515		1.5	192	0.5	8.0	57	37.8	
L862516		2.8	240	0.6	10.2	38	53.0	
L862517		7.8	82	0.8	7.0	71	126.0	
L862518		1.2	127	0.8	13.3	8	47.4	
L862519		0.7	85	0.7	6.7	10	36.8	
L862520		1.1	73	0.5	7.8	6	30.9	
L862521		1.0	331	0.6	16.2	181	65.6	
L862522		2.6	275	0.7	15.0	28	61.3	
L862523		0.4	88	0.1	1.0	7	3.7	
L862524		4.2	93	0.7	45.3	1510	97.6	
L862525		0.3	40	0.1	0.7	30	5.5	
L862526		4.1	579	1.3	20.2	101	105.0	
L862527		3.5	560	1.2	16.1	91	104.5	
L862528		3.8	332	1.4	17.4	267	100.0	
L862529		1.8	161	0.6	10.3	36	44.1	
L862530		3.4	130	0.3	4.3	12	21.8	
L862531		2.1	171	0.4	9.5	46	34.0	
L862532		3.9	567	1.2	16.9	49	111.5	
K311458		1.7	110	0.5	12.9	311	28.1	
K311459		0.7	43	0.2	3.9	81	14.5	
K311460		1.6	104	0.6	13.6	156	37.2	
K311461		0.5	31	0.2	3.3	48	10.0	
K311462		2.0	197	0.8	12.4	136	50.0	

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Finalized Date: 26- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104916

Sample Description	Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311463		0.07	<0.01	0.14	1.45	3.5	1510	0.55	0.07	0.03	0.76	16.85	6.8	33	0.89	45.9
K311464		0.14	<0.01	0.86	3.08	49.9	5050	0.62	0.07	0.02	0.39	15.95	3.8	51	1.61	73.0
K311465		0.16	<0.01	0.84	3.04	43.4	4990	0.75	0.09	0.02	0.41	22.4	3.1	61	2.08	74.8
K311466		0.24	<0.01	0.81	2.18	41.6	1210	0.70	0.08	0.05	0.33	23.9	6.2	55	2.82	45.5
K311467		0.03	<0.01	0.04	0.56	2.5	490	0.22	0.03	0.02	0.89	5.76	2.4	23	0.35	14.6
K311468		0.14	<0.01	0.67	2.24	37.8	2760	0.67	0.09	0.02	0.09	24.1	2.8	65	2.48	29.0
K311469		0.24	<0.01	1.08	3.57	27.8	2340	1.19	0.16	0.07	0.14	37.4	3.7	81	5.10	52.9
K311470		0.07	<0.01	0.58	5.71	11.6	2500	1.81	0.27	0.03	0.13	63.0	2.5	94	9.22	44.4
K311471		0.28	<0.01	0.20	0.83	3.9	4530	0.30	0.03	0.01	0.04	9.40	0.2	18	1.40	2.8
K311472		0.05	0.01	1.10	2.22	11.0	2710	0.87	0.07	0.04	0.12	25.0	1.1	65	3.55	22.0
K311473		0.22	<0.01	1.86	2.46	10.2	2390	1.00	0.34	0.03	0.09	24.1	1.0	66	5.82	17.9
K311474		0.13	0.01	1.56	1.93	9.0	2690	0.77	0.08	0.04	0.06	28.3	0.9	59	4.15	12.1
K311475		0.33	<0.01	0.76	0.96	13	2510	0.84	0.04	12.40	0.68	10.45	2.1	28	1.28	20.8
K311476		0.04	<0.01	1.42	3.64	40.7	1490	1.22	0.20	0.25	0.12	38.6	2.6	84	6.82	149.5
K311477		0.12	<0.01	0.65	1.51	41.2	3260	1.15	0.05	7.33	12.10	18.00	8.0	38	1.37	120.5
K311478		0.27	<0.01	1.33	4.12	44.1	930	1.47	0.19	0.03	0.10	45.5	1.4	100	10.45	40.9
K311479		0.23	<0.01	0.49	1.16	246	5220	0.27	0.09	0.02	0.39	15.20	0.4	48	0.70	7.3
K311480		0.25	<0.01	0.02	0.87	4.6	440	0.12	0.06	0.03	0.04	34.1	2.5	17	0.16	5.7
K311481		0.59	<0.01	0.03	0.19	<5	60	0.13	0.02	19.75	0.24	3.51	0.9	<1	0.05	2.2
K311482		0.53	0.01	0.78	1.72	1110	1000	0.83	0.07	0.02	0.17	17.40	2.8	48	1.16	53.9
K311483		0.32	<0.01	0.81	2.04	414	630	0.64	0.07	0.06	0.05	25.6	0.5	51	1.61	13.0
K311484		0.24	<0.01	0.88	1.00	693	300	0.44	0.04	0.02	0.04	9.04	0.5	35	0.59	12.9
K311485		0.36	<0.01	0.17	0.86	4.4	1820	0.34	0.04	0.02	0.07	8.68	0.3	18	1.35	4.3
K311486		0.10	<0.01	1.19	1.80	7.9	2310	0.78	0.05	0.03	0.10	16.15	0.9	66	1.89	8.8
K311487		0.23	<0.01	0.29	1.10	21.1	2360	0.40	0.02	0.01	0.12	14.55	0.3	27	0.96	8.4
K311488		0.25	<0.01	1.04	4.40	16.2	2010	1.83	0.20	0.08	0.22	56.5	3.5	121	6.48	32.6
K311489		0.02	<0.01	1.79	2.49	7.6	2370	1.06	0.06	0.03	0.06	34.2	0.8	74	2.13	6.5
K311490		0.22	<0.01	0.07	2.87	9.0	1280	0.73	0.07	9.28	0.92	39.2	4.0	31	1.17	8.9
K311491		0.12	<0.01	0.49	1.22	9.6	2140	0.56	0.04	0.06	0.21	15.25	0.8	33	1.33	11.1
K311492		0.10	<0.01	0.22	0.95	27.5	1220	0.38	0.03	0.06	0.08	12.50	1.1	34	0.67	10.2
K311493		0.16	<0.01	0.02	7.46	1.1	690	2.07	0.35	0.26	0.87	70.5	16.9	67	6.03	9.3
K311494		0.55	<0.01	2.03	0.88	1455	310	0.52	0.02	0.02	0.18	7.69	0.5	38	0.58	14.2
K311495		0.24	<0.01	1.18	1.80	610	870	1.17	0.03	0.02	0.35	14.15	5.7	49	0.64	49.9
K311496		0.19	0.04	1.60	3.40	2090	1380	1.69	0.09	0.01	1.24	33.8	7.6	90	2.43	80.0
N830803		0.23	16.65	1.74	1.26	>10000	300	0.22	0.07	0.39	0.46	8.02	0.7	27	2.08	17.3

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104916

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K311463		3.11	3.39	0.07	0.7	0.06	0.014	0.45	8.6	54.1	0.10	248	1.34	0.14	4.0	43.8
K311464		7.04	5.46	0.10	0.8	0.25	0.022	0.59	9.9	34.4	0.12	105	7.86	1.25	3.9	39.6
K311465		5.58	6.02	0.10	1.1	0.25	0.028	0.77	12.6	30.3	0.16	87	8.36	0.95	4.7	36.1
K311466		2.80	6.30	0.09	1.1	0.22	0.020	0.78	12.5	24.4	0.18	108	9.07	0.33	4.8	46.1
K311467		2.85	1.40	0.05	0.2	0.02	0.005	0.15	2.7	55.5	0.03	302	0.73	0.06	1.3	49.0
K311468		2.67	7.04	0.10	1.2	0.23	0.021	0.88	13.7	25.9	0.19	75	8.95	0.24	5.6	28.1
K311469		2.19	11.10	0.09	1.9	0.25	0.033	1.33	22.6	21.8	0.30	44	7.30	0.57	10.1	38.5
K311470		2.76	17.65	0.13	3.3	0.20	0.051	2.57	35.6	23.7	0.48	102	4.50	0.30	17.5	30.0
K311471		0.20	3.08	<0.05	0.4	0.04	0.006	0.27	5.7	5.0	0.07	8	1.37	<0.01	2.8	3.0
K311472		2.16	7.81	0.11	1.2	0.24	0.008	0.99	15.6	19.7	0.19	96	6.84	0.07	7.0	14.0
K311473		1.94	8.49	0.09	1.5	0.53	0.014	1.15	15.8	22.4	0.19	42	10.70	0.14	8.8	15.6
K311474		1.97	7.14	0.10	1.1	0.38	0.008	0.86	15.2	29.6	0.16	60	6.70	0.04	5.6	14.1
K311475		3.89	2.86	<0.05	0.6	0.08	0.012	0.35	6.3	8.7	6.52	822	1.58	0.02	3.1	27.2
K311476		16.85	11.05	0.11	1.9	0.26	0.092	1.61	22.4	12.1	0.31	72	7.74	0.18	11.3	20.4
K311477		6.28	3.96	0.07	0.8	0.10	0.025	0.44	9.5	16.0	3.53	1180	2.92	0.03	3.7	109.5
K311478		8.54	12.70	0.11	2.2	0.34	0.058	2.03	24.9	14.2	0.34	25	8.93	0.12	14.9	20.8
K311479		1.69	3.52	0.06	0.5	0.08	0.015	0.40	7.1	14.1	0.04	44	2.54	<0.01	3.0	16.3
K311480		1.22	2.51	0.07	1.5	0.01	0.009	0.14	11.9	6.8	0.02	89	0.36	0.01	1.7	5.6
K311481		0.33	0.44	0.05	0.1	<0.01	<0.005	0.04	1.8	2.5	10.85	287	0.13	0.07	0.3	14.4
K311482		1.87	3.78	0.08	0.7	0.86	0.030	0.56	9.4	20.6	0.06	53	2.50	0.01	4.8	42.4
K311483		1.11	4.98	0.10	0.9	0.32	0.021	0.79	14.9	39.5	0.09	42	2.66	0.02	5.5	10.3
K311484		1.31	2.03	0.07	0.4	0.72	0.032	0.30	5.0	43.1	0.03	45	1.70	0.02	2.3	7.6
K311485		0.38	3.20	0.11	0.4	0.05	0.009	0.34	4.9	3.8	0.09	13	1.14	0.05	2.7	2.5
K311486		1.77	6.32	0.13	1.0	0.25	0.016	0.82	9.9	21.5	0.15	69	5.69	0.08	5.4	10.1
K311487		0.39	3.84	0.11	0.5	0.04	0.007	0.42	7.4	1.6	0.05	8	0.97	0.02	3.5	4.5
K311488		2.10	14.50	0.17	2.7	0.26	0.038	2.19	33.3	18.1	0.37	89	7.50	0.23	17.7	19.7
K311489		1.42	8.07	0.13	1.6	0.08	0.016	0.88	19.3	20.5	0.15	135	1.52	0.03	8.9	7.0
K311490		1.30	6.93	0.14	2.3	0.03	0.019	1.52	18.9	36.0	2.26	399	0.30	0.52	5.2	13.1
K311491		0.57	4.34	0.13	0.7	0.06	0.014	0.38	7.6	6.8	0.10	29	1.62	0.05	5.1	4.6
K311492		0.95	3.24	0.12	0.5	0.03	0.015	0.35	6.8	33.0	0.07	43	1.34	0.06	3.5	8.7
K311493		4.71	20.6	0.20	3.2	<0.01	0.074	3.04	35.0	60.5	1.24	976	0.10	0.27	10.8	37.0
K311494		1.59	1.75	0.10	0.3	1.16	0.039	0.24	4.1	35.3	0.03	25	2.00	0.01	1.8	8.2
K311495		2.70	2.86	0.14	0.7	0.74	0.021	0.41	8.2	32.1	0.04	38	3.77	0.01	4.5	88.8
K311496		4.38	7.94	0.17	1.6	1.03	0.024	1.11	19.2	15.1	0.11	35	5.70	0.02	10.0	129.5
N830803		2.25	5.43	0.10	1.1	40.2	0.023	0.41	4.4	45.2	0.08	50	0.26	0.01	2.8	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104916

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K311463		700	4.6	20.7	0.003	0.02	1.25	3.5	3	0.8	205	0.24	<0.05	2.3	0.091	0.14
K311464		610	25.1	26.8	0.005	0.22	9.86	3.1	17	1.2	61.4	0.27	0.06	2.5	0.112	0.32
K311465		480	20.5	35.6	0.008	0.22	9.18	3.6	11	1.2	144.0	0.33	0.07	2.9	0.132	0.36
K311466		560	21.0	36.9	0.004	1.26	8.46	4.0	8	1.4	82.0	0.33	0.06	2.8	0.119	0.52
K311467		330	1.7	7.4	<0.002	0.01	0.55	2.2	3	0.5	172.0	0.08	<0.05	0.9	0.028	0.05
K311468		540	20.1	40.7	0.004	0.18	7.07	4.0	7	0.9	147.5	0.36	0.06	3.1	0.134	0.30
K311469		830	21.3	68.0	0.008	0.28	7.58	6.7	9	1.2	70.1	0.62	0.11	5.4	0.214	0.64
K311470		900	15.3	122.0	0.006	0.06	3.66	11.0	5	1.9	84.9	1.13	0.26	9.9	0.364	0.84
K311471		210	1.3	16.7	0.004	0.10	0.97	1.3	3	0.5	294	0.18	<0.05	1.0	0.055	0.15
K311472		400	9.5	46.5	0.004	0.23	8.67	3.7	18	0.9	52.6	0.44	0.14	1.6	0.136	0.47
K311473		690	10.5	52.1	0.007	0.73	8.60	4.1	10	0.9	92.2	0.55	0.11	3.3	0.146	1.22
K311474		800	13.0	41.2	0.005	0.45	7.66	3.7	10	1.0	253	0.34	0.09	2.3	0.108	0.76
K311475		620	2.4	15.5	0.003	0.31	2.07	2.1	2	0.4	860	0.19	<0.05	1.3	0.058	0.22
K311476		3340	15.2	69.3	0.008	0.84	5.65	7.6	13	1.2	108.0	0.69	0.24	7.7	0.254	0.96
K311477		1750	2.9	17.8	<0.002	0.16	2.62	4.2	3	0.5	798	0.24	<0.05	2.5	0.072	0.34
K311478		2920	13.1	91.0	0.008	0.85	6.59	8.0	10	1.5	135.0	0.87	0.15	6.5	0.277	1.30
K311479		1290	3.4	14.6	<0.002	0.22	3.35	2.0	2	0.4	130.0	0.17	<0.05	2.4	0.047	0.52
K311480		720	6.8	6.8	<0.002	0.01	0.40	1.3	1	0.4	634	0.15	<0.05	5.2	0.047	0.05
K311481		120	0.7	1.7	<0.002	<0.01	0.17	0.7	1	<0.2	307	<0.05	<0.05	0.5	0.011	<0.02
K311482		740	14.5	22.9	<0.002	0.06	4.44	4.2	4	0.5	65.5	0.30	0.05	2.9	0.075	0.40
K311483		490	11.4	30.8	0.003	0.08	4.82	4.6	1	0.5	64.7	0.33	0.06	3.3	0.098	0.68
K311484		630	12.1	11.0	<0.002	0.05	4.26	4.8	1	0.3	34.8	0.14	<0.05	1.8	0.041	0.27
K311485		170	2.4	19.1	<0.002	0.10	0.83	1.7	1	0.4	344	0.16	<0.05	1.1	0.061	0.17
K311486		320	9.0	35.4	0.002	0.43	5.66	2.7	8	0.7	73.1	0.32	0.08	2.0	0.111	0.50
K311487		220	5.5	17.5	<0.002	0.09	0.68	2.6	1	0.4	431	0.22	<0.05	1.5	0.065	0.26
K311488		610	15.2	98.3	0.008	0.48	4.35	8.3	6	1.8	129.0	1.05	0.14	8.0	0.327	1.38
K311489		570	17.8	41.1	0.004	0.10	1.44	3.6	1	1.1	70.9	0.58	<0.05	5.4	0.162	0.60
K311490		750	8.9	54.6	<0.002	0.15	0.20	3.7	1	1.0	499	0.39	<0.05	6.2	0.150	0.32
K311491		460	2.3	20.4	<0.002	0.11	1.33	2.6	1	0.5	370	0.29	<0.05	1.9	0.090	0.34
K311492		560	2.4	15.7	<0.002	0.07	1.00	1.8	<1	0.4	108.5	0.21	<0.05	1.8	0.058	0.18
K311493		440	14.6	173.5	<0.002	<0.01	0.57	15.8	<1	2.3	75.6	0.80	<0.05	12.4	0.467	0.85
K311494		1140	14.8	9.2	<0.002	0.06	7.72	7.2	1	0.3	28.3	0.10	<0.05	2.1	0.031	0.27
K311495		840	27.5	15.3	0.002	0.10	6.12	5.3	6	0.3	82.4	0.25	<0.05	2.4	0.071	0.26
K311496		990	37.2	43.7	0.004	0.14	8.09	8.3	12	0.9	98.7	0.65	0.10	5.0	0.162	1.09
N830803		280	21.4	24.0	<0.002	0.11	174.0	1.0	2	1.0	254	0.20	0.13	3.9	0.091	148.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104916

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K311463		1.1	74	0.4	11.1	268	25.2	
K311464		1.4	178	0.5	5.5	162	32.1	
K311465		2.0	171	0.6	8.0	138	36.8	
K311466		1.8	124	0.6	11.7	116	37.5	
K311467		0.3	24	0.2	4.6	335	7.9	
K311468		1.6	153	0.6	9.1	93	44.3	
K311469		2.9	260	0.9	12.6	115	73.9	
K311470		3.7	353	1.5	17.8	115	113.0	
K311471		2.3	127	0.2	2.9	7	16.2	
K311472		1.8	368	0.6	6.3	34	48.2	
K311473		1.9	402	0.6	7.4	23	59.0	
K311474		1.8	266	0.5	14.6	18	42.1	
K311475		1.2	182	0.3	11.1	173	58.0	
K311476		3.0	343	0.9	10.5	113	72.8	
K311477		3.5	213	0.3	30.3	1060	42.8	
K311478		3.6	495	1.0	13.9	94	90.3	
K311479		1.6	146	0.4	8.9	17	23.3	
K311480		1.1	8	0.2	5.2	18	45.7	
K311481		0.5	3	0.2	3.1	4	5.7	
K311482		4.3	161	0.5	11.7	188	31.7	
K311483		3.4	182	0.7	8.1	35	40.6	
K311484		3.2	86	0.3	5.6	24	15.7	
K311485		2.2	104	0.2	3.4	10	18.0	
K311486		1.0	291	0.6	4.5	20	42.0	
K311487		2.9	152	0.2	6.5	28	23.4	
K311488		4.0	530	1.2	16.8	65	106.5	
K311489		2.2	295	0.7	12.5	12	58.3	
K311490		2.7	34	0.6	12.4	101	81.4	
K311491		3.5	174	0.4	7.8	26	29.5	
K311492		0.9	113	3.0	4.5	45	19.6	
K311493		2.1	102	1.3	14.6	156	109.5	
K311494		4.1	101	3.0	6.7	12	13.6	
K311495		5.0	190	0.9	17.9	493	29.9	
K311496		7.8	352	2.2	38.0	582	63.7	
N830803		10.0	37	2.7	2.0	60	36.5	3.14

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104916

CERTIFICATE COMMENTS

Applies to Method:

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUN-2013
Account: RCM

CERTIFICATE WH13104915

Project: Nadaleen

P.O. No.: R13-04

This report is for 44 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85%<75 um
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104915

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311497		0.43	0.01	0.06	0.22	156	60	0.27	0.02	29.9	0.23	2.43	0.9	2	0.18	1.7
K311498		0.34	0.01	0.05	0.13	53	50	0.18	0.03	25.2	0.35	2.95	0.5	5	0.08	1.7
K311499		0.40	<0.01	0.04	0.10	57	20	0.28	0.02	36.7	0.06	2.19	0.6	<1	0.10	0.7
K311500		0.35	<0.01	0.05	0.15	69	100	0.28	0.02	29.0	0.20	2.35	1.0	<1	0.14	1.2
M389151		0.08	<0.01	0.05	0.16	63	20	0.47	0.02	37.4	0.35	3.71	0.8	<1	0.20	1.6
M389152		0.22	<0.01	0.03	0.10	38	30	0.15	0.01	25.7	0.44	2.55	0.5	<1	0.08	1.5
M389153		0.19	0.02	0.17	0.32	218	60	0.31	0.03	39.1	0.53	3.97	2.8	<1	0.29	1.8
M389154		0.21	0.01	0.09	0.25	118	40	0.29	0.02	29.0	0.16	2.29	1.1	<1	0.21	1.1
M389155		0.13	0.01	0.08	0.11	72	20	0.36	0.01	37.5	0.52	3.72	0.7	<1	0.12	1.7
M389156		0.18	<0.01	0.04	0.12	40	30	0.24	0.01	28.9	0.31	2.70	0.7	<1	0.12	1.3
M389157		0.40	<0.01	0.07	0.21	137	40	0.23	0.02	29.1	0.28	2.32	0.7	<1	0.19	1.3
M389158		0.12	<0.01	0.42	0.73	36	100	0.63	0.02	23.5	1.20	6.71	1.3	3	0.69	2.0
M389159		0.18	<0.01	0.06	0.10	15	30	0.13	0.01	23.5	0.13	2.39	0.3	<1	0.05	0.4
M389160		0.10	<0.01	0.06	0.10	12	50	0.14	0.01	28.2	0.36	1.11	0.5	<1	0.07	1.0
M389161		0.13	<0.01	0.16	0.13	44	50	0.23	0.02	34.3	0.54	1.28	0.4	<1	0.10	0.6
M389162		0.11	<0.01	0.63	0.89	177	80	0.57	0.03	28.3	0.75	13.35	1.2	5	1.22	2.5
M389163		0.18	<0.01	0.03	0.06	24	20	0.14	0.01	35.1	0.07	0.77	0.3	<1	0.05	0.2
M389164		0.24	0.02	0.08	0.50	97	50	0.11	0.02	32.5	0.10	1.23	0.5	<1	0.16	0.9
M389165		0.26	0.03	0.10	0.43	184	130	0.13	0.02	28.0	0.16	2.05	1.4	4	0.41	1.9
M389166		0.43	0.04	0.03	0.22	73	60	0.07	0.02	29.2	0.04	0.88	0.4	<1	0.12	0.5
M389167		0.23	<0.01	0.13	0.24	26	50	0.19	0.02	24.9	0.14	2.96	0.7	1	0.19	0.9
M389168		0.30	<0.01	0.12	0.31	24	5020	0.24	0.01	23.1	0.16	1.70	0.5	<1	0.08	0.6
M389169		0.24	0.01	0.65	0.53	87	220	0.35	0.02	23.9	4.38	4.96	0.9	4	0.27	1.9
M389170		0.18	0.03	0.16	0.12	38	40	0.12	0.02	28.8	0.15	2.74	0.8	<1	0.10	0.7
M389171		0.22	0.10	0.14	0.17	53	40	0.13	0.02	26.7	0.12	1.87	1.0	<1	0.13	0.9
M389172		0.28	<0.01	0.02	0.05	38	80	0.25	0.01	39.1	0.33	1.56	0.3	<1	<0.05	0.4
L862533		0.08	<0.01	1.27	0.42	90.6	460	0.13	0.05	0.44	0.03	3.85	0.4	17	0.87	6.3
L862534		0.45	<0.01	0.04	0.09	35	30	0.14	0.01	25.9	0.32	1.65	0.4	<1	0.06	0.9
L862535		0.40	<0.01	0.06	0.09	13	50	0.22	0.02	23.5	0.27	1.89	0.5	<1	0.05	0.6
L862536		0.20	<0.01	0.08	0.16	6	40	0.27	0.02	27.2	1.05	1.87	0.6	<1	0.10	0.6
L862537		0.32	<0.01	0.26	0.36	20	110	0.34	0.02	31.1	1.96	4.39	0.9	3	0.30	1.3
L862538		0.31	<0.01	0.06	0.14	92	50	0.14	0.04	23.8	0.52	1.40	2.0	2	0.14	1.8
L862539		0.43	<0.01	0.04	0.06	27	20	0.13	0.04	22.7	0.12	1.49	0.7	1	0.05	1.1
L862540		0.55	<0.01	0.13	0.72	26	90	0.81	0.04	22.5	0.39	7.71	1.1	6	0.75	2.8
L862541		0.38	<0.01	0.15	0.31	119	70	0.60	0.03	23.6	0.56	4.86	1.2	4	0.27	1.9
L862542		0.35	<0.01	0.22	0.23	32	20	0.21	0.03	22.3	0.17	2.33	0.9	3	0.22	1.8
L862543		0.27	0.02	0.27	0.09	163	20	0.10	0.03	24.6	0.07	0.99	0.8	2	0.07	1.8
L862544		0.43	0.04	0.20	0.24	67	110	0.23	0.02	24.3	0.68	2.98	1.1	3	0.16	2.2
L862545		0.15	0.02	1.39	4.45	14.1	1930	1.24	0.24	0.10	0.02	58.8	0.5	103	8.39	3.8
L862546		0.18	<0.01	0.33	1.31	3.1	3010	0.37	0.08	0.03	0.02	15.20	0.2	29	2.85	2.2

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 23-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104915

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311497		0.24	0.59	0.06	0.1	0.51	<0.005	0.08	1.4	1.1	6.75	494	0.52	0.02	0.3	3.3
K311498		0.14	0.37	0.06	0.1	0.13	<0.005	0.05	1.9	0.8	9.86	188	0.42	0.03	0.2	2.7
K311499		0.12	0.29	0.05	<0.1	2.11	<0.005	0.03	1.3	0.6	0.11	561	0.19	0.01	0.2	1.4
K311500		0.23	0.43	<0.05	0.1	0.40	<0.005	0.05	1.2	1.1	7.67	520	0.45	0.01	0.3	4.0
M389151		0.17	0.57	0.06	0.1	2.36	<0.005	0.04	2.7	0.8	1.78	710	0.45	0.02	0.3	3.0
M389152		0.13	0.30	0.06	0.1	0.13	<0.005	0.03	1.7	0.8	9.62	249	0.39	0.02	0.2	3.4
M389153		0.31	1.02	0.06	0.1	4.14	0.017	0.12	2.5	1.0	0.58	603	0.71	0.01	0.5	12.9
M389154		0.27	0.76	0.07	0.1	0.70	<0.005	0.10	1.3	1.1	5.22	654	0.69	0.01	0.4	4.2
M389155		0.18	0.49	0.05	0.1	1.28	<0.005	0.03	2.6	0.6	0.26	840	0.43	0.01	0.2	3.6
M389156		0.13	0.39	0.08	0.1	0.27	<0.005	0.04	1.7	0.9	8.11	332	0.42	0.01	0.2	3.3
M389157		0.24	0.62	0.06	0.1	0.41	<0.005	0.08	1.4	1.1	7.70	545	0.68	0.01	0.4	2.9
M389158		0.34	2.00	0.09	0.3	1.62	<0.005	0.34	3.2	4.4	10.60	101	0.63	0.03	1.0	3.9
M389159		0.06	0.31	0.10	<0.1	0.20	<0.005	0.03	1.2	0.8	10.75	65	0.38	0.02	0.1	0.8
M389160		0.07	0.26	0.09	<0.1	0.19	<0.005	0.03	0.7	0.7	7.72	44	0.24	0.03	0.1	1.7
M389161		0.08	0.40	0.09	0.1	0.59	<0.005	0.05	0.6	0.7	2.58	70	1.09	0.03	0.2	1.7
M389162		0.68	2.45	0.11	0.4	0.71	0.007	0.44	6.6	4.1	5.59	147	0.77	0.02	1.5	8.2
M389163		0.04	0.18	0.07	<0.1	0.07	<0.005	0.02	<0.5	0.6	3.46	54	0.29	0.01	0.1	0.5
M389164		0.15	1.09	0.08	0.1	6.59	<0.005	0.05	0.5	3.4	3.90	1780	0.60	0.01	0.3	1.7
M389165		0.35	1.48	0.07	0.3	26.4	<0.005	0.14	1.0	2.5	5.80	1660	3.28	0.01	0.8	7.1
M389166		0.08	0.60	0.08	0.1	9.09	<0.005	0.04	<0.5	1.7	6.01	1180	0.43	0.01	0.2	0.9
M389167		0.13	0.72	0.10	0.1	0.46	<0.005	0.10	1.5	1.4	10.45	74	0.57	0.02	0.4	2.6
M389168		0.13	0.43	0.11	0.1	0.60	<0.005	0.03	0.9	2.3	10.65	142	0.35	0.01	0.2	2.3
M389169		0.26	1.32	0.07	0.2	3.16	<0.005	0.14	2.4	2.5	10.15	173	0.56	0.02	0.7	4.1
M389170		0.31	0.38	0.06	<0.1	0.15	<0.005	0.05	1.2	1.1	8.91	1220	0.44	0.02	0.1	1.7
M389171		0.33	0.53	0.07	<0.1	0.63	<0.005	0.06	0.9	1.2	9.64	1310	0.29	0.02	0.2	2.6
M389172		0.06	0.15	0.08	<0.1	0.90	<0.005	0.01	2.7	0.3	0.16	123	0.29	0.02	0.1	0.5
L862533		0.73	1.15	0.08	0.1	1.42	0.009	0.12	4.1	18.7	0.05	45	0.87	0.01	0.6	2.6
L862534		0.13	0.24	0.07	<0.1	0.21	<0.005	0.03	1.7	0.8	9.43	309	0.24	0.01	0.1	2.6
L862535		0.20	0.25	0.09	<0.1	0.31	<0.005	0.03	0.8	0.7	10.85	127	0.25	0.01	0.1	2.4
L862536		0.10	0.40	0.08	0.1	0.72	<0.005	0.05	0.8	1.0	9.75	159	0.24	0.02	0.3	1.8
L862537		0.20	1.03	0.08	0.2	2.32	<0.005	0.15	1.9	1.2	5.52	176	0.40	0.01	0.6	3.5
L862538		0.25	0.38	0.09	0.1	1.03	0.011	0.05	0.7	1.1	11.15	148	0.79	0.02	0.2	7.7
L862539		0.08	0.23	0.17	<0.1	0.39	0.005	0.02	0.6	0.7	10.95	166	0.46	0.01	0.1	3.1
L862540		0.30	2.04	0.12	0.3	0.16	0.006	0.35	3.7	4.7	10.50	54	0.35	0.03	1.1	3.4
L862541		0.24	0.90	0.16	0.1	1.23	<0.005	0.14	2.2	1.9	10.15	150	0.50	0.02	0.4	6.4
L862542		0.11	0.61	0.16	0.1	0.13	<0.005	0.10	1.1	1.3	10.60	30	1.60	0.02	0.4	5.3
L862543		0.24	0.23	0.22	<0.1	0.53	<0.005	0.03	0.5	0.7	10.25	156	0.65	0.02	0.1	5.3
L862544		0.14	0.71	0.16	0.1	1.67	<0.005	0.07	1.5	1.5	10.75	206	0.56	0.01	0.4	3.4
L862545		0.60	14.50	0.17	2.7	2.53	0.017	1.95	35.9	10.0	0.27	14	5.92	0.04	19.4	10.2
L862546		0.21	4.26	0.11	0.7	1.94	0.006	0.50	7.6	4.4	0.09	11	1.50	0.01	5.7	3.0

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 23-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104915

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K311497		70	1.4	3.1	<0.002	<0.01	0.24	0.5	<1	<0.2	165.0	<0.05	<0.05	0.4	0.011	0.87
K311498		70	1.0	2.2	<0.002	<0.01	0.21	0.3	<1	<0.2	133.5	<0.05	<0.05	0.3	0.006	0.23
K311499		30	0.9	1.3	<0.002	<0.01	0.20	2.6	<1	<0.2	21.1	<0.05	<0.05	0.2	0.006	0.38
K311500		80	1.3	2.0	<0.002	<0.01	0.16	0.5	<1	<0.2	121.5	<0.05	<0.05	0.3	0.010	0.45
M389151		90	1.5	1.8	<0.002	<0.01	0.30	2.6	<1	<0.2	68.7	<0.05	<0.05	0.3	0.009	0.50
M389152		60	1.0	1.4	<0.002	<0.01	0.14	0.3	<1	<0.2	126.0	<0.05	<0.05	0.2	0.006	0.37
M389153		110	4.9	4.5	0.006	0.02	0.70	2.0	<1	0.2	64.6	<0.05	<0.05	0.5	0.017	9.10
M389154		70	2.1	3.6	<0.002	<0.01	0.17	0.8	<1	<0.2	140.5	<0.05	<0.05	0.4	0.013	0.68
M389155		80	1.6	1.4	<0.002	<0.01	0.26	2.8	<1	<0.2	51.1	<0.05	<0.05	0.2	0.006	0.32
M389156		60	1.3	1.5	<0.002	<0.01	0.11	0.4	<1	<0.2	154.5	<0.05	<0.05	0.3	0.007	0.90
M389157		80	1.6	3.1	<0.002	<0.01	0.17	0.5	<1	<0.2	167.5	<0.05	<0.05	0.3	0.011	0.47
M389158		230	17.3	12.5	<0.002	0.03	0.45	1.5	1	0.2	194.5	0.07	<0.05	1.0	0.033	0.17
M389159		30	3.1	1.1	<0.002	<0.01	0.23	0.2	<1	<0.2	131.0	<0.05	<0.05	0.2	0.005	0.13
M389160		60	15.7	1.1	<0.002	<0.01	2.49	0.3	<1	<0.2	208	<0.05	<0.05	<0.2	0.007	0.03
M389161		20	31.2	1.7	<0.002	<0.01	2.38	0.3	<1	<0.2	205	<0.05	<0.05	0.2	0.007	0.10
M389162		200	56.3	15.3	<0.002	0.02	4.97	2.4	<1	0.3	106.5	0.10	<0.05	1.6	0.048	1.04
M389163		20	10.9	0.9	<0.002	<0.01	0.46	0.1	<1	<0.2	181.0	<0.05	<0.05	<0.2	<0.005	0.05
M389164		30	1.5	2.0	<0.002	<0.01	0.28	1.2	<1	<0.2	61.4	<0.05	<0.05	1.0	0.011	0.67
M389165		80	3.3	5.3	<0.002	<0.01	0.73	2.5	<1	0.2	85.9	0.06	<0.05	2.1	0.029	0.95
M389166		20	0.9	1.4	<0.002	<0.01	0.14	0.7	<1	<0.2	72.3	<0.05	<0.05	0.9	0.007	0.47
M389167		60	2.1	3.4	<0.002	<0.01	0.20	0.4	1	<0.2	135.0	<0.05	<0.05	0.4	0.013	0.10
M389168		80	3.3	1.3	<0.002	0.12	0.14	0.5	<1	<0.2	121.0	<0.05	<0.05	0.2	0.007	0.12
M389169		150	24.3	4.9	<0.002	<0.01	0.63	3.6	<1	0.2	118.5	0.05	<0.05	1.0	0.023	0.19
M389170		50	2.9	1.7	<0.002	<0.01	0.15	0.3	<1	<0.2	210	<0.05	<0.05	0.2	0.005	0.56
M389171		60	2.5	2.3	<0.002	<0.01	0.14	0.6	<1	<0.2	144.5	<0.05	<0.05	0.2	0.007	1.73
M389172		320	0.6	0.5	<0.002	<0.01	0.16	0.7	<1	<0.2	242	<0.05	<0.05	<0.2	<0.005	0.05
L862533		450	57.2	5.4	<0.002	0.06	0.71	1.2	1	<0.2	108.0	0.06	<0.05	0.7	0.021	0.51
L862534		60	0.9	1.1	<0.002	<0.01	0.10	0.3	<1	<0.2	138.5	<0.05	<0.05	<0.2	0.005	0.28
L862535		100	1.0	1.2	<0.002	<0.01	0.11	0.3	<1	<0.2	143.0	<0.05	<0.05	0.2	<0.005	0.20
L862536		60	1.1	1.7	<0.002	<0.01	0.15	0.4	<1	<0.2	153.5	<0.05	<0.05	0.3	0.009	0.15
L862537		100	2.1	5.5	<0.002	0.02	0.36	0.8	<1	<0.2	281	<0.05	<0.05	0.6	0.019	0.41
L862538		80	4.5	2.1	0.002	<0.01	0.22	0.3	2	<0.2	112.0	<0.05	0.07	0.2	0.007	0.52
L862539		50	0.8	0.7	0.002	<0.01	0.11	0.5	2	<0.2	89.0	<0.05	0.08	<0.2	<0.005	0.16
L862540		130	10.1	12.4	<0.002	0.02	0.39	1.4	1	0.3	181.5	0.07	0.07	1.0	0.033	0.35
L862541		90	14.3	5.3	<0.002	<0.01	0.34	1.5	2	0.2	142.5	<0.05	0.09	0.6	0.014	0.26
L862542		60	8.5	3.7	0.002	0.01	0.48	0.5	2	<0.2	129.5	<0.05	0.07	0.4	0.013	0.13
L862543		80	3.1	1.1	<0.002	<0.01	0.27	0.2	5	0.2	112.5	<0.05	0.08	<0.2	<0.005	0.19
L862544		90	5.3	2.6	<0.002	<0.01	0.33	1.4	2	<0.2	106.0	<0.05	0.08	0.5	0.012	0.34
L862545		250	14.8	92.6	0.009	0.14	3.69	7.0	3	1.8	89.5	1.09	0.19	7.1	0.350	3.44
L862546		120	4.9	24.5	<0.002	0.06	1.06	2.3	1	0.5	220	0.33	<0.05	2.3	0.106	0.53

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Finalized Date: 23- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104915

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K311497		3.0	6	0.6	2.4	45	3.0
K311498		2.1	5	0.2	2.3	24	2.1
K311499		3.6	17	0.3	7.0	9	2.4
K311500		3.2	5	0.5	2.0	46	4.0
M389151		4.1	19	0.7	9.2	24	3.2
M389152		2.0	4	0.2	2.7	35	1.4
M389153		3.9	16	0.8	5.9	92	5.4
M389154		2.9	8	0.6	2.7	60	3.7
M389155		4.9	17	0.6	10.2	30	2.4
M389156		2.7	5	0.4	2.7	25	2.3
M389157		2.6	5	0.6	2.2	50	3.2
M389158		2.9	11	0.8	2.4	182	8.2
M389159		2.3	4	0.2	1.1	23	1.7
M389160		1.0	5	0.1	0.9	21	1.2
M389161		1.9	3	0.5	0.6	50	2.1
M389162		4.1	25	1.1	5.7	176	13.4
M389163		1.2	1	0.1	0.4	11	1.0
M389164		5.8	10	1.8	2.9	15	3.6
M389165		10.5	13	2.3	3.5	32	7.1
M389166		5.3	6	0.7	2.0	3	3.2
M389167		5.2	9	0.4	1.2	44	3.8
M389168		1.1	5	0.5	1.6	47	2.2
M389169		4.9	18	1.1	5.7	73	6.4
M389170		1.8	4	0.4	2.3	61	1.2
M389171		2.2	6	0.4	2.3	60	1.8
M389172		3.1	19	0.3	5.1	10	0.9
L862533		0.9	18	3.7	2.8	6	6.2
L862534		1.9	5	0.3	2.7	21	1.3
L862535		2.0	4	0.2	1.3	22	1.1
L862536		2.6	5	0.3	1.7	132	2.5
L862537		4.4	11	0.9	2.5	313	5.6
L862538		0.9	5	0.1	0.8	141	1.8
L862539		2.1	4	0.2	2.2	33	0.9
L862540		1.8	9	0.8	2.6	70	8.1
L862541		1.6	10	0.4	3.1	109	3.6
L862542		2.6	7	0.3	0.8	30	3.0
L862543		1.4	7	0.2	0.7	34	1.3
L862544		5.1	14	1.4	4.6	48	3.6
L862545		3.7	541	2.6	15.5	9	106.5
L862546		4.4	173	0.8	7.7	4	27.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104915

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
L862547		0.65	0.01	0.52	0.42	184	200	0.43	0.03	35.7	1.06	4.78	1.3	7	0.37	2.3
L862548		0.24	0.04	0.24	0.49	103	320	0.48	0.03	22.4	0.16	6.76	1.5	7	0.33	2.7
L862549		0.20	0.04	0.25	0.47	355	220	0.57	0.02	25.5	0.47	5.33	1.4	6	0.36	2.1
L862550		0.90	0.02	0.13	0.20	241	40	0.29	0.02	32.8	0.25	5.14	0.8	3	0.20	1.4

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Finalized Date: 23-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104915

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
L862547		0.28	1.18	0.13	0.2	4.01	0.006	0.15	2.8	1.4	0.23	446	0.61	<0.01	0.8	5.1
L862548		0.44	1.44	0.12	0.2	2.71	<0.005	0.20	3.5	2.2	9.53	1300	0.42	0.01	0.9	5.2
L862549		0.55	1.44	0.11	0.2	3.84	<0.005	0.19	2.5	1.8	7.47	1480	0.67	0.01	0.7	7.5
L862550		0.13	0.61	0.10	0.1	1.61	0.010	0.06	2.3	1.0	0.14	860	0.25	0.01	0.3	2.9

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104915

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
L862547		130	56.6	6.0	0.002	0.03	1.38	2.4	2	0.2	42.1	0.05	0.12	0.8	0.021	1.06
L862548		130	5.5	7.4	<0.002	<0.01	0.24	1.1	2	0.2	160.5	0.06	0.05	0.8	0.026	2.16
L862549		120	7.2	7.2	0.002	<0.01	0.63	1.0	2	0.2	145.0	<0.05	0.07	0.7	0.020	2.46
L862550		40	11.9	2.4	0.004	0.04	0.31	1.0	2	<0.2	108.0	<0.05	0.09	0.4	0.008	2.29

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Finalized Date: 23-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104915

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
L862547		7.8	22	0.9	7.3	107	6.9
L862548		1.9	10	1.1	2.0	63	7.9
L862549		2.1	11	1.2	2.4	168	6.2
L862550		2.4	8	0.5	4.9	43	3.4

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 23-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13104915

CERTIFICATE COMMENTS

Applies to Method:

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE WH13110534

Project: Nadaleen

P.O. No.: R13-05

This report is for 130 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N830804		0.05	11.95	1.60	1.17	>10000	60	0.17	0.06	0.19	0.16	6.32	0.9	22	1.68	15.1
N830805		0.22	14.35	1.37	3.07	>10000	140	0.47	0.09	0.35	0.51	8.76	0.9	50	1.42	25.9
N830806		0.28	18.45	1.59	1.89	>10000	110	0.41	0.08	0.43	0.27	15.65	1.3	33	1.30	24.9
N830807		0.16	0.44	0.82	0.51	4650	70	0.16	0.09	0.18	3.37	13.95	14.9	8	0.44	9.1
L862551		0.30	0.01	1.46	6.85	104.5	1360	3.57	0.31	0.27	2.08	54.8	1.3	83	22.8	100.0
L862552		0.33	<0.01	0.08	0.57	14	6680	0.47	0.01	17.70	3.95	4.04	7.2	2	0.42	28.2
L862553		0.42	<0.01	0.06	0.40	6.7	2930	0.22	0.02	5.85	0.75	6.40	2.1	1	0.57	4.0
L862554		0.26	<0.01	0.05	0.12	<5	>10000	0.14	<0.01	22.3	1.39	1.04	1.7	<1	0.11	11.8
L862555		0.34	0.01	1.42	4.86	45.3	4130	1.69	0.23	0.15	0.75	60.9	1.2	114	9.43	24.2
L862556		0.44	<0.01	0.94	4.65	28.4	2790	1.64	0.20	0.07	0.36	58.4	2.9	117	7.66	15.2
L862557		0.39	<0.01	1.43	4.66	47.3	3660	1.66	0.20	0.04	0.19	57.6	0.9	118	7.56	25.3
L862558		0.13	<0.01	0.03	0.69	20.9	140	0.14	0.05	0.05	0.13	14.15	1.5	16	0.54	17.6
L862559		0.41	<0.01	0.37	0.64	11	70	0.50	0.01	23.5	1.40	6.37	0.9	1	0.58	2.0
L862560		0.39	<0.01	0.12	0.20	10	50	0.43	0.01	23.8	0.12	2.95	0.4	<1	0.14	1.1
L862561		0.36	<0.01	0.05	0.05	44	20	0.08	<0.01	23.1	0.06	0.88	0.3	<1	<0.05	0.6
L862562		0.50	<0.01	0.21	0.12	72	20	0.49	<0.01	36.7	0.47	2.37	0.6	<1	0.08	1.3
L862563		0.35	<0.01	0.07	0.11	<5	20	0.13	<0.01	23.3	0.29	1.84	0.3	<1	0.10	1.0
L862564		0.53	0.01	0.06	0.07	28	10	0.09	<0.01	27.8	0.27	1.47	0.7	<1	0.07	1.4
L862565		0.28	<0.01	0.19	0.36	348	30	0.83	0.02	34.5	1.33	4.39	4.5	<1	0.52	2.3
L862566		0.48	<0.01	0.19	0.37	248	30	0.81	0.01	36.4	2.76	4.61	2.3	<1	0.55	2.2
L862567		0.33	<0.01	0.11	0.19	26	10	0.59	0.01	38.8	0.15	4.15	0.6	<1	0.12	1.6
L862568		0.62	0.01	0.37	0.34	350	50	0.85	0.02	36.6	1.74	4.97	6.0	<1	0.59	5.9
L862569		0.44	<0.01	0.13	0.23	389	40	0.69	0.01	36.9	0.44	3.89	0.9	<1	0.18	3.3
L862570		0.22	0.03	0.08	0.02	21	80	0.23	0.01	37.5	0.49	2.32	0.4	<1	<0.05	2.0
L862571		0.43	0.15	0.23	0.10	51	90	0.12	0.02	36.3	0.84	4.34	0.3	<1	0.12	3.0
L862572		0.45	<0.01	0.09	0.09	141	20	0.20	0.01	24.7	1.53	1.35	2.1	<1	0.08	3.6
L862573		0.28	0.01	5.11	5.98	377	1110	1.40	0.25	0.07	0.15	69.1	0.8	87	16.00	7.1
L862574		0.40	<0.01	0.52	5.97	427	1290	1.35	0.20	0.05	0.10	63.3	0.8	98	12.85	12.2
L862575		0.27	<0.01	0.50	3.60	141.0	1090	0.82	0.14	0.09	0.41	43.9	0.8	64	6.48	11.1
L862576		0.42	<0.01	1.07	4.37	39.5	4930	1.53	0.19	0.03	0.10	56.9	0.8	94	10.50	7.1
L862577		0.42	<0.01	1.17	6.24	192.5	3690	5.43	0.20	0.80	2.68	60.8	31.5	87	9.24	323
L862578		0.58	<0.01	0.48	6.06	302	2300	7.01	0.12	0.55	3.93	39.2	54.1	64	5.25	363
L862579		0.45	<0.01	0.07	3.24	301	2820	6.21	0.04	0.08	6.79	5.34	95.1	28	0.49	395
L862580		0.21	<0.01	0.14	3.71	952	3550	13.10	0.08	0.21	6.53	16.45	138.0	82	0.98	436
L862581		0.30	<0.01	1.79	9.23	97.5	2790	1.93	1.20	0.47	0.27	110.0	1.1	70	20.0	47.1
L862582		0.33	<0.01	1.18	5.05	145.0	790	3.41	0.18	1.31	12.90	43.0	18.9	93	9.17	348
L862583		0.41	<0.01	2.43	7.03	80.2	2620	3.84	0.33	1.61	1.33	61.7	1.6	137	17.35	94.7
L862584		0.54	<0.01	0.78	3.89	87.7	1500	2.47	0.12	5.61	17.85	33.4	15.6	44	6.02	210
L862585		0.36	<0.01	0.69	6.16	314	1330	2.39	0.28	0.30	1.51	72.2	10.0	92	17.65	98.0
L862586		0.22	<0.01	0.92	6.06	354	1230	2.20	0.26	0.33	1.29	76.4	4.8	105	15.80	62.2

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N830804		1.20	4.43	0.05	0.6	17.0	<0.005	0.47	3.9	59.8	0.11	96	0.55	0.02	2.2	3.8
N830805		3.19	9.41	<0.05	1.5	34.4	0.013	0.99	4.5	34.4	0.23	36	1.19	0.01	4.3	2.7
N830806		1.93	5.42	0.07	0.9	37.8	<0.005	0.66	7.1	53.5	0.15	56	0.64	0.01	2.6	3.2
N830807		>50	1.95	0.35	0.7	14.7	<0.005	0.21	9.8	1.1	0.18	603	8.11	<0.01	2.0	10.2
L862551		4.30	20.2	0.16	4.2	0.62	0.073	3.32	24.4	26.4	0.57	26	72.0	0.20	14.1	41.9
L862552		1.92	0.86	0.07	0.2	0.1	<0.005	0.26	2.5	7.2	8.48	1240	2.46	0.01	0.5	86.0
L862553		0.63	0.79	0.07	0.3	0.07	<0.005	0.13	3.8	1.9	2.12	282	1.44	0.03	0.6	20.7
L862554		0.22	0.29	0.07	<0.1	0.02	<0.005	0.03	0.8	1.6	0.54	361	0.68	<0.01	0.2	18.1
L862555		1.60	13.90	0.16	2.8	0.65	0.027	2.14	34.5	12.1	0.37	53	7.63	0.07	17.7	16.8
L862556		1.22	13.60	0.18	2.8	0.51	0.022	1.92	33.6	22.6	0.38	101	5.54	0.04	17.3	16.3
L862557		1.76	13.95	0.17	2.8	0.57	0.022	1.96	33.4	13.7	0.36	24	9.67	0.04	16.9	17.4
L862558		1.43	1.73	0.08	0.6	0.03	<0.005	0.22	6.1	33.5	0.04	384	1.86	0.02	2.7	4.3
L862559		0.34	1.62	0.08	0.3	0.85	<0.005	0.37	2.8	3.7	10.80	48	1.92	0.02	1.0	4.2
L862560		0.11	0.48	0.07	0.1	0.22	<0.005	0.09	1.4	2.1	11.65	40	0.76	0.02	0.3	1.4
L862561		0.04	0.15	0.06	<0.1	0.04	<0.005	0.02	<0.5	0.6	10.85	86	0.07	0.02	0.1	0.7
L862562		0.12	0.34	0.07	0.1	2.1	<0.005	0.04	1.2	0.7	2.42	435	0.28	0.01	0.1	1.2
L862563		0.07	0.26	0.06	<0.1	0.25	<0.005	0.07	0.9	0.9	12.10	46	0.12	0.02	0.2	0.8
L862564		0.11	0.16	0.07	<0.1	0.5	<0.005	0.04	1.3	0.6	8.66	235	0.17	0.01	0.1	2.4
L862565		1.10	0.88	0.08	0.2	0.7	<0.005	0.15	2.1	1.4	1.88	600	1.76	0.01	0.5	63.7
L862566		0.64	0.91	0.08	0.2	0.73	<0.005	0.15	2.1	1.3	0.49	580	1.23	0.01	0.5	34.2
L862567		0.14	0.50	0.06	0.1	0.2	<0.005	0.08	1.9	0.7	0.31	259	0.20	<0.01	0.3	1.0
L862568		1.27	0.95	0.05	0.2	0.70	0.007	0.12	2.4	1.3	0.71	687	2.99	0.01	0.6	85.8
L862569		0.38	0.66	0.05	0.1	4.15	0.005	0.09	2.0	1.0	0.34	396	0.56	0.01	0.4	6.6
L862570		0.05	0.09	0.05	<0.1	0.62	<0.005	<0.01	4.1	0.4	0.11	211	0.10	<0.01	<0.1	<0.2
L862571		0.09	0.30	0.08	<0.1	1.02	<0.005	0.03	6.3	0.6	0.07	202	0.51	0.02	0.2	3.0
L862572		0.40	0.27	0.08	<0.1	0.19	<0.005	0.03	0.8	0.9	8.94	155	0.89	0.01	0.2	15.8
L862573		1.89	18.20	0.19	3.3	0.51	0.054	2.81	38.8	10.2	0.40	18	6.48	0.04	18.9	14.9
L862574		1.27	17.50	0.14	2.9	0.24	0.063	2.68	36.3	11.0	0.41	18	4.00	0.04	17.9	17.1
L862575		1.16	11.30	0.13	2.1	0.54	0.019	1.59	24.7	8.1	0.24	28	1.74	0.03	10.4	12.1
L862576		0.88	14.70	0.14	2.6	0.87	0.026	1.85	34.5	14.7	0.32	21	3.56	0.03	17.7	15.0
L862577		7.42	13.60	0.24	2.0	0.45	0.070	1.66	36.6	28.4	0.36	432	23.9	0.11	9.0	344
L862578		12.85	7.18	0.18	1.2	0.27	0.077	0.76	20.8	16.4	0.17	547	27.2	0.04	4.0	783
L862579		18.85	1.13	0.09	0.1	0.1	0.054	0.05	2.2	4.5	0.09	915	18.05	0.01	0.3	1045
L862580		33.1	2.88	0.16	0.3	0.2	0.185	0.13	7.0	5.7	0.10	1100	37.8	0.01	0.7	1565
L862581		4.48	24.7	0.24	4.8	0.8	0.072	3.72	59.4	20.5	0.53	18	48.0	0.12	17.2	55.5
L862582		9.39	16.10	0.24	1.9	0.43	0.058	1.43	19.9	17.8	0.29	258	45.2	0.05	7.1	264
L862583		5.06	21.5	0.27	2.9	0.9	0.077	2.90	41.6	27.6	0.58	30	30.4	0.08	13.2	74.8
L862584		5.02	8.74	0.18	1.3	0.54	0.047	1.11	19.4	14.4	1.51	708	29.7	0.10	4.9	316
L862585		3.09	18.20	0.16	3.0	1.04	0.065	2.75	39.4	12.7	0.51	183	4.51	0.04	18.9	61.6
L862586		2.41	17.15	0.14	3.1	0.78	0.065	2.61	42.7	12.6	0.48	74	4.93	0.04	17.8	41.4

***** See Appendix Page for comments regarding this certificate *****

Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N830804		100	5.9	23.1	0.003	1.86	121.0	1.2	1	0.9	45.4	0.18	0.06	2.0	0.067	14.10
N830805		580	16.9	45.2	0.004	0.03	173.5	2.1	1	1.3	160.5	0.32	0.14	8.3	0.128	109.0
N830806		470	18.9	31.1	0.002	0.02	70.8	1.1	<1	0.9	283	0.20	0.14	6.5	0.074	55.6
N830807		320	276	7.6	0.002	0.14	3.21	1.3	<1	0.5	44.2	0.16	<0.05	2.2	0.067	7.82
L862551		970	33.7	159.0	0.009	1.35	7.01	10.4	23	2.8	336	1.04	0.33	20.9	0.388	20.7
L862552		610	1.3	15.6	0.005	0.17	0.92	1.3	1	<0.2	1370	<0.05	<0.05	0.4	0.018	0.41
L862553		100	1.3	6.1	0.004	0.18	0.55	1.0	1	<0.2	1320	0.06	<0.05	0.7	0.015	0.32
L862554		140	1.0	1.3	0.002	0.02	0.24	0.4	1	<0.2	1550	<0.05	<0.05	<0.2	0.006	0.16
L862555		460	28.0	112.0	0.010	0.40	6.10	7.9	6	1.7	97.2	1.09	0.16	8.5	0.353	2.59
L862556		270	10.7	103.0	0.011	0.21	4.98	7.6	5	1.7	65.9	1.13	0.11	5.9	0.363	1.32
L862557		290	12.7	102.0	0.006	0.44	7.42	8.6	8	1.6	105.5	1.11	0.15	6.7	0.349	1.07
L862558		230	12.3	13.1	<0.002	0.01	0.49	0.7	<1	0.3	9.1	0.18	<0.05	1.4	0.067	0.08
L862559		150	4.9	15.2	0.002	0.02	0.37	1.1	<1	0.2	190.5	0.07	<0.05	0.9	0.034	0.53
L862560		90	26.9	3.7	<0.002	0.02	0.34	0.4	<1	<0.2	162.5	<0.05	<0.05	0.3	0.011	0.16
L862561		40	7.2	0.7	<0.002	<0.01	0.08	0.1	<1	<0.2	130.5	<0.05	<0.05	<0.2	<0.005	0.18
L862562		50	10.9	1.6	0.003	0.01	0.33	0.8	<1	<0.2	38.2	<0.05	<0.05	0.2	0.006	0.45
L862563		60	1.0	3.7	<0.002	0.01	0.09	0.2	<1	<0.2	114.5	<0.05	<0.05	0.2	0.006	0.14
L862564		40	1.2	2.1	<0.002	<0.01	0.19	0.2	<1	<0.2	131.5	<0.05	<0.05	<0.2	<0.005	0.08
L862565		160	31.3	6.3	<0.002	<0.01	0.88	0.8	<1	<0.2	37.8	<0.05	<0.05	0.5	0.019	0.60
L862566		210	27.9	6.0	0.002	<0.01	0.66	1.2	<1	<0.2	29.9	<0.05	<0.05	0.5	0.019	0.73
L862567		70	7.8	2.8	<0.002	<0.01	0.24	0.6	<1	<0.2	16.4	<0.05	<0.05	0.3	0.009	0.14
L862568		180	37.8	5.3	0.002	<0.01	0.80	0.9	3	0.2	35.6	<0.05	<0.05	0.6	0.019	0.83
L862569		90	6.6	3.8	<0.002	0.02	0.59	1.8	5	0.4	20.1	<0.05	<0.05	0.3	0.012	0.40
L862570		100	3.6	0.2	0.002	<0.01	0.42	0.8	4	0.3	135.0	<0.05	0.08	<0.2	<0.005	0.15
L862571		680	108.0	1.1	0.002	<0.01	7.71	1.3	5	0.4	80.5	<0.05	0.19	0.2	0.006	0.17
L862572		100	10.9	1.3	<0.002	<0.01	0.60	0.8	3	0.4	90.5	<0.05	<0.05	<0.2	0.005	0.10
L862573		600	333	139.0	0.004	0.46	5.78	9.8	4	2.3	69.0	1.21	0.23	12.5	0.393	2.43
L862574		1050	10.9	126.5	0.003	0.14	3.58	10.2	5	2.1	87.4	1.13	0.17	8.3	0.380	2.60
L862575		260	12.2	76.7	0.003	0.24	1.74	5.8	<1	1.3	81.2	0.64	0.20	5.7	0.245	1.92
L862576		400	14.3	95.4	0.040	0.23	3.79	8.1	9	1.7	123.5	1.01	0.11	6.4	0.305	1.22
L862577		8220	15.0	92.2	0.027	0.35	8.21	18.9	18	1.7	616	0.57	0.25	7.9	0.254	7.20
L862578		8450	7.1	43.4	0.019	0.43	7.61	16.6	16	1.0	1280	0.25	0.36	4.1	0.118	3.41
L862579		4480	0.7	3.0	0.013	0.32	2.92	8.1	9	0.4	1385	<0.05	<0.05	0.7	0.010	0.17
L862580		>10000	2.3	7.2	0.012	0.50	9.89	22.8	12	0.7	1430	0.05	0.18	2.1	0.024	0.44
L862581		2260	41.3	169.5	0.069	1.16	6.80	11.0	30	5.4	463	1.55	0.38	25.5	0.379	19.20
L862582		4370	9.6	80.5	0.018	0.66	9.36	12.0	52	2.2	844	0.44	0.38	5.6	0.197	11.20
L862583		>10000	19.5	161.5	0.075	0.54	8.19	15.4	52	2.8	373	0.86	0.27	9.7	0.397	11.85
L862584		3940	9.1	54.6	0.055	0.30	5.84	9.5	30	1.7	1130	0.32	0.26	5.4	0.157	8.79
L862585		910	17.8	131.0	0.004	0.13	4.30	14.2	5	2.4	74.4	1.12	0.13	10.5	0.385	1.98
L862586		850	19.6	123.5	0.004	0.13	3.87	12.8	3	2.2	77.1	1.16	0.17	8.9	0.389	1.85

***** See Appendix Page for comments regarding this certificate *****

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1	Ba-XRF10 Ba % 0.01
N830804		5.7	32	1.7	1.5	28	18.4				4.47		
N830805		16.1	73	4.0	2.5	46	49.8				6.21		
N830806		12.2	41	2.3	6.6	48	27.7				3.13		
N830807		3.2	5	3.1	5.0	1900	26.0						
L862551		8.1	739	1.3	18.1	111	127.5						
L862552		1.9	92	0.1	12.3	679	9.3						
L862553		1.8	20	0.1	6.1	120	11.7						
L862554		0.5	17	0.1	2.7	124	2.1						24.0
L862555		4.2	576	1.2	16.4	61	109.5						
L862556		3.6	583	1.2	14.5	57	114.0						
L862557		3.3	593	1.2	14.4	59	111.0						
L862558		0.6	18	0.3	1.7	35	18.8						
L862559		3.2	9	0.6	2.0	256	9.1						
L862560		2.3	4	0.3	1.1	28	2.8						
L862561		1.3	2	0.1	0.4	4	0.7						
L862562		2.9	11	0.3	4.4	41	1.8						
L862563		1.5	4	0.1	0.9	43	1.6						
L862564		1.5	4	0.1	1.9	42	1.0						
L862565		11.9	16	0.4	3.2	449	6.2						
L862566		9.1	14	0.4	4.0	442	6.1						
L862567		4.9	11	0.2	2.6	12	3.0						
L862568		14.0	16	0.4	4.0	498	7.5						
L862569		5.7	16	0.3	9.1	81	4.4						
L862570		2.5	3	0.1	6.4	47	1.1						
L862571		6.8	11	0.3	9.1	33	1.9						
L862572		1.4	6	0.1	4.6	199	1.8						
L862573		3.4	372	5.1	13.9	15	115.0						
L862574		3.5	404	2.7	15.3	15	105.5						
L862575		2.4	197	1.9	11.5	14	80.4						
L862576		3.5	459	1.6	15.9	20	101.0						
L862577		31.3	741	0.9	79.6	1340	81.6						
L862578		44.7	566	0.5	98.8	3380	49.4						
L862579		43.2	297	0.1	90.7	5620	8.5						
L862580		88.4	1180	0.2	91.2	6130	23.4						
L862581		10.3	719	1.4	12.5	52	127.5						
L862582		18.5	966	0.8	79.6	1770	68.5						
L862583		12.7	1020	1.5	43.3	175	104.0						
L862584		12.8	583	0.5	47.6	1040	52.6						
L862585		4.1	366	3.2	23.8	287	115.5						
L862586		4.8	433	2.5	20.4	206	110.5						

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
L862587	0.28	<0.01	0.06	0.11	51	30	0.23	0.01	27.1	0.28	2.59	0.4	<1	0.12	2.2
L862588	0.50	<0.01	0.06	0.13	16	40	0.18	0.01	24.0	0.46	2.16	0.2	<1	0.10	1.7
L862589	0.56	<0.01	0.38	0.15	136	20	0.41	0.02	38.5	0.68	4.06	0.7	<1	0.14	2.0
L862590	0.30	<0.01	0.06	0.04	19	10	0.35	0.01	38.7	0.15	1.99	0.3	<1	<0.05	1.4
L862591	0.56	<0.01	0.12	0.06	19	10	0.45	0.01	38.4	0.27	1.55	0.5	<1	0.05	1.4
L862592	0.33	<0.01	0.03	0.14	10	60	0.16	0.01	23.0	0.07	1.72	0.4	<1	0.15	1.7
L862593	0.40	<0.01	1.00	3.47	10.1	2330	1.04	0.16	0.08	0.09	35.0	2.6	76	8.30	23.3
L862594	0.34	<0.01	0.81	3.61	16.1	1410	0.95	0.17	0.05	0.09	43.5	4.1	81	9.72	32.0
L862595	0.40	<0.01	0.05	0.09	23	20	0.32	0.01	34.1	0.12	1.65	0.4	<1	0.08	1.5
L862596	0.31	<0.01	0.11	0.11	35	30	0.11	0.02	24.0	0.76	3.90	0.5	<1	0.11	1.5
L862597	0.49	<0.01	0.37	0.08	76	20	0.36	0.01	37.4	1.03	2.39	2.0	<1	0.07	1.7
L862598	0.23	<0.01	0.11	0.06	33	40	0.34	0.01	35.4	0.31	2.58	2.4	<1	0.05	2.1
L862599	0.44	<0.01	0.19	0.16	52	50	0.37	0.01	34.0	2.17	2.92	5.1	<1	0.29	3.2
L862600	0.30	<0.01	1.32	4.38	264	1200	1.40	0.20	0.22	1.04	49.7	8.2	167	5.97	65.2
L862601	0.31	<0.01	0.31	0.25	147	70	0.25	0.02	36.2	2.78	6.11	1.4	1	0.23	2.2
L862602	0.28	<0.01	0.03	0.04	14	20	0.10	0.01	38.4	0.37	0.82	0.4	<1	<0.05	1.6
L862603	0.34	<0.01	0.03	0.03	57	30	0.14	0.01	37.8	0.33	2.31	0.4	<1	<0.05	1.0
L862604	0.25	<0.01	0.10	0.24	544	170	0.21	0.02	37.4	0.62	4.87	1.0	8	0.23	1.5
L862605	0.45	<0.01	0.76	0.13	93	40	0.14	0.01	27.8	5.18	1.15	0.4	2	0.08	1.3
L862606	0.26	<0.01	0.07	0.20	72	30	0.26	0.01	29.0	4.56	1.08	0.9	2	0.09	9.4
L862607	0.32	<0.01	0.10	0.19	72	160	0.14	0.01	30.0	2.56	1.64	1.0	3	0.29	1.8
L862608	0.29	0.01	0.10	0.09	123	20	0.22	0.01	36.3	0.86	1.64	0.6	4	0.09	0.8
L862609	0.24	<0.01	0.15	0.28	67	210	0.63	<0.01	35.9	1.82	2.63	0.3	3	0.16	1.3
L862610	0.41	<0.01	0.25	0.05	19	10	0.33	0.01	35.9	1.64	1.23	0.3	1	<0.05	1.1
L862611	0.31	<0.01	0.20	0.44	87	90	0.75	0.01	33.2	1.08	4.12	0.6	5	0.32	1.7
L862612	0.35	<0.01	0.08	0.24	44	30	0.22	<0.01	31.9	0.63	2.48	1.1	2	0.32	1.5
L862613	0.35	<0.01	2.88	0.28	132	100	0.45	0.01	36.5	8.52	3.97	0.3	4	0.29	1.8
L862614	0.46	<0.01	0.22	0.20	394	60	0.49	0.01	37.2	0.99	3.10	0.8	4	0.20	1.2
L862615	0.35	0.01	0.29	0.27	825	80	0.36	0.01	37.2	1.16	2.98	1.1	4	0.24	1.3
L862616	0.33	<0.01	0.03	0.07	46	20	0.36	<0.01	36.5	0.11	1.00	0.3	2	0.06	0.8
L862617	0.35	<0.01	0.03	0.07	33	10	0.22	<0.01	33.2	0.13	0.78	0.3	1	0.05	0.9
L862618	0.50	<0.01	0.03	0.09	8	20	0.09	<0.01	24.2	0.07	0.88	0.3	2	0.07	0.8
L862619	0.42	0.01	1.91	0.58	289	250	0.47	0.02	35.8	2.88	6.75	0.6	7	0.46	3.1
L862620	0.34	0.01	0.29	4.43	30.0	1240	1.14	0.19	0.21	0.36	40.9	7.2	175	14.60	67.2
L862621	0.33	0.01	0.70	5.22	16.1	1930	1.11	0.22	0.12	0.25	48.4	4.6	99	6.21	32.1
L862622	0.24	0.01	0.12	0.07	22	20	0.23	<0.01	37.1	1.15	0.94	0.3	2	0.05	0.9
L862623	0.39	<0.01	0.11	0.22	100	30	0.37	0.01	36.8	0.23	2.51	0.4	3	0.18	2.0
L862624	0.59	<0.01	0.03	0.09	<5	10	0.09	<0.01	23.8	0.51	2.40	0.3	4	0.08	5.5
L862625	0.39	<0.01	0.43	0.66	183	60	0.66	0.02	32.6	0.89	9.46	1.3	9	1.12	3.3
L862626	0.51	<0.01	0.07	0.11	37	20	0.28	<0.01	34.4	0.25	1.36	0.5	3	0.12	1.3

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
L862587		0.13	0.27	<0.05	0.1	0.3	<0.005	0.03	1.4	0.8	8.96	142	0.25	0.02	0.2	1.3
L862588		0.07	0.32	0.08	<0.1	0.23	<0.005	0.05	1.0	0.9	11.25	80	0.10	0.02	0.2	<0.2
L862589		0.21	0.46	0.08	0.1	2.84	0.005	0.05	2.1	0.9	0.18	371	0.40	0.01	0.3	0.8
L862590		0.05	0.14	0.06	<0.1	0.26	<0.005	0.01	1.1	0.4	0.15	480	0.12	<0.01	0.1	<0.2
L862591		0.06	0.21	0.07	<0.1	0.38	<0.005	0.02	0.8	0.5	0.22	470	0.16	<0.01	0.1	<0.2
L862592		0.08	0.43	0.14	0.1	0.07	0.005	0.06	0.9	1.2	11.60	37	0.32	0.02	0.3	0.7
L862593		1.33	10.60	0.14	1.6	0.26	0.031	1.00	25.3	17.1	0.16	24	3.78	0.04	6.6	26.8
L862594		1.60	10.40	0.14	2.1	0.13	0.040	1.11	28.0	9.9	0.19	22	5.14	0.04	7.8	37.3
L862595		0.09	0.26	0.09	<0.1	0.23	<0.005	0.02	0.7	0.8	2.87	283	0.16	0.01	0.2	0.5
L862596		0.10	0.34	0.12	0.1	0.28	<0.005	0.04	2.0	0.9	11.10	91	0.27	0.01	0.2	1.2
L862597		0.27	0.25	0.08	<0.1	1.98	<0.005	0.02	1.2	0.4	0.40	434	0.40	<0.01	0.1	9.0
L862598		0.27	0.18	0.09	<0.1	2.03	<0.005	0.01	1.2	0.4	1.59	325	0.32	<0.01	0.1	18.0
L862599		0.56	0.45	0.07	0.1	1.45	<0.005	0.07	1.5	0.5	1.07	451	0.43	<0.01	0.3	22.6
L862600		3.48	12.40	0.14	1.9	0.15	0.046	1.16	37.1	15.7	0.22	94	8.35	0.05	10.0	97.8
L862601		0.28	0.76	0.06	0.1	6.20	<0.005	0.09	4.2	0.8	0.08	260	9.57	0.01	0.5	8.0
L862602		0.06	0.15	0.05	<0.1	0.59	<0.005	0.01	0.6	0.4	0.05	257	1.08	<0.01	0.1	<0.2
L862603		0.08	0.13	0.07	<0.1	0.76	<0.005	0.01	3.2	0.4	0.08	198	0.80	<0.01	0.1	<0.2
L862604		0.48	0.58	0.08	0.1	10.05	<0.005	0.09	4.0	0.7	0.08	278	6.35	<0.01	0.4	6.6
L862605		0.10	0.35	0.20	<0.1	7.8	<0.005	0.05	0.5	0.7	9.67	126	0.22	0.02	0.2	1.2
L862606		0.22	0.28	0.25	<0.1	0.83	<0.005	0.02	0.6	0.6	8.36	208	0.69	0.01	0.1	5.5
L862607		0.19	0.51	0.25	0.1	1.14	<0.005	0.07	0.8	0.8	7.09	186	0.83	0.01	0.3	11.8
L862608		0.14	0.23	0.22	<0.1	2.83	<0.005	0.02	1.3	0.3	0.09	270	1.17	0.01	0.1	3.9
L862609		0.12	0.69	0.19	0.1	1.99	<0.005	0.11	1.3	0.7	0.38	490	0.24	<0.01	0.4	1.2
L862610		0.04	0.18	0.17	<0.1	1.83	<0.005	0.01	0.8	0.2	0.42	423	0.08	<0.01	0.1	0.9
L862611		0.20	1.11	0.16	0.2	4.67	<0.005	0.19	2.0	1.4	1.13	330	0.64	0.01	0.7	2.5
L862612		0.13	0.58	0.19	0.1	0.41	<0.005	0.10	1.2	0.8	5.92	213	0.31	0.01	0.4	4.3
L862613		0.19	0.72	0.18	0.1	16.0	<0.005	0.09	2.9	0.9	0.15	420	1.04	<0.01	0.7	1.5
L862614		0.36	0.48	0.16	0.1	7.8	<0.005	0.07	2.2	0.6	0.16	441	0.72	<0.01	0.3	3.3
L862615		0.69	0.63	0.13	0.1	16.5	<0.005	0.08	2.2	0.8	0.10	473	0.83	<0.01	0.4	5.8
L862616		0.07	0.18	0.12	<0.1	0.63	<0.005	0.02	0.6	0.3	0.21	309	0.14	<0.01	0.1	0.6
L862617		0.07	0.17	0.17	<0.1	0.22	<0.005	0.02	<0.5	0.3	3.87	218	0.16	0.01	0.1	1.2
L862618		0.06	0.23	0.21	<0.1	0.20	<0.005	0.03	0.5	0.6	11.35	67	0.18	0.02	0.1	0.7
L862619		0.40	1.45	0.22	0.2	18.4	<0.005	0.20	4.5	1.8	0.18	527	2.16	0.02	1.1	4.4
L862620		3.25	11.75	0.24	2.1	0.09	0.036	1.30	31.2	13.5	0.25	53	10.35	0.04	7.7	122.0
L862621		2.68	14.45	0.19	2.5	0.43	0.043	1.59	29.8	18.2	0.51	61	5.00	0.16	10.1	34.8
L862622		0.07	0.16	0.15	<0.1	1.3	<0.005	0.02	0.5	0.3	0.37	323	0.12	<0.01	0.1	0.5
L862623		0.15	0.55	0.17	0.1	0.97	<0.005	0.09	1.2	0.6	0.21	336	0.23	<0.01	0.4	2.2
L862624		0.06	0.24	0.22	<0.1	0.08	<0.005	0.03	2.3	0.6	12.00	33	0.15	0.02	0.2	2.5
L862625		0.39	1.64	0.22	0.3	3.83	<0.005	0.28	4.0	2.0	2.07	331	0.52	0.01	1.1	10.2
L862626		0.10	0.29	0.18	0.1	0.32	<0.005	0.03	0.7	0.4	2.52	216	0.21	0.01	0.2	2.3

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
L862587		60	3.3	1.5	<0.002	<0.01	0.29	0.8	1	0.3	93.3	<0.05	<0.05	0.2	0.005	0.09
L862588		50	22.1	2.0	<0.002	<0.01	1.13	0.4	<1	0.3	142.0	<0.05	<0.05	0.2	0.005	0.03
L862589		70	30.1	2.3	<0.002	<0.01	1.38	2.2	1	0.3	31.8	<0.05	<0.05	0.4	0.010	0.17
L862590		40	4.0	0.4	<0.002	<0.01	0.32	1.4	1	0.3	12.0	<0.05	<0.05	<0.2	<0.005	0.02
L862591		80	13.5	0.8	<0.002	<0.01	0.55	1.0	4	0.3	12.7	<0.05	<0.05	<0.2	<0.005	0.04
L862592		50	1.1	2.4	<0.002	0.01	0.26	0.3	1	0.3	142.0	<0.05	0.06	0.2	0.009	0.05
L862593		580	9.1	63.8	0.014	0.17	1.79	6.7	7	1.3	104.5	0.41	0.06	3.7	0.206	0.41
L862594		470	9.3	65.9	0.032	0.11	2.48	10.5	5	1.5	127.0	0.52	0.18	4.7	0.240	0.51
L862595		40	2.7	1.1	<0.002	<0.01	0.30	0.5	<1	0.4	22.0	<0.05	<0.05	<0.2	<0.005	0.14
L862596		80	22.1	1.8	<0.002	<0.01	0.53	0.7	<1	0.2	94.1	<0.05	<0.05	0.2	0.005	0.13
L862597		70	59.3	1.1	<0.002	0.01	1.31	0.8	1	<0.2	19.1	<0.05	<0.05	<0.2	<0.005	0.33
L862598		50	8.3	0.7	<0.002	<0.01	0.64	0.2	<1	0.2	31.7	<0.05	0.10	<0.2	<0.005	0.45
L862599		70	31.5	2.9	<0.002	<0.01	0.78	0.8	<1	0.2	18.9	<0.05	<0.05	0.2	0.006	0.23
L862600		1110	13.1	70.0	0.006	0.07	3.03	10.5	8	1.5	178.0	0.62	<0.05	7.3	0.267	0.81
L862601		1280	60.6	4.2	0.004	<0.01	2.35	2.7	4	0.3	54.9	<0.05	0.19	0.5	0.012	1.44
L862602		200	14.0	0.6	0.006	<0.01	0.35	2.2	1	0.3	46.2	<0.05	0.08	<0.2	<0.005	0.15
L862603		370	5.7	0.4	0.002	<0.01	0.40	1.0	1	0.3	90.7	<0.05	0.11	<0.2	<0.005	0.08
L862604		1740	16.5	2.9	0.003	0.02	1.61	2.5	2	<0.2	72.6	<0.05	<0.05	0.4	0.012	0.75
L862605		30	98.3	1.6	<0.002	<0.01	2.77	0.3	<1	<0.2	122.0	<0.05	<0.05	0.2	0.007	0.06
L862606		50	24.5	1.0	<0.002	<0.01	1.07	0.5	1	<0.2	92.9	<0.05	<0.05	<0.2	<0.005	0.23
L862607		130	10.2	2.8	<0.002	<0.01	1.07	0.5	1	<0.2	117.5	<0.05	<0.05	0.3	0.011	2.24
L862608		110	9.0	0.9	0.008	0.01	0.67	4.2	1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	0.23
L862609		140	24.8	3.6	<0.002	0.01	0.43	1.0	<1	<0.2	45.6	<0.05	<0.05	0.4	0.012	0.17
L862610		60	9.0	0.5	<0.002	0.01	0.20	1.2	<1	<0.2	21.0	<0.05	<0.05	<0.2	<0.005	0.11
L862611		140	22.7	6.3	<0.002	0.01	0.58	1.0	1	0.2	57.0	0.05	<0.05	0.6	0.023	0.39
L862612		210	4.9	3.5	<0.002	<0.01	0.34	0.5	<1	<0.2	87.7	<0.05	<0.05	0.3	0.010	2.31
L862613		140	1815	3.1	<0.002	0.02	4.52	1.7	<1	<0.2	35.2	<0.05	<0.05	0.4	0.014	0.25
L862614		100	44.1	2.3	<0.002	0.04	2.29	2.2	1	<0.2	26.8	<0.05	<0.05	0.3	0.009	1.12
L862615		120	34.4	2.7	<0.002	0.06	2.10	1.8	3	<0.2	22.2	<0.05	<0.05	0.4	0.011	1.52
L862616		60	7.6	0.8	<0.002	0.01	0.22	1.0	1	<0.2	21.3	<0.05	<0.05	<0.2	<0.005	0.29
L862617		70	2.1	0.8	<0.002	<0.01	0.25	0.4	<1	<0.2	63.8	<0.05	<0.05	<0.2	<0.005	0.16
L862618		60	1.6	1.1	<0.002	<0.01	0.08	0.2	1	<0.2	147.5	<0.05	<0.05	<0.2	<0.005	0.06
L862619		470	449	6.7	<0.002	0.01	6.79	2.1	4	0.2	55.5	0.07	<0.05	0.9	0.032	0.40
L862620		860	11.6	74.8	0.006	0.03	2.57	8.5	15	1.3	92.8	0.51	0.10	6.2	0.270	0.54
L862621		630	11.7	81.4	0.010	0.13	1.49	8.9	4	1.5	113.5	0.66	0.11	6.6	0.389	1.16
L862622		60	6.5	0.6	<0.002	<0.01	0.25	0.4	<1	<0.2	51.7	<0.05	<0.05	<0.2	<0.005	0.08
L862623		70	6.7	3.1	<0.002	0.01	0.50	0.5	1	<0.2	15.9	<0.05	<0.05	0.3	0.012	0.22
L862624		70	1.0	1.2	<0.002	<0.01	0.17	0.2	1	<0.2	111.5	<0.05	<0.05	<0.2	<0.005	0.04
L862625		180	31.1	9.7	<0.002	0.02	1.01	2.0	3	0.2	111.0	0.07	<0.05	1.0	0.033	0.98
L862626		60	5.1	1.4	<0.002	<0.01	0.35	0.5	<1	<0.2	32.7	<0.05	<0.05	0.2	0.005	0.86

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS WH13110534

Sample Description / Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Ag- OG62	Pb- OG62	Zn- OG62	As- OG62	Hg- CV42	Ba- XRF10
Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg	Ba
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	%
LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.1	0.01
L862587	2.9	8	0.1	2.8	35	2.7						
L862588	1.8	5	0.2	1.0	38	1.7						
L862589	5.9	15	0.3	7.9	72	3.6						
L862590	5.4	14	0.1	8.5	13	1.4						
L862591	4.1	9	0.2	4.6	19	1.5						
L862592	1.0	3	0.1	0.8	22	2.1						
L862593	2.4	175	0.8	9.9	77	60.7						
L862594	4.3	200	1.2	15.1	133	68.6						
L862595	5.5	7	0.2	2.5	20	1.6						
L862596	1.5	6	0.1	2.6	46	8.7						
L862597	4.5	8	0.2	5.1	93	2.1						
L862598	3.5	5	0.1	1.9	110	2.1						
L862599	3.0	7	0.2	4.7	260	3.4						
L862600	5.6	255	1.1	35.1	392	81.3						
L862601	22.2	22	0.4	11.8	245	4.1						
L862602	9.7	12	0.1	6.3	28	1.1						
L862603	9.7	12	0.1	8.2	16	1.1						
L862604	24.4	20	0.4	10.5	81	3.5						
L862605	2.1	6	0.1	0.5	217	1.4						
L862606	2.2	12	0.2	1.3	165	1.5						
L862607	2.9	5	0.3	1.0	440	2.8						
L862608	9.0	19	0.2	10.3	28	2.0						
L862609	3.5	9	0.3	3.6	46	3.2						
L862610	3.1	8	0.1	4.4	95	1.0						
L862611	3.8	14	0.5	5.0	133	6.3						
L862612	2.7	5	0.1	1.0	320	3.2						
L862613	6.2	11	0.5	4.5	226	4.5						
L862614	5.9	14	0.3	6.4	100	3.0						
L862615	9.0	19	0.4	8.7	145	3.5						
L862616	3.8	7	0.1	4.0	15	1.1						
L862617	4.3	7	0.1	2.0	42	1.0						
L862618	2.0	4	0.1	0.6	30	1.3						
L862619	8.6	19	0.9	7.8	243	8.4						
L862620	6.2	258	1.0	18.4	470	75.6						
L862621	3.9	253	1.4	16.1	125	89.5						
L862622	4.0	7	0.1	2.6	13	1.9						
L862623	2.7	8	0.3	1.6	37	3.2						
L862624	1.6	6	0.1	4.3	49	1.2						
L862625	4.5	13	0.5	5.4	531	9.6						
L862626	3.2	7	0.1	2.6	65	1.9						

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
L862627		0.41	<0.01	3.12	0.13	259	40	0.29	<0.01	36.4	2.79	2.59	0.4	4	0.10	2.9
L862628		0.24	0.01	10.60	0.20	669	80	0.29	0.02	36.3	10.45	3.65	1.6	5	0.19	8.3
L862629		0.33	0.01	0.66	0.24	748	120	0.26	0.01	36.4	13.20	5.76	1.1	5	0.22	4.2
L862630		0.34	<0.01	0.03	0.30	5	30	0.18	0.01	23.7	0.92	2.88	0.5	3	0.73	2.6
L862631		0.37	<0.01	0.32	0.08	53	50	0.26	0.01	36.9	1.35	1.67	0.3	2	0.06	1.5
L862632		0.29	<0.01	0.27	0.07	35	40	0.21	<0.01	36.5	0.57	0.87	0.3	1	0.05	1.7
L862633		0.30	<0.01	0.04	0.08	100	20	0.26	<0.01	34.9	0.98	0.87	0.3	2	0.06	1.1
L862634		0.36	<0.01	6.44	0.24	339	70	0.30	0.01	35.5	24.1	4.12	0.8	8	0.18	6.2
L862635		0.21	<0.01	0.10	0.05	50	10	0.09	<0.01	25.5	2.75	0.71	0.4	1	<0.05	1.5
L862636		0.34	<0.01	0.01	0.07	18	10	0.36	0.01	36.2	0.08	0.80	0.3	2	0.05	1.4
L862637		0.40	<0.01	0.03	0.13	27	90	0.26	<0.01	34.3	0.53	1.53	0.5	2	0.21	0.9
L862638		0.46	<0.01	0.59	0.34	97	40	0.61	0.01	35.9	1.48	4.16	0.6	5	0.55	1.7
L862639		0.43	<0.01	0.05	0.12	100	20	0.35	<0.01	36.2	0.24	1.94	0.4	4	0.16	1.5
L862640		0.38	0.23	65.1	0.16	1360	40	0.07	0.03	3.28	324	1.30	2.0	11	0.16	18.2
L862641		0.42	0.13	41.9	0.12	3460	<10	0.05	0.02	11.45	102.5	0.82	1.4	7	0.11	15.6
L862642		0.29	0.90	>100	0.40	2540	160	0.17	0.04	0.45	937	4.72	5.5	9	0.46	76.7
L862643		0.27	0.61	>100	0.26	>10000	<10	0.21	0.04	9.90	737	3.13	7.0	4	0.31	48.5
L862644		0.26	0.44	>100	0.60	4470	60	0.20	0.05	3.53	865	7.01	7.6	12	0.78	75.0
L862645		1.55	0.37	>100	0.43	4870	90	0.18	0.03	9.95	953	5.66	3.1	6	0.85	85.4
L862646		0.97	0.01	>100	0.13	794	<10	0.10	0.02	5.95	643	0.98	1.3	4	0.08	42.1
L862647		0.39	0.02	79.5	0.19	1140	30	0.18	0.03	24.0	546	3.58	2.0	1	0.21	26.0
L862648		0.74	0.60	>100	0.43	>10000	60	0.17	0.07	0.49	>1000	4.15	7.3	10	0.50	153.0
L862649		0.38	<0.01	0.96	0.08	64	20	0.18	<0.01	38.1	5.60	1.52	0.5	<1	0.07	2.8
L862650		0.44	<0.01	1.02	0.23	134	50	0.29	<0.01	37.9	1.65	4.70	0.8	4	0.14	0.8
L862651		0.27	<0.01	2.83	0.09	258	40	0.18	0.02	24.9	1.64	1.30	0.7	2	0.11	2.8
L862652		0.55	<0.01	0.10	0.10	35	10	0.49	0.02	34.8	0.46	1.98	0.6	<1	0.10	12.8
L862653		0.32	<0.01	0.11	0.11	53	10	0.15	0.02	26.3	1.10	1.75	0.7	<1	0.08	2.1
L862654		0.21	<0.01	0.17	0.11	81	<10	0.21	0.01	33.2	1.47	1.78	0.8	<1	0.14	12.8
L862655		0.15	<0.01	0.06	0.04	27	<10	0.11	0.01	26.2	0.38	0.67	0.3	<1	<0.05	11.1
L862656		0.53	<0.01	0.05	0.06	22	<10	0.14	0.02	36.3	0.16	0.68	0.4	<1	<0.05	1.4
L862657		0.30	<0.01	0.03	0.04	11	<10	0.16	0.02	36.6	0.11	0.76	0.3	<1	<0.05	1.5
L862658		0.58	<0.01	0.23	0.16	83	20	0.29	0.02	37.2	1.66	3.54	0.4	<1	0.16	2.5
L862659		0.46	<0.01	0.04	0.04	12	<10	0.23	0.01	28.0	0.18	0.59	0.3	<1	<0.05	0.9
L862660		0.29	<0.01	0.07	0.10	<5	<10	0.51	0.02	24.8	0.21	1.66	0.4	<1	0.05	1.3
L862661		0.62	<0.01	0.02	0.12	6	<10	0.20	0.02	37.1	0.09	2.00	0.4	<1	0.10	1.1
L862662		0.34	<0.01	0.04	0.11	15	<10	0.15	0.02	37.2	0.10	4.15	0.3	<1	0.10	1.2
L862663		0.37	<0.01	1.09	5.28	295	1630	1.57	0.22	0.42	1.81	62.1	6.8	102	6.54	52.9
L862664		0.87	<0.01	0.03	0.06	35	10	0.10	0.02	36.7	0.18	1.72	0.6	<1	0.07	1.2
L862665		0.54	<0.01	0.04	0.13	609	20	0.17	0.02	37.3	0.17	1.73	0.6	<1	0.20	1.5
L862666		0.46	<0.01	0.06	0.29	73	10	0.19	0.03	36.3	0.35	3.15	0.6	2	0.41	2.9

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Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
L862627		0.22	0.38	0.17	<0.1	16.6	<0.005	0.04	1.9	0.5	0.13	450	0.61	0.01	0.2	1.1
L862628		0.59	0.58	0.14	0.1	39.2	<0.005	0.06	2.7	0.7	0.12	463	1.34	<0.01	0.3	2.8
L862629		0.66	0.57	0.16	0.1	21.6	<0.005	0.07	4.4	0.7	0.15	430	3.46	0.01	0.4	8.0
L862630		0.16	0.81	0.17	0.1	0.09	<0.005	0.14	1.8	1.4	11.90	26	0.12	0.02	0.5	3.3
L862631		0.05	0.25	0.18	<0.1	>100	<0.005	0.02	1.2	0.3	0.16	449	0.20	<0.01	0.1	1.1
L862632		0.05	0.17	0.16	<0.1	>100	<0.005	0.02	0.5	0.3	0.36	434	0.09	<0.01	0.1	0.6
L862633		0.07	0.21	0.18	<0.1	3.31	<0.005	0.02	0.5	0.4	2.21	335	0.25	<0.01	0.1	1.1
L862634		0.31	0.65	0.13	0.1	32.3	<0.005	0.07	2.8	0.8	0.22	553	2.40	0.01	0.4	2.8
L862635		0.11	0.12	0.20	<0.1	0.32	<0.005	0.01	<0.5	0.3	10.25	132	0.24	0.01	<0.1	1.0
L862636		0.04	0.23	0.22	<0.1	0.4	<0.005	0.02	<0.5	0.3	0.53	362	0.19	<0.01	0.1	0.4
L862637		0.13	0.33	0.19	<0.1	0.24	<0.005	0.05	0.8	0.5	2.20	152	0.30	0.01	0.2	1.5
L862638		0.26	0.85	0.16	0.1	2.53	<0.005	0.13	2.0	1.1	0.44	417	0.58	<0.01	0.7	2.4
L862639		0.13	0.30	0.16	0.1	1.4	<0.005	0.04	1.2	0.5	0.42	490	0.28	<0.01	0.2	0.8
L862640		0.95	1.53	0.11	<0.1	>100	0.010	0.03	0.9	5.6	0.05	234	4.59	<0.01	0.1	8.6
L862641		0.66	0.77	0.09	<0.1	>100	0.009	0.02	0.5	4.5	0.05	439	1.50	<0.01	0.1	4.4
L862642		3.12	5.86	0.10	0.2	>100	0.021	0.15	3.5	3.4	0.04	320	14.00	0.01	0.5	29.9
L862643		3.74	4.89	0.18	0.1	>100	0.015	0.07	2.1	7.2	0.08	793	73.5	0.01	0.3	33.8
L862644		2.99	4.77	0.16	0.2	>100	0.019	0.21	4.1	6.0	0.06	458	17.15	0.01	0.8	30.1
L862645		1.75	7.28	0.09	0.2	>100	0.014	0.14	4.1	4.7	0.06	722	12.00	<0.01	0.6	33.4
L862646		0.61	3.32	0.12	<0.1	>100	0.008	0.02	0.6	13.9	0.02	354	4.24	0.01	0.1	10.0
L862647		1.04	2.47	0.14	0.1	>100	0.010	0.06	2.3	3.7	0.05	651	11.70	0.01	0.3	14.7
L862648		2.29	4.53	0.31	0.2	>100	0.020	0.15	2.9	3.9	0.05	361	97.6	<0.01	0.5	44.5
L862649		0.09	0.20	0.08	<0.1	6.11	<0.005	0.03	1.1	0.6	0.06	501	1.19	<0.01	0.1	2.7
L862650		0.15	0.66	0.13	0.1	7.06	<0.005	0.11	2.5	0.9	0.19	317	0.25	<0.01	0.4	0.8
L862651		0.35	0.27	0.09	<0.1	18.0	0.009	0.03	0.7	1.2	10.40	194	1.16	0.01	0.1	3.4
L862652		0.08	0.23	0.12	<0.1	1.67	<0.005	0.03	0.8	0.6	0.87	269	0.31	<0.01	0.1	1.3
L862653		0.21	0.30	0.06	<0.1	0.63	<0.005	0.04	0.9	0.7	9.82	183	0.29	0.01	0.1	3.6
L862654		0.23	0.31	0.14	<0.1	1.90	<0.005	0.04	0.9	0.6	2.69	248	0.41	<0.01	0.2	3.0
L862655		0.09	0.13	0.17	<0.1	0.71	<0.005	0.01	<0.5	0.4	7.81	227	0.37	0.01	0.1	2.0
L862656		0.06	0.19	0.27	<0.1	1.78	<0.005	0.01	<0.5	0.4	0.31	351	0.22	<0.01	0.1	1.2
L862657		0.04	0.14	0.21	<0.1	1.16	<0.005	0.02	<0.5	0.4	0.26	312	0.09	<0.01	0.1	0.6
L862658		0.12	0.45	0.19	0.1	2.66	0.005	0.04	2.0	0.9	0.36	302	0.44	<0.01	0.3	2.1
L862659		0.05	0.16	0.29	<0.1	0.50	<0.005	0.01	<0.5	0.6	7.86	377	0.08	0.01	<0.1	0.6
L862660		0.06	0.30	0.39	<0.1	0.64	<0.005	0.03	0.8	0.9	10.25	107	0.13	0.01	0.1	1.4
L862661		0.05	0.40	0.30	<0.1	0.07	0.007	0.05	1.1	0.5	0.13	145	0.17	<0.01	0.2	1.3
L862662		0.05	0.33	0.28	<0.1	0.12	0.005	0.04	2.7	0.3	0.10	177	0.94	<0.01	0.2	0.9
L862663		2.74	14.50	0.25	2.4	1.70	0.048	1.82	35.4	17.8	0.42	253	5.55	0.08	14.7	49.3
L862664		0.06	0.19	0.20	<0.1	2.80	0.005	0.02	1.3	0.3	0.07	218	0.74	<0.01	0.1	2.1
L862665		0.09	0.33	0.18	<0.1	0.31	<0.005	0.05	1.4	0.5	0.12	126	2.63	<0.01	0.2	3.6
L862666		0.19	0.72	0.15	0.1	1.64	0.006	0.11	2.2	0.8	0.08	207	6.94	<0.01	0.5	7.9

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CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
L862627		90	1875	1.3	<0.002	0.03	7.07	2.4	1	<0.2	24.3	<0.05	<0.05	0.3	0.006	0.44
L862628		120	9640	2.2	<0.002	0.14	24.5	2.1	2	<0.2	32.7	<0.05	<0.05	0.4	0.010	2.94
L862629		510	206	2.3	<0.002	0.02	4.25	3.8	3	<0.2	54.8	<0.05	<0.05	0.4	0.010	0.70
L862630		170	4.9	5.4	<0.002	<0.01	0.17	0.6	<1	<0.2	109.5	<0.05	<0.05	0.4	0.015	0.12
L862631		70	136.0	0.8	<0.002	0.01	0.96	2.8	1	<0.2	17.2	<0.05	<0.05	<0.2	<0.005	0.21
L862632		40	45.2	0.7	<0.002	0.01	0.23	0.4	1	<0.2	14.1	<0.05	<0.05	<0.2	<0.005	0.29
L862633		30	5.7	0.8	<0.002	<0.01	0.24	0.2	<1	<0.2	26.9	<0.05	<0.05	<0.2	<0.005	0.16
L862634		140	1440	2.2	<0.002	0.03	31.7	4.8	2	<0.2	41.8	<0.05	<0.05	0.4	0.011	0.68
L862635		60	35.8	0.4	<0.002	<0.01	0.86	0.2	<1	<0.2	84.7	<0.05	<0.05	<0.2	<0.005	0.04
L862636		90	2.1	0.9	<0.002	<0.01	0.12	0.5	<1	<0.2	24.1	<0.05	<0.05	<0.2	<0.005	0.13
L862637		130	4.0	1.8	<0.002	<0.01	0.15	0.3	<1	<0.2	355	<0.05	<0.05	0.2	0.006	0.38
L862638		110	156.0	4.5	<0.002	0.04	1.08	1.0	<1	<0.2	26.4	<0.05	<0.05	0.6	0.017	0.69
L862639		80	13.7	1.3	<0.002	0.01	0.34	1.1	<1	<0.2	10.2	<0.05	<0.05	<0.2	0.005	0.36
L862640		260	6160	1.5	<0.002	0.07	15.70	0.4	20	0.3	16.7	<0.05	<0.05	0.2	<0.005	1.77
L862641		190	2240	1.0	<0.002	0.28	7.04	0.5	4	0.2	23.7	<0.05	<0.05	<0.2	<0.005	1.52
L862642		680	8110	5.7	<0.002	0.14	59.4	0.8	10	0.5	35.6	<0.05	<0.05	0.6	0.017	5.39
L862643		760	>10000	2.8	0.004	0.24	107.0	1.5	49	0.2	40.6	<0.05	<0.05	0.4	0.009	5.00
L862644		1020	>10000	7.8	0.002	0.17	100.5	1.4	36	0.5	29.1	0.06	<0.05	1.0	0.028	5.38
L862645		1550	3590	5.4	0.003	0.61	50.4	1.9	9	0.4	47.0	<0.05	<0.05	0.8	0.017	9.06
L862646		270	5190	1.0	0.003	1.29	38.6	0.8	28	0.3	21.3	<0.05	<0.05	<0.2	<0.005	1.98
L862647		710	1675	2.5	0.002	2.43	50.4	2.5	27	0.2	36.2	<0.05	<0.05	0.4	0.009	1.84
L862648		750	>10000	5.4	0.027	0.19	185.0	0.9	105	0.5	25.4	<0.05	<0.05	0.6	0.019	17.85
L862649		190	44.8	1.2	0.005	0.02	1.41	2.8	<1	<0.2	36.8	<0.05	<0.05	<0.2	<0.005	0.87
L862650		80	297	4.2	<0.002	0.04	3.01	1.8	<1	<0.2	18.3	<0.05	<0.05	0.5	0.015	1.23
L862651		70	677	1.4	<0.002	0.06	16.15	0.5	<1	<0.2	83.5	<0.05	<0.05	<0.2	0.006	0.10
L862652		40	10.0	1.2	<0.002	<0.01	0.32	0.7	1	<0.2	17.9	<0.05	<0.05	0.2	0.005	0.50
L862653		50	18.8	1.5	<0.002	<0.01	2.75	0.7	1	<0.2	59.1	<0.05	<0.05	<0.2	0.006	0.15
L862654		40	39.1	1.7	<0.002	<0.01	6.20	1.6	<1	<0.2	23.8	<0.05	<0.05	0.2	0.005	0.36
L862655		70	3.5	0.7	<0.002	<0.01	0.53	0.6	1	<0.2	61.4	<0.05	<0.05	<0.2	<0.005	0.06
L862656		50	5.4	0.6	<0.002	<0.01	0.15	1.1	<1	<0.2	9.7	<0.05	<0.05	<0.2	<0.005	0.11
L862657		40	3.9	0.5	<0.002	<0.01	0.10	1.3	<1	<0.2	10.0	<0.05	<0.05	<0.2	<0.005	0.06
L862658		90	30.5	1.7	<0.002	<0.01	0.98	2.6	1	<0.2	52.2	<0.05	<0.05	0.3	0.009	0.14
L862659		40	4.4	0.4	<0.002	<0.01	0.09	0.4	<1	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	<0.02
L862660		50	6.5	1.2	<0.002	<0.01	0.17	0.3	<1	<0.2	158.0	<0.05	<0.05	0.2	<0.005	0.09
L862661		70	2.2	2.0	<0.002	<0.01	<0.05	1.0	<1	<0.2	189.5	<0.05	<0.05	0.2	0.005	<0.02
L862662		60	5.8	1.6	0.002	<0.01	0.13	3.2	1	<0.2	67.7	<0.05	<0.05	0.3	0.006	0.02
L862663		950	85.7	90.0	0.002	0.10	5.66	10.5	3	1.6	139.5	0.99	0.09	8.5	0.359	1.16
L862664		770	2.7	0.8	0.008	<0.01	0.96	1.3	1	<0.2	55.0	<0.05	<0.05	<0.2	<0.005	0.68
L862665		940	4.1	1.8	0.005	0.02	0.19	1.6	1	<0.2	111.0	<0.05	<0.05	0.2	0.006	0.26
L862666		850	12.2	4.1	0.003	<0.01	0.64	5.1	<1	<0.2	61.5	<0.05	<0.05	0.5	0.015	0.14

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.1	0.01
L862627		7.4	14	0.2	6.3	176	2.0						
L862628		7.2	13	0.4	5.5	923	3.0						
L862629		10.9	19	0.5	9.3	420	3.8						
L862630		1.6	8	0.2	2.3	37	4.2						
L862631		5.5	14	0.2	6.6	30	1.5					202	
L862632		3.1	6	0.1	2.6	26	1.1					433	
L862633		2.2	4	0.1	1.2	45	1.4						
L862634		8.2	21	0.5	8.9	1860	4.0						
L862635		2.9	5	0.1	0.9	52	0.9						
L862636		4.3	7	0.1	2.9	12	1.2						
L862637		2.3	4	0.2	0.9	100	1.6						
L862638		3.6	13	0.5	4.0	209	4.6						
L862639		4.7	11	0.2	5.1	15	2.2						
L862640		3.2	6	0.7	1.6	>10000	1.7			3.77		375	
L862641		3.8	5	0.4	2.0	>10000	1.0			1.575		270	
L862642		5.1	14	2.7	3.3	>10000	5.8	150		14.25		1220	
L862643		26.6	15	1.2	4.9	>10000	4.0	139	3.41	9.49	1.670	1305	
L862644		11.4	21	2.1	5.2	>10000	8.4	159	1.390	11.85		940	
L862645		11.4	17	2.4	5.9	>10000	5.8	173		15.10		811	
L862646		4.9	8	0.7	2.8	>10000	1.3	108		9.01		765	
L862647		15.5	22	0.8	10.6	>10000	3.0			9.14		553	
L862648		46.8	19	2.4	3.6	>10000	6.4	409	7.34	13.60	2.40	1500	
L862649		8.6	13	0.2	7.0	611	1.6						
L862650		4.3	12	0.5	6.0	181	4.3						
L862651		2.1	6	0.2	2.0	182	1.5						
L862652		2.5	8	0.2	5.7	40	1.5						
L862653		1.4	6	0.1	3.6	90	1.7						
L862654		2.8	6	0.1	4.0	64	1.7						
L862655		3.7	5	0.1	2.4	37	1.1						
L862656		4.5	7	0.1	2.9	14	1.1						
L862657		3.1	5	0.1	2.9	11	0.9						
L862658		5.1	12	0.4	5.7	76	2.8						
L862659		2.8	4	0.1	3.2	22	1.0						
L862660		2.9	6	0.2	0.7	40	1.2						
L862661		2.5	6	0.2	2.9	7	1.8						
L862662		6.3	11	0.2	6.7	8	2.5						
L862663		6.2	381	1.8	31.1	370	100.0						
L862664		13.7	18	0.2	7.1	14	1.2						
L862665		10.6	10	0.3	4.3	25	2.0						
L862666		15.8	15	0.5	7.1	47	3.8						

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
L862667		0.36	<0.01	0.01	0.12	12	40	0.21	0.02	35.8	0.06	1.44	0.4	<1	0.11	1.4
L862668		0.30	<0.01	0.03	0.14	19	<10	0.20	0.02	37.5	0.11	2.12	0.4	<1	0.14	1.1
L862669		0.35	<0.01	0.13	0.33	174	<10	0.18	0.04	36.2	1.01	5.34	1.0	2	0.28	2.0
L862670		0.25	<0.01	0.01	0.02	<5	20	<0.05	0.02	37.2	0.02	0.33	0.2	<1	<0.05	0.7
L862671		0.25	<0.01	0.02	0.02	<5	40	<0.05	0.01	33.8	0.04	1.44	0.2	1	<0.05	0.7
L862672		0.35	<0.01	0.02	0.02	<5	<10	<0.05	0.01	23.5	0.14	1.10	0.3	<1	<0.05	1.1
L862673		0.37	<0.01	0.02	0.01	<5	20	<0.05	0.02	34.3	0.04	0.67	0.2	<1	<0.05	1.3
L862674		0.38	<0.01	9.86	0.12	120	<10	0.14	0.02	32.4	3.88	1.37	0.4	<1	0.07	1.7
L862675		0.54	<0.01	9.32	0.07	59	<10	0.23	0.02	25.6	0.26	1.27	0.9	<1	0.06	3.2
L862676		0.43	<0.01	0.02	0.05	<5	<10	0.06	0.02	22.8	0.57	0.53	0.3	<1	<0.05	1.2

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
L862667		0.05	0.34	0.16	<0.1	0.08	<0.005	0.05	0.9	0.4	0.14	69	1.07	0.01	0.2	1.2
L862668		0.06	0.41	0.18	<0.1	0.21	<0.005	0.05	0.9	0.5	0.23	305	0.14	<0.01	0.2	1.3
L862669		0.19	0.91	0.16	0.2	2.05	0.005	0.13	3.7	0.9	0.11	244	1.33	<0.01	0.6	3.8
L862670		0.01	0.06	0.17	<0.1	0.13	<0.005	<0.01	0.5	<0.2	0.11	38	<0.05	0.01	<0.1	<0.2
L862671		0.02	0.07	0.21	<0.1	0.13	<0.005	<0.01	2.1	0.2	3.39	35	0.06	0.01	<0.1	0.3
L862672		0.04	0.10	0.26	<0.1	0.12	<0.005	<0.01	1.6	0.2	10.60	70	0.08	0.01	<0.1	1.0
L862673		0.02	0.09	0.28	<0.1	0.21	<0.005	<0.01	0.8	0.2	2.54	42	<0.05	0.01	<0.1	0.2
L862674		0.12	0.36	0.30	<0.1	18.2	0.005	0.03	0.8	0.5	3.12	270	0.24	<0.01	0.2	1.3
L862675		0.13	0.25	0.36	<0.1	1.38	0.006	0.02	0.7	1.0	8.96	191	0.26	0.01	0.1	3.3
L862676		0.04	0.14	0.15	<0.1	0.10	0.006	0.01	0.6	0.5	11.75	31	0.20	0.02	0.1	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
L862667		180	1.3	1.8	0.005	<0.01	0.08	0.4	<1	<0.2	105.0	<0.05	<0.05	0.2	0.006	<0.02
L862668		110	1.9	2.1	<0.002	<0.01	0.07	2.0	1	<0.2	10.6	<0.05	<0.05	0.2	0.007	0.07
L862669		530	26.4	4.8	<0.002	0.01	0.87	2.5	1	0.2	40.8	<0.05	<0.05	0.8	0.020	0.56
L862670		10	1.1	0.1	<0.002	<0.01	<0.05	0.2	<1	<0.2	530	<0.05	<0.05	<0.2	<0.005	<0.02
L862671		40	1.2	0.1	<0.002	<0.01	<0.05	0.3	<1	<0.2	377	<0.05	<0.05	<0.2	<0.005	<0.02
L862672		110	1.8	0.1	<0.002	<0.01	0.06	0.5	<1	<0.2	79.2	<0.05	<0.05	<0.2	<0.005	<0.02
L862673		10	1.3	0.1	<0.002	<0.01	<0.05	0.4	<1	<0.2	281	<0.05	<0.05	<0.2	<0.005	<0.02
L862674		80	201	1.4	<0.002	0.01	4.17	0.7	1	<0.2	37.1	<0.05	<0.05	0.2	0.007	0.11
L862675		50	19.5	0.9	<0.002	<0.01	0.37	0.2	<1	0.2	128.5	<0.05	<0.05	<0.2	<0.005	0.17
L862676		50	1.3	0.5	<0.002	<0.01	0.08	0.1	<1	<0.2	97.6	<0.05	<0.05	<0.2	<0.005	0.03

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.1	0.01
L862667		3.2	6	0.1	2.5	11	2.6						
L862668		3.7	12	0.2	4.7	9	2.1						
L862669		15.2	23	0.4	10.1	89	5.9						
L862670		1.1	1	<0.1	1.3	<2	<0.5						
L862671		1.9	17	0.1	5.3	2	<0.5						
L862672		7.1	11	0.1	4.7	12	<0.5						
L862673		1.9	11	<0.1	2.8	<2	<0.5						
L862674		3.2	6	0.3	1.3	236	2.1						
L862675		2.1	4	0.2	0.9	46	1.2						
L862676		0.9	2	0.1	1.1	21	0.8						

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 29-JUN-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110534

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41 Hg-CV42

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	As-OG62	Au-AA26	Ba-XRF10
	Hg-CV41	Hg-CV42	ME-MS61	ME-OG62
	ME-XRF10	OA-GRA06	Pb-OG62	Zn-OG62

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

CERTIFICATE WH13110535

Project: Nadaleen

P.O. No.: R13-05

This report is for 164 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Zn-VOL50	Zn by titration	
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M389173	0.39	<0.01	1.06	7.08	40.8	550	3.18	0.25	0.28	1.56	54.3	0.9	125	32.6	39.4
M389174	0.65	<0.01	0.35	1.31	22.3	1040	0.43	0.06	0.05	0.63	18.90	1.6	21	3.22	11.7
M389175	0.13	0.03	0.33	1.47	213	180	1.41	0.05	0.84	9.72	3.73	4.1	17	1.24	134.0
M389176	0.31	0.01	0.53	6.26	32.4	490	1.81	0.30	0.22	1.67	58.0	1.4	88	24.2	40.2
M389177	0.46	<0.01	0.66	5.28	29.7	430	1.79	0.25	0.22	1.93	46.5	1.7	74	20.1	45.9
M389178	0.38	<0.01	0.60	4.59	25.5	470	1.54	0.24	0.20	1.80	42.1	1.5	64	17.80	41.4
M389179	0.70	<0.01	0.04	0.27	<5	>10000	0.19	0.03	28.2	0.73	2.74	1.3	<1	0.70	4.5
M389180	0.67	<0.01	0.02	0.15	<5	>10000	0.14	0.02	31.1	0.38	1.58	0.9	<1	0.28	3.3
M389181	0.60	<0.01	0.50	2.29	39.7	870	0.97	0.14	0.17	1.04	23.3	2.9	32	4.67	58.5
M389182	0.58	<0.01	0.30	1.65	30.8	800	0.68	0.12	0.12	0.79	16.55	2.2	21	3.17	41.2
M389183	0.35	<0.01	0.86	4.88	72.8	750	1.96	0.26	0.26	2.12	47.0	7.6	70	9.00	119.0
M389184	0.29	<0.01	0.34	0.20	63	450	0.48	0.03	37.9	1.32	3.42	0.8	<1	0.14	2.4
M389185	0.28	<0.01	0.83	0.26	183	120	0.42	0.03	37.9	2.65	5.36	1.4	<1	0.19	2.2
M389186	0.24	<0.01	0.04	0.16	7	130	0.15	0.01	22.5	0.26	2.07	0.4	<1	0.13	0.9
M389187	0.30	<0.01	0.04	0.06	54	<10	0.23	0.02	37.8	0.64	1.70	0.7	<1	<0.05	1.2
M389188	0.29	<0.01	0.32	0.09	29	<10	0.44	0.02	34.1	3.97	3.10	1.5	<1	0.08	2.2
M389189	0.14	<0.01	0.55	0.31	330	100	0.39	0.03	34.6	1.03	5.28	1.0	<1	0.26	1.5
M389190	0.23	<0.01	0.06	0.09	38	<10	0.35	0.01	36.9	0.46	1.78	0.4	<1	0.07	0.9
M389191	0.28	<0.01	0.58	0.77	244	50	0.82	0.03	25.0	0.90	8.68	2.1	4	0.70	2.8
M389192	0.17	0.06	0.38	0.34	1470	20	0.53	0.02	35.2	1.97	3.89	7.1	<1	0.59	2.0
M389193	0.32	<0.01	0.23	0.39	33	30	0.39	0.02	22.8	0.27	5.07	1.5	1	0.34	2.0
M389194	0.42	0.01	0.33	0.68	328	60	1.04	0.03	34.2	0.62	7.40	1.9	2	0.69	3.1
M389195	0.19	0.01	0.43	0.25	186	10	0.77	0.02	33.4	4.78	5.60	1.0	<1	0.33	2.8
M389196	0.29	<0.01	0.35	0.40	41	30	0.47	0.03	22.8	1.68	4.78	1.2	1	0.33	2.1
M389197	0.28	0.02	0.51	0.19	208	<10	0.39	0.02	28.2	5.18	3.75	1.9	<1	0.25	1.9
M389198	0.10	<0.01	0.16	0.36	2160	10	0.35	0.02	36.6	0.57	2.23	0.8	<1	0.48	2.2
M389199	0.33	<0.01	0.35	0.26	8	20	0.29	0.02	22.4	3.79	3.22	0.5	<1	0.19	2.0
M389200	0.20	<0.01	0.15	0.17	42	<10	0.45	0.02	37.4	0.52	2.89	0.9	<1	0.13	1.2
M389201	0.43	<0.01	0.01	0.03	7	<10	<0.05	0.02	23.9	0.18	0.38	0.2	<1	<0.05	1.0
M389202	0.28	0.01	0.16	0.41	19	30	0.58	0.02	27.8	0.12	7.35	0.8	2	0.32	1.7
M389203	0.45	<0.01	0.09	0.12	152	<10	0.44	0.01	38.1	0.55	2.78	0.7	<1	0.12	1.3
M389204	0.31	<0.01	0.08	0.18	26	<10	0.52	0.02	38.2	0.47	4.36	0.4	<1	0.18	1.6
M389205	0.53	<0.01	1.02	3.18	59.5	690	3.55	0.10	0.15	3.06	16.90	11.4	59	4.63	259
M389206	0.19	<0.01	2.29	5.69	102.5	3930	5.30	0.22	0.26	7.77	44.3	13.0	118	9.64	355
M389207	0.23	<0.01	1.98	5.36	82.7	4030	4.54	0.21	0.22	6.35	43.6	12.1	115	9.82	334
M389208	0.33	<0.01	1.51	2.42	24.9	2050	1.12	0.09	0.06	0.14	38.8	1.0	63	3.62	28.3
M389209	0.17	<0.01	2.74	6.07	95.0	3610	4.84	0.25	0.20	6.65	44.5	6.1	119	11.15	300
M389210	0.46	<0.01	0.67	3.58	25.2	1070	1.19	0.22	0.18	0.09	30.4	0.5	46	8.94	5.0
M389211	0.68	<0.01	0.59	3.29	22.1	1250	1.00	0.20	0.18	0.07	30.3	0.5	40	8.30	3.9
M389212	0.48	<0.01	0.55	2.92	24.7	1000	0.95	0.18	0.15	0.07	22.5	0.4	34	7.36	4.9

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M389173		4.42	24.3	0.15	3.6	0.68	0.155	3.39	29.0	27.9	0.62	23	25.3	0.30	13.7	42.2
M389174		1.00	3.54	0.09	0.6	0.14	0.011	0.44	8.9	6.0	0.10	16	11.50	0.10	3.1	36.5
M389175		5.71	1.57	0.06	0.2	0.12	0.035	0.18	1.1	4.9	0.30	194	11.15	0.02	0.7	202
M389176		2.54	17.55	0.14	3.1	0.52	0.086	2.71	30.0	19.2	0.49	28	20.6	0.26	11.4	46.1
M389177		1.99	14.70	0.13	2.5	0.53	0.060	2.24	20.8	17.9	0.43	30	20.4	0.23	9.8	59.9
M389178		1.70	12.90	0.13	2.3	0.48	0.050	1.89	17.5	15.8	0.37	28	17.15	0.19	8.8	54.7
M389179		0.41	0.77	0.06	0.1	0.04	<0.005	0.10	1.7	2.4	1.98	342	1.18	<0.01	0.5	13.4
M389180		0.26	0.42	0.07	0.1	0.02	<0.005	0.05	1.0	1.9	1.47	277	0.86	<0.01	0.3	9.0
M389181		1.80	5.83	0.11	1.0	0.19	0.025	0.73	9.6	10.4	0.19	108	9.66	0.07	4.3	42.6
M389182		1.31	4.09	0.08	0.8	0.16	0.021	0.54	7.3	7.7	0.13	75	7.61	0.04	2.9	29.5
M389183		3.89	11.90	0.14	2.1	0.36	0.053	1.61	23.6	23.1	0.39	226	15.05	0.14	8.8	115.5
M389184		0.21	0.50	0.07	0.1	2.06	0.014	0.07	2.2	0.7	0.11	589	0.32	0.01	0.4	2.8
M389185		0.33	0.68	0.09	0.1	5.52	0.006	0.08	3.4	0.9	0.12	556	0.55	<0.01	0.5	6.2
M389186		0.09	0.44	0.21	0.1	0.30	<0.005	0.07	1.1	1.1	11.20	56	0.21	0.02	0.3	0.9
M389187		0.07	0.23	0.20	<0.1	0.66	<0.005	0.01	1.2	0.3	0.25	295	0.20	<0.01	0.1	2.2
M389188		0.29	0.32	0.12	<0.1	2.56	0.005	0.02	2.2	0.5	2.98	316	0.37	<0.01	0.1	4.9
M389189		0.48	0.70	0.09	0.1	6.02	<0.005	0.09	3.0	1.2	0.14	374	0.19	<0.01	0.4	1.4
M389190		0.08	0.31	0.10	<0.1	0.81	<0.005	0.03	0.9	0.3	0.58	782	0.07	<0.01	0.1	0.9
M389191		0.52	1.92	0.12	0.3	2.31	0.007	0.31	4.2	4.1	7.79	265	3.10	0.02	1.3	16.4
M389192		1.55	0.87	0.07	0.2	12.4	0.005	0.12	2.2	1.4	0.18	463	2.74	0.01	0.5	47.4
M389193		0.23	1.03	0.13	0.2	0.77	0.005	0.17	2.5	3.0	10.95	80	1.25	0.02	0.7	5.5
M389194		0.52	1.67	0.11	0.3	3.56	0.007	0.27	3.8	2.8	1.49	390	2.61	0.01	1.4	17.4
M389195		0.32	0.64	0.13	0.1	2.05	<0.005	0.09	2.6	1.1	3.07	446	0.90	0.01	0.3	13.3
M389196		0.23	0.98	0.18	0.2	1.09	<0.005	0.18	2.2	3.0	11.10	90	1.12	0.03	0.7	4.5
M389197		0.47	0.46	0.14	0.1	1.06	<0.005	0.05	1.8	1.3	6.94	323	1.55	0.01	0.2	25.8
M389198		1.95	0.88	0.07	0.1	8.28	0.006	0.13	1.4	1.1	0.16	354	1.63	0.01	0.5	19.8
M389199		0.16	0.67	0.15	0.1	1.58	<0.005	0.11	1.5	3.4	11.10	89	0.12	0.02	0.3	1.0
M389200		0.12	0.48	0.14	0.1	0.74	<0.005	0.07	1.4	0.8	0.41	321	0.11	<0.01	0.2	1.4
M389201		0.03	0.10	0.21	<0.1	0.02	<0.005	0.01	<0.5	0.3	10.85	48	0.10	0.01	0.1	1.5
M389202		0.20	1.04	0.22	0.2	0.68	0.011	0.20	3.2	2.4	7.18	130	0.30	0.02	0.6	2.2
M389203		0.21	0.33	0.16	0.1	2.46	<0.005	0.04	1.5	0.5	0.16	420	0.20	<0.01	0.2	1.6
M389204		0.08	0.49	0.15	0.1	0.31	<0.005	0.06	2.2	0.7	0.25	414	0.11	0.01	0.3	0.8
M389205		4.18	5.73	0.10	0.9	0.23	0.042	0.73	11.0	9.9	0.15	81	11.90	0.03	3.2	169.0
M389206		7.18	14.95	0.20	2.1	0.97	0.069	2.01	30.5	20.3	0.39	260	26.5	0.06	8.5	137.0
M389207		5.94	14.10	0.18	2.1	1.14	0.052	1.85	29.8	18.3	0.36	166	23.9	0.06	8.3	109.0
M389208		1.48	7.85	0.15	1.7	0.15	0.016	0.94	21.1	13.4	0.17	32	12.00	0.04	10.1	17.7
M389209		5.89	15.95	0.20	2.3	0.66	0.063	2.24	30.7	21.2	0.42	224	27.2	0.06	9.5	85.5
M389210		2.08	10.45	0.17	2.3	0.45	0.016	1.68	8.2	10.9	0.28	15	25.8	0.05	8.2	35.0
M389211		1.83	9.64	0.12	2.1	0.43	0.010	1.53	8.3	9.9	0.26	13	23.0	0.04	7.6	34.7
M389212		1.88	8.82	0.13	1.9	0.38	0.016	1.39	5.5	9.0	0.23	11	24.0	0.04	6.9	26.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M389173		790	20.5	182.0	0.013	1.28	6.49	12.6	16	2.6	335	0.85	0.19	10.5	0.438	18.90
M389174		320	3.6	25.1	0.018	0.16	2.63	2.5	3	0.5	517	0.21	<0.05	1.8	0.080	1.83
M389175		>10000	1.9	10.4	0.004	0.77	2.46	6.5	10	0.2	634	0.05	0.06	0.9	0.023	4.23
M389176		630	17.3	137.5	0.021	0.73	5.24	11.2	7	2.0	334	0.79	0.14	8.6	0.401	10.20
M389177		590	13.7	114.0	0.020	0.47	5.36	8.3	7	1.8	388	0.67	0.13	6.6	0.334	8.38
M389178		600	11.3	100.0	0.022	0.40	4.63	7.4	5	1.6	459	0.62	0.09	5.8	0.296	6.97
M389179		140	1.0	4.8	0.003	0.01	0.31	0.6	1	<0.2	1630	<0.05	<0.05	0.4	0.016	0.39
M389180		130	0.6	2.4	0.003	0.06	0.22	0.4	1	<0.2	1340	<0.05	<0.05	0.2	0.008	0.20
M389181		990	7.1	39.6	0.005	0.20	3.20	4.0	4	0.9	658	0.32	0.09	3.8	0.132	3.47
M389182		700	5.8	30.0	0.004	0.20	2.35	2.8	3	0.6	588	0.21	0.07	2.9	0.092	2.84
M389183		2070	16.8	81.6	0.007	0.34	5.42	8.4	7	1.7	476	0.64	0.13	7.8	0.248	5.14
M389184		60	36.7	2.7	<0.002	0.02	0.65	2.0	1	<0.2	28.0	<0.05	<0.05	0.4	0.011	0.41
M389185		90	98.5	3.1	<0.002	0.04	1.34	5.0	1	<0.2	30.4	<0.05	<0.05	0.5	0.016	1.29
M389186		30	1.6	2.6	<0.002	<0.01	0.28	0.3	<1	<0.2	151.0	<0.05	<0.05	0.2	0.009	0.16
M389187		50	1.2	0.7	<0.002	0.01	0.13	2.5	1	<0.2	15.9	<0.05	<0.05	<0.2	<0.005	0.24
M389188		90	3.3	0.8	<0.002	0.02	0.39	1.1	<1	<0.2	70.8	<0.05	<0.05	<0.2	<0.005	0.22
M389189		70	70.9	3.6	<0.002	0.05	1.40	3.1	<1	<0.2	24.8	<0.05	<0.05	0.8	0.013	2.17
M389190		20	2.4	1.3	<0.002	<0.01	0.09	1.1	<1	<0.2	21.7	<0.05	<0.05	<0.2	<0.005	0.64
M389191		130	27.5	11.4	0.003	<0.01	0.76	1.5	1	0.3	96.8	0.09	<0.05	1.3	0.040	0.48
M389192		60	34.2	4.7	<0.002	0.01	4.21	1.7	2	0.2	15.9	<0.05	<0.05	0.6	0.016	1.02
M389193		130	14.5	6.6	0.004	0.02	0.40	0.7	<1	0.2	165.5	0.05	<0.05	0.7	0.022	0.32
M389194		130	14.0	10.1	0.005	0.02	1.43	2.0	<1	0.2	41.3	0.09	<0.05	1.1	0.040	0.77
M389195		100	39.4	3.4	<0.002	<0.01	1.48	1.2	<1	<0.2	65.0	<0.05	<0.05	0.4	0.009	0.41
M389196		150	24.7	6.5	0.003	0.01	0.38	0.7	<1	0.2	177.5	0.05	<0.05	0.7	0.023	0.30
M389197		100	51.1	2.3	<0.002	<0.01	1.29	0.9	1	<0.2	97.2	<0.05	<0.05	0.3	0.007	0.34
M389198		80	5.5	4.8	<0.002	0.04	6.05	0.6	1	0.2	13.2	<0.05	<0.05	0.3	0.017	1.96
M389199		100	10.9	4.3	<0.002	0.03	0.32	0.4	<1	<0.2	230	<0.05	<0.05	0.4	0.012	0.14
M389200		50	2.9	2.5	<0.002	0.01	0.16	0.7	1	<0.2	18.0	<0.05	<0.05	0.3	0.008	0.39
M389201		60	0.6	0.4	<0.002	<0.01	<0.05	0.1	<1	<0.2	108.0	<0.05	<0.05	<0.2	<0.005	<0.02
M389202		110	15.1	6.8	<0.002	<0.01	0.33	0.8	<1	0.2	239	<0.05	<0.05	0.7	0.021	0.29
M389203		50	7.8	1.5	<0.002	0.01	0.57	1.8	1	<0.2	14.5	<0.05	<0.05	0.3	0.006	0.51
M389204		70	11.6	2.3	<0.002	<0.01	0.40	3.2	1	<0.2	16.5	<0.05	<0.05	0.5	0.009	0.24
M389205		3180	4.8	39.3	0.014	0.27	4.09	9.4	7	0.7	615	0.22	0.08	2.4	0.108	2.17
M389206		8390	16.0	117.0	0.020	0.48	7.28	33.1	15	1.6	333	0.61	0.22	7.4	0.281	6.67
M389207		7210	13.7	106.0	0.012	0.43	8.21	25.3	13	1.4	314	0.58	0.28	6.9	0.276	6.03
M389208		330	6.8	52.3	0.004	0.59	2.65	4.6	7	1.0	106.5	0.65	0.06	5.0	0.171	0.80
M389209		>10000	15.4	128.5	0.015	0.53	5.32	37.3	12	1.7	386	0.67	0.11	7.7	0.313	7.47
M389210		300	11.3	95.9	0.080	0.69	6.93	6.6	10	1.4	343	0.59	<0.05	5.2	0.280	8.21
M389211		250	9.6	90.8	0.085	0.61	6.45	6.1	8	1.4	391	0.57	<0.05	5.1	0.260	7.59
M389212		290	8.1	82.7	0.068	0.61	5.90	5.4	11	1.2	404	0.50	<0.05	4.2	0.227	7.58

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42	Zn-VOL50	Ba-XRF10
Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg	Zn	Ba
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	%	%
LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	1	0.01	0.01
M389173	7.5	963	1.4	15.1	137	127.0							
M389174	8.3	164	0.3	6.2	131	24.6							
M389175	6.8	193	0.1	27.1	609	11.2							
M389176	7.4	616	1.4	15.5	127	111.0							
M389177	8.4	583	1.1	15.9	156	92.2							
M389178	9.0	511	1.0	13.9	131	82.4							
M389179	0.6	39	0.1	2.5	67	5.3							6.39
M389180	0.4	27	0.1	1.6	33	3.2							3.24
M389181	5.0	232	0.4	14.6	145	36.5							
M389182	3.6	156	0.3	9.9	100	25.6							
M389183	7.9	424	0.7	25.3	350	74.1							
M389184	3.2	21	0.5	10.4	93	4.3							
M389185	6.3	30	0.7	13.1	288	5.6							
M389186	0.8	3	0.2	0.7	46	2.7							
M389187	4.5	11	0.2	5.4	45	1.1							
M389188	3.6	9	0.2	5.7	527	2.2							
M389189	6.1	19	0.5	7.9	120	4.0							
M389190	1.7	11	0.2	5.6	37	1.5							
M389191	4.7	9	0.8	4.1	250	10.8							
M389192	2.9	14	0.6	5.4	319	5.3							
M389193	3.3	6	0.4	1.8	70	6.0							
M389194	4.6	12	1.2	5.1	163	10.0							
M389195	4.8	9	0.5	4.6	338	4.4							
M389196	3.2	5	0.4	1.8	137	5.7							
M389197	3.6	7	0.4	3.2	529	3.4							
M389198	3.1	12	0.4	3.1	215	4.5							
M389199	1.1	3	0.2	1.1	431	2.9							
M389200	1.9	8	0.3	4.1	51	2.3							
M389201	0.9	1	0.1	0.3	3	0.7							
M389202	2.3	8	0.5	2.4	6	5.6							
M389203	4.2	15	0.2	6.6	80	2.3							
M389204	5.3	16	0.2	9.4	16	3.1							
M389205	15.5	318	0.4	31.5	730	37.4							
M389206	57.8	681	1.0	41.1	461	78.1							
M389207	62.6	643	0.9	33.4	269	77.6							
M389208	2.8	265	0.6	8.9	44	63.3							
M389209	63.4	753	1.1	36.3	152	89.5							
M389210	5.9	419	0.9	9.2	10	74.5							
M389211	5.8	378	0.9	11.1	6	71.9							
M389212	5.0	328	0.8	7.7	8	62.5							

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M389213	0.18	0.01	0.22	2.26	16.7	1050	0.58	0.12	0.08	0.05	18.75	0.3	25	5.56	2.1
M389214	0.27	<0.01	0.69	1.48	767	6790	1.01	0.09	2.62	5.27	12.85	1.4	53	3.25	104.0
M389215	0.37	<0.01	1.15	8.87	33.9	2770	1.46	1.36	0.34	0.07	97.6	0.6	45	16.35	13.9
M389216	0.33	<0.01	0.02	0.40	<5	>10000	0.29	0.02	24.7	1.54	5.63	3.4	1	0.16	8.5
M389217	0.46	<0.01	0.11	0.29	<5	>10000	0.18	0.03	25.1	0.82	3.00	1.7	5	0.31	3.7
M389218	0.18	<0.01	1.31	2.08	33.1	3950	0.74	0.08	0.19	0.02	30.8	0.4	59	3.39	7.3
M389219	0.25	0.01	0.91	5.59	642	2130	1.79	0.30	0.14	1.21	72.2	6.6	97	9.47	70.6
M389220	0.28	<0.01	1.12	4.23	142.5	3520	1.45	0.18	0.03	0.22	53.2	4.9	78	6.23	35.5
M389221	0.14	<0.01	1.02	5.32	513	1230	1.31	0.19	0.07	0.12	63.7	0.8	92	7.36	15.3
M389222	0.27	<0.01	0.16	0.09	257	50	0.24	0.02	37.4	1.56	3.44	2.3	4	0.07	2.3
M389223	0.21	<0.01	0.31	0.84	858	90	0.66	0.04	33.0	4.30	9.03	11.5	13	0.41	19.0
M389224	0.46	<0.01	0.27	0.03	50	10	0.17	0.02	38.6	0.85	3.04	0.5	2	<0.05	1.4
M389225	0.23	<0.01	0.07	0.03	156	20	0.24	0.02	38.9	0.35	2.31	1.3	2	<0.05	1.4
M389226	0.22	<0.01	0.03	0.03	21	40	0.18	0.01	38.6	0.58	2.82	0.7	2	<0.05	1.5
M389227	0.18	<0.01	0.04	0.03	12	50	0.22	0.01	38.9	0.18	2.93	0.3	3	<0.05	1.2
M389228	0.40	<0.01	0.20	0.05	110	20	0.28	0.01	38.2	1.20	2.62	1.5	6	0.08	2.3
M389229	0.20	<0.01	0.12	0.04	43	20	0.22	0.01	38.8	0.53	3.94	0.4	8	0.06	2.8
M389230	0.21	<0.01	0.07	0.02	39	<10	0.19	0.01	39.0	0.31	1.75	1.2	1	<0.05	2.5
M389231	0.36	<0.01	0.20	0.05	35	30	0.26	0.01	39.0	0.44	2.39	0.6	7	0.08	2.2
M389232	0.19	<0.01	0.20	0.04	27	30	0.21	0.01	38.2	0.47	5.50	0.4	7	0.05	1.7
M389233	0.21	<0.01	0.34	0.07	142	20	0.36	0.01	37.7	1.39	3.75	3.0	6	0.06	9.2
M389234	0.46	<0.01	0.03	0.13	16	10	0.43	0.01	35.1	0.04	3.66	0.5	2	0.08	1.1
M389235	0.51	0.02	0.41	0.13	21	50	0.18	0.02	36.9	2.27	5.39	2.2	8	0.12	2.5
M389236	0.33	<0.01	0.03	0.17	12	30	0.16	0.01	24.1	0.15	1.94	0.7	2	0.19	1.6
M389237	0.42	<0.01	0.02	0.05	9	10	0.13	0.01	24.7	0.36	0.84	1.2	<1	<0.05	1.5
M389238	0.28	<0.01	0.03	0.04	93	60	0.15	0.01	38.2	0.59	2.46	0.9	3	0.06	1.2
M389239	0.11	<0.01	0.22	6.12	673	1210	1.64	0.30	0.15	0.29	70.9	4.5	90	12.95	36.3
M389240	0.11	<0.01	0.55	3.78	11.7	1450	0.85	0.20	0.22	0.09	40.2	1.9	80	7.55	25.9
M389241	0.28	<0.01	0.32	3.86	6.0	1990	0.90	0.19	0.02	0.02	42.0	0.7	78	7.18	15.3
M389242	0.21	<0.01	0.07	3.88	26.8	120	0.42	0.11	0.11	1.13	25.9	14.9	57	1.01	30.1
M389243	0.08	<0.01	0.85	4.50	37.3	3080	1.34	0.21	0.44	0.99	45.7	6.1	131	8.96	64.6
M389244	0.24	0.06	2.14	0.30	125	220	0.20	0.03	36.5	9.09	8.16	1.6	10	0.26	3.4
M389245	0.29	0.06	0.61	0.20	86	100	0.22	0.07	37.4	2.25	4.88	0.6	8	0.22	2.3
M389246	0.19	0.01	0.19	0.08	70	40	0.23	0.01	38.3	1.40	1.90	0.8	3	0.08	1.6
M389247	0.33	0.03	1.60	0.60	506	480	0.32	0.04	35.1	7.23	13.15	3.4	16	0.55	5.1
M389248	0.58	0.02	0.14	0.08	62	120	0.10	0.01	38.7	1.08	1.97	0.7	2	0.09	1.3
M389249	0.25	0.02	1.96	0.32	258	390	0.24	0.03	36.8	8.47	8.17	2.3	8	0.26	3.3
M389250	0.37	0.01	0.07	0.05	20	50	0.09	0.01	39.1	0.27	0.86	0.5	1	<0.05	0.9
M389251	0.34	<0.01	0.27	0.09	72	50	0.14	0.01	37.4	1.64	2.16	1.4	3	0.08	1.7
M389252	0.33	<0.01	0.27	0.07	12	20	0.09	0.01	37.6	3.00	1.65	0.3	4	0.06	1.2

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CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M389213		1.27	6.65	0.12	1.3	0.28	0.008	1.01	5.3	6.7	0.18	7	13.05	0.03	5.1	13.6
M389214		26.3	5.43	0.24	0.5	0.3	0.070	0.63	9.2	6.4	0.31	21	43.7	0.03	1.9	35.1
M389215		2.89	20.9	0.21	5.0	1.26	0.022	3.66	46.4	14.0	0.49	11	37.1	0.13	15.9	37.0
M389216		1.33	0.33	0.08	0.2	0.1	<0.005	0.11	4.2	1.5	4.82	668	1.47	<0.01	0.4	25.5
M389217		0.50	0.70	0.07	0.1	0.02	<0.005	0.10	2.1	1.4	0.39	287	2.35	<0.01	0.6	19.5
M389218		1.18	7.27	0.13	1.3	1.08	0.010	0.85	15.9	8.4	0.13	48	3.54	0.02	8.3	6.5
M389219		4.16	16.15	0.17	2.7	1.11	0.062	2.36	38.5	15.9	0.32	56	8.92	0.04	16.1	48.8
M389220		2.23	11.95	0.14	2.4	0.25	0.028	1.72	27.8	19.4	0.37	54	3.41	0.09	10.7	33.7
M389221		1.54	15.80	0.16	2.6	1.07	0.030	2.34	34.9	14.3	0.30	39	5.34	0.03	15.2	23.1
M389222		0.51	0.08	0.07	<0.1	2.0	<0.005	0.02	3.4	0.5	0.08	330	14.00	<0.01	0.1	14.9
M389223		2.43	1.72	0.09	0.3	9.5	<0.005	0.15	6.0	3.9	0.27	421	14.40	0.09	1.0	64.2
M389224		0.09	<0.05	0.08	<0.1	1.2	<0.005	0.01	2.7	0.3	0.06	325	13.05	<0.01	<0.1	3.3
M389225		0.21	<0.05	0.08	<0.1	1.8	<0.005	<0.01	2.0	0.3	0.07	399	9.84	<0.01	<0.1	5.6
M389226		0.11	<0.05	0.10	<0.1	0.1	<0.005	<0.01	4.3	0.4	0.12	135	1.82	<0.01	<0.1	4.5
M389227		0.04	<0.05	0.11	<0.1	<0.1	<0.005	0.01	4.1	0.4	0.12	102	3.89	<0.01	<0.1	3.8
M389228		0.16	0.18	0.10	0.1	0.92	<0.005	0.02	2.5	0.4	0.09	315	18.65	<0.01	0.1	19.8
M389229		0.09	0.10	0.12	<0.1	0.15	<0.005	0.01	4.9	0.4	0.08	274	13.50	<0.01	<0.1	11.0
M389230		0.15	<0.05	0.09	<0.1	0.3	<0.005	0.01	1.3	0.3	0.06	394	6.30	<0.01	<0.1	12.2
M389231		0.08	0.13	0.11	<0.1	0.2	<0.005	0.02	2.9	0.4	0.09	205	9.23	<0.01	0.1	10.2
M389232		0.06	0.15	0.13	<0.1	0.20	<0.005	0.01	6.2	0.4	0.11	179	4.28	<0.01	0.1	6.7
M389233		0.44	0.17	0.09	<0.1	1.3	<0.005	0.02	3.5	0.4	0.07	387	26.1	<0.01	0.1	36.7
M389234		0.06	0.30	0.10	0.1	0.3	<0.005	0.05	1.9	0.7	1.89	391	0.12	<0.01	0.2	0.9
M389235		0.32	0.39	0.09	0.1	3.4	<0.005	0.04	6.2	0.6	0.08	405	15.25	<0.01	0.2	29.4
M389236		0.08	0.39	0.16	0.1	0.12	<0.005	0.07	0.9	1.0	11.00	54	0.20	0.02	0.3	2.6
M389237		0.13	0.05	0.19	<0.1	0.22	<0.005	0.01	<0.5	0.7	10.50	100	0.27	0.01	0.1	16.5
M389238		0.16	0.07	0.13	<0.1	0.70	<0.005	0.01	4.1	0.5	0.19	399	1.70	<0.01	0.1	7.9
M389239		2.15	17.35	0.21	3.0	0.17	0.027	2.69	38.6	10.9	0.42	62	3.97	0.05	17.5	39.3
M389240		1.64	10.80	0.18	1.8	0.23	0.023	1.08	27.4	15.0	0.18	25	3.56	0.04	6.7	18.5
M389241		1.03	11.05	0.16	1.8	0.29	0.013	1.14	28.2	13.3	0.18	8	3.24	0.04	6.9	7.9
M389242		4.56	9.90	0.13	1.6	0.02	0.030	0.39	11.5	52.0	0.77	306	0.41	1.13	4.5	33.3
M389243		2.90	12.75	0.15	2.1	0.26	0.043	1.45	33.2	16.0	0.25	166	6.61	0.05	9.2	79.5
M389244		0.33	0.83	0.10	0.1	7.7	<0.005	0.11	6.0	1.1	0.08	455	14.90	<0.01	0.5	7.4
M389245		0.23	0.56	0.08	0.1	2.7	<0.005	0.07	4.0	0.7	0.08	466	7.83	<0.01	0.3	6.9
M389246		0.25	0.20	0.08	<0.1	2.54	<0.005	0.02	1.4	0.4	0.11	557	2.04	<0.01	0.1	4.2
M389247		0.93	1.51	0.09	0.2	14.0	<0.005	0.22	9.5	1.7	0.10	360	20.6	0.01	1.1	33.9
M389248		0.22	0.25	0.09	<0.1	1.5	<0.005	0.03	1.6	0.6	0.13	984	2.07	<0.01	0.1	4.0
M389249		0.44	0.87	0.09	0.1	10.9	<0.005	0.10	6.0	1.1	0.09	458	6.05	<0.01	0.6	9.2
M389250		0.06	0.18	0.09	<0.1	0.6	<0.005	0.02	0.8	0.5	0.13	761	1.84	<0.01	0.1	1.9
M389251		0.37	0.27	0.08	<0.1	1.8	<0.005	0.03	1.8	0.7	0.13	380	3.12	<0.01	0.1	6.8
M389252		0.08	0.23	0.09	<0.1	1.3	<0.005	0.03	1.7	0.5	0.08	293	1.46	<0.01	0.1	1.0

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Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M389213		190	5.0	60.1	0.067	0.42	4.16	4.2	11	0.8	648	0.36	0.10	3.8	0.174	4.42
M389214		>10000	4.5	40.2	0.026	0.19	10.95	12.1	53	0.9	701	0.13	0.30	3.3	0.063	12.85
M389215		740	40.9	160.0	0.057	1.03	5.61	7.9	17	4.0	340	1.89	0.16	32.2	0.336	14.80
M389216		260	1.0	3.2	0.006	<0.01	0.51	0.9	4	<0.2	2350	<0.05	0.05	0.8	0.024	0.32
M389217		190	<0.5	5.1	0.016	0.01	0.76	0.8	3	<0.2	1300	<0.05	<0.05	0.4	0.017	0.30
M389218		380	8.1	43.1	0.008	0.29	3.06	3.8	12	0.8	117.0	0.58	<0.05	4.5	0.129	0.83
M389219		1380	20.4	118.0	0.003	0.69	6.88	13.0	7	1.7	229	1.09	0.11	10.8	0.372	3.21
M389220		580	11.3	91.2	0.005	0.20	2.34	7.6	3	1.2	83.5	0.73	0.08	7.1	0.257	0.67
M389221		1150	13.2	114.5	0.005	0.11	6.66	9.6	5	1.6	100.0	1.03	0.06	8.4	0.342	1.73
M389222		630	8.5	0.9	<0.002	0.01	0.91	1.9	3	<0.2	54.0	<0.05	<0.05	0.2	<0.005	0.20
M389223		540	16.8	7.9	<0.002	0.02	2.18	4.4	5	0.2	63.6	0.07	<0.05	0.9	0.058	0.51
M389224		450	16.0	0.2	0.003	0.01	0.55	2.1	<1	<0.2	24.5	<0.05	<0.05	0.3	<0.005	0.13
M389225		240	4.6	0.2	0.003	0.01	0.59	2.6	1	<0.2	21.0	<0.05	<0.05	<0.2	<0.005	0.48
M389226		730	3.9	0.3	0.004	<0.01	0.25	1.0	3	<0.2	122.0	<0.05	<0.05	<0.2	<0.005	0.02
M389227		290	2.6	0.3	0.007	<0.01	0.22	1.0	2	<0.2	109.5	<0.05	<0.05	<0.2	<0.005	0.02
M389228		380	17.5	0.8	0.019	0.01	2.82	2.5	3	<0.2	69.2	<0.05	<0.05	<0.2	<0.005	0.13
M389229		1630	18.5	0.4	0.009	0.01	0.96	1.4	2	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	0.07
M389230		230	5.6	0.2	0.004	<0.01	0.27	1.6	2	<0.2	16.7	<0.05	<0.05	<0.2	<0.005	0.08
M389231		240	7.6	0.7	0.012	0.01	0.45	1.7	2	<0.2	103.0	<0.05	<0.05	<0.2	<0.005	0.12
M389232		1710	7.1	0.4	0.009	0.01	0.57	2.3	2	<0.2	104.0	<0.05	<0.05	<0.2	<0.005	0.11
M389233		490	48.3	0.8	0.005	0.01	1.13	2.7	1	<0.2	52.3	<0.05	0.16	0.2	<0.005	0.24
M389234		60	2.0	1.9	<0.002	0.01	0.12	1.9	3	<0.2	15.3	<0.05	0.07	0.2	0.006	0.14
M389235		1920	59.7	1.6	0.004	0.01	1.80	2.0	1	<0.2	62.2	<0.05	<0.05	0.3	0.006	0.06
M389236		120	0.7	3.2	<0.002	<0.01	0.13	0.3	<1	<0.2	124.5	<0.05	<0.05	0.3	0.009	0.13
M389237		40	2.6	0.6	<0.002	<0.01	0.13	0.2	3	<0.2	106.5	<0.05	<0.05	<0.2	<0.005	0.04
M389238		1000	5.0	0.7	0.005	0.01	0.61	0.2	1	<0.2	126.5	<0.05	0.18	<0.2	<0.005	0.09
M389239		700	8.5	141.0	0.005	0.07	4.33	11.0	4	1.9	59.3	1.21	0.05	10.4	0.397	1.21
M389240		420	7.6	71.8	0.011	0.10	1.66	7.3	6	1.1	65.1	0.49	0.06	5.2	0.231	0.35
M389241		180	5.4	76.3	0.013	0.11	1.47	5.8	3	1.1	54.4	0.47	0.20	5.0	0.234	0.30
M389242		320	8.7	20.5	<0.002	0.01	0.25	8.8	<1	0.8	26.0	0.32	0.09	4.4	0.366	0.10
M389243		1240	11.4	91.6	0.013	0.14	2.37	11.0	6	1.4	155.5	0.59	0.10	6.6	0.290	0.74
M389244		1730	314	4.6	0.003	0.04	13.35	3.1	<1	0.2	104.0	<0.05	<0.05	0.5	0.015	0.39
M389245		990	72.3	3.0	0.002	0.01	5.77	2.4	<1	<0.2	67.6	<0.05	<0.05	0.3	0.010	0.40
M389246		300	14.8	1.0	0.002	0.01	1.65	1.2	<1	<0.2	39.1	<0.05	<0.05	<0.2	<0.005	0.45
M389247		3630	132.0	9.2	0.005	0.04	6.95	3.0	1	0.2	138.0	0.06	<0.05	1.0	0.032	4.57
M389248		440	18.0	1.2	<0.002	<0.01	1.25	1.2	2	<0.2	258	<0.05	<0.05	<0.2	<0.005	0.19
M389249		2330	209	4.4	0.004	0.05	8.69	1.8	<1	0.2	116.5	<0.05	<0.05	0.5	0.018	2.08
M389250		440	3.1	0.8	0.002	<0.01	0.39	0.8	<1	<0.2	274	<0.05	<0.05	<0.2	<0.005	0.13
M389251		640	20.5	1.4	0.006	0.01	1.09	1.6	<1	<0.2	154.0	<0.05	0.05	<0.2	<0.005	0.36
M389252		240	12.3	1.2	<0.002	0.01	0.60	2.3	<1	<0.2	130.0	<0.05	<0.05	<0.2	<0.005	0.08

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42	Zn-VOL50	Ba-XRF10
Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg	Zn	Ba
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	%	%
Sample Description / **LOR**	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	1	0.01	0.01
M389213	3.9	215	0.6	4.4	2	42.3							
M389214	13.9	778	0.2	14.6	179	19.3							
M389215	11.0	518	1.4	8.2	14	107.5							
M389216	1.2	20	0.1	7.5	145	13.4							11.35
M389217	1.8	53	0.1	4.7	94	8.4							18.25
M389218	2.4	185	1.0	14.3	5	52.2							
M389219	4.6	404	3.9	22.5	130	105.5							
M389220	3.3	265	1.3	15.1	91	79.9							
M389221	3.8	459	4.1	16.0	21	96.8							
M389222	14.6	20	0.4	11.4	180	1.5							
M389223	11.6	45	0.4	21.0	692	11.4							
M389224	15.0	14	0.3	9.0	77	0.9							
M389225	9.7	17	0.2	10.2	48	1.0							
M389226	11.8	21	0.2	9.6	27	1.0							
M389227	7.0	24	0.1	7.6	10	0.8							
M389228	9.8	39	0.2	10.5	53	1.3							
M389229	26.9	36	0.3	13.4	28	1.2							
M389230	8.6	15	0.1	6.1	46	0.6							
M389231	6.5	33	0.2	6.4	32	1.0							
M389232	30.8	34	0.3	15.9	22	1.3							
M389233	10.6	36	0.3	14.3	211	1.4							
M389234	4.9	14	0.2	7.8	3	4.4							
M389235	28.3	22	0.9	10.6	74	2.7							
M389236	1.4	4	0.1	0.7	21	2.2							
M389237	1.2	2	0.1	0.6	22	0.9							
M389238	10.3	11	0.4	9.3	72	1.1							
M389239	4.2	402	1.9	17.7	64	110.0							
M389240	3.0	196	0.9	12.8	68	58.9							
M389241	2.8	196	1.0	9.7	24	61.6							
M389242	0.8	127	0.6	7.5	96	62.0							
M389243	3.9	248	1.3	28.2	328	80.3							
M389244	23.9	28	0.9	13.3	697	4.3							
M389245	16.8	26	0.6	11.2	236	3.0							
M389246	5.3	11	0.2	4.9	159	1.3							
M389247	42.1	40	1.2	16.6	982	8.2							
M389248	5.7	13	0.3	4.4	58	1.3							
M389249	27.9	26	0.8	11.7	697	5.5							
M389250	6.2	9	0.3	3.2	20	1.1							
M389251	7.9	14	0.3	5.3	159	1.5							
M389252	6.3	15	0.2	7.7	192	1.2							

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M389253		0.27	<0.01	0.34	0.09	66	40	0.17	0.01	36.5	2.09	2.62	0.7	4	0.08	1.9
M389254		0.09	<0.01	0.02	0.05	<5	30	0.10	0.01	38.3	0.07	0.76	0.3	1	<0.05	0.8
M389255		0.29	<0.01	0.04	0.09	7	80	0.24	0.01	36.9	0.10	1.46	0.4	3	0.06	1.1
M389256		0.34	<0.01	0.46	0.19	226	440	0.36	0.01	37.9	1.90	2.86	0.4	2	0.10	1.8
M389257		0.12	<0.01	0.20	0.07	157	20	0.23	0.01	39.3	1.07	2.38	0.7	3	<0.05	1.1
M389258		0.23	<0.01	0.07	0.05	16	10	0.06	0.01	29.5	4.09	0.49	0.4	1	0.05	1.7
M389259		0.14	<0.01	1.28	0.55	246	160	0.48	0.02	38.1	8.19	7.13	0.5	9	0.42	12.5
M389260		0.23	<0.01	0.68	0.35	253	120	0.37	0.02	36.9	3.16	5.51	1.4	6	0.23	1.9
M389261		0.17	<0.01	5.61	0.27	557	70	0.46	0.02	37.0	21.3	4.27	1.1	4	0.22	6.2
M389262		0.16	<0.01	0.09	0.07	26	20	0.08	0.01	30.1	5.16	0.57	0.6	1	<0.05	2.2
M389263		0.13	<0.01	0.15	0.17	82	110	0.18	0.01	32.3	4.53	1.92	1.0	3	0.24	2.3
M389264		0.44	0.01	0.10	0.18	63	50	0.30	0.01	35.4	2.91	1.99	0.9	2	0.22	2.2
M389265		0.13	<0.01	0.03	0.07	<5	10	0.05	0.01	23.9	0.73	0.79	0.4	2	0.06	1.3
M389266		0.19	<0.01	0.16	0.40	<5	110	0.65	0.02	37.7	2.23	4.72	0.6	4	0.26	1.9
M389267		0.20	<0.01	9.77	0.03	236	30	0.08	0.01	31.7	136.5	2.01	0.6	<1	<0.05	10.6
M389268		0.30	<0.01	0.04	0.09	7	10	0.35	0.01	38.7	0.21	1.48	0.4	3	0.07	1.2
M389269		0.29	<0.01	0.11	0.15	77	20	0.42	0.01	38.1	0.26	2.16	0.8	2	0.16	1.4
M389270		0.49	<0.01	0.04	0.06	14	<10	0.29	0.01	34.7	0.14	1.00	0.7	1	0.07	1.2
M389271		0.24	<0.01	0.06	0.19	76	20	0.19	0.01	38.5	0.20	2.15	0.4	4	0.17	1.5
M389272		0.71	<0.01	0.20	0.15	60	20	0.34	0.02	37.1	0.26	2.30	0.6	2	0.15	1.2
M389273		0.39	<0.01	0.13	0.34	111	40	0.33	0.02	20.0	1.42	4.02	28.9	4	0.44	4.2
M389274		0.46	<0.01	0.10	0.64	162	70	0.47	0.03	14.85	1.75	7.04	52.7	7	1.00	6.5
M389275		0.32	<0.01	0.07	0.21	52	30	0.36	0.03	27.9	0.47	2.75	1.4	3	0.21	1.7
M389276		0.16	<0.01	0.04	0.09	45	10	0.53	0.01	38.7	0.19	1.86	0.5	2	0.23	1.1
M389277		0.19	<0.01	0.06	0.09	<5	10	0.55	0.01	38.9	0.91	3.34	0.4	1	0.10	1.7
M389278		0.32	<0.01	0.04	0.07	23	20	0.20	0.02	37.6	1.03	1.53	0.3	2	0.06	1.8
M389279		0.33	<0.01	0.05	0.20	37	60	0.52	0.02	37.3	2.59	2.45	0.3	3	0.25	2.0
M389280		0.25	0.02	1.44	0.23	484	90	0.41	0.03	35.8	3.09	4.06	0.8	5	0.19	3.5
M389281		0.26	<0.01	<0.01	0.14	12	20	0.09	0.02	24.0	0.44	1.96	0.4	2	0.15	1.3
M389282		0.27	<0.01	0.02	0.03	6	10	0.08	0.01	27.0	0.92	0.65	0.4	1	<0.05	1.1
M389283		0.14	<0.01	0.17	0.24	75	50	0.40	0.01	33.3	1.51	2.06	3.8	3	0.40	1.8
M389284		0.43	<0.01	0.48	0.21	91	120	0.42	0.02	39.3	1.34	4.21	0.3	4	0.18	2.4
M389285		0.16	<0.01	0.09	0.06	32	20	0.32	0.01	36.0	5.31	1.03	0.6	3	<0.05	7.4
M389286		0.25	<0.01	0.14	0.14	65	30	0.35	0.02	37.0	1.07	1.94	0.3	2	0.12	1.2
M389287		0.24	<0.01	0.10	0.08	16	30	0.31	0.02	39.6	1.17	1.81	0.4	3	0.06	1.2
M389288		0.26	<0.01	0.05	0.10	<5	20	0.12	0.02	24.4	0.27	1.64	0.3	3	0.08	2.3
M389289		0.19	<0.01	0.07	0.06	<5	10	<0.05	0.01	25.3	0.58	1.35	0.3	2	0.05	1.2
M389290		0.24	<0.01	0.32	0.22	180	20	0.41	0.02	36.4	3.00	3.18	0.4	3	0.21	1.1
M389291		0.73	<0.01	66.2	0.11	424	30	0.27	0.02	34.3	578	1.99	0.3	3	0.10	97.2
M389292		0.22	<0.01	18.95	0.31	510	100	0.35	0.03	36.0	82.6	4.80	0.6	6	0.36	12.8

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Finalized Date: 28-JUN-2013
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CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M389253		0.38	0.29	0.10	<0.1	4.0	<0.005	0.03	2.1	0.5	0.07	388	3.47	<0.01	0.1	3.8
M389254		0.04	0.17	0.09	<0.1	0.1	<0.005	0.02	<0.5	0.5	0.14	128	0.90	<0.01	0.1	0.7
M389255		0.07	0.24	0.09	<0.1	0.3	<0.005	0.04	0.9	0.7	1.03	68	2.08	0.01	0.1	1.8
M389256		0.10	0.43	0.11	0.1	>100	<0.005	0.05	1.4	0.9	0.14	475	0.32	<0.01	0.3	1.1
M389257		0.20	0.24	0.10	<0.1	16.3	<0.005	0.02	1.5	0.5	0.14	486	0.40	<0.01	0.1	2.0
M389258		0.08	0.14	0.10	<0.1	0.49	<0.005	0.01	<0.5	0.5	7.88	36	0.36	0.01	0.1	1.4
M389259		0.40	1.29	0.09	0.2	7.0	<0.005	0.17	4.8	1.7	0.54	415	2.80	0.01	0.9	7.1
M389260		0.34	0.75	0.10	0.1	8.9	<0.005	0.10	3.6	1.2	0.17	461	1.38	0.01	0.5	3.3
M389261		0.48	0.72	0.08	0.1	23.9	<0.005	0.08	2.9	0.9	0.13	489	3.86	0.01	0.4	8.6
M389262		0.14	0.18	0.11	<0.1	0.16	<0.005	0.01	<0.5	0.5	7.01	59	0.40	0.02	0.1	2.2
M389263		0.24	0.43	0.11	0.1	1.1	<0.005	0.06	0.9	0.8	5.87	234	0.95	0.01	0.3	13.9
M389264		0.18	0.46	0.13	0.1	1.25	<0.005	0.07	0.9	0.7	2.82	387	0.54	0.01	0.4	8.6
M389265		0.06	0.18	0.14	<0.1	0.2	<0.005	0.02	<0.5	0.8	11.65	50	0.26	0.03	0.1	1.5
M389266		0.14	1.15	0.13	0.2	0.6	<0.005	0.16	1.9	1.1	0.38	321	0.17	<0.01	0.6	2.2
M389267		0.05	0.26	0.15	<0.1	72.5	<0.005	0.01	1.2	0.6	4.75	176	1.05	0.01	<0.1	3.6
M389268		0.05	0.25	0.12	<0.1	1.1	<0.005	0.03	0.7	0.6	0.21	238	0.09	<0.01	0.1	0.8
M389269		0.18	0.40	0.09	0.1	0.6	<0.005	0.05	1.3	0.7	0.35	345	0.31	<0.01	0.3	3.6
M389270		0.14	0.16	0.10	<0.1	0.2	<0.005	0.02	0.5	0.4	2.75	357	0.10	<0.01	0.1	3.1
M389271		0.14	0.52	0.10	0.1	2.1	<0.005	0.08	1.0	0.7	0.20	272	0.31	<0.01	0.3	2.9
M389272		0.16	0.42	0.09	0.1	1.0	<0.005	0.06	1.1	0.6	0.47	261	0.33	<0.01	0.2	2.6
M389273		10.80	0.93	0.07	0.1	0.78	<0.005	0.14	1.9	1.4	7.89	638	1.14	0.01	0.6	152.5
M389274		23.3	1.75	0.11	0.2	0.4	<0.005	0.24	3.5	2.9	4.22	1580	1.34	0.02	1.0	207
M389275		0.28	0.58	0.09	0.1	0.5	<0.005	0.09	1.2	0.9	7.70	144	0.34	0.01	0.3	7.7
M389276		0.10	0.23	0.08	<0.1	0.52	<0.005	0.02	1.0	0.5	0.43	342	0.17	0.01	0.2	1.4
M389277		0.08	0.25	0.09	0.1	0.1	<0.005	0.03	1.7	0.6	0.14	263	0.07	<0.01	0.1	2.6
M389278		0.06	0.23	0.07	<0.1	0.76	<0.005	0.02	0.9	0.3	0.19	335	0.20	0.01	0.1	1.6
M389279		0.10	0.62	0.09	0.1	0.6	<0.005	0.08	1.3	0.6	0.26	395	0.41	<0.01	0.3	2.0
M389280		0.47	0.61	0.08	0.1	16.6	<0.005	0.08	3.0	0.7	0.12	632	1.34	<0.01	0.5	3.8
M389281		0.06	0.35	0.20	0.1	0.3	<0.005	0.06	1.2	0.7	11.40	41	0.56	0.02	0.2	2.4
M389282		0.04	0.13	0.24	<0.1	<0.1	<0.005	0.01	0.7	0.4	9.47	87	0.22	0.02	<0.1	1.7
M389283		0.17	0.60	0.17	0.1	1.46	<0.005	0.07	0.9	1.0	2.91	1130	0.19	0.02	0.2	6.0
M389284		0.15	0.53	0.12	0.1	6.1	<0.005	0.06	2.9	0.7	0.12	613	0.81	0.01	0.4	2.4
M389285		0.12	0.22	0.13	<0.1	1.1	<0.005	0.01	0.8	0.3	2.57	390	0.24	0.01	0.1	2.6
M389286		0.09	0.39	0.11	0.1	1.4	<0.005	0.06	1.0	0.5	0.16	225	0.70	0.01	0.2	1.4
M389287		0.05	0.30	0.12	<0.1	2.1	<0.005	0.02	1.3	0.4	0.26	456	0.14	<0.01	0.1	1.5
M389288		0.06	0.28	0.14	<0.1	0.11	<0.005	0.04	1.0	0.6	10.85	80	0.14	0.02	0.1	1.2
M389289		0.04	0.17	0.20	<0.1	0.12	<0.005	0.02	0.7	0.5	9.97	37	0.09	0.02	0.1	1.6
M389290		0.23	0.60	0.14	0.1	2.6	<0.005	0.09	2.2	0.9	0.19	288	0.91	<0.01	0.3	1.5
M389291		0.16	1.19	0.22	<0.1	>100	0.005	0.03	1.3	0.5	0.20	487	0.59	<0.01	0.2	2.1
M389292		0.33	1.17	0.09	0.1	83.9	0.005	0.10	3.1	1.0	0.18	504	1.76	<0.01	0.6	2.3

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M389253		630	27.1	1.4	0.002	0.01	1.72	2.1	<1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	0.19
M389254		180	2.7	0.9	0.002	<0.01	0.11	0.5	<1	<0.2	124.5	<0.05	0.06	<0.2	<0.005	0.02
M389255		290	1.9	1.4	0.009	0.01	0.10	0.2	<1	<0.2	173.0	<0.05	0.14	0.2	0.005	0.17
M389256		340	30.5	1.9	<0.002	0.02	0.51	0.7	1	<0.2	81.0	<0.05	0.06	0.3	0.010	0.86
M389257		50	35.3	0.9	<0.002	0.01	0.91	3.4	<1	<0.2	25.6	<0.05	0.12	0.2	<0.005	0.33
M389258		50	20.7	0.7	<0.002	<0.01	1.04	0.2	<1	<0.2	124.5	<0.05	<0.05	<0.2	<0.005	0.03
M389259		230	172.5	6.7	<0.002	0.01	5.84	4.1	<1	0.2	61.2	0.05	<0.05	0.8	0.026	0.54
M389260		160	142.0	4.1	<0.002	0.02	2.92	4.5	<1	<0.2	40.8	<0.05	<0.05	0.6	0.016	0.77
M389261		170	1420	3.3	<0.002	0.02	30.8	2.9	<1	<0.2	36.8	<0.05	0.07	0.4	0.014	0.29
M389262		50	18.9	0.6	<0.002	<0.01	1.28	0.2	<1	<0.2	120.5	<0.05	<0.05	<0.2	<0.005	0.04
M389263		150	20.8	2.9	<0.002	<0.01	1.36	0.6	<1	<0.2	98.1	<0.05	<0.05	0.3	0.010	2.98
M389264		100	25.7	3.1	<0.002	0.01	1.05	0.6	<1	<0.2	66.2	<0.05	0.09	0.3	0.010	2.18
M389265		60	8.0	0.9	<0.002	<0.01	0.14	0.2	<1	<0.2	118.0	<0.05	<0.05	<0.2	<0.005	0.03
M389266		180	36.1	6.6	<0.002	0.02	0.66	0.9	<1	<0.2	34.3	<0.05	0.13	0.6	0.022	0.19
M389267		40	4180	0.3	<0.002	0.06	168.5	0.1	6	<0.2	250	<0.05	<0.05	<0.2	<0.005	0.28
M389268		80	4.2	1.2	<0.002	0.01	0.24	1.0	<1	<0.2	19.4	<0.05	<0.05	<0.2	<0.005	0.10
M389269		80	19.0	2.4	<0.002	0.01	0.96	1.5	<1	<0.2	14.9	<0.05	0.13	0.3	0.008	0.08
M389270		50	2.2	1.0	<0.002	<0.01	0.18	0.4	<1	<0.2	36.1	<0.05	0.07	<0.2	<0.005	0.65
M389271		150	3.3	3.2	<0.002	0.01	0.47	0.6	2	<0.2	21.0	<0.05	0.09	0.3	0.009	0.22
M389272		110	86.5	2.6	<0.002	0.01	0.74	1.1	<1	<0.2	21.3	<0.05	0.05	0.2	0.007	0.22
M389273		170	8.1	6.0	<0.002	0.02	0.90	0.8	<1	<0.2	69.7	<0.05	<0.05	0.5	0.018	0.75
M389274		260	12.2	12.1	<0.002	0.03	0.99	1.6	1	0.2	51.5	0.07	0.05	1.0	0.033	0.89
M389275		150	2.2	3.6	<0.002	<0.01	0.26	0.4	2	<0.2	80.8	<0.05	0.11	0.3	0.011	0.21
M389276		60	3.2	1.2	<0.002	0.01	0.23	1.1	1	<0.2	18.7	<0.05	0.12	<0.2	0.006	0.10
M389277		120	12.8	1.2	<0.002	0.01	0.10	1.6	3	<0.2	33.5	<0.05	<0.05	<0.2	<0.005	4.45
M389278		40	9.7	0.9	<0.002	<0.01	0.41	1.6	<1	<0.2	16.2	<0.05	<0.05	<0.2	<0.005	0.05
M389279		200	12.4	3.2	<0.002	0.01	0.81	0.6	<1	<0.2	18.8	<0.05	<0.05	0.3	0.010	0.14
M389280		180	377	3.0	<0.002	0.04	5.78	2.6	1	<0.2	40.7	<0.05	<0.05	0.4	0.013	0.59
M389281		200	1.2	2.1	<0.002	<0.01	0.15	0.3	<1	<0.2	107.5	<0.05	<0.05	0.2	0.006	0.06
M389282		50	3.1	0.3	<0.002	<0.01	0.11	0.2	<1	<0.2	98.4	<0.05	<0.05	<0.2	<0.005	0.02
M389283		120	118.5	2.8	<0.002	0.01	0.62	0.9	<1	<0.2	63.6	<0.05	<0.05	0.3	0.009	2.40
M389284		160	60.7	2.2	<0.002	<0.01	1.70	2.0	1	<0.2	35.1	<0.05	<0.05	0.3	0.011	0.12
M389285		50	27.3	0.6	<0.002	<0.01	0.49	0.3	<1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.13
M389286		100	34.1	2.1	<0.002	0.01	1.13	0.4	<1	<0.2	105.0	<0.05	<0.05	0.2	0.007	0.10
M389287		90	20.8	0.8	<0.002	0.01	0.32	3.2	<1	<0.2	19.3	<0.05	<0.05	<0.2	<0.005	0.07
M389288		70	6.9	1.3	<0.002	<0.01	0.10	0.3	<1	<0.2	121.5	<0.05	<0.05	<0.2	0.005	0.03
M389289		50	4.6	0.8	<0.002	<0.01	0.10	0.2	<1	<0.2	165.5	<0.05	<0.05	<0.2	<0.005	0.02
M389290		120	94.5	3.6	<0.002	0.03	1.29	1.7	<1	<0.2	10.8	<0.05	<0.05	0.3	0.011	0.52
M389291		90	1420	1.2	0.002	3.77	77.0	2.2	2	0.8	16.2	<0.05	<0.05	0.2	0.005	1.85
M389292		230	4240	3.7	<0.002	0.60	53.6	2.9	1	0.2	29.5	<0.05	<0.05	0.6	0.016	2.12

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Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42	Zn-VOL50	Ba-XRF10
Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg	Zn	Ba
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	%	%
LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	1	0.01	0.01
M389253	10.8	20	0.2	8.9	192	1.5							
M389254	2.6	8	<0.1	2.8	8	1.1							
M389255	3.8	5	0.3	1.1	16	1.5							
M389256	4.3	9	0.2	4.0	27	2.3					600		
M389257	5.9	16	0.1	6.6	59	1.7							
M389258	2.4	4	0.1	0.5	51	0.7							
M389259	7.5	28	1.0	5.2	411	6.9							
M389260	7.7	19	0.6	7.7	173	5.0							
M389261	7.4	14	0.6	4.5	4710	4.1							
M389262	2.9	4	0.1	0.5	76	1.0							
M389263	3.2	6	0.2	1.9	675	2.7							
M389264	4.8	7	0.3	2.0	331	3.1							
M389265	1.9	3	<0.1	0.8	30	1.0							
M389266	2.8	9	0.5	2.4	106	5.7							
M389267	1.5	1	0.1	1.5	>10000	0.6			1.770				
M389268	3.1	7	0.2	3.1	19	1.5							
M389269	4.2	15	0.2	6.8	86	2.8							
M389270	2.9	5	0.1	2.3	48	1.5							
M389271	4.4	8	0.2	3.2	37	2.7							
M389272	4.1	9	0.2	3.9	40	3.1							
M389273	3.2	9	0.3	2.9	1000	4.3							
M389274	4.3	17	0.4	5.3	2720	8.4							
M389275	3.1	8	0.2	1.5	134	2.8							
M389276	4.2	7	0.1	4.8	19	1.9							
M389277	6.9	11	0.1	6.3	163	3.7							
M389278	3.5	11	0.1	5.5	33	1.2							
M389279	4.1	6	0.2	2.7	79	3.0							
M389280	6.8	18	0.6	10.0	197	4.2							
M389281	1.8	7	0.1	2.0	21	1.8							
M389282	2.2	4	<0.1	1.8	30	0.7							
M389283	5.1	9	0.3	3.2	252	3.3							
M389284	5.1	15	0.4	8.7	115	3.5							
M389285	3.8	4	0.1	3.4	111	1.8							
M389286	4.9	8	0.2	3.1	46	2.4							
M389287	5.9	14	0.2	7.2	58	1.6							
M389288	1.5	4	0.1	1.7	33	1.6							
M389289	2.4	3	0.1	1.0	42	0.8							
M389290	3.7	10	0.4	4.8	76	3.0							
M389291	5.3	15	0.3	6.5	>10000	2.5			7.44		373		
M389292	8.0	18	0.8	6.4	>10000	5.7			1.020				

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Finalized Date: 28- JUN- 2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M389293		0.58	0.02	>100	0.28	2850	40	0.15	0.03	3.76	>1000	2.22	4.4	6	0.43	222
M389294		0.71	0.33	>100	0.22	>10000	30	0.12	0.03	6.34	409	1.94	3.8	8	0.26	40.7
M389295		0.65	0.03	>100	0.26	1270	40	0.18	0.02	9.26	>1000	2.87	5.9	5	0.31	187.5
M389296		0.36	0.77	>100	0.47	3910	90	0.17	0.01	1.16	>1000	4.80	4.6	8	0.46	73.9
M389297		0.38	0.49	>100	0.64	8000	90	0.25	0.03	0.56	678	5.69	8.6	12	0.82	61.6
M389298		0.51	0.45	>100	0.24	1710	40	0.14	0.02	0.61	>1000	1.67	4.9	7	0.23	96.2
M389299		0.22	0.36	>100	0.43	4240	60	0.16	0.04	0.54	>1000	3.40	3.6	9	0.47	111.5
M389300		0.34	0.01	>100	0.24	1150	20	0.08	0.04	0.61	>1000	1.81	2.5	5	0.35	292
M389301		0.36	0.02	>100	0.21	1060	60	0.15	0.01	22.7	>1000	3.48	1.8	<1	0.23	134.0
M389302		0.23	0.48	>100	0.36	>10000	50	0.18	0.06	0.47	>1000	3.18	5.1	8	0.42	115.0
M389303		0.33	0.56	>100	0.52	>10000	80	0.25	0.06	0.54	>1000	4.92	6.3	11	0.55	187.5
M389304		0.23	1.03	>100	0.74	>10000	110	0.19	0.09	0.48	965	7.88	8.4	16	1.16	110.0
M389305		0.38	0.02	>100	0.20	909	20	0.10	0.01	3.73	>1000	1.97	2.6	3	0.41	258
M389306		0.36	0.45	>100	0.40	1845	110	0.19	0.01	0.52	810	3.22	6.9	9	0.43	59.7
M389307		0.16	<0.01	1.32	0.18	66	20	0.33	0.01	29.0	4.26	2.71	0.8	<1	0.21	10.5
M389308		0.15	<0.01	1.49	0.62	135	150	0.31	0.03	36.3	4.82	9.75	2.0	5	0.38	16.1
M389309		0.17	<0.01	0.44	0.07	28	<10	0.22	0.01	29.7	1.80	1.51	0.5	<1	0.09	10.8
M389310		0.35	<0.01	0.15	0.06	56	10	0.20	0.01	30.8	1.89	0.97	3.5	2	0.05	1.8
M389311		0.21	<0.01	0.25	0.23	37	30	0.26	0.01	27.6	0.99	3.33	0.9	7	0.17	1.4
M389312		0.15	<0.01	0.35	0.06	35	10	0.24	<0.01	32.1	2.90	1.05	0.4	2	<0.05	1.1
M389313		0.21	<0.01	0.20	0.31	87	30	0.68	0.01	36.4	0.49	4.14	0.6	4	0.23	2.0
M389314		0.23	<0.01	0.20	0.17	7	20	0.32	0.02	36.7	1.38	2.42	0.4	<1	0.11	2.0
M389315		0.19	<0.01	0.16	0.23	24	20	0.11	0.02	23.0	0.38	2.50	0.4	<1	0.33	1.4
M389316		0.16	<0.01	0.21	0.60	52	80	0.34	0.04	25.6	1.21	7.39	1.4	3	0.51	2.7
M389317		0.16	<0.01	0.08	0.10	<5	10	0.08	0.01	23.0	0.27	1.04	0.3	<1	0.07	1.0
M389318		0.37	<0.01	0.09	0.04	17	20	0.06	0.01	22.9	0.35	0.76	0.3	<1	0.05	1.0
M389319		0.10	<0.01	0.13	0.22	30	30	0.12	0.02	26.5	0.55	3.75	0.7	<1	0.24	2.5
M389320		0.88	<0.01	0.05	0.06	6	80	0.12	0.01	24.7	0.23	1.12	0.4	<1	<0.05	1.1
M389321		0.40	<0.01	0.03	0.03	12	40	0.08	0.01	25.7	0.16	2.11	0.3	<1	<0.05	1.1
M389322		0.25	<0.01	0.03	0.02	7	20	0.07	0.01	37.8	0.09	1.22	0.2	<1	<0.05	1.0
M389323		0.35	<0.01	0.08	3.32	94	840	1.00	0.11	18.95	0.16	39.6	5.5	36	2.82	8.9
M389324		0.29	<0.01	0.05	0.12	<5	60	0.12	0.01	38.1	0.22	1.68	0.4	<1	0.11	1.3
M389325		0.22	<0.01	0.09	0.29	95	30	0.28	0.02	37.7	0.41	5.31	1.1	<1	0.28	1.4
M389326		0.24	<0.01	0.02	0.04	<5	100	0.05	0.01	30.2	0.17	2.75	0.3	5	<0.05	1.0
M389327		0.16	<0.01	0.16	0.15	28	60	0.14	0.01	38.1	0.76	2.38	0.4	<1	0.13	1.7
M389328		0.46	<0.01	0.79	0.09	82	50	0.16	0.01	37.3	0.62	1.14	0.5	<1	0.12	1.5
M389329		0.39	0.05	0.62	0.32	142	150	0.26	0.02	37.1	1.06	7.15	1.5	2	0.35	3.5
M389330		0.48	0.03	0.51	0.16	104	80	0.40	0.02	36.8	0.89	4.51	1.2	<1	0.18	2.2
M389331		0.42	0.02	0.20	0.10	36	90	0.21	0.01	37.3	0.43	3.35	0.5	<1	0.07	1.0
M389332		0.87	0.03	0.30	0.14	167	110	0.19	0.01	38.7	0.64	4.30	1.0	1	0.16	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M389293		2.10	5.64	0.11	0.1	>100	0.008	0.09	1.3	5.5	0.06	650	41.3	0.01	0.3	28.9
M389294		1.65	3.18	0.09	0.1	>100	0.010	0.07	1.3	3.3	0.05	421	15.40	0.01	0.2	15.5
M389295		2.77	4.22	0.07	0.1	>100	0.011	0.10	1.7	2.3	0.08	598	6.37	<0.01	0.3	46.4
M389296		3.13	7.20	0.12	0.2	>100	0.006	0.18	3.3	4.9	0.05	511	8.60	0.01	0.6	36.8
M389297		4.64	5.21	0.16	0.2	>100	0.006	0.21	3.9	4.9	0.06	495	33.9	0.01	0.8	44.2
M389298		1.95	4.91	0.19	0.1	>100	0.014	0.08	1.1	3.1	0.03	318	10.30	<0.01	0.2	22.7
M389299		1.24	3.88	0.28	0.1	>100	0.010	0.14	2.4	3.4	0.06	320	10.80	0.02	0.5	22.8
M389300		1.03	6.06	0.09	0.1	>100	0.009	0.07	1.1	5.2	0.05	611	11.65	0.01	0.3	16.0
M389301		0.90	3.13	0.11	0.1	>100	<0.005	0.08	2.5	1.6	0.07	843	6.47	<0.01	0.3	18.6
M389302		1.67	4.18	0.28	0.2	>100	0.012	0.13	2.2	3.3	0.05	369	50.2	0.01	0.4	31.4
M389303		2.40	4.94	0.38	0.2	>100	0.012	0.18	3.3	3.3	0.06	311	94.7	0.01	0.7	42.4
M389304		2.62	4.61	0.22	0.3	>100	0.019	0.27	5.5	3.6	0.06	421	165.5	0.01	1.0	50.7
M389305		0.85	4.56	0.08	0.1	>100	0.005	0.06	1.2	3.8	0.05	835	4.87	0.01	0.2	18.0
M389306		3.58	3.89	0.17	0.1	>100	<0.005	0.13	2.3	4.3	0.04	443	8.54	<0.01	0.4	32.2
M389307		0.21	0.49	0.17	0.1	12.1	<0.005	0.06	1.6	0.9	4.19	279	0.55	0.01	0.3	3.7
M389308		0.44	1.59	0.19	0.4	9.4	0.009	0.20	6.3	2.4	0.16	406	1.99	<0.01	1.4	4.5
M389309		0.09	0.20	0.18	<0.1	1.3	<0.005	0.02	1.2	0.5	6.66	249	0.30	0.01	0.1	2.1
M389310		0.80	0.15	0.05	<0.1	1.4	<0.005	0.02	0.6	0.4	4.26	296	0.75	0.01	0.1	17.5
M389311		0.22	0.57	0.14	0.1	1.0	<0.005	0.06	1.7	1.1	6.68	244	0.27	0.03	0.4	2.8
M389312		0.12	0.16	0.17	<0.1	0.38	<0.005	0.01	0.7	0.3	4.16	322	0.18	0.01	0.1	1.5
M389313		0.20	0.72	0.13	0.1	3.0	<0.005	0.12	2.0	0.9	0.74	703	0.27	0.01	0.4	2.8
M389314		0.09	0.50	<0.05	0.1	1.1	<0.005	0.07	1.3	0.5	0.45	235	0.45	<0.01	0.2	0.9
M389315		0.12	0.63	0.11	0.1	0.4	<0.005	0.08	1.3	1.0	11.20	39	0.21	0.03	0.4	1.1
M389316		0.37	1.57	0.16	0.2	1.12	0.005	0.16	3.8	3.4	7.54	199	0.52	0.07	1.1	4.4
M389317		0.07	0.32	0.20	0.1	0.15	<0.005	0.03	0.6	0.7	11.35	52	0.15	0.02	0.1	0.8
M389318		0.05	0.17	0.23	<0.1	0.30	<0.005	0.01	<0.5	0.5	11.40	81	0.11	0.02	0.1	0.8
M389319		0.15	0.63	0.28	0.1	0.77	<0.005	0.07	2.5	1.3	8.34	78	0.68	0.03	0.4	3.4
M389320		0.04	0.23	0.25	<0.1	0.14	<0.005	0.02	0.6	0.9	9.33	29	0.22	0.01	0.1	1.3
M389321		0.05	0.15	0.25	<0.1	0.45	<0.005	0.01	2.7	0.6	8.25	97	0.24	0.01	0.1	1.1
M389322		0.03	0.13	0.22	<0.1	0.43	<0.005	0.01	1.2	0.3	0.22	135	0.10	<0.01	0.1	0.2
M389323		1.21	9.26	0.23	1.3	0.30	0.029	1.51	18.5	21.2	6.81	135	1.50	0.03	5.5	18.3
M389324		0.06	0.41	0.18	<0.1	0.09	<0.005	0.05	0.9	0.6	0.36	56	0.54	0.01	0.2	2.6
M389325		0.25	0.84	0.18	0.1	1.60	<0.005	0.13	2.7	0.9	0.10	296	0.93	<0.01	0.5	2.8
M389326		0.04	0.20	0.16	<0.1	0.09	<0.005	0.01	3.6	0.4	6.80	34	0.22	0.01	0.1	0.5
M389327		0.11	0.38	0.18	0.1	37.9	<0.005	0.05	1.7	0.4	0.09	138	3.08	0.02	0.2	2.2
M389328		0.08	0.30	0.18	<0.1	6.23	0.006	0.04	0.9	0.3	0.11	199	1.64	<0.01	0.1	1.2
M389329		0.36	0.88	0.18	0.1	10.0	0.005	0.12	5.6	0.8	0.09	367	13.05	0.01	0.6	10.0
M389330		0.39	0.51	0.15	0.1	>100	<0.005	0.06	3.4	0.5	0.08	435	6.44	<0.01	0.3	8.2
M389331		0.16	0.27	0.11	<0.1	1.70	<0.005	0.03	2.5	0.2	0.07	436	3.38	0.01	0.2	3.0
M389332		0.14	0.43	0.11	0.1	3.78	<0.005	0.06	3.4	0.5	0.09	432	4.92	<0.01	0.3	6.1

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M389293		720	>10000	3.7	0.004	0.12	115.5	1.2	35	0.2	13.6	<0.05	<0.05	0.4	0.010	7.94
M389294		530	>10000	2.7	0.004	0.24	56.7	0.7	28	0.3	23.1	<0.05	<0.05	0.4	0.007	9.20
M389295		1820	2440	3.8	<0.002	0.14	51.3	2.0	24	0.2	25.9	<0.05	<0.05	0.6	0.009	4.52
M389296		1880	1925	6.3	0.002	0.79	72.0	1.2	21	0.4	15.9	<0.05	<0.05	0.7	0.020	6.66
M389297		990	>10000	7.7	0.005	0.13	101.0	0.8	32	0.5	27.1	0.05	<0.05	0.8	0.030	5.71
M389298		680	>10000	2.8	0.004	0.20	60.3	0.5	56	0.5	11.4	<0.05	<0.05	0.3	0.008	6.51
M389299		710	>10000	5.0	0.004	0.18	80.0	0.8	89	0.4	18.7	<0.05	<0.05	0.6	0.018	12.65
M389300		910	>10000	2.7	0.003	0.16	69.8	1.0	9	0.2	10.3	<0.05	<0.05	0.4	0.011	7.39
M389301		2280	1845	2.9	0.002	0.05	41.0	1.9	13	0.2	88.2	<0.05	<0.05	0.5	0.010	3.11
M389302		690	>10000	4.5	0.019	0.22	158.0	0.7	90	0.5	23.5	<0.05	<0.05	0.5	0.016	31.3
M389303		890	>10000	6.4	0.021	0.19	222	1.3	135	0.5	28.6	0.05	<0.05	0.7	0.025	30.6
M389304		780	>10000	10.0	0.024	0.29	236	1.1	65	0.9	72.7	0.07	0.05	1.0	0.039	29.3
M389305		590	>10000	2.4	<0.002	0.11	38.0	0.8	11	<0.2	32.2	<0.05	<0.05	0.3	0.008	7.45
M389306		840	3400	4.7	<0.002	0.10	68.2	0.7	41	0.4	22.5	<0.05	<0.05	0.5	0.015	4.30
M389307		130	76.5	2.8	<0.002	0.01	1.22	1.1	1	<0.2	51.1	<0.05	<0.05	0.3	0.009	0.28
M389308		170	329	7.9	<0.002	0.04	4.49	3.3	2	0.3	48.8	0.09	0.06	1.3	0.036	0.91
M389309		70	46.3	1.0	<0.002	<0.01	0.71	0.3	1	<0.2	70.6	<0.05	<0.05	<0.2	<0.005	0.21
M389310		60	15.7	0.7	<0.002	<0.01	0.57	0.4	<1	0.3	61.0	<0.05	<0.05	<0.2	<0.005	0.14
M389311		120	24.6	2.7	<0.002	<0.01	0.41	0.9	1	0.2	84.8	<0.05	<0.05	0.4	0.015	0.20
M389312		70	76.1	0.7	<0.002	<0.01	0.70	0.6	<1	<0.2	61.4	<0.05	<0.05	<0.2	<0.005	0.03
M389313		80	19.0	4.4	<0.002	0.01	0.70	1.5	1	<0.2	40.2	<0.05	<0.05	0.4	0.015	0.43
M389314		210	10.9	2.9	<0.002	0.01	0.18	0.8	1	<0.2	26.2	<0.05	0.10	0.3	0.008	0.18
M389315		80	19.0	3.6	<0.002	0.01	0.29	0.6	<1	<0.2	143.0	<0.05	<0.05	0.4	0.014	0.06
M389316		160	28.4	9.0	<0.002	<0.01	0.60	1.4	<1	0.3	98.3	0.07	0.13	1.1	0.033	0.44
M389317		70	4.8	1.3	<0.002	<0.01	<0.05	0.2	1	<0.2	127.0	<0.05	0.09	<0.2	0.005	0.04
M389318		50	15.3	0.6	<0.002	<0.01	0.18	0.4	<1	<0.2	99.1	<0.05	<0.05	<0.2	<0.005	0.06
M389319		150	18.0	3.6	<0.002	<0.01	0.32	0.7	<1	0.2	174.0	<0.05	<0.05	0.4	0.013	0.16
M389320		60	3.6	0.9	<0.002	<0.01	0.07	0.1	<1	<0.2	114.5	<0.05	0.06	<0.2	<0.005	0.04
M389321		110	2.3	0.4	<0.002	<0.01	0.15	1.6	<1	0.2	73.6	<0.05	0.07	<0.2	<0.005	0.02
M389322		60	1.7	0.3	<0.002	<0.01	<0.05	0.8	2	<0.2	102.0	<0.05	<0.05	<0.2	<0.005	<0.02
M389323		1000	7.9	65.4	<0.002	0.02	2.05	5.7	<1	1.5	230	0.37	0.08	6.1	0.190	1.23
M389324		80	4.2	2.0	0.003	<0.01	0.21	0.3	2	0.2	271	<0.05	0.08	0.2	0.006	0.06
M389325		160	11.3	5.1	<0.002	<0.01	0.68	2.0	1	0.2	33.4	<0.05	0.13	1.0	0.017	0.73
M389326		280	2.0	0.5	<0.002	<0.01	<0.05	0.3	<1	<0.2	233	<0.05	<0.05	0.2	<0.005	0.03
M389327		980	14.1	2.4	0.003	<0.01	1.11	1.6	<1	<0.2	75.6	<0.05	0.11	0.2	0.007	0.07
M389328		310	209	1.7	<0.002	<0.01	8.78	1.5	2	<0.2	232	<0.05	0.19	<0.2	<0.005	0.18
M389329		1840	182.5	4.8	0.003	0.01	3.18	2.3	1	0.2	75.9	<0.05	0.17	0.5	0.018	0.93
M389330		1010	190.5	2.6	0.002	0.01	2.32	2.0	2	<0.2	53.1	<0.05	0.12	0.3	0.009	0.93
M389331		500	74.7	1.2	0.002	<0.01	0.89	2.0	1	<0.2	38.5	<0.05	0.11	<0.2	0.006	0.32
M389332		810	117.5	2.3	0.002	<0.01	0.97	2.0	2	<0.2	79.1	<0.05	0.13	0.3	0.008	2.91

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Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 1	Zn-VOL50 Zn % 0.01	Ba-XRF10 Ba % 0.01
M389293		9.7	20	1.2	4.0	>10000	4.1	346	1.575	21.4		1030		
M389294		7.1	9	1.0	2.4	>10000	2.7	112	1.345	4.77	1.050	971		
M389295		6.8	19	1.4	7.6	>10000	4.0	347		25.0		782		
M389296		8.6	20	2.0	4.9	>10000	5.8	148		24.3		1450		
M389297		13.3	19	2.0	4.5	>10000	8.2	133	2.02	9.61		932		
M389298		6.0	10	0.9	2.5	>10000	2.7	304	2.71	13.75		1765		
M389299		13.2	20	0.9	3.3	>10000	4.8	463	7.19	20.7		1325		
M389300		9.2	20	0.8	2.6	>10000	2.5	900	4.43	28.3		1905		
M389301		10.2	17	1.6	6.2	>10000	3.1	280		14.20		636		
M389302		43.0	17	1.7	3.5	>10000	4.8	561	9.89	16.95	1.495	1555		
M389303		56.6	25	2.7	4.5	>10000	7.6	519	8.42	16.00	2.31	1575		
M389304		64.5	46	5.2	4.1	>10000	11.9	460	11.75	10.90	2.16	1610		
M389305		4.1	15	0.6	2.9	>10000	2.1	491	1.220	>30.0		1120	28.99	
M389306		4.4	14	1.5	3.1	>10000	4.8	149		11.05		994		
M389307		3.4	8	0.2	4.0	422	3.0							
M389308		7.3	22	1.2	8.7	350	12.3							
M389309		2.6	6	0.1	2.6	110	1.9							
M389310		2.8	3	0.1	1.2	213	1.3							
M389311		2.2	9	0.1	3.7	83	2.9							
M389312		4.3	8	0.1	3.4	66	1.2							
M389313		4.4	15	0.4	6.7	69	4.2							
M389314		3.7	5	0.2	2.5	109	2.4							
M389315		2.2	6	0.2	1.0	47	3.2							
M389316		2.6	14	0.3	3.4	182	8.0							
M389317		1.4	3	0.1	0.7	25	1.1							
M389318		2.2	4	<0.1	0.8	38	0.7							
M389319		1.9	8	0.1	3.3	60	3.3							
M389320		1.2	3	0.1	0.7	23	1.3							
M389321		7.5	18	0.1	9.4	26	0.7							
M389322		3.6	10	0.1	7.1	13	0.6							
M389323		5.8	32	1.7	9.9	43	43.8							
M389324		2.7	5	0.3	1.0	23	1.9							
M389325		8.5	13	0.3	6.0	45	5.0							
M389326		4.4	24	0.1	8.8	9	0.9							
M389327		15.2	17	0.3	7.3	48	2.1							
M389328		5.9	11	0.2	3.9	43	1.2							
M389329		26.6	29	0.9	12.1	126	4.9							
M389330		16.8	21	0.5	12.0	144	2.9					522		
M389331		9.6	18	0.2	10.3	62	1.8							
M389332		14.5	19	0.4	10.7	66	2.6							

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M389333		0.38	<0.01	0.03	0.13	36	100	0.07	0.01	37.4	0.62	3.88	0.4	<1	0.18	1.4
M389334		0.36	<0.01	0.07	0.17	60	100	0.13	0.01	37.1	1.75	3.85	0.5	<1	0.22	1.3
M389335		0.67	0.03	1.56	0.25	126	190	0.15	0.02	37.4	7.02	5.48	1.0	1	0.25	2.1
M389336		0.33	0.01	3.08	0.31	92	250	0.30	0.03	35.9	9.65	7.41	1.1	3	0.31	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M389333		0.10	0.43	0.13	0.1	0.64	0.009	0.06	3.1	0.6	0.21	66	2.62	0.01	0.3	2.7
M389334		0.15	0.55	0.15	0.1	0.63	<0.005	0.08	3.2	0.5	0.16	115	4.45	0.01	0.3	4.3
M389335		0.16	0.69	0.12	0.1	>100	<0.005	0.10	4.1	0.9	0.07	471	12.50	<0.01	0.6	7.1
M389336		0.23	0.86	0.11	0.2	>100	0.008	0.11	5.4	1.1	0.08	415	16.30	0.01	0.8	8.6

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CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M389333		570	2.7	2.7	<0.002	<0.01	0.78	0.5	2	<0.2	537	<0.05	0.18	0.2	0.007	0.23
M389334		1380	6.4	3.6	0.002	<0.01	0.95	0.9	3	<0.2	299	<0.05	0.13	0.3	0.009	0.44
M389335		1200	347	4.2	0.003	0.02	7.37	1.2	<1	0.2	75.2	<0.05	0.12	0.5	0.015	0.82
M389336		1400	648	4.8	0.002	0.04	10.25	1.6	2	0.2	76.7	0.05	0.08	0.6	0.021	0.98

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CERTIFICATE OF ANALYSIS WH13110535

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 1	Zn-VOL50 Zn % 0.01	Ba-XRF10 Ba % 0.01
M389333		8.4	16	0.4	5.5	37	2.2							
M389334		12.2	24	0.5	7.1	67	2.6							
M389335		18.0	13	0.7	5.8	452	4.2					638		
M389336		19.9	17	1.0	8.3	711	5.4					972		

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CERTIFICATE OF ANALYSIS WH13110535

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41 Hg-CV42

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	As-OG62	Au-AA26	Ba-XRF10
	Hg-CV41	Hg-CV42	ME-MS61	ME-OG62
	ME-XRF10	OA-GRA06	Pb-OG62	Zn-OG62
	Zn-VOL50			

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

CERTIFICATE WH13111762

Project: Nadaleen
P.O. No.: R13-06
This report is for 37 Rock samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13111762

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M389337		0.20	0.01	3.96	0.43	138	240	0.14	0.04	35.0	11.70	8.81	1.3	9	0.42	6.1
M389338		0.45	0.01	0.97	0.23	100	100	0.23	0.02	37.2	6.70	4.27	1.0	5	0.24	2.3
M389339		0.66	0.01	1.27	0.27	97	220	0.15	0.03	37.3	3.04	6.32	1.0	6	0.26	1.6
M389340		0.53	0.01	2.89	0.46	154	210	0.21	0.04	34.8	11.05	8.68	1.9	10	0.46	3.7
M389341		0.66	<0.01	0.39	0.25	115	100	0.15	0.02	38.6	2.18	4.30	0.9	5	0.22	1.2
M389342		0.32	<0.01	0.13	0.06	29	50	0.12	0.01	38.1	2.81	1.30	0.5	2	0.05	1.2
M389343		0.28	0.01	1.11	0.12	48	80	0.12	0.02	37.8	5.59	2.30	0.7	2	0.09	1.6
M389344		0.38	0.01	2.12	0.30	102	150	0.19	0.03	35.9	10.55	5.76	0.7	6	0.27	2.5
M389345		0.33	0.01	0.86	0.34	14	280	0.20	0.02	36.5	3.57	7.81	0.8	8	0.30	1.8
M389346		0.24	<0.01	0.15	0.41	107	70	0.16	0.02	37.4	1.46	6.86	2.2	8	0.42	1.9
M389347		0.14	<0.01	2.13	0.28	190	60	0.41	0.02	36.5	6.33	3.58	0.7	3	0.22	1.5
M389348		0.20	<0.01	0.06	0.06	11	10	0.06	0.01	25.3	0.52	1.11	0.3	1	0.07	1.3
M389349		0.23	0.02	1.74	0.18	173	40	0.09	0.02	27.9	12.40	2.77	0.6	4	0.13	1.4
M389350		0.20	0.07	22.3	0.76	646	240	0.25	0.04	31.9	33.3	9.55	1.3	13	0.56	6.9
M389351		0.32	0.08	31.3	0.79	602	250	0.20	0.04	29.9	72.6	9.43	1.9	14	0.60	11.5
M389352		0.67	<0.01	13.90	0.05	1340	90	0.10	0.01	34.6	53.7	1.67	0.5	1	0.05	5.1
M389353		0.17	<0.01	1.60	0.03	873	60	0.08	0.01	36.5	13.55	1.20	1.0	1	<0.05	1.4
M389354		0.23	0.01	16.45	0.05	2120	80	0.10	0.01	36.0	78.5	1.76	0.5	2	0.05	6.5
M389355		0.33	<0.01	4.29	0.02	1400	50	0.08	0.01	34.8	14.90	0.96	1.6	1	<0.05	1.4
M389356		0.22	<0.01	6.31	0.30	177	200	0.16	0.03	36.8	27.4	5.19	1.0	7	0.24	5.1
M389357		0.33	<0.01	1.42	0.14	154	40	0.20	0.02	37.4	7.60	3.10	0.7	4	0.15	1.4
M389358		0.26	<0.01	0.50	0.11	39	30	0.15	0.01	39.7	3.54	2.94	0.7	3	0.12	0.8
M389359		0.31	<0.01	0.90	0.17	122	40	0.21	0.02	38.7	6.54	3.10	0.7	4	0.16	1.8
M389360		0.19	<0.01	0.80	0.12	81	30	0.27	0.02	38.9	12.20	3.24	0.5	3	0.14	1.1
M389361		0.17	<0.01	0.25	0.19	96	50	0.21	0.01	38.5	1.93	3.86	0.7	5	0.18	1.0
M389362		0.36	<0.01	0.17	0.22	47	60	0.18	0.02	38.0	0.58	2.97	0.7	4	0.16	1.2
M389363		0.21	<0.01	0.03	0.12	45	60	0.10	0.02	37.4	0.47	2.00	0.4	4	0.17	0.9
M389364		0.28	0.04	0.85	0.20	120	90	0.18	0.02	35.5	1.38	4.52	1.4	5	0.22	1.8
M389365		0.67	0.04	0.56	0.24	108	100	0.20	0.02	37.9	1.13	4.94	1.2	5	0.25	1.9
M389366		0.41	0.03	0.43	0.34	214	90	0.28	0.02	36.9	1.28	5.52	2.7	10	0.37	4.1
M389367		0.30	0.03	0.83	0.21	146	90	0.20	0.02	37.2	1.01	4.51	1.4	5	0.21	1.9
L862677		0.62	<0.01	0.35	0.62	436	90	0.23	0.03	35.2	1.81	7.18	1.5	8	0.59	2.4
L862678		0.42	<0.01	0.18	1.16	557	160	0.41	0.07	33.6	0.99	12.00	2.5	15	1.01	5.1
L862679		0.24	<0.01	0.18	0.58	1260	110	0.27	0.03	36.6	1.22	6.72	1.7	8	0.58	2.6
L862680		0.72	<0.01	0.04	0.28	874	140	0.11	0.02	38.1	0.30	3.54	0.7	5	0.24	1.3
L862681		0.79	<0.01	0.02	0.96	57	170	0.63	0.04	35.2	0.09	16.35	2.2	10	0.66	3.3
L862682		0.50	<0.01	0.04	0.51	47	50	0.36	0.03	35.4	0.32	6.26	2.4	6	0.28	2.6

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Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13111762

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M389337		0.28	1.17	0.08	0.2	>100	0.015	0.17	6.4	1.7	0.08	467	32.0	0.01	1.0	12.7
M389338		0.14	0.64	0.07	0.1	10.0	0.006	0.09	2.6	0.7	0.07	419	11.45	<0.01	0.5	5.8
M389339		0.17	0.72	0.07	0.1	>100	0.007	0.10	4.9	1.0	0.08	491	15.30	<0.01	0.6	5.5
M389340		0.29	1.21	0.08	0.2	>100	0.010	0.18	6.0	1.6	0.07	466	23.6	<0.01	1.1	14.1
M389341		0.17	0.70	0.07	0.1	>100	0.005	0.09	2.8	0.8	0.07	967	6.46	0.01	0.5	5.2
M389342		0.06	0.25	0.06	<0.1	1.92	0.005	0.02	0.8	0.4	0.06	424	1.26	<0.01	0.1	2.2
M389343		0.16	0.39	0.07	0.1	18.6	0.007	0.04	1.5	0.5	0.07	477	5.82	0.01	0.2	3.5
M389344		0.19	0.84	0.07	0.1	>100	0.005	0.11	3.9	1.0	0.07	941	16.20	0.01	0.6	4.8
M389345		0.22	0.96	0.08	0.1	>100	0.013	0.13	5.8	1.1	0.10	491	14.55	0.01	0.7	7.3
M389346		0.55	1.05	0.07	0.2	17.9	0.006	0.17	4.1	1.2	0.10	186	10.20	0.01	0.7	18.0
M389347		0.33	0.73	0.08	0.1	16.3	0.005	0.08	2.1	1.1	0.13	405	1.10	0.02	0.4	1.7
M389348		0.05	0.18	0.08	<0.1	1.1	<0.005	0.02	1.2	0.6	10.25	49	0.34	0.02	0.1	2.1
M389349		0.25	0.47	0.07	0.1	12.3	0.005	0.06	1.6	3.3	0.06	441	2.41	0.01	0.2	2.4
M389350		0.75	2.02	0.10	0.3	88.6	0.009	0.28	6.1	3.1	0.11	489	13.60	0.03	1.2	5.3
M389351		0.84	2.30	0.10	0.3	>100	0.011	0.30	6.1	3.7	0.11	444	19.80	0.01	1.3	7.6
M389352		0.20	0.31	0.08	<0.1	42.3	<0.005	0.02	1.1	0.7	0.11	543	2.27	<0.01	0.1	1.7
M389353		0.45	0.20	0.08	<0.1	3.9	<0.005	0.01	0.9	0.8	0.12	750	0.35	<0.01	<0.1	3.9
M389354		0.23	0.41	0.07	<0.1	56.2	<0.005	0.01	1.2	0.9	0.13	779	1.56	0.01	0.1	1.8
M389355		0.41	0.19	0.07	<0.1	11.7	<0.005	<0.01	0.7	1.0	0.12	737	0.54	<0.01	<0.1	7.2
M389356		0.22	0.95	0.07	0.1	29.8	0.006	0.12	3.3	1.0	0.10	637	6.52	0.01	0.6	2.3
M389357		0.17	0.42	0.08	0.1	11.2	<0.005	0.05	2.1	0.5	0.06	258	4.94	<0.01	0.3	1.4
M389358		0.12	0.32	0.07	<0.1	0.86	<0.005	0.04	2.0	0.4	0.06	322	1.99	<0.01	0.2	1.2
M389359		0.17	0.44	0.08	0.1	8.4	<0.005	0.06	2.0	0.5	0.07	290	3.95	0.01	0.3	2.2
M389360		0.12	0.41	0.08	<0.1	10.9	0.007	0.05	2.1	0.5	0.07	456	1.44	<0.01	0.2	2.7
M389361		0.17	0.52	0.08	0.1	7.8	<0.005	0.07	2.5	0.6	0.08	293	4.60	0.01	0.3	3.8
M389362		0.15	0.54	0.09	0.1	0.87	<0.005	0.10	1.7	0.7	0.16	180	6.99	0.01	0.4	3.2
M389363		0.11	0.37	0.07	<0.1	0.95	0.006	0.06	1.5	0.4	0.11	168	1.64	<0.01	0.2	2.2
M389364		0.41	0.56	0.07	0.1	18.6	<0.005	0.07	3.4	0.7	0.07	362	8.45	0.01	0.3	9.1
M389365		0.25	0.67	0.08	0.1	7.0	0.005	0.09	3.5	0.7	0.08	404	7.62	<0.01	0.4	7.9
M389366		0.65	0.94	0.08	0.1	11.1	0.006	0.13	3.9	0.9	0.08	377	11.15	0.01	0.6	18.5
M389367		0.37	0.59	0.07	0.1	11.6	<0.005	0.08	3.3	0.6	0.07	397	7.76	0.01	0.4	8.4
L862677		0.58	1.61	0.08	0.2	9.6	0.009	0.27	3.9	2.0	0.11	174	1.98	0.01	1.1	5.0
L862678		0.98	3.11	0.09	0.5	6.5	0.009	0.51	6.3	4.2	0.15	268	1.89	0.01	1.9	8.7
L862679		1.24	1.45	0.08	0.2	15.7	0.008	0.23	3.7	1.9	0.09	169	3.54	0.01	1.0	8.8
L862680		0.16	0.73	0.08	0.1	1.6	0.007	0.10	2.0	1.4	0.10	264	1.94	0.01	0.5	3.1
L862681		0.41	2.90	0.09	0.5	0.42	0.010	0.46	6.7	3.5	0.37	205	1.28	0.01	1.7	7.1
L862682		0.21	1.21	0.05	0.2	0.61	0.008	0.22	3.2	1.1	0.15	211	0.84	0.01	1.3	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 28-JUN-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13111762

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M389337		2050	1405	6.3	0.003	0.07	17.05	1.3	1	0.2	97.0	0.06	<0.05	0.8	0.024	1.60
M389338		890	304	3.1	0.004	0.03	8.37	2.1	1	<0.2	41.8	<0.05	<0.05	0.3	0.012	0.84
M389339		1040	272	3.7	0.002	0.02	5.89	1.0	1	<0.2	87.2	<0.05	<0.05	0.4	0.014	0.67
M389340		2070	865	6.6	0.004	0.05	12.30	1.6	1	0.2	88.2	0.06	<0.05	0.8	0.025	1.61
M389341		990	105.5	3.5	0.002	0.02	2.36	1.9	1	<0.2	51.9	<0.05	<0.05	0.4	0.013	1.03
M389342		270	22.0	0.8	0.004	0.02	1.45	1.3	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.99
M389343		680	131.0	1.4	0.002	0.03	3.39	1.5	1	<0.2	51.2	<0.05	<0.05	0.2	0.006	0.52
M389344		1220	491	4.0	0.003	0.05	9.11	1.4	<1	<0.2	66.3	<0.05	<0.05	0.5	0.017	0.82
M389345		1290	166.5	4.6	0.003	0.10	3.22	1.0	<1	0.2	88.8	<0.05	<0.05	0.5	0.018	1.05
M389346		2530	15.2	6.2	0.004	0.01	1.59	2.5	1	0.2	67.5	<0.05	<0.05	0.6	0.021	1.35
M389347		210	495	3.2	<0.002	0.08	3.77	1.4	<1	<0.2	30.2	<0.05	<0.05	0.4	0.014	0.78
M389348		90	9.2	0.8	<0.002	<0.01	0.19	0.2	<1	<0.2	122.5	<0.05	<0.05	<0.2	<0.005	0.03
M389349		380	178.0	2.0	<0.002	0.03	1.69	1.6	1	<0.2	23.6	<0.05	<0.05	0.2	0.008	0.53
M389350		2330	1225	9.7	0.002	0.10	9.63	2.1	2	0.3	82.2	0.08	<0.05	1.1	0.038	1.03
M389351		2120	1430	10.6	0.003	0.15	9.81	2.0	3	0.4	76.9	0.09	<0.05	1.1	0.042	1.08
M389352		110	417	0.8	0.004	0.35	1.13	0.3	1	<0.2	149.0	<0.05	<0.05	<0.2	<0.005	1.42
M389353		70	125.0	0.3	<0.002	0.01	0.44	0.2	1	<0.2	154.5	<0.05	<0.05	<0.2	<0.005	2.12
M389354		60	92.6	0.6	<0.002	0.45	0.66	0.3	1	<0.2	201	<0.05	<0.05	<0.2	<0.005	2.12
M389355		50	696	0.1	<0.002	0.05	1.46	0.2	1	<0.2	185.5	<0.05	<0.05	<0.2	<0.005	2.53
M389356		1020	411	4.3	0.003	0.13	6.03	2.2	1	0.2	58.0	<0.05	<0.05	0.5	0.017	1.05
M389357		870	555	1.9	<0.002	0.03	9.62	2.0	2	<0.2	43.8	<0.05	<0.05	0.3	0.007	0.72
M389358		710	148.5	1.6	0.002	0.01	3.65	1.2	1	<0.2	36.3	<0.05	<0.05	0.2	0.006	0.40
M389359		860	283	2.2	0.002	0.02	7.43	1.5	1	<0.2	41.4	<0.05	<0.05	0.2	0.009	0.64
M389360		540	153.0	1.8	0.003	0.04	4.50	1.7	2	<0.2	40.9	<0.05	<0.05	0.2	0.006	0.87
M389361		970	53.3	2.7	0.002	0.02	2.18	2.1	<1	<0.2	56.7	<0.05	<0.05	0.3	0.010	1.22
M389362		670	25.3	3.6	0.007	0.01	0.54	0.8	1	<0.2	128.0	<0.05	<0.05	0.3	0.011	0.46
M389363		230	8.3	2.3	0.002	0.01	1.11	1.9	1	<0.2	194.5	<0.05	<0.05	<0.2	<0.005	0.39
M389364		1340	343	2.8	0.004	0.02	3.09	1.3	1	<0.2	78.3	<0.05	<0.05	0.3	0.009	1.23
M389365		1420	208	3.4	0.004	0.02	3.05	1.5	1	<0.2	69.5	<0.05	<0.05	0.3	0.012	1.39
M389366		2000	134.5	4.8	0.003	0.01	4.72	1.6	1	0.2	58.1	<0.05	<0.05	0.5	0.017	1.42
M389367		1220	459	2.8	0.003	0.01	2.97	2.2	1	<0.2	60.9	<0.05	<0.05	0.3	0.010	1.28
L862677		640	117.5	10.2	0.002	0.04	8.53	2.7	1	0.2	45.2	0.08	<0.05	1.0	0.033	1.93
L862678		380	32.3	18.5	<0.002	0.04	3.69	3.4	1	0.4	42.0	0.13	<0.05	1.7	0.062	2.36
L862679		770	40.6	8.8	<0.002	0.02	4.45	2.6	1	0.2	40.4	0.06	<0.05	1.0	0.031	1.30
L862680		220	6.5	4.1	0.008	0.06	0.56	1.8	<1	<0.2	77.3	<0.05	<0.05	0.5	0.016	0.28
L862681		160	3.1	17.1	0.002	0.01	0.67	3.1	1	0.4	137.0	0.11	<0.05	1.8	0.056	0.70
L862682		250	27.5	10.0	0.008	0.02	1.31	3.6	1	0.2	51.3	0.06	<0.05	0.9	0.025	0.34

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13111762

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Zn- OG62 Zn % 0.001	Hg- CV42 Hg ppm 0.1
M389337		26.6	19	1.3	7.5	990	6.8		2430
M389338		17.1	16	0.5	7.4	484	3.5		
M389339		19.2	17	1.0	7.9	274	4.4		1310
M389340		28.0	20	1.0	8.1	772	6.8		691
M389341		16.8	13	0.6	6.4	205	3.7		142.5
M389342		6.2	8	0.2	3.8	133	1.2		
M389343		9.4	7	0.3	3.3	555	1.9		
M389344		19.4	17	1.0	7.1	822	4.6		788
M389345		20.7	23	0.9	10.3	592	5.5		13350
M389346		30.6	21	0.4	8.9	137	5.3		
M389347		5.9	11	0.4	4.2	546	3.8		
M389348		1.4	8	0.1	2.4	20	0.9		
M389349		6.9	14	0.5	5.0	649	2.3		
M389350		26.8	25	1.8	7.7	2510	10.2		
M389351		23.4	25	2.2	6.3	5750	10.5		140.5
M389352		3.6	6	0.6	2.6	7260	1.4		
M389353		1.6	5	0.3	2.0	870	0.6		
M389354		1.9	7	1.4	2.7	>10000	1.2	1.105	
M389355		1.8	4	0.4	1.9	2570	0.8		
M389356		17.6	18	0.7	7.1	2600	4.4		
M389357		17.1	15	0.2	6.8	445	2.4		
M389358		15.6	13	0.2	8.0	200	1.8		
M389359		15.6	16	0.3	7.4	496	2.5		
M389360		12.8	15	0.2	9.3	1110	2.0		
M389361		17.5	16	0.3	7.1	251	2.5		
M389362		10.9	14	0.3	4.5	75	3.8		
M389363		6.6	18	0.2	5.0	30	1.6		
M389364		20.7	17	0.5	8.4	228	3.0		
M389365		21.7	19	0.6	8.8	154	3.7		
M389366		26.8	31	0.8	10.6	224	4.9		
M389367		20.3	21	0.5	10.1	143	3.4		
L862677		9.1	18	0.4	5.9	229	8.3		
L862678		7.0	32	0.6	9.7	132	15.5		
L862679		8.0	16	0.4	5.7	138	7.9		
L862680		6.9	13	0.2	5.1	34	3.6		
L862681		3.1	17	0.6	7.7	14	16.2		
L862682		3.9	13	0.5	7.1	29	7.1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13111762

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.

Applies to Method: Hg-CV41 Hg-CV42

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au-AA26	Hg-CV41	Hg-CV42	ME-MS61
ME-OG62	Zn-OG62		

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

CERTIFICATE WH13113608

Project: Nadaleen

P.O. No.: R13-07

This report is for 80 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
EXTRA-01	Extra Sample received in Shipment
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85%<75 um
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113608

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M389368		0.14	<0.01	0.45	0.25	79	70	0.40	0.02	39.3	1.01	3.61	0.5	4	0.28	4.6
M389369		0.17	<0.01	56.9	0.08	1470	30	0.09	0.03	33.3	433	1.68	0.9	<1	0.06	68.6
M389370		0.28	<0.01	0.12	0.04	17	40	0.21	0.01	34.3	0.72	0.92	0.3	1	0.05	1.2
M389371		0.21	<0.01	0.04	0.23	132	40	0.13	0.02	39.4	0.48	4.14	1.1	4	0.27	2.2
M389372		0.70	<0.01	0.49	1.05	292	140	0.33	0.06	36.2	2.14	11.35	2.8	13	0.88	5.4
M389373		0.21	<0.01	0.14	0.10	26	20	0.08	0.02	39.0	1.06	3.00	0.5	3	0.11	1.4
M389374		0.29	<0.01	0.02	0.26	38	20	0.30	0.03	38.8	0.08	4.67	0.9	3	0.19	1.9
M389375		0.44	<0.01	6.17	0.12	372	90	0.43	0.02	34.7	38.5	3.69	1.0	<1	0.09	5.4
M389376		0.26	<0.01	0.04	0.33	389	60	0.37	0.03	39.1	0.48	6.58	1.1	7	0.39	2.9
M389377		0.47	0.03	0.84	0.40	262	400	0.32	0.03	37.9	4.04	8.32	2.5	9	0.40	5.0
M389378		0.14	<0.01	0.02	3.35	6.4	370	0.91	0.08	0.52	0.12	56.9	6.5	24	1.74	12.6
M389379		0.27	<0.01	0.04	4.09	5.2	160	1.00	0.08	0.17	0.13	40.5	7.7	29	1.94	4.2
M389380		0.10	0.03	0.02	0.47	169.5	100	0.40	0.06	0.10	0.26	21.7	4.8	10	0.59	8.3
M389381		0.42	0.01	0.02	7.26	615	530	2.42	0.34	0.44	0.08	84.5	13.4	56	41.3	14.5
M389382		0.46	<0.01	0.01	0.27	13.7	590	0.14	0.05	5.11	<0.02	12.45	4.8	5	0.29	5.0
M389383		0.15	<0.01	0.05	1.84	14	110	0.65	0.09	26.1	0.03	29.6	5.7	18	4.61	11.3
M389384		0.15	0.55	0.06	0.63	>10000	110	0.16	0.04	0.86	3.61	4.56	26.6	6	0.61	34.9
M389385		0.70	0.55	1.51	0.06	4890	20	0.09	0.01	15.80	486	2.66	1.1	<1	0.14	9.4
M389386		0.47	<0.01	0.05	3.36	32	1340	0.91	0.14	12.45	1.86	74.2	7.1	33	5.53	13.0
M389387		0.19	0.04	0.03	0.04	203	30	0.08	0.02	21.0	1.80	1.84	0.3	<1	<0.05	1.6
M389388		0.20	0.49	0.14	1.84	>10000	490	0.31	0.15	1.33	3.93	26.1	17.3	14	3.37	26.2
M389389		0.35	0.02	0.01	0.09	172	20	0.08	0.01	13.45	0.30	1.11	0.3	5	0.22	1.3
M389390		0.18	0.23	0.33	0.57	1785	50	0.16	0.03	0.30	2.96	6.32	6.6	6	0.94	46.7
M389391		0.21	0.06	0.01	0.39	611	30	0.13	0.02	13.05	0.17	6.84	0.3	4	0.44	1.4
M389392		0.24	0.51	0.07	0.25	>10000	40	0.08	0.04	0.35	0.55	9.12	0.6	4	0.65	25.4
M389393		0.21	0.02	0.01	0.18	520	<10	0.09	0.02	15.00	0.06	4.07	0.2	<1	0.12	2.8
M389394		0.14	<0.01	0.07	0.76	85	40	0.16	0.08	19.00	0.09	16.80	3.7	11	0.59	9.4
L862683		0.60	<0.01	0.29	0.36	155	60	0.48	0.03	31.4	1.31	4.41	1.3	2	0.50	5.0
L862684		0.55	<0.01	0.31	0.60	195	120	0.56	0.03	28.2	1.54	8.01	1.7	3	0.56	4.5
L862685		0.65	<0.01	0.54	0.23	980	40	0.59	0.02	37.9	3.38	4.37	3.4	<1	0.22	1.8
L862686		0.38	0.02	0.21	0.35	222	170	0.59	0.02	39.0	1.08	4.98	0.9	<1	0.24	2.0
L862687		0.40	<0.01	0.06	0.10	99	10	0.34	0.02	39.0	0.41	2.75	0.7	<1	0.09	1.7
L862688		0.65	<0.01	0.51	0.60	221	80	0.64	0.03	28.5	1.47	7.40	1.4	3	0.57	3.5
L862689		0.93	<0.01	0.58	0.56	131	60	0.66	0.03	27.5	1.14	7.16	1.4	2	0.55	2.4
L862690		0.43	<0.01	0.52	0.28	305	40	0.45	0.01	36.0	1.27	4.48	1.8	<1	0.23	2.3
L862691		0.63	<0.01	0.46	0.41	852	50	0.61	0.03	36.8	1.07	5.79	1.6	<1	0.39	2.7
L862692		0.61	<0.01	1.37	0.56	886	130	0.65	0.05	38.2	4.66	8.74	2.8	1	0.43	4.1
L862693		0.32	<0.01	0.46	0.45	909	70	0.48	0.03	38.0	1.42	7.22	1.4	<1	0.41	2.0
L862694		0.29	<0.01	1.91	0.68	792	150	0.71	0.05	37.3	4.41	10.70	2.9	2	0.50	5.1
L862695		0.45	<0.01	0.30	0.28	660	40	0.39	0.02	37.8	1.20	4.33	2.9	<1	0.24	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113608

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M389368		0.17	0.62	0.10	0.1	1.73	<0.005	0.08	2.3	0.8	0.10	534	1.25	0.01	0.5	3.5
M389369		0.24	0.73	<0.05	<0.1	>100	0.005	0.03	1.6	0.6	0.16	354	3.75	0.01	0.1	8.1
M389370		0.04	0.13	0.07	<0.1	0.66	<0.005	0.02	0.5	0.3	0.11	147	1.60	<0.01	0.1	1.4
M389371		0.22	0.64	0.11	0.1	7.55	<0.005	0.10	2.5	0.7	0.07	145	4.54	<0.01	0.4	8.4
M389372		0.56	2.82	0.06	0.4	3.56	0.009	0.46	6.6	3.0	0.13	195	5.38	0.01	1.8	10.5
M389373		0.07	0.34	0.09	<0.1	2.00	<0.005	0.04	3.3	0.4	0.07	163	0.39	<0.01	0.2	1.1
M389374		0.13	0.71	0.09	0.2	0.62	<0.005	0.11	2.7	0.5	0.12	305	0.67	<0.01	1.1	2.3
M389375		0.24	0.45	0.08	0.1	2.60	0.005	0.03	2.8	0.7	0.13	606	1.07	<0.01	0.3	2.4
M389376		0.41	0.83	0.08	0.1	6.00	<0.005	0.14	4.7	1.0	0.11	332	5.21	<0.01	0.5	7.3
M389377		0.42	0.97	0.08	0.2	7.12	0.006	0.14	6.6	1.1	0.11	318	10.80	<0.01	0.6	13.4
M389378		2.52	7.74	0.11	2.9	0.25	0.034	0.87	20.4	49.3	0.18	3200	0.52	0.45	4.4	9.2
M389379		3.24	9.44	0.07	2.1	0.17	0.033	0.83	18.9	114.0	0.44	248	0.32	0.68	5.2	15.2
M389380		1.58	1.33	0.07	0.5	0.46	0.015	0.18	7.5	7.6	0.04	1480	0.32	0.01	0.9	5.9
M389381		4.27	19.40	0.12	3.1	0.30	0.062	4.05	44.1	32.5	0.92	389	0.50	0.05	11.4	18.4
M389382		0.85	0.74	0.05	0.1	0.04	0.010	0.10	4.5	5.3	2.78	902	0.14	0.01	0.4	4.8
M389383		2.31	4.64	0.07	0.7	0.07	0.019	0.80	14.4	17.0	0.74	573	0.37	0.03	2.4	12.1
M389384		45.8	2.26	0.27	0.2	9.66	0.045	0.17	2.7	4.7	0.29	571	3.75	0.02	0.6	37.9
M389385		2.19	15.95	0.07	<0.1	>100	0.150	0.02	1.5	1.2	9.52	1200	0.51	0.01	0.1	1.6
M389386		3.44	8.91	0.10	2.2	0.95	0.048	1.46	34.4	33.0	0.94	702	0.20	0.03	6.1	14.3
M389387		0.60	0.23	<0.05	<0.1	2.81	0.005	0.01	0.9	0.6	12.85	1000	0.12	0.01	<0.1	0.3
M389388		40.9	5.35	0.51	1.0	6.73	0.037	0.73	15.5	7.3	0.35	743	177.5	0.01	2.6	29.1
M389389		0.31	0.23	<0.05	<0.1	0.40	<0.005	0.02	0.6	3.0	8.21	720	0.59	0.01	0.1	0.9
M389390		41.3	1.72	0.24	0.3	7.10	0.015	0.25	3.4	2.1	0.29	432	69.2	<0.01	0.9	11.9
M389391		0.57	0.96	0.08	0.2	1.25	0.005	0.17	4.1	2.6	7.76	651	0.28	0.01	0.6	0.8
M389392		40.5	0.99	0.09	0.2	5.91	0.022	0.10	4.6	2.0	0.19	230	12.85	<0.01	0.4	2.7
M389393		0.44	0.36	0.09	0.1	0.70	0.007	0.06	2.5	1.0	9.10	412	0.16	0.01	0.3	0.7
M389394		1.98	1.53	0.08	0.4	0.82	0.023	0.25	7.2	2.6	0.21	1090	0.32	0.01	0.8	7.7
L862683		0.36	0.93	0.09	0.1	2.58	0.006	0.11	2.3	1.4	3.24	484	0.43	0.02	0.5	8.1
L862684		0.56	1.54	0.12	0.2	3.16	0.008	0.17	4.1	2.5	4.57	636	0.56	0.06	0.9	9.9
L862685		1.05	0.63	0.09	0.1	17.1	<0.005	0.07	2.6	0.9	0.10	572	1.70	<0.01	0.3	21.3
L862686		0.28	0.99	0.08	0.2	3.12	<0.005	0.13	2.9	1.2	0.37	812	0.43	<0.01	0.5	1.8
L862687		0.15	0.27	0.13	0.1	1.12	<0.005	0.03	1.4	0.5	1.22	507	0.27	<0.01	0.2	2.1
L862688		0.51	1.41	0.13	0.2	4.31	0.005	0.19	3.7	2.4	4.92	413	0.74	0.03	0.9	7.6
L862689		0.38	1.42	0.16	0.2	2.30	<0.005	0.21	3.5	2.6	7.82	279	0.74	0.02	0.8	6.0
L862690		0.42	0.70	0.12	0.1	7.22	<0.005	0.10	2.6	1.1	0.15	485	0.67	<0.01	0.4	8.3
L862691		0.81	1.03	0.11	0.2	16.0	<0.005	0.15	3.3	1.5	0.26	507	1.30	<0.01	0.6	11.2
L862692		1.00	1.36	0.09	0.3	19.5	0.007	0.19	5.3	1.9	0.16	674	1.75	<0.01	1.0	9.0
L862693		0.91	1.16	0.09	0.2	19.3	<0.005	0.14	4.3	1.6	0.27	568	1.18	<0.01	0.7	6.2
L862694		1.34	1.74	0.07	0.3	3.72	0.007	0.22	6.8	2.2	0.16	637	1.83	<0.01	1.2	10.2
L862695		0.74	0.72	0.09	0.1	12.5	<0.005	0.10	2.5	1.0	0.13	548	0.81	<0.01	0.5	11.6

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Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113608

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M389368		120	57.2	3.2	<0.002	<0.01	1.75	2.4	2	<0.2	23.9	<0.05	0.12	0.4	0.013	0.18
M389369		80	>10000	1.3	0.002	1.40	699	0.2	2	0.2	186.0	<0.05	<0.05	<0.2	0.005	0.93
M389370		90	25.5	0.8	0.005	<0.01	1.31	1.7	1	<0.2	106.0	<0.05	<0.05	<0.2	<0.005	0.06
M389371		1010	9.9	4.0	0.004	0.01	1.36	2.4	1	<0.2	45.8	<0.05	0.06	0.5	0.013	0.59
M389372		1120	148.0	17.9	0.003	0.03	12.95	3.4	2	0.4	65.1	0.12	0.09	1.9	0.057	1.34
M389373		600	64.5	1.7	<0.002	<0.01	1.38	1.7	3	<0.2	40.1	<0.05	0.20	0.3	0.006	0.12
M389374		50	1.9	4.1	0.009	<0.01	0.19	2.7	1	<0.2	33.6	0.06	0.10	0.6	0.015	0.34
M389375		110	3000	1.3	<0.002	0.14	77.8	2.7	2	<0.2	34.1	<0.05	<0.05	0.4	0.006	1.21
M389376		2390	10.8	5.2	0.002	0.01	1.32	2.2	1	<0.2	49.8	<0.05	0.26	0.6	0.018	0.77
M389377		2460	100.0	5.6	0.004	0.02	4.36	1.6	1	0.2	118.0	<0.05	0.08	0.7	0.020	1.84
M389378		640	33.3	47.9	<0.002	0.01	0.36	6.7	<1	0.8	30.6	0.38	0.11	10.7	0.144	0.24
M389379		250	36.2	36.0	<0.002	0.01	0.42	4.7	<1	1.0	27.6	0.43	<0.05	9.8	0.156	0.23
M389380		360	3.5	6.2	<0.002	0.01	0.29	1.4	<1	0.3	18.4	0.07	<0.05	1.6	0.033	0.19
M389381		410	22.0	156.0	<0.002	0.16	0.78	13.1	1	2.4	70.5	0.85	0.19	14.6	0.366	2.19
M389382		520	2.0	2.9	<0.002	0.02	0.12	1.4	<1	<0.2	83.5	<0.05	<0.05	1.1	0.016	0.08
M389383		440	11.9	31.7	0.003	0.36	0.36	3.4	2	0.5	818	0.18	0.20	3.6	0.093	0.29
M389384		570	37.0	6.4	<0.002	0.08	6.60	1.2	1	0.2	43.5	<0.05	0.06	1.1	0.020	16.75
M389385		90	59.7	0.9	<0.002	1.12	0.74	0.3	1	2.5	46.2	<0.05	<0.05	<0.2	<0.005	9.08
M389386		160	9.5	67.6	<0.002	0.18	0.51	6.0	2	1.2	422	0.50	0.20	9.2	0.250	0.42
M389387		220	5.6	0.5	<0.002	0.01	0.52	0.1	<1	<0.2	94.1	<0.05	0.07	<0.2	<0.005	4.82
M389388		1160	746	25.0	<0.002	0.04	31.3	1.4	<1	0.8	339	0.21	0.12	3.8	0.090	38.1
M389389		50	4.3	1.1	<0.002	<0.01	0.24	0.3	<1	<0.2	55.8	<0.05	<0.05	<0.2	<0.005	1.20
M389390		820	190.5	8.2	0.004	1.17	1.53	0.8	1	0.2	32.3	0.07	<0.05	1.0	0.024	20.5
M389391		240	3.2	5.8	<0.002	0.01	0.93	0.6	2	0.2	66.3	<0.05	<0.05	0.7	0.018	2.98
M389392		2050	90.9	3.3	0.005	0.07	19.15	0.6	<1	0.3	50.4	<0.05	0.06	1.2	0.013	16.10
M389393		130	2.6	2.0	<0.002	<0.01	1.27	0.2	1	0.2	40.3	<0.05	<0.05	0.3	0.010	3.98
M389394		500	10.1	8.5	<0.002	0.03	0.70	3.9	3	0.3	48.9	0.05	0.07	1.7	0.040	1.65
L862683		160	17.6	5.1	<0.002	<0.01	0.53	1.6	4	<0.2	53.1	<0.05	<0.05	0.6	0.018	0.80
L862684		220	14.0	7.4	<0.002	0.01	0.78	3.0	3	0.2	80.7	0.06	<0.05	1.0	0.032	1.06
L862685		80	30.8	2.4	<0.002	0.01	1.72	3.5	4	<0.2	24.2	<0.05	0.27	0.5	0.012	1.48
L862686		190	11.3	4.3	0.002	0.02	0.45	1.7	3	<0.2	53.2	<0.05	<0.05	0.6	0.020	0.65
L862687		40	4.0	1.2	0.004	<0.01	0.39	1.8	3	<0.2	14.4	<0.05	0.10	0.2	0.006	0.27
L862688		220	52.4	7.8	0.002	0.01	1.69	1.8	4	0.2	72.0	0.05	0.10	0.9	0.033	1.02
L862689		180	54.9	8.1	0.002	0.01	1.39	1.3	<1	0.2	99.3	0.05	0.10	0.9	0.030	0.82
L862690		90	62.2	3.4	0.002	0.02	1.68	1.8	3	<0.2	31.4	<0.05	0.06	0.6	0.015	1.54
L862691		130	49.3	5.2	0.002	0.02	2.39	2.3	5	<0.2	32.2	<0.05	<0.05	0.8	0.022	1.11
L862692		190	173.5	6.4	0.002	0.03	8.54	3.1	1	0.2	62.5	0.06	<0.05	1.2	0.033	2.85
L862693		150	26.1	5.3	<0.002	0.02	2.55	3.3	3	<0.2	43.9	<0.05	<0.05	1.1	0.023	1.47
L862694		220	231	7.8	0.002	0.02	10.75	3.1	3	0.3	72.9	0.07	0.11	1.4	0.038	1.18
L862695		110	26.9	3.4	<0.002	0.02	2.03	3.2	3	<0.2	26.9	<0.05	<0.05	0.6	0.015	2.65

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Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113608

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	As	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.001	0.1
M389368		6.0	15	0.5	7.4	110	4.4				
M389369		4.0	7	0.4	2.6	>10000	1.4	1.385	4.22		210
M389370		4.3	8	0.1	2.9	78	0.9				
M389371		15.7	16	0.3	7.4	52	2.5				
M389372		12.4	32	0.8	10.3	194	14.2				
M389373		7.5	11	0.2	8.4	78	1.4				
M389374		5.6	22	0.2	8.6	9	5.6				
M389375		6.8	18	0.4	11.8	4140	2.7				
M389376		31.5	26	0.2	11.3	42	3.6				
M389377		31.0	29	0.8	11.3	374	5.3				
M389378		3.5	22	0.9	21.1	51	94.3				
M389379		1.7	32	0.8	14.2	100	65.6				
M389380		0.5	7	1.4	8.4	35	14.5				
M389381		2.3	75	1.9	17.8	66	106.0				
M389382		0.9	7	0.3	6.3	8	4.6				
M389383		1.9	24	0.5	8.4	18	25.9				
M389384		2.6	19	0.9	2.2	3190	7.8			2.29	
M389385		0.6	1	1.2	1.8	>10000	1.5		8.83		239
M389386		1.6	42	0.8	18.7	421	73.9				
M389387		0.4	1	0.1	1.2	209	0.8				
M389388		6.8	20	3.5	3.9	2980	34.7			3.69	
M389389		0.2	2	0.2	0.7	59	1.4				
M389390		2.2	9	0.7	3.7	1790	9.7				
M389391		1.0	3	0.7	2.7	90	7.4				
M389392		5.1	7	0.8	5.5	3710	6.3			1.195	
M389393		0.5	2	0.5	1.4	35	4.2				
M389394		2.3	18	13.3	31.6	20	29.5				
L862683		3.7	16	0.3	5.4	116	4.6				
L862684		3.5	23	0.5	7.6	138	7.1				
L862685		4.0	30	0.5	11.3	287	4.8				
L862686		4.8	16	0.8	5.3	106	6.0				
L862687		6.5	20	0.2	8.1	45	3.0				
L862688		3.3	16	0.6	5.1	186	7.7				
L862689		3.2	12	0.6	3.6	150	7.4				
L862690		4.6	17	0.5	7.5	161	4.8				
L862691		5.7	20	0.7	8.5	197	6.4				
L862692		5.9	25	1.5	10.5	479	10.1				
L862693		8.3	26	0.8	9.9	230	7.2				
L862694		6.0	25	1.6	8.7	420	11.3				
L862695		4.3	23	0.5	8.5	141	5.1				

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CERTIFICATE OF ANALYSIS WH13113608

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
L862696		0.36	<0.01	0.07	3.16	428	180	0.95	0.14	22.3	0.07	33.7	5.2	20	7.55	7.0
L862697		0.44	<0.01	<0.01	0.05	235	1160	0.05	0.02	21.8	0.02	10.75	10.1	<1	0.08	0.8
L862698		0.42	0.30	0.06	7.58	2270	320	2.55	0.42	3.46	0.06	88.3	12.4	63	31.1	39.1
L862699		0.42	0.28	0.14	9.06	4060	420	2.80	0.37	1.85	0.11	96.8	20.0	73	38.4	45.1
L862751		0.43	0.25	0.04	0.63	3830	90	0.22	0.04	20.3	0.09	11.40	2.1	1	2.36	7.1
L862752		0.26	0.03	0.05	0.67	316	70	0.27	0.05	20.4	0.02	38.0	4.1	8	1.30	9.2
L862753		0.25	0.03	0.04	3.08	250	220	0.88	0.15	22.2	0.02	57.3	5.3	20	6.34	17.0
L862754		0.24	0.49	0.13	5.60	3590	280	1.59	0.21	11.95	0.34	48.0	5.7	53	20.3	18.4
L862755		0.65	0.05	0.08	0.61	334	50	0.20	0.03	19.95	0.09	7.42	1.4	1	0.82	5.4
L862756		0.61	0.13	0.05	1.50	809	100	0.43	0.02	6.95	0.46	12.55	1.7	14	2.75	5.6
L862757		0.13	2.57	0.09	2.04	5240	280	0.68	0.09	11.45	0.58	21.1	3.6	20	2.14	14.5
M389101		0.70	<0.01	0.19	0.67	177.0	70	0.28	0.02	0.18	0.80	11.35	7.4	21	0.43	38.7
M389102		0.93	0.01	1.52	2.51	104.0	850	0.86	0.10	0.05	0.17	25.7	1.9	88	8.10	24.1
M389103		0.90	0.01	1.53	4.55	106.5	880	1.44	0.18	0.13	0.29	51.3	2.2	102	20.6	58.5
M389104		0.92	<0.01	1.78	1.86	50.4	130	0.68	0.08	0.44	0.53	15.85	1.9	62	8.26	20.4
M389105		0.72	0.02	5.26	5.26	1675	1450	5.10	0.16	0.04	2.38	63.5	8.3	162	19.85	154.0
M389106		0.53	0.07	0.98	2.69	87.5	3290	0.88	0.13	1.38	7.60	25.8	4.2	107	7.27	32.6
M389107		0.59	<0.01	1.20	4.32	13.6	3630	0.93	0.21	0.10	0.11	47.6	0.8	79	12.65	10.6
M389108		1.23	<0.01	0.05	0.12	3.7	2870	0.07	0.01	0.03	0.08	0.62	0.1	10	0.25	4.9
M389109		0.79	0.05	0.04	0.14	48	1380	0.13	0.01	27.3	0.03	2.06	0.4	<1	0.12	3.0
L862758		0.26	<0.01	0.01	10.30	6.6	670	2.91	0.47	0.19	0.04	72.2	19.0	86	6.75	34.4
L862759		0.29	<0.01	0.02	11.20	8.3	730	2.98	0.50	0.15	0.04	97.5	18.2	88	6.94	31.5
L862760		0.32	<0.01	0.05	5.13	4.9	270	0.76	0.08	4.92	0.04	51.8	5.4	27	6.97	6.9
L862761		0.17	<0.01	0.08	6.06	10.9	340	1.01	0.10	2.89	0.03	52.6	9.6	40	10.00	12.4
L862762		0.12	0.29	0.04	0.62	1560	690	0.09	0.02	0.16	0.30	5.43	2.1	13	0.86	4.8
L862763		0.12	0.10	0.04	0.31	187.0	150	0.08	0.01	0.28	1.10	2.75	1.0	11	0.39	3.9
L862764		0.11	0.22	0.03	1.16	563	470	0.23	0.04	0.08	0.05	12.45	1.2	21	4.59	5.9
L862765		0.28	0.08	0.02	0.16	1150	50	0.13	<0.01	19.85	0.32	4.58	0.9	<1	0.17	2.7
L862766		0.30	0.41	0.07	0.32	712	80	0.24	0.01	19.80	1.58	7.32	0.5	<1	0.30	3.8
L862767		0.20	0.29	0.04	0.25	744	80	0.25	0.01	20.4	3.55	6.45	1.8	<1	0.28	2.9
L862768		0.43	0.44	0.29	0.31	1140	60	0.26	0.02	20.5	14.40	7.24	0.5	<1	0.28	4.6
L862769		0.38	7.14	1.55	0.97	>10000	460	0.48	0.05	8.79	116.5	34.2	0.9	6	4.08	23.0
L862770		0.37	0.07	0.05	0.31	236	30	0.32	0.01	20.9	0.25	6.20	1.1	<1	0.51	3.9
L862771		0.25	0.24	0.07	0.27	571	80	0.30	0.02	11.40	0.47	7.79	1.2	<1	0.33	5.6
L862772		0.29	0.01	0.01	0.11	64	20	0.27	0.01	22.0	0.05	4.28	0.4	<1	0.10	1.4
M389395		0.25	0.18	0.51	0.68	459	120	0.14	0.04	0.30	2.01	4.99	4.9	5	2.13	14.7
M389396		0.13	<0.01	0.02	0.31	878	560	0.18	0.01	31.5	0.05	16.20	2.4	<1	0.25	10.2
M389397		0.36	0.16	0.01	0.23	2210	50	0.15	0.01	22.0	0.06	4.41	1.7	<1	0.54	3.5
M389398		0.16	28.9	0.66	2.19	>10000	660	0.46	0.16	0.33	0.02	50.8	1.0	31	4.75	7.0
M389399		0.09	0.85	0.22	7.03	3710	380	1.66	0.29	9.42	0.10	86.3	15.3	69	44.9	41.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113608

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
L862696		1.93	7.93	0.15	1.6	0.17	0.024	1.66	17.4	7.0	2.92	449	0.40	0.02	4.2	13.5
L862697		6.51	0.18	0.08	<0.1	0.09	0.012	0.01	3.1	0.6	9.41	1250	<0.05	0.01	<0.1	17.4
L862698		2.54	23.0	0.21	3.4	0.51	0.058	4.02	45.8	19.0	0.82	296	0.33	0.03	11.6	32.9
L862699		4.32	22.6	0.22	3.5	1.56	0.074	4.53	51.5	22.0	1.44	321	1.05	0.05	11.2	34.9
L862751		1.21	1.67	0.11	0.4	2.54	0.005	0.31	5.9	3.0	11.95	653	0.15	0.01	0.9	4.6
L862752		3.00	1.84	0.12	0.4	0.28	0.017	0.32	15.1	2.0	1.54	603	0.29	0.01	1.2	12.4
L862753		1.80	7.61	0.14	1.5	0.26	0.022	1.56	25.2	7.2	0.70	380	0.15	0.02	4.2	13.5
L862754		2.44	13.90	0.16	4.7	4.61	0.021	2.40	27.4	21.1	6.46	391	1.04	0.02	8.9	17.7
L862755		0.82	1.62	0.12	0.3	1.54	0.007	0.30	4.2	4.0	10.45	679	0.49	0.01	0.7	5.4
L862756		0.55	3.92	0.13	0.9	2.17	0.006	0.72	7.7	14.4	3.42	529	0.21	0.01	1.7	2.5
L862757		1.07	5.03	0.15	1.4	44.4	0.024	1.02	12.8	7.1	2.11	1820	0.22	0.01	2.8	9.2
M389101		1.69	0.99	0.14	0.1	0.25	0.005	0.06	29.4	3.3	0.02	109	6.31	<0.01	0.3	203
M389102		3.19	7.66	0.13	1.3	0.65	0.013	1.09	14.5	8.5	0.19	50	8.09	0.03	7.1	30.9
M389103		3.80	12.30	0.16	2.4	0.48	0.041	2.16	29.9	13.3	0.32	56	8.81	0.04	15.7	24.2
M389104		4.74	5.62	0.12	0.9	0.78	0.014	0.83	8.0	10.6	0.14	62	9.78	0.02	4.9	30.9
M389105		9.25	16.65	0.22	1.7	1.06	0.216	1.88	30.8	20.1	0.21	77	8.62	0.03	11.1	61.3
M389106		2.32	6.94	0.10	1.2	1.49	0.022	0.97	18.1	32.6	0.54	234	3.86	0.03	4.5	72.5
M389107		1.27	12.70	0.16	2.2	0.15	0.025	1.58	28.9	17.7	0.27	15	4.88	0.05	8.2	10.2
M389108		0.24	0.27	0.08	0.1	0.01	<0.005	0.03	<0.5	16.0	0.01	10	0.42	0.01	0.2	3.1
M389109		0.10	0.37	0.17	<0.1	0.36	<0.005	0.06	1.1	0.9	9.52	365	0.12	0.02	0.2	1.8
L862758		5.24	29.1	0.21	2.7	0.08	0.069	3.29	31.4	88.1	0.83	752	0.34	0.41	15.5	42.3
L862759		5.02	29.1	0.19	3.1	0.06	0.075	3.43	50.1	88.9	0.85	845	0.52	0.44	16.3	40.3
L862760		5.81	10.20	0.12	2.6	0.06	0.044	2.16	23.8	33.1	0.29	1660	0.26	0.03	6.9	14.8
L862761		6.58	13.35	0.12	2.0	0.08	0.058	2.63	22.9	35.3	0.29	1890	0.32	0.04	8.8	24.8
L862762		1.08	1.34	0.05	0.2	2.91	<0.005	0.18	3.2	9.1	0.05	345	0.55	0.01	0.7	3.7
L862763		1.07	0.64	<0.05	0.1	6.35	<0.005	0.07	1.7	7.1	0.13	1340	0.30	0.01	0.3	4.0
L862764		0.98	2.82	0.07	0.6	1.18	<0.005	0.45	7.7	12.5	0.08	119	0.52	0.01	1.5	5.0
L862765		1.68	0.45	<0.05	0.1	4.1	<0.005	0.06	2.8	1.6	11.85	1680	0.60	0.01	0.2	3.3
L862766		1.04	0.94	0.05	0.2	5.0	<0.005	0.14	5.0	2.4	11.60	1540	0.51	0.01	0.6	2.0
L862767		0.97	0.79	0.07	0.1	6.2	<0.005	0.11	4.3	1.9	11.85	1700	0.31	0.01	0.5	1.8
L862768		0.87	1.14	0.09	0.1	28.8	0.005	0.14	5.0	1.9	12.15	1590	0.26	0.01	0.5	1.5
L862769		19.95	16.30	0.15	0.5	>100	0.383	0.29	19.5	4.9	4.65	1080	3.30	0.02	1.6	5.5
L862770		1.45	0.84	0.05	0.2	3.6	<0.005	0.15	4.1	1.6	12.30	1610	1.59	0.02	0.7	3.9
L862771		23.0	0.90	0.08	0.1	11.9	<0.005	0.12	5.4	1.0	7.01	2420	2.93	0.01	0.4	6.1
L862772		1.10	0.33	0.05	<0.1	0.45	<0.005	0.05	3.3	1.1	12.95	1380	0.20	0.02	0.2	1.7
M389395		>50	6.30	0.60	0.3	21	0.033	0.31	3.3	2.4	0.22	525	2.58	<0.01	0.9	10.2
M389396		7.17	0.75	0.05	0.2	0.3	<0.005	0.10	5.3	31.2	0.71	754	0.31	0.01	0.5	9.6
M389397		1.72	0.58	0.05	0.1	1.7	<0.005	0.10	2.2	1.7	11.00	745	0.07	0.02	0.3	3.7
M389398		1.49	5.65	0.09	1.5	68.6	0.008	1.09	20.1	7.8	0.23	111	0.41	0.01	5.0	3.3
M389399		3.59	17.25	0.12	3.6	5.45	0.048	3.46	46.4	17.0	0.92	474	0.68	0.03	10.3	41.8

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113608

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
L862696		560	7.3	59.8	<0.002	0.02	0.42	5.2	1	1.0	785	0.31	0.05	5.4	0.154	1.07
L862697		270	0.6	0.4	<0.002	0.02	0.09	0.4	3	<0.2	73.0	<0.05	0.05	<0.2	<0.005	0.12
L862698		450	18.4	144.0	0.002	0.02	0.89	13.7	3	2.6	106.0	0.89	0.13	13.7	0.377	10.60
L862699		990	30.0	171.0	<0.002	0.11	1.48	14.9	<1	2.5	102.5	0.82	0.16	14.7	0.422	26.0
L862751		810	6.8	10.2	<0.002	0.01	1.02	1.1	2	0.2	101.5	0.07	<0.05	1.3	0.031	7.56
L862752		280	11.6	10.6	<0.002	0.47	0.47	2.1	3	0.4	235	0.08	<0.05	1.6	0.079	2.48
L862753		140	11.9	61.5	<0.002	0.44	0.39	4.8	2	0.8	354	0.31	<0.05	5.7	0.151	2.19
L862754		1200	16.4	78.6	<0.002	0.01	2.33	7.4	2	1.7	216	0.68	<0.05	12.2	0.293	17.45
L862755		420	12.3	8.9	<0.002	0.02	1.63	0.9	3	0.2	208	0.05	<0.05	1.0	0.023	2.57
L862756		810	4.4	24.2	0.002	0.01	0.26	1.5	3	0.4	164.5	0.12	0.14	2.7	0.055	2.81
L862757		750	9.5	37.4	0.002	0.17	2.61	2.0	3	1.1	135.5	0.22	<0.05	4.1	0.097	38.9
M389101		620	2.1	2.4	0.003	0.01	0.80	0.7	1	0.2	31.3	<0.05	<0.05	0.3	0.010	0.33
M389102		500	14.8	51.4	0.005	0.92	6.47	3.5	10	0.9	37.7	0.43	0.09	2.3	0.157	0.96
M389103		2030	17.7	91.4	0.009	0.83	7.13	8.4	10	1.4	97.2	1.01	0.08	7.8	0.308	1.31
M389104		500	12.0	38.1	0.004	4.02	6.30	3.4	11	0.6	55.6	0.32	0.12	1.3	0.111	1.67
M389105		6430	48.2	82.5	0.016	0.58	12.80	50.4	9	1.5	358	0.68	0.09	19.0	0.262	2.38
M389106		1390	9.0	49.7	0.011	0.29	1.80	5.5	5	0.9	227	0.31	0.05	3.9	0.151	1.67
M389107		440	11.3	82.1	0.009	0.30	1.38	8.8	5	1.4	132.5	0.55	<0.05	6.1	0.291	0.56
M389108		200	0.5	1.9	0.002	0.10	0.29	0.9	<1	<0.2	132.5	<0.05	<0.05	<0.2	0.007	0.04
M389109		70	1.7	2.2	0.002	0.03	0.10	0.3	2	<0.2	198.0	<0.05	0.05	0.2	0.007	0.82
L862758		380	26.1	135.5	<0.002	0.01	0.47	16.2	1	3.4	85.1	1.20	<0.05	14.6	0.490	0.89
L862759		360	27.8	157.0	<0.002	<0.01	0.44	16.4	1	3.3	93.3	1.26	<0.05	18.0	0.498	0.87
L862760		220	10.5	67.1	<0.002	0.03	0.14	7.2	1	1.3	49.1	0.60	<0.05	11.9	0.198	0.36
L862761		340	17.2	78.2	<0.002	0.05	0.21	8.5	1	1.8	61.9	0.68	<0.05	10.0	0.248	0.59
L862762		750	9.0	7.2	<0.002	0.01	1.88	0.5	<1	0.4	497	0.05	<0.05	0.8	0.021	3.62
L862763		180	3.2	2.6	<0.002	0.01	0.29	0.4	<1	0.2	55.9	<0.05	<0.05	0.3	0.010	8.07
L862764		130	19.0	18.0	<0.002	0.02	0.10	1.1	<1	0.4	52.1	0.12	<0.05	2.0	0.053	2.09
L862765		320	10.4	2.3	<0.002	0.08	1.31	0.5	<1	<0.2	113.5	<0.05	<0.05	0.2	0.005	5.23
L862766		400	329	5.2	<0.002	0.02	26.0	1.0	<1	<0.2	211	<0.05	<0.05	0.7	0.015	8.99
L862767		400	29.4	4.2	<0.002	0.03	12.20	0.9	<1	<0.2	154.5	<0.05	<0.05	0.6	0.011	17.90
L862768		410	2900	5.1	<0.002	0.04	64.0	0.9	<1	0.3	182.0	<0.05	<0.05	0.6	0.013	7.15
L862769		1240	1555	14.0	<0.002	0.42	66.2	1.5	7	4.7	769	0.10	0.18	2.9	0.033	690
L862770		520	37.0	4.4	<0.002	0.06	0.64	0.6	<1	<0.2	115.5	0.05	<0.05	0.7	0.014	7.08
L862771		760	565	4.2	0.002	0.36	4.48	0.6	<1	0.2	52.8	<0.05	<0.05	0.5	0.009	29.6
L862772		140	9.2	1.4	<0.002	0.07	0.42	0.4	<1	<0.2	114.0	<0.05	<0.05	0.3	<0.005	4.79
M389395		470	326	11.2	0.002	0.43	0.85	0.8	1	0.6	17.6	0.06	0.06	1.0	0.025	7.40
M389396		20	5.6	3.3	<0.002	0.02	0.16	0.6	<1	<0.2	544	<0.05	<0.05	0.6	0.016	0.56
M389397		220	2.4	3.6	<0.002	0.08	0.23	0.7	<1	<0.2	112.0	<0.05	<0.05	0.5	0.010	2.66
M389398		310	27.6	44.2	<0.002	2.74	9.35	2.1	<1	1.6	247	0.36	<0.05	4.5	0.282	15.70
M389399		630	50.5	147.5	<0.002	0.05	1.46	10.5	1	2.1	260	0.81	0.07	13.9	0.373	26.9

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113608

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
L862696		7.8	47	0.7	10.7	20	53.2				
L862697		2.1	1	<0.1	8.2	26	0.5				
L862698		3.8	100	1.9	22.3	40	113.0				
L862699		5.7	126	2.1	30.0	66	121.5				
L862751		4.3	12	0.7	5.4	27	15.2				
L862752		3.1	14	0.3	15.4	13	16.9				
L862753		3.5	34	0.6	22.7	19	51.6				
L862754		21.5	154	7.4	19.1	102	183.0				
L862755		4.3	18	0.8	3.5	200	9.0				
L862756		9.5	30	1.1	6.1	84	27.4				
L862757		6.2	31	3.1	5.7	39	47.2				
M389101		4.0	101	0.4	55.1	277	5.1				
M389102		1.7	386	0.9	9.0	109	50.7				
M389103		6.8	514	1.1	21.1	131	90.6				
M389104		1.5	237	0.7	9.4	130	35.0				
M389105		46.2	529	8.1	31.5	168	63.4				
M389106		2.9	241	1.0	23.1	272	41.4				
M389107		3.7	224	1.2	14.0	31	75.4				
M389108		1.1	12	0.1	1.3	13	4.6				
M389109		0.7	3	0.4	2.0	10	1.8				
L862758		3.5	108	1.9	18.4	124	88.9				
L862759		3.7	104	1.9	20.6	117	102.5				
L862760		1.9	33	0.9	18.1	23	83.8				
L862761		2.0	47	1.0	15.8	31	67.9				
L862762		1.7	4	2.0	2.2	57	8.1				
L862763		0.6	2	0.7	1.5	286	3.8				
L862764		0.8	10	1.7	2.2	23	21.1				
L862765		1.1	3	0.2	4.7	433	1.9				
L862766		2.0	4	0.7	5.2	614	5.7				
L862767		1.5	3	0.3	4.9	989	3.9				
L862768		2.8	4	0.5	5.1	814	4.9				
L862769		25.5	17	4.1	10.3	9410	16.0			3.16	1170
L862770		2.2	3	0.3	6.0	47	5.3				
L862771		2.3	4	0.3	6.1	206	3.8				
L862772		1.3	1	0.1	3.0	24	1.5				
M389395		2.4	4	0.6	2.6	5370	8.5				
M389396		0.7	3	0.1	10.4	36	4.8				
M389397		2.6	5	0.3	2.6	26	5.1				
M389398		3.0	31	4.1	4.9	9	50.6			6.45	
M389399		6.0	89	3.2	20.0	61	127.0				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113608

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method:	ME-MS61			

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.

Applies to Method:	Hg-CV41	Hg-CV42		

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

Applies to Method:	ME-MS61			

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	EXTRA-01	LOG-22
	PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	Hg-CV42
	ME-MS61	ME-OG62	Pb-OG62	Zn-OG62

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2013
Account: RCM

CERTIFICATE WH13115624

Project: Nadaleen

P.O. No.: R13-08

This report is for 43 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115624

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
L862773		0.33	0.05	0.02	0.18	968	40	0.10	0.01	14.50	0.11	4.83	0.3	4	0.18	1.9
L862774		0.30	1.51	0.23	1.25	>10000	1480	0.23	0.07	2.80	1.87	24.4	0.5	14	2.29	15.3
L862775		0.40	5.15	0.76	2.08	>10000	1760	0.46	0.15	7.30	5.50	51.7	3.6	21	3.02	38.0
L862776		0.51	2.83	0.21	0.46	9780	220	0.15	0.05	11.70	2.20	12.55	1.3	3	0.93	9.8
L862777		0.30	3.25	0.40	1.74	>10000	1330	0.33	0.12	2.87	7.97	30.9	1.1	15	4.04	23.2
L862778		0.54	0.12	0.03	0.20	1160	40	0.07	0.03	15.80	0.13	4.46	0.2	<1	0.22	1.9
L862779		0.34	3.26	0.08	0.13	>10000	50	0.61	0.08	22.3	0.07	4.50	5.1	4	0.33	8.3
L862780		0.34	1.64	0.06	0.69	>10000	110	0.74	0.04	14.20	2.84	6.07	0.7	7	1.24	16.8
L862781		0.33	0.09	0.02	3.09	587	130	1.17	0.10	13.80	0.05	28.8	2.7	30	8.35	6.6
L862782		0.55	0.08	0.02	0.39	372	50	0.28	0.02	17.00	0.05	17.30	1.1	5	0.64	2.1
L862783		0.61	0.65	0.03	1.55	1205	90	0.41	0.04	5.08	0.12	29.0	1.9	19	1.99	5.0
L862784		0.26	2.37	0.37	0.44	1655	90	0.18	0.05	0.55	2.64	12.50	15.9	6	0.42	35.9
L862785		0.17	0.06	0.25	1.37	364	190	0.37	0.37	0.21	0.06	25.8	40.1	13	6.77	152.0
L862786		0.46	0.45	0.09	0.45	756	100	0.19	0.03	18.50	1.47	9.93	4.2	5	0.62	3.8
L862787		0.35	0.01	0.02	1.69	261	2700	0.30	0.11	0.08	0.02	14.95	5.1	16	2.45	3.4
L862788		0.38	<0.01	0.03	0.05	23	110	0.05	<0.01	20.3	<0.02	1.60	0.3	2	0.08	0.9
L862789		0.37	0.01	0.05	0.16	109	140	0.08	0.01	16.70	0.44	3.99	0.5	3	0.23	2.3
L862790		0.33	<0.01	0.02	0.08	24	20	0.07	0.01	18.85	0.02	2.53	0.3	3	0.05	1.3
L862791		0.25	0.02	0.02	0.11	26	20	0.13	0.01	19.65	0.03	2.59	0.4	1	0.15	1.1
L862792		0.52	<0.01	0.03	0.44	20	30	0.18	0.02	19.90	0.32	6.35	0.8	5	0.77	2.2
L862793		0.36	0.02	0.03	0.11	127	20	0.08	0.01	18.95	0.03	2.28	0.4	2	0.21	2.1
L862794		0.42	<0.01	0.02	0.05	27	10	0.06	<0.01	20.3	0.05	1.40	0.3	1	<0.05	0.9
L862795		0.33	0.12	0.05	0.25	180.5	70	0.05	0.01	5.03	0.18	2.92	0.5	4	0.47	1.4
L862796		0.34	<0.01	0.02	0.39	297	100	0.16	0.02	25.7	0.02	17.20	1.1	4	0.76	1.9
L862797		0.39	0.10	0.11	0.18	1570	60	0.09	0.10	15.75	1.98	3.78	0.2	2	0.22	1.1
L862798		0.18	0.08	0.04	0.21	2270	30	0.10	0.01	8.30	0.12	2.33	0.3	4	0.30	1.8
L862799		0.13	0.46	0.11	1.01	>10000	220	0.19	0.06	0.99	2.40	15.10	2.4	9	1.31	37.2
L862800		0.16	0.05	0.02	0.18	672	20	0.05	0.01	10.25	0.40	3.46	0.5	3	0.31	1.3
L862801		0.23	0.07	0.04	0.32	1620	120	0.12	0.01	16.15	0.12	9.09	0.5	3	0.45	2.6
L862802		0.17	1.03	0.23	0.40	>10000	320	0.09	0.03	0.86	6.58	6.47	3.3	3	0.98	10.1
L862803		0.35	0.02	0.02	0.04	431	20	0.05	<0.01	15.85	0.12	0.75	0.2	5	0.08	0.8
L862804		0.27	0.01	0.02	0.09	409	20	0.06	<0.01	16.60	0.05	1.95	0.2	3	0.10	0.7
L862805		0.19	0.20	0.03	0.30	106	80	0.10	0.01	15.90	0.03	5.87	0.8	3	0.32	2.0
L862806		0.24	0.15	0.07	0.89	1460	150	0.26	0.02	10.25	0.31	10.00	0.8	5	1.48	2.7
L862807		0.23	0.12	0.03	0.28	1960	80	0.19	0.01	19.50	0.25	4.95	0.2	3	0.22	2.1
L862808		0.23	0.04	0.02	0.07	411	20	0.07	<0.01	17.80	1.71	0.96	0.2	1	0.12	0.7
L862809		0.52	0.06	0.05	0.38	550	40	0.13	0.01	14.05	0.06	5.07	0.7	11	0.47	1.5
L862810		0.20	2.76	0.45	1.03	>10000	680	0.23	0.06	8.09	37.9	17.90	4.1	10	1.85	24.0
L862811		0.52	0.03	0.02	0.15	269	50	0.24	0.01	20.8	0.44	4.19	0.5	1	0.14	1.3
L862812		0.20	0.12	0.88	1.86	3220	420	0.73	0.08	0.82	0.61	10.90	23.6	23	3.92	68.8

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115624

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
L862773		0.37	0.48	0.11	0.1	0.88	<0.005	0.08	2.9	1.9	8.59	474	0.10	0.01	0.2	0.6
L862774		1.66	3.45	0.12	0.6	27.2	0.018	0.51	13.9	8.5	1.30	467	0.29	<0.01	1.8	2.5
L862775		6.01	7.31	0.16	1.4	61.6	0.034	0.76	32.2	4.9	3.87	895	5.84	<0.01	5.0	9.8
L862776		4.08	1.82	0.07	0.2	41.6	0.025	0.19	7.2	3.5	7.11	574	1.58	0.01	0.7	3.8
L862777		6.32	5.84	0.12	0.9	40.7	0.027	0.71	19.5	7.0	0.58	1560	2.00	<0.01	2.7	3.8
L862778		0.35	0.56	0.10	0.1	13.0	0.008	0.09	2.8	2.9	9.30	441	0.17	0.01	0.2	<0.2
L862779		1.90	0.50	0.08	0.1	18.5	0.018	0.05	1.7	3.6	4.06	6370	0.06	0.01	0.2	7.5
L862780		0.66	2.11	0.09	0.4	1.38	0.049	0.32	3.8	5.1	1.32	13200	0.10	<0.01	0.7	1.7
L862781		1.02	7.88	0.13	1.8	1.37	0.029	1.64	14.6	12.2	8.08	434	0.15	0.02	4.8	7.2
L862782		0.65	1.07	0.11	0.6	1.28	0.005	0.20	9.5	2.6	9.74	508	0.06	0.01	0.6	2.4
L862783		0.67	3.92	0.12	1.1	6.49	0.011	0.76	16.2	9.4	2.50	398	0.17	0.01	2.2	4.6
L862784		>50	2.07	0.37	0.4	33.0	0.032	0.19	7.1	1.2	0.49	451	41.3	<0.01	0.9	12.5
L862785		32.4	3.48	0.17	0.8	2.86	0.035	0.70	12.5	3.9	0.26	118	1.27	0.01	2.4	41.2
L862786		3.77	1.34	0.09	0.2	5.49	0.009	0.16	5.7	2.3	11.10	1090	3.21	0.02	0.7	3.4
L862787		1.93	2.10	0.09	0.8	0.16	0.024	0.31	6.8	9.3	0.08	63	0.15	<0.01	1.7	9.0
L862788		0.15	0.12	0.09	<0.1	0.10	<0.005	0.01	0.8	0.6	12.50	323	0.08	0.01	0.1	0.5
L862789		0.57	0.42	0.11	0.1	0.69	<0.005	0.06	2.3	1.6	9.97	718	0.26	0.01	0.2	1.4
L862790		0.28	0.21	0.12	<0.1	0.12	<0.005	0.03	1.4	0.9	11.40	631	0.08	0.01	0.1	1.0
L862791		0.24	0.29	0.11	0.1	0.09	<0.005	0.05	1.4	1.0	11.95	558	<0.05	0.01	0.2	1.0
L862792		0.29	1.14	0.13	0.3	0.57	0.006	0.22	3.4	1.8	12.15	325	0.12	0.02	0.7	1.8
L862793		0.42	0.26	0.10	0.1	0.25	<0.005	0.04	1.3	0.8	11.50	403	0.16	0.01	0.2	1.6
L862794		0.14	0.14	0.13	<0.1	0.10	<0.005	0.02	0.9	0.6	12.40	259	0.06	0.01	0.1	0.6
L862795		0.19	0.38	0.13	<0.1	2.49	<0.005	0.05	1.9	7.6	2.78	1090	0.11	<0.01	0.2	1.4
L862796		3.77	1.02	0.11	0.2	0.08	0.012	0.19	5.3	1.3	3.69	642	0.08	0.01	0.6	3.6
L862797		0.28	0.55	0.09	0.1	22.3	0.015	0.07	2.9	3.6	9.46	444	0.22	0.01	0.2	0.3
L862798		0.41	0.42	0.09	0.1	3.76	<0.005	0.06	1.4	6.6	4.67	686	0.12	0.01	0.2	0.7
L862799		43.4	5.12	0.47	0.6	16.8	0.037	0.35	10.1	3.5	0.57	141	11.65	<0.01	1.9	7.6
L862800		0.43	0.37	0.09	0.1	14.1	<0.005	0.06	2.1	5.2	6.06	769	0.09	0.01	0.3	1.7
L862801		0.37	0.79	0.10	0.2	2.88	<0.005	0.11	6.0	3.4	9.59	1390	0.11	0.01	0.5	1.0
L862802		45.3	2.91	0.46	0.2	24.0	0.034	0.18	4.1	1.8	0.23	476	59.1	<0.01	0.6	9.0
L862803		0.26	0.10	0.07	<0.1	0.5	<0.005	0.01	<0.5	1.6	9.66	264	0.38	0.01	<0.1	0.5
L862804		0.17	0.20	0.09	<0.1	0.17	<0.005	0.03	1.1	2.8	10.15	505	0.12	0.01	0.1	0.4
L862805		0.31	0.77	0.10	0.1	1.48	<0.005	0.11	4.0	2.9	9.38	938	0.18	0.01	0.3	1.6
L862806		0.44	2.49	0.11	0.4	3.13	<0.005	0.40	5.7	4.8	6.22	475	0.16	0.01	1.3	1.6
L862807		0.62	0.75	0.10	0.1	2.21	<0.005	0.12	3.2	2.0	11.50	1080	0.10	0.01	0.3	0.5
L862808		0.13	0.14	0.11	<0.1	0.99	<0.005	0.01	0.5	2.8	10.70	2000	0.06	0.01	<0.1	0.4
L862809		0.41	0.92	0.11	0.2	1.07	<0.005	0.17	3.1	2.7	8.43	633	0.22	0.01	0.5	4.1
L862810		34.3	10.90	0.15	0.5	81.4	0.216	0.42	11.6	2.8	0.28	302	31.0	<0.01	2.0	9.3
L862811		1.10	0.40	0.07	0.1	0.60	<0.005	0.07	3.3	0.8	12.25	1240	0.15	0.01	0.1	0.9
L862812		43.4	4.71	0.52	1.0	20.3	0.012	0.89	6.3	7.8	0.72	620	3.16	0.01	3.0	54.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115624

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
L862773		580	3.2	2.5	<0.002	0.01	0.13	0.5	<1	<0.2	80.9	<0.05	<0.05	0.4	0.006	1.63
L862774		1090	175.0	21.0	<0.002	0.05	1.28	0.8	1	0.6	512	0.12	0.05	3.9	0.049	25.5
L862775		2920	363	29.7	<0.002	0.09	5.87	1.5	2	1.0	1960	0.37	0.15	7.1	0.133	30.7
L862776		780	122.0	7.6	<0.002	0.02	2.36	0.5	1	0.4	245	0.05	<0.05	1.1	0.018	20.3
L862777		2850	289	27.8	<0.002	0.06	2.71	1.1	1	0.8	1190	0.20	0.10	4.2	0.071	66.5
L862778		410	6.7	3.0	<0.002	0.01	0.21	0.5	<1	<0.2	95.2	<0.05	<0.05	0.3	0.005	4.06
L862779		1590	7.6	2.1	<0.002	1.50	3.19	5.2	1	0.3	129.5	<0.05	<0.05	1.0	0.005	26.3
L862780		310	8.0	12.6	<0.002	0.88	2.91	0.6	1	0.8	83.0	0.05	<0.05	1.0	0.023	19.30
L862781		390	2.8	58.1	<0.002	0.04	0.21	4.7	1	0.9	79.7	0.35	<0.05	6.0	0.146	3.39
L862782		270	1.9	6.2	<0.002	0.06	0.14	0.8	1	<0.2	98.9	0.05	<0.05	1.0	0.019	1.68
L862783		810	3.7	30.2	<0.002	0.04	0.81	3.0	1	0.5	172.0	0.16	<0.05	3.3	0.066	9.77
L862784		1250	608	6.6	<0.002	0.15	5.25	0.7	1	0.6	78.9	0.06	<0.05	1.2	0.028	22.4
L862785		680	144.5	28.1	<0.002	0.18	1.46	3.0	1	1.3	30.2	0.18	<0.05	3.4	0.079	2.98
L862786		660	69.3	6.2	<0.002	0.02	1.23	0.9	<1	0.2	71.7	0.05	<0.05	0.9	0.024	8.78
L862787		220	4.4	11.9	<0.002	0.13	0.15	2.5	<1	0.2	43.9	0.14	0.06	2.4	0.063	0.66
L862788		180	1.5	0.6	<0.002	<0.01	<0.05	0.1	<1	<0.2	67.6	<0.05	<0.05	<0.2	<0.005	0.16
L862789		640	8.4	2.2	<0.002	0.03	0.14	0.3	<1	<0.2	95.5	<0.05	<0.05	0.3	0.006	0.60
L862790		200	1.4	1.0	<0.002	<0.01	0.05	0.2	1	<0.2	102.5	<0.05	<0.05	<0.2	<0.005	0.40
L862791		120	3.1	1.8	<0.002	0.01	<0.05	0.2	<1	<0.2	75.4	<0.05	<0.05	0.2	0.006	0.31
L862792		230	10.9	8.3	<0.002	0.02	0.16	0.7	1	0.2	69.2	0.05	<0.05	0.9	0.021	1.58
L862793		290	4.9	1.6	<0.002	0.01	0.07	0.2	1	<0.2	86.6	<0.05	<0.05	0.2	0.005	0.31
L862794		150	1.7	0.6	<0.002	<0.01	0.07	0.1	1	<0.2	65.1	<0.05	<0.05	<0.2	<0.005	0.13
L862795		300	5.3	2.7	<0.002	0.01	0.12	0.4	<1	<0.2	58.4	<0.05	<0.05	0.2	0.005	2.70
L862796		30	1.2	7.5	<0.002	<0.01	0.07	0.9	1	<0.2	348	0.05	<0.05	0.9	0.019	0.19
L862797		340	1525	2.7	<0.002	0.01	4.97	0.5	<1	0.2	88.2	<0.05	<0.05	0.3	<0.005	13.25
L862798		180	17.9	2.3	<0.002	0.01	0.17	0.4	<1	<0.2	50.0	<0.05	<0.05	0.2	0.005	4.35
L862799		1210	253	11.8	<0.002	0.09	5.54	1.1	1	0.5	375	0.14	<0.05	2.9	0.053	14.95
L862800		120	4.6	2.1	<0.002	0.01	0.47	0.3	<1	<0.2	29.3	<0.05	<0.05	0.3	0.008	2.69
L862801		990	10.0	4.4	<0.002	0.01	0.69	0.9	<1	<0.2	149.5	<0.05	<0.05	0.7	0.013	5.92
L862802		440	699	5.7	<0.002	0.31	6.94	0.7	1	0.4	124.0	<0.05	0.05	1.0	0.015	49.4
L862803		150	3.5	0.3	<0.002	<0.01	0.30	0.2	<1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	2.37
L862804		360	1.8	0.9	<0.002	0.02	0.37	0.2	<1	<0.2	57.1	<0.05	<0.05	0.2	<0.005	1.02
L862805		780	5.4	4.3	<0.002	<0.01	0.17	0.8	<1	<0.2	143.0	<0.05	<0.05	0.5	0.008	4.55
L862806		180	11.4	13.4	<0.002	0.04	0.46	1.0	<1	0.4	100.5	0.11	<0.05	1.2	0.031	7.11
L862807		620	8.9	3.9	<0.002	0.02	0.73	0.8	<1	<0.2	133.5	<0.05	<0.05	0.5	0.008	11.55
L862808		250	2.9	0.5	<0.002	<0.01	0.52	0.5	<1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	1.60
L862809		130	5.8	5.4	<0.002	0.02	0.28	0.4	<1	<0.2	50.3	<0.05	<0.05	0.5	0.014	1.65
L862810		1050	414	16.1	<0.002	0.16	20.3	1.4	2	0.7	568	0.14	0.05	2.6	0.053	77.6
L862811		220	4.3	2.3	<0.002	0.02	0.11	0.3	<1	<0.2	154.0	<0.05	<0.05	0.2	<0.005	2.71
L862812		420	173.0	28.3	0.003	3.25	22.6	2.4	3	0.8	17.8	0.22	<0.05	3.5	0.091	36.7

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115624

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001	Hg- CV42 Hg ppm 0.1
L862773		1.5	2	0.2	3.0	28	2.9		
L862774		5.9	8	1.5	10.7	836	20.5	1.410	
L862775		18.5	20	5.0	19.4	2460	50.0	2.74	
L862776		4.7	5	1.1	5.3	1480	8.7		
L862777		15.3	15	2.6	17.4	3750	34.7	5.82	
L862778		1.7	2	0.2	3.0	49	2.5		
L862779		12.0	9	1.4	7.2	19	3.1	2.72	
L862780		5.7	10	2.0	2.7	1080	12.2	1.520	
L862781		3.1	33	2.4	8.7	13	62.4		
L862782		3.2	6	0.5	5.2	14	20.3		
L862783		4.4	24	1.7	8.9	30	37.2		
L862784		3.4	12	1.4	4.3	1270	13.2		
L862785		3.1	19	1.0	5.4	29	28.2		
L862786		1.2	6	0.5	4.4	453	8.2		
L862787		1.1	24	0.9	3.9	28	26.4		
L862788		0.7	<1	<0.1	1.2	2	1.1		
L862789		1.2	1	0.1	3.3	62	2.7		
L862790		0.5	1	0.1	1.7	4	1.4		
L862791		0.5	1	0.1	1.4	9	3.1		
L862792		1.1	5	0.4	2.1	39	9.1		
L862793		1.0	2	0.1	1.5	12	2.9		
L862794		0.6	<1	0.1	1.1	8	1.2		
L862795		0.9	1	0.2	2.5	57	1.7		
L862796		1.0	4	0.1	11.1	5	7.8		
L862797		2.4	1	0.2	2.9	152	1.9		
L862798		1.6	1	0.2	1.5	53	2.0		
L862799		6.4	12	3.2	5.0	4470	20.2	1.910	
L862800		0.8	1	0.3	1.2	246	3.5		
L862801		2.4	2	0.6	4.9	68	5.5		
L862802		8.2	8	0.6	2.1	5170	7.5	3.20	
L862803		0.3	<1	0.2	0.9	76	0.5		
L862804		0.8	<1	0.2	1.7	72	1.6		
L862805		1.9	3	0.4	5.0	16	3.3		
L862806		1.3	4	0.9	2.6	205	13.6		
L862807		2.3	2	0.3	3.5	80	3.4		
L862808		0.8	<1	0.3	2.1	541	0.7		
L862809		1.1	2	0.5	1.6	29	6.1		
L862810		18.5	11	2.0	5.8	6730	18.8	2.24	
L862811		1.6	1	0.1	3.5	350	1.6		
L862812		33.4	50	3.3	4.1	602	36.9		

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115624

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M389400	0.10	0.01	0.08	1.29	98.3	180	0.81	0.04	1.24	0.29	20.3	3.8	13	3.18	5.9
M389401	0.29	27.4	4.73	0.06	6070	40	<0.05	0.02	0.26	3.07	7.94	1.1	1	0.08	3.5
M389402	0.31	0.07	0.05	0.76	399	70	0.39	0.02	19.60	0.05	15.20	1.5	7	1.65	2.3

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Finalized Date: 8-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115624

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M389400		2.59	2.73	0.09	0.7	0.56	<0.005	0.41	8.9	5.6	0.65	1740	0.30	0.01	1.2	11.4
M389401		>50	2.07	0.35	0.1	>100	0.047	0.02	4.0	0.4	0.23	173	3.54	<0.01	0.3	3.4
M389402		0.60	1.80	0.09	0.6	1.68	<0.005	0.32	6.5	2.5	11.70	514	0.08	0.01	1.3	3.6

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CERTIFICATE OF ANALYSIS WH13115624

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M389400		370	15.9	15.0	<0.002	0.02	0.32	3.1	<1	0.3	22.4	0.09	<0.05	3.0	0.037	1.35
M389401		410	2890	0.6	0.002	0.25	17.70	0.1	<1	2.6	53.0	<0.05	0.08	0.3	0.007	12.70
M389402		400	27.4	10.0	<0.002	0.03	0.10	1.6	<1	0.3	146.5	0.09	<0.05	2.4	0.037	2.94

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Finalized Date: 8-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115624

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	As	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.1
M389400		1.2	10	0.5	10.2	73	23.7		
M389401		1.7	11	1.1	0.7	2640	6.1		363
M389402		1.9	8	0.8	5.2	23	25.0		

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Finalized Date: 8-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115624

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
As-OG62	Au-AA26	Hg-CV41	Hg-CV42
ME-MS61	ME-OG62		

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

CERTIFICATE WH13118111

Project: Nadaleen

P.O. No.: R13-09

This report is for 133 Rock samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
L862813	0.34	0.01	0.20	0.25	<5	640	0.13	0.02	31.5	0.51	2.82	0.7	9	0.36	6.9
L862814	0.38	<0.01	0.07	0.03	<5	6670	<0.05	0.02	32.3	0.23	0.68	0.4	<1	<0.05	2.2
L862815	0.20	0.03	0.26	0.04	11	450	<0.05	0.02	37.9	1.41	1.11	1.4	<1	<0.05	4.3
L862816	0.42	<0.01	0.17	0.02	<5	280	<0.05	0.01	31.0	8.55	0.70	4.1	<1	<0.05	3.2
L862817	0.33	<0.01	0.09	0.02	<5	4040	<0.05	0.01	27.1	0.29	0.49	0.9	<1	<0.05	2.7
L862818	0.27	<0.01	0.08	0.03	2.3	3810	<0.05	0.02	1.32	0.21	0.20	0.8	7	0.06	3.3
L862819	0.27	<0.01	0.64	0.03	52.5	550	<0.05	0.01	0.98	2.31	0.24	44.9	19	<0.05	6.5
L862820	0.21	0.02	1.57	0.88	6.6	910	0.72	0.05	0.17	0.70	3.94	0.6	54	1.16	20.0
L862821	0.21	<0.01	1.56	1.28	9.4	1010	0.53	0.07	0.06	1.07	13.60	0.7	53	2.95	54.3
L862822	0.17	<0.01	0.15	0.18	8	5300	0.16	0.02	26.7	1.58	3.86	2.6	10	0.17	7.2
L862823	0.14	<0.01	0.13	0.28	9	3920	0.20	0.02	14.70	53.0	2.97	287	7	0.16	27.0
L862824	0.18	<0.01	0.06	1.19	2.6	890	0.39	0.07	0.13	0.14	7.38	0.8	38	2.08	10.3
L862825	0.14	<0.01	0.05	1.24	4.5	790	0.36	0.06	0.03	0.05	6.89	0.4	40	2.19	13.5
L862826	0.15	0.03	0.05	0.95	5.5	750	0.33	0.05	0.03	0.08	5.55	0.7	37	2.32	7.9
L862827	0.22	0.63	0.05	1.48	7.8	880	0.48	0.06	0.01	0.05	7.31	0.6	37	2.62	7.8
L862828	0.15	<0.01	0.48	2.16	49.2	610	0.79	0.10	0.02	0.73	16.45	0.5	34	3.88	12.1
L862829	0.23	<0.01	3.58	1.39	7.2	940	0.70	0.09	0.06	2.59	12.35	0.4	76	2.40	35.2
L862830	0.19	<0.01	0.38	0.11	<5	920	0.07	0.02	31.7	27.6	2.65	4.2	9	0.06	6.3
L862831	0.53	<0.01	7.90	0.14	155.0	520	0.15	0.02	0.10	8.75	1.32	12.7	55	0.19	49.7
L862832	0.27	<0.01	0.15	0.09	<5	1300	0.07	0.01	31.9	126.0	3.60	11.9	<1	<0.05	10.9
L862833	0.35	<0.01	0.12	0.13	<5	3590	0.06	0.02	11.20	7.24	1.02	1.2	1	<0.05	8.6
L862834	0.26	<0.01	0.11	0.08	<5	2650	<0.05	0.01	10.85	19.50	0.89	1.8	1	0.05	6.7
L862835	0.28	<0.01	0.04	0.06	0.2	2210	<0.05	0.01	4.16	4.42	0.57	0.4	<1	<0.05	4.1
L862836	0.14	<0.01	2.50	0.06	121.5	1630	0.08	0.04	0.09	2.66	0.48	19.5	88	0.07	29.2
L862837	0.28	<0.01	0.36	0.04	26.3	1890	<0.05	0.02	0.08	0.35	0.21	0.7	78	<0.05	12.3
L862838	0.15	0.04	3.30	0.03	121.0	240	0.07	0.03	0.07	0.87	0.23	4.3	87	<0.05	19.9
L862839	0.39	0.19	5.96	0.11	266	250	0.08	0.05	0.11	4.78	1.00	26.0	102	0.13	88.5
L862840	0.25	0.03	0.72	0.06	42.7	200	<0.05	0.01	0.29	1.09	0.73	8.4	29	0.07	26.7
L862841	0.10	<0.01	2.65	0.12	170.0	530	0.15	0.02	0.18	6.53	1.61	24.8	64	0.14	84.3
L862842	0.43	0.01	2.36	0.04	75.4	340	<0.05	0.02	0.06	2.14	0.39	7.3	62	0.05	33.6
L862843	0.31	0.10	0.86	0.05	25.2	1740	<0.05	0.01	0.05	0.49	0.36	4.3	100	0.06	16.3
L862844	0.10	0.79	0.43	0.02	9.6	290	<0.05	0.01	0.05	0.21	0.14	3.3	56	<0.05	9.2
L862845	0.19	0.01	0.06	0.44	<5	3860	0.27	0.02	31.1	22.3	5.82	55.2	7	0.70	9.9
L862846	0.43	0.02	0.03	0.15	7	820	0.18	0.02	35.1	29.5	3.94	10.0	1	0.12	9.2
L862847	0.20	0.37	1.03	0.81	1185	3570	0.20	0.17	0.37	44.0	10.60	174.5	78	0.57	238
L862848	0.42	0.01	0.20	0.19	17.2	340	0.15	0.02	0.33	3.02	2.09	17.6	88	0.16	136.5
L862849	0.25	<0.01	1.72	0.44	948	350	0.23	0.02	0.23	6.2	4.38	328	81	0.47	64.4
L862850	0.32	<0.01	0.07	0.91	6.3	860	0.38	0.05	0.08	1.48	5.31	1.1	33	1.27	8.4
Q005551	0.09	<0.01	0.16	3.53	27.4	1230	0.93	0.06	6.53	2.56	64.7	24.3	134	2.47	45.1
Q005552	0.18	<0.01	0.12	5.97	11.3	1470	1.08	0.05	1.29	1.31	156.0	19.1	126	3.44	27.2

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
L862813		0.16	0.74	0.14	0.1	0.01	0.006	0.09	2.7	1.3	1.20	90	2.17	0.01	0.6	7.6
L862814		0.10	0.12	0.06	<0.1	<0.1	0.007	0.01	1.3	0.6	0.24	51	2.28	<0.01	0.1	3.1
L862815		0.23	0.19	0.08	<0.1	0.02	0.008	0.01	2.2	1.1	0.41	107	7.61	0.01	0.1	8.4
L862816		0.18	0.14	0.06	<0.1	0.03	<0.005	0.01	1.5	0.2	0.11	132	0.92	0.01	0.2	15.8
L862817		0.10	0.14	0.05	<0.1	<0.01	<0.005	0.01	1.1	0.6	0.16	46	1.02	<0.01	0.2	<0.2
L862818		0.27	0.14	<0.05	0.1	<0.01	<0.005	0.01	<0.5	0.4	0.02	33	0.80	<0.01	0.1	7.1
L862819		0.87	0.19	0.06	<0.1	0.07	<0.005	0.01	<0.5	0.4	0.01	42	183.0	<0.01	0.1	262
L862820		1.01	2.18	0.07	0.4	0.05	0.008	0.23	2.6	12.8	0.07	58	15.75	0.01	1.0	18.8
L862821		0.96	4.59	0.05	0.6	0.10	0.005	0.39	6.5	5.8	0.09	62	7.96	0.02	1.8	18.3
L862822		0.39	0.54	<0.05	0.1	0.01	<0.005	0.04	3.8	2.0	5.84	129	6.22	0.01	0.2	34.2
L862823		17.15	0.68	0.05	0.1	0.1	<0.005	0.03	3.0	0.9	0.28	5400	27.7	0.02	0.3	1235
L862824		0.68	2.89	<0.05	0.5	0.07	<0.005	0.38	3.7	3.5	0.09	67	2.22	0.01	1.5	8.0
L862825		0.90	2.86	<0.05	0.5	0.03	0.009	0.44	3.4	6.0	0.10	76	2.65	0.01	1.6	7.4
L862826		0.85	2.23	<0.05	0.4	0.03	<0.005	0.28	2.9	2.9	0.06	82	9.54	0.02	1.1	9.4
L862827		0.74	3.63	0.05	0.5	0.02	0.007	0.52	3.8	6.6	0.13	53	5.72	0.01	1.6	12.8
L862828		2.94	4.74	0.07	1.0	0.06	0.020	1.10	9.3	10.0	0.15	56	38.7	0.02	3.1	16.3
L862829		1.26	3.50	<0.05	0.8	0.05	0.008	0.43	5.9	14.2	0.13	70	5.14	0.01	4.4	9.3
L862830		0.91	0.40	0.05	0.1	<0.1	0.005	0.01	5.4	1.0	3.32	202	11.30	0.01	0.2	53.5
L862831		6.43	1.06	<0.05	0.1	0.24	0.007	0.03	1.3	3.0	0.02	252	11.40	<0.01	0.2	173.5
L862832		0.89	0.19	<0.05	<0.1	0.07	<0.005	<0.01	3.3	0.6	0.16	277	9.22	<0.01	0.1	98.9
L862833		0.27	0.24	<0.05	<0.1	0.01	<0.005	<0.01	2.3	0.5	0.03	237	1.50	<0.01	0.1	30.7
L862834		0.43	0.21	<0.05	<0.1	0.02	<0.005	<0.01	2.1	0.5	0.02	212	2.41	<0.01	0.1	42.0
L862835		0.11	0.08	<0.05	<0.1	<0.01	<0.005	<0.01	1.1	0.3	0.01	88	0.99	<0.01	<0.1	9.9
L862836		3.12	0.74	<0.05	<0.1	0.06	<0.005	0.01	<0.5	0.9	0.01	123	14.85	<0.01	0.1	94.3
L862837		1.03	0.56	<0.05	<0.1	0.01	<0.005	<0.01	<0.5	0.7	0.01	38	2.39	<0.01	0.1	5.1
L862838		2.62	0.42	<0.05	<0.1	0.06	<0.005	<0.01	<0.5	0.5	0.01	82	7.40	<0.01	0.1	29.5
L862839		4.75	1.23	0.05	<0.1	0.09	<0.005	0.02	0.8	1.5	0.02	114	49.6	<0.01	0.2	120.5
L862840		1.88	0.42	<0.05	<0.1	0.03	<0.005	0.01	1.0	0.9	0.06	64	5.17	<0.01	0.1	72.5
L862841		5.04	1.03	<0.05	<0.1	0.06	<0.005	0.02	1.4	0.9	0.02	151	28.6	<0.01	0.2	149.5
L862842		3.21	0.72	<0.05	<0.1	0.07	<0.005	<0.01	0.5	0.7	0.01	85	22.2	<0.01	0.1	45.8
L862843		0.96	0.47	<0.05	<0.1	0.01	<0.005	0.01	<0.5	0.6	0.01	40	3.11	<0.01	0.1	18.7
L862844		1.31	0.36	<0.05	<0.1	0.01	<0.005	<0.01	<0.5	0.3	<0.01	109	1.40	<0.01	0.1	16.2
L862845		9.22	1.00	<0.05	0.2	0.13	<0.005	0.09	6.9	1.8	0.13	2170	5.83	0.01	0.6	189.0
L862846		1.48	0.37	<0.05	0.1	0.03	<0.005	0.02	5.5	2.1	0.08	579	2.23	<0.01	0.2	37.4
L862847		48.9	3.10	0.81	0.3	5.3	0.012	0.14	13.5	1.8	0.04	587	442	0.03	1.6	1050
L862848		3.94	1.79	<0.05	<0.1	0.44	0.008	0.02	2.1	1.0	0.01	145	30.8	<0.01	0.2	117.5
L862849		14.35	3.17	0.06	0.1	1.1	0.020	0.07	3.8	2.2	0.03	548	2790	0.01	0.6	1045
L862850		0.78	1.92	<0.05	0.4	0.05	<0.005	0.21	2.7	6.6	0.05	60	17.05	0.01	0.9	9.0
Q005551		10.00	9.12	0.11	1.8	0.16	0.047	0.93	22.6	154.0	1.28	6380	26.0	0.28	23.3	47.7
Q005552		6.35	12.60	0.17	3.8	0.20	0.052	2.41	65.1	45.4	0.36	2320	2.24	1.21	68.2	46.7

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
L862813		380	3.9	4.5	0.010	0.03	0.39	0.7	1	0.5	250	<0.05	<0.05	0.5	0.015	0.40
L862814		70	0.6	0.3	<0.002	0.14	0.26	0.2	<1	<0.2	171.5	<0.05	<0.05	<0.2	<0.005	0.03
L862815		130	1.1	0.5	0.016	0.03	0.96	0.3	1	<0.2	164.5	<0.05	<0.05	<0.2	<0.005	0.15
L862816		90	<0.5	0.2	0.003	<0.01	0.97	0.4	2	<0.2	126.0	<0.05	<0.05	<0.2	<0.005	0.13
L862817		70	<0.5	0.2	0.003	0.11	0.49	0.3	2	<0.2	263	<0.05	0.05	0.2	<0.005	0.03
L862818		20	<0.5	0.3	<0.002	0.09	0.73	0.1	1	<0.2	3.3	<0.05	<0.05	<0.2	<0.005	0.02
L862819		70	1.3	0.2	0.012	0.02	5.35	0.1	3	<0.2	6.5	<0.05	0.09	<0.2	<0.005	0.11
L862820		860	3.0	13.7	0.047	0.10	14.55	1.6	6	0.3	25.7	0.07	0.05	0.9	0.034	0.39
L862821		190	7.9	25.7	0.038	0.20	8.60	2.9	8	0.5	30.9	0.12	0.06	1.6	0.063	1.32
L862822		1380	1.3	2.9	0.004	0.11	0.64	1.9	2	<0.2	783	<0.05	<0.05	0.4	0.006	0.11
L862823		1030	1.1	2.1	0.003	0.10	1.08	0.9	3	<0.2	238	<0.05	<0.05	0.3	0.007	0.44
L862824		30	3.6	23.1	0.017	0.08	0.71	1.7	2	0.5	14.3	0.11	<0.05	1.2	0.055	0.66
L862825		60	3.1	24.7	0.015	0.07	0.86	2.0	2	0.5	27.7	0.11	<0.05	1.3	0.058	0.64
L862826		20	2.6	18.3	0.015	0.08	1.10	1.8	1	0.4	9.8	0.07	0.05	1.0	0.035	0.40
L862827		50	4.4	31.4	0.011	0.06	1.17	2.5	1	0.5	14.9	0.11	<0.05	1.2	0.053	0.49
L862828		1240	20.3	42.8	0.012	0.88	7.35	4.4	17	0.8	431	0.20	0.31	10.2	0.108	2.00
L862829		940	5.2	25.9	0.018	0.24	4.98	2.2	6	0.7	140.5	0.14	0.09	1.8	0.058	0.77
L862830		3140	1.5	0.9	<0.002	<0.01	0.68	0.9	1	<0.2	337	<0.05	<0.05	0.2	<0.005	0.04
L862831		710	13.3	2.1	0.002	0.13	14.05	0.4	9	0.2	5.8	<0.05	0.11	0.3	0.006	0.71
L862832		170	0.6	0.3	<0.002	0.01	0.44	0.4	3	<0.2	254	<0.05	<0.05	0.2	<0.005	0.08
L862833		200	0.8	0.5	<0.002	0.06	0.40	0.5	1	<0.2	140.5	<0.05	<0.05	<0.2	<0.005	0.02
L862834		130	0.9	0.6	<0.002	0.07	0.44	0.7	<1	<0.2	173.5	<0.05	<0.05	<0.2	<0.005	0.03
L862835		90	<0.5	0.3	<0.002	0.08	0.11	0.2	<1	<0.2	203	<0.05	<0.05	<0.2	<0.005	0.02
L862836		180	14.7	1.0	0.006	0.13	14.40	0.1	5	0.2	5.1	<0.05	0.21	<0.2	<0.005	0.21
L862837		70	10.4	0.7	0.010	0.08	4.58	0.1	1	<0.2	4.1	<0.05	0.11	<0.2	<0.005	0.13
L862838		110	8.0	0.4	0.002	0.09	17.20	<0.1	3	<0.2	2.2	<0.05	0.12	<0.2	<0.005	0.11
L862839		250	51.0	1.6	0.034	0.10	46.5	0.2	19	<0.2	3.6	<0.05	0.40	<0.2	<0.005	0.35
L862840		130	3.2	0.8	<0.002	0.04	3.61	0.2	2	0.2	3.8	<0.05	<0.05	<0.2	<0.005	0.13
L862841		440	9.5	1.5	<0.002	0.17	16.65	0.4	4	0.2	8.3	<0.05	<0.05	0.2	<0.005	0.50
L862842		120	11.4	0.5	0.021	0.08	6.84	0.1	6	<0.2	4.2	<0.05	0.06	<0.2	<0.005	0.31
L862843		80	8.8	0.9	0.002	0.11	7.58	0.1	2	<0.2	5.3	<0.05	0.28	<0.2	<0.005	0.20
L862844		30	3.9	0.3	<0.002	0.05	4.77	<0.1	1	0.2	1.8	<0.05	0.23	<0.2	<0.005	0.15
L862845		430	0.8	6.0	<0.002	0.08	0.60	2.3	<1	<0.2	28.7	<0.05	<0.05	0.7	0.015	0.24
L862846		630	0.9	1.3	<0.002	<0.01	0.54	1.9	1	<0.2	78.5	<0.05	<0.05	0.3	0.005	0.07
L862847		4680	28.8	8.6	0.003	0.05	26.9	1.4	143	0.5	112.5	0.08	1.05	1.6	0.032	2.08
L862848		520	1.5	1.6	<0.002	0.02	1.90	1.1	1	<0.2	8.9	<0.05	<0.05	0.3	0.005	0.20
L862849		970	4.6	4.7	0.006	0.04	16.20	1.0	7	<0.2	6.7	<0.05	0.24	0.9	0.016	3.51
L862850		270	2.8	13.1	0.011	0.06	1.36	1.3	2	0.4	60.9	0.06	<0.05	1.0	0.031	0.90
Q005551		1100	11.3	34.2	<0.002	0.02	1.21	18.2	1	1.0	179.5	1.29	<0.05	4.3	0.513	0.24
Q005552		5380	8.0	54.6	<0.002	0.02	0.75	14.8	2	1.4	70.4	3.50	<0.05	8.0	1.095	0.19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
L862813		3.6	36	<0.1	6.8	62	5.6	
L862814		1.4	7	<0.1	4.1	22	1.9	
L862815		8.4	27	<0.1	7.0	26	1.9	
L862816		4.1	18	<0.1	5.9	95	1.5	
L862817		2.1	10	<0.1	3.5	15	1.8	
L862818		0.6	9	<0.1	0.4	25	1.2	
L862819		0.6	21	0.6	0.9	297	1.5	
L862820		4.5	751	0.3	6.6	107	11.5	
L862821		4.4	975	0.3	4.2	18	19.3	
L862822		6.2	68	0.1	20.6	186	7.3	
L862823		4.4	82	0.1	19.0	>10000	4.6	2.79
L862824		1.3	117	0.2	3.2	46	17.4	
L862825		1.7	173	0.3	4.3	10	16.8	
L862826		3.6	168	0.2	4.2	29	13.9	
L862827		1.4	225	0.2	2.6	21	17.7	
L862828		3.4	479	0.4	6.0	13	35.8	
L862829		5.8	270	0.3	8.2	16	38.3	
L862830		4.5	32	<0.1	24.1	820	3.6	
L862831		2.0	293	0.3	2.9	1020	4.0	
L862832		2.4	22	<0.1	44.1	1000	1.9	
L862833		2.9	13	<0.1	6.5	194	1.6	
L862834		1.7	13	<0.1	7.3	305	1.4	
L862835		0.9	4	<0.1	2.7	85	0.6	
L862836		1.3	273	0.4	1.0	269	2.3	
L862837		0.5	171	0.1	0.3	13	1.3	
L862838		0.5	136	0.6	0.4	112	1.6	
L862839		0.8	308	0.4	1.5	242	3.6	
L862840		1.7	61	0.2	1.7	235	1.3	
L862841		1.2	219	0.5	5.2	776	2.4	
L862842		0.6	146	0.5	0.4	221	1.4	
L862843		0.6	256	0.1	0.7	70	1.5	
L862844		0.3	302	0.3	0.2	15	0.9	
L862845		5.1	36	0.1	31.1	1120	7.1	
L862846		6.5	38	<0.1	35.5	444	2.9	
L862847		4.6	336	0.3	20.3	7880	11.3	
L862848		1.6	44	0.1	13.3	694	2.9	
L862849		5.7	170	2.2	12.8	1740	5.2	
L862850		3.3	139	0.2	4.8	27	13.5	
Q005551		1.7	137	0.8	32.8	98	74.0	
Q005552		3.0	157	0.9	37.7	106	178.0	

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005553		0.14	0.01	0.10	1.09	<5	580	0.41	0.07	11.45	0.49	23.9	9.5	20	1.01	40.5
Q005554		0.33	0.01	0.07	0.07	<5	90	0.14	0.01	34.9	1.84	2.97	1.3	<1	0.07	8.3
Q005555		0.15	<0.01	0.12	7.64	4.2	1390	1.46	0.04	4.81	0.22	149.0	25.4	303	7.60	57.4
Q005556		0.26	0.01	1.77	4.33	25.1	1270	2.10	0.18	2.42	6.35	57.1	7.6	99	5.11	271
Q005557		0.28	0.01	0.32	4.20	10.4	1220	1.44	0.14	1.72	0.85	45.9	10.1	54	3.58	97.7
Q005558		0.33	<0.01	0.03	0.44	<5	270	0.17	0.01	27.7	0.12	11.50	1.6	<1	0.30	9.8
Q005559		0.18	0.01	0.06	1.25	2.6	250	0.39	0.08	0.60	0.10	14.50	3.9	23	0.71	65.8
Q005560		0.29	0.01	0.14	0.83	2.5	300	0.37	0.04	2.21	0.51	16.15	4.2	53	0.88	51.7
Q005561		0.17	<0.01	0.06	6.95	6.9	810	1.58	0.21	2.38	0.26	57.5	33.6	65	2.51	104.5
Q005562		0.22	<0.01	0.06	5.11	8.7	640	0.89	0.02	6.30	0.68	85.0	18.9	65	5.97	10.2
Q005563		0.37	<0.01	0.02	5.11	7	650	0.84	0.01	12.50	5.25	101.0	21.7	24	6.36	12.8
Q005564		0.14	<0.01	0.03	2.50	3.8	350	0.34	<0.01	6.55	0.09	30.4	5.9	29	1.34	7.2
Q005565		0.14	<0.01	0.38	5.36	9.1	1050	1.81	0.17	0.97	0.72	58.0	12.3	73	4.72	73.0
Q005566		0.22	<0.01	0.07	5.35	6.4	260	0.45	0.01	9.98	0.05	115.0	23.3	257	3.01	21.9
Q005567		0.25	<0.01	0.10	0.90	<5	320	0.37	0.01	30.9	0.28	19.15	1.8	4	0.80	10.2
Q005568		0.29	<0.01	0.09	2.11	9.4	2660	0.59	0.04	7.39	0.05	28.6	4.3	28	1.33	14.4
Q005569		0.16	<0.01	0.03	1.42	<5	490	0.63	0.02	25.3	0.10	49.0	3.1	31	1.55	8.5
Q005570		0.40	<0.01	0.12	1.43	5	560	0.85	0.03	16.75	0.12	19.05	2.9	9	0.71	26.6
Q005571		0.28	<0.01	0.04	0.78	<5	1060	0.40	0.01	25.4	0.08	15.75	2.1	3	0.42	15.8
Q005572		0.43	<0.01	0.06	1.75	<5	530	0.76	0.02	13.30	0.12	38.3	4.6	50	1.69	10.6
Q005573		0.32	<0.01	0.07	3.89	5.2	430	0.77	0.02	6.23	0.12	74.5	15.1	444	5.89	22.0
M389403		0.61	<0.01	0.11	0.09	7	770	0.06	<0.01	35.9	0.50	2.69	1.1	<1	0.11	4.2
M389404		0.27	<0.01	0.42	1.56	203	1820	3.75	0.03	0.17	8.64	5.31	10.3	39	1.24	119.5
M389405		0.17	<0.01	0.39	1.88	49.0	2380	1.65	0.06	0.20	3.70	12.50	4.8	66	3.07	94.1
M389406		0.28	<0.01	0.31	0.92	62.5	3130	1.58	0.02	0.07	4.15	3.63	5.8	28	0.90	51.2
M389407		0.36	<0.01	0.12	0.08	<5	2040	0.07	<0.01	29.6	1.58	1.16	0.8	<1	0.05	3.5
M389408		0.31	<0.01	0.08	0.03	<5	5390	0.07	<0.01	29.8	4.28	0.65	1.7	<1	<0.05	2.4
M389409		0.48	<0.01	3.45	2.13	18.7	2410	1.30	0.10	0.77	3.94	19.60	0.6	155	3.16	73.4
M389410		0.18	<0.01	3.06	1.58	50.9	1720	1.22	0.05	1.09	2.89	9.02	1.7	109	2.26	82.1
M389411		0.14	<0.01	0.12	1.67	9.5	780	0.68	0.06	0.12	0.13	14.65	0.5	34	2.30	7.6
M389412		0.25	<0.01	1.04	0.76	6.3	4480	0.25	0.01	0.12	0.59	3.78	0.4	37	0.69	18.8
M389413		0.25	<0.01	1.24	0.77	6.0	650	0.41	0.02	0.10	0.61	4.75	0.4	52	1.20	17.6
M389414		0.14	<0.01	1.09	0.87	3.1	790	0.36	0.02	0.03	0.19	10.10	0.4	57	1.15	14.4
M389415		0.14	<0.01	0.17	1.73	19.4	960	0.65	0.05	0.02	0.58	14.80	0.5	40	3.37	12.3
M389416		0.15	<0.01	0.19	0.72	2.7	440	0.30	0.02	0.01	0.21	3.38	0.4	34	1.12	4.7
M389417		0.15	<0.01	0.09	0.59	2.3	480	0.23	0.01	0.02	0.04	3.70	0.5	45	0.80	5.5
M389418		0.06	<0.01	2.30	2.42	93.5	690	1.94	0.14	0.13	2.20	20.2	3.4	56	3.30	110.5
M389419		0.17	<0.01	0.02	0.64	12.6	130	0.14	0.01	0.03	0.32	5.60	3.6	25	0.44	7.7
M389420		0.23	<0.01	0.19	0.12	5	1050	0.09	<0.01	32.2	2.37	1.37	0.8	6	0.11	3.8
M389421		0.12	<0.01	0.10	4.25	11.5	4580	1.20	0.16	1.09	4.16	49.5	12.3	38	2.77	36.7

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005553		1.26	2.72	0.05	0.5	0.09	0.005	0.57	13.6	9.0	0.29	1440	0.95	0.01	3.8	20.8
Q005554		0.21	0.24	<0.05	<0.1	0.03	<0.005	0.01	3.2	0.6	0.60	92	2.44	<0.01	0.2	9.9
Q005555		6.72	18.50	0.19	4.6	0.08	0.060	2.60	67.0	80.8	1.09	1220	0.92	1.51	74.2	91.8
Q005556		3.14	12.45	0.12	2.8	0.36	0.044	2.00	30.4	37.5	0.61	363	15.40	0.31	23.6	63.2
Q005557		2.70	11.25	0.13	1.4	0.1	0.039	2.04	27.7	35.4	0.64	705	3.27	0.16	2.7	27.1
Q005558		0.51	1.16	0.05	0.3	0.03	0.005	0.17	8.1	4.9	0.24	898	0.47	0.01	1.9	3.0
Q005559		1.00	2.91	0.06	0.7	0.06	0.015	0.38	8.3	12.6	0.13	130	1.60	0.01	4.3	9.9
Q005560		0.83	2.71	0.07	0.3	0.05	0.010	0.39	10.1	7.7	0.13	223	0.87	0.02	3.0	17.6
Q005561		6.28	18.45	0.14	3.0	0.07	0.077	1.41	26.7	44.3	3.11	646	0.30	1.42	13.8	49.6
Q005562		7.33	11.75	0.13	3.4	0.4	0.038	1.16	41.2	64.0	2.23	764	1.32	1.21	44.1	13.6
Q005563		6.43	13.65	0.16	3.3	0.04	0.041	1.18	48.6	62.7	0.97	754	1.02	1.40	39.8	14.3
Q005564		3.17	4.02	0.06	1.0	0.02	0.013	0.44	17.0	51.4	1.93	770	0.61	1.11	13.4	6.7
Q005565		3.73	13.75	0.13	3.6	0.34	0.055	2.37	31.8	59.0	0.65	324	1.87	0.27	28.7	38.2
Q005566		7.68	14.35	0.17	3.5	0.1	0.051	0.21	57.5	65.5	1.57	506	1.51	2.16	54.2	41.6
Q005567		0.93	2.33	0.06	0.5	0.09	0.010	0.38	8.3	7.7	0.24	714	0.94	0.01	4.5	4.8
Q005568		3.91	4.66	0.07	1.1	0.27	0.016	0.64	17.5	29.1	2.68	738	1.28	0.03	8.7	14.0
Q005569		1.06	3.86	0.10	1.2	0.08	0.013	0.66	26.1	10.3	1.21	236	2.58	0.21	7.4	7.8
Q005570		2.36	3.93	0.07	1.0	0.12	0.017	0.82	11.7	10.8	8.16	632	0.60	0.01	6.7	5.4
Q005571		0.98	1.87	0.05	0.4	0.10	0.006	0.27	9.1	5.3	3.53	406	0.52	0.24	2.4	4.7
Q005572		4.37	3.87	0.08	1.4	0.06	0.018	0.69	21.4	12.8	3.30	1260	1.05	0.18	14.7	10.3
Q005573		3.39	7.92	0.12	3.2	0.06	0.042	1.28	34.4	19.9	0.92	408	1.09	1.07	49.2	33.3
M389403		0.17	0.32	0.05	0.1	0.01	<0.005	0.03	2.7	1.5	1.22	94	9.64	0.01	0.3	5.6
M389404		9.57	2.97	0.08	0.4	0.07	0.145	0.24	2.5	4.8	0.06	58	73.8	0.01	0.7	182.0
M389405		3.67	4.07	0.05	0.7	0.08	0.033	0.58	6.6	8.6	0.15	82	14.55	0.02	2.5	65.7
M389406		3.49	2.13	0.06	0.3	0.04	0.060	0.16	2.5	4.0	0.04	38	32.2	<0.01	0.6	85.7
M389407		0.12	0.25	0.10	0.1	<0.1	<0.005	0.01	1.8	0.8	4.51	123	1.35	0.01	0.2	6.4
M389408		0.18	0.13	0.12	0.1	0.01	<0.005	0.01	1.6	0.6	4.11	104	1.93	0.01	0.1	14.0
M389409		1.23	5.17	0.14	0.9	0.15	0.030	0.61	17.2	10.5	0.17	48	5.95	0.03	3.6	18.0
M389410		1.85	3.21	0.09	0.5	0.10	0.023	0.47	8.3	11.1	0.11	56	12.45	0.03	1.9	59.3
M389411		1.37	4.31	0.05	0.8	<0.1	0.005	0.59	7.8	6.1	0.14	104	9.91	0.01	1.6	9.2
M389412		0.80	1.69	<0.05	0.3	0.12	0.008	0.19	2.4	9.7	0.04	61	5.52	0.01	0.6	5.7
M389413		0.83	1.90	0.05	0.3	0.05	0.005	0.25	3.4	4.8	0.06	66	3.38	0.01	0.8	9.1
M389414		1.03	2.51	<0.05	0.4	0.04	0.005	0.27	5.8	6.1	0.06	93	5.14	0.01	1.1	6.9
M389415		1.60	4.16	0.06	0.7	0.06	0.023	0.59	7.7	6.3	0.15	97	22.7	0.01	1.5	7.0
M389416		1.00	1.53	<0.05	0.4	0.02	0.006	0.25	2.0	4.8	0.06	99	4.03	0.01	0.7	5.3
M389417		1.00	1.20	<0.05	0.3	0.05	<0.005	0.19	2.3	3.6	0.05	99	4.46	0.01	0.6	6.5
M389418		5.00	6.05	0.10	1.3	0.23	0.029	0.69	10.6	8.7	0.18	114	91.0	0.02	3.3	79.3
M389419		1.80	1.49	<0.05	0.4	0.03	0.009	0.22	2.2	7.7	0.07	828	1.54	0.04	1.0	7.4
M389420		0.17	0.36	0.06	0.1	0.02	<0.005	0.03	2.2	1.1	0.22	112	2.57	<0.01	0.1	8.8
M389421		3.52	10.65	0.11	2.3	0.09	0.047	1.80	22.2	8.2	0.54	2730	5.06	0.44	6.9	51.7

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Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005553		2090	6.8	18.5	0.003	0.08	0.85	2.5	1	0.4	291	0.23	<0.05	1.6	0.081	0.08
Q005554		250	0.7	1.0	0.005	0.01	2.13	0.3	1	<0.2	971	<0.05	<0.05	<0.2	<0.005	0.13
Q005555		4290	5.8	74.9	<0.002	0.03	0.41	23.5	1	1.7	141.5	3.99	<0.05	9.1	1.415	0.18
Q005556		8290	17.0	74.5	0.011	0.21	8.18	9.3	8	1.4	117.5	1.40	0.13	7.5	0.372	0.71
Q005557		6130	11.3	70.3	0.003	0.03	0.44	7.6	3	0.3	93.3	0.16	0.07	6.5	0.236	0.36
Q005558		210	1.3	6.0	<0.002	0.02	0.15	1.7	1	0.2	460	0.11	<0.05	0.7	0.034	0.03
Q005559		2350	3.8	13.2	0.002	0.01	0.45	2.2	1	0.5	23.6	0.23	<0.05	1.6	0.079	0.06
Q005560		2280	3.2	13.8	0.009	0.07	0.47	1.8	1	0.4	57.4	0.15	<0.05	1.2	0.076	0.08
Q005561		610	21.2	59.0	0.002	0.13	0.35	22.2	2	2.0	89.6	0.88	0.26	6.4	0.640	0.29
Q005562		1930	9.0	28.0	0.003	0.55	0.45	7.9	2	1.1	152.5	2.20	<0.05	6.6	0.569	0.13
Q005563		>10000	6.7	28.3	0.002	0.35	0.32	13.5	2	1.0	307	2.03	<0.05	5.3	0.732	0.10
Q005564		890	3.0	12.6	<0.002	0.05	0.17	3.5	1	0.4	104.0	0.66	<0.05	1.8	0.240	0.05
Q005565		2020	19.3	88.4	0.007	0.08	1.05	12.1	3	1.5	64.8	1.63	0.10	7.5	0.557	0.43
Q005566		3450	5.3	8.0	<0.002	1.23	0.30	20.4	3	1.2	371	2.70	<0.05	7.2	0.950	0.05
Q005567		510	3.2	13.9	0.004	0.07	0.28	2.3	1	0.3	973	0.21	<0.05	1.1	0.061	0.08
Q005568		1440	8.4	25.5	<0.002	0.45	0.37	6.1	2	0.6	263	0.49	<0.05	2.7	0.179	0.12
Q005569		450	4.1	25.7	0.004	0.35	0.23	4.4	2	0.4	766	0.43	<0.05	2.8	0.122	0.16
Q005570		230	3.9	25.4	<0.002	0.27	0.39	3.3	1	0.4	239	0.40	<0.05	2.5	0.124	0.08
Q005571		410	1.6	9.7	<0.002	0.14	0.21	1.8	1	0.2	895	0.13	<0.05	1.3	0.044	0.05
Q005572		790	6.0	24.9	<0.002	0.29	0.37	5.3	1	0.5	276	0.76	<0.05	3.2	0.269	0.12
Q005573		1950	7.5	42.7	<0.002	0.28	0.47	16.6	2	1.1	131.0	2.55	<0.05	6.1	0.972	0.17
M389403		500	0.9	1.3	0.004	0.02	0.63	0.6	1	<0.2	208	<0.05	<0.05	0.2	0.007	0.26
M389404		7200	1.5	13.0	<0.002	0.10	35.2	9.9	8	0.6	1350	0.10	0.05	1.3	0.023	0.16
M389405		2090	3.8	32.6	0.008	0.12	5.94	4.6	5	0.5	418	0.18	0.07	1.6	0.080	0.24
M389406		3130	1.9	9.8	<0.002	0.10	13.70	5.3	3	0.4	943	0.05	<0.05	0.7	0.019	0.10
M389407		280	0.8	0.7	<0.002	0.03	0.17	0.5	1	<0.2	269	<0.05	<0.05	<0.2	<0.005	0.03
M389408		330	<0.5	0.3	<0.002	0.10	0.23	0.3	1	<0.2	362	<0.05	<0.05	<0.2	<0.005	0.02
M389409		4710	7.4	35.0	0.014	0.20	2.41	5.1	6	0.7	208	0.25	0.11	3.0	0.118	0.42
M389410		5640	4.4	25.1	0.022	0.25	3.51	2.9	11	0.5	167.5	0.12	0.08	1.2	0.064	0.16
M389411		300	6.3	35.2	0.025	0.20	1.08	2.7	3	0.6	47.3	0.11	<0.05	2.7	0.056	0.79
M389412		1120	3.3	9.6	0.032	0.12	4.87	1.1	3	0.3	85.4	<0.05	<0.05	0.7	0.024	0.39
M389413		720	3.0	14.6	0.050	0.08	3.43	1.5	5	0.3	34.2	0.06	<0.05	0.7	0.030	0.27
M389414		320	3.3	16.1	0.040	0.10	3.68	1.6	5	0.3	82.3	0.08	<0.05	1.2	0.041	0.65
M389415		430	4.8	36.8	0.053	0.23	3.88	2.4	6	0.6	141.0	0.10	0.05	2.2	0.051	2.90
M389416		90	2.9	13.8	0.031	0.07	1.36	1.1	3	0.3	19.9	0.05	<0.05	0.7	0.028	0.41
M389417		110	1.9	10.3	0.036	0.05	1.26	0.7	2	0.3	18.8	<0.05	<0.05	0.6	0.025	0.38
M389418		3880	9.8	42.5	0.032	0.16	76.9	5.8	22	0.6	46.5	0.21	0.19	3.2	0.102	1.05
M389419		170	3.1	8.5	<0.002	0.01	0.55	1.3	1	0.4	5.7	0.07	<0.05	0.9	0.039	0.13
M389420		420	0.8	1.7	0.005	0.02	0.42	1.0	1	<0.2	340	<0.05	<0.05	0.2	<0.005	0.09
M389421		520	14.5	74.6	<0.002	0.12	1.59	8.7	2	1.6	29.1	0.47	0.05	6.5	0.284	0.74

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q005553		2.0	36	0.4	23.3	43	20.0	
Q005554		2.2	62	<0.1	9.9	134	3.5	
Q005555		2.7	248	0.8	33.9	134	199.0	
Q005556		10.5	557	1.3	38.4	390	118.0	
Q005557		6.9	203	0.4	30.5	150	68.6	
Q005558		0.8	13	0.3	13.3	17	10.8	
Q005559		2.3	51	0.5	11.9	37	26.5	
Q005560		2.5	109	0.2	14.4	39	11.4	
Q005561		1.4	189	0.7	22.5	88	106.0	
Q005562		2.2	94	0.6	22.5	110	145.0	
Q005563		4.8	139	0.4	35.2	33	136.0	
Q005564		0.7	39	0.3	9.3	20	47.1	
Q005565		3.6	125	1.2	24.6	97	133.0	
Q005566		1.8	175	0.8	30.0	147	154.5	
Q005567		0.9	24	0.2	10.8	34	20.7	
Q005568		1.7	52	0.5	13.7	35	44.3	
Q005569		2.6	35	0.4	20.9	28	42.5	
Q005570		1.6	33	0.6	11.9	27	36.8	
Q005571		1.0	22	0.2	9.5	15	15.9	
Q005572		1.4	50	0.6	15.7	41	54.4	
Q005573		1.9	119	1.1	19.3	140	128.5	
M389403		2.5	17	0.1	6.5	29	4.1	
M389404		33.1	633	0.6	14.8	937	26.7	
M389405		11.5	202	0.4	14.6	497	25.8	
M389406		16.7	235	0.3	9.9	377	19.7	
M389407		1.0	13	<0.1	3.5	53	2.7	
M389408		0.8	8	<0.1	3.6	100	1.7	
M389409		12.2	148	0.4	22.0	49	35.1	
M389410		8.3	168	0.3	20.9	258	17.3	
M389411		6.5	318	0.5	9.7	13	29.7	
M389412		2.5	330	0.1	4.5	37	10.8	
M389413		2.7	296	0.2	3.1	8	9.5	
M389414		4.2	548	0.2	4.7	4	12.7	
M389415		5.1	333	0.4	5.2	10	25.0	
M389416		2.1	351	0.2	1.7	3	11.0	
M389417		4.4	198	0.3	1.8	<2	12.2	
M389418		17.3	1020	0.7	20.1	647	60.2	
M389419		0.5	54	0.2	2.1	41	13.3	
M389420		5.4	46	<0.1	16.6	56	5.2	
M389421		3.0	110	0.8	17.7	109	75.8	

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M389422	0.28	<0.01	2.90	1.85	22.8	1060	1.30	0.07	0.34	1.69	13.15	1.1	50	2.56	32.2
M389423	0.23	<0.01	0.48	0.41	7	3890	0.16	0.02	31.1	7.10	6.73	2.7	18	0.52	8.5
M389424	0.20	<0.01	1.60	2.69	21	6090	0.76	0.12	11.60	9.53	31.7	8.3	102	3.73	43.5
M389425	0.19	<0.01	0.28	0.10	8	720	0.08	0.01	37.8	9.57	2.99	2.7	6	0.12	5.5
M389426	0.16	<0.01	2.02	0.13	230	4060	0.05	0.01	0.18	3.62	1.57	19.2	41	0.13	78.8
M389427	0.50	<0.01	8.23	0.23	793	2990	0.08	0.02	0.14	7.42	3.15	37.6	28	0.29	70.9
M389428	0.03	<0.01	2.11	5.01	37.4	7860	1.33	0.29	0.45	3.48	37.8	13.9	106	3.50	179.0
M389429	0.14	<0.01	1.29	3.37	18.3	2410	0.57	0.19	0.29	1.25	36.8	3.2	96	3.85	43.7
M389430	0.22	<0.01	3.59	2.00	10.7	1980	0.45	0.19	0.12	0.71	17.75	0.5	52	3.95	14.6
M389431	0.27	<0.01	2.65	3.55	42.6	2120	1.46	0.16	1.16	20.9	32.2	11.7	122	4.26	90.2
M389432	0.18	<0.01	0.51	1.65	11	2260	0.21	0.01	32.2	67.5	4.04	14.7	10	0.32	13.9
M389433	0.30	<0.01	0.04	0.15	8	2570	0.07	0.02	37.8	0.39	4.37	3.8	6	0.18	2.4
M389434	0.31	<0.01	0.39	0.28	<5	2070	0.09	0.01	29.1	3.11	4.63	0.9	16	0.18	2.1
M389435	0.26	<0.01	0.20	1.46	28.2	3610	0.54	0.09	0.28	0.41	14.65	0.5	31	1.41	23.8
M389436	0.17	<0.01	0.28	1.49	5.7	1180	0.68	0.06	0.15	0.37	12.70	0.5	34	2.39	19.8
M389437	0.28	<0.01	0.27	1.36	4.8	1240	0.56	0.06	0.05	0.27	10.50	0.4	33	2.15	16.5
M389438	0.22	<0.01	0.48	0.84	7.8	1080	0.44	0.05	0.08	0.28	6.45	0.5	69	1.25	26.8
M389439	0.23	<0.01	2.34	4.11	21.9	2900	1.48	0.20	1.24	0.64	47.9	7.5	99	3.90	60.6
M389440	0.25	<0.01	2.97	2.08	4.9	2150	1.01	0.09	0.07	0.31	18.90	0.6	46	3.61	43.5
M389441	0.15	<0.01	1.47	2.12	8.1	1920	0.93	0.10	0.36	0.76	20.5	1.5	66	2.60	41.9
M389442	0.44	<0.01	1.19	1.22	4.1	1510	0.64	0.07	0.06	0.27	5.86	0.5	49	1.69	42.0
M389443	0.19	<0.01	0.54	0.80	18.9	1070	0.54	0.05	0.45	0.67	6.22	5.8	52	0.95	29.5
M389444	0.30	<0.01	2.23	2.47	10.7	1910	1.41	0.12	0.49	0.90	19.60	0.8	76	3.08	53.4
M389445	0.41	<0.01	0.96	1.18	4.9	1250	0.55	0.05	0.05	0.57	7.91	0.4	56	1.79	31.8
M389446	0.06	<0.01	0.76	0.90	7.2	1790	0.52	0.04	0.94	0.97	7.50	0.7	79	1.08	28.8
M389447	0.25	<0.01	1.42	3.50	12.8	2290	1.13	0.16	4.35	2.22	37.6	8.1	107	2.99	36.5
M389448	0.19	<0.01	0.52	0.91	5	3700	0.31	0.04	23.6	1.03	10.45	2.3	35	0.97	15.2
M389449	0.14	<0.01	0.89	0.80	69	2260	0.35	0.08	12.90	4.33	19.30	17.3	25	0.77	14.7
M389450	0.30	<0.01	3.55	1.34	51.1	1230	0.74	0.12	9.88	3.87	18.25	12.5	72	1.37	52.0
Q005501	0.19	<0.01	3.51	0.86	217	880	1.48	0.12	1.14	3.86	9.56	24.6	114	1.28	29.3
Q005502	0.38	<0.01	0.43	0.25	7	2170	0.15	0.02	24.0	1.19	6.77	3.3	14	0.22	3.3
Q005503	0.40	<0.01	1.29	0.22	<5	2260	0.06	0.01	34.1	5.15	4.37	2.2	6	0.16	6.5
Q005504	0.57	<0.01	3.59	3.73	55.2	1800	1.10	0.30	5.66	4.31	44.9	27.8	103	3.40	42.7
Q005505	0.49	<0.01	2.56	3.96	40.3	2910	1.00	0.23	8.75	3.54	47.5	20.4	96	3.03	32.7
Q005506	0.79	<0.01	2.00	3.58	35.5	2090	1.02	0.21	9.82	3.39	43.8	19.9	71	3.01	33.3
M389118	0.88	0.05	0.13	8.18	1525	480	2.00	0.36	2.28	0.07	75.2	16.7	92	16.75	60.9
M389119	0.76	0.05	0.08	7.73	1410	530	2.41	0.49	2.23	0.07	70.4	18.1	83	18.85	55.8
M389120	0.63	0.33	0.07	7.45	1640	330	2.20	0.23	4.64	0.13	76.4	13.4	76	14.75	29.8
M389121	0.68	0.01	0.06	8.29	990	390	2.74	0.33	0.67	0.03	85.1	20.4	65	22.1	102.5
M389122	0.82	<0.01	0.05	10.30	36.7	460	1.97	0.41	0.15	<0.02	104.5	1.6	73	24.4	2.6

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VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M389422		1.33	4.37	0.17	0.7	0.10	0.028	0.52	8.1	10.5	0.12	44	18.85	0.03	2.1	29.4
M389423		0.40	1.13	0.10	0.2	<0.1	0.007	0.13	8.5	1.5	0.21	204	8.68	0.01	0.9	31.6
M389424		1.99	7.00	0.16	1.4	0.16	0.033	0.81	27.9	10.2	0.27	270	29.3	0.06	5.4	116.0
M389425		0.31	0.34	0.06	0.1	0.1	<0.005	0.03	6.3	0.5	0.18	235	3.64	0.01	0.3	31.6
M389426		4.06	1.29	0.24	0.1	0.05	0.006	0.03	3.0	0.7	0.01	204	109.0	<0.01	0.3	203
M389427		5.41	3.41	0.26	0.2	0.2	0.015	0.06	6.7	2.3	0.01	119	375	<0.01	0.6	306
M389428		2.85	8.99	0.23	2.0	0.09	0.031	0.95	25.8	12.0	0.19	91	84.0	0.01	7.3	545
M389429		1.90	8.07	0.20	1.7	0.11	0.039	1.12	27.5	7.6	0.16	39	9.32	0.04	7.3	84.8
M389430		1.14	5.52	0.10	1.0	0.1	0.041	0.68	11.9	7.9	0.17	41	5.22	0.03	3.3	4.0
M389431		3.59	8.75	0.20	1.4	0.2	0.041	0.85	24.8	14.5	0.24	274	28.2	0.12	5.2	181.0
M389432		1.44	0.60	0.10	0.2	0.1	<0.005	0.05	5.2	1.2	0.13	283	10.15	0.01	0.5	135.0
M389433		0.36	0.51	0.05	0.1	<0.1	0.006	0.05	5.1	1.0	0.48	212	14.20	0.01	0.5	12.4
M389434		0.12	0.67	0.05	0.1	<0.1	<0.005	0.06	8.8	1.0	1.80	110	4.55	0.01	0.5	9.6
M389435		1.18	3.94	0.14	0.5	0.07	0.046	0.32	6.9	33.6	0.08	59	30.2	<0.01	1.6	11.9
M389436		0.81	4.18	0.08	0.7	0.05	0.019	0.46	7.3	7.2	0.11	73	8.17	0.02	2.0	22.7
M389437		0.69	3.62	0.07	0.6	0.04	0.014	0.43	6.2	5.3	0.11	62	6.95	0.02	1.6	18.6
M389438		0.95	2.21	0.06	0.4	0.04	0.016	0.23	4.7	4.4	0.06	74	5.23	0.02	1.2	12.3
M389439		3.04	11.90	0.16	1.7	0.16	0.049	0.97	25.6	27.7	0.46	502	9.37	0.26	7.7	40.0
M389440		0.76	6.33	0.11	0.9	0.13	0.023	0.63	11.6	10.3	0.15	47	4.51	0.03	3.2	17.5
M389441		1.37	6.32	0.11	1.0	0.06	0.020	0.60	12.2	13.1	0.18	96	5.64	0.05	3.4	18.9
M389442		0.89	2.93	0.09	0.5	0.06	0.009	0.36	3.4	8.4	0.08	72	3.91	0.02	1.5	11.9
M389443		1.56	1.77	0.08	0.3	0.03	0.013	0.16	4.3	6.4	0.04	132	13.30	0.02	1.0	36.6
M389444		1.37	6.71	0.14	1.1	0.08	0.027	0.68	12.4	13.9	0.18	66	7.65	0.03	3.8	18.8
M389445		0.75	3.63	0.09	0.5	0.06	0.012	0.34	4.6	6.9	0.08	70	4.39	0.02	1.5	14.1
M389446		1.33	2.43	0.09	0.2	0.03	0.016	0.19	5.3	5.5	0.05	154	3.45	0.02	1.0	16.9
M389447		2.60	9.68	0.16	1.3	0.1	0.039	0.82	23.7	20.5	0.47	541	6.75	0.26	6.4	39.9
M389448		0.76	2.37	0.06	0.4	<0.1	0.011	0.23	8.0	5.7	0.19	264	2.13	0.06	1.8	12.5
M389449		1.76	3.72	0.08	0.5	<0.1	0.027	0.19	9.2	5.1	0.27	211	18.10	0.08	1.7	95.9
M389450		4.59	3.92	0.15	0.6	0.11	0.065	0.36	10.9	5.5	0.31	149	53.2	0.05	1.7	103.0
Q005501		11.85	4.42	0.26	0.7	0.1	0.093	0.17	4.5	5.1	0.09	143	126.5	0.04	1.2	274
Q005502		0.31	0.86	0.07	0.2	<0.1	0.007	0.06	4.0	1.5	0.79	87	6.25	0.03	0.7	23.1
Q005503		0.22	0.66	0.05	0.1	0.2	0.005	0.05	5.7	1.0	0.19	207	3.70	0.02	0.4	12.1
Q005504		4.16	10.85	0.16	1.5	0.2	0.074	0.93	22.0	20.6	0.60	361	38.6	0.41	7.5	155.0
Q005505		3.58	10.30	0.15	1.5	0.1	0.053	0.93	25.3	20.1	0.87	462	26.2	0.42	7.4	116.0
Q005506		3.08	9.78	0.13	1.4	0.1	0.053	0.84	22.6	21.3	1.01	431	20.9	0.45	7.1	104.5
M389118		4.53	24.2	0.19	3.4	0.1	0.071	3.14	35.4	139.5	0.68	643	0.41	0.06	14.3	51.8
M389119		4.50	20.9	0.16	3.1	<0.1	0.064	2.76	36.2	127.0	0.74	739	0.50	0.06	13.6	54.9
M389120		3.63	19.25	0.16	2.9	0.4	0.052	2.91	41.6	101.5	1.84	944	0.27	0.05	13.5	48.9
M389121		4.46	21.0	0.18	3.5	0.03	0.070	3.21	45.1	128.0	0.59	474	0.32	0.06	11.8	41.7
M389122		1.57	27.1	0.18	3.9	0.40	0.046	4.52	55.6	183.5	0.50	38	0.26	0.11	15.2	6.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Method / Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M389422	3570	6.8	29.2	0.024	0.22	23.4	3.7	9	0.8	88.1	0.13	0.08	1.8	0.069	0.33
M389423	810	2.2	6.1	0.013	0.09	1.06	1.8	3	<0.2	198.5	<0.05	0.05	0.8	0.021	0.27
M389424	2890	8.8	42.8	0.013	0.14	3.81	6.5	8	0.8	224	0.34	0.16	4.2	0.151	1.79
M389425	260	0.9	1.3	0.002	0.01	0.73	0.7	1	<0.2	212	<0.05	<0.05	0.3	<0.005	0.15
M389426	620	3.3	1.5	0.017	0.11	8.09	0.3	39	0.2	69.1	<0.05	0.23	0.2	0.008	0.70
M389427	780	13.0	3.0	0.071	0.08	60.7	0.4	45	0.5	24.1	<0.05	0.56	0.4	0.016	2.92
M389428	5750	19.8	49.8	0.005	0.03	6.65	9.2	15	1.0	297	0.44	0.44	4.1	0.175	3.48
M389429	1100	12.8	51.2	0.053	0.04	3.30	6.2	19	1.0	52.4	0.45	0.25	5.1	0.208	0.55
M389430	2620	6.3	46.2	0.043	0.11	1.91	4.7	6	0.7	103.5	0.18	0.19	2.5	0.097	0.37
M389431	4760	10.9	50.3	0.011	0.12	6.87	7.9	11	1.1	329	0.35	0.14	4.6	0.162	1.26
M389432	780	1.2	2.6	<0.002	0.04	1.89	1.4	3	<0.2	327	<0.05	<0.05	0.3	0.008	0.22
M389433	270	1.9	2.7	0.005	0.09	0.90	0.8	1	<0.2	187.5	<0.05	0.06	0.4	0.007	0.03
M389434	1660	1.0	3.3	0.022	0.06	0.16	1.5	3	<0.2	755	<0.05	<0.05	0.4	0.011	0.09
M389435	2510	6.7	21.0	0.014	0.16	12.45	4.5	19	0.6	375	0.10	0.07	2.0	0.054	2.52
M389436	270	4.9	29.2	0.033	0.19	2.45	2.8	7	0.6	41.6	0.14	<0.05	1.6	0.066	0.91
M389437	190	4.7	26.4	0.029	0.21	2.63	2.8	3	0.5	26.7	0.11	<0.05	1.6	0.058	0.84
M389438	680	3.2	13.8	0.008	0.13	8.81	1.7	6	0.4	41.4	0.06	<0.05	0.8	0.036	0.20
M389439	5850	15.0	55.7	0.006	0.15	6.94	8.5	11	1.4	176.0	0.53	0.15	6.8	0.244	1.13
M389440	870	11.5	41.1	0.017	0.21	5.21	4.1	15	0.7	90.9	0.20	0.08	2.6	0.108	1.28
M389441	2500	7.8	36.4	0.016	0.17	5.74	4.1	9	0.7	114.5	0.23	0.08	2.9	0.113	0.70
M389442	510	4.0	20.1	0.022	0.15	4.22	1.9	10	0.4	57.3	0.10	0.06	0.9	0.058	0.86
M389443	2690	1.7	8.3	0.013	0.11	10.75	2.4	6	0.4	51.8	0.07	0.08	0.9	0.034	0.28
M389444	3660	8.8	42.1	0.019	0.23	6.71	4.9	16	0.8	133.5	0.25	0.08	3.5	0.119	1.23
M389445	610	6.3	22.0	0.020	0.15	3.61	2.1	12	0.4	54.6	0.10	0.05	1.2	0.052	0.67
M389446	5130	2.4	12.3	0.007	0.11	5.27	2.5	9	0.5	196.0	<0.05	<0.05	1.1	0.040	0.16
M389447	9600	10.6	46.1	0.002	0.15	1.41	8.8	6	1.1	252	0.43	0.09	5.2	0.209	0.58
M389448	2510	3.2	13.2	0.002	0.13	0.52	2.4	3	0.3	153.0	0.09	0.05	1.3	0.050	0.18
M389449	640	5.3	11.6	0.005	0.08	1.84	2.3	2	0.3	984	0.10	0.13	1.1	0.048	0.49
M389450	5970	6.9	21.0	0.011	0.11	4.47	3.8	5	0.6	976	0.10	0.32	1.2	0.046	2.69
Q005501	930	5.8	10.7	0.024	0.14	9.08	8.2	7	0.7	400	0.05	0.53	1.1	0.030	1.06
Q005502	8120	1.5	3.7	0.002	0.06	0.43	2.1	2	<0.2	989	<0.05	0.05	0.6	0.015	0.15
Q005503	360	1.0	2.8	0.006	0.04	0.58	3.0	2	<0.2	241	<0.05	<0.05	0.4	0.007	0.14
Q005504	2600	18.8	51.8	0.010	0.11	4.87	9.3	5	1.3	670	0.50	0.37	4.8	0.240	1.58
Q005505	7900	14.8	51.0	0.008	0.08	3.37	8.7	4	1.3	620	0.48	0.20	5.3	0.233	1.21
Q005506	3660	13.3	47.5	0.005	0.08	2.92	9.5	4	1.2	672	0.47	0.21	5.1	0.231	1.05
M389118	580	33.8	116.0	<0.002	0.01	6.33	15.0	1	2.8	127.5	1.07	0.07	14.3	0.409	0.99
M389119	590	59.0	108.5	<0.002	<0.01	5.59	14.3	1	2.5	149.0	0.92	<0.05	13.5	0.371	0.76
M389120	680	9.6	120.0	<0.002	<0.01	6.36	12.3	1	2.5	112.5	0.94	<0.05	14.5	0.361	2.79
M389121	510	45.5	158.5	<0.002	<0.01	2.75	17.6	2	2.3	98.2	0.81	0.09	14.7	0.416	0.75
M389122	410	36.7	200	<0.002	0.23	0.74	13.7	1	2.9	224	1.07	0.08	15.9	0.520	2.23

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
M389422		10.8	751	0.4	11.2	132	25.7	
M389423		10.7	51	0.2	18.9	278	9.4	
M389424		10.0	223	0.8	29.8	739	48.5	
M389425		4.3	26	0.1	15.5	272	3.1	
M389426		2.1	160	0.3	1.4	652	3.3	
M389427		3.2	195	1.6	2.3	864	6.9	
M389428		14.8	226	1.2	67.3	1500	71.8	
M389429		3.6	229	0.7	14.4	561	59.7	
M389430		2.1	160	0.4	8.7	17	48.8	
M389431		13.6	499	0.8	43.4	1310	50.3	
M389432		7.0	49	0.1	53.0	1580	9.2	
M389433		7.1	23	0.1	8.4	53	4.3	
M389434		9.2	42	<0.1	8.3	78	5.5	
M389435		10.4	580	0.5	14.8	58	20.0	
M389436		4.9	864	0.3	5.0	18	23.5	
M389437		5.5	974	0.2	5.6	8	20.7	
M389438		4.7	137	0.3	4.6	45	14.0	
M389439		8.6	743	1.0	24.6	88	60.7	
M389440		7.9	1620	0.4	10.2	8	34.1	
M389441		7.3	787	0.4	13.6	26	35.3	
M389442		6.4	1020	0.3	3.7	5	16.1	
M389443		4.1	219	0.2	8.8	144	10.8	
M389444		9.4	1030	0.5	16.4	55	35.3	
M389445		5.5	737	0.2	5.3	11	18.3	
M389446		6.9	184	0.3	15.8	22	4.7	
M389447		9.4	162	0.8	35.7	146	47.3	
M389448		3.7	50	0.2	13.2	49	15.5	
M389449		5.4	80	0.2	15.5	309	23.9	
M389450		8.5	270	0.3	33.5	281	34.9	
Q005501		4.1	379	0.2	34.3	1980	39.1	
Q005502		7.5	49	0.1	31.1	69	11.5	
Q005503		2.8	36	<0.1	16.6	97	3.1	
Q005504		6.7	370	0.9	29.0	368	58.0	
Q005505		10.0	320	0.8	42.1	298	54.8	
Q005506		7.1	256	0.8	36.1	265	55.9	
M389118		3.1	84	1.6	20.8	110	116.5	
M389119		3.0	72	1.3	19.2	114	103.0	
M389120		2.8	61	1.5	20.7	109	99.7	
M389121		4.3	96	1.5	22.5	105	115.5	
M389122		2.7	106	1.8	18.6	14	128.0	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M389123		0.57	<0.01	0.03	9.22	47.0	680	1.69	0.31	0.24	<0.02	92.5	1.6	64	21.5	2.8
N830808		0.40	0.21	0.09	8.72	1320	390	2.78	0.28	1.45	0.07	87.6	16.5	76	18.50	34.4
N830809		0.45	0.09	0.09	9.18	1245	440	2.91	0.35	0.59	0.03	90.9	18.5	74	22.8	85.2
N830810		0.38	0.12	0.08	8.42	1215	410	2.78	0.31	0.56	0.03	87.5	19.2	67	19.65	80.6
N830811		0.36	0.18	0.10	8.87	1185	420	2.83	0.34	0.59	0.04	91.3	20.7	70	18.75	78.8
N830812		0.46	0.38	0.25	6.69	1040	460	2.26	0.29	4.47	0.29	75.6	19.8	65	10.45	57.4
N830813		0.45	0.15	0.15	6.86	644	380	2.60	0.22	1.16	0.59	95.9	13.6	73	9.35	41.3
N830814		0.46	0.02	0.08	6.79	406	350	2.31	0.33	3.14	0.20	66.4	18.6	73	9.32	39.4
N830815		1.05	0.05	0.06	8.71	1030	420	2.99	0.34	0.70	0.02	91.2	18.5	69	24.9	79.6
N830816		0.59	0.02	0.03	8.78	928	400	3.20	0.27	0.60	0.02	89.6	22.2	73	24.2	34.6
N830817		0.24	0.05	0.03	8.92	1565	380	2.75	0.35	1.20	0.03	93.1	19.1	74	22.7	86.9
N830818		0.39	0.09	0.04	8.20	1440	340	2.45	0.40	3.09	0.09	80.5	15.4	110	19.20	40.9
N830819		0.47	3.95	0.82	5.09	3400	390	1.55	0.14	12.80	0.36	55.1	8.7	53	7.80	28.5

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

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Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M389123		1.09	23.7	0.17	3.5	0.42	0.050	3.85	51.2	107.0	0.45	36	0.22	0.09	14.3	5.2
N830808		4.58	23.0	0.17	3.4	0.34	0.070	3.44	47.5	120.0	0.83	351	0.42	0.09	13.7	46.9
N830809		4.98	22.2	0.17	3.6	0.1	0.075	3.57	48.2	125.5	0.67	305	0.39	0.08	12.7	41.5
N830810		4.37	21.9	0.15	3.4	0.1	0.068	3.43	47.1	135.0	0.60	323	0.33	0.07	12.5	39.5
N830811		4.35	22.9	0.17	3.5	0.2	0.077	3.65	49.8	143.0	0.59	418	0.34	0.09	12.7	41.4
N830812		3.54	17.35	0.15	3.1	0.6	0.056	2.52	40.9	108.0	0.64	712	1.24	0.19	12.1	40.0
N830813		3.66	17.10	0.17	3.5	0.3	0.053	2.25	53.4	115.5	0.70	903	0.77	0.23	11.4	38.4
N830814		3.61	18.95	0.15	3.2	0.07	0.052	2.73	34.4	140.0	0.73	752	0.53	0.14	12.9	47.4
N830815		4.14	22.4	0.16	3.6	0.05	0.064	3.49	49.1	116.5	0.66	367	0.39	0.06	12.7	39.7
N830816		4.43	23.1	0.16	3.7	0.02	0.073	3.53	48.4	115.0	0.64	278	0.25	0.07	13.0	41.9
N830817		4.70	22.6	0.18	3.4	0.04	0.071	3.55	50.5	128.0	0.67	547	0.42	0.07	13.7	46.9
N830818		4.43	21.2	0.17	2.9	0.11	0.059	3.17	43.7	115.5	1.11	800	0.33	0.05	13.9	58.3
N830819		2.48	12.50	0.12	2.7	4.94	0.036	2.15	30.3	54.8	0.94	492	0.79	0.17	8.3	23.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M389123		580	18.0	173.5	<0.002	0.15	0.38	13.1	1	2.7	305	0.97	0.05	14.6	0.479	1.77
N830808		570	14.2	158.5	<0.002	<0.01	4.78	17.2	1	2.5	143.0	0.96	0.05	15.8	0.431	1.89
N830809		710	27.5	168.0	<0.002	0.01	4.18	18.3	2	2.5	116.5	0.88	0.10	15.2	0.460	1.31
N830810		510	14.3	163.5	<0.002	<0.01	5.85	17.5	1	2.4	117.0	0.85	0.11	15.0	0.431	1.31
N830811		550	17.9	169.0	<0.002	<0.01	3.90	18.3	1	2.5	123.0	0.87	0.07	15.7	0.437	1.76
N830812		770	25.2	120.0	<0.002	0.01	4.47	12.5	2	2.1	267	0.81	<0.05	13.8	0.358	3.55
N830813		780	26.1	116.5	<0.002	0.02	2.49	12.5	2	2.0	171.0	0.79	<0.05	14.8	0.331	1.63
N830814		710	19.5	108.5	<0.002	0.01	1.33	13.1	2	2.3	184.5	0.89	<0.05	13.3	0.365	0.91
N830815		520	16.7	171.0	<0.002	<0.01	3.72	17.5	1	2.5	108.0	0.89	0.06	15.9	0.433	1.00
N830816		450	13.6	176.0	<0.002	<0.01	3.31	18.6	1	2.5	103.0	0.90	0.05	15.7	0.462	0.93
N830817		420	24.5	168.0	<0.002	<0.01	7.10	18.2	2	2.6	125.5	0.94	0.08	16.4	0.448	0.97
N830818		520	24.3	130.0	<0.002	<0.01	6.57	13.5	1	2.4	104.0	0.97	<0.05	15.7	0.365	1.10
N830819		740	15.6	94.4	<0.002	0.02	14.80	8.0	1	1.6	645	0.59	<0.05	10.9	0.264	22.2

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
M389123		2.0	91	2.3	16.4	11	115.0	
N830808		3.6	99	1.6	21.5	109	113.0	
N830809		3.8	115	1.6	23.4	115	118.0	
N830810		3.1	102	1.6	21.2	102	112.0	
N830811		3.3	106	1.6	21.4	105	113.5	
N830812		5.8	89	1.5	22.8	102	106.5	
N830813		8.4	98	1.4	30.0	132	117.0	
N830814		4.0	83	1.3	20.2	108	107.5	
N830815		3.9	102	1.6	22.0	100	118.0	
N830816		3.1	102	1.6	21.9	102	121.0	
N830817		3.3	105	1.5	21.1	113	113.0	
N830818		2.7	63	1.3	20.0	114	97.4	
N830819		9.7	84	1.7	17.5	88	88.9	

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 14- JUL- 2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118111

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP- MS Cd,ICP- AES results shown.
Applies to Method: ME- MS61

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au- AA26	Hg- CV41	ME- MS61	ME- OG62
	Zn- OG62			

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

CERTIFICATE WH13121800

Project: Nadaleen
P.O. No.: R13-10
This report is for 68 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121800

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005574		0.28	<0.01	0.12	5.23	7.3	390	1.26	0.07	3.97	0.79	80.6	34.7	504	1.71	19.3
Q005575		0.24	<0.01	0.08	3.38	4.4	310	0.92	0.05	1.70	0.57	35.5	16.0	217	1.26	11.6
Q005576		0.20	<0.01	0.26	7.78	30.1	1700	2.43	0.16	0.23	1.03	83.5	15.7	97	7.59	50.6
Q005577		0.14	<0.01	0.07	0.24	<5	920	0.14	0.03	36.0	0.62	4.87	2.1	11	0.22	2.7
Q005578		0.13	<0.01	0.08	6.39	8.4	440	1.29	0.06	0.67	1.89	105.5	54.8	988	1.25	24.2
Q005579		0.04	<0.01	0.10	1.48	224	810	3.27	0.03	0.33	21.6	5.53	15.8	55	0.21	494
Q005580		0.10	<0.01	0.12	1.38	<5	540	0.54	0.04	10.70	1.41	17.80	4.0	28	0.69	26.8
Q005581		0.28	0.01	0.09	2.23	6	620	0.92	0.08	10.40	0.42	26.5	7.0	25	2.53	61.3
Q005582		0.19	0.01	0.10	2.49	2.9	680	1.04	0.09	6.36	0.65	30.7	7.6	29	2.84	63.4
Q005583		0.22	<0.01	0.08	1.31	<5	700	0.68	0.04	25.7	0.31	19.10	3.0	19	1.42	23.3
Q005584		0.38	<0.01	0.07	4.52	7.3	1050	0.96	0.05	8.52	0.20	99.3	21.4	602	4.67	20.7
Q005585		0.25	<0.01	0.15	4.02	8	750	0.78	0.07	11.40	0.11	84.1	26.3	221	4.61	27.2
Q005586		0.25	0.01	0.89	3.89	17.0	1030	1.55	0.13	1.57	2.30	48.9	10.1	72	4.99	142.0
Q005587		0.18	<0.01	0.06	0.71	3.1	270	0.36	0.06	7.69	0.21	17.25	5.4	23	0.83	44.1
Q005588		0.29	<0.01	0.07	1.98	8	810	0.99	0.07	15.20	0.22	27.5	5.0	19	1.53	22.9
Q005589		0.37	<0.01	0.04	1.71	<5	1210	0.75	0.05	18.30	0.13	24.5	3.6	16	1.06	18.6
Q005590		0.17	<0.01	0.05	3.16	<5	240	0.66	0.04	12.95	0.10	91.1	12.1	135	2.84	15.5
Q005591		0.36	<0.01	0.02	1.03	<5	360	0.25	0.04	19.90	0.04	13.55	4.5	20	0.97	17.1
Q005592		0.14	<0.01	0.02	2.08	28	5090	0.54	0.02	19.25	0.06	36.7	6.3	90	0.69	10.2
Q005593		0.19	<0.01	0.19	1.00	3.5	1020	0.45	0.07	0.49	0.12	15.75	0.7	34	1.36	9.9
Q005594		0.17	<0.01	0.46	1.24	30.2	1180	1.12	0.05	0.22	1.52	9.92	0.9	62	2.83	79.0
Q005595		0.31	<0.01	0.20	1.56	202	1040	1.56	0.06	0.03	2.94	11.15	1.2	41	3.02	83.3
Q005596		0.32	<0.01	0.25	3.23	266	2880	3.06	0.13	0.05	3.00	44.1	2.5	77	5.91	187.0
Q005597		0.13	<0.01	0.74	3.65	139.5	520	2.82	0.64	0.04	7.17	85.4	1.4	104	3.06	149.0
Q005598		0.16	<0.01	3.12	1.92	9.4	1740	0.84	0.06	0.04	0.91	15.95	0.6	154	1.99	30.5
Q005599		0.35	<0.01	0.35	3.83	88.5	5420	2.71	0.10	0.07	14.35	28.5	32.7	80	3.48	223
Q005600		0.46	<0.01	0.55	11.05	187.5	4150	15.60	0.31	1.00	7.71	40.7	2.2	265	1.40	234
Q005601		0.50	<0.01	0.66	0.88	6.7	2350	0.29	0.10	0.02	0.10	10.45	0.3	23	1.11	2.9
Q005602		0.20	<0.01	0.18	0.70	<5	3050	1.15	0.04	25.5	1.86	49.9	0.6	27	0.20	14.1
Q005603		0.15	<0.01	1.33	1.72	13.5	900	0.45	0.10	0.12	1.23	8.69	0.2	63	1.27	47.2
Q005604		0.20	<0.01	0.69	3.31	26.1	6740	1.38	0.09	0.25	6.05	21.0	1.9	43	1.82	136.5
Q005605		0.09	<0.01	0.38	2.02	182.5	2360	6.09	0.10	0.59	10.50	9.24	7.4	156	0.58	206
Q005606		0.39	<0.01	0.04	0.30	96.5	1400	0.11	0.04	1.22	0.21	4.18	1.3	21	1.54	3.1
Q005607		0.33	<0.01	0.05	0.18	78.6	360	0.09	0.05	0.03	0.06	3.02	0.2	26	0.59	1.7
Q005608		0.29	<0.01	0.45	0.37	477	380	0.06	0.04	0.03	0.12	3.81	0.3	40	0.34	4.4
Q005609		0.20	<0.01	0.31	0.43	500	440	0.09	0.04	0.04	0.09	4.99	0.3	60	0.59	3.2
Q005610		0.39	<0.01	0.29	6.69	210	810	1.74	0.27	1.31	0.72	71.2	21.2	80	7.46	76.3
Q005611		0.29	<0.01	0.20	0.63	100.0	180	0.21	0.05	0.29	0.22	6.08	2.0	21	1.15	5.6
Q005612		0.34	<0.01	0.04	0.09	30.7	100	0.11	0.03	0.03	0.03	0.70	0.2	7	0.23	0.8
Q005613		0.19	<0.01	0.02	0.04	23.8	100	<0.05	0.02	0.04	<0.02	0.39	0.2	19	0.09	0.3

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121800

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q005574		5.59	15.80	0.16	3.9	0.01	0.057	0.69	38.0	73.0	3.39	1980	1.18	0.95	29.5	120.0
Q005575		3.45	9.80	0.08	2.1	<0.01	0.023	0.55	17.7	39.8	1.96	924	0.85	0.63	14.5	60.3
Q005576		6.09	21.9	0.15	6.1	0.03	0.065	2.77	47.2	47.5	1.62	159	12.75	0.82	49.5	39.9
Q005577		0.19	0.68	0.09	0.1	<0.01	<0.005	0.07	7.1	2.0	0.78	281	0.66	0.02	1.0	5.5
Q005578		7.97	20.4	0.18	5.9	0.07	0.080	0.34	48.3	101.0	4.12	3700	0.86	1.37	46.3	163.5
Q005579		43.7	1.95	0.22	0.4	0.31	0.048	0.06	4.7	2.2	0.13	400	63.8	0.03	0.7	247
Q005580		2.19	3.18	<0.05	0.8	0.05	0.007	0.47	10.3	12.5	3.33	583	0.98	0.02	5.4	12.2
Q005581		1.22	6.30	0.07	1.3	0.05	0.013	1.18	16.5	14.6	0.99	1140	0.99	0.06	9.5	16.3
Q005582		1.20	7.10	0.09	1.5	0.06	0.011	1.32	19.1	16.5	0.93	823	1.08	0.05	10.1	19.1
Q005583		1.92	3.42	0.07	0.7	0.08	<0.005	0.69	12.6	10.5	1.16	1420	2.13	0.06	5.3	8.5
Q005584		3.64	9.61	0.18	3.4	0.04	0.038	1.75	47.8	64.4	0.57	483	1.32	0.97	47.7	54.4
Q005585		5.12	9.65	0.13	3.2	0.05	0.028	1.37	42.3	34.8	0.84	619	2.60	0.96	43.9	60.6
Q005586		2.58	11.20	0.13	2.5	0.23	0.031	1.72	29.2	30.6	0.55	810	6.30	0.16	19.6	41.8
Q005587		0.86	2.35	0.07	0.2	0.08	<0.005	0.38	10.0	6.9	0.28	366	0.37	0.01	2.9	10.6
Q005588		2.26	5.68	0.09	1.2	0.08	0.012	1.12	16.6	14.0	6.91	871	0.68	0.01	8.6	9.2
Q005589		1.79	4.49	0.09	0.9	0.13	0.006	0.74	14.3	24.6	3.85	801	0.50	0.01	5.4	9.5
Q005590		3.22	7.40	0.15	2.2	0.14	0.021	0.59	43.9	35.9	0.88	744	0.72	0.89	32.4	35.8
Q005591		1.81	4.26	0.05	0.6	0.01	<0.005	0.45	7.7	4.3	1.26	721	0.15	0.02	2.9	10.8
Q005592		4.33	4.52	0.09	1.3	0.17	0.007	0.36	18.4	17.0	3.14	803	0.42	0.02	17.6	17.2
Q005593		0.89	4.08	0.05	0.8	0.08	<0.005	0.33	8.0	4.9	0.08	69	0.59	0.02	3.5	4.1
Q005594		2.10	3.82	0.06	0.5	0.06	0.025	0.40	5.5	10.2	0.10	93	15.65	0.01	1.5	15.3
Q005595		9.38	4.80	0.07	0.7	0.07	0.088	0.46	5.9	11.4	0.10	36	174.5	0.01	1.4	45.2
Q005596		15.20	11.10	0.15	1.2	0.13	0.189	1.05	21.9	9.8	0.21	40	104.0	0.02	3.3	34.9
Q005597		9.86	11.85	0.16	1.1	0.36	0.259	1.26	44.2	7.7	0.25	38	51.0	0.02	5.5	19.0
Q005598		1.72	4.79	0.07	0.7	0.06	0.016	0.73	13.2	4.4	0.11	80	6.33	0.01	2.0	12.9
Q005599		10.45	5.96	0.12	1.2	0.04	0.027	0.82	21.8	9.9	0.15	131	8.63	0.02	4.0	425
Q005600		3.85	8.05	0.30	1.2	0.29	0.256	0.68	25.3	6.8	0.12	8	40.0	<0.01	2.9	209
Q005601		0.32	2.82	0.10	0.4	0.02	<0.005	0.28	10.6	3.8	0.07	<5	2.44	0.01	2.0	4.9
Q005602		1.55	1.60	0.30	0.1	0.01	<0.005	0.04	38.3	4.7	0.01	11	7.13	<0.01	0.1	3.9
Q005603		1.03	5.37	0.17	0.6	0.09	0.017	0.28	5.0	18.2	0.06	22	10.10	0.01	2.4	15.1
Q005604		2.98	3.92	0.18	0.8	0.11	0.011	0.44	10.3	9.3	0.11	17	24.1	<0.01	2.8	155.5
Q005605		17.55	3.67	0.18	0.4	0.04	0.166	0.11	18.8	3.8	0.03	78	104.5	0.01	0.6	302
Q005606		0.60	0.79	0.06	0.1	0.03	<0.005	0.07	5.1	3.0	0.04	80	0.92	0.03	0.5	5.9
Q005607		0.35	0.43	0.07	0.1	1.63	<0.005	0.04	4.2	4.8	0.01	25	1.05	<0.01	0.4	3.4
Q005608		0.46	1.12	0.09	0.2	3.76	<0.005	0.11	3.3	1.5	0.01	35	0.44	<0.01	0.5	1.7
Q005609		0.40	1.28	0.08	0.2	1.44	<0.005	0.13	4.0	1.9	0.02	33	0.52	0.01	0.7	2.5
Q005610		4.92	19.10	0.22	2.7	0.57	0.056	1.91	40.6	58.8	1.53	685	2.11	0.48	10.5	51.9
Q005611		0.59	1.49	0.12	0.2	0.51	<0.005	0.17	5.5	3.8	0.06	141	1.92	0.02	0.8	11.9
Q005612		0.18	5.25	0.09	<0.1	0.07	<0.005	0.02	0.8	27.8	0.01	18	0.17	<0.01	0.1	1.1
Q005613		0.21	1.56	0.08	<0.1	0.07	<0.005	0.02	0.5	14.6	<0.01	21	0.21	<0.01	0.1	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121800

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005574		1340	12.3	34.4	<0.002	0.02	0.97	31.5	2	1.6	104.0	1.76	<0.05	6.1	1.305	0.19
Q005575		730	8.2	27.3	<0.002	0.02	0.69	14.1	1	1.1	142.0	0.87	<0.05	3.9	0.555	0.16
Q005576		1670	23.2	118.0	0.012	0.07	3.01	18.8	4	2.4	49.6	2.84	<0.05	11.2	1.275	0.81
Q005577		770	1.7	3.0	0.003	0.03	0.19	1.3	1	<0.2	181.5	0.05	<0.05	0.5	0.027	0.06
Q005578		1970	9.7	16.8	<0.002	0.01	0.97	48.0	2	2.0	42.4	2.80	<0.05	7.1	2.01	0.15
Q005579		6940	4.0	3.1	<0.002	0.14	9.52	6.6	5	0.3	18.2	0.05	<0.05	1.0	0.042	0.20
Q005580		430	2.8	15.8	<0.002	0.04	0.74	3.6	1	0.4	266	0.34	<0.05	2.1	0.108	0.09
Q005581		800	4.5	42.3	0.002	0.15	0.76	4.9	1	0.7	226	0.59	0.05	3.6	0.181	0.20
Q005582		1370	5.3	47.9	0.003	0.15	0.76	4.7	1	0.7	137.5	0.63	<0.05	3.9	0.194	0.22
Q005583		430	3.8	24.2	<0.002	0.15	0.58	3.3	2	0.4	646	0.32	<0.05	2.0	0.109	0.12
Q005584		2490	12.0	47.9	<0.002	0.76	0.73	15.6	2	1.3	168.0	2.63	<0.05	7.2	0.862	0.22
Q005585		2260	14.5	40.3	<0.002	2.46	0.78	12.9	2	1.1	224	2.33	<0.05	6.3	0.821	0.17
Q005586		5650	13.3	65.6	0.013	0.07	4.02	7.7	5	1.3	91.3	1.18	0.12	6.5	0.319	0.50
Q005587		1570	3.1	13.1	0.002	0.07	0.62	2.0	1	0.3	214	0.12	<0.05	1.1	0.064	0.05
Q005588		400	5.7	37.7	<0.002	0.27	0.63	4.4	2	0.6	269	0.56	<0.05	3.5	0.165	0.15
Q005589		330	3.7	28.1	<0.002	0.10	0.32	4.0	1	0.4	737	0.32	<0.05	2.8	0.115	0.09
Q005590		2120	6.5	23.0	<0.002	0.38	0.41	9.6	2	0.8	229	1.71	<0.05	5.1	0.533	0.11
Q005591		280	1.2	13.2	<0.002	0.13	0.13	9.5	1	0.4	408	0.18	<0.05	1.3	0.083	0.05
Q005592		2670	4.2	12.1	<0.002	0.04	0.65	6.7	2	0.6	784	0.90	<0.05	2.9	0.306	0.04
Q005593		180	5.9	16.2	0.003	0.06	0.77	1.8	1	0.5	118.0	0.20	0.05	1.9	0.086	2.40
Q005594		570	3.9	24.7	0.020	0.11	13.70	4.9	4	0.4	54.3	0.11	<0.05	1.9	0.055	0.94
Q005595		2430	4.9	28.5	0.009	0.06	13.30	5.3	9	0.6	33.2	0.10	0.10	2.6	0.054	0.67
Q005596		6810	10.5	60.8	0.003	0.35	13.20	15.8	15	1.1	365	0.22	0.17	5.4	0.127	2.79
Q005597		>10000	34.8	77.7	0.004	0.47	22.5	21.8	10	1.4	310	0.28	5.66	7.8	0.152	1.39
Q005598		1170	4.8	36.5	0.008	0.43	2.13	3.1	18	0.6	149.5	0.19	0.09	2.6	0.075	0.54
Q005599		3850	6.3	42.3	0.005	0.15	4.73	9.4	6	0.6	279	0.26	0.06	3.6	0.126	0.31
Q005600		>10000	9.7	31.8	0.116	0.56	22.5	18.3	48	2.5	813	0.19	0.29	4.6	0.097	2.73
Q005601		740	2.9	19.7	0.017	0.05	0.89	1.6	5	0.2	428	0.09	0.23	1.5	0.054	0.14
Q005602		>10000	1.7	3.0	0.070	0.07	1.60	31.8	34	<0.2	1420	<0.05	<0.05	2.4	0.006	0.19
Q005603		2720	4.0	16.4	0.059	0.21	3.89	3.6	6	0.8	76.8	0.16	0.08	1.8	0.078	4.32
Q005604		5740	4.0	27.6	0.094	0.14	11.05	6.9	10	0.3	259	0.20	0.06	2.9	0.085	1.04
Q005605		>10000	3.7	6.0	0.003	0.07	15.30	19.4	13	0.6	153.0	<0.05	0.28	1.4	0.021	0.42
Q005606		380	1.4	4.3	<0.002	0.05	0.23	0.6	1	<0.2	56.3	<0.05	<0.05	0.5	0.017	0.07
Q005607		120	3.5	2.0	<0.002	0.01	0.26	0.3	<1	<0.2	19.7	<0.05	<0.05	0.3	0.013	0.09
Q005608		110	9.6	4.9	<0.002	0.04	0.48	0.3	1	0.2	52.6	<0.05	<0.05	0.5	0.017	0.89
Q005609		80	4.1	6.1	<0.002	0.02	0.32	0.6	1	0.2	28.1	<0.05	<0.05	0.5	0.021	0.15
Q005610		940	18.8	102.5	0.002	0.02	1.04	19.2	2	2.0	96.2	0.73	0.10	9.8	0.451	0.97
Q005611		1060	7.8	8.3	0.003	0.01	0.44	1.3	2	0.2	14.4	0.05	<0.05	0.9	0.032	0.22
Q005612		30	0.6	1.1	<0.002	0.02	0.19	0.3	1	<0.2	3.8	<0.05	<0.05	<0.2	0.005	0.21
Q005613		20	<0.5	1.2	<0.002	0.03	0.12	0.1	<1	<0.2	4.2	<0.05	<0.05	<0.2	<0.005	0.05

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121800

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
Q005574		2.1	250	0.8	28.0	188	141.5	
Q005575		1.5	135	0.4	14.4	142	80.0	
Q005576		10.1	306	1.2	25.0	183	243	
Q005577		7.9	31	<0.1	10.2	41	6.5	
Q005578		2.2	363	1.0	34.0	145	217	
Q005579		30.8	1380	0.2	20.5	2040	26.7	
Q005580		1.3	44	0.6	13.6	98	34.4	
Q005581		1.9	59	1.0	18.6	58	50.1	
Q005582		2.3	71	0.9	19.9	65	52.2	
Q005583		1.3	33	0.7	14.2	33	31.1	
Q005584		2.6	134	1.0	24.6	52	149.0	
Q005585		2.8	128	0.8	23.7	72	136.5	
Q005586		8.6	338	1.2	34.6	185	104.0	
Q005587		1.8	39	0.3	16.4	19	11.3	
Q005588		2.0	32	0.9	17.1	39	45.0	
Q005589		1.3	30	0.5	13.9	27	40.1	
Q005590		1.9	73	0.8	23.6	56	99.8	
Q005591		0.7	40	0.3	12.7	18	27.7	
Q005592		1.0	68	0.4	24.4	26	55.2	
Q005593		1.2	72	0.4	3.2	8	30.8	
Q005594		8.5	870	0.3	8.6	56	18.9	
Q005595		9.1	436	0.3	5.0	510	24.3	
Q005596		18.8	1080	0.7	19.7	544	54.1	
Q005597		10.6	635	1.5	20.0	117	44.0	
Q005598		3.4	213	0.3	7.2	15	26.6	
Q005599		20.0	247	0.5	58.5	4250	43.4	
Q005600		50.4	1450	1.1	170.0	229	80.8	
Q005601		2.1	124	0.3	3.7	10	19.0	
Q005602		27.2	76	0.3	340	86	<0.5	
Q005603		4.1	379	0.5	6.4	14	21.8	
Q005604		10.6	471	0.6	30.3	486	32.6	
Q005605		63.9	976	0.4	45.5	1730	41.7	
Q005606		1.7	13	1.4	5.8	16	4.1	
Q005607		0.6	9	0.8	0.6	8	3.1	
Q005608		0.6	22	1.5	2.0	4	5.4	
Q005609		0.6	27	1.0	2.4	3	6.4	
Q005610		3.2	173	1.3	32.0	125	106.0	
Q005611		1.6	19	0.6	6.0	29	8.5	
Q005612		0.1	2	0.4	0.6	<2	1.7	
Q005613		0.1	1	0.6	0.3	<2	0.8	

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121800

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q005614	0.20	<0.01	0.03	0.06	29.1	140	0.06	0.03	0.05	0.02	0.71	0.2	22	0.15	0.8
Q005615	0.55	<0.01	0.45	6.61	391	1200	1.75	0.26	1.34	1.27	63.6	14.9	86	12.70	33.4
Q005616	0.26	<0.01	0.54	4.19	72.9	1800	1.13	0.18	8.62	1.74	49.5	8.2	70	4.88	29.5
Q005617	0.28	<0.01	0.74	3.66	68.6	1670	1.02	0.18	7.55	1.88	41.9	7.4	66	4.09	27.2
Q005618	0.44	0.01	0.54	2.97	56	2450	0.74	0.12	11.85	1.17	30.9	4.9	56	3.48	22.5
Q005619	0.28	<0.01	1.06	4.92	146.5	1580	1.43	0.24	1.11	1.98	58.4	7.9	85	7.54	42.4
Q005620	0.25	<0.01	0.91	4.41	163.0	1910	1.24	0.20	3.95	2.14	49.0	8.7	82	5.87	35.5
Q005621	0.09	<0.01	0.06	0.38	9	140	0.26	0.04	22.8	0.71	3.10	1.8	3	0.36	2.4
Q005622	0.26	<0.01	0.03	0.55	15	80	0.26	0.04	23.7	0.69	5.80	2.0	3	0.38	4.1
Q005623	0.47	<0.01	0.02	0.16	<5	160	0.07	0.05	38.7	0.60	5.43	1.4	2	0.19	1.6
Q005624	0.12	<0.01	0.02	0.16	<5	170	0.06	0.05	13.50	0.49	2.00	1.0	11	0.25	1.4
Q005625	0.40	<0.01	0.03	0.04	<5	60	0.07	0.03	38.4	0.29	1.56	0.6	4	0.07	0.8
Q005507	0.26	<0.01	0.40	5.89	11.8	1640	1.78	0.25	0.39	1.38	69.4	10.7	79	4.37	60.2
Q005508	0.16	<0.01	0.03	0.24	1455	180	0.20	0.03	0.49	0.48	1.39	0.5	13	0.66	6.8
Q005509	0.19	<0.01	0.06	0.31	1140	190	0.21	0.03	0.44	0.51	1.81	0.9	17	0.58	7.1
Q005510	0.21	<0.01	0.08	0.21	1830	140	0.13	0.02	0.25	0.69	1.01	0.4	16	0.79	5.6
Q005511	0.03	<0.01	0.14	1.27	>10000	1230	1.01	0.05	0.76	9.83	3.94	12.7	25	0.78	98.7
Q005512	0.28	<0.01	0.05	0.38	162.0	160	0.15	0.05	7.49	0.44	4.77	2.0	12	0.73	1.4
Q005513	0.28	<0.01	0.08	0.28	217	200	0.11	0.04	8.24	0.51	3.76	3.0	14	0.85	3.1
Q005514	0.22	<0.01	0.04	0.20	155.0	140	0.11	0.03	2.83	0.54	3.14	3.8	9	0.67	1.1
Q005515	0.17	<0.01	0.15	0.40	950	1500	0.12	0.04	0.18	0.19	4.48	1.4	25	2.02	6.7
Q005516	0.10	<0.01	0.37	0.65	1475	1860	0.19	0.06	0.22	0.18	9.00	1.2	31	2.50	8.6
Q005517	0.20	<0.01	0.16	0.72	1120	490	0.23	0.04	0.14	0.21	8.56	3.0	24	2.83	16.8
Q005518	0.08	<0.01	0.05	0.49	254	250	0.18	0.02	0.05	0.34	4.78	2.2	25	1.71	7.8
Q005519	0.13	<0.01	0.03	0.54	349	340	0.19	0.02	0.04	0.41	5.89	3.2	24	2.10	3.5
Q005520	0.06	0.01	0.08	0.26	9	60	0.26	0.01	25.4	0.23	3.60	1.3	5	0.23	3.6
Q005521	0.25	<0.01	0.10	0.26	73	60	0.26	0.01	23.6	0.38	4.50	1.7	4	0.19	1.4
Q005522	0.23	<0.01	0.01	0.10	<5	100	0.09	0.01	37.3	0.44	3.90	1.0	4	0.15	0.8

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Finalized Date: 22-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121800

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q005614		0.28	1.68	0.10	<0.1	0.10	<0.005	0.01	0.9	13.4	<0.01	28	0.26	<0.01	0.2	1.1
Q005615		3.68	17.10	0.20	2.4	0.47	0.046	1.80	37.7	61.4	0.63	537	2.47	0.39	10.6	57.3
Q005616		2.66	11.10	0.17	1.8	0.28	0.029	1.40	28.5	32.0	1.95	492	4.46	0.23	8.4	41.4
Q005617		2.51	9.65	0.17	1.6	0.41	0.022	1.15	25.6	28.3	1.08	592	4.47	0.18	7.1	39.9
Q005618		2.00	7.47	0.12	1.3	0.33	0.012	0.96	19.1	27.7	1.53	370	2.88	0.13	5.4	25.4
Q005619		3.16	12.90	0.22	2.2	0.55	0.032	1.39	34.9	31.4	0.50	149	5.34	0.30	10.5	47.8
Q005620		2.98	11.75	0.19	2.0	0.57	0.024	1.41	30.2	31.1	0.88	486	5.56	0.18	8.9	51.2
Q005621		0.32	1.08	0.23	0.2	0.03	<0.005	0.17	1.5	3.3	11.60	576	1.32	0.02	0.7	7.5
Q005622		0.59	1.42	0.16	0.2	0.07	<0.005	0.21	3.2	4.2	11.15	356	0.64	0.02	0.7	7.9
Q005623		0.15	0.56	0.21	0.1	0.02	<0.005	0.09	11.1	1.8	0.25	185	0.20	0.01	0.3	3.1
Q005624		0.20	0.39	0.14	0.1	0.02	<0.005	0.05	4.2	3.5	0.14	83	0.19	0.01	0.2	2.2
Q005625		0.10	0.18	0.17	<0.1	0.01	<0.005	0.02	2.4	1.1	0.06	254	0.25	<0.01	0.1	1.1
Q005507		2.55	16.95	0.32	2.8	0.09	0.039	2.19	38.5	26.1	0.56	160	4.36	0.38	16.0	57.8
Q005508		0.44	0.86	0.19	0.1	0.03	<0.005	0.05	2.1	3.7	0.02	60	0.84	0.01	0.2	2.0
Q005509		0.54	1.13	0.16	0.1	0.03	<0.005	0.06	2.5	3.8	0.02	79	0.96	0.01	0.3	2.9
Q005510		0.46	0.41	0.11	0.1	0.02	<0.005	0.09	1.9	1.6	0.02	72	0.93	0.01	0.1	1.5
Q005511		5.38	1.17	0.07	0.1	0.25	<0.005	0.09	7.2	4.0	0.04	685	9.84	0.02	0.4	42.2
Q005512		0.56	0.80	0.05	0.1	0.23	<0.005	0.10	5.1	2.7	0.06	117	1.31	0.03	0.6	11.5
Q005513		0.41	0.65	0.08	0.1	0.15	<0.005	0.06	5.6	2.4	0.12	169	0.89	0.02	0.4	8.8
Q005514		0.69	0.35	0.06	0.1	0.17	<0.005	0.03	4.0	2.6	0.02	210	1.58	0.01	0.3	21.6
Q005515		0.60	1.38	0.08	0.2	0.84	<0.005	0.12	5.3	4.0	0.03	81	1.19	0.02	0.7	5.9
Q005516		0.82	1.95	0.09	0.3	2.56	<0.005	0.19	10.6	4.5	0.04	91	1.17	0.02	1.3	7.1
Q005517		0.79	2.37	<0.05	0.4	0.33	<0.005	0.21	8.5	6.6	0.06	146	1.80	0.02	1.5	10.1
Q005518		0.82	1.48	0.05	0.4	0.40	<0.005	0.12	5.7	2.9	0.03	91	0.65	0.07	1.0	9.3
Q005519		0.86	1.50	0.05	0.3	0.10	0.005	0.12	7.2	2.9	0.03	90	0.64	0.05	0.9	11.7
Q005520		0.41	0.92	0.06	0.1	0.06	<0.005	0.11	1.8	1.4	8.12	288	0.46	0.01	0.6	2.1
Q005521		0.17	0.88	0.15	0.1	1.65	<0.005	0.11	2.2	1.2	10.25	172	0.57	0.01	0.6	1.9
Q005522		0.10	0.46	0.13	0.1	<0.01	<0.005	0.04	9.5	0.9	0.19	233	0.12	<0.01	0.4	<0.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121800

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005614		30	0.5	0.8	<0.002	0.04	0.18	0.1	<1	<0.2	5.8	<0.05	<0.05	<0.2	0.005	0.06
Q005615		970	17.9	124.5	0.003	0.07	1.17	13.7	3	1.9	115.5	0.77	0.07	9.3	0.349	2.31
Q005616		1170	15.2	70.8	0.006	0.12	2.17	7.8	3	1.3	238	0.57	0.05	6.8	0.246	0.82
Q005617		1200	14.8	59.5	0.006	0.11	1.99	7.2	3	1.0	242	0.48	0.06	5.9	0.217	0.81
Q005618		770	15.2	47.5	0.004	0.12	1.44	5.7	2	0.8	188.0	0.36	<0.05	4.2	0.183	0.60
Q005619		1160	28.3	82.7	0.004	0.10	3.13	10.4	5	1.5	133.5	0.70	0.06	8.8	0.296	1.67
Q005620		1300	19.0	74.0	0.006	0.11	2.68	8.6	5	1.2	190.5	0.61	0.11	7.2	0.266	1.07
Q005621		160	2.1	6.7	<0.002	0.02	0.38	0.8	1	0.2	147.5	<0.05	<0.05	0.6	0.021	0.14
Q005622		160	3.5	7.6	<0.002	<0.01	0.30	1.1	1	0.2	162.5	0.05	<0.05	0.9	0.022	0.12
Q005623		440	2.2	4.4	<0.002	0.03	0.10	1.4	1	<0.2	317	<0.05	<0.05	0.6	0.010	0.05
Q005624		200	1.4	2.6	0.003	0.03	0.11	0.6	<1	<0.2	126.0	<0.05	<0.05	0.3	0.006	0.06
Q005625		300	0.6	0.8	<0.002	<0.01	0.11	1.1	1	<0.2	118.0	<0.05	<0.05	<0.2	<0.005	0.02
Q005507		1010	14.5	116.0	0.006	0.01	3.53	10.5	5	1.8	54.1	1.03	0.08	10.1	0.363	1.08
Q005508		660	0.8	3.0	<0.002	<0.01	0.18	0.4	<1	<0.2	142.0	<0.05	<0.05	0.2	0.006	0.37
Q005509		670	0.8	3.3	<0.002	<0.01	0.16	0.5	<1	<0.2	158.0	<0.05	<0.05	0.3	0.009	0.26
Q005510		740	0.6	5.6	<0.002	<0.01	0.18	0.3	<1	<0.2	160.5	<0.05	<0.05	<0.2	<0.005	0.42
Q005511		2280	1.3	5.1	<0.002	0.01	1.35	1.7	2	<0.2	330	<0.05	<0.05	0.5	0.012	0.81
Q005512		270	1.5	5.8	<0.002	0.01	0.15	1.8	1	<0.2	84.2	<0.05	<0.05	0.6	0.021	0.07
Q005513		350	1.6	3.7	<0.002	0.01	0.13	1.3	1	<0.2	101.5	<0.05	<0.05	0.4	0.014	0.06
Q005514		260	1.7	1.9	<0.002	0.01	0.16	2.0	1	<0.2	37.6	<0.05	<0.05	0.4	0.008	0.05
Q005515		130	2.4	6.8	<0.002	0.04	0.18	1.1	1	<0.2	36.8	<0.05	<0.05	0.8	0.024	0.14
Q005516		270	4.4	10.3	<0.002	0.09	0.26	1.6	1	0.2	58.4	0.08	<0.05	1.2	0.046	0.23
Q005517		210	5.2	11.8	<0.002	0.02	0.28	2.0	1	0.6	47.2	0.09	<0.05	1.4	0.054	0.24
Q005518		240	3.6	7.2	0.002	0.01	0.25	0.8	2	<0.2	41.6	0.07	<0.05	0.7	0.033	0.15
Q005519		270	2.1	7.7	0.002	0.01	0.38	0.8	2	<0.2	41.9	0.06	<0.05	1.0	0.028	0.13
Q005520		80	3.5	4.9	<0.002	<0.01	0.36	1.6	2	<0.2	103.5	<0.05	<0.05	0.5	0.012	0.06
Q005521		100	7.0	4.3	<0.002	<0.01	0.43	0.6	2	<0.2	160.0	<0.05	<0.05	0.4	0.012	0.34
Q005522		330	1.3	2.2	0.002	0.02	0.08	1.8	2	<0.2	229	<0.05	<0.05	0.4	0.005	0.03

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121800

Sample Description / Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
Q005614	0.1	2	0.8	0.4	<2	1.4	
Q005615	3.8	176	1.4	28.3	235	94.4	
Q005616	3.2	198	1.2	20.2	176	74.3	
Q005617	3.5	193	0.9	23.2	172	65.6	
Q005618	2.7	156	0.8	15.4	128	53.8	
Q005619	4.3	226	1.3	28.8	216	89.9	
Q005620	3.9	245	1.3	24.8	228	80.3	
Q005621	2.0	13	0.4	1.5	28	5.5	
Q005622	2.0	14	0.2	2.6	34	9.3	
Q005623	1.1	8	0.1	22.0	27	3.1	
Q005624	0.4	6	0.2	8.0	22	2.0	
Q005625	3.0	8	<0.1	13.8	10	1.3	
Q005507	3.9	347	1.4	24.6	264	111.5	
Q005508	2.4	8	0.4	5.2	14	3.1	
Q005509	1.7	8	0.7	5.4	18	3.2	
Q005510	2.4	5	0.5	5.4	8	2.4	
Q005511	6.5	103	0.6	41.8	673	5.1	1.905
Q005512	0.6	11	0.2	7.3	53	4.8	
Q005513	0.9	11	0.3	8.4	35	3.9	
Q005514	0.6	8	0.3	6.5	102	2.7	
Q005515	0.6	12	0.9	3.0	10	6.5	
Q005516	1.3	18	1.1	7.6	9	11.9	
Q005517	0.9	24	1.4	4.5	14	12.1	
Q005518	0.8	15	1.0	4.0	47	14.8	
Q005519	0.9	17	0.7	4.9	84	9.9	
Q005520	1.8	12	0.4	3.3	33	4.3	
Q005521	3.4	12	0.4	1.9	68	3.6	
Q005522	1.8	13	0.1	24.7	19	2.4	

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 22-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13121800

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE WH13121801

Project: Nadaleen
P.O. No.: R13-11
This report is for 38 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121801

Sample Description / Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005626	0.54	<0.01	0.03	6.43	12.9	650	1.07	0.05	7.19	1.45	128.0	17.1	128	1.49	14.9
Q005627	0.33	<0.01	0.08	7.17	27.4	1150	1.58	0.13	0.68	1.67	106.0	23.5	116	3.21	24.4
Q005628	0.72	<0.01	0.07	7.93	10.7	990	1.57	0.11	0.70	1.07	119.0	22.2	170	2.15	20.4
Q005629	0.57	<0.01	0.06	5.48	6	1820	0.93	0.06	11.35	0.16	95.7	22.2	86	1.40	18.5
Q005630	0.80	<0.01	0.07	7.42	3.8	3580	1.22	0.08	5.50	0.36	115.5	17.7	38	1.81	9.9
Q005631	0.40	<0.01	0.12	5.80	7.1	2040	1.41	0.10	6.93	0.34	96.2	24.6	124	2.63	25.3
Q005632	0.46	<0.01	0.05	6.96	3.5	3160	1.34	0.08	4.29	0.17	174.0	16.2	216	0.86	15.5
Q005633	0.53	<0.01	0.10	5.73	3.7	2400	1.30	0.08	9.56	0.08	150.0	22.1	175	0.89	22.3
Q005634	0.39	0.01	0.17	5.05	20.2	1810	1.20	0.14	6.18	0.89	89.6	15.0	98	2.10	19.5
Q005635	0.53	0.01	0.30	5.60	32.7	1770	1.44	0.16	3.70	0.99	91.2	18.4	121	3.01	26.3
Q005636	0.53	<0.01	0.07	5.71	3.9	2420	1.05	0.08	7.82	0.24	102.0	21.1	276	0.67	16.4
Q005637	0.66	<0.01	0.06	7.71	3.8	3110	1.17	0.07	4.75	0.27	111.0	27.2	101	1.34	26.8
Q005638	0.54	<0.01	0.14	6.92	12.4	2580	1.63	0.11	5.32	0.45	116.0	33.1	83	2.74	23.8
Q005639	0.77	<0.01	0.22	0.36	3.8	190	0.10	0.04	2.43	0.86	5.49	1.8	12	0.26	3.5
Q005640	0.63	<0.01	0.16	2.40	8.3	670	0.65	0.09	4.96	3.86	30.6	5.7	41	1.07	13.2
Q005641	0.57	<0.01	0.74	1.60	15.1	1150	0.77	0.08	3.34	8.02	21.7	3.3	66	2.08	38.6
Q005642	0.71	<0.01	0.12	4.73	<5	1810	1.16	0.12	14.15	0.46	104.0	13.7	56	4.15	27.7
Q005523	0.55	<0.01	0.35	5.70	21.4	1640	1.82	0.19	5.06	1.72	81.2	18.7	81	6.60	44.4
Q005524	0.61	<0.01	0.62	6.47	26.8	2580	1.71	0.18	0.51	2.96	72.4	8.1	117	7.04	40.0
Q005525	0.72	<0.01	1.83	2.63	25.7	1370	1.53	0.13	1.84	16.25	36.0	5.2	120	3.69	96.7
Q005526	0.75	0.01	1.15	3.60	28.7	1900	1.41	0.17	1.52	8.85	44.6	7.5	108	3.89	61.0
Q005527	0.47	<0.01	0.12	9.51	16.6	930	2.65	0.37	0.44	0.16	77.4	18.9	115	13.10	44.1
Q005528	0.68	<0.01	0.18	7.16	13.5	690	1.79	0.26	0.35	0.15	81.0	14.2	96	8.35	28.1
Q005529	0.57	<0.01	0.14	4.39	7.2	390	1.01	0.13	0.27	0.09	53.5	14.7	67	3.63	20.3
Q005530	0.71	<0.01	0.24	0.41	392	120	0.19	0.04	0.52	0.61	5.24	2.4	21	0.67	6.7
Q005531	0.73	0.01	0.34	0.41	1920	110	0.43	0.03	0.27	6.37	12.00	12.9	15	0.39	16.4
Q005532	0.84	<0.01	0.46	1.12	760	290	0.97	0.03	0.51	2.82	5.76	8.9	22	0.45	63.6
Q005533	0.65	<0.01	0.12	0.13	14.5	60	0.09	0.02	4.47	0.24	1.17	0.5	16	0.36	1.9
Q005534	0.86	<0.01	0.33	0.90	1825	190	0.36	0.05	0.80	7.19	8.90	21.0	33	0.65	43.6
Q005535	0.75	<0.01	0.24	0.71	1985	90	0.88	0.04	0.58	4.45	3.69	23.5	75	0.60	74.3
Q005536	0.23	<0.01	0.66	2.72	2450	660	1.02	0.19	0.22	1.11	24.9	3.3	173	6.40	31.9
Q005537	0.81	<0.01	0.19	0.25	68.1	90	0.10	0.04	0.37	0.55	3.73	2.4	16	0.57	5.9
Q005538	0.71	<0.01	0.14	0.13	36	170	0.09	0.03	14.50	0.35	2.53	0.5	7	0.21	1.5
Q005539	0.70	<0.01	0.28	0.52	76	240	0.19	0.05	14.95	0.64	7.71	1.6	23	1.07	6.8
Q005540	0.65	<0.01	0.14	0.31	16.0	110	0.19	0.02	0.70	0.05	8.59	0.5	73	0.68	4.8
Q005541	0.41	<0.01	0.20	0.05	5	40	<0.05	0.02	19.70	0.38	1.91	0.4	6	0.09	1.0
Q005542	0.49	<0.01	1.39	6.59	23.9	1290	1.91	0.25	0.83	0.82	48.0	10.0	209	21.3	40.4
Q005543	0.56	<0.01	1.71	10.15	32.2	1650	2.03	0.21	0.52	0.74	25.1	16.0	85	17.15	35.5

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121801

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005626		4.63	14.75	0.15	4.4	0.02	0.040	0.51	51.9	55.1	1.58	3220	1.19	2.84	41.2	39.8
Q005627		5.95	19.80	0.21	5.5	0.02	0.062	1.19	52.0	77.0	1.87	482	3.88	1.88	50.0	54.0
Q005628		6.83	21.0	0.23	4.8	0.01	0.060	0.80	54.3	94.9	2.40	497	1.34	2.75	52.7	55.5
Q005629		6.05	14.05	0.19	3.9	0.01	0.054	2.43	51.0	70.0	2.27	2170	0.54	0.59	47.9	28.2
Q005630		7.05	16.65	0.26	5.2	0.01	0.060	4.52	59.6	60.0	1.80	1580	0.91	0.50	67.8	17.0
Q005631		5.44	15.10	0.23	4.1	0.03	0.056	3.22	50.6	43.9	1.77	785	1.35	0.43	59.0	38.4
Q005632		4.91	19.30	0.30	5.9	0.01	0.046	4.18	94.1	54.2	2.14	499	0.68	1.02	85.0	49.2
Q005633		4.91	15.30	0.23	5.2	0.01	0.054	2.78	80.8	55.0	1.98	1240	0.64	1.10	70.9	38.1
Q005634		4.44	13.00	0.19	3.6	0.04	0.040	2.25	49.9	41.2	1.31	858	2.25	0.70	44.5	33.5
Q005635		4.88	14.30	0.22	3.5	0.13	0.046	2.21	49.3	47.9	1.33	656	2.61	0.71	42.8	42.3
Q005636		5.33	14.80	0.21	4.8	0.01	0.043	3.07	57.6	58.2	2.04	1190	0.83	0.92	67.5	50.4
Q005637		8.87	19.80	0.23	5.3	0.04	0.066	4.19	55.7	86.5	2.94	717	0.76	0.46	72.7	29.0
Q005638		6.33	18.70	0.23	5.4	0.04	0.063	3.82	66.0	64.2	1.90	768	1.67	0.46	64.1	34.1
Q005639		0.86	1.11	0.10	0.2	0.01	<0.005	0.13	4.5	5.5	0.14	106	1.23	0.02	2.3	7.9
Q005640		2.04	6.10	0.13	1.0	0.04	0.018	0.65	19.6	23.8	0.37	282	4.98	0.24	4.4	37.3
Q005641		1.26	4.36	0.12	0.9	0.15	0.010	0.54	19.4	9.8	0.27	128	13.05	0.07	3.9	74.7
Q005642		3.30	12.35	0.21	4.1	0.02	0.041	1.60	50.7	32.8	1.08	710	2.83	0.75	33.4	38.7
Q005523		4.48	16.25	0.19	4.5	0.11	0.048	2.28	44.2	36.8	1.23	515	12.10	0.39	32.5	83.1
Q005524		3.14	18.40	0.18	6.0	0.32	0.059	2.66	50.5	16.2	0.68	148	37.6	0.36	70.9	86.6
Q005525		1.55	7.13	0.21	1.4	0.33	0.021	0.89	35.9	14.7	0.30	191	19.15	0.09	6.1	150.0
Q005526		2.27	9.53	0.17	1.9	0.25	0.032	1.24	32.0	17.0	0.31	222	13.45	0.13	10.6	113.5
Q005527		5.49	24.0	0.19	3.7	0.04	0.086	2.74	36.7	90.3	0.69	202	1.04	0.25	13.9	57.2
Q005528		4.44	17.50	0.20	3.6	0.03	0.051	1.94	41.8	68.6	0.58	187	0.86	0.20	12.8	42.4
Q005529		3.06	10.50	0.15	2.8	0.02	0.029	1.07	27.5	44.0	0.39	364	0.77	0.13	8.7	40.5
Q005530		1.55	1.01	0.08	0.2	0.09	<0.005	0.08	11.0	8.4	0.02	93	1.85	0.01	0.6	25.8
Q005531		3.43	0.80	0.14	0.1	0.54	<0.005	0.06	47.2	3.5	0.02	221	5.60	0.01	0.3	62.6
Q005532		3.08	0.80	0.16	0.1	0.07	0.007	0.04	15.0	5.5	0.02	178	7.97	0.01	0.2	159.5
Q005533		0.30	0.30	0.05	<0.1	0.05	<0.005	0.03	2.1	1.3	0.02	92	0.18	<0.01	0.2	3.2
Q005534		5.30	1.17	0.11	0.2	0.85	<0.005	0.09	25.7	3.2	0.04	568	4.32	0.02	0.9	102.5
Q005535		7.21	1.76	0.10	0.1	0.27	0.074	0.05	7.6	3.3	0.02	364	8.66	0.01	0.3	165.0
Q005536		6.90	6.03	0.12	1.0	0.33	0.040	0.67	19.5	75.6	0.13	90	2.94	0.11	2.7	19.6
Q005537		0.84	0.73	0.05	0.1	0.03	<0.005	0.06	6.0	14.1	0.02	242	0.55	0.01	0.4	11.9
Q005538		0.16	0.29	0.10	<0.1	0.05	<0.005	0.02	10.6	3.7	0.03	131	1.06	<0.01	0.1	3.2
Q005539		0.62	1.38	0.08	0.3	0.07	<0.005	0.16	13.4	4.9	0.10	103	1.15	0.03	1.0	10.7
Q005540		0.42	6.54	0.11	0.1	0.06	<0.005	0.10	28.9	16.3	0.02	45	0.38	0.01	0.5	4.1
Q005541		0.07	0.20	0.13	<0.1	0.01	<0.005	0.01	7.0	3.1	0.06	39	0.16	0.01	0.1	1.1
Q005542		3.15	15.00	0.22	2.7	0.30	0.053	1.83	31.3	48.6	0.35	95	2.51	0.14	8.4	65.3
Q005543		8.23	15.90	0.13	5.7	0.23	0.091	2.29	9.6	57.3	0.44	192	4.05	0.26	7.7	80.0

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121801

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005626		1540	7.0	21.3	<0.002	0.15	0.47	14.6	2	1.4	188.0	2.07	<0.05	6.6	0.965	0.30
Q005627		1570	14.0	60.9	0.002	0.03	1.37	15.6	2	2.1	84.2	2.50	<0.05	8.6	1.065	0.46
Q005628		1800	9.7	36.1	0.002	0.03	0.74	16.7	2	1.9	81.4	2.59	<0.05	7.4	1.115	0.25
Q005629		2030	4.0	53.7	<0.002	0.14	0.28	19.7	2	1.2	267	2.27	<0.05	5.4	0.908	0.11
Q005630		1970	5.0	84.3	<0.002	0.05	0.29	14.8	3	1.6	101.0	3.32	<0.05	7.3	1.070	0.16
Q005631		1840	7.9	84.8	0.002	0.12	0.63	15.8	2	1.5	177.0	2.67	<0.05	7.4	0.906	0.25
Q005632		5020	4.9	94.7	<0.002	0.11	0.31	14.4	2	1.8	155.5	4.07	<0.05	12.4	0.824	0.24
Q005633		3260	6.7	67.9	0.002	0.25	0.35	17.8	3	1.6	218	3.43	<0.05	11.1	0.736	0.17
Q005634		2160	10.7	70.3	<0.002	0.09	1.03	10.5	3	1.5	138.0	2.04	<0.05	7.7	0.562	0.39
Q005635		2110	16.7	75.7	0.002	0.06	1.48	13.1	2	1.7	111.5	2.04	<0.05	8.1	0.703	0.49
Q005636		1600	5.5	63.3	<0.002	0.16	0.35	15.7	2	1.4	186.5	3.13	<0.05	9.6	0.773	0.22
Q005637		2890	5.3	74.7	<0.002	0.40	0.32	21.8	2	1.7	133.5	3.42	<0.05	7.6	1.320	0.14
Q005638		2550	9.4	92.2	0.002	0.08	0.78	17.6	3	1.8	127.0	3.16	<0.05	8.8	1.025	0.28
Q005639		230	1.1	3.5	<0.002	0.02	0.42	1.5	<1	0.2	42.4	0.13	<0.05	0.5	0.049	0.05
Q005640		440	10.2	35.4	0.006	0.03	2.29	5.1	2	0.8	97.5	0.31	<0.05	4.0	0.130	0.39
Q005641		700	5.9	26.6	0.014	0.14	6.61	3.7	5	0.6	120.5	0.25	<0.05	2.3	0.101	1.53
Q005642		1950	11.1	77.7	0.011	0.11	0.90	11.7	2	1.6	238	1.68	<0.05	7.5	0.659	0.39
Q005523		1570	20.3	113.0	0.008	0.10	4.10	13.3	3	2.0	125.0	1.68	<0.05	9.4	0.659	0.95
Q005524		570	18.1	112.5	0.004	0.13	12.90	10.7	3	2.2	63.2	3.89	0.11	6.9	0.959	3.28
Q005525		1760	9.7	51.2	0.014	0.20	11.35	7.1	9	0.8	106.0	0.38	0.15	3.8	0.161	2.75
Q005526		1400	12.8	64.7	0.011	0.13	8.38	7.7	7	1.1	104.0	0.67	0.09	5.3	0.239	1.70
Q005527		880	21.2	156.5	0.004	0.11	1.11	21.3	1	2.9	106.0	0.95	0.07	11.9	0.520	1.18
Q005528		870	21.2	113.5	0.002	0.09	0.87	15.2	1	2.2	85.4	0.87	0.05	11.2	0.484	0.78
Q005529		750	10.6	61.6	0.007	0.10	0.57	8.8	2	1.4	52.0	0.59	<0.05	7.4	0.327	0.39
Q005530		560	2.1	4.9	<0.002	0.01	1.59	1.0	4	0.2	40.4	<0.05	<0.05	0.6	0.021	0.08
Q005531		1260	1.7	3.7	0.003	0.04	7.23	1.0	6	<0.2	88.4	<0.05	<0.05	0.3	0.009	1.52
Q005532		3460	2.4	2.2	0.002	0.03	2.90	3.0	3	<0.2	694	<0.05	<0.05	0.3	0.007	0.10
Q005533		80	0.5	1.5	<0.002	<0.01	0.14	0.5	1	<0.2	16.8	<0.05	<0.05	<0.2	0.006	0.03
Q005534		1570	3.7	5.5	0.002	0.02	4.07	1.9	4	0.2	143.0	0.05	<0.05	0.5	0.027	0.35
Q005535		1320	1.9	3.9	0.002	0.02	5.53	5.1	4	<0.2	85.8	<0.05	<0.05	0.5	0.010	0.21
Q005536		760	5.1	40.9	0.004	0.28	10.35	6.3	4	0.6	129.0	0.16	0.11	3.9	0.124	1.12
Q005537		200	1.7	3.7	<0.002	0.01	0.47	0.7	1	<0.2	13.6	<0.05	<0.05	0.3	0.013	0.07
Q005538		470	0.6	1.6	<0.002	<0.01	0.23	0.8	1	<0.2	50.3	<0.05	<0.05	<0.2	0.005	0.04
Q005539		1470	2.4	8.2	0.002	0.01	0.52	1.5	1	0.2	136.0	0.06	<0.05	0.8	0.031	0.14
Q005540		1730	0.7	4.5	<0.002	<0.01	0.16	0.5	1	<0.2	34.9	<0.05	<0.05	0.5	0.019	0.06
Q005541		100	<0.5	0.7	<0.002	<0.01	0.12	0.6	1	<0.2	104.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q005542		360	11.6	136.0	0.015	0.03	0.96	12.7	4	1.8	58.4	0.55	0.06	7.6	0.330	0.62
Q005543		780	15.9	107.0	0.009	0.04	1.01	15.0	8	2.2	67.8	0.62	0.06	5.3	0.354	0.54

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121801

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q005626		1.8	133	0.8	32.3	131	171.5
Q005627		3.3	217	1.1	27.8	247	219
Q005628		2.0	170	0.9	26.8	181	187.0
Q005629		1.6	192	0.5	36.1	91	158.0
Q005630		2.1	175	0.7	38.8	159	208
Q005631		2.5	174	0.9	27.9	104	172.0
Q005632		3.5	151	1.2	40.1	104	238
Q005633		3.1	131	0.9	42.0	80	220
Q005634		3.2	161	0.9	27.3	145	144.5
Q005635		3.1	222	1.0	30.5	188	147.5
Q005636		2.5	142	0.9	32.9	84	206
Q005637		2.2	262	0.8	33.9	200	223
Q005638		2.9	222	1.1	36.1	129	216
Q005639		0.3	33	0.1	5.0	83	9.2
Q005640		2.4	191	0.4	14.6	364	38.1
Q005641		5.4	739	0.4	25.0	579	38.1
Q005642		3.2	115	0.9	32.2	93	159.0
Q005523		5.3	250	1.3	30.5	262	172.5
Q005524		11.8	458	1.8	25.2	490	227
Q005525		9.8	1500	0.7	50.2	956	62.9
Q005526		7.8	903	0.8	35.7	798	78.1
Q005527		3.6	228	1.5	22.5	186	127.5
Q005528		3.4	151	1.5	22.6	135	125.5
Q005529		2.2	91	1.1	20.6	109	99.7
Q005530		1.1	24	0.1	10.5	109	6.4
Q005531		5.2	110	0.1	25.4	431	4.3
Q005532		3.6	35	0.2	26.1	488	4.2
Q005533		0.5	8	<0.1	3.3	12	1.6
Q005534		7.9	132	0.1	22.9	614	8.7
Q005535		3.7	137	0.1	46.7	1410	5.4
Q005536		3.4	100	0.3	10.5	135	36.2
Q005537		0.4	12	0.1	4.1	54	3.6
Q005538		2.7	10	0.1	8.4	23	1.9
Q005539		2.0	21	0.2	19.1	47	8.5
Q005540		6.1	23	0.2	29.8	10	2.0
Q005541		0.9	3	<0.1	7.8	6	1.2
Q005542		4.5	177	1.1	23.5	219	99.4
Q005543		4.6	105	0.5	26.1	291	191.5

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121801

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

CERTIFICATE WH13121188

Project: Nadaleen

P.O. No.: R13-12

This report is for 46 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 15-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13121188

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005544	0.36	<0.01	0.13	0.36	104.5	160	0.11	0.01	4.53	0.50	5.76	9.2	16	0.71	7.7
Q005545	0.40	<0.01	0.12	0.24	27.1	100	0.07	0.01	0.63	0.11	3.30	1.4	12	0.55	3.0
Q005546	0.34	<0.01	0.09	0.23	527	150	0.17	0.01	0.58	1.80	8.04	48.7	15	0.56	18.2
Q005547	0.45	<0.01	0.10	0.13	57.0	80	0.06	<0.01	0.37	0.15	2.63	2.8	15	0.35	6.8
Q005548	0.28	<0.01	0.12	0.21	20.8	140	0.05	0.01	0.98	0.11	4.20	0.8	13	0.59	2.7
Q005549	0.32	0.01	0.07	0.27	298	170	0.18	0.01	0.36	0.88	6.04	42.0	16	0.74	18.0
Q005550	0.15	<0.01	0.08	0.19	318	80	0.12	<0.01	0.23	0.83	2.92	33.4	13	0.47	14.3
Q005851	0.51	0.01	0.08	0.16	569	80	0.19	<0.01	0.35	1.24	5.01	60.2	11	0.34	33.8
Q005852	1.10	<0.01	0.08	0.12	232	60	0.09	<0.01	0.60	0.60	3.86	20.0	16	0.29	11.6
Q005853	0.31	<0.01	0.12	0.27	435	90	0.15	<0.01	0.35	1.64	4.46	48.9	14	0.41	24.7
Q005854	0.39	<0.01	0.12	0.45	357	240	0.25	0.01	0.97	1.27	15.70	57.7	21	0.96	25.8
Q005855	0.30	<0.01	0.86	5.26	1175	1050	1.18	0.19	4.63	1.12	47.6	10.7	180	8.38	37.7
Q005856	0.46	<0.01	0.64	5.54	425	1080	1.35	0.18	7.91	0.64	50.9	8.1	182	12.35	34.3
Q005857	0.57	<0.01	0.81	5.06	935	1050	1.38	0.19	3.85	0.99	44.1	10.4	195	11.60	42.5
Q005858	0.44	<0.01	0.18	0.57	1360	190	0.18	0.02	11.45	2.15	12.55	13.6	29	1.22	5.4
Q005859	0.58	<0.01	0.19	0.27	740	110	0.11	0.01	1.13	3.19	5.93	23.4	14	0.43	4.8
Q005860	0.44	0.01	0.17	0.73	165	240	0.29	0.02	13.65	0.74	11.70	3.7	26	1.23	5.9
Q005861	0.19	<0.01	0.05	0.10	32.9	90	0.05	<0.01	5.85	0.25	1.27	7.4	14	0.27	1.4
Q005862	0.43	<0.01	0.08	0.09	14	60	0.05	<0.01	10.75	0.19	1.45	0.6	14	0.23	1.1
Q005863	0.49	<0.01	0.29	2.29	7.6	1230	0.78	0.09	9.81	17.25	32.9	7.8	74	3.19	18.4
Q005864	0.76	<0.01	0.85	1.41	5.6	760	0.53	0.03	0.54	0.85	20.9	1.9	56	1.70	14.4
Q005865	0.06	<0.01	0.90	0.87	2.2	550	0.26	0.04	0.86	1.01	9.51	1.3	32	0.99	7.7
Q005866	0.43	<0.01	0.10	0.31	1.1	140	0.10	0.03	0.67	0.29	4.28	1.1	13	0.45	3.6
Q005643	0.54	<0.01	0.09	5.40	10.8	720	1.37	0.19	6.94	0.43	54.5	9.6	83	4.99	21.8
Q005644	0.10	<0.01	4.93	3.04	12.9	710	1.42	0.27	0.21	0.59	40.5	15.1	389	3.56	14.5
Q005645	0.21	<0.01	0.05	0.50	19.2	5110	0.59	0.04	0.17	0.38	15.00	3.6	59	0.33	14.7
Q005646	0.21	<0.01	0.07	0.14	<5	80	0.05	0.02	17.40	1.55	2.04	4.7	9	0.14	2.4
Q005647	0.21	<0.01	0.02	0.07	<5	60	<0.05	0.01	11.50	0.85	1.59	1.2	5	0.07	2.6
Q005648	0.23	<0.01	0.01	0.10	<5	90	0.08	0.02	33.3	0.52	1.91	3.3	3	0.07	2.9
Q005649	0.27	<0.01	0.44	1.72	2.5	830	0.95	0.17	0.30	0.08	29.0	2.1	537	2.09	16.5
Q005650	0.40	<0.01	0.05	0.15	22.7	4900	0.41	0.02	0.25	0.15	5.07	2.4	54	0.12	7.4
Q005651	0.16	<0.01	0.02	0.08	<5	130	0.09	0.02	36.1	1.87	3.32	8.3	9	0.09	3.7
Q005652	0.19	<0.01	0.28	3.23	253	1210	2.24	0.32	1.01	1.10	32.1	27.1	242	4.71	41.1
Q005653	0.50	<0.01	1.12	2.37	12.3	1000	2.25	0.32	0.29	0.66	40.9	3.3	666	2.74	18.5
Q005654	0.33	<0.01	3.57	3.61	6.2	900	2.03	0.25	0.53	0.67	45.0	1.8	320	7.46	27.3
Q005655	0.34	<0.01	3.21	4.06	12.9	850	2.31	0.25	0.20	0.44	48.0	2.0	357	8.63	25.8
Q005656	0.38	<0.01	0.30	5.06	23.7	1230	1.89	0.45	8.24	1.26	58.4	4.4	687	9.31	25.9
Q005657	0.39	<0.01	0.55	0.68	2.5	1450	0.27	0.05	9.96	1.24	8.90	2.3	35	1.02	11.8
Q005658	0.09	<0.01	0.74	0.94	1170	490	0.22	0.05	0.55	1.82	21.6	1.6	64	1.70	14.1
Q005659	0.26	<0.01	0.22	1.04	2150	330	0.93	0.03	0.36	4.31	28.6	16.0	316	0.71	108.0

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121188

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005544		0.91	1.09	0.11	0.2	0.15	0.006	0.07	19.8	5.5	0.04	146	8.45	0.05	0.4	75.7
Q005545		0.38	0.74	0.09	0.1	0.04	<0.005	0.07	11.6	10.3	0.02	36	3.26	0.01	0.3	10.7
Q005546		3.76	0.90	0.09	0.1	0.33	<0.005	0.05	29.1	12.3	0.01	204	20.9	0.01	0.3	295
Q005547		0.60	0.44	<0.05	0.1	0.03	<0.005	0.03	11.0	7.0	0.01	45	8.08	<0.01	0.1	29.6
Q005548		0.34	0.61	<0.05	0.1	0.03	<0.005	0.05	17.4	6.7	0.01	32	3.50	0.01	0.3	8.2
Q005549		3.38	0.96	<0.05	0.1	0.28	<0.005	0.06	23.8	7.7	0.02	182	36.5	0.01	0.3	261
Q005550		2.83	0.70	<0.05	0.1	0.23	<0.005	0.05	11.4	7.9	0.01	151	26.1	<0.01	0.2	315
Q005851		4.50	0.92	<0.05	0.1	0.20	<0.005	0.03	20.6	10.0	0.01	170	86.7	<0.01	0.1	573
Q005852		2.05	0.64	<0.05	<0.1	0.14	<0.005	0.02	14.7	9.2	0.01	120	25.2	<0.01	0.1	180.0
Q005853		5.33	0.80	0.07	0.1	0.31	<0.005	0.04	14.0	6.7	0.01	347	29.0	<0.01	0.1	308
Q005854		3.42	1.52	0.15	0.2	0.36	<0.005	0.09	44.1	4.5	0.02	538	18.80	0.01	0.3	339
Q005855		3.65	12.80	0.09	2.2	0.53	0.048	1.26	40.9	36.1	0.22	105	9.66	0.10	6.5	63.0
Q005856		3.01	13.80	0.10	2.4	0.29	0.050	1.41	39.5	39.4	0.26	103	7.16	0.11	6.9	56.6
Q005857		4.25	13.45	0.12	2.2	0.40	0.062	1.32	35.4	41.9	0.22	123	12.45	0.11	6.9	80.7
Q005858		2.28	1.58	0.07	0.3	0.30	0.006	0.14	32.4	3.9	0.04	112	22.2	0.01	0.7	80.6
Q005859		3.49	0.80	0.05	0.1	0.27	<0.005	0.06	19.4	4.1	0.02	81	25.2	0.01	0.3	160.5
Q005860		0.86	1.86	<0.05	0.3	0.11	0.008	0.18	21.8	5.4	0.10	161	1.62	0.06	1.2	22.0
Q005861		0.32	0.28	<0.05	<0.1	0.06	<0.005	0.02	4.1	2.2	0.02	404	0.47	<0.01	0.1	9.1
Q005862		0.18	0.27	<0.05	0.1	0.03	<0.005	0.02	4.1	1.7	0.03	72	0.28	0.01	0.1	3.6
Q005863		1.35	6.14	0.10	1.2	0.06	0.025	0.73	35.6	15.4	0.21	261	1.41	0.05	3.9	341
Q005864		1.45	3.49	0.06	0.6	0.04	0.011	0.50	11.6	10.3	0.11	107	0.89	0.03	2.0	97.4
Q005865		0.53	2.12	0.06	0.4	0.02	0.006	0.29	10.8	12.1	0.07	85	0.42	0.03	1.3	36.9
Q005866		0.32	0.83	0.05	0.2	0.01	<0.005	0.09	5.3	3.9	0.03	66	0.33	0.01	0.5	26.9
Q005643		3.06	13.95	0.13	2.5	0.04	0.046	1.47	30.3	43.2	0.39	227	1.43	0.21	8.8	36.7
Q005644		13.55	8.37	0.16	1.3	0.30	0.033	0.61	33.9	18.5	0.14	224	0.85	0.05	5.4	68.2
Q005645		4.92	1.37	0.08	0.2	0.02	0.009	0.08	8.4	4.2	0.02	151	1.67	0.01	0.5	164.0
Q005646		0.69	0.38	<0.05	0.1	0.01	<0.005	0.04	3.4	1.4	0.08	216	0.55	0.01	0.2	21.1
Q005647		0.21	0.19	<0.05	<0.1	<0.01	<0.005	0.02	4.5	0.9	0.05	56	0.17	0.01	0.1	9.6
Q005648		0.60	0.28	0.05	<0.1	<0.01	<0.005	0.02	4.0	5.3	0.15	469	0.24	<0.01	0.1	8.5
Q005649		1.35	5.07	0.12	1.0	0.01	0.037	0.40	25.5	29.8	0.08	51	0.53	0.05	4.2	20.8
Q005650		6.41	0.54	0.05	0.1	0.25	0.006	0.03	4.3	2.9	0.01	51	2.31	0.02	0.2	97.0
Q005651		0.76	0.31	0.05	<0.1	0.07	<0.005	0.02	6.0	0.7	0.15	426	0.23	0.01	0.1	36.6
Q005652		35.1	9.75	0.34	1.5	0.28	0.072	0.97	22.3	10.6	0.21	612	11.45	0.05	5.8	146.5
Q005653		7.24	6.97	0.14	1.0	0.05	0.032	0.45	36.7	24.1	0.10	39	9.68	0.03	5.6	190.5
Q005654		5.82	11.15	0.15	1.6	0.17	0.062	1.00	35.5	19.9	0.19	23	3.28	0.07	5.2	34.6
Q005655		4.57	13.15	0.19	1.9	0.29	0.089	1.11	38.6	20.8	0.21	14	3.99	0.07	5.9	34.6
Q005656		4.75	14.50	0.17	2.9	0.24	0.070	1.65	46.7	30.3	0.38	155	3.65	0.13	9.6	54.2
Q005657		0.65	1.85	0.06	0.3	0.10	<0.005	0.23	9.6	9.3	0.11	174	0.66	0.03	1.1	23.2
Q005658		1.78	2.53	0.44	0.4	0.96	0.007	0.25	53.8	10.7	0.05	87	3.25	0.01	1.3	18.2
Q005659		9.38	23.3	0.21	0.1	0.26	0.116	0.13	115.0	8.4	0.02	445	5.14	0.01	0.3	145.0

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121188

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005544		980	2.4	3.7	0.003	<0.01	1.62	0.6	3	0.2	51.5	<0.05	<0.05	0.4	0.019	0.11
Q005545		450	0.8	3.2	0.003	<0.01	0.77	0.3	<1	<0.2	17.0	<0.05	<0.05	0.3	0.009	0.06
Q005546		1700	2.7	2.8	0.003	0.01	5.02	0.4	5	<0.2	36.9	<0.05	<0.05	0.5	0.011	0.17
Q005547		370	1.4	1.4	0.003	<0.01	1.42	0.1	2	<0.2	12.5	<0.05	<0.05	0.2	0.005	0.03
Q005548		870	1.0	2.8	0.003	<0.01	0.75	0.2	1	0.2	24.9	<0.05	<0.05	0.3	0.009	0.05
Q005549		1050	4.5	3.4	0.004	<0.01	4.06	0.5	1	0.2	27.3	<0.05	<0.05	0.4	0.010	0.14
Q005550		330	2.1	2.5	0.003	<0.01	3.99	0.4	1	<0.2	8.9	<0.05	<0.05	0.2	0.007	0.10
Q005851		810	7.8	1.6	0.003	<0.01	9.40	0.4	5	<0.2	18.7	<0.05	<0.05	0.2	0.005	0.09
Q005852		300	1.6	1.3	0.003	<0.01	2.26	0.2	2	<0.2	8.3	<0.05	<0.05	<0.2	<0.005	0.06
Q005853		370	3.0	2.1	0.005	0.02	3.26	0.3	7	<0.2	7.7	<0.05	<0.05	0.2	0.005	0.30
Q005854		3430	4.6	4.7	0.004	0.01	2.83	0.5	12	<0.2	81.8	<0.05	<0.05	0.4	0.012	0.40
Q005855		1030	12.4	84.6	0.028	0.05	3.76	9.6	7	1.4	98.3	0.45	0.08	6.2	0.274	1.34
Q005856		870	10.7	99.7	0.006	0.02	1.59	12.3	6	1.5	98.0	0.50	0.07	6.7	0.291	0.96
Q005857		990	12.8	83.8	0.007	0.03	3.17	12.4	9	1.5	96.5	0.49	0.09	6.0	0.281	1.08
Q005858		890	2.0	8.5	0.006	0.02	7.54	1.4	2	0.2	42.6	0.05	<0.05	0.8	0.029	0.44
Q005859		1250	1.7	3.1	0.003	0.01	6.50	0.6	6	<0.2	24.2	<0.05	<0.05	0.4	0.012	0.22
Q005860		690	2.9	10.6	0.004	0.01	0.98	2.2	3	0.3	118.0	0.08	<0.05	1.1	0.043	0.18
Q005861		100	<0.5	1.2	0.003	<0.01	0.20	0.5	<1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	0.26
Q005862		130	0.5	1.3	0.003	<0.01	0.15	0.7	1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	0.02
Q005863		7680	6.9	44.1	0.005	0.02	1.13	5.5	2	0.8	76.0	0.27	0.12	3.8	0.123	0.43
Q005864		700	5.5	28.1	0.003	0.01	0.85	3.0	2	0.4	28.0	0.13	0.07	2.5	0.064	0.15
Q005865		600	1.6	16.0	<0.002	0.01	0.26	1.2	<1	0.2	15.9	0.07	<0.05	1.4	0.038	0.13
Q005866		210	1.2	5.5	<0.002	0.01	0.15	0.8	<1	<0.2	8.7	<0.05	<0.05	0.7	0.016	0.07
Q005643		660	13.9	95.8	<0.002	0.13	0.66	11.6	1	1.5	120.0	0.61	0.05	8.6	0.324	0.62
Q005644		590	51.9	47.3	<0.002	0.04	3.98	9.0	15	0.7	55.0	0.22	0.09	4.4	0.171	0.20
Q005645		1430	3.7	5.1	<0.002	0.19	1.75	2.0	2	<0.2	161.0	<0.05	0.06	2.9	0.019	0.07
Q005646		190	1.1	2.3	<0.002	0.01	0.15	0.5	1	<0.2	78.9	<0.05	<0.05	0.2	0.010	0.02
Q005647		110	0.5	1.0	<0.002	0.01	0.17	0.3	1	<0.2	69.5	<0.05	<0.05	0.2	<0.005	<0.02
Q005648		100	0.6	1.3	<0.002	0.01	0.06	0.5	1	<0.2	335	<0.05	<0.05	0.2	0.005	<0.02
Q005649		270	6.8	31.0	<0.002	0.10	0.54	2.8	1	0.4	48.7	0.20	0.12	4.7	0.097	0.11
Q005650		1080	3.0	1.6	<0.002	0.23	2.51	2.1	6	<0.2	33.3	<0.05	<0.05	1.2	<0.005	0.04
Q005651		570	0.6	1.4	<0.002	0.01	0.12	1.8	1	<0.2	166.5	<0.05	<0.05	0.2	<0.005	<0.02
Q005652		3510	22.3	62.2	0.008	0.18	9.19	13.1	6	1.1	54.8	0.31	0.26	6.6	0.183	0.34
Q005653		1200	11.6	35.7	<0.002	0.03	4.23	6.4	7	0.4	57.8	0.23	0.16	5.3	0.110	0.18
Q005654		1040	10.1	78.2	0.004	0.29	1.20	5.9	9	0.9	128.0	0.28	0.10	7.3	0.175	0.36
Q005655		810	11.2	89.0	0.007	0.18	1.59	7.2	34	1.0	97.9	0.31	0.10	8.6	0.193	0.44
Q005656		920	14.0	121.5	<0.002	0.26	2.41	11.0	3	1.4	121.5	0.51	0.20	11.0	0.307	0.79
Q005657		170	3.0	13.9	<0.002	0.06	0.45	1.8	2	0.2	126.5	0.07	0.05	1.2	0.034	0.09
Q005658		2290	5.8	14.2	0.009	0.05	5.80	1.7	143	0.3	299	0.08	<0.05	2.0	0.048	1.43
Q005659		2760	1.1	5.0	<0.002	0.13	0.65	3.1	8	<0.2	403	<0.05	<0.05	2.6	0.012	0.94

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121188

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q005544		1.7	13	0.1	22.0	508	4.9
Q005545		0.5	7	0.1	8.4	42	3.1
Q005546		1.4	21	0.1	38.3	2300	4.5
Q005547		0.7	6	0.1	9.6	174	2.0
Q005548		1.0	7	0.1	12.4	38	3.2
Q005549		1.4	17	0.1	27.3	1720	4.0
Q005550		1.0	16	0.1	18.0	1740	2.8
Q005851		1.4	22	0.1	46.4	3230	3.4
Q005852		0.9	12	<0.1	32.5	1550	1.6
Q005853		2.7	17	<0.1	40.7	4500	2.5
Q005854		2.8	21	0.1	93.8	2970	5.3
Q005855		4.9	163	0.9	43.9	232	80.8
Q005856		4.4	157	1.2	39.9	210	86.7
Q005857		4.4	166	1.0	39.3	268	86.1
Q005858		5.5	29	0.1	26.3	188	9.5
Q005859		3.7	27	0.1	23.9	941	4.5
Q005860		1.9	28	0.2	23.5	99	10.3
Q005861		0.5	5	<0.1	5.1	44	1.3
Q005862		0.9	7	<0.1	9.3	14	2.0
Q005863		7.8	120	0.5	52.5	1800	45.8
Q005864		2.0	80	0.3	8.4	473	22.2
Q005865		1.2	44	0.2	6.6	183	11.9
Q005866		0.6	15	0.1	5.5	112	5.3
Q005643		2.4	115	1.0	21.3	117	82.1
Q005644		1.1	157	0.4	29.5	355	50.8
Q005645		0.8	182	0.1	10.2	707	6.0
Q005646		0.2	9	<0.1	12.3	103	2.7
Q005647		0.3	6	<0.1	10.7	49	1.4
Q005648		0.5	9	<0.1	13.4	32	1.7
Q005649		0.8	93	0.2	12.6	117	38.6
Q005650		0.5	97	0.1	7.1	539	2.0
Q005651		0.5	16	0.1	32.6	180	2.4
Q005652		2.8	171	1.1	26.2	1040	57.4
Q005653		3.3	304	0.2	21.6	1230	39.1
Q005654		2.2	150	0.5	17.1	268	59.0
Q005655		2.2	178	0.5	19.5	202	66.7
Q005656		3.3	222	0.9	27.0	360	100.5
Q005657		0.7	44	0.1	12.6	219	10.2
Q005658		4.5	71	0.3	16.7	52	14.8
Q005659		11.1	296	0.1	41.7	470	5.0

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121188

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005660		0.25	<0.01	0.11	0.59	17	550	0.26	0.05	24.8	1.46	9.67	2.3	51	0.86	7.9
Q005661		0.20	<0.01	0.02	0.12	7	210	0.14	0.02	33.8	9.17	2.11	7.1	5	0.18	9.5
Q005662		0.34	<0.01	0.04	0.05	<5	150	<0.05	0.01	32.9	2.09	1.77	2.1	3	<0.05	2.8
Q005663		0.21	<0.01	0.14	0.08	<5	80	<0.05	0.01	19.60	1.85	2.28	1.9	4	0.08	2.2
Q005664		0.31	<0.01	0.26	0.92	4.5	1140	0.32	0.07	8.36	1.17	14.40	4.3	25	1.35	11.1
Q005665		0.35	<0.01	0.24	0.38	2.9	240	0.14	0.03	6.08	0.50	5.13	1.3	19	0.45	5.2

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Finalized Date: 15- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121188

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005660		0.70	1.64	0.06	0.3	0.04	<0.005	0.17	12.8	5.3	0.18	162	0.86	0.04	1.1	27.0
Q005661		0.35	0.38	0.06	0.1	0.01	<0.005	0.03	3.2	1.2	0.14	395	0.98	<0.01	0.2	101.5
Q005662		0.05	0.17	0.09	<0.1	0.01	<0.005	0.01	3.5	0.9	0.12	282	0.64	<0.01	0.1	17.8
Q005663		0.09	0.21	0.10	<0.1	0.01	<0.005	0.02	4.2	2.2	0.08	137	0.86	<0.01	0.2	18.9
Q005664		0.71	2.41	0.10	0.4	0.03	0.006	0.27	17.8	9.9	0.11	253	0.94	0.03	1.6	70.2
Q005665		0.41	0.90	0.11	0.2	0.01	<0.005	0.12	7.5	7.4	0.05	91	0.58	0.02	0.6	29.6

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CERTIFICATE OF ANALYSIS WH13121188

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005660		360	3.0	11.3	<0.002	0.02	0.44	1.7	2	0.2	156.0	0.06	<0.05	1.3	0.035	0.09
Q005661		1160	1.5	2.1	0.006	<0.01	0.87	0.6	<1	<0.2	345	<0.05	<0.05	0.3	0.007	0.10
Q005662		210	0.5	0.8	0.004	<0.01	0.12	0.3	1	<0.2	388	<0.05	<0.05	0.2	<0.005	0.03
Q005663		170	0.7	1.1	<0.002	<0.01	0.12	0.4	<1	<0.2	174.5	<0.05	<0.05	0.3	<0.005	0.06
Q005664		730	3.6	16.4	<0.002	0.03	0.41	2.3	1	0.3	79.5	0.10	0.05	2.1	0.050	0.18
Q005665		180	2.2	6.3	<0.002	0.01	0.35	1.0	1	<0.2	81.2	<0.05	<0.05	0.7	0.018	0.05

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VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121188

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q005660		1.1	36	0.1	15.6	144	10.9
Q005661		4.0	16	<0.1	6.3	534	2.9
Q005662		1.1	8	<0.1	7.2	55	1.3
Q005663		0.5	6	<0.1	7.3	59	1.5
Q005664		2.6	48	0.2	19.1	289	15.6
Q005665		0.8	26	0.1	9.1	115	5.6

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CERTIFICATE OF ANALYSIS WH13121188

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

CERTIFICATE WH13124471

Project: Nadaleen
P.O. No.: R13-13
This report is for 153 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N830820	0.20	<0.01	0.04	8.68	118.0	390	1.83	0.41	0.24	<0.02	77.0	9.3	75	24.8	20.3
N830821	0.39	<0.01	0.06	4.32	235	230	1.15	0.16	18.90	0.04	58.6	7.6	37	12.35	16.3
N830822	0.59	<0.01	0.03	9.29	24.4	370	1.96	0.34	0.14	<0.02	93.3	3.5	72	27.9	5.7
N830823	0.50	<0.01	0.04	8.73	749	470	3.07	0.33	1.14	0.06	62.4	18.0	72	43.3	41.3
N389124	0.55	<0.01	0.03	1.52	65.7	60	0.22	0.03	0.55	0.03	18.45	6.8	38	1.60	19.0
N389125	0.88	0.01	0.01	1.65	34.8	110	0.30	0.02	0.88	0.04	28.6	5.3	38	1.46	12.7
N389126	0.59	<0.01	<0.01	0.40	189.0	50	0.14	<0.01	7.16	0.55	4.66	1.5	14	0.33	3.6
N389127	0.75	<0.01	0.01	0.36	57	1050	0.20	0.01	17.10	0.40	14.90	1.5	5	0.26	8.8
N389128	0.41	<0.01	0.06	4.71	6880	230	1.37	0.10	0.28	0.30	36.3	106.5	95	11.85	442
N389129	0.68	<0.01	0.01	0.67	17	80	0.40	0.02	15.80	0.19	9.30	2.0	8	0.81	7.5
N389130	0.63	<0.01	0.09	5.97	997	180	0.75	0.18	0.07	0.21	54.1	33.1	65	5.03	118.5
Q005801	0.36	<0.01	0.14	0.52	<5	300	0.15	0.02	22.9	0.30	6.37	1.2	20	0.94	6.1
Q005802	0.29	<0.01	1.74	0.05	28.4	250	0.10	0.04	0.11	0.89	1.29	10.3	16	0.07	71.9
Q005803	0.41	<0.01	0.05	0.26	<5	1000	0.19	0.02	27.2	0.32	5.48	1.3	9	0.14	2.4
Q005804	0.31	<0.01	0.03	0.15	<5	80	<0.05	0.01	33.9	1.54	1.39	0.7	3	0.25	1.7
Q005805	0.33	<0.01	0.22	0.16	175.5	140	0.22	0.09	0.40	3.37	1.85	20.5	86	0.29	69.2
Q005806	0.15	<0.01	1.02	2.70	14.0	2890	1.00	0.13	0.29	0.69	27.1	14.1	106	2.65	27.0
Q005807	0.30	<0.01	0.05	0.61	105.0	1380	4.92	0.02	0.29	1.13	3.93	17.5	9	0.63	17.8
Q005808	0.23	<0.01	0.17	1.52	630	730	4.48	0.06	0.29	3.49	10.80	7.9	38	3.25	20.8
Q005809	0.14	<0.01	0.64	3.53	65.8	1690	1.84	0.09	0.25	0.80	23.7	10.0	72	0.89	45.2
Q005810	0.20	<0.01	1.41	4.43	9.2	280	1.85	0.31	0.29	0.03	224	0.5	311	17.20	11.6
Q005666	0.20	<0.01	0.06	0.55	299	160	0.14	0.03	30.2	0.38	10.35	2.4	5	0.47	3.8
Q005667	0.32	0.02	0.05	0.27	6	50	0.08	0.02	19.60	<0.02	13.00	1.4	7	0.35	2.8
Q005668	0.26	<0.01	0.02	0.33	<5	30	0.11	0.02	17.15	0.02	5.85	0.8	5	0.28	1.8
Q005669	0.36	0.01	0.03	0.19	<5	10	<0.05	0.02	19.70	<0.02	11.60	0.6	2	0.13	1.9
Q005670	0.24	<0.01	0.08	1.36	287	80	0.23	0.18	0.19	0.07	29.8	41.5	12	2.26	51.8
Q005671	0.21	0.01	0.04	0.21	177	130	0.10	0.01	33.4	0.43	3.23	2.2	3	0.14	2.6
Q005672	0.26	<0.01	0.01	0.16	<5	30	0.12	0.01	19.90	0.03	3.13	0.7	1	0.17	1.1
Q005673	0.31	<0.01	0.08	3.32	11	270	0.90	0.12	19.90	<0.02	43.5	5.1	30	3.14	12.6
Q005674	0.26	<0.01	0.02	0.36	5	120	0.17	0.02	33.9	0.06	6.13	1.0	5	0.42	1.9
Q005675	0.14	<0.01	0.20	6.04	22	420	1.60	0.26	10.20	0.04	85.3	11.1	64	6.36	23.7
Q005676	0.21	<0.01	0.18	3.61	64	260	0.81	0.14	16.15	0.08	62.7	8.0	41	4.05	17.7
Q005677	0.13	<0.01	0.27	5.10	66	2120	1.17	0.21	15.30	0.06	61.9	6.5	53	5.91	21.1
Q005678	0.32	<0.01	0.03	1.04	<5	310	0.22	0.04	33.3	<0.02	11.40	1.7	11	0.96	4.4
Q005679	0.23	<0.01	0.24	4.99	20	360	1.04	0.20	13.65	0.06	71.2	9.5	60	4.90	21.3
Q005680	0.19	0.02	0.22	5.50	18	400	1.22	0.23	12.65	0.06	74.1	9.0	65	5.75	20.4
Q005681	0.21	<0.01	0.19	7.13	23.7	480	2.05	0.32	2.61	0.07	71.3	14.2	73	8.11	27.4
Q005682	0.36	<0.01	0.02	0.95	10	180	0.31	0.04	30.2	0.06	27.1	1.7	9	0.88	3.7
Q005683	0.28	<0.01	0.05	2.04	<5	230	1.01	0.08	23.0	<0.02	33.2	2.8	17	4.85	6.2
Q005684	0.12	0.16	0.22	0.40	154.0	40	0.11	0.09	0.40	2.82	4.63	3.1	5	0.95	48.4

***** See Appendix Page for comments regarding this certificate *****

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Project: Nadaleen

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Account: RCM

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N830820		3.40	25.4	0.21	3.9	0.18	0.060	3.87	36.3	88.7	0.50	115	0.25	0.06	14.3	17.8
N830821		1.85	11.50	0.09	2.0	0.98	0.027	1.89	29.2	16.4	0.51	267	0.41	0.04	6.5	16.0
N830822		1.36	27.5	0.40	4.1	0.29	0.056	4.42	45.9	57.0	0.56	26	0.22	0.06	15.7	7.8
N830823		4.11	25.2	0.25	3.3	0.61	0.065	2.82	27.9	120.5	0.39	420	0.45	0.06	14.1	45.8
N389124		2.23	3.97	0.13	1.1	0.05	0.006	0.36	8.3	16.4	0.14	315	0.34	0.43	2.4	15.0
N389125		2.20	4.35	0.10	1.8	0.13	0.008	0.44	12.3	15.3	0.21	333	0.21	0.01	2.8	12.1
N389126		2.87	0.98	<0.05	0.1	0.22	<0.005	0.14	1.3	8.9	2.30	793	0.15	0.01	0.5	3.6
N389127		4.36	1.26	<0.05	0.1	0.06	<0.005	0.06	4.1	3.9	7.25	2450	0.06	0.03	0.4	1.9
N389128		22.5	17.00	0.06	1.3	2.41	0.178	1.36	13.4	107.0	0.29	1830	0.63	0.01	6.3	74.1
N389129		3.81	1.85	<0.05	0.3	0.05	<0.005	0.22	3.7	5.1	5.41	997	0.16	0.02	0.8	5.0
N389130		9.43	17.30	0.05	1.6	2.42	0.081	1.15	23.9	36.5	0.24	633	0.47	0.01	10.0	47.3
Q005801		0.38	1.32	0.09	0.2	0.03	<0.005	0.19	10.3	3.4	0.14	103	1.40	0.01	0.9	9.5
Q005802		5.59	0.33	0.10	<0.1	0.59	<0.005	0.02	1.3	1.8	0.02	79	6.38	<0.01	0.1	61.9
Q005803		0.32	0.63	0.07	0.3	0.04	<0.005	0.08	4.9	5.7	0.61	160	0.65	0.01	0.6	4.7
Q005804		0.09	0.37	<0.05	0.1	0.03	<0.005	0.04	2.7	1.2	0.12	67	0.07	<0.01	0.2	7.4
Q005805		13.90	1.36	<0.05	0.1	0.30	<0.005	0.05	3.7	4.0	0.04	190	26.7	<0.01	0.3	74.3
Q005806		3.94	6.33	0.05	1.1	0.28	0.047	0.60	20.5	70.1	0.11	111	1.18	0.14	3.3	71.6
Q005807		>50	9.95	1.95	0.2	0.14	0.006	0.11	3.1	14.4	0.11	2260	8.04	0.01	0.6	167.0
Q005808		40.0	5.84	0.45	0.6	0.55	0.015	0.36	6.2	11.3	0.12	90	7.02	0.03	1.6	104.0
Q005809		4.22	5.56	<0.05	1.2	2.09	0.021	0.46	18.7	50.7	0.09	60	3.78	0.03	3.6	123.5
Q005810		12.65	20.7	0.60	1.9	0.67	0.111	3.58	394	54.3	0.40	<5	0.71	0.11	9.7	4.5
Q005666		0.91	1.43	<0.05	0.3	0.23	<0.005	0.20	6.4	2.8	2.94	705	0.14	0.01	0.7	4.8
Q005667		2.15	0.76	<0.05	0.2	0.11	<0.005	0.14	11.3	2.5	11.35	1540	0.11	0.01	0.5	3.4
Q005668		1.61	0.80	<0.05	0.1	0.04	<0.005	0.16	3.8	2.3	9.52	1210	0.12	0.01	0.4	1.8
Q005669		2.34	0.43	<0.05	0.1	0.06	<0.005	0.09	8.1	1.3	11.45	1680	0.08	0.01	0.3	1.0
Q005670		34.7	3.66	<0.05	0.6	2.59	0.026	0.61	9.2	7.1	0.16	331	15.70	0.01	1.7	88.8
Q005671		0.84	0.50	<0.05	0.1	0.16	<0.005	0.06	2.0	1.0	0.49	892	0.14	<0.01	0.1	5.2
Q005672		1.02	0.40	<0.05	0.1	0.03	<0.005	0.07	2.1	2.2	10.70	1050	0.06	0.01	0.2	1.8
Q005673		1.83	8.43	<0.05	1.6	0.23	0.028	1.65	21.3	12.6	0.54	377	0.27	0.02	4.8	12.0
Q005674		0.21	0.86	<0.05	0.2	0.12	<0.005	0.12	3.1	2.1	0.19	109	0.06	0.01	0.5	1.6
Q005675		3.07	15.70	0.09	2.6	1.25	0.054	2.87	41.8	105.0	0.60	474	0.69	0.04	10.0	28.4
Q005676		3.41	9.47	0.05	1.6	1.03	0.035	1.69	29.9	24.0	0.43	428	0.85	0.02	5.6	32.7
Q005677		2.42	13.65	0.10	2.0	1.44	0.036	2.35	32.7	40.9	0.42	506	0.58	0.03	8.1	35.8
Q005678		0.76	2.56	0.08	0.4	0.27	<0.005	0.41	5.8	6.3	0.16	496	0.15	<0.01	1.7	6.0
Q005679		3.33	12.95	0.05	2.1	1.19	0.046	2.37	35.7	55.3	0.76	421	0.89	0.03	8.0	25.0
Q005680		2.59	14.30	0.08	2.4	1.16	0.044	2.51	37.6	48.9	0.52	435	0.68	0.03	9.3	23.8
Q005681		3.10	19.65	0.27	3.2	1.58	0.048	3.65	35.6	79.3	0.61	300	0.67	0.05	12.0	36.6
Q005682		0.81	2.64	0.10	0.4	0.16	0.040	0.44	7.9	20.7	0.20	404	0.08	0.01	1.5	2.9
Q005683		1.85	5.02	0.07	0.8	0.07	0.014	0.94	14.0	14.5	2.55	408	0.09	0.18	2.9	6.2
Q005684		>50	1.23	0.67	0.2	4.43	0.006	0.14	2.3	2.2	0.14	540	1.62	0.01	0.5	36.9

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N830820		390	26.7	190.0	0.002	0.27	0.44	14.7	1	2.8	149.0	1.09	0.08	12.9	0.458	1.44
N830821		660	11.5	104.5	0.002	0.01	0.68	7.4	1	1.3	782	0.48	<0.05	7.8	0.209	3.75
N830822		290	17.2	200	0.002	0.11	0.25	13.9	1	6.6	131.0	1.14	0.05	14.7	0.491	1.61
N830823		870	18.3	139.5	0.002	0.03	1.55	15.5	1	2.6	490	1.06	0.07	11.0	0.433	2.62
N389124		120	8.7	18.6	<0.002	0.01	0.58	5.1	1	0.5	20.3	0.17	<0.05	3.4	0.251	0.16
N389125		100	2.7	21.2	0.002	0.01	0.32	4.9	1	0.4	58.1	0.19	<0.05	5.3	0.215	0.13
N389126		70	1.1	7.1	0.002	0.05	0.21	2.3	1	1.7	121.5	<0.05	<0.05	0.3	0.029	0.46
N389127		70	6.3	3.9	<0.002	0.11	0.51	7.6	1	<0.2	173.0	<0.05	<0.05	0.3	0.024	0.06
N389128		690	8.9	92.4	0.002	0.05	24.0	39.4	2	1.2	761	0.40	0.09	3.2	0.617	7.93
N389129		160	0.9	11.0	<0.002	<0.01	0.11	3.0	1	0.2	190.0	0.06	<0.05	0.8	0.034	0.09
N389130		650	16.4	68.2	0.002	0.14	8.38	23.3	1	1.7	624	0.66	0.20	4.1	0.587	5.11
Q005801		270	1.7	9.2	0.013	0.01	0.24	2.2	3	0.2	235	0.05	<0.05	0.7	0.029	0.09
Q005802		310	12.7	0.7	0.006	0.58	4.01	0.3	49	<0.2	8.2	<0.05	<0.05	<0.2	<0.005	0.13
Q005803		580	1.4	3.2	0.005	0.05	0.26	1.4	1	<0.2	777	0.05	<0.05	0.6	0.015	0.04
Q005804		290	0.6	2.2	<0.002	<0.01	0.11	0.4	<1	<0.2	107.5	<0.05	<0.05	0.2	0.005	0.03
Q005805		1500	33.5	2.5	<0.002	0.05	72.8	0.3	4	<0.2	14.0	<0.05	1.69	0.4	0.008	1.70
Q005806		1190	6.6	34.2	0.010	0.36	1.57	5.2	2	0.6	313	0.20	0.11	3.6	0.139	0.38
Q005807		1930	5.5	5.8	<0.002	0.03	9.21	3.2	1	<0.2	26.9	0.05	<0.05	0.5	0.021	0.98
Q005808		4200	5.5	22.4	0.002	0.02	24.8	8.6	3	0.3	26.3	0.10	<0.05	1.4	0.064	0.21
Q005809		870	13.5	22.7	0.005	0.06	2.58	5.9	5	0.5	88.5	0.23	0.08	3.0	0.118	0.14
Q005810		>10000	14.7	210	0.011	3.61	1.59	32.4	13	1.9	1055	0.51	0.28	20.9	0.275	1.30
Q005666		660	5.1	6.7	<0.002	<0.01	3.41	1.2	1	0.2	110.5	<0.05	<0.05	1.2	0.018	0.10
Q005667		910	7.8	5.0	<0.002	0.04	1.06	0.8	<1	<0.2	85.0	<0.05	<0.05	0.7	0.013	0.05
Q005668		400	3.9	4.6	<0.002	0.01	0.51	0.4	<1	<0.2	70.9	0.05	<0.05	0.4	0.011	0.05
Q005669		980	4.9	2.5	<0.002	0.01	0.50	0.3	1	<0.2	60.9	<0.05	<0.05	0.4	0.009	0.03
Q005670		1260	38.6	18.6	0.003	0.08	1.66	2.5	3	0.7	23.8	0.13	0.50	3.0	0.047	1.55
Q005671		50	3.2	2.2	<0.002	<0.01	3.18	2.4	1	<0.2	141.5	<0.05	<0.05	0.4	<0.005	0.12
Q005672		490	3.0	2.3	<0.002	<0.01	0.30	0.3	1	<0.2	269	<0.05	<0.05	0.3	0.006	0.05
Q005673		380	26.4	63.3	<0.002	0.67	1.01	5.5	1	1.0	833	0.35	<0.05	6.2	0.144	0.34
Q005674		590	1.8	4.7	<0.002	0.01	0.32	1.3	1	<0.2	1685	<0.05	<0.05	0.8	0.014	0.04
Q005675		240	63.6	110.0	0.002	1.95	0.75	10.1	2	1.9	580	0.72	<0.05	12.4	0.283	0.69
Q005676		340	27.4	64.7	0.003	0.27	2.25	7.1	2	1.2	977	0.43	<0.05	7.5	0.167	0.43
Q005677		300	31.3	89.4	0.002	0.08	1.92	8.8	2	1.7	649	0.59	<0.05	10.2	0.232	0.58
Q005678		80	7.4	14.9	<0.002	0.03	0.27	2.5	1	0.4	495	0.12	<0.05	2.0	0.048	0.12
Q005679		300	59.4	90.7	0.005	2.24	0.54	8.6	3	1.6	875	0.59	<0.05	10.3	0.237	0.58
Q005680		630	23.9	99.0	0.003	0.58	0.77	9.7	2	1.8	1390	0.66	<0.05	11.7	0.261	0.63
Q005681		230	28.2	122.0	0.002	2.38	0.38	11.9	2	2.3	171.5	0.86	<0.05	12.7	0.341	1.05
Q005682		40	3.0	16.0	<0.002	0.08	0.63	4.8	2	0.3	3230	0.10	<0.05	2.3	0.042	0.10
Q005683		200	5.1	39.8	<0.002	0.27	0.08	5.6	<1	0.7	1510	0.23	<0.05	4.1	0.079	0.18
Q005684		1120	120.0	5.8	<0.002	0.09	14.50	0.8	5	0.2	29.8	<0.05	<0.05	0.7	0.014	0.75

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.1
N830820		2.9	108	2.8	15.2	82	127.0				
N830821		3.1	43	0.9	12.5	55	67.8				
N830822		2.5	101	1.9	17.0	30	135.0				
N830823		3.2	82	7.9	15.3	112	111.5				
N389124		0.5	75	0.6	4.7	24	38.5				
N389125		0.7	48	0.6	6.7	22	64.2				
N389126		0.1	17	0.1	9.6	47	5.0				
N389127		0.1	54	0.1	17.6	9	4.5				
N389128		0.7	217	3.9	13.4	175	40.1				
N389129		0.3	21	0.2	10.9	20	8.3				
N389130		0.9	193	2.0	17.0	86	63.1				
Q005801		1.7	22	0.1	14.8	29	8.4				
Q005802		1.3	78	1.8	1.7	118	1.7				
Q005803		1.5	29	0.1	10.9	23	14.5				
Q005804		1.2	6	<0.1	6.3	67	1.9				
Q005805		1.7	792	2.1	7.0	529	5.1				
Q005806		4.1	138	0.4	25.3	210	38.1				
Q005807		2.4	152	1.8	21.8	622	7.1				
Q005808		4.0	249	0.7	105.5	806	20.6				
Q005809		3.6	118	0.6	35.7	211	43.0				
Q005810		4.8	254	1.0	44.9	18	84.0				
Q005666		1.4	6	0.5	4.0	169	9.8				
Q005667		1.9	5	0.2	4.9	4	7.3				
Q005668		0.6	3	0.2	3.7	3	4.9				
Q005669		1.8	1	0.1	3.6	3	4.9				
Q005670		1.7	12	0.2	12.0	59	19.3				
Q005671		1.8	7	0.2	9.0	56	3.4				
Q005672		1.8	3	0.1	1.5	20	4.1				
Q005673		2.3	36	0.7	13.3	13	55.9				
Q005674		5.9	5	0.2	3.2	16	16.1				
Q005675		2.6	72	1.3	19.6	19	86.8				
Q005676		2.7	47	0.9	19.7	101	61.5				
Q005677		3.1	63	1.2	18.6	112	70.3				
Q005678		0.6	14	0.3	13.6	14	14.7				
Q005679		2.6	62	1.1	16.9	33	69.9				
Q005680		3.3	69	1.3	17.5	20	87.0				
Q005681		2.5	96	1.6	15.0	38	98.5				
Q005682		0.5	11	0.5	26.0	27	14.2				
Q005683		1.6	21	0.4	13.8	13	30.4				
Q005684		4.0	5	0.1	2.5	7380	7.4				

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005685		0.18	<0.01	0.06	2.56	<5	290	0.81	0.10	23.3	0.03	53.7	3.4	21	3.68	7.3
Q005686		0.28	0.01	0.07	1.95	13.8	80	0.20	0.10	0.12	0.05	24.8	3.7	25	1.49	7.9
Q005687		0.29	0.10	0.21	8.27	215	490	2.20	0.34	0.99	0.32	98.3	15.9	69	13.70	32.5
Q005688		0.41	0.04	0.07	0.72	29	120	0.13	0.04	27.7	1.67	15.75	3.0	6	0.42	4.0
Q005689		0.33	0.03	0.11	1.17	17	110	0.15	0.05	27.3	2.12	15.80	3.0	8	0.83	4.2
Q005690		0.21	<0.01	0.02	2.89	3.0	180	0.59	0.14	1.03	0.02	197.5	5.8	22	5.34	9.2
Q005691		0.10	<0.01	0.02	4.13	6.3	450	0.56	0.24	0.78	<0.02	42.4	2.3	27	8.22	11.0
Q005692		0.18	0.01	0.01	4.62	12.7	210	0.82	0.28	0.06	0.02	48.0	3.0	29	5.66	16.9
Q005693		0.13	<0.01	0.02	1.37	8.8	80	0.25	0.09	9.54	0.07	36.4	8.7	9	1.09	5.0
Q005694		0.27	<0.01	0.01	0.12	8	20	0.06	0.02	20.5	0.10	4.52	0.4	<1	0.14	1.5
Q005695		0.23	0.01	0.01	0.19	11	20	0.15	0.03	14.00	0.07	3.08	0.4	2	0.10	1.5
Q005696		0.21	<0.01	0.06	7.29	6.4	640	1.70	0.37	0.15	<0.02	49.5	4.7	67	8.69	25.2
Q005697		0.18	<0.01	<0.01	0.05	6	10	<0.05	0.02	17.30	<0.02	0.87	0.3	<1	0.05	1.0
Q005698		0.15	0.02	0.04	0.90	40	50	0.25	0.06	18.15	0.15	11.50	2.0	5	1.03	4.7
Q005699		0.20	0.03	0.09	6.54	22.2	300	1.68	0.29	6.35	0.07	47.1	13.6	56	9.34	19.9
Q005700		0.13	0.03	0.11	7.98	26.7	370	2.17	0.36	5.40	0.03	56.8	14.7	66	12.75	23.0
Q005701		0.14	0.02	0.10	6.86	26.6	300	1.72	0.27	8.09	0.02	55.2	14.3	52	10.50	21.0
Q005702		0.41	<0.01	0.03	0.30	<5	20	0.08	0.03	20.6	<0.02	5.91	0.8	<1	0.30	1.8
Q005703		0.37	0.02	0.02	0.40	6	20	0.09	0.03	20.5	0.08	6.65	1.2	<1	0.30	2.5
Q005704		0.21	<0.01	<0.01	0.10	5	10	0.05	0.02	20.8	<0.02	2.25	0.3	<1	0.06	0.9
Q005705		0.31	<0.01	0.04	0.95	12	40	0.18	0.06	18.95	0.03	8.55	2.4	4	0.75	6.1
Q005706		0.33	<0.01	0.01	0.24	<5	20	0.11	0.03	20.1	0.05	4.77	0.6	<1	0.16	1.8
Q005707		0.16	0.03	0.08	0.95	220	70	0.35	0.05	28.9	1.11	11.65	1.9	1	1.27	8.1
Q005708		0.20	<0.01	<0.01	0.03	5	<10	<0.05	0.02	20.2	<0.02	1.07	0.3	<1	<0.05	1.0
Q005709		0.38	<0.01	<0.01	0.10	8	10	0.05	0.02	35.5	<0.02	2.32	0.6	<1	0.12	2.0
Q005710		0.14	<0.01	0.04	6.31	9.3	510	1.15	0.33	0.41	<0.02	74.2	2.1	40	17.90	18.9
Q005711		0.27	<0.01	<0.01	0.05	5	10	<0.05	0.02	19.70	0.06	4.48	0.3	<1	0.07	1.5
Q005867		0.22	<0.01	<0.01	0.04	<5	10	<0.05	0.02	16.90	0.02	0.95	0.3	<1	0.06	1.3
Q005868		0.17	<0.01	0.04	0.10	50	490	0.20	0.02	34.1	1.72	2.87	2.7	<1	0.08	3.7
Q005869		0.16	<0.01	0.03	0.30	84	170	0.15	0.03	33.3	0.07	5.40	0.8	<1	0.19	2.2
Q005870		0.28	0.01	0.02	0.11	167	90	0.08	0.01	34.7	0.08	6.01	0.5	<1	0.08	1.4
Q005871		0.21	<0.01	0.01	0.17	68	40	0.14	0.02	27.1	0.40	5.36	1.2	<1	0.22	3.1
Q005872		0.54	0.01	0.01	0.13	68	150	0.07	0.02	29.9	<0.02	6.14	1.1	<1	0.12	1.7
Q005873		0.32	<0.01	<0.01	0.55	<5	110	0.21	0.03	27.6	<0.02	11.30	0.7	<1	0.45	1.5
Q005874		0.10	<0.01	0.01	0.10	12	10	0.05	0.02	20.5	0.37	9.29	0.3	<1	0.05	2.0
Q005875		0.24	0.01	0.13	3.81	35	280	0.96	0.26	11.80	0.76	34.0	5.6	40	6.42	19.8
Q005876		0.10	0.01	0.04	0.68	18	40	0.18	0.05	20.2	0.24	11.80	1.1	1	0.51	3.5
Q005877		0.19	<0.01	0.01	0.06	6	10	<0.05	0.02	21.2	0.09	3.22	0.3	<1	0.07	1.4
Q005878		0.32	0.01	0.19	2.38	13	210	0.57	0.14	17.15	0.17	30.0	4.9	22	3.51	13.6
Q005879		0.10	<0.01	0.01	0.08	<5	10	<0.05	0.02	19.25	<0.02	1.29	0.5	<1	0.07	1.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005685		1.83	6.30	<0.05	1.0	0.06	0.035	1.25	24.3	11.8	0.48	302	0.12	0.13	3.7	8.6
Q005686		1.39	4.79	0.07	0.9	0.06	0.007	0.93	11.4	24.3	0.12	140	0.33	0.01	2.8	10.9
Q005687		5.05	21.8	0.21	2.9	0.71	0.094	2.92	47.7	40.7	0.70	403	0.48	0.27	10.4	61.3
Q005688		0.86	1.85	<0.05	0.3	0.99	0.010	0.36	7.1	2.9	0.29	614	0.19	<0.01	0.7	4.8
Q005689		0.95	3.03	<0.05	0.4	0.99	0.009	0.61	8.3	3.9	1.39	619	0.15	0.01	1.4	5.9
Q005690		1.60	7.82	0.25	1.2	0.09	0.038	1.62	64.3	21.7	0.28	139	0.19	0.03	4.2	17.5
Q005691		1.50	10.50	0.30	1.9	0.05	0.025	2.61	24.7	22.0	0.30	62	0.23	0.13	6.4	6.1
Q005692		1.04	12.05	0.07	2.1	0.09	0.022	2.30	30.1	29.7	0.35	75	0.37	0.02	7.5	6.8
Q005693		0.97	3.28	0.11	0.6	0.04	0.062	0.63	12.0	39.0	0.23	424	0.18	0.01	1.6	18.4
Q005694		0.63	0.37	0.07	<0.1	0.28	<0.005	0.04	3.1	1.3	11.40	793	0.06	0.01	0.1	0.5
Q005695		0.79	0.46	0.05	0.1	0.15	<0.005	0.08	1.6	2.1	8.03	504	0.11	0.01	0.3	1.4
Q005696		3.03	20.6	0.13	3.7	0.03	0.069	3.63	24.5	34.7	0.52	41	0.39	0.48	13.1	8.8
Q005697		0.26	0.17	0.18	<0.1	0.01	<0.005	0.02	0.5	1.9	10.90	196	0.08	0.01	0.1	0.3
Q005698		0.82	2.22	0.08	0.5	0.16	0.008	0.38	7.2	7.7	11.05	410	0.12	0.01	1.5	4.9
Q005699		3.90	17.10	0.12	2.6	0.37	0.040	3.30	33.0	63.5	3.96	404	0.21	0.03	10.0	30.6
Q005700		3.00	22.5	0.15	3.3	0.47	0.041	4.23	38.6	82.3	3.58	261	0.25	0.04	13.7	33.0
Q005701		3.02	17.10	0.12	2.6	0.46	0.037	3.38	38.3	59.6	5.02	326	0.25	0.03	10.1	32.9
Q005702		0.43	0.76	0.11	0.1	0.03	0.005	0.14	3.3	3.5	11.55	289	0.07	0.01	0.4	1.2
Q005703		0.52	0.97	0.11	0.2	0.08	0.006	0.17	3.7	4.1	11.45	328	0.06	0.01	0.6	2.0
Q005704		0.36	0.33	0.18	<0.1	0.02	<0.005	0.04	1.2	1.6	12.10	404	<0.05	0.01	0.1	<0.2
Q005705		0.75	2.44	0.12	0.4	0.35	0.009	0.44	5.3	7.9	10.60	297	0.12	0.01	1.7	4.5
Q005706		0.36	0.60	0.14	0.2	0.07	<0.005	0.09	3.0	3.4	11.55	455	0.05	0.01	0.4	0.8
Q005707		0.75	2.38	0.10	0.4	1.63	0.009	0.36	6.3	6.9	2.61	375	0.14	0.02	1.0	5.2
Q005708		0.25	0.16	0.21	<0.1	0.01	<0.005	0.01	0.6	0.9	12.10	470	0.06	0.01	0.1	0.3
Q005709		0.05	0.29	0.18	<0.1	0.03	<0.005	0.05	1.7	1.0	0.38	113	0.06	0.01	0.2	0.6
Q005710		1.81	15.40	0.21	2.6	0.09	0.034	3.71	41.6	40.5	0.57	29	0.90	0.26	11.1	5.2
Q005711		1.86	0.18	0.06	0.1	0.04	<0.005	0.02	3.2	0.8	11.25	1550	0.06	0.01	0.1	0.2
Q005867		0.44	0.14	0.11	<0.1	0.02	<0.005	0.01	0.5	1.5	10.45	529	0.09	0.01	0.1	0.4
Q005868		1.05	0.42	<0.05	0.1	0.50	<0.005	0.03	3.9	0.7	1.50	2400	0.27	<0.01	0.1	2.2
Q005869		1.69	0.71	<0.05	0.1	0.14	<0.005	0.10	3.2	1.2	1.83	1140	0.14	<0.01	0.3	2.4
Q005870		1.17	0.36	<0.05	<0.1	0.09	<0.005	0.05	2.5	0.6	1.33	879	0.16	<0.01	<0.1	1.8
Q005871		0.90	0.50	<0.05	0.1	0.16	<0.005	0.06	2.8	1.4	6.03	642	0.12	0.01	0.2	2.5
Q005872		1.37	0.37	<0.05	0.1	0.12	<0.005	0.05	4.4	0.9	3.93	1380	0.16	<0.01	0.1	1.8
Q005873		0.92	1.39	<0.05	0.2	0.01	0.014	0.26	4.7	5.5	2.05	370	0.06	0.01	0.6	0.8
Q005874		1.42	0.24	0.05	<0.1	0.05	<0.005	0.02	5.5	1.0	11.55	1210	0.08	0.02	0.1	1.2
Q005875		1.90	9.45	0.11	2.0	0.52	0.033	1.80	20.4	46.2	2.72	423	0.45	0.04	6.6	20.9
Q005876		1.35	1.56	0.06	0.3	0.27	0.010	0.25	5.2	5.8	9.57	1080	0.12	0.01	0.8	3.4
Q005877		1.19	0.16	0.05	<0.1	0.02	<0.005	0.02	2.1	1.1	11.00	1080	0.06	0.01	0.1	0.4
Q005878		1.27	5.95	0.12	1.4	0.27	0.015	1.00	14.2	12.5	3.31	228	0.49	0.08	4.0	18.1
Q005879		0.62	0.23	0.11	0.1	0.02	<0.005	0.04	0.9	1.3	11.65	469	0.06	0.01	0.1	0.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005685		300	12.2	49.0	<0.002	0.20	0.17	4.3	1	0.8	1300	0.28	<0.05	4.8	0.100	0.23
Q005686		100	14.1	24.2	<0.002	0.02	3.31	2.8	<1	0.5	17.0	0.21	<0.05	3.9	0.078	0.17
Q005687		980	47.2	131.0	<0.002	<0.01	10.75	13.3	1	2.4	135.5	0.79	<0.05	14.4	0.299	1.05
Q005688		550	10.3	9.4	<0.002	<0.01	2.67	1.4	1	0.2	553	0.06	<0.05	1.3	0.021	0.12
Q005689		300	8.8	16.9	<0.002	<0.01	1.72	2.2	1	0.4	792	0.10	<0.05	1.9	0.036	0.15
Q005690		110	20.8	45.1	<0.002	0.77	0.15	6.9	1	0.8	39.7	0.30	<0.05	6.3	0.115	0.27
Q005691		140	36.2	74.7	<0.002	0.80	0.25	5.4	<1	1.1	61.1	0.48	<0.05	6.6	0.178	0.42
Q005692		130	26.6	70.0	0.002	0.03	3.88	7.0	1	1.5	30.5	0.54	<0.05	9.5	0.208	0.36
Q005693		210	8.1	17.8	<0.002	0.01	2.28	4.1	1	0.6	140.5	0.12	<0.05	2.5	0.046	0.13
Q005694		220	1.4	1.2	<0.002	<0.01	0.47	0.2	1	0.2	82.4	<0.05	<0.05	0.2	<0.005	<0.02
Q005695		470	4.1	2.5	<0.002	<0.01	0.72	0.3	1	0.2	189.5	<0.05	<0.05	0.5	0.009	0.02
Q005696		150	25.2	142.0	0.002	0.12	0.39	12.6	1	2.6	56.3	0.88	0.06	10.9	0.390	0.69
Q005697		190	0.7	0.7	0.002	<0.01	0.22	0.1	<1	<0.2	42.4	<0.05	<0.05	<0.2	<0.005	<0.02
Q005698		390	8.9	12.9	0.002	<0.01	3.74	1.9	1	0.4	66.8	0.10	<0.05	2.0	0.044	0.05
Q005699		400	54.6	90.0	<0.002	0.02	4.83	10.3	1	2.1	41.5	0.72	<0.05	9.8	0.297	0.63
Q005700		210	59.5	109.0	0.002	0.03	5.77	12.9	1	2.7	42.9	0.94	<0.05	12.6	0.365	0.76
Q005701		210	56.0	118.0	<0.002	0.03	5.86	12.4	1	2.2	44.3	0.72	<0.05	13.8	0.300	0.60
Q005702		210	2.8	4.9	0.002	<0.01	0.41	1.2	<1	0.2	80.6	<0.05	<0.05	0.7	0.013	0.02
Q005703		430	3.9	5.3	<0.002	<0.01	0.59	1.9	1	0.2	77.5	<0.05	<0.05	1.0	0.017	0.02
Q005704		280	<0.5	1.2	<0.002	<0.01	0.07	0.2	1	<0.2	151.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q005705		640	14.2	12.1	0.002	0.01	0.62	2.1	<1	0.4	88.5	0.12	<0.05	2.1	0.041	0.06
Q005706		240	3.1	2.8	<0.002	<0.01	0.28	0.6	<1	0.2	59.2	<0.05	<0.05	0.5	0.010	<0.02
Q005707		320	14.7	14.5	0.002	0.03	11.05	2.3	1	0.3	73.8	0.07	<0.05	2.0	0.031	0.11
Q005708		200	0.7	0.3	<0.002	<0.01	0.05	0.1	<1	<0.2	57.6	<0.05	<0.05	<0.2	<0.005	<0.02
Q005709		650	1.5	1.4	<0.002	<0.01	<0.05	0.3	1	0.2	277	<0.05	<0.05	0.2	0.005	<0.02
Q005710		210	22.0	126.0	0.003	0.14	0.24	8.9	1	1.9	87.0	0.80	<0.05	14.5	0.304	0.54
Q005711		250	1.6	0.7	<0.002	<0.01	0.17	0.2	<1	<0.2	35.2	<0.05	<0.05	<0.2	<0.005	<0.02
Q005867		190	1.0	0.6	<0.002	<0.01	0.10	0.1	<1	<0.2	101.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q005868		450	1.7	1.1	<0.002	<0.01	1.06	1.2	<1	0.2	112.0	<0.05	<0.05	<0.2	<0.005	0.12
Q005869		320	3.5	3.9	<0.002	<0.01	1.05	0.6	1	0.2	344	<0.05	<0.05	0.4	0.008	0.09
Q005870		310	1.5	1.9	0.002	<0.01	1.85	2.0	1	<0.2	294	<0.05	<0.05	0.3	<0.005	0.14
Q005871		510	3.8	2.2	<0.002	<0.01	3.27	1.8	<1	0.2	84.7	<0.05	<0.05	0.4	0.006	0.02
Q005872		260	1.6	1.9	<0.002	<0.01	1.36	1.0	<1	<0.2	177.0	<0.05	<0.05	0.3	<0.005	0.04
Q005873		60	1.9	9.8	<0.002	<0.01	<0.05	1.5	1	0.3	1700	0.05	<0.05	1.1	0.018	0.04
Q005874		300	5.0	0.7	0.002	<0.01	0.33	0.2	<1	<0.2	90.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q005875		750	61.0	68.8	0.002	0.03	1.93	4.5	1	1.3	733	0.47	<0.05	7.1	0.186	0.48
Q005876		110	8.4	7.8	<0.002	<0.01	0.93	2.9	1	0.3	171.0	0.05	<0.05	1.3	0.022	0.07
Q005877		130	3.6	0.6	<0.002	<0.01	0.38	0.3	1	<0.2	65.0	<0.05	<0.05	<0.2	<0.005	0.02
Q005878		1520	28.5	38.6	<0.002	0.06	0.58	3.8	1	0.9	384	0.28	<0.05	5.5	0.112	0.32
Q005879		140	1.1	1.1	<0.002	<0.01	0.18	0.2	<1	<0.2	39.1	<0.05	<0.05	0.2	<0.005	<0.02

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Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	Hg-CV42 Hg ppm 0.1
Q005685		1.7	22	0.5	14.2	53	36.3				
Q005686		0.8	17	1.2	3.2	31	27.1				
Q005687		4.3	80	2.2	19.2	2290	97.9				
Q005688		1.5	6	0.4	8.0	441	13.8				
Q005689		1.0	9	0.6	7.1	594	13.9				
Q005690		1.1	20	0.5	22.5	10	37.8				
Q005691		1.0	34	0.7	6.7	9	60.7				
Q005692		1.7	44	1.4	7.7	14	66.9				
Q005693		0.7	11	0.5	21.2	21	17.5				
Q005694		0.8	1	0.1	3.0	59	1.4				
Q005695		1.2	2	0.2	1.5	44	5.2				
Q005696		2.2	116	1.4	9.5	73	117.0				
Q005697		0.6	1	<0.1	0.8	2	0.7				
Q005698		1.5	11	0.6	4.2	49	16.4				
Q005699		2.8	79	3.0	9.0	25	88.1				
Q005700		2.3	93	3.8	8.7	18	108.0				
Q005701		2.3	75	2.9	9.7	18	90.0				
Q005702		0.6	4	0.1	3.6	2	5.0				
Q005703		1.0	6	0.2	4.0	31	7.5				
Q005704		0.7	1	<0.1	1.7	8	0.8				
Q005705		2.1	8	0.4	5.0	39	15.1				
Q005706		0.9	3	0.1	2.4	48	4.4				
Q005707		39.3	10	0.5	7.4	225	15.7				
Q005708		1.0	<1	<0.1	1.2	2	0.8				
Q005709		1.5	2	<0.1	1.8	5	2.4				
Q005710		2.7	64	1.0	9.7	9	75.5				
Q005711		0.9	1	<0.1	1.6	24	6.8				
Q005867		0.6	1	<0.1	0.7	20	1.4				
Q005868		0.8	3	0.2	8.9	150	2.9				
Q005869		1.5	2	0.2	3.9	12	5.2				
Q005870		1.5	2	0.1	4.6	56	1.8				
Q005871		1.2	4	0.1	4.5	202	4.1				
Q005872		1.3	2	0.1	3.5	87	3.6				
Q005873		0.6	5	0.2	5.8	4	6.7				
Q005874		0.5	1	0.1	2.5	89	1.0				
Q005875		3.9	40	0.9	9.0	535	69.5				
Q005876		0.9	9	0.3	5.5	116	9.3				
Q005877		0.5	1	<0.1	2.0	29	1.0				
Q005878		5.4	21	0.5	11.9	177	46.3				
Q005879		0.5	1	0.1	0.9	15	2.4				

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005880		0.18	<0.01	0.01	0.05	<5	10	<0.05	0.02	22.6	0.02	1.56	0.3	<1	0.05	1.2
Q005881		0.13	<0.01	<0.01	0.08	5	<10	<0.05	0.02	26.1	<0.02	0.74	0.3	<1	<0.05	0.8
Q005882		0.40	<0.01	<0.01	0.14	<5	10	0.05	0.03	26.8	<0.02	6.16	0.4	<1	0.13	1.1
Q005883		0.32	<0.01	0.05	1.71	13	100	0.48	0.11	17.15	0.48	18.55	2.8	17	2.44	8.1
Q005884		0.17	<0.01	<0.01	0.08	<5	10	0.06	0.01	31.8	<0.02	6.90	0.8	1	0.07	1.1
Q005885		0.22	<0.01	0.15	0.86	8	60	0.19	0.07	20.7	28.9	12.95	1.3	9	0.71	16.1
Q005886		0.19	<0.01	0.02	0.16	5.1	20	0.08	0.01	5.44	0.22	3.30	0.5	5	0.26	1.5
Q005887		0.39	0.02	0.31	7.32	113.0	750	2.22	0.33	1.31	0.48	79.0	12.8	74	16.60	26.6
Q005888		0.14	0.01	0.02	0.22	16	20	0.17	0.02	26.0	0.23	6.02	1.4	2	0.29	2.0
Q005889		0.16	0.01	0.02	0.38	8	10	0.13	0.02	23.2	0.05	3.53	0.9	3	0.13	1.3
Q005890		0.19	<0.01	0.07	0.09	159	10	0.18	0.02	31.0	0.28	3.70	1.8	2	0.13	1.5
Q005891		0.23	<0.01	0.02	0.27	27	30	0.16	0.03	24.7	0.55	7.23	2.0	3	0.91	3.7
Q005892		0.35	0.06	0.13	1.43	38	100	0.36	0.10	19.00	0.26	17.60	4.5	12	1.51	10.9
Q005893		0.15	0.02	0.06	0.83	12	60	0.20	0.06	20.5	0.14	12.65	2.7	7	0.78	5.8
Q005894		0.29	<0.01	0.01	0.28	<5	30	0.13	0.01	21.7	0.04	4.76	1.2	2	0.24	1.8
Q005895		0.32	<0.01	0.02	0.47	<5	40	0.15	0.02	19.80	0.07	7.60	1.6	5	0.39	2.4
Q005896		0.43	0.05	0.14	1.94	40	120	0.51	0.12	19.10	0.25	18.95	6.0	16	2.08	14.6
Q005897		0.13	<0.01	0.03	0.44	<5	30	0.13	0.02	21.6	0.10	8.76	1.7	4	0.38	2.7
Q005898		0.37	<0.01	<0.01	0.19	<5	10	0.06	<0.01	12.15	0.02	2.68	0.6	4	0.10	0.7
Q005899		0.35	<0.01	0.05	0.39	<5	20	0.11	0.03	24.9	0.06	6.58	1.2	6	0.30	5.0
Q005900		0.31	<0.01	0.10	0.70	12	30	0.18	0.05	24.9	0.11	9.12	2.0	9	0.46	9.5
Q005901		0.42	<0.01	0.07	0.52	11	30	0.14	0.03	28.6	0.16	5.85	1.5	7	0.39	5.7
Q005902		0.32	<0.01	0.05	0.33	14	30	0.13	0.02	28.1	0.23	5.01	1.3	7	0.27	4.4
Q005903		0.22	<0.01	0.09	0.81	14	40	0.17	0.05	19.95	0.18	6.77	1.9	10	0.55	8.1
Q005904		0.20	0.02	0.03	0.71	<5	30	0.21	0.02	22.5	0.21	8.61	1.8	4	0.40	3.1
Q005905		0.31	<0.01	<0.01	0.04	<5	10	0.07	<0.01	23.5	0.02	0.89	0.8	1	<0.05	0.6
Q005906		0.13	<0.01	<0.01	0.07	<5	10	<0.05	<0.01	22.7	0.02	1.06	0.7	1	0.05	0.6
Q005907		0.18	<0.01	0.01	0.12	<5	20	0.09	0.01	21.1	0.04	2.68	1.0	3	0.09	1.2
Q005908		0.14	<0.01	<0.01	0.09	<5	10	<0.05	<0.01	19.00	0.02	1.63	0.8	2	0.07	0.9
Q005909		0.25	<0.01	0.01	0.02	<5	10	0.05	<0.01	22.3	0.02	0.71	0.8	1	<0.05	0.6
Q005910		0.21	0.01	1.07	0.70	243	120	0.56	0.03	33.3	2.34	9.79	2.2	11	1.24	4.5
Q005911		0.20	0.02	1.23	1.60	637	370	0.65	0.05	31.8	4.20	19.60	3.3	23	1.62	7.7
Q005912		0.08	<0.01	0.97	0.10	256	20	0.40	0.01	35.5	7.62	2.46	2.3	3	0.11	3.3
Q005913		0.36	<0.01	0.20	0.37	171	50	0.41	0.01	37.0	1.22	5.15	2.1	7	0.25	1.6
Q005914		0.30	0.04	4.16	0.94	647	160	0.67	0.04	30.1	38.4	12.35	4.1	13	1.43	9.9
Q005915		0.26	0.56	41.5	1.31	2190	190	0.57	0.06	19.55	195.5	14.40	13.4	21	2.11	37.2
Q005916		0.32	0.01	1.20	0.27	183	40	0.39	0.01	35.2	9.85	3.86	3.2	4	0.27	3.3
Q005917		0.08	<0.01	0.52	0.24	245	60	0.45	0.01	31.9	9.62	3.72	2.1	3	0.23	2.3
Q005918		0.12	0.36	>100	0.68	4410	140	0.34	0.03	1.09	925	7.79	12.2	10	1.13	69.2
Q005919		0.23	0.28	59.5	0.34	1980	70	0.20	0.01	22.9	180.5	4.12	2.8	6	0.39	23.9

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
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Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005880		0.27	0.18	0.22	<0.1	0.01	<0.005	0.02	0.9	0.8	11.35	344	0.05	0.01	0.1	0.4
Q005881		0.21	0.20	0.18	<0.1	0.01	<0.005	0.01	<0.5	1.7	6.97	256	0.05	0.01	<0.1	0.3
Q005882		0.38	0.40	0.14	0.1	0.02	<0.005	0.06	3.2	2.3	6.70	333	0.07	0.01	0.2	0.6
Q005883		1.25	4.62	0.06	0.7	0.53	0.012	0.79	10.0	11.3	8.95	727	0.25	0.03	2.9	8.3
Q005884		0.10	0.22	<0.05	<0.1	0.02	<0.005	0.03	4.4	0.9	5.22	91	<0.05	0.01	0.3	0.5
Q005885		0.58	9.84	0.05	0.3	51.5	0.019	0.41	8.2	3.3	12.00	538	0.16	0.01	1.7	3.6
Q005886		0.41	0.43	<0.05	0.1	0.55	<0.005	0.05	1.2	6.5	2.15	108	0.10	<0.01	0.2	1.7
Q005887		3.87	19.45	0.18	2.6	1.15	0.062	2.45	41.7	48.0	0.74	773	0.67	0.40	11.4	34.2
Q005888		0.83	0.68	<0.05	0.1	0.16	<0.005	0.07	3.4	1.7	9.29	788	<0.05	0.01	0.4	2.6
Q005889		0.63	0.82	<0.05	0.1	0.46	<0.005	0.04	1.8	2.4	10.50	671	<0.05	0.01	0.3	1.7
Q005890		1.52	0.32	0.06	0.1	1.15	<0.005	0.02	2.0	0.9	4.11	542	0.11	<0.01	0.3	3.6
Q005891		2.24	0.92	0.09	0.1	0.07	0.005	0.09	4.3	2.1	9.29	1540	0.11	0.01	0.4	5.3
Q005892		1.68	3.99	0.08	0.7	0.2	0.010	0.60	11.7	9.9	11.10	981	0.16	0.02	3.6	9.7
Q005893		1.21	2.48	0.06	0.4	0.16	0.009	0.36	7.9	6.6	11.90	918	0.10	0.02	1.8	5.1
Q005894		0.73	0.81	<0.05	0.1	0.06	<0.005	0.12	3.0	3.9	12.45	740	<0.05	0.01	0.6	1.7
Q005895		0.60	1.25	<0.05	0.2	0.07	0.005	0.16	4.1	3.8	12.25	535	0.08	0.03	1.0	2.5
Q005896		1.63	5.02	0.09	1.1	0.51	0.014	0.72	11.9	14.7	10.15	674	0.19	0.02	4.9	12.4
Q005897		0.87	1.19	<0.05	0.2	0.14	0.006	0.16	5.4	3.9	11.35	800	0.06	0.02	0.9	2.7
Q005898		0.50	0.52	<0.05	<0.1	0.02	<0.005	0.08	1.0	5.3	7.56	426	0.06	0.01	0.1	1.2
Q005899		0.47	1.03	<0.05	0.2	0.11	<0.005	0.15	3.2	3.6	3.74	293	0.12	0.01	0.7	4.9
Q005900		0.63	1.82	<0.05	0.4	0.20	0.005	0.26	4.7	5.4	1.82	261	0.21	0.01	1.5	9.2
Q005901		0.51	1.28	<0.05	0.3	0.16	<0.005	0.20	3.2	4.0	1.51	204	0.12	0.01	1.1	6.0
Q005902		0.40	0.86	<0.05	0.2	0.08	<0.005	0.14	2.5	2.7	2.38	236	0.11	0.01	0.7	4.6
Q005903		0.80	2.08	0.05	0.4	0.18	0.005	0.34	3.8	6.4	2.05	235	0.20	0.01	1.5	7.9
Q005904		0.61	1.67	<0.05	0.2	0.40	0.007	0.17	4.6	5.7	9.36	448	0.05	0.01	1.0	3.6
Q005905		0.32	0.13	<0.05	<0.1	0.02	<0.005	0.01	0.5	2.2	12.30	415	<0.05	0.01	0.1	0.8
Q005906		0.20	0.22	<0.05	<0.1	<0.1	<0.005	0.02	0.6	1.2	10.25	244	<0.05	0.01	0.2	0.7
Q005907		0.41	0.35	0.05	0.1	0.07	<0.005	0.03	1.5	2.3	12.85	489	<0.05	0.02	0.3	1.5
Q005908		0.43	0.24	<0.05	<0.1	0.02	<0.005	0.02	0.8	2.3	10.75	377	0.06	0.02	0.2	1.2
Q005909		0.25	0.09	0.05	<0.1	0.09	<0.005	<0.01	<0.5	1.3	12.40	192	<0.05	0.01	0.1	0.9
Q005910		0.62	1.87	0.05	0.3	6.22	0.008	0.21	5.7	3.7	2.59	410	2.20	0.02	1.6	12.0
Q005911		1.17	4.06	0.07	0.7	11.7	0.016	0.48	11.6	6.0	0.53	404	9.74	0.02	3.5	22.7
Q005912		0.80	0.40	<0.05	<0.1	3.57	<0.005	0.02	1.8	0.6	2.33	471	2.66	0.01	0.3	10.0
Q005913		0.19	0.92	<0.05	0.2	3.40	<0.005	0.11	2.8	1.3	0.22	398	1.23	<0.01	0.7	4.7
Q005914		1.56	2.51	0.08	0.4	22.2	0.012	0.30	7.1	4.1	2.73	404	4.71	0.01	2.0	19.9
Q005915		6.79	4.51	0.21	0.5	>100	0.017	0.44	9.2	6.0	0.22	692	14.85	0.01	2.3	53.4
Q005916		1.12	0.75	0.05	0.1	10.8	<0.005	0.09	2.0	1.0	1.32	326	1.75	<0.01	0.6	11.5
Q005917		0.56	0.64	<0.05	0.1	12.7	<0.005	0.07	2.0	1.0	4.79	311	1.27	0.01	0.5	7.6
Q005918		6.29	7.58	0.21	0.3	>100	0.018	0.23	5.4	5.4	0.10	714	21.7	<0.01	1.1	52.9
Q005919		1.96	1.88	0.05	0.1	74.8	0.009	0.11	2.6	3.4	0.12	786	4.38	0.01	0.6	14.8

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CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q005880		280	0.8	0.6	<0.002	<0.01	<0.05	0.2	<1	<0.2	113.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q005881		180	0.8	0.5	<0.002	<0.01	<0.05	0.1	1	0.2	113.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q005882		190	1.1	2.1	<0.002	<0.01	0.11	0.4	<1	0.2	503	<0.05	<0.05	0.3	0.007	<0.02
Q005883		570	17.1	28.2	<0.002	0.01	1.76	2.9	2	0.5	110.5	0.21	0.05	3.6	0.080	0.19
Q005884		570	1.6	1.0	<0.002	0.01	0.07	0.5	2	<0.2	163.5	<0.05	0.12	0.2	<0.005	<0.02
Q005885		2510	11.4	13.4	<0.002	<0.01	2.57	1.2	3	0.6	182.5	0.11	0.19	2.2	0.034	0.07
Q005886		750	3.7	2.1	<0.002	<0.01	1.09	0.5	1	<0.2	65.2	<0.05	<0.05	0.5	<0.005	0.02
Q005887		1380	40.1	135.5	<0.002	0.07	3.94	14.5	4	2.2	162.5	0.83	0.14	14.3	0.318	0.94
Q005888		160	5.7	2.8	<0.002	<0.01	2.07	0.5	3	<0.2	133.0	<0.05	0.07	0.3	0.007	0.03
Q005889		340	4.9	1.7	<0.002	<0.01	2.37	1.1	3	<0.2	118.5	<0.05	0.12	0.3	<0.005	<0.02
Q005890		150	13.2	0.9	<0.002	0.01	11.95	0.5	4	<0.2	94.1	<0.05	0.19	0.2	<0.005	0.04
Q005891		150	4.7	5.1	<0.002	<0.01	0.88	1.1	4	<0.2	85.6	<0.05	0.09	0.4	0.007	0.08
Q005892		630	17.6	21.8	<0.002	<0.01	5.86	3.2	4	0.4	82.1	0.24	0.16	3.9	0.077	0.14
Q005893		480	9.3	12.8	<0.002	<0.01	2.40	2.1	3	0.3	76.9	0.12	0.15	2.0	0.037	0.07
Q005894		290	2.8	3.9	<0.002	<0.01	0.70	0.7	2	<0.2	117.0	<0.05	0.10	0.6	0.011	0.02
Q005895		380	3.5	7.6	<0.002	<0.01	0.47	1.1	2	<0.2	58.4	0.06	0.07	1.0	0.024	0.04
Q005896		860	23.5	26.1	<0.002	<0.01	8.33	3.9	3	0.6	111.0	0.34	0.15	5.2	0.111	0.18
Q005897		310	4.8	5.9	<0.002	<0.01	1.02	1.3	2	<0.2	101.0	0.06	0.12	1.0	0.020	0.04
Q005898		60	0.8	2.9	<0.002	<0.01	0.30	1.0	2	<0.2	145.0	<0.05	0.10	0.3	<0.005	0.02
Q005899		460	13.9	5.2	<0.002	<0.01	0.92	2.6	3	<0.2	598	<0.05	0.12	1.1	0.017	0.03
Q005900		780	28.4	9.0	<0.002	<0.01	2.05	3.3	3	0.2	603	0.09	0.13	2.0	0.036	0.05
Q005901		660	17.3	6.6	<0.002	<0.01	1.66	1.6	2	0.2	881	0.06	0.14	1.3	0.024	0.05
Q005902		530	13.0	4.7	<0.002	<0.01	1.47	1.8	3	<0.2	669	<0.05	0.10	0.9	0.015	0.03
Q005903		880	24.3	11.0	<0.002	0.01	1.91	2.2	2	0.2	525	0.09	0.06	1.8	0.036	0.06
Q005904		740	6.6	6.4	<0.002	<0.01	1.00	1.5	3	0.2	149.0	0.06	0.06	1.3	0.020	0.03
Q005905		130	0.9	0.4	<0.002	<0.01	0.13	0.1	2	<0.2	116.0	<0.05	0.11	<0.2	<0.005	<0.02
Q005906		150	0.8	0.8	<0.002	<0.01	0.07	0.2	3	<0.2	119.5	<0.05	0.09	<0.2	<0.005	<0.02
Q005907		510	2.5	1.5	<0.002	<0.01	0.47	0.4	2	<0.2	57.8	<0.05	0.07	0.3	0.007	<0.02
Q005908		160	1.1	1.0	<0.002	<0.01	0.20	0.3	3	<0.2	60.9	<0.05	0.14	<0.2	<0.005	<0.02
Q005909		240	1.9	0.1	<0.002	<0.01	0.25	0.1	2	<0.2	110.0	<0.05	0.10	<0.2	<0.005	<0.02
Q005910		470	260	11.9	<0.002	<0.01	3.24	2.6	3	0.2	64.1	0.09	0.16	1.3	0.043	1.05
Q005911		720	199.5	22.1	0.002	0.02	8.53	5.2	4	0.5	95.7	0.21	0.10	3.0	0.100	2.50
Q005912		110	112.5	1.2	<0.002	0.03	2.40	2.3	3	<0.2	45.7	<0.05	0.11	0.2	<0.005	0.61
Q005913		100	25.8	4.8	0.007	0.02	1.34	5.9	3	<0.2	20.2	<0.05	0.18	0.7	0.017	0.94
Q005914		430	927	15.4	<0.002	0.01	7.86	2.9	4	0.3	68.8	0.12	0.18	1.8	0.055	2.85
Q005915		780	5120	20.4	<0.002	0.07	47.8	4.9	13	0.5	59.9	0.14	0.21	2.2	0.063	6.95
Q005916		140	229	4.2	<0.002	0.01	2.39	1.7	3	<0.2	76.5	<0.05	0.15	0.4	0.014	0.55
Q005917		150	69.3	3.5	<0.002	<0.01	2.03	0.6	2	<0.2	65.2	<0.05	0.12	0.3	0.010	0.61
Q005918		1180	6790	10.5	0.002	0.17	70.7	1.5	27	0.4	28.0	0.06	0.08	1.2	0.031	9.74
Q005919		990	1130	4.4	<0.002	0.09	27.4	2.2	4	0.2	69.9	<0.05	<0.05	0.5	0.016	1.72

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	Hg-CV42 Hg ppm 0.1
Q005880		1.0	1	<0.1	1.1	8	1.9				
Q005881		1.6	<1	<0.1	0.7	8	0.9				
Q005882		0.6	2	0.1	3.5	<2	3.4				
Q005883		1.8	19	0.5	6.1	175	28.9				
Q005884		1.4	2	0.1	3.7	6	1.8				
Q005885		3.6	6	0.6	7.2	>10000	15.3			1.160	
Q005886		0.9	2	0.1	2.9	83	3.5				
Q005887		5.3	93	1.7	23.8	370	99.8				
Q005888		3.7	3	0.2	4.8	131	3.7				
Q005889		1.4	5	0.1	3.3	27	2.4				
Q005890		2.3	2	0.1	3.7	214	2.1				
Q005891		0.5	4	0.1	4.9	264	4.7				
Q005892		2.6	14	0.9	7.4	142	29.3				
Q005893		1.7	8	0.4	6.0	69	15.4				
Q005894		0.9	3	0.2	2.8	21	4.6				
Q005895		1.2	6	0.2	3.6	20	8.4				
Q005896		4.1	18	1.4	9.8	92	44.5				
Q005897		1.2	5	0.2	4.4	31	8.0				
Q005898		0.2	3	0.1	2.7	13	2.3				
Q005899		2.4	6	0.2	5.6	55	8.7				
Q005900		3.8	8	0.4	7.5	92	17.4				
Q005901		2.7	6	0.3	5.2	105	11.5				
Q005902		2.5	5	0.2	4.9	79	7.7				
Q005903		3.2	8	0.4	5.8	164	17.5				
Q005904		1.8	7	0.4	6.5	70	9.7				
Q005905		2.1	<1	0.1	1.3	6	0.6				
Q005906		1.3	1	2.4	1.3	4	0.7				
Q005907		1.0	2	0.1	2.0	11	2.5				
Q005908		0.6	2	0.1	1.4	4	1.4				
Q005909		1.2	1	<0.1	1.3	16	<0.5				
Q005910		5.6	27	0.7	8.2	207	12.6				
Q005911		12.4	42	3.2	12.2	496	30.6				
Q005912		4.9	13	0.2	8.5	490	2.4				
Q005913		10.6	25	0.8	10.4	62	7.6				
Q005914		5.7	26	1.2	8.5	3010	17.1				
Q005915		10.5	41	2.8	15.2	>10000	22.2			3.35	368
Q005916		2.8	12	0.3	8.6	1400	5.4				
Q005917		1.5	7	0.3	2.4	908	4.8				
Q005918		9.1	24	2.7	8.2	>10000	10.8	144		17.10	966
Q005919		7.7	18	1.3	5.8	>10000	4.9			3.48	

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q005920		0.20	0.77	>100	1.06	8760	360	0.33	0.06	1.75	>1000	12.90	16.3	17	0.95	77.9
Q005921		0.20	0.56	>100	0.50	3560	90	0.17	0.02	1.10	>1000	5.53	6.9	8	0.63	93.7
Q005922		0.24	<0.01	1.02	0.21	35	20	0.46	0.01	36.4	10.15	3.30	0.5	2	0.12	21.1
Q005923		0.26	<0.01	0.65	0.14	81	20	0.10	0.01	26.5	5.13	2.33	0.9	1	0.13	3.3
Q005924		0.37	<0.01	0.87	0.72	252	110	0.50	0.03	30.4	2.48	8.07	1.8	10	1.36	5.9
Q005925		0.43	<0.01	0.31	0.13	52	50	0.19	0.01	37.6	3.14	1.88	0.5	3	0.18	2.8
Q005926		0.20	0.44	4.01	4.78	1680	1470	1.28	0.16	18.90	9.89	60.3	11.0	99	4.13	141.5
Q005927		0.15	0.36	3.36	5.08	2710	1460	1.67	0.16	18.20	11.05	60.5	14.6	135	4.57	256
Q005928		0.19	0.32	3.01	3.94	1800	1120	1.27	0.13	22.0	8.69	47.4	8.8	99	3.39	176.5
Q005929		0.33	0.04	0.87	0.63	359	170	0.30	0.02	36.1	4.22	12.10	3.5	19	0.58	14.7
Q005930		0.17	0.06	0.94	0.68	413	220	0.27	0.03	34.2	3.65	11.60	4.0	22	0.61	17.9
Q005931		0.07	0.01	1.70	4.18	1685	2600	1.60	0.17	1.47	3.83	47.8	3.9	100	6.45	52.0
Q005932		0.18	<0.01	0.21	0.41	272	710	0.50	0.02	31.5	2.36	4.21	5.4	13	0.67	33.7
Q005933		0.27	0.01	1.93	4.34	78.4	1910	1.28	0.20	0.32	0.25	59.1	0.5	103	5.69	26.7
Q005934		0.31	0.01	1.86	4.15	67.5	1760	1.13	0.19	0.24	0.14	54.8	0.5	99	5.91	23.6
Q005935		0.06	0.01	2.50	4.16	70.7	2540	1.08	0.22	0.28	0.16	64.6	0.5	97	5.41	13.9
Q005936		0.21	0.01	1.46	4.07	2050	3470	2.60	0.15	2.82	5.19	40.2	13.4	93	7.15	211
Q005937		0.51	<0.01	0.12	1.49	26.9	190	0.32	0.04	1.09	0.47	21.0	3.7	20	0.66	4.4
Q005938		0.22	<0.01	0.64	6.07	61.0	2290	1.15	0.30	0.71	0.35	78.1	0.9	80	8.37	19.1
Q005939		0.49	<0.01	0.64	6.01	57.3	2710	1.15	0.29	1.35	0.34	76.3	0.9	75	7.28	18.0
Q005940		0.41	<0.01	0.19	0.19	316	40	0.31	0.01	34.1	5.47	3.14	1.7	3	0.36	3.6
Q005941		0.16	0.01	0.98	2.89	773	910	1.35	0.12	2.86	8.50	31.3	50.8	49	6.24	53.5
Q005942		0.43	<0.01	0.10	0.24	33	60	0.49	0.01	33.0	0.60	3.08	1.0	3	0.23	2.3
Q005943		0.05	<0.01	0.07	0.15	70	90	0.14	0.01	29.7	0.42	1.50	1.2	3	0.21	4.1
Q005944		0.03	0.01	0.79	2.07	1100	1090	1.27	0.08	22.3	9.88	18.05	29.8	37	2.30	353
Q005945		0.09	0.01	1.13	4.95	150.5	2570	1.14	0.23	0.41	0.20	65.2	0.9	95	7.77	12.5
Q005946		0.14	0.01	1.18	4.89	118.0	2360	1.15	0.22	0.30	0.16	63.2	0.8	95	7.74	11.2
Q005947		0.30	<0.01	1.00	5.02	125.0	2180	1.19	0.23	0.24	0.14	61.8	0.7	105	7.38	10.6
Q005948		0.50	<0.01	0.96	5.10	111.5	2100	1.15	0.21	0.87	0.17	61.5	0.8	107	7.12	10.6
Q005949		0.64	0.01	1.43	3.41	2540	3030	2.29	0.12	4.54	4.66	35.5	11.1	86	5.79	232
Q005950		0.21	<0.01	1.04	4.87	490	2270	1.30	0.23	0.75	0.84	59.1	2.4	108	7.20	43.4
Q005951		0.33	<0.01	0.58	1.84	302	2550	0.91	0.06	12.10	1.15	25.1	4.6	36	1.70	39.2
Q005952		0.17	<0.01	0.57	1.16	230	2290	0.92	0.05	12.90	1.24	14.00	2.9	32	1.41	29.7

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q005920		8.02	6.56	0.28	0.5	>100	0.030	0.38	7.8	5.5	0.08	933	44.2	0.01	1.6	93.1
Q005921		4.49	8.22	0.10	0.2	>100	0.013	0.19	3.9	4.5	0.05	660	13.70	<0.01	0.7	44.1
Q005922		0.08	0.51	0.10	0.1	8.5	0.005	0.08	1.3	0.3	0.35	204	0.43	<0.01	0.2	1.0
Q005923		0.20	0.38	0.08	0.1	3.69	<0.005	0.06	1.6	1.1	8.48	49	0.81	0.01	0.2	2.9
Q005924		0.61	1.85	0.08	0.3	6.8	0.007	0.23	4.5	3.8	3.39	365	1.66	0.02	1.4	11.3
Q005925		0.10	0.41	0.07	0.1	2.00	<0.005	0.04	1.2	1.0	0.16	448	1.01	<0.01	0.3	2.7
Q005926		4.02	11.85	0.17	2.0	33.2	0.057	1.59	40.8	10.0	0.28	267	76.7	0.02	9.8	135.5
Q005927		5.72	13.90	0.18	2.0	37.3	0.095	1.63	41.2	9.6	0.28	280	101.5	0.02	9.1	166.5
Q005928		4.08	10.30	0.15	1.7	26.9	0.061	1.23	31.8	7.8	0.25	311	61.4	0.02	7.6	117.5
Q005929		1.14	1.57	0.05	0.2	10.9	0.009	0.24	8.6	1.8	0.10	345	16.35	<0.01	1.1	28.9
Q005930		1.14	1.62	0.05	0.3	13.4	0.007	0.25	8.2	2.0	0.10	273	17.15	<0.01	1.1	31.0
Q005931		5.22	11.60	0.17	2.4	3.01	0.035	1.40	27.4	12.9	0.54	455	23.8	0.03	14.0	83.2
Q005932		3.18	1.15	0.05	0.2	0.64	0.005	0.11	4.5	2.4	0.13	499	5.12	<0.01	0.9	67.9
Q005933		0.93	14.60	0.17	3.1	0.8	0.039	1.66	35.3	16.2	0.30	15	6.73	0.03	21.4	13.4
Q005934		0.67	13.25	0.17	3.0	0.89	0.029	1.54	33.2	14.5	0.28	13	5.91	0.03	19.5	12.1
Q005935		0.66	13.60	0.20	3.4	2.97	0.018	1.44	38.8	14.9	0.27	30	7.25	0.03	21.6	15.7
Q005936		11.75	10.20	0.17	1.8	1.0	0.051	1.14	22.7	14.1	1.32	933	14.00	0.02	10.4	158.0
Q005937		2.92	3.33	0.06	1.1	0.57	0.010	0.37	10.0	8.9	0.07	1010	1.03	0.36	1.8	10.0
Q005938		0.90	18.35	0.19	3.5	1.0	0.050	2.61	41.3	13.8	0.46	29	2.54	0.04	21.4	13.5
Q005939		0.82	17.75	0.19	3.4	1.19	0.042	2.56	39.9	12.8	0.48	34	2.46	0.03	21.2	14.2
Q005940		0.45	0.57	0.08	0.1	0.3	<0.005	0.07	1.7	1.2	3.30	231	2.55	0.01	0.4	25.8
Q005941		23.1	7.44	0.17	1.3	1.41	0.030	0.92	18.0	16.8	0.97	1060	32.1	0.05	5.2	193.0
Q005942		0.18	0.63	0.06	0.1	0.54	<0.005	0.10	1.5	1.4	4.62	197	0.43	0.01	0.4	3.5
Q005943		0.36	0.40	0.05	0.1	0.29	<0.005	0.05	0.9	1.0	6.50	99	0.77	0.01	0.3	6.3
Q005944		11.90	3.64	0.14	0.6	2.50	0.021	0.51	10.6	3.6	0.32	749	29.4	0.01	2.5	194.0
Q005945		1.47	15.55	0.16	3.2	0.55	0.035	1.99	37.7	18.2	0.39	21	8.23	0.04	21.1	16.1
Q005946		1.32	15.60	0.16	3.1	0.61	0.037	1.98	36.7	17.4	0.37	20	6.03	0.04	20.8	15.7
Q005947		1.64	15.70	0.15	3.1	0.39	0.044	2.10	35.6	17.9	0.38	17	6.06	0.04	20.0	14.7
Q005948		1.48	16.10	0.16	3.1	0.38	0.047	2.10	35.5	17.7	0.69	34	5.63	0.04	19.6	15.8
Q005949		12.00	9.08	0.14	1.8	1.6	0.053	0.85	20.3	12.1	2.14	862	13.95	0.01	9.3	152.0
Q005950		3.18	15.30	0.15	2.8	0.47	0.050	1.93	33.8	17.1	0.58	134	7.90	0.04	19.1	35.6
Q005951		6.08	4.71	0.09	1.1	0.3	0.018	0.55	14.1	7.3	5.92	1460	4.69	0.03	7.1	49.6
Q005952		6.39	3.27	0.08	0.7	0.19	0.015	0.38	7.5	5.0	6.94	1210	4.60	0.03	3.8	41.5

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North Vancouver BC V7H 0A7
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q005920		2410	>10000	13.4	0.003	0.40	126.5	2.7	95	0.8	78.5	0.11	<0.05	1.8	0.053	9.77
Q005921		1840	3430	6.7	0.002	0.39	83.1	1.5	21	0.4	20.5	<0.05	<0.05	0.8	0.021	8.00
Q005922		120	64.0	3.1	<0.002	<0.01	0.64	0.8	<1	<0.2	12.1	<0.05	<0.05	0.2	0.005	0.12
Q005923		150	33.7	2.1	<0.002	0.01	0.54	0.4	1	0.2	164.0	<0.05	<0.05	0.2	0.007	0.15
Q005924		390	167.5	11.0	<0.002	0.01	3.48	2.3	1	0.3	72.3	0.09	<0.05	1.1	0.042	1.27
Q005925		220	64.3	2.0	0.003	<0.01	2.00	3.0	1	<0.2	96.3	<0.05	<0.05	0.2	0.008	0.32
Q005926		>10000	532	62.3	0.031	0.06	20.5	8.8	4	1.4	304	0.63	0.09	6.8	0.243	16.55
Q005927		>10000	425	62.4	0.034	0.07	21.3	12.9	5	1.4	294	0.57	0.12	7.5	0.232	24.5
Q005928		8740	428	49.6	0.025	0.06	19.70	10.1	4	1.2	242	0.46	0.08	5.6	0.186	15.90
Q005929		3320	142.5	8.2	0.005	0.02	6.06	3.7	2	0.2	106.0	0.06	<0.05	0.9	0.031	1.40
Q005930		3300	149.5	8.7	0.005	0.02	5.07	4.1	2	0.2	115.0	0.07	<0.05	0.9	0.032	1.44
Q005931		1550	24.8	68.3	0.003	0.19	16.55	9.0	11	1.4	221	0.81	0.17	6.0	0.243	2.88
Q005932		1590	4.8	5.8	0.003	0.03	3.39	18.9	2	0.2	245	0.05	<0.05	0.5	0.020	0.40
Q005933		410	16.9	78.2	0.004	0.21	5.87	8.8	3	1.8	165.0	1.22	0.20	7.5	0.343	2.32
Q005934		340	15.1	71.1	0.004	0.12	5.23	8.1	4	1.6	137.5	1.12	0.18	6.8	0.328	1.97
Q005935		770	15.7	72.3	0.002	0.06	5.33	8.2	4	1.6	182.5	1.23	0.14	8.4	0.362	2.49
Q005936		1680	17.4	54.9	0.004	0.21	17.80	16.4	7	1.1	359	0.65	0.11	5.2	0.202	3.61
Q005937		180	16.1	15.6	<0.002	0.01	0.37	2.0	1	0.3	27.8	0.15	<0.05	3.4	0.065	0.25
Q005938		840	20.2	118.0	0.002	0.09	1.72	9.5	1	2.3	177.5	1.26	0.14	12.0	0.430	3.25
Q005939		1060	22.2	115.0	0.002	0.07	1.75	9.4	2	2.2	190.5	1.24	0.12	12.1	0.426	2.93
Q005940		100	47.1	2.8	<0.002	0.02	2.29	1.0	1	<0.2	88.1	<0.05	<0.05	0.4	0.010	0.45
Q005941		1370	84.7	43.3	0.002	0.03	10.50	6.7	5	0.9	71.5	0.35	0.06	4.0	0.163	3.95
Q005942		250	4.8	3.6	0.003	0.02	0.35	0.6	1	<0.2	85.1	<0.05	<0.05	0.3	0.013	0.20
Q005943		110	6.5	2.2	<0.002	<0.01	0.39	0.4	1	<0.2	124.0	<0.05	<0.05	0.2	0.008	0.16
Q005944		7540	98.4	21.1	0.003	0.02	8.73	9.6	17	0.5	170.0	0.15	<0.05	1.9	0.068	1.16
Q005945		850	20.0	87.6	0.002	0.29	4.54	8.7	6	2.0	218	1.23	0.12	8.5	0.382	2.88
Q005946		750	16.4	90.6	0.004	0.26	4.18	8.6	3	1.7	201	1.20	0.12	8.3	0.382	2.57
Q005947		680	16.2	92.6	0.004	0.38	3.34	8.6	4	1.8	281	1.15	0.16	7.8	0.374	2.08
Q005948		600	15.9	92.5	0.004	0.30	3.38	8.6	3	1.7	215	1.13	0.10	7.5	0.372	1.94
Q005949		1850	14.8	43.7	0.004	0.19	20.0	17.1	7	0.9	503	0.58	0.13	4.4	0.165	4.02
Q005950		860	16.7	87.7	0.004	0.33	6.19	9.8	5	1.8	287	1.07	0.13	7.6	0.340	2.46
Q005951		1110	6.4	24.5	0.006	0.38	4.83	5.7	3	0.5	875	0.44	0.07	3.1	0.124	0.61
Q005952		720	4.7	16.0	0.006	0.25	4.87	3.9	3	0.4	1010	0.26	<0.05	1.6	0.067	0.45

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
ALS Canada Ltd.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.1
Q005920		21.0	32	3.8	8.2	>10000	17.2	225	1.680	17.40	1045
Q005921		9.6	22	2.5	5.2	>10000	6.8	176		26.6	1400
Q005922		2.2	7	0.1	1.5	759	1.7				
Q005923		1.6	7	0.2	2.4	559	1.9				
Q005924		4.7	24	0.7	6.5	335	11.2				
Q005925		7.2	13	0.5	5.2	152	2.7				
Q005926		116.0	289	7.0	44.0	1600	74.9				
Q005927		189.0	405	6.7	52.1	1740	72.4				
Q005928		124.5	290	5.1	40.2	1310	60.1				
Q005929		43.9	58	1.2	19.8	427	8.4				
Q005930		41.6	62	1.3	18.8	371	9.0				
Q005931		15.1	636	1.6	31.5	187	109.5				
Q005932		6.7	65	0.2	30.6	531	12.0				
Q005933		5.1	566	2.0	25.3	39	128.5				
Q005934		4.5	534	1.8	22.1	26	116.5				
Q005935		5.7	540	2.2	29.9	30	137.0				
Q005936		16.7	554	1.2	43.7	607	92.5				
Q005937		1.7	25	0.3	7.8	63	38.7				
Q005938		4.6	344	3.1	21.0	40	129.0				
Q005939		5.3	337	3.2	22.5	41	135.0				
Q005940		2.0	12	0.3	4.2	371	4.2				
Q005941		12.9	131	1.8	19.6	2050	65.3				
Q005942		1.6	7	0.3	1.7	90	3.8				
Q005943		3.0	10	0.1	1.0	54	2.8				
Q005944		52.3	160	1.7	39.7	1840	22.8				
Q005945		3.9	488	1.9	19.1	27	122.0				
Q005946		3.9	489	1.9	18.7	23	118.0				
Q005947		3.5	525	1.9	17.0	19	119.0				
Q005948		3.5	529	1.7	17.0	33	120.0				
Q005949		16.3	552	1.1	43.7	514	94.5				
Q005950		4.9	531	1.7	20.4	101	114.0				
Q005951		2.9	213	0.6	22.4	285	54.9				
Q005952		2.1	216	0.5	14.0	319	39.1				

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Finalized Date: 25-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.

Applies to Method: Hg-CV41 Hg-CV42

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	Au-AA26	Hg-CV41	Hg-CV42
	ME-MS61	ME-OG62	Pb-OG62	Zn-OG62

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
This copy reported on 30-SEP-2013
Account: RCM

CERTIFICATE WH13124471

Project: Nadaleen
P.O. No.: R13-13
This report is for 153 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 25- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N830820		0.20	<0.01	0.04	8.68	118.0	390	1.83	0.41	0.24	<0.02	77.0	9.3	75	24.8	20.3
N830821		0.39	<0.01	0.06	4.32	235	230	1.15	0.16	18.90	0.04	58.6	7.6	37	12.35	16.3
N830822		0.59	<0.01	0.03	9.29	24.4	370	1.96	0.34	0.14	<0.02	93.3	3.5	72	27.9	5.7
N830823		0.50	<0.01	0.04	8.73	749	470	3.07	0.33	1.14	0.06	62.4	18.0	72	43.3	41.3
M389124		0.55	<0.01	0.03	1.52	65.7	60	0.22	0.03	0.55	0.03	18.45	6.8	38	1.60	19.0
M389125		0.88	0.01	0.01	1.65	34.8	110	0.30	0.02	0.88	0.04	28.6	5.3	38	1.46	12.7
M389126		0.59	<0.01	<0.01	0.40	189.0	50	0.14	<0.01	7.16	0.55	4.66	1.5	14	0.33	3.6
M389127		0.75	<0.01	0.01	0.36	57	1050	0.20	0.01	17.10	0.40	14.90	1.5	5	0.26	8.8
M389128		0.41	<0.01	0.06	4.71	6880	230	1.37	0.10	0.28	0.30	36.3	106.5	95	11.85	442
M389129		0.68	<0.01	0.01	0.67	17	80	0.40	0.02	15.80	0.19	9.30	2.0	8	0.81	7.5
M389130		0.63	<0.01	0.09	5.97	997	180	0.75	0.18	0.07	0.21	54.1	33.1	65	5.03	118.5
Q005801		0.36	<0.01	0.14	0.52	<5	300	0.15	0.02	22.9	0.30	6.37	1.2	20	0.94	6.1
Q005802		0.29	<0.01	1.74	0.05	28.4	250	0.10	0.04	0.11	0.89	1.29	10.3	16	0.07	71.9
Q005803		0.41	<0.01	0.05	0.26	<5	1000	0.19	0.02	27.2	0.32	5.48	1.3	9	0.14	2.4
Q005804		0.31	<0.01	0.03	0.15	<5	80	<0.05	0.01	33.9	1.54	1.39	0.7	3	0.25	1.7
Q005805		0.33	<0.01	0.22	0.16	175.5	140	0.22	0.09	0.40	3.37	1.85	20.5	86	0.29	69.2
Q005806		0.15	<0.01	1.02	2.70	14.0	2890	1.00	0.13	0.29	0.69	27.1	14.1	106	2.65	27.0
Q005807		0.30	<0.01	0.05	0.61	105.0	1380	4.92	0.02	0.29	1.13	3.93	17.5	9	0.63	17.8
Q005808		0.23	<0.01	0.17	1.52	630	730	4.48	0.06	0.29	3.49	10.80	7.9	38	3.25	20.8
Q005809		0.14	<0.01	0.64	3.53	65.8	1690	1.84	0.09	0.25	0.80	23.7	10.0	72	0.89	45.2
Q005810		0.20	<0.01	1.41	4.43	9.2	280	1.85	0.31	0.29	0.03	224	0.5	311	17.20	11.6
Q005666		0.20	<0.01	0.06	0.55	299	160	0.14	0.03	30.2	0.38	10.35	2.4	5	0.47	3.8
Q005667		0.32	0.02	0.05	0.27	6	50	0.08	0.02	19.60	<0.02	13.00	1.4	7	0.35	2.8
Q005668		0.26	<0.01	0.02	0.33	<5	30	0.11	0.02	17.15	0.02	5.85	0.8	5	0.28	1.8
Q005669		0.36	0.01	0.03	0.19	<5	10	<0.05	0.02	19.70	<0.02	11.60	0.6	2	0.13	1.9
Q005670		0.24	<0.01	0.08	1.36	287	80	0.23	0.18	0.19	0.07	29.8	41.5	12	2.26	51.8
Q005671		0.21	0.01	0.04	0.21	177	130	0.10	0.01	33.4	0.43	3.23	2.2	3	0.14	2.6
Q005672		0.26	<0.01	0.01	0.16	<5	30	0.12	0.01	19.90	0.03	3.13	0.7	1	0.17	1.1
Q005673		0.31	<0.01	0.08	3.32	11	270	0.90	0.12	19.90	<0.02	43.5	5.1	30	3.14	12.6
Q005674		0.26	<0.01	0.02	0.36	5	120	0.17	0.02	33.9	0.06	6.13	1.0	5	0.42	1.9
Q005675		0.14	<0.01	0.20	6.04	22	420	1.60	0.26	10.20	0.04	85.3	11.1	64	6.36	23.7
Q005676		0.21	<0.01	0.18	3.61	64	260	0.81	0.14	16.15	0.08	62.7	8.0	41	4.05	17.7
Q005677		0.13	<0.01	0.27	5.10	66	2120	1.17	0.21	15.30	0.06	61.9	6.5	53	5.91	21.1
Q005678		0.32	<0.01	0.03	1.04	<5	310	0.22	0.04	33.3	<0.02	11.40	1.7	11	0.96	4.4
Q005679		0.23	<0.01	0.24	4.99	20	360	1.04	0.20	13.65	0.06	71.2	9.5	60	4.90	21.3
Q005680		0.19	0.02	0.22	5.50	18	400	1.22	0.23	12.65	0.06	74.1	9.0	65	5.75	20.4
Q005681		0.21	<0.01	0.19	7.13	23.7	480	2.05	0.32	2.61	0.07	71.3	14.2	73	8.11	27.4
Q005682		0.36	<0.01	0.02	0.95	10	180	0.31	0.04	30.2	0.06	27.1	1.7	9	0.88	3.7
Q005683		0.28	<0.01	0.05	2.04	<5	230	1.01	0.08	23.0	<0.02	33.2	2.8	17	4.85	6.2
Q005684		0.12	0.16	0.22	0.40	154.0	40	0.11	0.09	0.40	2.82	4.63	3.1	5	0.95	48.4

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5- 11***

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N830820		3.40	25.4	0.21	3.9	0.18	0.060	3.87	36.3	88.7	0.50	115	0.25	0.06	14.3	17.8
N830821		1.85	11.50	0.09	2.0	0.98	0.027	1.89	29.2	16.4	0.51	267	0.41	0.04	6.5	16.0
N830822		1.36	27.5	0.40	4.1	0.29	0.056	4.42	45.9	57.0	0.56	26	0.22	0.06	15.7	7.8
N830823		4.11	25.2	0.25	3.3	0.61	0.065	2.82	27.9	120.5	0.39	420	0.45	0.06	14.1	45.8
M389124		2.23	3.97	0.13	1.1	0.05	0.006	0.36	8.3	16.4	0.14	315	0.34	0.43	2.4	15.0
M389125		2.20	4.35	0.10	1.8	0.13	0.008	0.44	12.3	15.3	0.21	333	0.21	0.01	2.8	12.1
M389126		2.87	0.98	<0.05	0.1	0.22	<0.005	0.14	1.3	8.9	2.30	793	0.15	0.01	0.5	3.6
M389127		4.36	1.26	<0.05	0.1	0.06	<0.005	0.06	4.1	3.9	7.25	2450	0.06	0.03	0.4	1.9
M389128		22.5	17.00	0.06	1.3	2.41	0.178	1.36	13.4	107.0	0.29	1830	0.63	0.01	6.3	74.1
M389129		3.81	1.85	<0.05	0.3	0.05	<0.005	0.22	3.7	5.1	5.41	997	0.16	0.02	0.8	5.0
M389130		9.43	17.30	0.05	1.6	2.42	0.081	1.15	23.9	36.5	0.24	633	0.47	0.01	10.0	47.3
Q005801		0.38	1.32	0.09	0.2	0.03	<0.005	0.19	10.3	3.4	0.14	103	1.40	0.01	0.9	9.5
Q005802		5.59	0.33	0.10	<0.1	0.59	<0.005	0.02	1.3	1.8	0.02	79	6.38	<0.01	0.1	61.9
Q005803		0.32	0.63	0.07	0.3	0.04	<0.005	0.08	4.9	5.7	0.61	160	0.65	0.01	0.6	4.7
Q005804		0.09	0.37	<0.05	0.1	0.03	<0.005	0.04	2.7	1.2	0.12	67	0.07	<0.01	0.2	7.4
Q005805		13.90	1.36	<0.05	0.1	0.30	<0.005	0.05	3.7	4.0	0.04	190	26.7	<0.01	0.3	74.3
Q005806		3.94	6.33	0.05	1.1	0.28	0.047	0.60	20.5	70.1	0.11	111	1.18	0.14	3.3	71.6
Q005807		>50	9.95	1.95	0.2	0.14	0.006	0.11	3.1	14.4	0.11	2260	8.04	0.01	0.6	167.0
Q005808		40.0	5.84	0.45	0.6	0.55	0.015	0.36	6.2	11.3	0.12	90	7.02	0.03	1.6	104.0
Q005809		4.22	5.56	<0.05	1.2	2.09	0.021	0.46	18.7	50.7	0.09	60	3.78	0.03	3.6	123.5
Q005810		12.65	20.7	0.60	1.9	0.67	0.111	3.58	394	54.3	0.40	<5	0.71	0.11	9.7	4.5
Q005666		0.91	1.43	<0.05	0.3	0.23	<0.005	0.20	6.4	2.8	2.94	705	0.14	0.01	0.7	4.8
Q005667		2.15	0.76	<0.05	0.2	0.11	<0.005	0.14	11.3	2.5	11.35	1540	0.11	0.01	0.5	3.4
Q005668		1.61	0.80	<0.05	0.1	0.04	<0.005	0.16	3.8	2.3	9.52	1210	0.12	0.01	0.4	1.8
Q005669		2.34	0.43	<0.05	0.1	0.06	<0.005	0.09	8.1	1.3	11.45	1680	0.08	0.01	0.3	1.0
Q005670		34.7	3.66	<0.05	0.6	2.59	0.026	0.61	9.2	7.1	0.16	331	15.70	0.01	1.7	88.8
Q005671		0.84	0.50	<0.05	0.1	0.16	<0.005	0.06	2.0	1.0	0.49	892	0.14	<0.01	0.1	5.2
Q005672		1.02	0.40	<0.05	0.1	0.03	<0.005	0.07	2.1	2.2	10.70	1050	0.06	0.01	0.2	1.8
Q005673		1.83	8.43	<0.05	1.6	0.23	0.028	1.65	21.3	12.6	0.54	377	0.27	0.02	4.8	12.0
Q005674		0.21	0.86	<0.05	0.2	0.12	<0.005	0.12	3.1	2.1	0.19	109	0.06	0.01	0.5	1.6
Q005675		3.07	15.70	0.09	2.6	1.25	0.054	2.87	41.8	105.0	0.60	474	0.69	0.04	10.0	28.4
Q005676		3.41	9.47	0.05	1.6	1.03	0.035	1.69	29.9	24.0	0.43	428	0.85	0.02	5.6	32.7
Q005677		2.42	13.65	0.10	2.0	1.44	0.036	2.35	32.7	40.9	0.42	506	0.58	0.03	8.1	35.8
Q005678		0.76	2.56	0.08	0.4	0.27	<0.005	0.41	5.8	6.3	0.16	496	0.15	<0.01	1.7	6.0
Q005679		3.33	12.95	0.05	2.1	1.19	0.046	2.37	35.7	55.3	0.76	421	0.89	0.03	8.0	25.0
Q005680		2.59	14.30	0.08	2.4	1.16	0.044	2.51	37.6	48.9	0.52	435	0.68	0.03	9.3	23.8
Q005681		3.10	19.65	0.27	3.2	1.58	0.048	3.65	35.6	79.3	0.61	300	0.67	0.05	12.0	36.6
Q005682		0.81	2.64	0.10	0.4	0.16	0.040	0.44	7.9	20.7	0.20	404	0.08	0.01	1.5	2.9
Q005683		1.85	5.02	0.07	0.8	0.07	0.014	0.94	14.0	14.5	2.55	408	0.09	0.18	2.9	6.2
Q005684		>50	1.23	0.67	0.2	4.43	0.006	0.14	2.3	2.2	0.14	540	1.62	0.01	0.5	36.9

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N830820		390	26.7	190.0	0.002	0.27	0.44	14.7	1	2.8	149.0	1.09	0.08	12.9	0.458	1.44
N830821		660	11.5	104.5	0.002	0.01	0.68	7.4	1	1.3	782	0.48	<0.05	7.8	0.209	3.75
N830822		290	17.2	200	0.002	0.11	0.25	13.9	1	6.6	131.0	1.14	0.05	14.7	0.491	1.61
N830823		870	18.3	139.5	0.002	0.03	1.55	15.5	1	2.6	490	1.06	0.07	11.0	0.433	2.62
M389124		120	8.7	18.6	<0.002	0.01	0.58	5.1	1	0.5	20.3	0.17	<0.05	3.4	0.251	0.16
M389125		100	2.7	21.2	0.002	0.01	0.32	4.9	1	0.4	58.1	0.19	<0.05	5.3	0.215	0.13
M389126		70	1.1	7.1	0.002	0.05	0.21	2.3	1	1.7	121.5	<0.05	<0.05	0.3	0.029	0.46
M389127		70	6.3	3.9	<0.002	0.11	0.51	7.6	1	<0.2	173.0	<0.05	<0.05	0.3	0.024	0.06
M389128		690	8.9	92.4	0.002	0.05	24.0	39.4	2	1.2	761	0.40	0.09	3.2	0.617	7.93
M389129		160	0.9	11.0	<0.002	<0.01	0.11	3.0	1	0.2	190.0	0.06	<0.05	0.8	0.034	0.09
M389130		650	16.4	68.2	0.002	0.14	8.38	23.3	1	1.7	624	0.66	0.20	4.1	0.587	5.11
Q005801		270	1.7	9.2	0.013	0.01	0.24	2.2	3	0.2	235	0.05	<0.05	0.7	0.029	0.09
Q005802		310	12.7	0.7	0.006	0.58	4.01	0.3	49	<0.2	8.2	<0.05	<0.05	<0.2	<0.005	0.13
Q005803		580	1.4	3.2	0.005	0.05	0.26	1.4	1	<0.2	777	0.05	<0.05	0.6	0.015	0.04
Q005804		290	0.6	2.2	<0.002	<0.01	0.11	0.4	<1	<0.2	107.5	<0.05	<0.05	0.2	0.005	0.03
Q005805		1500	33.5	2.5	<0.002	0.05	72.8	0.3	4	<0.2	14.0	<0.05	1.69	0.4	0.008	1.70
Q005806		1190	6.6	34.2	0.010	0.36	1.57	5.2	2	0.6	313	0.20	0.11	3.6	0.139	0.38
Q005807		1930	5.5	5.8	<0.002	0.03	9.21	3.2	1	<0.2	26.9	0.05	<0.05	0.5	0.021	0.98
Q005808		4200	5.5	22.4	0.002	0.02	24.8	8.6	3	0.3	26.3	0.10	<0.05	1.4	0.064	0.21
Q005809		870	13.5	22.7	0.005	0.06	2.58	5.9	5	0.5	88.5	0.23	0.08	3.0	0.118	0.14
Q005810		>10000	14.7	210	0.011	3.61	1.59	32.4	13	1.9	1055	0.51	0.28	20.9	0.275	1.30
Q005666		660	5.1	6.7	<0.002	<0.01	3.41	1.2	1	0.2	110.5	<0.05	<0.05	1.2	0.018	0.10
Q005667		910	7.8	5.0	<0.002	0.04	1.06	0.8	<1	<0.2	85.0	<0.05	<0.05	0.7	0.013	0.05
Q005668		400	3.9	4.6	<0.002	0.01	0.51	0.4	<1	<0.2	70.9	0.05	<0.05	0.4	0.011	0.05
Q005669		980	4.9	2.5	<0.002	0.01	0.50	0.3	1	<0.2	60.9	<0.05	<0.05	0.4	0.009	0.03
Q005670		1260	38.6	18.6	0.003	0.08	1.66	2.5	3	0.7	23.8	0.13	0.50	3.0	0.047	1.55
Q005671		50	3.2	2.2	<0.002	<0.01	3.18	2.4	1	<0.2	141.5	<0.05	<0.05	0.4	<0.005	0.12
Q005672		490	3.0	2.3	<0.002	<0.01	0.30	0.3	1	<0.2	269	<0.05	<0.05	0.3	0.006	0.05
Q005673		380	26.4	63.3	<0.002	0.67	1.01	5.5	1	1.0	833	0.35	<0.05	6.2	0.144	0.34
Q005674		590	1.8	4.7	<0.002	0.01	0.32	1.3	1	<0.2	1685	<0.05	<0.05	0.8	0.014	0.04
Q005675		240	63.6	110.0	0.002	1.95	0.75	10.1	2	1.9	580	0.72	<0.05	12.4	0.283	0.69
Q005676		340	27.4	64.7	0.003	0.27	2.25	7.1	2	1.2	977	0.43	<0.05	7.5	0.167	0.43
Q005677		300	31.3	89.4	0.002	0.08	1.92	8.8	2	1.7	649	0.59	<0.05	10.2	0.232	0.58
Q005678		80	7.4	14.9	<0.002	0.03	0.27	2.5	1	0.4	495	0.12	<0.05	2.0	0.048	0.12
Q005679		300	59.4	90.7	0.005	2.24	0.54	8.6	3	1.6	875	0.59	<0.05	10.3	0.237	0.58
Q005680		630	23.9	99.0	0.003	0.58	0.77	9.7	2	1.8	1390	0.66	<0.05	11.7	0.261	0.63
Q005681		230	28.2	122.0	0.002	2.38	0.38	11.9	2	2.3	171.5	0.86	<0.05	12.7	0.341	1.05
Q005682		40	3.0	16.0	<0.002	0.08	0.63	4.8	2	0.3	3230	0.10	<0.05	2.3	0.042	0.10
Q005683		200	5.1	39.8	<0.002	0.27	0.08	5.6	<1	0.7	1510	0.23	<0.05	4.1	0.079	0.18
Q005684		1120	120.0	5.8	<0.002	0.09	14.50	0.8	5	0.2	29.8	<0.05	<0.05	0.7	0.014	0.75

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	Hg-CV42 Hg ppm 0.1
N830820		2.9	108	2.8	15.2	82	127.0				
N830821		3.1	43	0.9	12.5	55	67.8				
N830822		2.5	101	1.9	17.0	30	135.0				
N830823		3.2	82	7.9	15.3	112	111.5				
M389124		0.5	75	0.6	4.7	24	38.5				
M389125		0.7	48	0.6	6.7	22	64.2				
M389126		0.1	17	0.1	9.6	47	5.0				
M389127		0.1	54	0.1	17.6	9	4.5				
M389128		0.7	217	3.9	13.4	175	40.1				
M389129		0.3	21	0.2	10.9	20	8.3				
M389130		0.9	193	2.0	17.0	86	63.1				
Q005801		1.7	22	0.1	14.8	29	8.4				
Q005802		1.3	78	1.8	1.7	118	1.7				
Q005803		1.5	29	0.1	10.9	23	14.5				
Q005804		1.2	6	<0.1	6.3	67	1.9				
Q005805		1.7	792	2.1	7.0	529	5.1				
Q005806		4.1	138	0.4	25.3	210	38.1				
Q005807		2.4	152	1.8	21.8	622	7.1				
Q005808		4.0	249	0.7	105.5	806	20.6				
Q005809		3.6	118	0.6	35.7	211	43.0				
Q005810		4.8	254	1.0	44.9	18	84.0				
Q005666		1.4	6	0.5	4.0	169	9.8				
Q005667		1.9	5	0.2	4.9	4	7.3				
Q005668		0.6	3	0.2	3.7	3	4.9				
Q005669		1.8	1	0.1	3.6	3	4.9				
Q005670		1.7	12	0.2	12.0	59	19.3				
Q005671		1.8	7	0.2	9.0	56	3.4				
Q005672		1.8	3	0.1	1.5	20	4.1				
Q005673		2.3	36	0.7	13.3	13	55.9				
Q005674		5.9	5	0.2	3.2	16	16.1				
Q005675		2.6	72	1.3	19.6	19	86.8				
Q005676		2.7	47	0.9	19.7	101	61.5				
Q005677		3.1	63	1.2	18.6	112	70.3				
Q005678		0.6	14	0.3	13.6	14	14.7				
Q005679		2.6	62	1.1	16.9	33	69.9				
Q005680		3.3	69	1.3	17.5	20	87.0				
Q005681		2.5	96	1.6	15.0	38	98.5				
Q005682		0.5	11	0.5	26.0	27	14.2				
Q005683		1.6	21	0.4	13.8	13	30.4				
Q005684		4.0	5	0.1	2.5	7380	7.4				

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005685		0.18	<0.01	0.06	2.56	<5	290	0.81	0.10	23.3	0.03	53.7	3.4	21	3.68	7.3
Q005686		0.28	0.01	0.07	1.95	13.8	80	0.20	0.10	0.12	0.05	24.8	3.7	25	1.49	7.9
Q005687		0.29	0.10	0.21	8.27	215	490	2.20	0.34	0.99	0.32	98.3	15.9	69	13.70	32.5
Q005688		0.41	0.04	0.07	0.72	29	120	0.13	0.04	27.7	1.67	15.75	3.0	6	0.42	4.0
Q005689		0.33	0.03	0.11	1.17	17	110	0.15	0.05	27.3	2.12	15.80	3.0	8	0.83	4.2
Q005690		0.21	<0.01	0.02	2.89	3.0	180	0.59	0.14	1.03	0.02	197.5	5.8	22	5.34	9.2
Q005691		0.10	<0.01	0.02	4.13	6.3	450	0.56	0.24	0.78	<0.02	42.4	2.3	27	8.22	11.0
Q005692		0.18	0.01	0.01	4.62	12.7	210	0.82	0.28	0.06	0.02	48.0	3.0	29	5.66	16.9
Q005693		0.13	<0.01	0.02	1.37	8.8	80	0.25	0.09	9.54	0.07	36.4	8.7	9	1.09	5.0
Q005694		0.27	<0.01	0.01	0.12	8	20	0.06	0.02	20.5	0.10	4.52	0.4	<1	0.14	1.5
Q005695		0.23	0.01	0.01	0.19	11	20	0.15	0.03	14.00	0.07	3.08	0.4	2	0.10	1.5
Q005696		0.21	<0.01	0.06	7.29	6.4	640	1.70	0.37	0.15	<0.02	49.5	4.7	67	8.69	25.2
Q005697		0.18	<0.01	<0.01	0.05	6	10	<0.05	0.02	17.30	<0.02	0.87	0.3	<1	0.05	1.0
Q005698		0.15	0.02	0.04	0.90	40	50	0.25	0.06	18.15	0.15	11.50	2.0	5	1.03	4.7
Q005699		0.20	0.03	0.09	6.54	22.2	300	1.68	0.29	6.35	0.07	47.1	13.6	56	9.34	19.9
Q005700		0.13	0.03	0.11	7.98	26.7	370	2.17	0.36	5.40	0.03	56.8	14.7	66	12.75	23.0
Q005701		0.14	0.02	0.10	6.86	26.6	300	1.72	0.27	8.09	0.02	55.2	14.3	52	10.50	21.0
Q005702		0.41	<0.01	0.03	0.30	<5	20	0.08	0.03	20.6	<0.02	5.91	0.8	<1	0.30	1.8
Q005703		0.37	0.02	0.02	0.40	6	20	0.09	0.03	20.5	0.08	6.65	1.2	<1	0.30	2.5
Q005704		0.21	<0.01	<0.01	0.10	5	10	0.05	0.02	20.8	<0.02	2.25	0.3	<1	0.06	0.9
Q005705		0.31	<0.01	0.04	0.95	12	40	0.18	0.06	18.95	0.03	8.55	2.4	4	0.75	6.1
Q005706		0.33	<0.01	0.01	0.24	<5	20	0.11	0.03	20.1	0.05	4.77	0.6	<1	0.16	1.8
Q005707		0.16	0.03	0.08	0.95	220	70	0.35	0.05	28.9	1.11	11.65	1.9	1	1.27	8.1
Q005708		0.20	<0.01	<0.01	0.03	5	<10	<0.05	0.02	20.2	<0.02	1.07	0.3	<1	<0.05	1.0
Q005709		0.38	<0.01	<0.01	0.10	8	10	0.05	0.02	35.5	<0.02	2.32	0.6	<1	0.12	2.0
Q005710		0.14	<0.01	0.04	6.31	9.3	510	1.15	0.33	0.41	<0.02	74.2	2.1	40	17.90	18.9
Q005711		0.27	<0.01	<0.01	0.05	5	10	<0.05	0.02	19.70	0.06	4.48	0.3	<1	0.07	1.5
Q005867		0.22	<0.01	<0.01	0.04	<5	10	<0.05	0.02	16.90	0.02	0.95	0.3	<1	0.06	1.3
Q005868		0.17	<0.01	0.04	0.10	50	490	0.20	0.02	34.1	1.72	2.87	2.7	<1	0.08	3.7
Q005869		0.16	<0.01	0.03	0.30	84	170	0.15	0.03	33.3	0.07	5.40	0.8	<1	0.19	2.2
Q005870		0.28	0.01	0.02	0.11	167	90	0.08	0.01	34.7	0.08	6.01	0.5	<1	0.08	1.4
Q005871		0.21	<0.01	0.01	0.17	68	40	0.14	0.02	27.1	0.40	5.36	1.2	<1	0.22	3.1
Q005872		0.54	0.01	0.01	0.13	68	150	0.07	0.02	29.9	<0.02	6.14	1.1	<1	0.12	1.7
Q005873		0.32	<0.01	<0.01	0.55	<5	110	0.21	0.03	27.6	<0.02	11.30	0.7	<1	0.45	1.5
Q005874		0.10	<0.01	0.01	0.10	12	10	0.05	0.02	20.5	0.37	9.29	0.3	<1	0.05	2.0
Q005875		0.24	0.01	0.13	3.81	35	280	0.96	0.26	11.80	0.76	34.0	5.6	40	6.42	19.8
Q005876		0.10	0.01	0.04	0.68	18	40	0.18	0.05	20.2	0.24	11.80	1.1	1	0.51	3.5
Q005877		0.19	<0.01	0.01	0.06	6	10	<0.05	0.02	21.2	0.09	3.22	0.3	<1	0.07	1.4
Q005878		0.32	0.01	0.19	2.38	13	210	0.57	0.14	17.15	0.17	30.0	4.9	22	3.51	13.6
Q005879		0.10	<0.01	0.01	0.08	<5	10	<0.05	0.02	19.25	<0.02	1.29	0.5	<1	0.07	1.4

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005685		1.83	6.30	<0.05	1.0	0.06	0.035	1.25	24.3	11.8	0.48	302	0.12	0.13	3.7	8.6
Q005686		1.39	4.79	0.07	0.9	0.06	0.007	0.93	11.4	24.3	0.12	140	0.33	0.01	2.8	10.9
Q005687		5.05	21.8	0.21	2.9	0.71	0.094	2.92	47.7	40.7	0.70	403	0.48	0.27	10.4	61.3
Q005688		0.86	1.85	<0.05	0.3	0.99	0.010	0.36	7.1	2.9	0.29	614	0.19	<0.01	0.7	4.8
Q005689		0.95	3.03	<0.05	0.4	0.99	0.009	0.61	8.3	3.9	1.39	619	0.15	0.01	1.4	5.9
Q005690		1.60	7.82	0.25	1.2	0.09	0.038	1.62	64.3	21.7	0.28	139	0.19	0.03	4.2	17.5
Q005691		1.50	10.50	0.30	1.9	0.05	0.025	2.61	24.7	22.0	0.30	62	0.23	0.13	6.4	6.1
Q005692		1.04	12.05	0.07	2.1	0.09	0.022	2.30	30.1	29.7	0.35	75	0.37	0.02	7.5	6.8
Q005693		0.97	3.28	0.11	0.6	0.04	0.062	0.63	12.0	39.0	0.23	424	0.18	0.01	1.6	18.4
Q005694		0.63	0.37	0.07	<0.1	0.28	<0.005	0.04	3.1	1.3	11.40	793	0.06	0.01	0.1	0.5
Q005695		0.79	0.46	0.05	0.1	0.15	<0.005	0.08	1.6	2.1	8.03	504	0.11	0.01	0.3	1.4
Q005696		3.03	20.6	0.13	3.7	0.03	0.069	3.63	24.5	34.7	0.52	41	0.39	0.48	13.1	8.8
Q005697		0.26	0.17	0.18	<0.1	0.01	<0.005	0.02	0.5	1.9	10.90	196	0.08	0.01	0.1	0.3
Q005698		0.82	2.22	0.08	0.5	0.16	0.008	0.38	7.2	7.7	11.05	410	0.12	0.01	1.5	4.9
Q005699		3.90	17.10	0.12	2.6	0.37	0.040	3.30	33.0	63.5	3.96	404	0.21	0.03	10.0	30.6
Q005700		3.00	22.5	0.15	3.3	0.47	0.041	4.23	38.6	82.3	3.58	261	0.25	0.04	13.7	33.0
Q005701		3.02	17.10	0.12	2.6	0.46	0.037	3.38	38.3	59.6	5.02	326	0.25	0.03	10.1	32.9
Q005702		0.43	0.76	0.11	0.1	0.03	0.005	0.14	3.3	3.5	11.55	289	0.07	0.01	0.4	1.2
Q005703		0.52	0.97	0.11	0.2	0.08	0.006	0.17	3.7	4.1	11.45	328	0.06	0.01	0.6	2.0
Q005704		0.36	0.33	0.18	<0.1	0.02	<0.005	0.04	1.2	1.6	12.10	404	<0.05	0.01	0.1	<0.2
Q005705		0.75	2.44	0.12	0.4	0.35	0.009	0.44	5.3	7.9	10.60	297	0.12	0.01	1.7	4.5
Q005706		0.36	0.60	0.14	0.2	0.07	<0.005	0.09	3.0	3.4	11.55	455	0.05	0.01	0.4	0.8
Q005707		0.75	2.38	0.10	0.4	1.63	0.009	0.36	6.3	6.9	2.61	375	0.14	0.02	1.0	5.2
Q005708		0.25	0.16	0.21	<0.1	0.01	<0.005	0.01	0.6	0.9	12.10	470	0.06	0.01	0.1	0.3
Q005709		0.05	0.29	0.18	<0.1	0.03	<0.005	0.05	1.7	1.0	0.38	113	0.06	0.01	0.2	0.6
Q005710		1.81	15.40	0.21	2.6	0.09	0.034	3.71	41.6	40.5	0.57	29	0.90	0.26	11.1	5.2
Q005711		1.86	0.18	0.06	0.1	0.04	<0.005	0.02	3.2	0.8	11.25	1550	0.06	0.01	0.1	0.2
Q005867		0.44	0.14	0.11	<0.1	0.02	<0.005	0.01	0.5	1.5	10.45	529	0.09	0.01	0.1	0.4
Q005868		1.05	0.42	<0.05	0.1	0.50	<0.005	0.03	3.9	0.7	1.50	2400	0.27	<0.01	0.1	2.2
Q005869		1.69	0.71	<0.05	0.1	0.14	<0.005	0.10	3.2	1.2	1.83	1140	0.14	<0.01	0.3	2.4
Q005870		1.17	0.36	<0.05	<0.1	0.09	<0.005	0.05	2.5	0.6	1.33	879	0.16	<0.01	<0.1	1.8
Q005871		0.90	0.50	<0.05	0.1	0.16	<0.005	0.06	2.8	1.4	6.03	642	0.12	0.01	0.2	2.5
Q005872		1.37	0.37	<0.05	0.1	0.12	<0.005	0.05	4.4	0.9	3.93	1380	0.16	<0.01	0.1	1.8
Q005873		0.92	1.39	<0.05	0.2	0.01	0.014	0.26	4.7	5.5	2.05	370	0.06	0.01	0.6	0.8
Q005874		1.42	0.24	0.05	<0.1	0.05	<0.005	0.02	5.5	1.0	11.55	1210	0.08	0.02	0.1	1.2
Q005875		1.90	9.45	0.11	2.0	0.52	0.033	1.80	20.4	46.2	2.72	423	0.45	0.04	6.6	20.9
Q005876		1.35	1.56	0.06	0.3	0.27	0.010	0.25	5.2	5.8	9.57	1080	0.12	0.01	0.8	3.4
Q005877		1.19	0.16	0.05	<0.1	0.02	<0.005	0.02	2.1	1.1	11.00	1080	0.06	0.01	0.1	0.4
Q005878		1.27	5.95	0.12	1.4	0.27	0.015	1.00	14.2	12.5	3.31	228	0.49	0.08	4.0	18.1
Q005879		0.62	0.23	0.11	0.1	0.02	<0.005	0.04	0.9	1.3	11.65	469	0.06	0.01	0.1	0.8

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005685		300	12.2	49.0	<0.002	0.20	0.17	4.3	1	0.8	1300	0.28	<0.05	4.8	0.100	0.23
Q005686		100	14.1	24.2	<0.002	0.02	3.31	2.8	<1	0.5	17.0	0.21	<0.05	3.9	0.078	0.17
Q005687		980	47.2	131.0	<0.002	<0.01	10.75	13.3	1	2.4	135.5	0.79	<0.05	14.4	0.299	1.05
Q005688		550	10.3	9.4	<0.002	<0.01	2.67	1.4	1	0.2	553	0.06	<0.05	1.3	0.021	0.12
Q005689		300	8.8	16.9	<0.002	<0.01	1.72	2.2	1	0.4	792	0.10	<0.05	1.9	0.036	0.15
Q005690		110	20.8	45.1	<0.002	0.77	0.15	6.9	1	0.8	39.7	0.30	<0.05	6.3	0.115	0.27
Q005691		140	36.2	74.7	<0.002	0.80	0.25	5.4	<1	1.1	61.1	0.48	<0.05	6.6	0.178	0.42
Q005692		130	26.6	70.0	0.002	0.03	3.88	7.0	1	1.5	30.5	0.54	<0.05	9.5	0.208	0.36
Q005693		210	8.1	17.8	<0.002	0.01	2.28	4.1	1	0.6	140.5	0.12	<0.05	2.5	0.046	0.13
Q005694		220	1.4	1.2	<0.002	<0.01	0.47	0.2	1	0.2	82.4	<0.05	<0.05	0.2	<0.005	<0.02
Q005695		470	4.1	2.5	<0.002	<0.01	0.72	0.3	1	0.2	189.5	<0.05	<0.05	0.5	0.009	0.02
Q005696		150	25.2	142.0	0.002	0.12	0.39	12.6	1	2.6	56.3	0.88	0.06	10.9	0.390	0.69
Q005697		190	0.7	0.7	0.002	<0.01	0.22	0.1	<1	<0.2	42.4	<0.05	<0.05	<0.2	<0.005	<0.02
Q005698		390	8.9	12.9	0.002	<0.01	3.74	1.9	1	0.4	66.8	0.10	<0.05	2.0	0.044	0.05
Q005699		400	54.6	90.0	<0.002	0.02	4.83	10.3	1	2.1	41.5	0.72	<0.05	9.8	0.297	0.63
Q005700		210	59.5	109.0	0.002	0.03	5.77	12.9	1	2.7	42.9	0.94	<0.05	12.6	0.365	0.76
Q005701		210	56.0	118.0	<0.002	0.03	5.86	12.4	1	2.2	44.3	0.72	<0.05	13.8	0.300	0.60
Q005702		210	2.8	4.9	0.002	<0.01	0.41	1.2	<1	0.2	80.6	<0.05	<0.05	0.7	0.013	0.02
Q005703		430	3.9	5.3	<0.002	<0.01	0.59	1.9	1	0.2	77.5	<0.05	<0.05	1.0	0.017	0.02
Q005704		280	<0.5	1.2	<0.002	<0.01	0.07	0.2	1	<0.2	151.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q005705		640	14.2	12.1	0.002	0.01	0.62	2.1	<1	0.4	88.5	0.12	<0.05	2.1	0.041	0.06
Q005706		240	3.1	2.8	<0.002	<0.01	0.28	0.6	<1	0.2	59.2	<0.05	<0.05	0.5	0.010	<0.02
Q005707		320	14.7	14.5	0.002	0.03	11.05	2.3	1	0.3	73.8	0.07	<0.05	2.0	0.031	0.11
Q005708		200	0.7	0.3	<0.002	<0.01	0.05	0.1	<1	<0.2	57.6	<0.05	<0.05	<0.2	<0.005	<0.02
Q005709		650	1.5	1.4	<0.002	<0.01	<0.05	0.3	1	0.2	277	<0.05	<0.05	0.2	0.005	<0.02
Q005710		210	22.0	126.0	0.003	0.14	0.24	8.9	1	1.9	87.0	0.80	<0.05	14.5	0.304	0.54
Q005711		250	1.6	0.7	<0.002	<0.01	0.17	0.2	<1	<0.2	35.2	<0.05	<0.05	<0.2	<0.005	<0.02
Q005867		190	1.0	0.6	<0.002	<0.01	0.10	0.1	<1	<0.2	101.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q005868		450	1.7	1.1	<0.002	<0.01	1.06	1.2	<1	0.2	112.0	<0.05	<0.05	<0.2	<0.005	0.12
Q005869		320	3.5	3.9	<0.002	<0.01	1.05	0.6	1	0.2	344	<0.05	<0.05	0.4	0.008	0.09
Q005870		310	1.5	1.9	0.002	<0.01	1.85	2.0	1	<0.2	294	<0.05	<0.05	0.3	<0.005	0.14
Q005871		510	3.8	2.2	<0.002	<0.01	3.27	1.8	<1	0.2	84.7	<0.05	<0.05	0.4	0.006	0.02
Q005872		260	1.6	1.9	<0.002	<0.01	1.36	1.0	<1	<0.2	177.0	<0.05	<0.05	0.3	<0.005	0.04
Q005873		60	1.9	9.8	<0.002	<0.01	<0.05	1.5	1	0.3	1700	0.05	<0.05	1.1	0.018	0.04
Q005874		300	5.0	0.7	0.002	<0.01	0.33	0.2	<1	<0.2	90.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q005875		750	61.0	68.8	0.002	0.03	1.93	4.5	1	1.3	733	0.47	<0.05	7.1	0.186	0.48
Q005876		110	8.4	7.8	<0.002	<0.01	0.93	2.9	1	0.3	171.0	0.05	<0.05	1.3	0.022	0.07
Q005877		130	3.6	0.6	<0.002	<0.01	0.38	0.3	1	<0.2	65.0	<0.05	<0.05	<0.2	<0.005	0.02
Q005878		1520	28.5	38.6	<0.002	0.06	0.58	3.8	1	0.9	384	0.28	<0.05	5.5	0.112	0.32
Q005879		140	1.1	1.1	<0.002	<0.01	0.18	0.2	<1	<0.2	39.1	<0.05	<0.05	0.2	<0.005	<0.02

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	Hg-CV42 Hg ppm 0.1
Q005685		1.7	22	0.5	14.2	53	36.3				
Q005686		0.8	17	1.2	3.2	31	27.1				
Q005687		4.3	80	2.2	19.2	2290	97.9				
Q005688		1.5	6	0.4	8.0	441	13.8				
Q005689		1.0	9	0.6	7.1	594	13.9				
Q005690		1.1	20	0.5	22.5	10	37.8				
Q005691		1.0	34	0.7	6.7	9	60.7				
Q005692		1.7	44	1.4	7.7	14	66.9				
Q005693		0.7	11	0.5	21.2	21	17.5				
Q005694		0.8	1	0.1	3.0	59	1.4				
Q005695		1.2	2	0.2	1.5	44	5.2				
Q005696		2.2	116	1.4	9.5	73	117.0				
Q005697		0.6	1	<0.1	0.8	2	0.7				
Q005698		1.5	11	0.6	4.2	49	16.4				
Q005699		2.8	79	3.0	9.0	25	88.1				
Q005700		2.3	93	3.8	8.7	18	108.0				
Q005701		2.3	75	2.9	9.7	18	90.0				
Q005702		0.6	4	0.1	3.6	2	5.0				
Q005703		1.0	6	0.2	4.0	31	7.5				
Q005704		0.7	1	<0.1	1.7	8	0.8				
Q005705		2.1	8	0.4	5.0	39	15.1				
Q005706		0.9	3	0.1	2.4	48	4.4				
Q005707		39.3	10	0.5	7.4	225	15.7				
Q005708		1.0	<1	<0.1	1.2	2	0.8				
Q005709		1.5	2	<0.1	1.8	5	2.4				
Q005710		2.7	64	1.0	9.7	9	75.5				
Q005711		0.9	1	<0.1	1.6	24	6.8				
Q005867		0.6	1	<0.1	0.7	20	1.4				
Q005868		0.8	3	0.2	8.9	150	2.9				
Q005869		1.5	2	0.2	3.9	12	5.2				
Q005870		1.5	2	0.1	4.6	56	1.8				
Q005871		1.2	4	0.1	4.5	202	4.1				
Q005872		1.3	2	0.1	3.5	87	3.6				
Q005873		0.6	5	0.2	5.8	4	6.7				
Q005874		0.5	1	0.1	2.5	89	1.0				
Q005875		3.9	40	0.9	9.0	535	69.5				
Q005876		0.9	9	0.3	5.5	116	9.3				
Q005877		0.5	1	<0.1	2.0	29	1.0				
Q005878		5.4	21	0.5	11.9	177	46.3				
Q005879		0.5	1	0.1	0.9	15	2.4				

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q005880		0.18	<0.01	0.01	0.05	<5	10	<0.05	0.02	22.6	0.02	1.56	0.3	<1	0.05	1.2
Q005881		0.13	<0.01	<0.01	0.08	5	<10	<0.05	0.02	26.1	<0.02	0.74	0.3	<1	<0.05	0.8
Q005882		0.40	<0.01	<0.01	0.14	<5	10	0.05	0.03	26.8	<0.02	6.16	0.4	<1	0.13	1.1
Q005883		0.32	<0.01	0.05	1.71	13	100	0.48	0.11	17.15	0.48	18.55	2.8	17	2.44	8.1
Q005884		0.17	<0.01	<0.01	0.08	<5	10	0.06	0.01	31.8	<0.02	6.90	0.8	1	0.07	1.1
Q005885		0.22	<0.01	0.15	0.86	8	60	0.19	0.07	20.7	28.9	12.95	1.3	9	0.71	16.1
Q005886		0.19	<0.01	0.02	0.16	5.1	20	0.08	0.01	5.44	0.22	3.30	0.5	5	0.26	1.5
Q005887		0.39	0.02	0.31	7.32	113.0	750	2.22	0.33	1.31	0.48	79.0	12.8	74	16.60	26.6
Q005888		0.14	0.01	0.02	0.22	16	20	0.17	0.02	26.0	0.23	6.02	1.4	2	0.29	2.0
Q005889		0.16	0.01	0.02	0.38	8	10	0.13	0.02	23.2	0.05	3.53	0.9	3	0.13	1.3
Q005890		0.19	<0.01	0.07	0.09	159	10	0.18	0.02	31.0	0.28	3.70	1.8	2	0.13	1.5
Q005891		0.23	<0.01	0.02	0.27	27	30	0.16	0.03	24.7	0.55	7.23	2.0	3	0.91	3.7
Q005892		0.35	0.06	0.13	1.43	38	100	0.36	0.10	19.00	0.26	17.60	4.5	12	1.51	10.9
Q005893		0.15	0.02	0.06	0.83	12	60	0.20	0.06	20.5	0.14	12.65	2.7	7	0.78	5.8
Q005894		0.29	<0.01	0.01	0.28	<5	30	0.13	0.01	21.7	0.04	4.76	1.2	2	0.24	1.8
Q005895		0.32	<0.01	0.02	0.47	<5	40	0.15	0.02	19.80	0.07	7.60	1.6	5	0.39	2.4
Q005896		0.43	0.05	0.14	1.94	40	120	0.51	0.12	19.10	0.25	18.95	6.0	16	2.08	14.6
Q005897		0.13	<0.01	0.03	0.44	<5	30	0.13	0.02	21.6	0.10	8.76	1.7	4	0.38	2.7
Q005898		0.37	<0.01	<0.01	0.19	<5	10	0.06	<0.01	12.15	0.02	2.68	0.6	4	0.10	0.7
Q005899		0.35	<0.01	0.05	0.39	<5	20	0.11	0.03	24.9	0.06	6.58	1.2	6	0.30	5.0
Q005900		0.31	<0.01	0.10	0.70	12	30	0.18	0.05	24.9	0.11	9.12	2.0	9	0.46	9.5
Q005901		0.42	<0.01	0.07	0.52	11	30	0.14	0.03	28.6	0.16	5.85	1.5	7	0.39	5.7
Q005902		0.32	<0.01	0.05	0.33	14	30	0.13	0.02	28.1	0.23	5.01	1.3	7	0.27	4.4
Q005903		0.22	<0.01	0.09	0.81	14	40	0.17	0.05	19.95	0.18	6.77	1.9	10	0.55	8.1
Q005904		0.20	0.02	0.03	0.71	<5	30	0.21	0.02	22.5	0.21	8.61	1.8	4	0.40	3.1
Q005905		0.31	<0.01	<0.01	0.04	<5	10	0.07	<0.01	23.5	0.02	0.89	0.8	1	<0.05	0.6
Q005906		0.13	<0.01	<0.01	0.07	<5	10	<0.05	<0.01	22.7	0.02	1.06	0.7	1	0.05	0.6
Q005907		0.18	<0.01	0.01	0.12	<5	20	0.09	0.01	21.1	0.04	2.68	1.0	3	0.09	1.2
Q005908		0.14	<0.01	<0.01	0.09	<5	10	<0.05	<0.01	19.00	0.02	1.63	0.8	2	0.07	0.9
Q005909		0.25	<0.01	0.01	0.02	<5	10	0.05	<0.01	22.3	0.02	0.71	0.8	1	<0.05	0.6
Q005910		0.21	0.01	1.07	0.70	243	120	0.56	0.03	33.3	2.34	9.79	2.2	11	1.24	4.5
Q005911		0.20	0.02	1.23	1.60	637	370	0.65	0.05	31.8	4.20	19.60	3.3	23	1.62	7.7
Q005912		0.08	<0.01	0.97	0.10	256	20	0.40	0.01	35.5	7.62	2.46	2.3	3	0.11	3.3
Q005913		0.36	<0.01	0.20	0.37	171	50	0.41	0.01	37.0	1.22	5.15	2.1	7	0.25	1.6
Q005914		0.30	0.04	4.16	0.94	647	160	0.67	0.04	30.1	38.4	12.35	4.1	13	1.43	9.9
Q005915		0.26	0.56	41.5	1.31	2190	190	0.57	0.06	19.55	195.5	14.40	13.4	21	2.11	37.2
Q005916		0.32	0.01	1.20	0.27	183	40	0.39	0.01	35.2	9.85	3.86	3.2	4	0.27	3.3
Q005917		0.08	<0.01	0.52	0.24	245	60	0.45	0.01	31.9	9.62	3.72	2.1	3	0.23	2.3
Q005918		0.12	0.36	>100	0.68	4410	140	0.34	0.03	1.09	925	7.79	12.2	10	1.13	69.2
Q005919		0.23	0.28	59.5	0.34	1980	70	0.20	0.01	22.9	180.5	4.12	2.8	6	0.39	23.9

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q005880		0.27	0.18	0.22	<0.1	0.01	<0.005	0.02	0.9	0.8	11.35	344	0.05	0.01	0.1	0.4
Q005881		0.21	0.20	0.18	<0.1	0.01	<0.005	0.01	<0.5	1.7	6.97	256	0.05	0.01	<0.1	0.3
Q005882		0.38	0.40	0.14	0.1	0.02	<0.005	0.06	3.2	2.3	6.70	333	0.07	0.01	0.2	0.6
Q005883		1.25	4.62	0.06	0.7	0.53	0.012	0.79	10.0	11.3	8.95	727	0.25	0.03	2.9	8.3
Q005884		0.10	0.22	<0.05	<0.1	0.02	<0.005	0.03	4.4	0.9	5.22	91	<0.05	0.01	0.3	0.5
Q005885		0.58	9.84	0.05	0.3	51.5	0.019	0.41	8.2	3.3	12.00	538	0.16	0.01	1.7	3.6
Q005886		0.41	0.43	<0.05	0.1	0.55	<0.005	0.05	1.2	6.5	2.15	108	0.10	<0.01	0.2	1.7
Q005887		3.87	19.45	0.18	2.6	1.15	0.062	2.45	41.7	48.0	0.74	773	0.67	0.40	11.4	34.2
Q005888		0.83	0.68	<0.05	0.1	0.16	<0.005	0.07	3.4	1.7	9.29	788	<0.05	0.01	0.4	2.6
Q005889		0.63	0.82	<0.05	0.1	0.46	<0.005	0.04	1.8	2.4	10.50	671	<0.05	0.01	0.3	1.7
Q005890		1.52	0.32	0.06	0.1	1.15	<0.005	0.02	2.0	0.9	4.11	542	0.11	<0.01	0.3	3.6
Q005891		2.24	0.92	0.09	0.1	0.07	0.005	0.09	4.3	2.1	9.29	1540	0.11	0.01	0.4	5.3
Q005892		1.68	3.99	0.08	0.7	0.2	0.010	0.60	11.7	9.9	11.10	981	0.16	0.02	3.6	9.7
Q005893		1.21	2.48	0.06	0.4	0.16	0.009	0.36	7.9	6.6	11.90	918	0.10	0.02	1.8	5.1
Q005894		0.73	0.81	<0.05	0.1	0.06	<0.005	0.12	3.0	3.9	12.45	740	<0.05	0.01	0.6	1.7
Q005895		0.60	1.25	<0.05	0.2	0.07	0.005	0.16	4.1	3.8	12.25	535	0.08	0.03	1.0	2.5
Q005896		1.63	5.02	0.09	1.1	0.51	0.014	0.72	11.9	14.7	10.15	674	0.19	0.02	4.9	12.4
Q005897		0.87	1.19	<0.05	0.2	0.14	0.006	0.16	5.4	3.9	11.35	800	0.06	0.02	0.9	2.7
Q005898		0.50	0.52	<0.05	<0.1	0.02	<0.005	0.08	1.0	5.3	7.56	426	0.06	0.01	0.1	1.2
Q005899		0.47	1.03	<0.05	0.2	0.11	<0.005	0.15	3.2	3.6	3.74	293	0.12	0.01	0.7	4.9
Q005900		0.63	1.82	<0.05	0.4	0.20	0.005	0.26	4.7	5.4	1.82	261	0.21	0.01	1.5	9.2
Q005901		0.51	1.28	<0.05	0.3	0.16	<0.005	0.20	3.2	4.0	1.51	204	0.12	0.01	1.1	6.0
Q005902		0.40	0.86	<0.05	0.2	0.08	<0.005	0.14	2.5	2.7	2.38	236	0.11	0.01	0.7	4.6
Q005903		0.80	2.08	0.05	0.4	0.18	0.005	0.34	3.8	6.4	2.05	235	0.20	0.01	1.5	7.9
Q005904		0.61	1.67	<0.05	0.2	0.40	0.007	0.17	4.6	5.7	9.36	448	0.05	0.01	1.0	3.6
Q005905		0.32	0.13	<0.05	<0.1	0.02	<0.005	0.01	0.5	2.2	12.30	415	<0.05	0.01	0.1	0.8
Q005906		0.20	0.22	<0.05	<0.1	<0.1	<0.005	0.02	0.6	1.2	10.25	244	<0.05	0.01	0.2	0.7
Q005907		0.41	0.35	0.05	0.1	0.07	<0.005	0.03	1.5	2.3	12.85	489	<0.05	0.02	0.3	1.5
Q005908		0.43	0.24	<0.05	<0.1	0.02	<0.005	0.02	0.8	2.3	10.75	377	0.06	0.02	0.2	1.2
Q005909		0.25	0.09	0.05	<0.1	0.09	<0.005	<0.01	<0.5	1.3	12.40	192	<0.05	0.01	0.1	0.9
Q005910		0.62	1.87	0.05	0.3	6.22	0.008	0.21	5.7	3.7	2.59	410	2.20	0.02	1.6	12.0
Q005911		1.17	4.06	0.07	0.7	11.7	0.016	0.48	11.6	6.0	0.53	404	9.74	0.02	3.5	22.7
Q005912		0.80	0.40	<0.05	<0.1	3.57	<0.005	0.02	1.8	0.6	2.33	471	2.66	0.01	0.3	10.0
Q005913		0.19	0.92	<0.05	0.2	3.40	<0.005	0.11	2.8	1.3	0.22	398	1.23	<0.01	0.7	4.7
Q005914		1.56	2.51	0.08	0.4	22.2	0.012	0.30	7.1	4.1	2.73	404	4.71	0.01	2.0	19.9
Q005915		6.79	4.51	0.21	0.5	>100	0.017	0.44	9.2	6.0	0.22	692	14.85	0.01	2.3	53.4
Q005916		1.12	0.75	0.05	0.1	10.8	<0.005	0.09	2.0	1.0	1.32	326	1.75	<0.01	0.6	11.5
Q005917		0.56	0.64	<0.05	0.1	12.7	<0.005	0.07	2.0	1.0	4.79	311	1.27	0.01	0.5	7.6
Q005918		6.29	7.58	0.21	0.3	>100	0.018	0.23	5.4	5.4	0.10	714	21.7	<0.01	1.1	52.9
Q005919		1.96	1.88	0.05	0.1	74.8	0.009	0.11	2.6	3.4	0.12	786	4.38	0.01	0.6	14.8

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 25-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005880		280	0.8	0.6	<0.002	<0.01	<0.05	0.2	<1	<0.2	113.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q005881		180	0.8	0.5	<0.002	<0.01	<0.05	0.1	1	0.2	113.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q005882		190	1.1	2.1	<0.002	<0.01	0.11	0.4	<1	0.2	503	<0.05	<0.05	0.3	0.007	<0.02
Q005883		570	17.1	28.2	<0.002	0.01	1.76	2.9	2	0.5	110.5	0.21	0.05	3.6	0.080	0.19
Q005884		570	1.6	1.0	<0.002	0.01	0.07	0.5	2	<0.2	163.5	<0.05	0.12	0.2	<0.005	<0.02
Q005885		2510	11.4	13.4	<0.002	<0.01	2.57	1.2	3	0.6	182.5	0.11	0.19	2.2	0.034	0.07
Q005886		750	3.7	2.1	<0.002	<0.01	1.09	0.5	1	<0.2	65.2	<0.05	<0.05	0.5	<0.005	0.02
Q005887		1380	40.1	135.5	<0.002	0.07	3.94	14.5	4	2.2	162.5	0.83	0.14	14.3	0.318	0.94
Q005888		160	5.7	2.8	<0.002	<0.01	2.07	0.5	3	<0.2	133.0	<0.05	0.07	0.3	0.007	0.03
Q005889		340	4.9	1.7	<0.002	<0.01	2.37	1.1	3	<0.2	118.5	<0.05	0.12	0.3	<0.005	<0.02
Q005890		150	13.2	0.9	<0.002	0.01	11.95	0.5	4	<0.2	94.1	<0.05	0.19	0.2	<0.005	0.04
Q005891		150	4.7	5.1	<0.002	<0.01	0.88	1.1	4	<0.2	85.6	<0.05	0.09	0.4	0.007	0.08
Q005892		630	17.6	21.8	<0.002	<0.01	5.86	3.2	4	0.4	82.1	0.24	0.16	3.9	0.077	0.14
Q005893		480	9.3	12.8	<0.002	<0.01	2.40	2.1	3	0.3	76.9	0.12	0.15	2.0	0.037	0.07
Q005894		290	2.8	3.9	<0.002	<0.01	0.70	0.7	2	<0.2	117.0	<0.05	0.10	0.6	0.011	0.02
Q005895		380	3.5	7.6	<0.002	<0.01	0.47	1.1	2	<0.2	58.4	0.06	0.07	1.0	0.024	0.04
Q005896		860	23.5	26.1	<0.002	<0.01	8.33	3.9	3	0.6	111.0	0.34	0.15	5.2	0.111	0.18
Q005897		310	4.8	5.9	<0.002	<0.01	1.02	1.3	2	<0.2	101.0	0.06	0.12	1.0	0.020	0.04
Q005898		60	0.8	2.9	<0.002	<0.01	0.30	1.0	2	<0.2	145.0	<0.05	0.10	0.3	<0.005	0.02
Q005899		460	13.9	5.2	<0.002	<0.01	0.92	2.6	3	<0.2	598	<0.05	0.12	1.1	0.017	0.03
Q005900		780	28.4	9.0	<0.002	<0.01	2.05	3.3	3	0.2	603	0.09	0.13	2.0	0.036	0.05
Q005901		660	17.3	6.6	<0.002	<0.01	1.66	1.6	2	0.2	881	0.06	0.14	1.3	0.024	0.05
Q005902		530	13.0	4.7	<0.002	<0.01	1.47	1.8	3	<0.2	669	<0.05	0.10	0.9	0.015	0.03
Q005903		880	24.3	11.0	<0.002	0.01	1.91	2.2	2	0.2	525	0.09	0.06	1.8	0.036	0.06
Q005904		740	6.6	6.4	<0.002	<0.01	1.00	1.5	3	0.2	149.0	0.06	0.06	1.3	0.020	0.03
Q005905		130	0.9	0.4	<0.002	<0.01	0.13	0.1	2	<0.2	116.0	<0.05	0.11	<0.2	<0.005	<0.02
Q005906		150	0.8	0.8	<0.002	<0.01	0.07	0.2	3	<0.2	119.5	<0.05	0.09	<0.2	<0.005	<0.02
Q005907		510	2.5	1.5	<0.002	<0.01	0.47	0.4	2	<0.2	57.8	<0.05	0.07	0.3	0.007	<0.02
Q005908		160	1.1	1.0	<0.002	<0.01	0.20	0.3	3	<0.2	60.9	<0.05	0.14	<0.2	<0.005	<0.02
Q005909		240	1.9	0.1	<0.002	<0.01	0.25	0.1	2	<0.2	110.0	<0.05	0.10	<0.2	<0.005	<0.02
Q005910		470	260	11.9	<0.002	<0.01	3.24	2.6	3	0.2	64.1	0.09	0.16	1.3	0.043	1.05
Q005911		720	199.5	22.1	0.002	0.02	8.53	5.2	4	0.5	95.7	0.21	0.10	3.0	0.100	2.50
Q005912		110	112.5	1.2	<0.002	0.03	2.40	2.3	3	<0.2	45.7	<0.05	0.11	0.2	<0.005	0.61
Q005913		100	25.8	4.8	0.007	0.02	1.34	5.9	3	<0.2	20.2	<0.05	0.18	0.7	0.017	0.94
Q005914		430	927	15.4	<0.002	0.01	7.86	2.9	4	0.3	68.8	0.12	0.18	1.8	0.055	2.85
Q005915		780	5120	20.4	<0.002	0.07	47.8	4.9	13	0.5	59.9	0.14	0.21	2.2	0.063	6.95
Q005916		140	229	4.2	<0.002	0.01	2.39	1.7	3	<0.2	76.5	<0.05	0.15	0.4	0.014	0.55
Q005917		150	69.3	3.5	<0.002	<0.01	2.03	0.6	2	<0.2	65.2	<0.05	0.12	0.3	0.010	0.61
Q005918		1180	6790	10.5	0.002	0.17	70.7	1.5	27	0.4	28.0	0.06	0.08	1.2	0.031	9.74
Q005919		990	1130	4.4	<0.002	0.09	27.4	2.2	4	0.2	69.9	<0.05	<0.05	0.5	0.016	1.72

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	Hg-CV42 Hg ppm 0.1
Q005880		1.0	1	<0.1	1.1	8	1.9				
Q005881		1.6	<1	<0.1	0.7	8	0.9				
Q005882		0.6	2	0.1	3.5	<2	3.4				
Q005883		1.8	19	0.5	6.1	175	28.9				
Q005884		1.4	2	0.1	3.7	6	1.8				
Q005885		3.6	6	0.6	7.2	>10000	15.3			1.160	
Q005886		0.9	2	0.1	2.9	83	3.5				
Q005887		5.3	93	1.7	23.8	370	99.8				
Q005888		3.7	3	0.2	4.8	131	3.7				
Q005889		1.4	5	0.1	3.3	27	2.4				
Q005890		2.3	2	0.1	3.7	214	2.1				
Q005891		0.5	4	0.1	4.9	264	4.7				
Q005892		2.6	14	0.9	7.4	142	29.3				
Q005893		1.7	8	0.4	6.0	69	15.4				
Q005894		0.9	3	0.2	2.8	21	4.6				
Q005895		1.2	6	0.2	3.6	20	8.4				
Q005896		4.1	18	1.4	9.8	92	44.5				
Q005897		1.2	5	0.2	4.4	31	8.0				
Q005898		0.2	3	0.1	2.7	13	2.3				
Q005899		2.4	6	0.2	5.6	55	8.7				
Q005900		3.8	8	0.4	7.5	92	17.4				
Q005901		2.7	6	0.3	5.2	105	11.5				
Q005902		2.5	5	0.2	4.9	79	7.7				
Q005903		3.2	8	0.4	5.8	164	17.5				
Q005904		1.8	7	0.4	6.5	70	9.7				
Q005905		2.1	<1	0.1	1.3	6	0.6				
Q005906		1.3	1	2.4	1.3	4	0.7				
Q005907		1.0	2	0.1	2.0	11	2.5				
Q005908		0.6	2	0.1	1.4	4	1.4				
Q005909		1.2	1	<0.1	1.3	16	<0.5				
Q005910		5.6	27	0.7	8.2	207	12.6				
Q005911		12.4	42	3.2	12.2	496	30.6				
Q005912		4.9	13	0.2	8.5	490	2.4				
Q005913		10.6	25	0.8	10.4	62	7.6				
Q005914		5.7	26	1.2	8.5	3010	17.1				
Q005915		10.5	41	2.8	15.2	>10000	22.2			3.35	368
Q005916		2.8	12	0.3	8.6	1400	5.4				
Q005917		1.5	7	0.3	2.4	908	4.8				
Q005918		9.1	24	2.7	8.2	>10000	10.8	144		17.10	966
Q005919		7.7	18	1.3	5.8	>10000	4.9			3.48	

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

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ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005920		0.20	0.77	>100	1.06	8760	360	0.33	0.06	1.75	>1000	12.90	16.3	17	0.95	77.9
Q005921		0.20	0.56	>100	0.50	3560	90	0.17	0.02	1.10	>1000	5.53	6.9	8	0.63	93.7
Q005922		0.24	<0.01	1.02	0.21	35	20	0.46	0.01	36.4	10.15	3.30	0.5	2	0.12	21.1
Q005923		0.26	<0.01	0.65	0.14	81	20	0.10	0.01	26.5	5.13	2.33	0.9	1	0.13	3.3
Q005924		0.37	<0.01	0.87	0.72	252	110	0.50	0.03	30.4	2.48	8.07	1.8	10	1.36	5.9
Q005925		0.43	<0.01	0.31	0.13	52	50	0.19	0.01	37.6	3.14	1.88	0.5	3	0.18	2.8
Q005926		0.20	0.44	4.01	4.78	1680	1470	1.28	0.16	18.90	9.89	60.3	11.0	99	4.13	141.5
Q005927		0.15	0.36	3.36	5.08	2710	1460	1.67	0.16	18.20	11.05	60.5	14.6	135	4.57	256
Q005928		0.19	0.32	3.01	3.94	1800	1120	1.27	0.13	22.0	8.69	47.4	8.8	99	3.39	176.5
Q005929		0.33	0.04	0.87	0.63	359	170	0.30	0.02	36.1	4.22	12.10	3.5	19	0.58	14.7
Q005930		0.17	0.06	0.94	0.68	413	220	0.27	0.03	34.2	3.65	11.60	4.0	22	0.61	17.9
Q005931		0.07	0.01	1.70	4.18	1685	2600	1.60	0.17	1.47	3.83	47.8	3.9	100	6.45	52.0
Q005932		0.18	<0.01	0.21	0.41	272	710	0.50	0.02	31.5	2.36	4.21	5.4	13	0.67	33.7
Q005933		0.27	0.01	1.93	4.34	78.4	1910	1.28	0.20	0.32	0.25	59.1	0.5	103	5.69	26.7
Q005934		0.31	0.01	1.86	4.15	67.5	1760	1.13	0.19	0.24	0.14	54.8	0.5	99	5.91	23.6
Q005935		0.06	0.01	2.50	4.16	70.7	2540	1.08	0.22	0.28	0.16	64.6	0.5	97	5.41	13.9
Q005936		0.21	0.01	1.46	4.07	2050	3470	2.60	0.15	2.82	5.19	40.2	13.4	93	7.15	211
Q005937		0.51	<0.01	0.12	1.49	26.9	190	0.32	0.04	1.09	0.47	21.0	3.7	20	0.66	4.4
Q005938		0.22	<0.01	0.64	6.07	61.0	2290	1.15	0.30	0.71	0.35	78.1	0.9	80	8.37	19.1
Q005939		0.49	<0.01	0.64	6.01	57.3	2710	1.15	0.29	1.35	0.34	76.3	0.9	75	7.28	18.0
Q005940		0.41	<0.01	0.19	0.19	316	40	0.31	0.01	34.1	5.47	3.14	1.7	3	0.36	3.6
Q005941		0.16	0.01	0.98	2.89	773	910	1.35	0.12	2.86	8.50	31.3	50.8	49	6.24	53.5
Q005942		0.43	<0.01	0.10	0.24	33	60	0.49	0.01	33.0	0.60	3.08	1.0	3	0.23	2.3
Q005943		0.05	<0.01	0.07	0.15	70	90	0.14	0.01	29.7	0.42	1.50	1.2	3	0.21	4.1
Q005944		0.03	0.01	0.79	2.07	1100	1090	1.27	0.08	22.3	9.88	18.05	29.8	37	2.30	353
Q005945		0.09	0.01	1.13	4.95	150.5	2570	1.14	0.23	0.41	0.20	65.2	0.9	95	7.77	12.5
Q005946		0.14	0.01	1.18	4.89	118.0	2360	1.15	0.22	0.30	0.16	63.2	0.8	95	7.74	11.2
Q005947		0.30	<0.01	1.00	5.02	125.0	2180	1.19	0.23	0.24	0.14	61.8	0.7	105	7.38	10.6
Q005948		0.50	<0.01	0.96	5.10	111.5	2100	1.15	0.21	0.87	0.17	61.5	0.8	107	7.12	10.6
Q005949		0.64	0.01	1.43	3.41	2540	3030	2.29	0.12	4.54	4.66	35.5	11.1	86	5.79	232
Q005950		0.21	<0.01	1.04	4.87	490	2270	1.30	0.23	0.75	0.84	59.1	2.4	108	7.20	43.4
Q005951		0.33	<0.01	0.58	1.84	302	2550	0.91	0.06	12.10	1.15	25.1	4.6	36	1.70	39.2
Q005952		0.17	<0.01	0.57	1.16	230	2290	0.92	0.05	12.90	1.24	14.00	2.9	32	1.41	29.7

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005920		8.02	6.56	0.28	0.5	>100	0.030	0.38	7.8	5.5	0.08	933	44.2	0.01	1.6	93.1
Q005921		4.49	8.22	0.10	0.2	>100	0.013	0.19	3.9	4.5	0.05	660	13.70	<0.01	0.7	44.1
Q005922		0.08	0.51	0.10	0.1	8.5	0.005	0.08	1.3	0.3	0.35	204	0.43	<0.01	0.2	1.0
Q005923		0.20	0.38	0.08	0.1	3.69	<0.005	0.06	1.6	1.1	8.48	49	0.81	0.01	0.2	2.9
Q005924		0.61	1.85	0.08	0.3	6.8	0.007	0.23	4.5	3.8	3.39	365	1.66	0.02	1.4	11.3
Q005925		0.10	0.41	0.07	0.1	2.00	<0.005	0.04	1.2	1.0	0.16	448	1.01	<0.01	0.3	2.7
Q005926		4.02	11.85	0.17	2.0	33.2	0.057	1.59	40.8	10.0	0.28	267	76.7	0.02	9.8	135.5
Q005927		5.72	13.90	0.18	2.0	37.3	0.095	1.63	41.2	9.6	0.28	280	101.5	0.02	9.1	166.5
Q005928		4.08	10.30	0.15	1.7	26.9	0.061	1.23	31.8	7.8	0.25	311	61.4	0.02	7.6	117.5
Q005929		1.14	1.57	0.05	0.2	10.9	0.009	0.24	8.6	1.8	0.10	345	16.35	<0.01	1.1	28.9
Q005930		1.14	1.62	0.05	0.3	13.4	0.007	0.25	8.2	2.0	0.10	273	17.15	<0.01	1.1	31.0
Q005931		5.22	11.60	0.17	2.4	3.01	0.035	1.40	27.4	12.9	0.54	455	23.8	0.03	14.0	83.2
Q005932		3.18	1.15	0.05	0.2	0.64	0.005	0.11	4.5	2.4	0.13	499	5.12	<0.01	0.9	67.9
Q005933		0.93	14.60	0.17	3.1	0.8	0.039	1.66	35.3	16.2	0.30	15	6.73	0.03	21.4	13.4
Q005934		0.67	13.25	0.17	3.0	0.89	0.029	1.54	33.2	14.5	0.28	13	5.91	0.03	19.5	12.1
Q005935		0.66	13.60	0.20	3.4	2.97	0.018	1.44	38.8	14.9	0.27	30	7.25	0.03	21.6	15.7
Q005936		11.75	10.20	0.17	1.8	1.0	0.051	1.14	22.7	14.1	1.32	933	14.00	0.02	10.4	158.0
Q005937		2.92	3.33	0.06	1.1	0.57	0.010	0.37	10.0	8.9	0.07	1010	1.03	0.36	1.8	10.0
Q005938		0.90	18.35	0.19	3.5	1.0	0.050	2.61	41.3	13.8	0.46	29	2.54	0.04	21.4	13.5
Q005939		0.82	17.75	0.19	3.4	1.19	0.042	2.56	39.9	12.8	0.48	34	2.46	0.03	21.2	14.2
Q005940		0.45	0.57	0.08	0.1	0.3	<0.005	0.07	1.7	1.2	3.30	231	2.55	0.01	0.4	25.8
Q005941		23.1	7.44	0.17	1.3	1.41	0.030	0.92	18.0	16.8	0.97	1060	32.1	0.05	5.2	193.0
Q005942		0.18	0.63	0.06	0.1	0.54	<0.005	0.10	1.5	1.4	4.62	197	0.43	0.01	0.4	3.5
Q005943		0.36	0.40	0.05	0.1	0.29	<0.005	0.05	0.9	1.0	6.50	99	0.77	0.01	0.3	6.3
Q005944		11.90	3.64	0.14	0.6	2.50	0.021	0.51	10.6	3.6	0.32	749	29.4	0.01	2.5	194.0
Q005945		1.47	15.55	0.16	3.2	0.55	0.035	1.99	37.7	18.2	0.39	21	8.23	0.04	21.1	16.1
Q005946		1.32	15.60	0.16	3.1	0.61	0.037	1.98	36.7	17.4	0.37	20	6.03	0.04	20.8	15.7
Q005947		1.64	15.70	0.15	3.1	0.39	0.044	2.10	35.6	17.9	0.38	17	6.06	0.04	20.0	14.7
Q005948		1.48	16.10	0.16	3.1	0.38	0.047	2.10	35.5	17.7	0.69	34	5.63	0.04	19.6	15.8
Q005949		12.00	9.08	0.14	1.8	1.6	0.053	0.85	20.3	12.1	2.14	862	13.95	0.01	9.3	152.0
Q005950		3.18	15.30	0.15	2.8	0.47	0.050	1.93	33.8	17.1	0.58	134	7.90	0.04	19.1	35.6
Q005951		6.08	4.71	0.09	1.1	0.3	0.018	0.55	14.1	7.3	5.92	1460	4.69	0.03	7.1	49.6
Q005952		6.39	3.27	0.08	0.7	0.19	0.015	0.38	7.5	5.0	6.94	1210	4.60	0.03	3.8	41.5

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q005920		2410	>10000	13.4	0.003	0.40	126.5	2.7	95	0.8	78.5	0.11	<0.05	1.8	0.053	9.77
Q005921		1840	3430	6.7	0.002	0.39	83.1	1.5	21	0.4	20.5	<0.05	<0.05	0.8	0.021	8.00
Q005922		120	64.0	3.1	<0.002	<0.01	0.64	0.8	<1	<0.2	12.1	<0.05	<0.05	0.2	0.005	0.12
Q005923		150	33.7	2.1	<0.002	0.01	0.54	0.4	1	0.2	164.0	<0.05	<0.05	0.2	0.007	0.15
Q005924		390	167.5	11.0	<0.002	0.01	3.48	2.3	1	0.3	72.3	0.09	<0.05	1.1	0.042	1.27
Q005925		220	64.3	2.0	0.003	<0.01	2.00	3.0	1	<0.2	96.3	<0.05	<0.05	0.2	0.008	0.32
Q005926		>10000	532	62.3	0.031	0.06	20.5	8.8	4	1.4	304	0.63	0.09	6.8	0.243	16.55
Q005927		>10000	425	62.4	0.034	0.07	21.3	12.9	5	1.4	294	0.57	0.12	7.5	0.232	24.5
Q005928		8740	428	49.6	0.025	0.06	19.70	10.1	4	1.2	242	0.46	0.08	5.6	0.186	15.90
Q005929		3320	142.5	8.2	0.005	0.02	6.06	3.7	2	0.2	106.0	0.06	<0.05	0.9	0.031	1.40
Q005930		3300	149.5	8.7	0.005	0.02	5.07	4.1	2	0.2	115.0	0.07	<0.05	0.9	0.032	1.44
Q005931		1550	24.8	68.3	0.003	0.19	16.55	9.0	11	1.4	221	0.81	0.17	6.0	0.243	2.88
Q005932		1590	4.8	5.8	0.003	0.03	3.39	18.9	2	0.2	245	0.05	<0.05	0.5	0.020	0.40
Q005933		410	16.9	78.2	0.004	0.21	5.87	8.8	3	1.8	165.0	1.22	0.20	7.5	0.343	2.32
Q005934		340	15.1	71.1	0.004	0.12	5.23	8.1	4	1.6	137.5	1.12	0.18	6.8	0.328	1.97
Q005935		770	15.7	72.3	0.002	0.06	5.33	8.2	4	1.6	182.5	1.23	0.14	8.4	0.362	2.49
Q005936		1680	17.4	54.9	0.004	0.21	17.80	16.4	7	1.1	359	0.65	0.11	5.2	0.202	3.61
Q005937		180	16.1	15.6	<0.002	0.01	0.37	2.0	1	0.3	27.8	0.15	<0.05	3.4	0.065	0.25
Q005938		840	20.2	118.0	0.002	0.09	1.72	9.5	1	2.3	177.5	1.26	0.14	12.0	0.430	3.25
Q005939		1060	22.2	115.0	0.002	0.07	1.75	9.4	2	2.2	190.5	1.24	0.12	12.1	0.426	2.93
Q005940		100	47.1	2.8	<0.002	0.02	2.29	1.0	1	<0.2	88.1	<0.05	<0.05	0.4	0.010	0.45
Q005941		1370	84.7	43.3	0.002	0.03	10.50	6.7	5	0.9	71.5	0.35	0.06	4.0	0.163	3.95
Q005942		250	4.8	3.6	0.003	0.02	0.35	0.6	1	<0.2	85.1	<0.05	<0.05	0.3	0.013	0.20
Q005943		110	6.5	2.2	<0.002	<0.01	0.39	0.4	1	<0.2	124.0	<0.05	<0.05	0.2	0.008	0.16
Q005944		7540	98.4	21.1	0.003	0.02	8.73	9.6	17	0.5	170.0	0.15	<0.05	1.9	0.068	1.16
Q005945		850	20.0	87.6	0.002	0.29	4.54	8.7	6	2.0	218	1.23	0.12	8.5	0.382	2.88
Q005946		750	16.4	90.6	0.004	0.26	4.18	8.6	3	1.7	201	1.20	0.12	8.3	0.382	2.57
Q005947		680	16.2	92.6	0.004	0.38	3.34	8.6	4	1.8	281	1.15	0.16	7.8	0.374	2.08
Q005948		600	15.9	92.5	0.004	0.30	3.38	8.6	3	1.7	215	1.13	0.10	7.5	0.372	1.94
Q005949		1850	14.8	43.7	0.004	0.19	20.0	17.1	7	0.9	503	0.58	0.13	4.4	0.165	4.02
Q005950		860	16.7	87.7	0.004	0.33	6.19	9.8	5	1.8	287	1.07	0.13	7.6	0.340	2.46
Q005951		1110	6.4	24.5	0.006	0.38	4.83	5.7	3	0.5	875	0.44	0.07	3.1	0.124	0.61
Q005952		720	4.7	16.0	0.006	0.25	4.87	3.9	3	0.4	1010	0.26	<0.05	1.6	0.067	0.45

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	Hg-CV42
Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	Hg
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.1
Q005920	21.0	32	3.8	8.2	>10000	17.2	225	1.680	17.40	1045
Q005921	9.6	22	2.5	5.2	>10000	6.8	176		26.6	1400
Q005922	2.2	7	0.1	1.5	759	1.7				
Q005923	1.6	7	0.2	2.4	559	1.9				
Q005924	4.7	24	0.7	6.5	335	11.2				
Q005925	7.2	13	0.5	5.2	152	2.7				
Q005926	116.0	289	7.0	44.0	1600	74.9				
Q005927	189.0	405	6.7	52.1	1740	72.4				
Q005928	124.5	290	5.1	40.2	1310	60.1				
Q005929	43.9	58	1.2	19.8	427	8.4				
Q005930	41.6	62	1.3	18.8	371	9.0				
Q005931	15.1	636	1.6	31.5	187	109.5				
Q005932	6.7	65	0.2	30.6	531	12.0				
Q005933	5.1	566	2.0	25.3	39	128.5				
Q005934	4.5	534	1.8	22.1	26	116.5				
Q005935	5.7	540	2.2	29.9	30	137.0				
Q005936	16.7	554	1.2	43.7	607	92.5				
Q005937	1.7	25	0.3	7.8	63	38.7				
Q005938	4.6	344	3.1	21.0	40	129.0				
Q005939	5.3	337	3.2	22.5	41	135.0				
Q005940	2.0	12	0.3	4.2	371	4.2				
Q005941	12.9	131	1.8	19.6	2050	65.3				
Q005942	1.6	7	0.3	1.7	90	3.8				
Q005943	3.0	10	0.1	1.0	54	2.8				
Q005944	52.3	160	1.7	39.7	1840	22.8				
Q005945	3.9	488	1.9	19.1	27	122.0				
Q005946	3.9	489	1.9	18.7	23	118.0				
Q005947	3.5	525	1.9	17.0	19	119.0				
Q005948	3.5	529	1.7	17.0	33	120.0				
Q005949	16.3	552	1.1	43.7	514	94.5				
Q005950	4.9	531	1.7	20.4	101	114.0				
Q005951	2.9	213	0.6	22.4	285	54.9				
Q005952	2.1	216	0.5	14.0	319	39.1				

Comments: ***Corrected copy with sample ID prefix N38 corrected to M38 for samples #5-11***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124471

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method:	ME-MS61			

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.

Applies to Method:	Hg-CV41	Hg-CV42		

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

Applies to Method:	ME-MS61			

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Ag-OG62	Au-AA26	Hg-CV41	Hg-CV42
	ME-MS61	ME-OG62	Pb-OG62	Zn-OG62

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

CERTIFICATE WH13124666

Project: Nadaleen

P.O. No.: R13-14

This report is for 18 Rock samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124666

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005953		0.11	0.02	1.35	4.93	117.0	2990	1.01	0.28	0.26	0.03	71.1	0.8	89	5.26	4.2
Q005954		0.15	0.02	1.04	5.52	90.3	2890	0.98	0.29	0.25	0.05	76.7	0.7	95	5.43	3.9
Q005955		0.25	0.05	0.99	5.64	56.2	2940	1.06	0.30	0.24	0.05	82.8	0.7	89	5.71	3.7
Q005956		0.17	0.12	1.63	7.56	3870	1930	4.53	0.18	8.17	10.20	62.1	22.9	95	6.20	456
Q005957		0.22	0.10	2.07	1.55	739	840	0.73	0.05	28.5	7.97	21.8	12.5	27	2.13	30.6
Q005958		0.06	0.03	0.25	0.38	192	150	0.36	0.01	34.5	2.37	5.31	4.5	7	0.54	11.4
Q005959		0.28	0.03	0.46	0.45	236	160	0.37	0.02	33.1	3.25	6.79	5.3	7	0.88	11.3
Q005960		0.30	0.04	0.64	0.70	490	440	0.51	0.02	32.6	8.74	11.50	10.8	14	0.85	20.4
Q005961		0.17	0.06	1.63	7.37	4410	1380	4.99	0.18	4.42	15.95	46.6	30.5	88	7.44	768
Q005962		0.23	0.07	1.16	0.42	255	360	0.35	0.02	34.9	7.02	8.10	4.5	10	0.44	10.5
Q005963		0.09	0.04	0.95	8.07	2990	1000	5.52	0.20	2.36	11.25	28.5	29.8	87	9.21	610
Q005964		0.51	0.06	0.96	10.00	2480	1310	5.07	0.29	0.82	3.82	61.9	16.1	119	17.25	273
Q005965		0.47	0.06	1.10	9.86	2850	1270	5.27	0.24	0.99	5.38	36.7	19.3	111	13.80	366
Q005966		0.12	0.11	1.92	1.43	2160	1030	1.05	0.05	21.2	23.3	21.9	40.9	27	1.28	428
Q005967		0.23	0.01	0.30	0.77	808	110	0.55	0.02	27.6	18.00	5.16	20.7	7	0.70	57.2
Q005968		0.16	0.14	1.21	0.85	415	770	0.49	0.03	30.7	9.27	15.20	7.4	18	0.76	22.2
Q005969		0.26	0.02	0.49	0.50	306	300	0.32	0.02	34.1	7.57	7.95	5.5	11	0.53	10.1
Q005970		0.33	0.05	0.96	9.93	2440	1190	5.04	0.27	1.26	6.34	52.3	16.9	112	15.45	307

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124666

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005953		0.63	13.90	0.18	3.2	3.8	0.023	1.76	41.3	17.0	0.30	34	2.49	0.03	20.5	18.1
Q005954		0.53	14.75	0.18	3.3	4.90	0.026	1.93	43.6	18.8	0.31	23	2.32	0.03	22.7	16.2
Q005955		0.48	15.40	0.21	3.5	5.2	0.025	1.92	47.4	19.3	0.30	15	2.57	0.03	23.7	16.0
Q005956		8.69	11.75	0.20	1.9	4.82	0.102	1.55	36.0	30.0	0.29	226	33.7	0.04	9.4	273
Q005957		4.14	3.38	0.10	0.6	24.9	0.014	0.47	15.5	5.3	0.14	392	28.0	0.01	2.7	118.0
Q005958		1.18	0.79	<0.05	0.1	2.3	<0.005	0.11	3.4	1.8	0.10	516	9.33	<0.01	0.6	33.4
Q005959		1.49	1.08	<0.05	0.2	4.74	<0.005	0.14	4.3	2.5	0.10	505	8.78	0.01	0.7	37.3
Q005960		4.16	1.44	0.07	0.2	12.2	0.008	0.22	7.1	2.3	0.10	398	15.30	<0.01	1.1	84.2
Q005961		12.90	12.20	0.19	1.7	9.8	0.107	1.52	23.9	38.4	0.31	242	28.0	0.06	8.7	335
Q005962		1.45	0.98	<0.05	0.2	9.5	0.006	0.14	6.2	1.4	0.09	520	14.40	<0.01	0.6	39.0
Q005963		12.60	12.80	0.14	1.8	5.76	0.113	1.47	13.3	48.0	0.41	217	17.00	0.09	8.0	350
Q005964		6.80	20.0	0.17	2.6	1.88	0.111	2.29	31.3	92.4	0.61	102	10.90	0.13	13.5	435
Q005965		7.69	16.85	0.14	2.3	3.1	0.107	2.03	17.1	76.3	0.51	134	13.80	0.11	10.1	420
Q005966		12.20	2.94	0.13	0.5	29.1	0.020	0.40	15.7	4.6	0.12	862	24.5	0.01	2.3	186.5
Q005967		10.60	1.18	0.07	0.2	8.9	0.006	0.19	3.3	2.8	0.13	564	12.45	0.01	0.7	112.0
Q005968		2.14	2.05	0.06	0.4	15.3	0.012	0.30	11.3	2.6	0.10	394	15.75	<0.01	1.8	50.4
Q005969		1.47	1.16	0.05	0.2	10.9	0.005	0.18	5.6	1.7	0.09	320	10.50	<0.01	0.9	35.5
Q005970		6.66	18.50	0.15	2.4	2.46	0.109	2.10	25.2	84.1	0.53	123	11.55	0.12	11.3	437

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124666

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005953		1130	16.6	86.8	0.032	0.06	7.03	7.2	2	1.9	258	1.23	0.07	9.4	0.379	6.44
Q005954		1160	17.2	93.1	0.016	0.04	5.71	7.6	2	2.0	295	1.30	0.06	11.0	0.436	6.13
Q005955		1230	22.5	96.1	0.010	0.03	4.63	7.9	2	2.1	330	1.35	0.08	12.0	0.437	5.96
Q005956		9220	419	60.5	0.008	0.05	22.3	33.6	16	1.3	440	0.63	0.08	8.7	0.229	5.18
Q005957		4120	220	21.8	0.002	0.01	11.00	3.4	7	0.4	161.5	0.18	<0.05	2.1	0.069	2.41
Q005958		980	44.4	4.7	<0.002	0.01	2.45	2.1	1	<0.2	54.4	<0.05	<0.05	0.5	0.015	0.78
Q005959		890	48.0	6.7	<0.002	0.01	2.38	2.3	1	<0.2	49.3	0.05	<0.05	0.6	0.021	0.98
Q005960		2700	125.0	8.5	0.002	0.01	4.14	2.5	8	0.2	92.1	0.07	<0.05	0.9	0.032	0.97
Q005961		5720	337	57.6	0.003	0.04	18.30	31.5	24	1.3	286	0.59	0.08	6.8	0.217	7.22
Q005962		2520	135.5	5.4	0.002	0.01	5.57	2.8	2	<0.2	113.0	<0.05	<0.05	0.6	0.018	0.51
Q005963		3740	250	47.9	<0.002	0.03	15.85	30.1	8	1.4	143.0	0.57	0.06	5.8	0.234	9.12
Q005964		3370	243	105.0	0.002	0.02	20.9	27.2	4	2.1	167.0	0.88	0.09	11.7	0.353	11.75
Q005965		3660	243	70.4	0.003	0.03	18.50	27.5	6	1.8	153.5	0.74	0.09	7.7	0.303	10.70
Q005966		4790	171.0	16.1	0.003	0.02	8.80	5.8	16	0.4	193.5	0.14	<0.05	2.0	0.057	2.48
Q005967		2110	88.4	7.5	0.002	0.01	3.39	1.8	8	0.2	78.3	0.05	<0.05	0.7	0.023	1.75
Q005968		2720	160.5	11.5	0.002	0.02	4.71	2.5	7	0.3	139.0	0.11	<0.05	1.2	0.045	0.73
Q005969		2190	89.8	6.8	0.003	0.01	2.60	2.2	3	0.2	78.1	0.06	<0.05	0.7	0.025	0.94
Q005970		3440	232	88.6	<0.002	0.02	19.45	27.7	6	2.0	178.5	0.81	0.09	9.0	0.326	10.95

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124666

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q005953		5.9	425	4.0	23.9	8	128.5
Q005954		5.9	447	5.6	25.9	9	133.5
Q005955		6.3	439	6.4	28.0	9	145.0
Q005956		73.0	411	5.0	76.6	2280	67.2
Q005957		44.0	79	2.1	23.4	1120	21.7
Q005958		13.2	28	0.5	13.0	273	4.9
Q005959		13.3	28	0.5	13.5	327	6.1
Q005960		29.5	43	0.9	16.2	697	8.6
Q005961		50.4	400	3.7	72.2	3320	62.9
Q005962		30.1	31	1.0	16.3	332	5.5
Q005963		41.9	312	2.6	60.8	4260	64.5
Q005964		45.8	345	4.6	47.0	1740	95.6
Q005965		43.6	363	3.7	42.9	2130	82.1
Q005966		48.6	183	2.1	42.6	2630	17.3
Q005967		21.4	35	1.1	18.1	1690	7.0
Q005968		29.8	58	1.4	16.0	614	12.8
Q005969		28.1	35	0.7	13.9	351	7.3
Q005970		44.0	342	4.2	48.9	1940	87.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124666

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

CERTIFICATE WH13126595

Project: Nadaleen
P.O. No.: R13-15
This report is for 124 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q007299		0.17	<0.01	0.85	1.56	40.6	4420	0.69	0.07	2.87	9.74	12.70	7.9	51	1.33	36.7
Q007300		0.31	<0.01	0.49	0.97	23.5	5760	0.66	0.06	1.90	4.90	8.76	4.5	42	1.58	54.1
Q007301		0.28	<0.01	0.31	0.18	<5	1740	0.11	0.02	32.7	179.0	2.45	22.8	8	0.06	6.4
Q007302		0.37	<0.01	2.90	1.16	20.7	1220	0.33	0.07	0.29	2.30	4.98	0.8	29	0.62	46.1
Q007303		0.04	<0.01	4.14	1.76	91.7	1720	1.69	0.10	0.63	4.91	9.90	6.3	87	1.08	154.0
Q007304		0.10	<0.01	2.78	0.98	30.3	680	0.62	0.05	0.06	1.12	5.29	1.2	67	1.58	28.8
Q007305		0.19	<0.01	4.06	2.21	80.3	1070	2.10	0.12	0.67	4.64	14.15	7.9	97	2.58	250
Q007306		0.10	<0.01	1.68	2.52	49.8	2250	3.59	0.05	0.24	14.30	12.65	89.1	55	1.09	704
Q007307		0.10	<0.01	3.27	6.50	136.5	3910	6.73	0.14	0.47	6.92	28.9	2.5	377	2.70	169.5
Q007308		0.06	<0.01	0.64	2.63	80.5	880	5.09	0.05	0.04	15.45	4.52	130.5	164	0.55	1290
Q007309		0.21	<0.01	0.36	1.57	52.7	850	0.73	0.07	0.02	1.60	12.30	5.9	40	2.88	44.6
Q007310		0.22	<0.01	0.19	0.75	10.8	1960	1.04	0.04	9.62	67.2	10.35	38.2	20	1.07	10.2
Q007311		0.18	<0.01	0.37	2.26	30.1	1090	2.62	0.05	0.07	3.56	19.60	20.2	40	0.93	233
Q007312		0.08	<0.01	0.29	1.82	29.4	1650	1.62	0.06	5.80	>1000	14.60	109.5	22	0.68	34.1
Q007313		0.08	<0.01	0.36	1.51	37.5	980	1.46	0.04	0.06	3.18	10.95	6.9	42	1.11	90.5
Q007314		0.18	<0.01	0.17	0.96	10	2030	1.26	0.04	10.50	533	11.05	71.9	12	0.83	13.2
Q007315		0.11	<0.01	2.47	0.95	9.0	450	0.36	0.06	0.17	8.13	6.61	1.2	49	0.99	29.3
Q007316		0.15	<0.01	1.00	0.95	3.3	340	0.32	0.05	0.07	4.20	8.04	1.0	65	0.90	11.9
Q007317		0.07	<0.01	0.27	1.71	63.4	780	2.88	0.05	0.03	13.15	4.69	140.0	44	0.58	928
Q007318		0.11	<0.01	1.05	1.09	29.1	760	0.77	0.05	0.04	2.87	6.04	10.6	68	1.28	106.0
Q007319		0.32	<0.01	0.11	0.37	6.2	2380	0.11	0.04	0.02	0.30	7.07	0.8	9	0.39	4.5
Q007320		0.04	<0.01	0.38	1.38	4.7	4410	0.54	0.06	0.02	0.62	7.74	0.6	43	1.77	17.7
Q007321		0.12	<0.01	0.49	1.21	1.3	6970	0.44	0.06	0.01	0.71	7.04	0.5	43	1.88	7.4
Q007322		0.12	<0.01	0.06	1.43	5.0	1400	0.55	0.08	0.04	0.84	11.65	0.4	46	1.47	14.6
Q007323		0.21	<0.01	0.08	0.07	<5	4290	0.05	0.02	12.85	4.95	0.56	2.1	4	0.05	1.8
Q007324		0.22	<0.01	0.27	0.85	10	3080	0.32	0.03	22.3	124.0	6.84	18.7	37	0.48	7.6
Q007325		0.11	<0.01	2.34	0.15	82.9	1470	0.11	0.04	0.39	7.19	2.15	21.0	82	0.14	53.4
Q007326		0.15	<0.01	7.56	0.06	127.5	1790	<0.05	0.02	0.48	6.6	0.46	7.8	68	0.07	12.0
Q007327		0.22	<0.01	0.22	0.05	3.5	390	<0.05	0.01	5.18	0.60	0.45	0.9	30	0.05	4.7
Q007328		0.56	<0.01	1.20	0.07	37.7	230	0.05	0.03	0.07	2.52	0.46	7.5	240	0.11	29.4
Q007329		0.22	<0.01	1.52	0.04	33.1	220	0.07	0.01	0.11	1.09	0.39	3.0	76	0.06	33.0
Q007330		0.16	<0.01	1.67	0.06	43.2	170	0.05	0.02	0.19	2.28	0.74	10.5	83	0.08	18.8
Q007331		0.41	<0.01	0.56	0.05	47.0	160	<0.05	0.01	0.06	3.07	0.52	8.3	50	0.06	38.5
Q007332		0.37	<0.01	0.86	0.11	33.6	190	0.06	0.02	0.05	3.46	1.37	12.7	89	0.13	45.6
Q007333		0.07	<0.01	3.59	0.50	1015	740	0.35	0.16	0.21	24.3	7.79	575	30	0.69	164.0
Q007334		0.11	<0.01	1.08	2.53	23.6	6010	0.41	0.08	0.10	1.79	21.6	3.2	43	3.05	19.6
Q007335		0.16	<0.01	0.22	0.29	4.2	470	0.06	0.02	8.37	1.65	2.65	2.2	21	0.42	3.0
Q007336		0.18	<0.01	1.66	3.69	30.8	2310	1.74	0.18	1.16	5.45	31.1	2.1	139	5.67	126.0
Q007337		0.07	<0.01	1.25	3.61	51.9	>10000	1.97	0.11	0.33	49.4	37.2	121.5	54	2.34	126.5
Q007338		0.16	<0.01	0.15	0.05	<5	310	0.07	0.01	38.5	167.0	1.76	4.3	3	<0.05	2.8

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q007299		2.73	3.32	0.14	0.1	0.10	0.024	0.35	14.0	7.8	0.07	123	14.35	0.01	2.0	145.0
Q007300		3.02	1.99	0.12	0.1	0.07	0.016	0.23	6.2	4.8	0.06	62	9.34	0.01	1.4	77.8
Q007301		2.87	0.33	0.08	0.1	0.2	0.005	0.01	4.1	0.6	0.10	247	27.8	0.01	0.2	376
Q007302		1.45	2.15	0.13	0.4	0.13	0.021	0.16	3.3	6.6	0.04	55	15.30	0.01	0.9	19.2
Q007303		7.00	4.54	0.38	0.7	0.07	0.047	0.25	7.0	9.5	0.08	104	77.6	0.01	1.4	113.0
Q007304		1.99	2.32	0.15	0.4	0.07	0.015	0.27	3.5	3.7	0.08	100	23.9	0.01	1.1	36.3
Q007305		11.45	5.58	0.61	0.9	0.08	0.035	0.64	9.8	5.5	0.17	46	107.5	0.01	2.4	139.0
Q007306		20.7	2.88	0.49	0.5	0.2	0.038	0.20	8.3	4.3	0.05	841	75.7	0.01	1.2	904
Q007307		5.32	19.45	0.24	1.2	0.33	0.442	0.44	18.5	8.7	0.10	32	46.8	0.01	2.5	342
Q007308		26.4	4.20	0.30	0.3	0.2	0.140	0.10	3.3	5.0	0.07	1780	53.0	0.01	0.8	1230
Q007309		5.67	3.10	0.24	0.7	0.03	0.022	0.45	8.3	4.4	0.10	62	102.0	0.02	1.7	88.6
Q007310		2.72	1.54	0.12	0.5	0.04	<0.005	0.17	6.0	17.5	5.37	843	14.65	0.02	1.1	402
Q007311		7.43	1.67	0.36	0.6	0.02	0.009	0.16	10.8	4.8	0.05	104	40.1	0.01	0.9	346
Q007312		9.15	1.61	0.23	0.8	0.08	0.007	0.10	8.2	6.1	3.38	1860	34.7	0.02	1.1	1280
Q007313		3.24	1.77	0.18	0.4	0.03	0.009	0.20	8.5	5.9	0.05	110	37.0	0.02	1.0	150.5
Q007314		4.51	1.53	0.14	0.6	0.04	<0.005	0.13	6.8	10.6	6.26	1560	26.4	0.02	1.0	664
Q007315		1.19	3.16	0.09	0.4	0.16	0.009	0.29	3.9	5.2	0.13	106	11.75	0.01	1.1	27.3
Q007316		1.01	2.70	0.08	0.4	0.24	0.006	0.29	5.1	2.6	0.10	105	7.06	0.01	1.1	15.6
Q007317		35.3	2.49	0.30	0.5	0.2	0.026	0.12	3.8	2.8	0.04	1620	62.3	0.01	0.8	1280
Q007318		7.04	2.50	0.19	0.4	0.11	0.012	0.27	4.2	5.0	0.07	164	67.9	0.01	1.6	141.0
Q007319		0.42	0.94	0.07	0.2	0.01	0.005	0.10	2.4	0.9	0.02	7	4.57	0.01	0.7	5.6
Q007320		1.41	3.72	0.08	0.5	0.44	0.007	0.42	4.4	11.6	0.10	148	5.59	<0.01	1.5	8.9
Q007321		0.60	2.31	0.08	0.4	0.05	0.005	0.38	4.2	7.1	0.11	57	3.62	<0.01	1.5	7.0
Q007322		0.91	3.22	0.08	0.6	0.10	0.011	0.39	6.8	17.6	0.08	89	4.92	0.01	1.8	11.4
Q007323		0.39	0.17	0.07	<0.1	0.01	<0.005	0.01	1.1	0.3	0.49	60	20.4	<0.01	0.2	18.5
Q007324		4.18	0.99	0.10	0.2	0.03	<0.005	0.12	7.1	1.0	0.15	273	51.1	0.01	0.7	303
Q007325		4.82	0.98	0.08	0.1	0.07	0.013	0.03	2.3	0.9	0.02	159	31.2	0.01	0.2	178.0
Q007326		2.21	1.82	0.12	<0.1	0.30	<0.005	0.01	0.5	0.8	0.01	87	470	0.01	0.2	295
Q007327		0.29	0.30	0.07	<0.1	0.01	<0.005	0.01	0.7	0.7	2.15	51	3.04	<0.01	0.1	6.6
Q007328		1.69	0.88	0.07	<0.1	0.03	<0.005	0.02	<0.5	0.8	0.02	66	10.10	<0.01	0.3	58.6
Q007329		2.25	0.48	0.07	<0.1	0.03	<0.005	0.01	<0.5	0.4	0.02	58	8.48	<0.01	0.1	18.7
Q007330		2.46	0.63	0.07	<0.1	0.04	<0.005	0.01	1.1	0.5	0.03	91	21.6	<0.01	0.1	57.5
Q007331		1.90	0.56	0.06	<0.1	0.02	<0.005	0.01	0.5	0.5	0.01	70	4.81	<0.01	0.1	54.8
Q007332		2.02	1.07	0.07	0.1	0.06	<0.005	0.03	1.4	0.9	0.01	64	4.89	<0.01	0.3	76.9
Q007333		>50	2.63	0.78	0.2	0.7	0.078	0.11	14.5	4.6	0.08	1740	4380	0.01	0.6	7200
Q007334		2.93	3.90	0.14	0.7	0.49	0.029	0.68	23.9	7.5	0.13	141	34.4	0.06	2.4	30.8
Q007335		0.42	0.83	0.08	0.1	0.02	0.006	0.08	2.9	9.0	0.18	151	7.83	0.01	0.2	19.1
Q007336		2.41	9.20	0.16	1.6	0.22	0.046	1.10	23.1	14.4	0.27	38	60.6	0.03	5.1	84.2
Q007337		13.60	6.10	0.17	0.9	0.16	0.017	0.64	45.2	9.1	0.15	1590	68.5	0.02	2.4	1290
Q007338		0.54	0.15	0.07	<0.1	<0.1	<0.005	0.01	5.0	0.7	0.13	341	2.70	<0.01	0.1	52.1

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q007299		>10000	7.9	21.4	0.004	0.12	6.07	4.7	7	0.4	484	0.08	0.08	0.7	0.059	0.36
Q007300		>10000	4.2	14.3	0.029	0.23	5.72	5.2	9	0.3	208	0.05	0.07	1.6	0.043	0.35
Q007301		810	1.5	0.8	<0.002	0.01	1.19	0.8	2	<0.2	224	<0.05	<0.05	0.2	0.005	0.08
Q007302		1990	5.7	9.5	0.018	0.08	40.4	1.6	23	0.5	41.0	0.06	<0.05	1.1	0.031	0.20
Q007303		7320	5.3	16.5	0.049	0.17	50.3	5.8	131	0.7	122.5	0.09	0.12	1.6	0.047	0.32
Q007304		3870	2.5	19.3	0.025	0.18	24.5	4.3	39	0.5	19.8	0.08	<0.05	0.9	0.036	0.38
Q007305		>10000	10.2	42.7	0.072	0.29	68.8	9.9	227	0.6	87.4	0.17	0.12	2.8	0.091	1.09
Q007306		8510	3.1	12.6	0.024	0.22	24.1	8.3	172	0.3	310	0.08	0.09	1.4	0.034	0.21
Q007307		>10000	6.4	29.1	0.149	0.29	46.4	45.3	36	1.1	855	0.17	0.27	6.9	0.074	0.47
Q007308		>10000	1.9	5.7	0.062	0.23	15.85	11.3	80	0.5	41.6	<0.05	0.30	2.6	0.018	0.13
Q007309		1030	5.2	30.0	0.063	0.25	17.45	9.7	69	0.5	26.9	0.12	0.18	3.1	0.056	1.59
Q007310		380	2.8	10.8	0.027	0.18	5.92	3.4	12	0.3	651	0.06	<0.05	0.8	0.036	0.77
Q007311		3290	3.7	10.8	0.048	0.27	11.80	10.2	123	0.3	74.9	0.06	0.06	1.3	0.030	0.28
Q007312		2070	4.6	6.7	0.026	0.17	9.97	8.5	57	0.3	385	0.07	0.05	1.4	0.034	0.85
Q007313		2400	4.6	11.5	0.060	0.14	9.41	5.5	40	0.4	79.5	0.07	0.06	0.8	0.034	0.31
Q007314		760	2.7	8.6	0.029	0.16	7.43	3.3	24	0.2	716	0.07	<0.05	0.8	0.036	0.63
Q007315		1040	7.5	18.5	0.052	0.21	11.05	1.7	11	0.5	33.4	0.07	0.06	1.5	0.037	0.91
Q007316		310	3.3	18.6	0.043	0.08	3.27	1.9	3	0.4	21.8	0.06	<0.05	1.0	0.037	0.37
Q007317		9270	2.5	7.4	0.023	0.17	14.90	10.9	86	0.2	22.2	0.05	0.10	0.9	0.025	0.10
Q007318		2060	3.1	16.5	0.026	0.14	19.30	4.5	60	0.5	31.7	0.10	0.05	1.4	0.045	0.24
Q007319		370	3.8	7.1	<0.002	0.09	0.74	0.7	1	<0.2	1140	<0.05	0.22	0.4	0.016	0.06
Q007320		370	4.2	26.2	0.005	0.18	2.16	2.3	2	0.5	93.0	0.10	<0.05	1.2	0.057	0.78
Q007321		120	5.6	28.4	0.009	0.23	3.01	4.1	2	0.3	71.7	0.10	<0.05	1.5	0.054	0.65
Q007322		770	4.8	25.0	0.019	0.09	2.43	2.1	3	0.5	169.5	0.13	<0.05	1.6	0.066	0.45
Q007323		490	0.6	0.8	0.003	0.07	0.51	0.2	1	<0.2	477	<0.05	<0.05	<0.2	0.005	0.05
Q007324		4390	1.9	6.9	0.011	0.09	2.72	2.2	7	<0.2	1220	<0.05	<0.05	0.7	0.019	0.26
Q007325		370	14.0	2.0	<0.002	0.07	20.5	0.6	7	0.3	13.7	<0.05	0.13	0.2	0.007	0.22
Q007326		140	10.6	0.9	0.375	0.07	30.4	0.1	21	0.6	22.1	<0.05	0.26	<0.2	<0.005	0.89
Q007327		40	1.2	0.7	0.007	0.02	1.45	0.2	1	<0.2	58.3	<0.05	<0.05	<0.2	<0.005	0.06
Q007328		100	8.3	1.6	0.008	0.06	9.41	0.1	6	<0.2	2.7	<0.05	0.25	<0.2	<0.005	0.25
Q007329		190	4.0	0.6	0.003	0.18	7.75	0.2	3	<0.2	3.9	<0.05	0.05	<0.2	<0.005	0.31
Q007330		250	10.3	0.9	0.004	0.05	9.20	0.1	5	0.2	4.3	<0.05	0.07	<0.2	<0.005	0.16
Q007331		100	5.8	0.8	0.010	0.02	4.42	0.1	3	<0.2	1.7	<0.05	0.06	<0.2	<0.005	0.11
Q007332		190	5.9	2.0	0.007	0.03	4.34	0.2	3	<0.2	3.2	<0.05	0.11	0.2	0.006	0.21
Q007333		660	34.3	6.4	0.011	0.10	88.7	3.5	55	0.5	13.8	<0.05	0.50	0.9	0.018	5.57
Q007334		2190	17.8	35.4	0.007	0.03	2.75	2.9	4	0.5	136.5	0.14	0.50	2.1	0.064	3.82
Q007335		350	1.1	4.5	0.013	0.01	0.35	1.2	2	0.2	63.5	<0.05	0.08	0.3	0.006	0.84
Q007336		6880	10.5	65.4	0.035	0.43	7.41	7.9	12	1.1	306	0.36	0.20	4.7	0.175	2.96
Q007337		1830	15.1	34.9	0.002	0.24	8.72	6.8	8	0.5	80.8	0.14	0.31	3.5	0.067	2.30
Q007338		70	0.6	0.5	<0.002	<0.01	0.20	0.5	1	<0.2	151.5	<0.05	<0.05	<0.2	<0.005	0.05

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	Ba-XRF10 Ba % 0.01
Q007299		9.0	126	0.3	47.8	1570	6.0		
Q007300		11.0	174	0.3	38.9	744	4.1		
Q007301		6.6	22	0.2	34.9	1740	4.1		
Q007302		3.1	500	0.2	3.8	219	13.2		
Q007303		20.0	1600	0.4	20.4	2350	26.1		
Q007304		9.8	847	0.2	14.2	139	22.0		
Q007305		21.0	2350	0.5	25.1	4360	52.9		
Q007306		17.3	1080	0.2	50.3	>10000	34.7	1.255	
Q007307		66.0	1780	0.4	157.5	705	61.7		
Q007308		26.4	1220	0.2	42.4	>10000	27.1	1.385	
Q007309		15.0	2040	0.3	31.2	1350	31.2		
Q007310		10.0	777	0.2	48.4	8040	49.5		
Q007311		49.9	691	0.2	47.6	3380	45.4		
Q007312		29.0	646	0.3	269	>10000	108.0	2.65	
Q007313		23.7	810	0.2	19.5	956	22.4		
Q007314		11.6	683	0.2	92.5	>10000	72.6	1.495	
Q007315		2.6	907	0.3	3.3	180	16.7		
Q007316		4.1	600	0.2	6.7	136	16.9		
Q007317		16.8	828	0.2	55.2	>10000	37.0	1.695	
Q007318		4.3	705	0.3	10.6	2760	19.4		
Q007319		0.7	29	0.2	2.3	88	7.0		
Q007320		3.1	353	0.3	12.7	45	19.0		
Q007321		2.3	562	0.3	6.4	34	14.2		
Q007322		7.5	630	0.3	9.5	17	21.4		
Q007323		4.9	21	0.2	3.6	326	2.3		
Q007324		18.3	73	0.2	40.8	4930	9.4		
Q007325		6.0	292	0.3	8.0	1330	3.6		
Q007326		1.1	110	2.9	1.2	664	0.9		
Q007327		1.0	34	<0.1	1.5	48	1.3		
Q007328		1.1	291	0.2	0.8	263	3.1		
Q007329		0.7	386	0.2	0.9	80	1.2		
Q007330		2.6	233	0.2	2.7	310	1.3		
Q007331		0.7	144	<0.1	1.2	256	1.2		
Q007332		1.2	193	0.1	1.4	401	2.4		
Q007333		16.4	242	3.9	51.0	5730	11.1		
Q007334		2.8	121	0.3	4.8	133	20.5		
Q007335		0.7	18	0.1	4.9	72	2.7		
Q007336		16.2	571	0.9	30.9	251	71.7		
Q007337		10.7	204	0.4	128.5	>10000	31.6	0.968	1.06
Q007338		1.5	13	<0.1	33.9	484	1.7		

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007339		0.24	<0.01	0.94	4.22	26.2	3500	1.50	0.18	5.09	18.35	47.3	48.5	61	4.60	47.4
Q007340		0.12	<0.01	0.08	1.24	2.3	1800	0.36	0.05	0.81	1.82	5.72	1.0	46	2.38	5.6
Q007341		0.15	<0.01	0.08	2.27	2.1	900	0.65	0.10	0.18	0.41	18.95	0.6	43	3.32	6.8
Q007342		0.12	<0.01	0.03	1.26	5.0	550	0.26	0.05	0.02	0.13	7.61	0.3	30	1.55	4.5
Q007343		0.54	<0.01	0.05	1.05	7.3	510	0.25	0.04	0.01	0.04	6.63	0.3	30	1.17	5.7
Q007344		0.24	<0.01	0.92	1.73	254	>10000	2.93	0.06	2.30	33.1	20.9	21.6	114	0.93	210
Q005971		0.63	0.10	1.26	1.57	1260	560	0.70	0.05	32.0	5.16	22.4	5.5	43	1.45	44.0
Q005972		0.17	<0.01	0.04	0.22	12	70	0.43	0.01	23.9	0.24	3.40	0.7	4	0.17	1.8
Q005973		0.16	<0.01	0.08	0.73	20	110	0.87	0.02	22.8	0.17	9.11	1.1	9	0.77	2.6
Q005974		0.21	0.03	0.53	3.03	165	410	1.41	0.11	16.85	1.59	33.9	6.5	38	3.69	9.5
Q005975		0.32	<0.01	0.78	0.25	99	60	0.18	0.02	25.7	0.23	2.99	0.7	3	0.20	1.4
Q005976		0.17	<0.01	0.17	0.55	72	150	0.25	0.03	25.4	0.42	6.50	1.2	8	0.72	3.1
Q005977		0.18	<0.01	0.07	0.27	10	50	0.39	0.01	21.8	0.93	3.34	0.5	3	0.19	1.4
Q005978		0.16	<0.01	0.33	1.07	177	140	0.75	0.02	21.4	0.29	13.70	2.4	10	1.17	3.3
Q005979		0.54	<0.01	0.22	0.71	146	120	0.71	0.02	22.5	0.53	8.25	1.7	8	0.75	2.6
Q005980		0.33	<0.01	0.43	1.06	112	150	0.60	0.05	20.2	0.79	13.55	2.8	13	1.22	5.0
Q005981		0.06	<0.01	0.13	0.32	26	40	0.41	0.01	21.1	0.24	4.29	0.8	5	0.31	2.0
Q005982		0.11	0.56	0.23	0.32	118	70	0.19	0.01	26.1	0.27	4.70	1.2	4	0.33	2.0
Q005983		0.13	0.20	0.16	0.77	102.0	160	0.34	0.03	9.14	0.18	17.05	2.1	11	1.09	4.3
Q005984		0.32	0.18	0.34	1.34	236	370	0.55	0.06	18.35	0.38	15.90	4.1	23	2.63	8.1
Q005985		0.12	0.34	0.25	0.24	77	220	0.16	0.02	24.6	0.09	2.41	2.2	4	0.22	1.6
Q005986		<0.02	0.02	0.58	0.63	194	210	0.36	0.02	21.9	0.27	7.49	2.1	8	0.57	2.9
Q005987		0.03	0.06	0.25	0.33	243	80	0.28	0.02	25.9	0.13	3.83	1.6	4	0.26	2.0
Q005988		0.17	0.13	0.87	1.09	318	450	0.50	0.03	23.7	0.20	13.60	5.2	10	0.93	4.8
Q005989		0.33	0.01	0.14	0.08	42	60	0.09	0.01	28.8	0.17	1.62	7.1	2	0.10	1.9
Q005990		0.05	<0.01	0.11	0.57	24	90	0.36	0.01	22.9	0.08	6.25	1.2	5	0.46	2.7
Q005991		0.07	0.02	0.11	0.20	137	70	0.19	0.01	24.6	0.10	2.55	1.0	3	0.19	1.5
Q005992		0.16	0.05	0.14	0.24	71	80	0.21	0.01	24.4	0.07	3.23	1.8	4	0.20	1.7
Q005993		0.06	0.02	0.13	0.49	109	120	0.25	0.01	23.1	0.36	5.36	2.1	7	0.62	3.0
Q005994		0.26	0.04	0.07	0.15	76	30	0.16	0.01	23.5	0.28	2.19	1.2	4	0.15	2.3
Q005995		0.07	0.08	0.14	0.23	115	80	0.24	0.01	24.3	0.09	2.76	1.8	5	0.20	1.8
Q005996		0.22	0.13	0.15	0.24	89	70	0.15	0.02	23.7	0.10	3.16	1.9	4	0.23	1.9
Q005997		0.07	0.01	0.14	0.21	55	40	0.21	0.02	25.1	0.06	2.51	0.9	3	0.17	3.0
Q005998		0.08	0.03	0.10	0.28	76	50	0.20	0.02	24.7	0.14	3.19	1.5	5	0.27	2.2
Q005999		0.30	0.07	0.14	0.22	127	70	0.19	0.02	22.8	0.10	2.80	1.5	4	0.19	1.8
Q006000		0.24	0.06	0.08	0.18	42	40	0.12	0.01	24.0	0.15	2.26	0.9	3	0.16	1.4
Q007251		0.26	0.02	0.06	0.27	465	30	0.17	0.01	23.6	0.08	3.22	2.0	4	0.28	2.1
Q007252		0.07	<0.01	0.10	0.27	51	30	0.18	0.01	23.5	0.17	3.03	2.0	3	0.26	2.0
Q007253		0.28	0.78	0.56	0.22	877	60	0.28	0.02	27.0	0.57	5.71	5.3	6	0.22	2.8
Q007254		0.18	0.86	0.64	0.43	459	140	0.38	0.03	25.8	0.84	4.22	6.8	8	0.61	3.0

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q007339		5.72	10.15	0.14	1.5	0.17	0.036	0.99	32.6	20.8	0.33	819	23.5	0.12	7.5	490
Q007340		0.76	2.86	0.08	0.5	0.01	<0.005	0.43	3.5	6.3	0.10	77	3.28	0.02	1.3	12.9
Q007341		0.67	5.52	0.10	1.0	0.08	<0.005	0.82	9.9	11.2	0.22	66	1.90	0.01	2.7	9.0
Q007342		0.84	2.64	0.10	0.5	0.01	0.008	0.36	4.4	8.4	0.07	64	4.45	0.01	1.2	3.5
Q007343		0.75	2.50	0.07	0.4	0.02	0.007	0.32	3.8	5.9	0.06	58	7.21	0.01	1.0	4.2
Q007344		23.0	3.03	0.19	0.4	0.1	0.110	0.13	42.7	3.6	0.05	129	109.5	0.01	0.8	589
Q005971		2.75	3.75	0.11	0.6	13.4	0.024	0.44	16.6	2.7	0.16	337	41.2	0.01	2.5	66.0
Q005972		0.17	0.57	0.10	0.1	0.33	<0.005	0.09	1.7	1.7	11.80	82	0.57	0.02	0.3	2.4
Q005973		0.36	1.97	0.12	0.4	0.29	<0.005	0.36	4.5	5.4	10.95	66	0.66	0.03	1.3	3.2
Q005974		1.77	7.02	0.14	1.2	0.73	0.024	0.70	17.8	16.8	5.91	530	1.78	0.19	5.3	24.2
Q005975		0.18	0.64	0.14	0.1	0.81	<0.005	0.10	1.2	1.9	9.87	197	0.36	0.02	0.3	1.7
Q005976		0.35	1.29	0.16	0.2	2.71	0.005	0.16	3.2	3.8	9.41	300	0.61	0.01	0.8	4.6
Q005977		0.10	0.72	0.18	0.1	0.66	<0.005	0.12	1.6	2.4	10.85	74	0.65	0.02	0.3	1.0
Q005978		0.51	3.05	0.15	0.4	1.16	0.009	0.51	6.0	7.8	10.25	138	0.84	0.02	1.6	12.6
Q005979		0.37	1.98	0.16	0.3	0.9	0.005	0.33	3.9	5.0	10.50	145	0.61	0.02	1.0	8.6
Q005980		0.68	2.65	0.16	0.5	0.89	0.008	0.33	6.6	8.0	10.10	220	0.77	0.08	2.0	12.9
Q005981		0.21	0.85	0.19	0.1	0.09	<0.005	0.13	2.2	2.6	11.00	80	0.28	0.02	0.6	2.2
Q005982		0.49	0.84	0.18	0.1	3.86	<0.005	0.13	2.4	1.8	7.78	1760	0.55	0.01	0.5	6.6
Q005983		0.52	1.99	0.14	0.4	1.17	<0.005	0.26	8.0	4.7	4.16	259	0.61	0.03	1.4	7.7
Q005984		1.03	3.42	0.15	0.7	1.06	0.011	0.39	8.5	7.0	9.92	362	1.27	0.09	3.0	16.8
Q005985		0.19	0.60	0.19	0.1	2.50	<0.005	0.09	1.4	1.5	10.15	360	0.57	0.01	0.4	4.2
Q005986		0.51	1.62	0.15	0.3	2.8	<0.005	0.27	4.1	4.0	9.15	301	0.59	0.02	1.0	7.0
Q005987		0.37	0.82	0.16	0.1	2.17	<0.005	0.14	2.1	2.2	8.98	322	0.81	0.01	0.5	8.3
Q005988		0.84	2.64	0.16	0.4	3.90	<0.005	0.47	7.3	6.9	8.75	363	1.17	0.02	1.8	14.6
Q005989		0.26	0.22	0.16	<0.1	0.89	<0.005	0.03	1.0	0.8	7.40	243	0.28	0.01	0.1	5.6
Q005990		0.25	1.48	0.18	0.2	0.48	<0.005	0.27	3.1	3.8	10.90	112	0.47	0.02	0.9	2.6
Q005991		0.26	0.54	0.20	0.1	0.50	<0.005	0.08	1.4	1.5	10.05	207	0.58	0.01	0.4	4.7
Q005992		0.21	0.65	0.22	0.1	0.80	<0.005	0.10	1.8	1.7	10.75	233	0.68	0.01	0.5	4.9
Q005993		0.21	1.25	0.23	0.2	1.91	<0.005	0.19	3.6	2.4	11.25	269	0.29	0.02	0.6	6.4
Q005994		0.20	0.42	0.22	0.1	0.45	<0.005	0.06	1.3	1.1	11.50	163	0.44	0.02	0.3	7.1
Q005995		0.26	0.61	0.20	0.1	0.66	<0.005	0.09	1.5	1.6	11.00	218	0.80	0.01	0.4	5.8
Q005996		0.23	0.63	0.20	0.1	1.45	<0.005	0.10	1.7	1.8	10.65	203	0.72	0.01	0.5	5.9
Q005997		0.21	0.55	0.11	0.1	0.68	<0.005	0.09	1.2	1.3	10.40	353	0.39	0.01	0.3	3.0
Q005998		0.36	0.74	0.13	0.1	0.6	<0.005	0.10	1.6	1.5	8.99	284	0.40	0.01	0.4	5.2
Q005999		0.25	0.60	0.15	0.1	0.56	<0.005	0.09	1.5	1.4	10.40	188	0.85	0.01	0.4	6.0
Q006000		0.12	0.49	0.21	0.1	0.57	<0.005	0.06	1.4	1.1	9.72	211	0.23	0.01	0.2	2.7
Q007251		0.22	0.76	0.22	0.1	0.44	<0.005	0.12	1.6	1.4	10.10	204	0.71	0.01	0.4	6.6
Q007252		0.21	0.72	0.20	0.1	0.55	<0.005	0.09	1.4	1.8	9.57	180	0.39	0.01	0.4	5.9
Q007253		0.83	0.64	0.14	0.1	20.4	0.006	0.07	3.1	1.1	8.08	414	1.80	0.01	0.4	12.5
Q007254		0.66	1.25	0.13	0.2	14.4	0.005	0.18	2.6	1.6	7.96	442	1.91	0.01	1.0	15.5

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007339		930	14.0	60.4	0.002	0.11	3.68	7.7	5	1.1	136.0	0.53	0.17	5.4	0.233	2.06
Q007340		70	5.4	27.0	0.007	0.08	0.63	1.6	1	0.4	18.3	0.09	<0.05	1.0	0.051	0.53
Q007341		70	2.7	45.0	0.027	0.04	1.39	3.6	1	0.7	17.1	0.20	<0.05	2.8	0.113	0.56
Q007342		210	3.8	20.9	0.006	0.08	0.78	1.4	1	0.4	75.4	0.08	<0.05	1.5	0.041	0.93
Q007343		160	3.4	18.8	0.014	0.06	0.80	1.5	2	0.3	43.4	0.06	<0.05	1.2	0.037	0.83
Q007344		>10000	5.7	7.7	0.002	0.19	26.5	13.9	6	0.5	676	0.05	0.14	1.4	0.027	0.35
Q005971		6480	187.0	18.2	0.006	0.02	14.35	5.2	3	0.4	172.0	0.15	<0.05	2.5	0.065	2.94
Q005972		170	2.6	3.5	<0.002	<0.01	0.26	0.4	<1	<0.2	143.5	<0.05	<0.05	0.3	0.010	0.14
Q005973		170	13.8	13.6	<0.002	0.01	2.20	1.4	1	0.2	200	0.09	<0.05	1.3	0.040	0.40
Q005974		360	62.4	42.5	<0.002	0.02	2.51	5.3	1	0.9	138.0	0.39	<0.05	4.7	0.188	1.81
Q005975		50	39.8	3.8	<0.002	<0.01	1.50	0.8	1	<0.2	143.0	<0.05	<0.05	0.4	0.010	0.27
Q005976		110	12.9	6.3	<0.002	0.01	0.77	1.1	1	0.2	164.0	0.05	<0.05	0.8	0.026	0.55
Q005977		100	2.2	4.4	0.002	0.02	0.14	0.4	1	<0.2	157.0	<0.05	<0.05	0.4	0.009	0.21
Q005978		160	14.5	20.6	<0.002	0.01	0.68	2.1	1	0.4	209	0.11	<0.05	1.7	0.052	0.63
Q005979		120	11.1	12.6	<0.002	<0.01	0.45	1.8	1	0.3	168.5	0.07	<0.05	1.1	0.033	0.41
Q005980		200	31.0	16.1	<0.002	0.01	0.86	2.2	1	0.3	124.0	0.14	<0.05	1.9	0.067	0.60
Q005981		110	13.7	5.4	<0.002	<0.01	0.64	0.6	1	<0.2	116.5	<0.05	<0.05	0.6	0.020	0.16
Q005982		90	4.4	4.9	<0.002	<0.01	0.26	0.8	1	<0.2	152.0	<0.05	<0.05	0.6	0.017	0.48
Q005983		220	5.4	11.2	<0.002	0.01	0.51	1.4	1	0.2	61.4	0.08	<0.05	2.6	0.047	1.17
Q005984		420	8.9	23.4	<0.002	0.03	1.82	2.7	1	0.4	121.5	0.21	<0.05	2.2	0.087	2.33
Q005985		50	5.3	3.5	<0.002	<0.01	0.27	0.5	1	<0.2	107.5	<0.05	<0.05	0.4	0.013	0.55
Q005986		150	6.0	9.9	<0.002	<0.01	0.64	1.7	1	0.2	115.0	0.07	<0.05	1.1	0.035	0.74
Q005987		60	5.8	5.1	<0.002	<0.01	0.79	0.9	1	<0.2	127.5	<0.05	<0.05	0.5	0.016	0.87
Q005988		250	14.5	18.1	<0.002	<0.01	0.77	2.1	1	0.3	185.5	0.12	<0.05	1.7	0.061	1.72
Q005989		50	3.2	1.1	<0.002	<0.01	0.13	0.2	1	<0.2	164.5	<0.05	<0.05	0.2	<0.005	0.51
Q005990		150	2.4	9.8	<0.002	<0.01	0.27	0.9	1	0.2	143.0	0.06	<0.05	0.9	0.030	0.56
Q005991		80	2.8	3.2	<0.002	<0.01	0.29	0.4	1	<0.2	160.0	<0.05	<0.05	0.4	0.013	1.05
Q005992		70	3.4	3.7	<0.002	<0.01	0.16	0.5	1	<0.2	157.5	<0.05	<0.05	0.5	0.014	0.40
Q005993		240	2.3	7.2	<0.002	0.01	0.42	0.8	1	<0.2	93.3	<0.05	<0.05	0.7	0.019	2.13
Q005994		100	2.1	2.3	<0.002	<0.01	0.22	0.9	1	<0.2	90.5	<0.05	<0.05	0.3	0.009	0.48
Q005995		70	4.0	3.5	<0.002	<0.01	0.19	0.5	<1	<0.2	143.5	<0.05	<0.05	0.4	0.013	0.65
Q005996		80	4.1	3.7	0.002	<0.01	0.18	0.5	<1	<0.2	156.0	<0.05	<0.05	0.4	0.016	0.49
Q005997		60	3.9	3.3	<0.002	<0.01	0.18	0.4	1	<0.2	159.0	<0.05	<0.05	0.4	0.012	1.33
Q005998		380	2.2	3.9	<0.002	<0.01	0.26	0.9	<1	<0.2	112.5	<0.05	<0.05	0.5	0.011	0.48
Q005999		60	3.2	3.4	<0.002	<0.01	0.24	0.5	<1	<0.2	135.5	<0.05	<0.05	0.4	0.013	0.65
Q006000		160	1.5	2.4	<0.002	<0.01	0.13	1.1	1	<0.2	113.5	<0.05	<0.05	0.3	0.006	0.22
Q007251		180	1.6	4.4	<0.002	<0.01	0.21	1.9	1	<0.2	100.0	<0.05	<0.05	0.5	0.013	0.72
Q007252		170	3.1	3.8	<0.002	<0.01	0.22	0.7	1	<0.2	124.5	<0.05	<0.05	0.5	0.011	0.35
Q007253		150	14.4	2.8	<0.002	<0.01	2.55	1.8	1	<0.2	97.1	<0.05	<0.05	0.5	0.011	1.86
Q007254		190	18.9	7.3	<0.002	<0.01	1.82	2.1	1	0.2	106.5	0.06	<0.05	0.8	0.027	1.06

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	Ba-XRF10 Ba % 0.01
Q007339		5.2	171	0.9	59.6	3390	54.0		
Q007340		1.3	175	0.2	3.0	54	14.2		
Q007341		2.9	182	0.4	5.7	19	33.7		
Q007342		1.6	131	0.2	2.6	3	19.2		
Q007343		1.8	117	0.2	2.9	5	12.6		
Q007344		68.5	677	0.3	67.8	4690	22.8		1.00
Q005971		71.2	114	2.7	27.1	572	19.4		
Q005972		3.4	8	0.2	1.6	36	2.7		
Q005973		2.8	12	1.1	3.0	20	11.4		
Q005974		3.1	63	1.7	9.9	310	40.5		
Q005975		2.1	5	0.5	2.6	41	2.8		
Q005976		2.3	11	0.7	2.6	43	6.2		
Q005977		3.0	5	0.2	1.2	130	2.6		
Q005978		1.5	14	0.8	4.5	198	13.3		
Q005979		1.6	12	0.6	3.6	158	9.2		
Q005980		2.5	25	0.7	4.4	146	15.6		
Q005981		2.0	6	0.4	1.6	40	4.6		
Q005982		3.3	10	0.7	3.9	97	4.9		
Q005983		1.5	21	0.6	2.9	62	12.3		
Q005984		2.1	60	1.0	5.4	154	23.0		
Q005985		3.4	9	0.4	2.0	15	3.7		
Q005986		3.7	15	1.6	4.0	71	8.2		
Q005987		4.7	8	0.5	4.1	88	4.5		
Q005988		2.7	19	1.6	3.7	128	14.2		
Q005989		1.3	6	0.1	1.5	7	1.1		
Q005990		2.5	8	0.5	2.8	21	7.2		
Q005991		2.8	4	0.3	1.4	111	3.4		
Q005992		2.3	6	0.3	1.3	27	3.4		
Q005993		2.7	24	0.6	1.4	87	5.5		
Q005994		2.2	10	0.2	1.8	80	2.9		
Q005995		2.7	7	0.4	1.2	37	3.5		
Q005996		2.3	7	0.4	1.3	36	3.8		
Q005997		2.2	4	0.3	1.2	17	3.0		
Q005998		3.0	10	0.3	2.8	42	3.4		
Q005999		2.3	6	0.4	1.2	54	3.1		
Q006000		3.9	16	0.2	3.1	21	1.9		
Q007251		4.4	11	0.3	3.3	78	3.7		
Q007252		2.9	9	0.3	2.4	50	3.2		
Q007253		8.4	12	0.8	6.6	204	4.9		
Q007254		10.1	13	1.6	6.6	151	8.3		

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

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VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007255		0.17	1.06	0.56	0.18	1370	60	0.23	0.02	24.2	0.49	5.98	7.6	6	0.17	3.5
Q007256		0.09	0.87	0.73	0.43	2600	140	0.34	0.03	24.7	1.00	5.57	9.2	9	0.46	6.0
Q007257		0.04	0.09	1.14	0.87	1040	130	0.78	0.03	30.0	4.49	8.88	3.9	12	0.93	4.2
Q007258		0.24	0.02	0.44	0.78	170	100	0.38	0.02	27.7	0.31	10.85	2.7	7	0.71	2.1
Q007259		0.26	0.04	0.63	0.83	344	110	0.47	0.03	25.0	1.06	11.20	3.2	8	0.77	3.3
Q007260		0.14	0.03	0.67	0.85	362	120	0.53	0.03	24.5	0.46	8.95	4.3	8	0.90	3.5
Q007261		0.32	<0.01	0.23	5.90	103.0	1100	1.48	0.24	1.05	0.81	68.0	10.4	77	6.15	16.2
Q007262		0.21	0.13	0.70	5.62	232	1430	1.73	0.23	3.71	0.72	65.2	11.8	84	7.75	22.8
Q007263		0.26	0.03	1.32	5.89	359	2150	2.34	0.25	1.39	1.09	68.4	8.6	116	19.65	41.7
Q007264		0.19	0.36	1.01	4.84	341	1670	1.79	0.21	3.11	0.99	57.2	7.4	89	10.95	29.9
Q007265		0.27	0.21	0.75	4.22	211	1560	1.59	0.18	5.23	0.50	53.2	7.2	85	9.67	27.9
Q007266		0.23	0.58	0.81	3.17	246	1190	1.32	0.14	10.45	0.47	39.0	8.2	60	7.52	24.9
Q007267		0.27	0.04	0.71	4.41	200	890	1.58	0.18	7.63	0.95	54.5	10.6	63	4.83	13.9
Q007268		0.19	0.06	0.22	1.00	242	170	0.56	0.04	21.4	0.87	12.60	3.7	12	1.37	8.9
Q007269		0.04	<0.01	0.29	0.95	184	130	0.60	0.03	33.8	0.56	10.25	2.7	11	0.75	2.4
Q007270		0.24	0.02	1.04	1.48	237	200	0.70	0.07	20.0	1.80	14.65	4.3	17	1.82	8.9
Q007271		0.18	0.01	0.57	0.63	159	80	0.28	0.03	23.0	1.23	6.73	2.1	8	0.70	4.0
Q007272		0.18	<0.01	0.83	1.09	198	130	0.47	0.04	23.0	2.25	11.05	3.3	11	1.13	6.7
Q007273		0.35	0.01	0.47	0.83	164	100	0.42	0.03	22.1	0.52	6.60	3.0	8	0.81	4.5
Q007274		0.31	0.09	0.54	5.76	210	1460	2.10	0.23	1.49	0.75	73.1	10.0	92	9.73	23.7
Q007275		0.27	<0.01	1.47	1.96	80	250	1.18	0.06	17.80	1.13	24.3	3.5	23	2.28	7.1
Q007276		0.14	0.20	2.02	3.97	4800	840	2.87	0.09	21.4	9.82	35.5	10.9	159	2.42	241
Q007277		0.24	0.18	1.85	2.81	2130	820	1.36	0.07	25.3	5.93	33.1	6.1	77	2.18	106.0
Q007278		0.20	0.07	1.52	0.96	664	400	0.37	0.04	32.9	8.12	17.60	3.8	27	0.93	9.0
Q007279		0.25	0.08	1.48	1.71	1060	820	0.54	0.07	30.0	6.69	30.6	7.5	43	1.85	13.5
Q007280		0.15	0.14	1.17	2.57	2440	920	1.45	0.07	28.2	5.64	32.0	4.2	102	1.75	47.9
Q007281		0.15	0.46	4.27	7.44	3390	2440	2.95	0.22	8.06	15.25	93.8	12.9	161	6.15	382
Q007282/Q007283		0.27	0.28	3.47	4.66	2460	1710	1.91	0.13	18.25	13.05	59.1	12.9	102	3.79	296
Q007283		Destroyed														
Q007284		0.13	0.52	5.05	3.76	1600	2180	1.16	0.11	22.7	11.60	62.3	16.5	88	3.50	81.6
Q007285		0.35	0.17	2.55	2.03	1400	750	1.06	0.06	27.8	7.21	29.5	5.8	65	1.83	84.3
Q007286		0.27	0.26	3.10	2.72	1320	1180	0.76	0.10	26.6	8.00	48.1	8.8	68	2.72	42.4
Q007287		0.32	0.09	2.04	0.88	947	380	0.51	0.03	33.2	8.30	16.05	2.9	25	0.90	17.3
Q007288		0.44	0.05	0.88	0.60	422	270	0.42	0.03	34.8	3.48	10.15	3.2	18	0.64	10.0
Q007289		0.34	<0.01	0.92	0.46	212	80	0.37	0.02	28.0	3.58	5.42	1.4	9	0.74	3.5
Q007290		0.18	0.01	6.80	0.81	472	200	0.42	0.05	32.3	26.6	12.10	2.5	19	1.13	9.8
Q007291		0.10	<0.01	0.52	0.17	174	30	0.17	0.01	25.1	5.15	1.99	0.7	4	0.20	2.1
Q007292		0.15	0.01	0.27	0.59	2190	40	0.64	0.01	28.9	5.58	1.73	13.2	29	0.11	144.5
Q007293		0.23	0.13	2.38	2.03	1620	410	1.47	0.03	28.8	8.02	16.10	11.2	60	0.75	199.0
Q007294		0.23	0.15	7.49	2.10	1120	960	0.94	0.06	28.5	16.00	28.7	8.0	51	1.45	71.7

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007255		1.37	0.54	0.11	0.1	26.6	0.005	0.06	3.2	0.9	9.42	327	2.12	0.01	0.3	16.4
Q007256		2.34	1.14	0.09	0.2	43.5	0.008	0.14	3.8	2.2	8.41	423	3.73	0.01	0.8	25.9
Q007257		1.32	2.41	0.10	0.3	6.16	0.008	0.36	4.7	4.1	4.33	1280	1.33	0.01	1.1	12.9
Q007258		0.62	2.06	0.11	0.4	0.91	0.014	0.35	4.8	4.2	5.87	1060	0.50	0.01	1.4	8.1
Q007259		0.96	2.25	0.11	0.4	1.40	0.009	0.36	5.2	4.4	7.41	1570	0.99	0.01	1.2	12.9
Q007260		1.03	2.41	0.12	0.4	3.32	0.012	0.37	4.3	4.8	7.20	1930	2.66	0.01	1.5	15.7
Q007261		3.23	15.10	0.17	2.6	0.80	0.050	1.39	35.5	34.2	0.80	345	2.12	0.77	14.7	30.9
Q007262		2.90	13.95	0.18	2.3	2.85	0.049	1.44	34.5	25.6	2.06	590	2.43	0.52	13.4	32.1
Q007263		3.39	16.25	0.19	3.0	5.92	0.056	1.79	39.2	23.8	0.85	317	5.87	0.14	16.1	44.0
Q007264		2.38	12.95	0.17	2.4	3.49	0.047	1.42	31.9	19.3	1.21	463	3.64	0.20	14.2	33.3
Q007265		2.00	11.85	0.15	2.5	1.71	0.040	1.40	30.1	16.5	2.61	460	3.28	0.16	13.4	28.5
Q007266		1.69	8.65	0.15	1.6	3.24	0.026	0.95	22.2	13.4	5.19	483	2.53	0.13	8.9	25.3
Q007267		2.96	10.60	0.14	1.9	2.53	0.035	1.07	27.7	23.7	3.88	1060	2.13	0.40	9.6	33.3
Q007268		1.71	2.48	0.09	0.6	1.80	0.011	0.33	6.4	7.2	9.53	511	1.57	0.06	2.1	21.1
Q007269		0.60	2.55	0.13	0.4	0.8	0.005	0.40	5.8	4.4	0.51	483	1.03	0.01	1.7	8.8
Q007270		1.45	4.03	0.12	0.5	5.3	0.012	0.53	7.7	9.6	9.46	486	1.04	0.03	2.2	18.9
Q007271		0.50	1.87	0.14	0.2	1.86	0.007	0.27	3.7	4.6	9.93	229	0.67	0.01	0.8	9.3
Q007272		1.01	3.12	0.13	0.3	2.21	0.009	0.45	5.7	7.0	10.20	304	0.77	0.02	1.3	13.8
Q007273		0.80	2.29	0.12	0.2	1.52	0.006	0.34	3.5	5.7	9.80	665	0.63	0.02	1.0	10.9
Q007274		3.04	14.85	0.18	2.9	1.69	0.049	1.53	39.1	28.7	1.04	736	3.34	0.35	15.8	37.6
Q007275		1.14	4.96	0.14	0.9	1.43	0.013	0.75	11.9	14.3	10.00	228	1.35	0.08	3.6	12.4
Q007276		8.95	10.25	0.17	0.9	19.4	0.175	0.74	23.4	5.8	0.24	371	68.0	0.01	4.1	145.5
Q007277		4.20	6.33	0.14	0.8	15.2	0.059	0.68	23.3	5.1	0.21	277	61.6	0.01	3.8	104.5
Q007278		1.38	2.25	0.11	0.4	19.9	0.014	0.36	13.6	2.6	0.12	281	31.4	0.01	1.8	36.8
Q007279		1.86	4.19	0.13	0.7	29.1	0.022	0.63	24.2	4.5	0.15	248	69.6	0.01	3.2	81.3
Q007280		2.93	6.57	0.14	0.8	16.4	0.104	0.66	23.6	4.9	0.15	212	52.6	0.01	3.9	76.5
Q007281		6.64	16.60	0.26	2.9	55.5	0.184	2.22	64.0	16.2	0.35	120	131.0	0.03	14.7	172.0
Q007282/Q007283		6.59	9.75	0.17	1.6	46.5	0.097	1.31	42.4	9.2	0.31	407	93.7	0.02	7.9	153.5
Q007283																
Q007284		5.18	7.90	0.24	1.3	29.4	0.047	1.26	48.9	7.7	0.22	407	99.5	0.02	4.5	150.5
Q007285		3.42	5.27	0.16	0.7	15.8	0.043	0.56	21.9	4.1	0.13	353	43.1	0.01	2.8	76.9
Q007286		2.36	6.72	0.20	1.3	29.3	0.032	0.98	36.1	6.6	0.18	301	76.7	0.01	5.2	84.7
Q007287		1.52	2.02	0.12	0.4	11.8	0.012	0.34	11.1	2.2	0.11	399	34.1	<0.01	1.5	27.6
Q007288		0.82	1.52	0.12	0.3	8.3	0.009	0.23	7.4	1.7	0.09	388	17.85	<0.01	1.0	20.8
Q007289		0.46	1.15	0.15	0.2	5.06	0.005	0.15	3.1	2.6	4.59	282	1.37	0.02	0.8	7.7
Q007290		1.12	2.15	0.12	0.4	40.0	0.015	0.29	7.6	3.7	0.80	458	19.70	0.01	1.7	19.4
Q007291		0.27	0.47	0.21	0.1	1.15	<0.005	0.06	1.0	1.1	7.95	174	1.17	0.01	0.3	5.3
Q007292		9.99	1.65	0.07	<0.1	1.62	0.023	0.02	0.8	0.7	0.10	438	24.0	<0.01	0.1	91.3
Q007293		6.43	3.08	0.09	0.3	8.3	0.041	0.19	8.8	2.1	0.10	481	22.9	<0.01	0.9	120.5
Q007294		2.51	3.72	0.13	0.7	24.6	0.031	0.48	21.5	4.0	0.14	463	35.0	0.01	2.7	72.4

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q007255		140	15.2	2.3	<0.002	0.01	3.49	0.9	1	<0.2	85.4	<0.05	<0.05	0.4	0.009	2.78
Q007256		290	20.4	5.6	<0.002	0.03	7.31	1.5	1	0.2	104.5	0.05	<0.05	0.8	0.024	4.95
Q007257		130	12.9	12.8	<0.002	<0.01	2.52	6.1	1	0.2	103.5	0.08	<0.05	1.6	0.038	2.93
Q007258		70	5.6	12.6	0.002	<0.01	0.52	2.4	1	0.2	267	0.09	<0.05	1.4	0.042	1.70
Q007259		80	7.7	13.3	<0.002	<0.01	1.03	3.5	1	0.2	240	0.08	<0.05	1.4	0.040	2.85
Q007260		60	6.6	14.5	0.002	<0.01	0.72	4.4	1	0.3	161.5	0.09	<0.05	1.4	0.045	2.51
Q007261		290	26.4	80.5	<0.002	0.02	1.72	9.9	1	1.9	141.5	1.01	0.06	9.8	0.424	1.46
Q007262		420	25.2	75.0	<0.002	0.04	2.17	10.4	2	1.6	138.5	0.89	0.06	9.5	0.363	2.52
Q007263		540	54.9	101.0	0.002	0.06	4.43	13.7	3	1.8	132.5	1.01	0.15	10.7	0.369	4.97
Q007264		510	41.6	79.5	<0.002	0.06	3.27	9.7	2	1.5	124.5	0.88	0.08	8.4	0.331	6.34
Q007265		550	20.8	77.0	<0.002	0.07	2.60	8.5	2	1.3	121.0	0.86	0.07	7.7	0.297	4.30
Q007266		430	18.3	56.5	0.002	0.05	2.14	6.5	2	1.0	123.0	0.59	0.06	5.6	0.214	7.12
Q007267		530	24.1	60.2	0.002	0.05	1.50	8.2	2	1.3	131.0	0.68	0.05	8.1	0.291	2.08
Q007268		320	7.8	15.5	<0.002	<0.01	0.76	2.2	1	0.3	132.5	0.14	<0.05	2.0	0.068	1.16
Q007269		120	2.3	15.2	<0.002	0.01	0.44	3.1	1	0.3	45.8	0.12	<0.05	1.7	0.054	0.42
Q007270		200	7.8	24.2	<0.002	0.02	0.80	3.2	1	0.4	137.0	0.15	<0.05	2.5	0.069	2.19
Q007271		50	2.8	10.9	<0.002	<0.01	0.42	2.2	1	0.2	123.5	0.06	<0.05	1.0	0.026	0.66
Q007272		120	4.2	18.3	<0.002	<0.01	0.55	3.0	1	0.3	133.5	0.09	<0.05	1.6	0.042	1.53
Q007273		90	3.3	12.8	<0.002	<0.01	0.32	1.9	1	0.2	127.0	0.07	<0.05	1.1	0.032	1.11
Q007274		480	28.8	86.2	<0.002	0.05	2.55	11.7	2	1.7	119.0	1.03	0.09	10.8	0.399	2.82
Q007275		340	60.6	33.6	0.002	0.04	2.61	3.6	1	0.5	111.5	0.25	<0.05	3.6	0.121	1.28
Q007276		>10000	272	30.5	0.005	0.04	27.1	21.6	5	0.8	196.0	0.27	0.10	7.0	0.109	7.71
Q007277		9300	264	28.7	0.004	0.02	22.8	9.0	3	0.6	222	0.23	0.06	4.4	0.099	3.92
Q007278		5870	169.5	13.2	0.007	0.02	6.11	2.9	2	0.4	165.5	0.11	<0.05	1.7	0.049	2.25
Q007279		9900	196.0	25.6	0.012	0.02	12.25	3.7	3	0.6	229	0.19	0.05	3.1	0.089	3.59
Q007280		8450	180.0	26.7	0.010	0.03	11.65	12.4	3	0.6	210	0.24	0.06	5.1	0.099	3.16
Q007281		>10000	433	88.2	0.024	0.06	19.20	24.2	9	2.0	414	0.90	0.14	12.8	0.350	5.54
Q007282/Q007283		>10000	512	54.6	0.015	0.04	33.0	14.9	6	1.2	313	0.51	0.09	7.3	0.205	4.52
Q007283																
Q007284		>10000	752	50.9	0.006	0.03	42.9	6.4	5	1.1	469	0.28	0.10	5.5	0.141	4.52
Q007285		7770	347	22.7	0.009	0.03	20.9	6.6	3	0.6	182.0	0.18	0.07	3.3	0.078	3.83
Q007286		>10000	452	39.6	0.020	0.04	16.55	6.2	4	1.0	278	0.33	0.07	4.4	0.140	6.44
Q007287		3770	452	11.3	0.006	0.02	12.90	3.1	2	0.3	104.5	0.09	<0.05	1.3	0.045	2.25
Q007288		2560	134.0	8.2	0.006	0.02	5.41	2.3	1	0.3	70.8	0.07	<0.05	0.9	0.031	0.84
Q007289		220	165.5	6.5	<0.002	<0.01	2.64	1.3	1	0.2	69.4	0.06	<0.05	0.7	0.026	1.19
Q007290		2150	972	11.7	0.002	0.03	31.4	2.7	2	0.4	84.3	0.11	<0.05	1.6	0.052	3.63
Q007291		110	186.0	2.2	<0.002	<0.01	2.10	0.4	1	<0.2	113.0	<0.05	<0.05	0.2	0.008	3.19
Q007292		820	111.5	0.8	<0.002	<0.01	2.27	3.4	4	<0.2	22.3	<0.05	<0.05	0.7	<0.005	0.83
Q007293		3190	246	7.6	0.002	0.02	8.81	6.4	5	0.3	108.0	0.06	<0.05	1.8	0.026	2.16
Q007294		6490	1950	18.4	0.006	0.04	16.45	5.9	3	0.6	244	0.17	0.09	2.6	0.073	3.24

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	Ba-XRF10 Ba % 0.01
Q007255		7.4	13	0.6	4.4	269	4.0		
Q007256		8.3	18	1.5	4.8	462	7.8		
Q007257		5.3	39	2.9	13.2	423	9.8		
Q007258		2.3	18	1.4	5.5	144	10.6		
Q007259		2.2	22	1.7	5.1	266	9.2		
Q007260		2.2	28	1.7	8.3	230	10.5		
Q007261		2.9	175	2.0	14.8	196	107.5		
Q007262		3.1	231	2.3	19.2	166	75.5		
Q007263		4.6	406	3.5	26.4	278	102.0		
Q007264		3.7	296	3.2	20.4	214	83.7		
Q007265		3.3	284	2.4	18.8	132	79.2		
Q007266		2.8	202	1.9	14.9	102	57.1		
Q007267		3.1	140	1.9	14.8	201	63.5		
Q007268		2.1	26	0.9	4.6	170	16.2		
Q007269		4.9	24	1.3	5.9	101	12.8		
Q007270		1.8	23	2.3	4.9	287	15.2		
Q007271		1.3	14	0.9	3.5	119	5.9		
Q007272		1.5	19	1.2	4.6	217	9.4		
Q007273		1.9	14	1.2	3.2	128	6.7		
Q007274		3.6	289	2.5	23.5	217	98.5		
Q007275		2.6	32	2.0	6.5	198	28.0		
Q007276		126.5	447	4.0	47.3	1190	31.6		
Q007277		96.1	193	3.6	35.0	761	39.2		
Q007278		58.9	65	2.1	21.3	381	12.1		
Q007279		100.0	94	3.4	29.3	554	24.5		
Q007280		103.0	223	3.2	34.5	494	28.0		
Q007281		195.0	468	8.8	83.7	1200	94.2		
Q007282/Q007283		136.0	306	6.2	62.9	1420	54.5		
Q007283									
Q007284		180.0	184	6.4	61.4	1340	44.8		
Q007285		86.0	173	2.9	32.2	1010	26.0		
Q007286		110.5	170	4.6	39.6	737	43.2		
Q007287		46.2	60	1.3	18.6	574	12.9		
Q007288		32.9	44	0.9	11.9	282	9.0		
Q007289		3.2	16	0.4	4.5	457	7.2		
Q007290		26.2	33	2.1	10.3	3000	13.9		
Q007291		3.1	7	0.2	1.7	426	2.3		
Q007292		11.6	117	0.1	12.7	2440	1.6		
Q007293		47.5	211	1.1	31.2	1600	8.4		
Q007294		69.2	158	2.2	31.6	2350	22.8		

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q007295		0.23	0.17	6.69	2.09	1130	880	0.98	0.06	27.7	14.70	29.4	7.3	53	1.47	104.5
Q007296		0.18	0.04	0.85	1.71	1600	130	1.06	0.02	29.2	4.83	7.46	10.8	51	0.27	210
Q007297		0.15	0.09	3.70	0.81	286	560	0.48	0.03	33.2	12.65	17.70	6.7	26	0.65	16.9
Q007298		0.17	0.06	1.11	0.37	573	190	0.32	0.02	30.0	9.90	4.66	18.3	19	0.39	5.9

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 27-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007295		2.29	3.78	0.12	0.6	31.2	0.033	0.49	22.3	4.2	0.13	435	33.4	0.01	2.8	74.4
Q007296		7.10	2.39	0.07	0.1	3.63	0.030	0.06	3.5	1.1	0.08	519	13.95	<0.01	0.3	91.4
Q007297		1.71	1.86	0.09	0.4	12.2	0.009	0.26	12.4	2.4	0.11	610	12.25	<0.01	1.5	35.9
Q007298		6.09	0.92	0.10	0.1	11.8	0.015	0.13	3.9	1.0	0.10	559	11.20	<0.01	0.4	89.0

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q007295		6460	1330	18.4	0.005	0.04	16.05	6.6	3	0.6	233	0.17	<0.05	2.7	0.072	3.79
Q007296		1270	111.5	2.6	<0.002	0.01	2.99	5.2	3	<0.2	50.2	<0.05	<0.05	1.2	0.009	1.50
Q007297		3520	1540	9.8	0.003	0.04	9.81	3.2	2	0.3	171.0	0.10	<0.05	1.2	0.040	2.33
Q007298		1210	153.0	4.9	0.004	<0.01	4.06	1.8	5	0.2	117.0	<0.05	<0.05	0.5	0.013	0.57

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

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North Vancouver BC V7H 0A7
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	Ba-XRF10 Ba % 0.01
Q007295		73.3	150	2.3	33.1	1910	22.6		
Q007296		22.6	215	0.3	22.4	1380	3.5		
Q007297		38.6	64	1.2	20.8	1580	12.8		
Q007298		12.7	38	0.8	17.3	1620	4.2		

Comments: Blended sample #108 Q007282 and #109 Q007283 run as #108 Q007282/Q007283.

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126595

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP- MS Cd,ICP- AES results shown.
Applies to Method: ME- MS61

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au- AA26	Ba- XRF10	Hg- CV41	ME- MS61
	ME- OG62	ME- XRF10	OA- GRA06	Zn- OG62

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

CERTIFICATE WH13126596

Project: Nadaleen

P.O. No.: R13-16

This report is for 19 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126596

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q005712	0.35	<0.01	0.02	0.11	2.4	80	0.20	0.02	0.91	0.75	1.70	2.4	44	0.06	15.5
Q005713	0.28	<0.01	0.04	0.11	<5	290	0.10	0.03	35.5	8.28	1.78	5.9	7	<0.05	2.2
Q005714	0.15	<0.01	0.30	1.12	702	3000	1.84	0.07	0.60	33.6	8.99	361	21	0.80	20.7
Q005715	0.20	<0.01	0.28	0.31	7.9	4670	0.16	0.04	6.91	4.55	3.17	4.9	17	0.30	5.0
Q005716	0.18	0.01	0.05	0.07	7.3	120	0.07	0.02	2.51	1.11	2.05	8.9	19	<0.05	7.8
Q005717	0.34	<0.01	0.65	1.00	11	3470	0.31	0.05	15.50	3.04	9.51	3.3	26	0.67	13.1
Q005718	0.18	<0.01	0.12	0.03	11	5590	<0.05	0.03	34.7	0.54	1.36	0.9	<1	<0.05	5.4
Q005719	0.32	<0.01	0.07	0.13	9	410	<0.05	0.03	37.3	3.65	3.03	3.4	2	0.09	3.0
Q005720	0.25	<0.01	0.07	0.11	6	360	0.11	0.03	34.4	6.74	3.53	8.3	1	0.07	4.0
Q005721	0.35	<0.01	0.26	0.09	16	9620	0.11	0.04	33.7	30.8	0.94	27.2	<1	<0.05	4.7
Q005722	0.34	<0.01	0.39	2.73	48.8	1780	2.51	0.07	7.84	22.1	9.15	54.6	33	0.33	9.9
Q005723	0.39	<0.01	0.18	0.39	16	710	0.17	0.06	33.2	20.3	4.77	11.2	7	0.14	5.7
Q005724	0.12	<0.01	0.49	2.43	66.1	1520	3.85	0.09	1.19	50.0	16.55	165.0	45	0.74	20.7
Q005725	0.35	<0.01	0.16	0.30	12	310	0.15	0.06	32.6	16.55	3.95	14.6	6	0.27	7.6
Q005726	0.33	<0.01	0.30	0.93	12	380	0.59	0.08	28.9	54.2	7.08	64.4	15	0.39	8.8
Q005727	0.16	<0.01	0.11	0.15	3.1	220	0.05	0.05	7.33	4.12	1.44	4.1	15	0.18	4.2
Q005728	0.30	<0.01	0.35	0.48	10	2250	0.17	0.07	31.2	18.15	7.73	16.7	12	0.41	9.5
Q005811	0.19	<0.01	0.02	0.30	5	90	0.17	0.04	32.3	0.14	12.20	2.7	<1	0.17	3.3
Q005812	0.02	0.03	0.08	0.71	18.6	170	0.23	0.07	0.59	0.97	9.16	9.7	14	1.04	7.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126596

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q005712		0.95	0.44	0.09	<0.1	0.01	0.024	0.02	4.4	2.4	0.37	227	0.60	0.01	0.1	20.0
Q005713		0.94	0.21	0.09	<0.1	<0.1	0.007	0.01	4.6	6.5	0.09	452	1.70	<0.01	0.1	47.2
Q005714		42.2	2.31	0.81	0.4	0.15	0.015	0.18	11.9	5.2	0.07	12050	387	0.03	1.1	2170
Q005715		1.10	0.81	0.08	0.1	0.04	0.007	0.07	4.8	14.0	1.84	268	11.35	<0.01	0.3	46.6
Q005716		0.93	0.22	0.05	<0.1	0.01	<0.005	0.01	8.2	1.6	1.20	361	2.41	0.01	0.1	36.7
Q005717		0.99	2.06	0.07	0.3	0.10	0.010	0.15	13.4	7.2	0.20	385	32.9	0.01	1.0	50.1
Q005718		0.22	0.17	<0.05	<0.1	0.02	0.006	0.01	5.1	0.3	1.15	170	14.05	<0.01	0.1	8.1
Q005719		0.32	0.55	0.06	0.1	0.02	0.006	0.03	5.7	1.0	0.05	635	2.07	<0.01	0.2	23.5
Q005720		1.34	0.45	0.06	0.1	0.02	0.005	0.02	7.5	1.3	0.05	1180	3.01	<0.01	0.2	75.1
Q005721		2.61	0.22	0.05	<0.1	0.04	0.007	0.01	2.0	1.5	0.08	991	29.9	<0.01	0.1	205
Q005722		10.55	1.46	0.11	0.3	0.09	0.009	0.09	14.4	7.1	0.05	744	42.5	<0.01	0.5	422
Q005723		2.02	0.90	0.07	0.1	0.05	0.009	0.04	10.4	25.6	0.05	829	7.07	<0.01	0.4	96.2
Q005724		35.5	2.95	0.30	0.5	0.1	0.015	0.20	30.1	17.7	0.07	1500	138.0	0.01	1.2	1670
Q005725		1.96	0.94	0.06	0.2	<0.1	0.006	0.07	6.4	2.4	0.06	809	8.77	<0.01	0.5	112.5
Q005726		7.17	1.62	0.08	0.2	0.05	0.010	0.11	11.1	3.5	0.07	1400	14.30	0.01	0.8	349
Q005727		0.78	0.40	<0.05	0.1	0.02	0.006	0.02	2.4	2.0	0.02	211	6.37	<0.01	0.2	34.1
Q005728		1.76	1.58	0.08	0.2	0.06	0.007	0.12	12.0	3.8	0.08	882	9.17	<0.01	0.8	99.7
Q005811		2.57	0.95	0.06	0.2	0.10	0.014	0.14	5.1	1.2	0.79	360	0.82	<0.01	0.4	7.9
Q005812		>50	2.10	0.32	0.3	0.3	0.012	0.33	6.0	2.2	0.15	228	63.8	0.01	1.0	121.0

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126596

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005712		170	0.8	0.9	<0.002	0.02	0.31	4.9	1	0.2	18.8	<0.05	<0.05	0.3	0.006	0.04
Q005713		450	0.7	0.6	<0.002	0.01	0.25	1.0	1	<0.2	73.9	<0.05	<0.05	0.2	<0.005	0.02
Q005714		540	4.1	10.4	0.003	0.04	6.04	2.4	9	0.3	22.7	0.09	0.07	1.0	0.031	6.12
Q005715		750	2.0	4.3	0.027	0.13	0.49	1.3	5	0.2	81.1	<0.05	<0.05	0.5	0.010	0.41
Q005716		130	1.4	0.5	0.003	0.02	1.46	0.9	1	0.2	21.5	<0.05	<0.05	<0.2	<0.005	0.06
Q005717		810	3.0	9.8	0.006	0.11	1.27	2.7	4	0.2	65.7	0.06	0.05	1.3	0.024	0.35
Q005718		1130	1.8	0.6	0.017	0.15	0.29	0.3	1	<0.2	220	<0.05	<0.05	<0.2	<0.005	0.11
Q005719		370	1.2	1.5	0.002	<0.01	0.28	1.6	1	<0.2	50.7	<0.05	<0.05	0.3	0.005	0.03
Q005720		380	0.9	1.1	0.003	<0.01	0.28	4.0	3	<0.2	45.0	<0.05	<0.05	0.3	<0.005	0.04
Q005721		310	1.0	0.5	0.007	0.23	0.75	2.1	7	<0.2	84.5	<0.05	<0.05	0.2	<0.005	0.68
Q005722		2890	3.0	4.8	0.016	0.04	0.97	6.2	9	0.2	91.8	<0.05	0.06	1.1	0.012	0.34
Q005723		950	2.2	2.1	0.002	0.01	0.65	5.1	6	0.2	60.2	<0.05	<0.05	0.7	0.009	0.07
Q005724		4060	5.2	10.3	0.010	0.05	3.35	14.0	16	0.3	54.4	0.09	<0.05	1.9	0.032	0.32
Q005725		560	2.0	3.7	0.002	0.01	0.55	2.6	3	0.3	50.7	<0.05	<0.05	0.6	0.014	0.16
Q005726		650	3.6	6.2	0.005	<0.01	0.94	4.3	5	0.2	63.0	0.05	<0.05	0.9	0.020	0.62
Q005727		320	1.2	1.3	0.017	0.02	0.39	0.7	1	0.2	14.1	<0.05	<0.05	0.3	0.006	0.13
Q005728		610	4.2	6.5	0.003	0.05	0.82	3.6	8	0.2	73.9	0.05	<0.05	1.0	0.021	0.28
Q005811		200	1.8	5.8	<0.002	<0.01	0.14	1.1	1	<0.2	1040	<0.05	<0.05	0.6	0.013	0.07
Q005812		860	2.9	12.9	0.003	0.07	1.42	1.8	8	0.4	15.9	0.06	<0.05	1.0	0.033	0.70

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126596

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q005712		0.7	96	<0.1	15.3	85	1.3	
Q005713		3.7	20	<0.1	16.8	414	1.4	
Q005714		32.7	88	0.2	99.4	>10000	18.5	1.635
Q005715		4.3	42	0.1	7.9	285	4.6	
Q005716		0.9	91	0.1	8.5	130	1.4	
Q005717		7.3	61	0.3	26.8	208	12.4	
Q005718		3.7	16	0.1	12.0	31	0.7	
Q005719		4.0	23	0.1	12.1	144	2.4	
Q005720		3.3	34	<0.1	22.6	561	2.2	
Q005721		5.1	20	0.1	25.6	1180	1.7	
Q005722		15.7	143	0.2	108.0	5810	10.3	
Q005723		8.8	48	0.1	26.5	803	5.4	
Q005724		30.4	260	0.2	330	>10000	16.9	1.720
Q005725		5.5	39	0.1	18.1	960	5.5	
Q005726		10.0	55	0.1	53.8	4150	8.7	
Q005727		2.5	14	0.1	5.8	248	2.6	
Q005728		5.9	47	0.2	24.1	1180	8.7	
Q005811		2.7	5	0.1	7.0	12	5.5	
Q005812		5.7	40	0.2	7.8	535	10.0	

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CERTIFICATE OF ANALYSIS WH13126596

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61	ME-OG62
	Zn-OG62			

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

CERTIFICATE WH13126597

Project: Nadaleen
P.O. No.: R13-17
This report is for 63 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126597

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q007345		0.18	<0.01	0.11	0.23	5.0	3420	0.12	0.02	4.45	17.75	2.39	2.6	12	0.39	6.6
Q007346		0.17	<0.01	0.22	0.26	1.6	3370	0.11	0.02	5.29	8.87	1.93	1.6	7	0.13	4.2
Q007347		0.69	<0.01	0.09	0.13	<5	4610	0.06	0.01	16.00	8.56	0.90	1.0	3	0.05	2.0
Q007348		0.30	<0.01	0.08	0.06	5	2010	0.06	0.01	39.2	26.8	1.25	7.9	4	0.05	5.0
Q007349		0.37	<0.01	0.14	0.09	5	4380	<0.05	0.01	38.3	17.85	1.78	18.0	6	0.10	6.4
Q007350		0.33	<0.01	0.07	0.39	<5	820	0.06	0.01	35.2	16.00	4.10	4.0	11	0.13	4.3
Q007351		0.29	<0.01	1.16	0.04	11	370	0.05	0.03	20.5	15.60	0.93	5.3	6	<0.05	13.3
Q007352		0.11	<0.01	0.52	2.64	22	6350	1.26	0.13	17.60	10.05	28.7	28.3	53	3.56	44.4
Q007353		0.12	<0.01	0.17	0.20	<5	870	0.16	0.03	36.6	30.5	2.66	14.2	6	0.21	7.0
Q007354		0.28	<0.01	0.05	0.25	<5	420	0.10	<0.01	37.0	18.85	1.00	15.8	5	0.06	3.7
Q007355		0.32	<0.01	0.76	0.19	1210	200	0.32	0.06	0.50	6.75	1.37	42.4	42	0.07	427
Q007356		0.14	<0.01	0.46	1.00	44	840	0.92	0.05	27.0	41.9	12.15	287	18	1.27	81.8
Q007357		0.28	<0.01	0.09	0.15	<5	630	0.10	0.01	36.7	17.15	2.05	8.9	4	0.23	4.8
Q007358		0.26	<0.01	0.04	0.22	6	1440	0.09	0.02	35.1	24.2	3.26	13.0	6	0.17	5.8
Q007359		0.28	0.01	2.49	0.99	1110	4040	0.20	0.11	0.64	35.0	12.25	138.5	127	0.93	261
Q007360		0.22	<0.01	0.17	0.07	30.7	250	0.06	0.01	0.35	3.51	0.64	10.9	46	0.08	55.7
Q007361		0.67	<0.01	0.62	0.18	142.0	160	0.09	0.02	0.22	3.43	1.59	35.5	81	0.27	45.3
Q007362		0.41	<0.01	0.83	0.19	117.0	610	0.11	0.03	0.15	5.29	2.75	71.0	148	0.18	157.0
Q007363		0.44	<0.01	0.10	0.13	2.8	90	0.09	0.01	0.35	0.47	0.64	2.9	29	0.09	9.7
Q007364		0.35	<0.01	0.12	0.12	1.8	160	<0.05	<0.01	1.04	0.78	0.79	2.6	45	0.11	4.6
Q007365		0.35	<0.01	0.12	0.12	9.9	240	0.06	0.01	0.07	1.27	0.77	9.3	69	0.12	23.4
Q007366		0.18	<0.01	4.33	0.38	425	470	0.21	0.04	0.09	2.84	1.95	69.9	199	0.40	13.2
Q007367		0.05	<0.01	2.96	0.54	779	1560	1.72	0.05	2.63	26.9	11.85	541	34	0.17	393
Q007368		0.35	<0.01	2.01	0.09	55.9	140	0.06	0.01	1.01	2.15	0.56	70.5	76	0.18	35.6
Q007369		0.29	<0.01	0.07	0.05	6	120	<0.05	0.01	11.75	1.03	0.55	1.2	43	0.08	2.1
Q007370		0.54	<0.01	0.07	0.05	4.5	150	<0.05	0.01	4.60	0.34	0.62	1.5	26	0.08	2.7
Q007371		0.45	<0.01	0.31	0.14	11.3	200	0.08	0.06	3.37	1.15	1.07	3.9	61	0.19	9.4
Q007372		0.30	<0.01	0.02	0.11	<0.2	240	<0.05	0.02	2.09	0.10	0.62	0.2	26	0.23	0.9
Q007373		0.38	<0.01	0.02	0.03	<5	70	<0.05	0.02	16.00	0.64	0.81	0.2	9	<0.05	1.0
Q007374		0.17	<0.01	0.03	0.03	0.2	40	<0.05	0.01	7.08	0.30	0.33	0.2	16	0.06	1.1
Q007375		0.14	<0.01	1.06	0.68	83.8	920	0.20	0.04	0.26	0.10	7.18	0.7	59	1.66	3.0
Q007376		0.09	<0.01	0.04	0.58	8	430	0.90	0.05	21.3	0.21	17.85	4.2	7	0.07	2.9
Q007377		0.17	<0.01	0.08	2.18	11.7	520	1.80	0.05	0.58	5.84	7.14	98.1	40	0.66	51.1
Q007378		0.19	<0.01	0.37	1.46	12.7	1900	1.63	0.06	0.34	3.67	7.51	57.1	31	0.94	123.0
Q007379		0.32	<0.01	0.33	1.11	13.3	1230	1.50	0.06	0.24	2.49	5.83	41.9	26	0.49	109.5
Q007380		0.38	<0.01	0.07	0.07	5	80	0.08	0.04	36.4	2.71	2.12	1.9	5	0.06	2.5
Q007381		0.38	<0.01	0.03	0.06	<5	130	<0.05	0.05	23.3	1.69	2.75	1.6	3	0.11	2.7
Q007382		0.12	<0.01	0.11	0.23	4.6	150	0.52	0.02	0.20	0.88	1.72	2.2	50	0.07	34.8
Q007383		0.34	<0.01	0.08	0.27	2.0	230	0.33	0.06	0.24	1.41	4.92	3.9	48	0.12	21.0
Q007384		0.25	<0.01	0.11	0.07	3.3	130	<0.05	0.02	1.39	0.83	0.64	4.5	29	0.07	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007345		0.62	0.72	0.13	0.1	0.02	0.005	0.04	5.0	1.0	0.02	111	1.83	<0.01	0.3	75.2
Q007346		0.36	0.51	0.11	0.1	0.01	0.007	0.03	4.5	0.9	0.02	121	1.22	<0.01	0.2	43.7
Q007347		0.17	0.27	0.10	<0.1	<0.1	0.005	0.01	2.2	0.8	0.04	339	0.76	<0.01	0.1	15.8
Q007348		0.43	0.25	0.07	<0.1	<0.1	<0.005	0.01	4.7	0.6	0.21	431	2.80	0.01	0.1	50.7
Q007349		0.95	0.38	<0.05	0.1	<0.1	<0.005	0.02	3.9	0.7	0.17	833	3.51	<0.01	0.1	51.7
Q007350		0.84	0.72	0.09	0.2	<0.1	<0.005	0.05	7.5	22.5	0.17	326	3.28	0.01	0.3	27.2
Q007351		0.91	0.33	0.06	<0.1	<0.1	0.007	0.01	2.3	2.1	0.09	167	1.46	<0.01	<0.1	42.8
Q007352		4.35	6.67	0.13	1.5	0.1	0.023	0.63	26.9	13.9	0.23	632	6.32	0.07	6.4	459
Q007353		0.92	0.61	0.05	0.1	<0.1	0.005	0.05	4.0	1.0	0.16	1020	2.29	0.01	0.3	50.3
Q007354		1.57	0.18	0.06	<0.1	<0.1	<0.005	0.01	2.6	0.6	0.09	401	2.32	<0.01	<0.1	45.6
Q007355		15.20	2.75	0.08	<0.1	0.07	0.030	0.05	1.4	1.1	0.01	82	277	0.01	0.1	159.5
Q007356		12.20	2.70	0.08	0.6	0.2	0.011	0.21	11.1	4.6	0.13	2640	10.85	0.02	2.0	636
Q007357		0.78	0.51	0.05	0.1	<0.1	<0.005	0.04	1.8	0.6	0.13	637	4.48	<0.01	0.3	32.9
Q007358		1.27	0.58	<0.05	0.2	<0.1	0.006	0.04	3.5	1.0	0.14	260	7.14	0.01	0.6	38.8
Q007359		41.4	3.70	0.89	0.4	4.4	0.021	0.21	18.1	3.2	0.05	486	336	0.02	1.7	713
Q007360		4.01	0.75	<0.05	<0.1	0.44	<0.005	0.01	0.8	1.1	0.01	82	51.8	<0.01	0.1	60.1
Q007361		5.33	1.18	<0.05	0.1	5.10	<0.005	0.05	1.7	1.4	0.01	166	79.5	0.01	0.4	144.0
Q007362		7.68	2.39	0.06	0.1	1.75	0.016	0.04	3.1	1.1	0.02	295	89.1	<0.01	0.6	246
Q007363		0.36	0.46	<0.05	0.1	0.09	<0.005	0.02	0.6	0.8	0.01	26	1.65	<0.01	0.1	23.0
Q007364		0.33	0.58	<0.05	<0.1	0.11	<0.005	0.02	0.8	0.8	0.01	29	1.12	<0.01	0.2	16.0
Q007365		1.41	0.96	<0.05	0.1	0.26	0.005	0.03	0.9	0.8	0.01	56	14.30	<0.01	0.2	42.1
Q007366		4.96	38.1	<0.05	0.2	5.7	0.023	0.13	1.9	2.7	0.03	229	226	0.01	0.7	400
Q007367		19.25	3.73	0.23	0.2	0.7	0.023	0.07	61.4	1.9	0.03	832	299	0.01	0.5	1800
Q007368		1.16	0.50	0.06	<0.1	0.07	<0.005	0.03	0.8	1.5	0.01	34	42.7	<0.01	0.1	131.0
Q007369		0.14	0.38	<0.05	<0.1	0.01	<0.005	0.01	1.2	0.9	0.05	39	7.44	<0.01	0.1	4.9
Q007370		0.19	0.24	<0.05	<0.1	<0.01	<0.005	0.01	0.8	0.8	0.02	41	8.96	<0.01	0.1	7.0
Q007371		0.40	0.81	0.05	0.1	0.02	<0.005	0.04	1.0	1.7	0.03	38	27.5	0.01	0.2	18.6
Q007372		0.14	0.28	<0.05	0.1	<0.01	<0.005	0.02	0.9	1.6	0.01	35	0.30	0.01	0.2	1.5
Q007373		0.04	0.19	0.06	<0.1	0.02	<0.005	0.01	2.8	0.8	0.07	42	0.30	<0.01	0.1	0.7
Q007374		0.10	0.08	<0.05	<0.1	0.04	<0.005	<0.01	0.7	0.9	0.03	41	0.42	<0.01	<0.1	1.0
Q007375		0.70	1.85	<0.05	0.2	0.27	<0.005	0.18	4.9	6.1	0.03	44	0.38	0.02	1.0	4.4
Q007376		3.00	1.16	<0.05	0.2	0.03	<0.005	0.04	6.4	5.6	8.35	605	0.14	0.35	0.9	18.0
Q007377		45.6	1.36	0.11	0.2	0.15	0.025	0.13	8.3	4.2	0.08	1100	10.75	0.01	0.7	319
Q007378		46.1	2.14	0.12	0.3	0.18	0.036	0.18	8.5	2.5	0.10	1090	6.64	0.02	0.6	161.0
Q007379		48.9	1.62	0.14	0.2	0.13	0.034	0.11	7.6	2.1	0.05	868	4.14	0.01	0.4	122.5
Q007380		0.52	0.25	<0.05	<0.1	0.03	<0.005	0.02	4.6	1.1	0.06	404	2.65	<0.01	0.1	11.9
Q007381		0.45	0.27	<0.05	<0.1	0.01	<0.005	0.02	4.3	1.2	0.08	139	0.98	<0.01	0.2	8.9
Q007382		1.14	1.05	<0.05	<0.1	0.06	0.016	0.02	3.4	1.6	0.01	29	0.66	<0.01	0.1	18.0
Q007383		0.94	1.75	<0.05	<0.1	0.06	0.011	0.03	6.1	2.2	0.01	35	0.59	<0.01	0.2	20.6
Q007384		0.44	0.25	<0.05	<0.1	0.04	<0.005	0.01	1.1	2.3	0.01	39	1.10	<0.01	0.1	11.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q007345		230	2.4	2.5	0.006	0.09	1.12	0.9	<1	<0.2	72.9	<0.05	<0.05	0.3	0.009	0.16
Q007346		330	1.2	1.6	0.006	0.10	0.58	0.5	<1	<0.2	127.0	<0.05	<0.05	0.2	0.006	0.06
Q007347		140	0.5	0.6	0.005	0.11	0.22	0.5	1	<0.2	160.5	<0.05	<0.05	<0.2	<0.005	0.02
Q007348		160	1.0	0.7	0.007	0.04	0.87	0.4	1	<0.2	146.0	<0.05	<0.05	0.2	<0.005	0.04
Q007349		250	1.0	1.3	0.004	0.09	1.25	0.6	1	<0.2	154.0	<0.05	<0.05	0.2	<0.005	0.66
Q007350		950	1.4	2.2	0.005	0.01	0.42	1.0	1	<0.2	188.0	<0.05	<0.05	0.4	0.008	0.11
Q007351		170	3.4	0.2	0.007	0.01	2.87	0.5	2	<0.2	85.8	<0.05	<0.05	<0.2	<0.005	0.04
Q007352		2150	10.6	35.6	0.006	0.13	6.50	8.4	2	0.9	203	0.40	0.18	4.3	0.164	1.22
Q007353		140	1.6	2.9	0.004	0.01	1.44	1.1	2	<0.2	155.0	<0.05	<0.05	0.3	0.009	0.64
Q007354		190	0.7	0.4	0.005	0.01	0.52	0.7	2	<0.2	91.3	<0.05	<0.05	<0.2	<0.005	0.04
Q007355		930	18.8	1.9	0.007	0.15	68.9	0.7	3	0.2	16.3	<0.05	0.28	2.5	<0.005	0.86
Q007356		1290	11.8	12.3	0.005	<0.01	10.40	7.7	2	0.2	108.0	0.11	0.15	1.6	0.048	3.33
Q007357		250	0.7	2.1	0.004	<0.01	0.63	1.1	1	<0.2	146.0	<0.05	<0.05	0.3	0.007	0.61
Q007358		660	1.6	2.3	0.005	<0.01	1.02	1.4	2	<0.2	309	<0.05	<0.05	0.4	0.016	0.14
Q007359		3880	22.5	11.4	0.007	0.07	24.6	1.4	177	0.5	130.0	0.10	0.96	2.1	0.040	2.32
Q007360		360	1.0	0.8	0.006	0.02	1.37	0.4	2	<0.2	4.7	<0.05	<0.05	0.2	<0.005	0.16
Q007361		270	3.7	2.9	0.006	0.02	5.97	0.5	3	<0.2	4.4	<0.05	0.11	0.3	0.008	0.38
Q007362		790	7.9	2.3	0.005	0.04	11.65	1.3	6	<0.2	12.7	<0.05	0.40	0.5	0.008	0.50
Q007363		50	<0.5	1.2	0.009	<0.01	0.30	0.2	1	<0.2	2.8	<0.05	<0.05	<0.2	<0.005	0.07
Q007364		70	0.5	1.6	0.011	0.01	0.23	0.2	<1	<0.2	6.4	<0.05	<0.05	0.2	0.005	0.14
Q007365		180	0.5	1.8	0.011	0.01	0.41	0.2	<1	<0.2	5.2	<0.05	<0.05	0.2	0.005	0.26
Q007366		260	3.6	7.3	0.017	0.04	36.8	0.4	10	0.7	6.0	0.05	0.08	0.4	0.020	0.93
Q007367		>10000	19.3	3.6	0.010	0.05	21.9	1.9	23	0.7	71.0	<0.05	1.45	0.9	0.012	1.58
Q007368		140	7.8	2.0	0.028	0.01	6.43	0.2	21	<0.2	4.7	<0.05	0.46	<0.2	<0.005	0.13
Q007369		30	0.8	1.0	0.011	0.01	0.38	0.2	<1	<0.2	56.8	<0.05	<0.05	<0.2	<0.005	0.06
Q007370		260	0.9	0.7	0.007	0.01	0.69	0.2	1	<0.2	24.5	<0.05	<0.05	<0.2	<0.005	0.06
Q007371		190	3.0	2.8	0.011	0.02	2.84	0.3	1	0.3	19.0	<0.05	0.21	0.2	0.007	0.17
Q007372		50	0.5	1.2	0.005	0.01	0.34	0.1	<1	0.2	14.3	<0.05	<0.05	<0.2	0.005	0.03
Q007373		220	<0.5	0.5	0.004	0.01	0.14	0.1	<1	<0.2	56.6	<0.05	<0.05	<0.2	<0.005	<0.02
Q007374		30	<0.5	0.3	0.004	0.01	0.31	0.1	<1	<0.2	22.3	<0.05	<0.05	<0.2	<0.005	<0.02
Q007375		100	2.3	9.0	0.004	0.09	0.62	0.9	2	0.3	41.5	<0.05	<0.05	0.7	0.028	0.13
Q007376		90	14.9	2.3	0.003	<0.01	0.13	0.9	1	0.3	470	0.06	<0.05	1.2	0.023	<0.02
Q007377		800	3.4	7.5	0.006	0.03	0.78	8.9	3	0.2	25.9	<0.05	<0.05	0.9	0.017	0.23
Q007378		1220	4.7	10.9	0.006	0.09	0.76	8.6	5	0.3	20.9	<0.05	<0.05	1.3	0.018	0.80
Q007379		1520	4.2	6.4	0.010	0.09	0.56	8.0	4	0.2	12.3	<0.05	0.07	1.3	0.011	0.64
Q007380		120	1.5	1.2	0.006	<0.01	0.21	0.9	1	<0.2	59.3	<0.05	0.56	0.3	<0.005	0.03
Q007381		160	1.7	1.2	0.007	<0.01	0.25	0.4	1	0.2	94.6	<0.05	0.12	0.3	<0.005	0.04
Q007382		320	1.9	1.0	0.006	0.03	0.53	2.2	1	0.2	6.6	<0.05	0.15	0.2	<0.005	0.10
Q007383		270	1.6	1.5	0.005	0.02	0.62	1.0	1	0.2	5.7	<0.05	0.21	0.3	<0.005	0.12
Q007384		110	0.9	0.6	0.003	0.01	0.26	0.1	1	<0.2	16.1	<0.05	<0.05	<0.2	<0.005	0.06

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126597

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q007345		2.3	30	0.1	7.5	373	4.5
Q007346		3.5	19	0.1	6.2	215	3.4
Q007347		3.6	12	<0.1	6.3	115	1.5
Q007348		3.4	20	<0.1	12.9	277	1.8
Q007349		1.6	22	<0.1	13.5	500	2.6
Q007350		3.0	33	0.1	26.9	452	5.1
Q007351		2.0	43	0.1	8.4	329	2.0
Q007352		8.3	176	0.8	58.7	1980	52.1
Q007353		4.4	30	0.1	14.4	444	4.3
Q007354		3.0	20	<0.1	48.0	403	1.2
Q007355		3.3	64	0.6	9.3	807	1.7
Q007356		4.3	110	0.4	56.0	4980	26.7
Q007357		2.0	30	0.1	16.8	498	3.7
Q007358		1.8	33	0.1	24.2	449	5.7
Q007359		4.9	325	0.3	16.6	4800	14.7
Q007360		0.7	41	<0.1	4.3	378	2.1
Q007361		0.8	141	0.3	3.9	808	4.6
Q007362		2.2	210	0.7	11.7	1490	9.3
Q007363		0.4	9	<0.1	2.6	66	2.7
Q007364		0.4	13	<0.1	2.4	54	3.4
Q007365		0.5	32	0.1	2.2	227	3.6
Q007366		1.4	227	0.4	2.1	1150	6.3
Q007367		18.9	571	0.7	157.0	3270	8.3
Q007368		5.0	93	0.2	1.9	82	1.9
Q007369		0.7	26	<0.1	4.2	24	1.7
Q007370		1.5	18	<0.1	3.8	34	1.4
Q007371		1.7	64	0.1	3.0	92	2.6
Q007372		0.9	3	<0.1	1.2	5	2.0
Q007373		1.4	6	<0.1	6.2	6	0.7
Q007374		0.4	6	<0.1	2.4	4	<0.5
Q007375		0.3	37	0.3	2.3	17	11.0
Q007376		4.2	4	0.1	6.2	145	7.6
Q007377		8.0	61	0.1	45.6	1600	7.9
Q007378		7.0	46	0.2	29.0	1200	10.0
Q007379		5.8	39	0.1	22.6	968	7.7
Q007380		3.3	14	<0.1	13.9	89	1.7
Q007381		1.8	10	<0.1	6.8	49	1.6
Q007382		3.7	26	<0.1	7.7	153	1.0
Q007383		2.1	32	<0.1	10.8	95	2.0
Q007384		0.4	11	<0.1	2.5	43	1.2

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126597

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q007385		0.14	<0.01	0.21	0.62	47	1020	0.51	0.05	23.2	66.6	8.37	64.4	22	0.52	13.7
Q007386		0.06	<0.01	0.14	0.64	5	6570	0.27	0.04	34.3	39.5	8.17	23.5	15	0.58	5.7
Q007387		0.20	<0.01	0.24	0.36	71.7	150	0.37	0.01	9.01	33.4	2.43	15.5	10	0.15	83.7
Q005729		0.21	<0.01	0.02	0.16	3.7	100	0.11	0.02	0.90	2.90	2.59	5.0	20	0.14	5.5
Q005730		0.43	<0.01	0.02	3.71	3.4	230	0.66	0.52	0.07	0.15	42.1	17.9	42	0.95	14.3
Q005731		0.24	<0.01	0.05	0.06	<0.2	180	<0.05	0.02	2.27	0.54	0.39	6.3	18	0.13	1.4
Q005732		0.20	<0.01	0.03	0.31	<5	1920	0.25	0.03	35.7	40.1	5.75	5.0	9	0.07	18.6
Q005733		0.27	<0.01	0.02	0.07	<5	200	0.11	0.02	37.7	15.20	1.56	2.2	3	<0.05	7.1
Q005734		0.23	<0.01	0.07	0.82	<5	1080	0.22	0.03	20.3	7.03	8.05	3.5	6	0.32	14.3
Q005735		0.16	<0.01	0.16	0.05	16	150	<0.05	0.01	18.35	6.65	0.67	4.5	16	0.06	3.5
Q005736		0.15	<0.01	0.07	0.26	12	580	0.21	0.02	37.3	16.65	2.89	5.0	10	0.16	11.1
Q005737		0.44	<0.01	0.11	0.13	5	400	0.08	0.06	25.7	5.07	2.51	1.2	22	0.12	4.6
Q005738		0.10	<0.01	0.12	0.24	18	440	0.22	0.02	34.1	10.90	3.66	10.0	7	0.31	4.7
Q005739		0.24	<0.01	0.22	0.54	24	930	0.19	0.05	30.0	56.1	8.46	24.5	22	0.49	9.2
Q005740		0.15	<0.01	0.18	1.67	41.9	4850	3.49	0.09	1.27	3.39	13.10	96.4	347	1.47	53.5
Q005741		0.34	<0.01	0.42	0.09	43.8	130	0.06	0.02	0.50	2.25	1.16	12.6	31	0.09	33.1
Q005742		0.65	<0.01	1.02	0.18	77.5	230	0.06	0.05	0.14	2.56	1.70	19.8	62	0.13	56.7
Q005743		0.15	<0.01	0.61	0.20	64.2	170	0.07	0.07	0.10	2.13	2.24	8.1	81	0.21	26.3
Q005813		0.31	<0.01	0.06	0.76	13.8	360	0.10	0.06	0.03	0.05	13.15	2.2	25	0.26	7.8
Q005814		0.25	<0.01	0.02	0.85	2.9	50	0.14	0.04	0.04	0.04	24.3	3.3	20	0.12	2.2
Q005815		0.62	<0.01	0.30	0.26	<5	220	0.15	0.02	25.9	0.56	10.50	1.2	8	0.16	3.2
Q005816		0.66	<0.01	0.07	0.61	26	40	0.20	0.06	10.65	0.02	51.4	3.7	21	0.50	6.0
Q005817		0.45	<0.01	0.10	0.44	<5	100	0.20	0.02	33.6	0.31	5.96	1.0	13	0.51	4.5

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Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126597

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q007385		8.37	1.76	<0.05	0.3	0.11	<0.005	0.17	9.1	6.3	0.09	971	19.85	0.01	1.0	586
Q007386		1.52	1.73	<0.05	0.3	0.04	<0.005	0.20	6.8	2.8	0.17	608	6.27	0.01	1.3	125.0
Q007387		2.24	0.65	0.09	0.1	0.11	0.005	0.04	3.4	0.9	0.04	87	8.69	<0.01	0.2	194.0
Q005729		0.60	0.51	<0.05	0.1	0.01	<0.005	0.04	4.8	1.7	0.29	454	0.71	0.01	0.1	22.0
Q005730		5.95	9.05	<0.05	0.9	0.01	0.028	0.27	18.2	107.0	0.51	1230	2.26	0.02	4.6	24.7
Q005731		0.18	0.14	<0.05	<0.1	<0.01	<0.005	0.01	0.5	1.4	0.01	562	0.33	<0.01	0.1	9.8
Q005732		1.07	0.34	<0.05	0.1	0.03	<0.005	0.02	8.7	1.8	0.05	276	6.02	<0.01	0.3	59.8
Q005733		0.38	0.15	<0.05	<0.1	0.02	<0.005	0.01	2.5	1.5	0.05	377	2.64	<0.01	0.1	23.0
Q005734		0.70	1.12	<0.05	0.1	0.03	<0.005	0.13	7.0	51.1	0.10	161	6.51	0.01	0.3	52.8
Q005735		0.34	0.37	<0.05	<0.1	0.03	<0.005	0.01	1.2	0.6	0.08	90	6.55	<0.01	0.1	34.3
Q005736		0.80	0.36	<0.05	0.1	0.01	<0.005	0.03	3.3	1.3	0.13	210	7.38	<0.01	0.1	73.6
Q005737		0.24	0.52	0.05	0.1	0.04	<0.005	0.04	2.8	0.6	0.09	167	3.96	<0.01	0.2	14.0
Q005738		1.92	0.67	<0.05	0.1	0.03	<0.005	0.06	5.8	2.4	0.06	297	23.8	<0.01	0.4	130.0
Q005739		3.91	1.42	<0.05	0.3	0.08	<0.005	0.12	14.1	4.9	0.06	405	58.8	0.01	0.9	280
Q005740		17.80	4.34	<0.05	0.4	0.11	0.083	0.23	14.7	2.5	0.08	937	47.2	0.02	1.3	637
Q005741		1.93	0.49	<0.05	<0.1	0.07	<0.005	0.02	1.5	0.9	0.01	104	4.37	<0.01	0.1	63.7
Q005742		2.00	3.54	<0.05	0.1	0.15	0.033	0.03	3.1	1.8	0.01	36	11.20	0.01	0.2	57.3
Q005743		2.65	0.99	<0.05	0.1	0.08	<0.005	0.05	2.5	1.9	0.01	74	11.50	<0.01	0.3	61.1
Q005813		1.69	1.34	<0.05	0.5	0.31	<0.005	0.11	6.3	10.6	0.02	78	2.40	0.26	1.3	4.4
Q005814		2.59	2.09	<0.05	1.2	0.03	<0.005	0.03	10.2	54.9	0.18	1220	2.06	0.01	1.3	3.6
Q005815		0.84	0.72	<0.05	0.2	0.05	<0.005	0.12	7.3	3.2	0.27	63	1.82	0.01	0.5	11.3
Q005816		2.78	1.66	<0.05	1.7	0.04	<0.005	0.23	20.8	4.8	0.13	773	0.53	0.01	3.5	14.5
Q005817		0.29	1.09	0.13	0.2	0.02	<0.005	0.21	4.3	2.2	0.24	61	0.75	0.01	0.8	10.0

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126597

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007385		720	3.5	9.3	0.007	<0.01	2.89	4.0	6	0.3	85.3	0.06	0.05	1.0	0.025	0.34
Q007386		520	2.5	11.3	0.005	0.15	1.36	2.5	1	0.2	139.5	0.08	<0.05	1.0	0.034	0.19
Q007387		890	3.4	2.2	0.002	0.03	2.14	0.4	9	<0.2	37.4	<0.05	0.13	0.2	0.006	0.14
Q005729		500	1.4	2.2	0.004	0.01	0.37	1.5	1	<0.2	13.2	<0.05	<0.05	0.2	<0.005	0.07
Q005730		150	278	15.3	0.003	<0.01	1.41	7.1	1	1.1	26.4	0.31	0.06	5.6	0.142	0.06
Q005731		100	0.7	0.5	0.004	<0.01	0.12	0.1	<1	<0.2	14.8	<0.05	<0.05	<0.2	<0.005	0.13
Q005732		1130	1.6	1.0	0.005	<0.01	0.36	1.4	4	<0.2	119.5	<0.05	<0.05	0.4	0.007	0.02
Q005733		260	<0.5	0.5	0.003	<0.01	0.20	0.5	1	<0.2	41.4	<0.05	<0.05	<0.2	<0.005	<0.02
Q005734		460	1.4	6.9	0.003	<0.01	0.55	1.2	1	0.2	232	<0.05	<0.05	0.5	0.010	0.11
Q005735		110	0.9	0.7	0.011	<0.01	0.60	0.2	3	<0.2	98.1	<0.05	<0.05	<0.2	<0.005	0.07
Q005736		790	1.2	2.0	0.003	0.01	0.32	0.7	1	<0.2	149.5	<0.05	<0.05	0.2	<0.005	0.06
Q005737		180	2.2	2.3	0.013	<0.01	0.79	1.4	4	0.2	108.5	<0.05	0.15	0.3	0.005	0.06
Q005738		480	1.4	3.6	0.003	<0.01	1.30	1.6	2	<0.2	62.9	<0.05	<0.05	0.4	0.009	0.07
Q005739		1960	3.7	7.2	0.004	<0.01	2.53	1.5	3	0.3	75.2	0.05	0.05	1.1	0.022	0.14
Q005740		1620	4.5	14.8	0.007	0.17	1.03	8.7	7	0.3	80.1	0.07	0.06	2.0	0.049	0.43
Q005741		260	4.1	1.2	0.004	0.02	3.50	0.3	1	<0.2	3.1	<0.05	<0.05	0.2	<0.005	0.10
Q005742		670	20.2	1.6	0.008	0.08	13.05	0.1	2	0.6	19.5	<0.05	0.32	0.2	<0.005	0.56
Q005743		350	20.5	3.0	0.005	0.02	6.66	0.2	2	0.2	2.4	<0.05	0.09	0.4	0.008	0.18
Q005813		80	6.3	5.5	0.005	0.55	0.49	0.9	1	0.3	26.8	0.26	<0.05	1.7	0.105	0.05
Q005814		270	16.8	1.8	0.003	0.01	0.28	1.1	<1	0.3	12.3	0.10	<0.05	5.1	0.042	<0.02
Q005815		360	1.6	4.8	0.006	0.10	0.42	0.9	1	0.2	297	<0.05	<0.05	0.6	0.017	0.02
Q005816		250	38.3	10.1	0.004	2.09	1.61	2.2	2	0.3	80.0	0.22	<0.05	4.4	0.125	0.18
Q005817		230	1.5	7.4	0.002	0.03	0.39	1.0	1	0.2	321	0.05	<0.05	0.5	0.027	0.07

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126597

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q007385		8.4	92	0.2	43.9	4110	11.6
Q007386		7.5	61	0.2	17.6	710	11.5
Q007387		4.5	46	0.1	18.8	697	3.4
Q005729		1.4	45	<0.1	12.8	59	2.6
Q005730		1.0	30	0.6	7.4	78	32.0
Q005731		0.4	4	<0.1	1.3	26	1.1
Q005732		5.7	23	<0.1	33.5	706	3.7
Q005733		4.3	13	<0.1	16.8	221	1.3
Q005734		1.3	26	0.1	15.6	278	4.3
Q005735		2.0	31	<0.1	4.3	76	1.2
Q005736		7.7	24	<0.1	13.3	425	2.5
Q005737		3.2	47	<0.1	9.2	78	2.6
Q005738		7.4	59	0.1	22.7	1010	6.2
Q005739		12.6	69	0.1	36.2	2760	10.3
Q005740		8.4	157	0.1	31.2	2910	15.9
Q005741		1.0	44	0.1	5.1	244	1.7
Q005742		2.2	204	0.4	3.9	392	2.9
Q005743		1.2	74	0.2	2.3	244	3.6
Q005813		0.6	21	0.4	2.2	15	15.2
Q005814		0.8	6	0.2	7.5	35	41.3
Q005815		1.2	21	0.1	8.5	37	5.5
Q005816		1.2	15	0.4	13.3	6	60.0
Q005817		1.8	28	0.1	4.3	43	7.0

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 1-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13126597

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE WH13130962

Project: Nadaleen
P.O. No.: R13-18
This report is for 43 Rock samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130962

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007388		0.40	<0.01	0.03	0.17	2.0	130	<0.05	0.04	0.02	0.06	1.44	0.4	13	0.21	3.7
Q007389		0.51	<0.01	0.03	0.17	2.5	150	<0.05	0.06	0.01	0.05	1.52	0.5	22	0.26	3.9
Q007390		0.36	<0.01	0.04	0.15	1.4	120	<0.05	0.05	0.01	0.04	1.31	0.5	12	0.21	3.7
Q007391		0.22	<0.01	0.03	0.27	2.3	140	0.07	0.03	0.01	0.05	2.31	0.7	10	0.29	5.3
Q007392		0.21	0.01	0.24	6.09	11.2	2600	2.03	0.32	0.04	0.39	63.8	5.7	97	11.00	70.4
Q007393		0.29	0.01	0.82	2.35	35.8	1760	0.84	0.13	0.02	0.14	25.1	2.2	60	2.84	14.4
Q007394		0.26	0.01	0.77	6.36	11.4	2660	2.13	0.32	0.04	0.54	66.6	8.2	97	10.45	79.1
Q007395		0.04	<0.01	0.04	0.34	3.6	260	0.10	0.05	0.01	0.04	2.55	1.4	12	0.34	14.8
Q007396		0.40	<0.01	0.01	0.36	0.9	120	0.06	0.03	0.01	0.04	1.89	4.4	8	0.21	2.4
Q007397		0.22	<0.01	0.98	2.31	21.8	1810	1.11	0.09	0.04	0.19	24.4	3.8	60	3.38	36.8
Q007398		0.21	<0.01	1.42	2.22	16.8	3680	1.04	0.09	0.02	0.12	20.7	1.6	57	2.59	29.0
Q007399		0.09	0.01	1.69	6.16	44.2	2790	1.78	0.30	0.15	0.26	69.3	9.9	106	8.22	105.0
Q007400		0.25	0.01	1.16	5.97	36.3	1920	1.83	0.31	0.16	0.32	62.9	8.5	105	9.94	55.4
Q007401		0.18	0.02	4.37	6.27	62.6	2000	2.01	0.35	0.22	0.44	64.0	6.7	105	16.40	75.6
Q007402		0.08	0.01	1.41	5.47	110.5	1980	1.78	0.30	0.35	1.06	61.2	20.3	104	16.45	54.7
Q007403		0.26	0.03	1.04	7.38	227	2110	3.02	0.40	0.55	8.49	83.3	118.0	106	18.40	265
Q007404		0.19	0.01	1.29	4.42	102.0	2470	1.58	0.20	0.05	0.43	51.4	3.9	99	7.82	32.5
Q007405		0.18	0.01	1.66	4.89	40.7	1980	1.69	0.27	0.18	0.71	54.3	3.9	101	12.80	36.8
Q007406		0.61	<0.01	0.38	1.40	218	2620	0.41	0.05	0.01	0.13	12.50	0.9	33	1.12	8.1
Q007407		0.69	<0.01	1.89	1.01	572	690	0.45	0.04	0.01	0.16	9.89	1.0	28	0.74	16.1
Q007408		0.30	0.01	2.18	4.48	1090	2470	1.52	0.35	0.11	1.00	79.8	0.5	160	7.35	130.0
Q007409		0.19	0.01	2.68	6.00	3980	1600	3.38	0.26	0.33	2.27	53.7	9.6	97	9.68	236
Q007410		0.44	<0.01	0.43	0.99	191.0	6150	0.28	0.07	0.01	0.06	10.35	0.2	40	0.64	10.6
Q007411		0.42	0.01	0.99	5.59	63.6	5420	2.11	0.26	0.21	1.45	56.2	7.2	102	16.65	114.5
Q007412		0.16	0.01	1.04	4.91	43.9	3370	2.06	0.23	0.16	0.82	55.5	5.8	100	13.65	68.9
Q007413		0.33	<0.01	0.11	0.20	149	110	0.35	0.11	24.8	0.16	2.02	1.4	3	0.21	4.2
Q007414		0.23	0.01	0.27	5.76	269	1340	1.26	0.27	0.07	0.17	69.4	2.9	78	18.40	14.8
Q007415		0.13	<0.01	0.29	5.02	235	1310	1.05	0.27	0.25	0.18	69.0	2.5	71	12.25	11.0
Q007416		0.42	0.02	2.10	3.92	46.1	1320	1.35	0.20	0.04	0.12	60.1	0.5	144	7.30	28.7
Q005818		0.34	<0.01	0.85	1.16	33.3	1690	2.26	0.02	0.15	176.5	3.36	213	16	0.32	513
Q005819		0.16	<0.01	1.37	1.41	49.1	2110	2.65	0.02	0.10	100.5	4.95	138.0	26	0.41	458
Q005820		0.36	<0.01	0.69	0.07	33.9	120	0.05	0.05	6.77	2.94	0.48	8.2	64	0.08	32.5
Q005744		0.25	<0.01	2.37	0.05	41.4	330	0.14	0.05	0.15	2.70	0.63	14.8	45	0.10	56.1
Q005745		0.16	0.01	2.04	0.57	1305	2870	1.07	0.05	0.18	31.5	5.70	67.9	29	0.65	41.1
Q005746		0.17	0.01	3.54	0.59	1445	2820	0.83	0.05	0.18	27.6	4.90	69.0	25	0.78	43.8
Q005747		0.11	<0.01	3.24	0.77	26.0	960	0.26	0.05	0.05	0.86	4.61	1.5	19	0.86	15.7
Q005748		0.14	<0.01	1.75	0.39	28.1	4200	0.09	0.03	0.01	0.64	1.62	1.3	7	0.14	12.8
Q005749		0.11	<0.01	0.13	0.91	14.2	750	0.27	0.06	0.03	0.34	6.23	0.7	27	1.03	10.6
Q005750		0.18	<0.01	0.09	0.67	19.8	3010	0.35	0.08	0.04	1.29	7.10	2.0	11	0.97	20.6
Q005751		0.11	0.01	1.07	2.11	57.1	6930	6.74	0.05	0.27	108.5	16.85	47.7	48	1.17	292

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130962

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007388		0.34	0.44	<0.05	0.1	0.01	<0.005	0.05	0.8	13.5	0.01	37	0.26	0.02	0.4	3.2
Q007389		0.34	0.44	<0.05	0.1	0.02	<0.005	0.05	0.8	13.8	0.01	36	0.27	0.01	0.4	3.2
Q007390		0.35	0.36	<0.05	0.1	0.02	<0.005	0.05	0.7	13.9	0.01	36	0.21	0.01	0.3	2.9
Q007391		0.44	0.67	<0.05	0.1	0.01	<0.005	0.08	1.3	18.5	0.02	35	0.33	0.03	0.6	5.7
Q007392		2.74	18.20	0.14	3.1	0.07	0.051	2.64	36.6	26.3	0.54	86	4.19	0.32	16.9	42.1
Q007393		1.60	7.23	0.09	1.3	0.20	0.012	1.01	14.1	16.6	0.19	30	6.52	0.21	6.2	29.8
Q007394		2.55	17.95	0.14	3.1	0.15	0.055	2.66	38.2	33.5	0.62	113	4.47	0.43	17.3	42.5
Q007395		1.49	0.91	0.05	0.1	0.03	<0.005	0.09	1.3	41.1	0.02	138	0.68	0.02	0.6	9.1
Q007396		0.74	1.19	<0.05	<0.1	0.01	<0.005	0.04	0.7	28.4	0.06	578	0.17	0.01	0.2	7.7
Q007397		2.05	7.82	0.07	1.3	0.14	0.022	0.77	13.8	10.4	0.15	114	4.86	0.12	7.6	34.0
Q007398		1.42	7.59	0.09	1.3	0.11	0.008	0.78	12.3	12.1	0.13	36	3.58	0.06	7.3	24.5
Q007399		5.05	17.70	0.16	3.4	0.35	0.077	2.00	38.6	34.5	0.75	248	7.39	0.45	17.4	37.7
Q007400		4.59	17.60	0.16	2.9	0.23	0.065	1.92	35.0	32.7	0.67	266	6.97	0.44	16.8	28.9
Q007401		6.64	17.25	0.18	2.5	0.80	0.080	1.86	35.2	31.5	0.62	247	8.33	0.45	14.3	31.1
Q007402		5.06	16.10	0.15	2.6	0.31	0.057	1.84	34.7	27.4	0.58	877	6.93	0.50	16.1	53.9
Q007403		6.01	19.40	0.29	3.2	1.96	0.076	1.86	42.0	32.7	0.80	6110	17.10	0.78	13.3	242
Q007404		2.30	13.05	0.15	2.6	0.67	0.030	1.71	31.9	16.0	0.34	136	7.41	0.10	16.4	33.6
Q007405		3.20	15.20	0.14	2.4	0.23	0.050	1.81	31.2	22.3	0.41	155	7.60	0.33	16.9	29.4
Q007406		1.05	3.28	0.08	0.5	0.20	0.021	0.51	7.2	24.3	0.04	28	2.12	0.02	3.2	24.7
Q007407		1.10	2.23	0.05	0.4	2.63	0.021	0.34	5.5	27.9	0.03	32	2.09	0.01	2.6	17.7
Q007408		1.78	15.35	0.26	3.0	2.86	0.021	1.54	56.6	17.9	0.22	14	28.3	0.04	10.6	28.9
Q007409		7.60	13.15	0.24	2.3	0.95	0.135	1.69	30.6	19.2	0.23	118	20.1	0.06	10.7	173.0
Q007410		0.49	2.02	0.07	0.5	0.30	0.006	0.37	6.1	14.0	0.03	23	1.18	<0.01	3.3	5.9
Q007411		3.21	15.85	0.16	2.7	1.06	0.046	1.99	33.3	30.4	0.53	199	9.83	0.18	14.1	67.3
Q007412		2.83	14.05	0.13	2.5	0.84	0.054	1.88	29.6	30.5	0.43	146	7.77	0.14	14.8	43.0
Q007413		0.94	0.51	0.07	0.1	0.56	<0.005	0.07	1.0	1.2	9.56	528	0.47	0.01	0.3	8.1
Q007414		1.57	16.60	0.17	3.1	0.81	0.028	2.43	39.2	12.9	0.42	38	4.10	0.06	20.6	20.2
Q007415		1.59	15.95	0.18	3.0	0.51	0.030	1.95	37.2	13.9	0.37	92	3.02	0.31	19.3	15.1
Q007416		4.35	16.40	0.18	2.8	0.49	0.046	1.61	35.5	25.6	0.25	11	18.10	0.02	15.9	17.4
Q005818		42.8	1.75	0.78	0.3	0.13	0.018	0.05	2.6	3.3	0.03	3960	33.5	0.01	0.9	1410
Q005819		40.2	2.46	0.86	0.4	0.10	0.022	0.09	4.0	4.2	0.02	2280	64.6	0.01	0.8	1110
Q005820		0.99	1.25	0.05	<0.1	0.06	0.023	0.01	0.6	1.0	0.13	106	4.88	0.01	0.2	54.9
Q005744		2.08	1.21	0.06	<0.1	0.22	<0.005	0.01	0.6	0.6	0.01	123	2.13	<0.01	0.1	88.1
Q005745		40.6	2.44	0.50	0.2	0.35	0.059	0.11	8.0	1.9	0.04	653	1340	0.02	0.9	2430
Q005746		39.2	2.92	0.51	0.2	0.36	0.061	0.13	5.2	1.8	0.04	622	1820	0.02	0.9	2190
Q005747		0.99	1.73	0.07	0.2	0.08	<0.005	0.16	2.8	7.3	0.04	52	23.5	0.01	0.7	44.8
Q005748		0.89	0.63	0.07	0.1	0.06	<0.005	0.02	0.8	5.8	0.01	43	24.6	<0.01	0.3	30.9
Q005749		0.73	2.00	0.10	0.4	0.02	<0.005	0.19	3.4	19.6	0.05	41	13.65	0.01	1.0	21.4
Q005750		1.46	1.97	0.08	0.4	0.03	0.007	0.21	3.5	2.1	0.06	19	7.59	<0.01	1.1	46.5
Q005751		41.8	2.06	0.65	0.5	0.37	0.012	0.23	20.9	3.8	0.05	422	146.5	0.02	1.6	2640

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130962

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007388		70	1.8	2.3	<0.002	<0.01	0.28	0.4	1	<0.2	39.2	<0.05	<0.05	0.3	0.009	0.03
Q007389		80	2.2	2.5	0.002	<0.01	0.28	0.4	1	<0.2	40.1	<0.05	<0.05	0.3	0.009	0.04
Q007390		60	1.6	2.2	<0.002	0.01	0.31	0.3	<1	<0.2	34.2	<0.05	<0.05	0.2	0.007	0.02
Q007391		80	1.7	4.3	<0.002	<0.01	0.27	0.5	1	<0.2	40.7	<0.05	<0.05	0.4	0.014	0.04
Q007392		710	17.4	132.5	0.006	0.02	3.77	12.1	3	2.0	76.9	1.02	0.10	8.3	0.371	0.94
Q007393		440	26.9	47.1	0.002	0.20	8.57	4.6	5	0.7	59.1	0.39	0.05	3.1	0.145	0.66
Q007394		820	17.4	129.0	0.005	0.06	3.97	12.3	4	2.0	77.6	1.04	0.14	10.1	0.381	1.03
Q007395		190	2.7	4.6	0.002	0.01	0.46	0.7	1	<0.2	38.9	<0.05	<0.05	0.4	0.015	0.06
Q007396		70	1.0	3.0	<0.002	<0.01	0.14	0.3	1	<0.2	5.7	<0.05	<0.05	0.2	0.006	0.04
Q007397		690	8.8	38.3	0.002	0.27	7.88	4.6	5	0.9	53.4	0.46	0.06	3.1	0.122	0.46
Q007398		550	7.7	36.6	0.003	0.27	3.33	3.9	4	0.8	77.6	0.46	<0.05	2.9	0.110	0.38
Q007399		930	20.2	103.5	0.005	0.33	7.30	13.7	7	2.0	125.0	1.07	0.15	10.9	0.432	1.45
Q007400		880	22.6	104.5	0.004	0.34	5.08	12.4	5	2.0	115.5	1.02	0.15	9.6	0.413	1.45
Q007401		1510	23.6	105.5	<0.002	0.53	7.49	11.8	8	2.2	164.0	0.88	0.17	11.9	0.347	1.92
Q007402		1470	25.6	97.5	0.003	0.39	5.57	10.7	5	1.9	137.0	1.02	0.11	9.8	0.360	1.78
Q007403		2240	47.9	106.0	0.003	0.30	12.00	30.2	10	2.2	188.5	0.90	0.11	14.3	0.367	2.54
Q007404		980	35.4	83.0	0.006	0.30	5.05	7.8	6	1.5	115.5	0.95	0.11	7.3	0.301	1.16
Q007405		870	18.9	99.6	0.003	0.28	4.92	9.2	4	1.9	188.0	1.00	0.09	7.8	0.343	1.47
Q007406		680	3.5	19.6	<0.002	0.10	2.38	4.1	2	0.4	47.8	0.18	<0.05	2.3	0.050	0.48
Q007407		560	25.2	13.0	0.003	0.08	5.11	3.7	2	0.3	37.4	0.14	<0.05	1.9	0.041	0.39
Q007408		5520	72.3	86.0	0.029	0.26	17.35	8.1	21	1.7	741	0.71	0.29	12.3	0.265	7.01
Q007409		5330	170.0	84.6	0.012	0.32	14.05	22.1	11	1.4	410	0.62	0.19	10.1	0.251	4.32
Q007410		310	9.7	13.2	0.002	0.17	1.41	2.1	2	0.3	77.5	0.17	<0.05	1.9	0.052	0.38
Q007411		1430	19.0	112.5	0.014	0.29	5.79	12.1	7	1.8	144.0	0.88	0.16	8.0	0.320	6.86
Q007412		1330	18.9	84.4	0.007	0.30	5.13	10.1	5	1.7	144.5	1.04	0.11	8.3	0.302	3.21
Q007413		150	1.7	2.9	0.002	0.01	0.26	0.5	<1	<0.2	134.0	<0.05	<0.05	0.4	0.008	0.43
Q007414		390	26.6	126.0	0.003	0.08	6.09	8.2	1	1.9	80.9	1.26	0.09	7.9	0.423	1.96
Q007415		410	20.7	113.0	0.003	0.05	3.82	7.7	1	2.0	99.1	1.19	0.07	9.0	0.460	1.41
Q007416		1740	11.9	84.2	0.009	0.77	7.43	7.3	13	1.5	390	0.91	0.23	7.6	0.253	1.55
Q005818		5550	<0.5	2.6	0.013	0.13	16.75	9.7	131	0.2	45.7	0.05	0.05	0.4	0.011	0.07
Q005819		7380	0.8	4.1	0.020	0.18	29.1	11.4	175	0.2	66.9	0.05	0.05	0.7	0.012	0.08
Q005820		110	9.3	0.8	0.010	0.06	6.41	0.2	3	0.5	54.0	<0.05	0.15	<0.2	<0.005	0.11
Q005744		440	8.1	0.8	0.002	0.15	10.55	0.4	3	0.2	7.1	<0.05	0.09	<0.2	<0.005	0.25
Q005745		630	26.8	5.6	0.006	0.14	69.9	1.6	32	0.6	22.0	<0.05	0.22	0.7	0.016	4.16
Q005746		590	36.8	6.3	0.006	0.14	110.0	1.4	30	0.5	22.3	<0.05	0.27	0.7	0.016	5.42
Q005747		470	4.2	10.7	0.006	0.05	13.50	1.0	2	0.2	84.4	0.05	<0.05	0.6	0.027	0.24
Q005748		2090	1.4	1.5	0.002	0.02	28.5	0.4	2	<0.2	166.5	<0.05	<0.05	0.2	0.008	0.14
Q005749		440	2.6	12.9	0.020	0.04	4.78	1.4	5	0.3	88.5	0.07	<0.05	1.4	0.030	0.17
Q005750		510	2.7	14.6	0.004	0.10	1.05	1.5	2	0.2	857	0.06	0.17	0.6	0.032	0.16
Q005751		2530	5.8	11.0	0.002	0.16	6.27	6.2	35	0.3	50.1	0.12	<0.05	1.7	0.030	0.69

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ALS Canada Ltd.
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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130962

Sample Description	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q007388	0.1	6	0.1	0.7	15	2.5	
Q007389	0.1	6	0.3	0.7	14	2.5	
Q007390	0.1	5	0.1	0.6	12	2.2	
Q007391	0.2	12	0.3	1.2	23	4.3	
Q007392	3.3	359	1.6	16.2	222	111.0	
Q007393	1.5	189	0.7	7.6	70	48.6	
Q007394	4.0	372	1.5	17.6	209	112.5	
Q007395	0.2	17	0.7	1.3	34	4.3	
Q007396	0.1	4	0.1	1.1	19	1.5	
Q007397	2.3	244	0.6	14.1	150	48.3	
Q007398	1.9	242	0.5	11.3	94	47.4	
Q007399	4.5	392	1.4	19.6	139	122.0	
Q007400	3.8	406	1.4	26.7	113	104.5	
Q007401	4.6	400	1.3	14.8	137	91.8	
Q007402	4.1	410	1.3	17.0	292	95.1	
Q007403	22.8	338	1.5	64.9	755	100.5	
Q007404	4.0	540	1.2	18.5	172	100.0	
Q007405	3.6	424	1.3	14.2	181	89.0	
Q007406	2.2	118	0.4	9.6	80	21.9	
Q007407	2.9	93	0.4	5.8	46	16.6	
Q007408	17.9	1520	1.8	35.8	29	95.4	
Q007409	27.7	736	1.8	47.3	817	82.7	
Q007410	2.1	73	0.4	7.3	9	21.0	
Q007411	5.4	479	1.1	22.3	255	95.2	
Q007412	4.8	436	1.3	17.6	171	98.1	
Q007413	3.3	8	0.6	1.3	68	3.0	
Q007414	3.4	339	5.6	15.8	90	120.0	
Q007415	3.1	260	4.6	14.8	71	105.5	
Q007416	6.1	740	1.1	20.4	35	120.5	
Q005818	28.2	514	0.2	142.5	>10000	25.9	4.50
Q005819	24.6	759	0.3	127.5	>10000	27.6	3.09
Q005820	0.8	152	0.2	2.2	332	2.4	
Q005744	0.7	198	0.4	3.9	470	2.7	
Q005745	35.3	198	3.8	54.7	>10000	10.4	1.535
Q005746	28.4	196	5.6	37.6	>10000	11.3	1.315
Q005747	2.8	473	0.3	4.1	262	7.9	
Q005748	1.8	202	0.2	1.9	191	2.3	
Q005749	7.8	537	0.3	4.4	106	11.6	
Q005750	1.4	51	0.2	3.0	372	13.8	
Q005751	18.7	240	0.4	253	>10000	17.7	4.61

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130962

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005752		0.12	<0.01	0.50	0.08	26.8	8210	0.11	0.04	0.03	1.88	0.92	4.7	77	0.10	18.9
Q005753		0.17	<0.01	0.46	0.02	8.0	430	0.05	0.03	0.10	0.33	0.16	2.1	43	<0.05	6.4
Q005754		0.20	<0.01	0.89	0.04	20.7	3440	0.05	0.03	0.19	1.09	0.36	1.8	81	0.07	14.6

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Finalized Date: 31-JUL-2013
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CERTIFICATE OF ANALYSIS WH13130962

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q005752		1.63	0.54	0.05	<0.1	0.02	<0.005	0.02	0.7	0.7	0.01	56	9.45	<0.01	0.1	51.3
Q005753		0.54	0.24	0.06	<0.1	0.01	<0.005	0.01	<0.5	0.4	0.01	29	1.31	<0.01	0.1	15.9
Q005754		0.83	0.59	0.07	<0.1	0.11	<0.005	0.01	<0.5	0.5	0.01	39	4.76	<0.01	0.1	26.7

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CERTIFICATE OF ANALYSIS WH13130962

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005752		90	5.3	1.4	0.003	0.25	6.55	0.2	1	<0.2	78.1	<0.05	0.40	<0.2	<0.005	0.14
Q005753		30	3.5	0.4	0.004	0.06	4.80	0.1	1	<0.2	3.2	<0.05	0.23	<0.2	<0.005	0.14
Q005754		40	5.5	0.8	0.003	0.13	4.68	0.1	6	<0.2	18.4	<0.05	0.11	<0.2	<0.005	0.13

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ALS Minerals

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130962

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q005752		0.7	287	0.2	3.3	526	2.0	
Q005753		0.3	274	0.4	0.6	80	1.1	
Q005754		0.6	393	0.2	1.0	200	1.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130962

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
Applies to Method: ME-MS61

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61	ME-OG62
	Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

CERTIFICATE WH13131719

Project: Nadaleen
P.O. No.: R13-19
This report is for 101 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12-AUG-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005821	0.11	<0.01	3.00	1.52	122.0	2500	1.51	0.08	0.17	4.92	18.95	1.2	121	1.75	86.3
Q005822	0.37	0.01	0.39	1.77	202	2200	4.39	0.04	0.12	43.0	4.42	12.9	59	0.22	577
Q005823	0.37	<0.01	0.05	1.55	11	560	0.35	0.02	11.80	0.27	36.4	5.0	136	0.87	8.6
Q005755	0.13	<0.01	0.29	0.84	36.9	1370	0.59	0.08	0.44	25.5	4.53	31.2	39	0.45	81.9
Q005756	0.10	0.01	0.87	5.72	216	5630	8.66	0.13	1.15	70.8	49.2	43.3	172	1.53	809
Q005757	0.14	<0.01	0.08	2.03	9.8	400	0.68	0.09	4.12	0.68	24.1	4.9	38	1.33	24.0
Q005758	0.20	<0.01	0.04	0.92	23	130	0.53	0.04	27.5	0.35	11.70	2.8	12	1.00	7.6
Q005759	0.17	<0.01	0.02	0.19	55	50	0.22	0.02	33.5	0.10	1.82	1.1	3	0.23	2.9
Q005760	0.27	<0.01	0.04	0.71	21	110	0.53	0.03	23.8	0.14	9.30	2.6	7	0.69	4.1
Q005761	0.15	<0.01	1.49	1.21	157	150	0.84	0.04	22.1	5.49	10.75	2.0	10	1.09	5.0
Q005762	0.30	<0.01	6.69	0.95	448	90	0.59	0.78	27.3	6.62	10.60	1.7	9	1.09	3.5
Q005763	0.25	<0.01	0.58	1.46	40	130	0.92	0.05	22.0	0.40	13.95	1.4	11	2.32	3.4
Q005764	0.21	0.01	0.66	6.22	432	950	1.78	0.31	0.36	0.14	72.6	3.3	89	23.4	39.8
Q005765	0.27	0.01	1.30	6.70	687	980	1.88	0.41	0.21	0.46	74.8	3.6	92	19.45	26.2
Q005766	0.23	0.01	0.62	6.01	1115	960	2.03	0.26	0.25	0.81	66.1	3.3	90	15.15	41.7
Q005767	0.27	<0.01	1.17	6.62	255	980	1.92	0.29	0.17	0.12	71.3	3.0	88	21.7	35.0
Q005768	0.11	<0.01	2.44	5.43	498	770	1.75	0.25	0.25	0.35	60.4	7.0	81	17.50	43.0
Q005769	0.20	<0.01	1.78	6.57	718	990	2.19	0.30	0.21	0.60	73.3	3.2	89	25.7	56.8
Q005770	0.14	0.01	2.17	5.68	1440	980	3.02	0.23	0.91	4.63	69.4	12.9	84	20.0	130.5
Q005771	0.16	0.04	0.47	5.10	271	1170	1.14	0.27	0.14	0.10	62.5	0.5	65	13.00	17.3
Q005772	0.08	<0.01	0.55	6.28	112.5	1580	1.54	0.17	0.17	0.14	64.6	1.2	78	13.10	13.5
Q005773	0.08	<0.01	0.53	5.33	48.7	6470	1.31	0.11	0.16	0.10	55.1	0.8	71	11.40	23.0
Q005774	0.08	<0.01	0.48	5.18	18.4	1600	1.17	0.12	0.17	0.08	57.1	0.8	70	10.60	25.0
Q005775	0.07	<0.01	0.27	3.35	335	850	0.89	0.21	0.10	0.12	47.7	0.5	48	7.91	14.3
Q005776	0.05	<0.01	1.52	3.20	491	1140	3.20	0.12	4.73	3.19	42.6	7.3	45	7.73	109.5
Q005777	0.22	<0.01	0.81	5.84	233	1720	1.41	0.24	0.17	0.30	64.5	0.9	78	16.00	17.8
Q005778	0.14	0.01	0.30	3.35	558	3670	2.36	0.14	10.75	5.08	42.6	8.5	43	7.74	60.1
Q005779	0.15	0.01	8.93	6.07	613	1070	2.23	0.25	0.75	1.26	66.9	7.2	86	17.95	63.6
Q005780	0.19	0.02	0.20	1.71	175.5	1640	0.36	0.15	0.06	0.12	20.9	0.3	25	4.04	8.0
Q005781	0.23	0.03	0.23	1.85	262	1250	0.40	0.20	0.06	0.10	23.8	0.2	26	5.45	8.9
Q005782	0.13	<0.01	0.05	0.13	63	340	0.18	0.02	30.1	0.20	1.40	0.9	2	0.21	1.6
Q005783	0.26	<0.01	0.19	0.35	141	280	0.40	0.02	24.5	0.93	3.72	1.8	5	0.25	2.6
Q005784	0.28	0.02	0.07	0.10	77	80	0.13	0.02	25.1	0.30	1.47	1.2	2	0.10	1.9
Q005785	0.28	0.02	0.09	0.11	307	100	0.10	0.02	27.9	0.03	1.76	0.6	2	0.13	1.6
Q005786	0.09	<0.01	1.00	0.64	287	90	0.61	0.03	21.8	1.68	8.62	5.2	8	0.62	4.0
Q005787	0.13	<0.01	8.32	5.87	3580	4680	2.48	0.33	0.54	2.76	60.2	1.2	78	12.15	28.7
Q005788	0.09	<0.01	3.48	4.28	2370	3490	3.70	0.15	8.96	25.4	49.4	21.4	50	6.29	141.5
Q005789	0.16	<0.01	6.81	6.29	224	1200	1.85	0.25	0.21	0.58	68.8	0.8	79	14.35	19.4
Q005790	0.14	0.01	8.94	6.46	3450	1210	5.82	0.22	0.47	8.02	76.2	22.6	82	10.60	196.0
Q005791	0.48	<0.01	0.64	5.84	701	2330	1.45	0.26	0.15	0.47	72.8	2.8	82	14.45	23.3

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VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q005821		3.47	3.52	0.07	0.6	0.89	0.030	0.51	9.8	6.7	0.07	68	25.7	0.01	1.8	17.2
Q005822		45.8	1.44	0.15	0.3	0.34	0.067	0.06	4.8	1.1	0.02	178	69.2	<0.01	0.4	365
Q005823		2.08	3.54	0.07	1.2	0.07	0.007	0.34	18.4	41.9	0.59	412	1.06	0.03	18.1	16.3
Q005755		32.3	3.15	0.83	0.2	1.53	0.048	0.10	7.8	8.8	0.05	133	95.9	0.01	1.0	170.0
Q005756		18.95	6.82	0.23	0.8	0.18	0.272	0.32	29.2	7.4	0.09	239	105.5	0.01	1.1	792
Q005757		3.39	5.14	0.07	1.1	0.13	0.019	0.71	11.4	18.0	1.00	552	2.28	0.01	8.3	16.5
Q005758		0.60	2.41	0.11	0.4	0.55	0.005	0.42	5.4	4.6	6.43	82	1.65	0.03	1.6	8.5
Q005759		0.18	0.61	0.16	0.1	0.69	<0.005	0.08	1.0	1.1	2.31	91	0.60	0.01	0.3	3.6
Q005760		0.37	2.17	0.34	0.3	0.25	<0.005	0.34	4.0	3.5	9.17	83	1.44	0.02	1.1	5.6
Q005761		0.64	3.29	0.30	0.4	4.25	<0.005	0.57	5.3	4.3	9.72	359	2.44	0.02	1.7	7.8
Q005762		0.42	2.67	0.33	0.4	4.90	0.009	0.44	4.9	4.2	6.62	548	1.44	0.02	1.6	3.1
Q005763		0.62	3.95	0.33	0.6	0.24	0.008	0.69	6.7	7.5	9.44	141	0.77	0.02	2.4	4.3
Q005764		1.87	17.30	0.44	3.0	1.55	0.048	2.62	41.5	11.1	0.49	23	5.16	0.03	22.2	29.0
Q005765		1.93	19.05	0.36	2.9	2.47	0.041	2.98	42.1	8.8	0.45	30	7.20	0.03	20.7	37.1
Q005766		2.52	16.35	0.30	2.8	1.85	0.052	2.75	37.0	8.2	0.42	30	6.19	0.03	20.8	35.1
Q005767		1.57	18.60	0.31	2.9	1.71	0.043	2.87	40.6	9.5	0.46	25	4.03	0.04	21.0	26.7
Q005768		3.27	15.20	0.20	2.4	1.74	0.064	2.38	33.7	12.3	0.39	83	5.72	0.03	17.0	58.6
Q005769		2.61	18.80	0.25	2.9	1.94	0.056	2.88	40.3	11.5	0.47	27	4.45	0.04	18.6	27.8
Q005770		5.20	15.25	0.17	2.5	2.19	0.047	2.42	37.3	11.5	0.63	297	13.70	0.04	18.1	80.8
Q005771		1.19	15.30	0.23	2.3	1.82	0.035	2.26	32.4	10.6	0.31	17	3.84	0.03	18.5	10.8
Q005772		0.84	17.40	0.28	3.0	1.71	0.031	2.77	38.2	9.5	0.45	19	3.20	0.04	22.5	16.5
Q005773		0.57	14.95	0.27	2.7	2.65	0.018	2.30	32.5	9.2	0.35	16	1.65	0.02	22.6	13.1
Q005774		0.49	14.50	0.30	2.8	2.63	0.019	2.19	32.7	9.3	0.34	15	1.25	0.03	22.1	12.7
Q005775		1.33	10.30	0.28	1.7	1.54	0.027	1.58	20.7	8.1	0.22	18	5.62	0.02	11.9	8.7
Q005776		3.31	8.34	0.19	1.5	1.92	0.043	1.22	20.5	12.7	1.71	360	3.16	0.02	10.1	55.2
Q005777		1.25	17.05	0.27	3.0	1.20	0.048	2.64	37.2	10.7	0.41	19	3.79	0.03	22.6	10.6
Q005778		6.84	8.80	0.13	1.8	0.79	0.025	1.36	24.0	7.0	4.34	1530	3.27	0.03	11.5	48.7
Q005779		2.66	16.80	0.24	2.4	4.34	0.060	2.57	38.5	10.9	0.65	61	6.08	0.03	21.1	45.4
Q005780		0.65	4.84	0.19	0.7	0.99	0.010	0.72	10.3	12.0	0.10	9	2.97	0.01	5.5	5.1
Q005781		0.58	5.26	0.21	0.9	1.55	0.011	0.74	11.2	12.8	0.09	12	2.48	0.01	6.4	4.0
Q005782		0.19	0.43	0.24	<0.1	0.64	<0.005	0.05	0.7	0.9	6.10	412	0.78	0.01	0.2	4.1
Q005783		0.44	0.90	0.27	0.1	2.20	<0.005	0.12	2.0	1.9	10.45	612	1.61	0.01	0.5	8.9
Q005784		0.36	0.45	0.35	<0.1	0.26	<0.005	0.04	0.8	0.8	10.65	190	0.57	0.01	0.2	6.6
Q005785		0.10	0.43	0.30	<0.1	1.1	<0.005	0.04	1.0	0.9	7.70	367	0.25	0.01	0.2	1.4
Q005786		0.81	1.92	0.28	0.3	1.7	<0.005	0.28	4.4	4.6	11.05	257	2.01	0.03	1.3	31.9
Q005787		1.84	17.20	0.41	2.7	1.51	0.061	2.63	33.6	8.6	0.45	176	4.69	0.03	17.8	12.4
Q005788		8.93	9.42	0.16	1.8	0.7	0.029	1.45	27.3	7.4	3.48	1800	8.25	0.03	12.6	113.5
Q005789		0.92	18.60	0.29	2.9	2.76	0.046	2.79	38.5	9.6	0.44	21	2.76	0.03	20.3	10.5
Q005790		6.99	14.95	0.17	2.3	3.2	0.041	2.31	40.5	10.0	0.36	180	11.20	0.03	19.4	186.0
Q005791		2.16	16.60	0.23	3.0	4.48	0.051	2.57	42.7	10.3	0.41	25	6.41	0.03	22.9	28.4

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Finalized Date: 12-AUG-2013
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CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005821		5270	4.2	24.7	0.011	0.55	7.48	3.6	5	0.5	606	0.10	0.10	2.3	0.054	1.52
Q005822		>10000	1.9	3.2	<0.002	0.18	8.94	7.3	4	0.3	55.0	<0.05	0.05	0.9	0.014	0.40
Q005823		810	4.7	12.2	<0.002	0.16	0.32	5.6	2	0.5	461	0.80	<0.05	2.5	0.348	0.08
Q005755		8760	66.0	5.2	0.002	0.10	7.65	2.8	5	1.1	58.6	<0.05	0.47	2.5	0.011	4.07
Q005756		>10000	5.5	17.4	0.003	0.15	13.00	23.2	14	1.4	927	0.08	0.15	4.3	0.035	0.50
Q005757		1010	56.8	29.0	0.004	0.03	1.52	4.9	1	0.7	74.4	0.48	<0.05	2.8	0.150	0.18
Q005758		160	4.9	14.8	0.002	0.02	1.81	1.9	1	0.4	223	0.10	<0.05	1.7	0.051	0.52
Q005759		30	1.9	3.2	0.003	0.02	1.85	0.4	<1	<0.2	115.0	<0.05	<0.05	0.3	0.009	0.10
Q005760		150	5.7	11.9	0.003	0.03	1.75	1.3	1	0.4	216	0.07	<0.05	1.0	0.035	0.46
Q005761		170	352	19.7	0.002	0.06	7.64	2.0	1	0.5	154.0	0.11	<0.05	1.4	0.056	0.36
Q005762		100	5880	16.3	0.003	0.12	164.5	1.7	4	0.3	176.0	0.11	<0.05	1.6	0.052	0.98
Q005763		150	81.6	25.5	0.002	0.08	3.31	2.4	1	0.4	163.5	0.16	<0.05	2.2	0.077	0.48
Q005764		390	34.2	120.0	0.003	0.13	6.20	9.7	2	2.1	84.8	1.28	0.11	9.5	0.399	4.37
Q005765		380	29.9	127.5	0.005	0.11	7.13	10.4	2	2.3	64.6	1.21	0.12	9.9	0.397	2.88
Q005766		980	22.4	115.5	0.007	0.18	5.88	11.6	3	2.0	67.1	1.24	0.09	9.9	0.376	3.31
Q005767		320	24.6	130.5	0.005	0.12	6.87	11.4	2	2.2	56.4	1.24	0.10	10.7	0.401	3.75
Q005768		470	35.4	103.0	0.004	0.10	8.14	10.1	2	1.8	55.3	1.00	0.12	8.3	0.321	2.93
Q005769		500	28.3	134.0	0.006	0.23	5.91	10.6	2	2.1	95.9	1.11	0.10	10.1	0.382	4.32
Q005770		1600	46.3	110.0	0.004	0.24	10.05	11.9	5	1.7	85.4	1.04	0.07	9.4	0.337	3.05
Q005771		410	19.5	99.3	0.005	0.25	5.25	6.6	3	1.8	96.5	1.03	0.07	8.8	0.335	4.20
Q005772		170	18.5	122.5	0.004	0.07	4.23	11.7	1	2.1	45.2	1.31	0.12	7.1	0.412	1.72
Q005773		130	8.0	99.7	0.003	0.17	3.28	7.1	1	1.7	42.4	1.33	0.07	5.6	0.385	1.61
Q005774		110	5.4	95.7	0.003	0.04	2.94	7.0	1	1.7	40.0	1.30	0.08	5.5	0.379	1.47
Q005775		510	12.1	73.0	0.003	0.28	2.78	4.2	1	1.2	138.0	0.73	0.07	6.5	0.234	5.63
Q005776		1340	92.4	56.4	0.003	0.08	4.29	7.3	4	1.0	230	0.60	0.05	5.5	0.192	1.48
Q005777		350	70.7	123.5	0.003	0.25	2.34	10.4	2	2.0	68.6	1.30	0.09	10.8	0.397	4.63
Q005778		1300	33.6	59.4	0.002	0.10	6.21	10.5	3	1.1	579	0.67	<0.05	5.5	0.211	1.60
Q005779		650	232	118.5	0.003	0.10	13.95	11.1	3	2.0	76.1	1.22	0.08	10.0	0.375	3.12
Q005780		200	83.3	32.8	0.003	0.13	2.67	2.0	1	0.6	73.9	0.33	0.06	3.1	0.109	2.93
Q005781		250	12.5	34.0	0.002	0.14	2.20	2.2	1	0.7	63.6	0.37	<0.05	3.9	0.119	2.09
Q005782		70	2.3	2.0	<0.002	<0.01	0.69	0.3	<1	<0.2	102.5	<0.05	<0.05	0.2	0.006	0.11
Q005783		90	3.4	4.5	0.002	<0.01	0.32	0.9	1	<0.2	184.5	<0.05	<0.05	0.5	0.014	0.17
Q005784		60	2.0	1.5	0.002	<0.01	0.39	0.4	<1	<0.2	106.5	<0.05	<0.05	0.2	0.006	0.30
Q005785		60	2.1	1.4	0.003	<0.01	0.23	0.7	1	<0.2	103.0	<0.05	<0.05	0.2	0.006	0.48
Q005786		170	54.8	11.0	0.003	0.02	2.02	1.5	2	0.2	170.5	0.09	<0.05	1.1	0.035	0.78
Q005787		2550	102.0	113.5	0.011	0.23	3.58	11.3	7	2.0	75.8	1.05	0.13	9.9	0.354	2.91
Q005788		2840	18.7	64.1	0.009	0.05	10.15	17.1	5	1.1	436	0.82	<0.05	5.6	0.227	1.67
Q005789		430	160.0	124.5	0.005	0.07	3.67	10.5	2	2.2	74.1	1.19	0.10	9.0	0.390	2.53
Q005790		3510	63.1	97.6	0.012	0.09	11.10	13.7	8	1.6	106.0	1.15	0.10	9.3	0.336	3.13
Q005791		1290	25.6	117.5	0.004	0.30	5.01	9.2	3	2.0	134.0	1.35	0.10	10.5	0.387	4.56

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q005821		30.9	406	0.3	26.1	89	20.8
Q005822		49.5	1480	0.2	36.9	2530	26.4
Q005823		1.5	49	0.5	12.5	34	51.1
Q005755		9.8	116	0.6	15.0	654	7.8
Q005756		95.3	1360	0.4	81.4	5580	37.4
Q005757		1.5	46	0.5	11.1	63	44.2
Q005758		2.6	17	0.8	4.5	64	13.1
Q005759		0.8	3	0.2	1.0	74	2.7
Q005760		4.0	8	0.7	3.4	59	8.2
Q005761		2.6	16	2.1	3.8	429	13.1
Q005762		2.5	13	2.3	3.9	407	13.4
Q005763		2.6	17	2.3	4.3	110	18.8
Q005764		3.5	373	8.1	14.6	101	116.0
Q005765		3.3	368	9.2	14.5	87	110.5
Q005766		3.8	403	6.4	17.7	150	109.5
Q005767		3.2	350	7.4	15.0	71	114.5
Q005768		2.7	300	6.5	13.8	215	93.2
Q005769		3.1	328	6.7	14.3	119	111.0
Q005770		3.8	328	6.5	27.6	358	96.9
Q005771		2.7	304	9.1	13.1	17	92.1
Q005772		2.9	353	8.8	15.8	21	114.5
Q005773		2.9	338	9.0	15.7	16	109.0
Q005774		3.0	316	8.9	15.9	13	115.0
Q005775		2.2	203	6.2	9.0	18	64.5
Q005776		3.6	194	4.5	26.1	478	61.1
Q005777		3.3	344	9.6	14.2	35	114.5
Q005778		2.5	207	4.2	32.1	328	89.7
Q005779		3.0	415	10.9	15.1	375	95.0
Q005780		1.0	100	3.0	4.6	17	28.5
Q005781		1.0	103	3.9	4.8	9	32.3
Q005782		3.2	7	0.2	1.8	49	2.7
Q005783		3.5	11	0.6	2.2	156	4.5
Q005784		2.3	7	0.2	2.0	40	1.8
Q005785		2.7	5	0.4	5.5	7	1.9
Q005786		1.8	16	0.8	3.7	346	10.4
Q005787		4.1	397	7.9	34.0	46	101.0
Q005788		4.7	355	5.4	71.3	1220	99.2
Q005789		4.1	397	9.7	18.9	25	107.5
Q005790		10.0	441	9.8	72.8	2090	103.5
Q005791		4.0	407	6.4	19.5	116	120.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q005792		0.10	0.01	0.46	4.00	48.3	5990	0.81	0.08	0.11	0.09	46.6	0.5	52	7.91	8.6
Q007417		0.22	<0.01	0.34	6.00	17.4	2170	1.92	0.22	0.04	0.52	66.2	11.7	100	9.09	61.3
Q007418		0.13	<0.01	0.39	5.63	19.2	2180	1.71	0.23	0.07	0.37	64.8	7.7	98	11.40	57.9
Q007419		0.15	0.01	1.01	5.34	20.9	2780	2.52	0.21	0.03	0.37	66.7	6.1	103	10.95	66.6
Q007420		0.19	<0.01	0.57	5.52	19.7	2370	2.25	0.22	0.10	0.54	65.1	10.4	93	11.00	74.7
Q007421		0.33	<0.01	0.69	5.89	22.0	2430	2.25	0.24	0.08	0.50	69.3	8.4	103	11.00	63.8
Q007422		0.19	<0.01	0.50	5.60	20.9	2320	1.96	0.25	0.07	0.26	68.4	6.1	100	10.30	45.7
Q007423		0.18	<0.01	0.57	5.30	14.5	2210	2.14	0.22	0.06	0.36	63.8	4.4	103	9.26	43.3
Q007424		0.28	0.01	2.31	4.21	38.9	1970	2.86	0.12	0.20	1.87	59.9	18.4	82	8.52	132.5
Q007425		0.27	<0.01	1.09	5.09	27.9	1810	1.66	0.25	0.11	0.42	63.1	5.9	97	10.90	38.4
Q007426		0.21	<0.01	0.77	5.12	25.5	2050	1.84	0.24	0.11	0.30	62.4	5.2	103	9.45	39.1
Q007427		0.30	<0.01	0.11	1.66	11.4	370	0.80	0.07	1.38	1.57	22.5	11.4	15	1.10	14.8
Q007428		0.20	0.01	0.67	5.47	29.0	2030	2.07	0.23	0.12	0.59	65.1	8.7	95	13.20	55.2
Q007429		0.21	<0.01	0.64	5.17	31.7	1870	1.93	0.22	0.11	0.49	60.3	9.7	93	12.70	57.1
Q007430		0.17	<0.01	1.12	5.35	189.5	2070	2.02	0.20	0.03	0.41	68.3	2.0	109	9.90	26.6
Q007431		0.20	<0.01	0.83	5.84	313	2200	2.46	0.23	0.04	1.13	72.2	8.5	104	12.25	54.7
Q007432		0.34	<0.01	3.43	6.09	73.9	2150	2.61	0.26	0.20	0.38	57.7	9.2	152	25.1	95.4
Q007433		0.38	0.02	2.78	5.88	61.6	2100	2.30	0.25	0.15	0.23	55.4	6.7	164	21.8	102.5
Q007434		0.36	<0.01	0.15	0.18	168	5270	0.33	0.01	34.4	3.57	5.18	7.3	6	0.34	13.6
Q007435		0.19	<0.01	0.35	0.50	1080	520	1.66	<0.01	30.7	13.05	13.05	49.1	9	0.23	156.5
Q007436		0.23	<0.01	0.40	0.53	243	130	0.65	0.01	33.7	7.25	7.96	7.5	8	1.30	27.3
Q007437		0.38	<0.01	0.22	0.32	382	3290	0.58	0.01	31.1	6.04	6.23	11.6	7	0.50	29.0
Q007438		0.13	<0.01	0.16	0.17	314	140	0.38	<0.01	35.6	13.40	3.73	11.4	5	0.29	35.7
Q007439		0.11	<0.01	0.25	0.29	190	350	0.36	0.01	36.7	3.02	6.55	4.2	7	0.69	12.6
Q007440		0.10	0.01	0.70	1.05	1050	210	1.99	0.03	28.9	15.10	13.50	44.8	12	1.34	166.0
Q007441		0.21	0.01	0.13	0.15	104	160	0.31	0.01	36.6	2.07	5.46	2.4	9	0.36	6.3
Q007442		0.26	<0.01	0.19	0.42	153	100	0.57	0.01	35.3	6.26	6.35	2.1	8	0.76	16.7
Q007443		0.15	0.01	10.60	3.52	2650	820	2.39	0.12	3.92	5.16	42.7	16.3	49	9.04	79.4
Q007444		0.15	<0.01	0.29	0.38	427	1540	0.82	0.01	33.7	6.16	7.54	15.1	8	0.47	31.2
Q007445		0.14	0.02	4.30	5.46	1500	1390	3.42	0.19	3.32	6.77	64.6	19.8	81	13.70	140.0
Q007446		0.17	0.01	3.19	4.52	1955	920	4.28	0.14	0.65	7.42	67.0	32.3	73	13.70	176.5
Q007447		0.32	0.01	5.01	4.90	951	1310	2.21	0.16	2.54	3.11	56.2	6.2	83	12.15	84.9
Q007448		0.46	0.01	5.07	5.73	887	1030	3.05	0.20	1.51	2.80	69.4	10.3	84	17.85	76.5
Q007449		0.08	0.01	0.11	0.59	105	90	0.46	0.02	22.2	0.29	6.40	1.8	6	0.88	3.0
Q007450		0.20	<0.01	0.07	0.30	19	50	0.39	0.01	24.2	0.24	4.66	1.4	2	0.34	1.6
Q007451		0.23	0.02	0.16	1.54	52	220	0.77	0.06	17.05	0.28	21.9	4.6	20	2.12	9.4
Q007452		0.15	<0.01	0.07	0.11	29	70	0.21	0.02	23.2	0.25	1.68	0.6	1	0.16	4.3
Q007453		0.19	<0.01	0.33	0.45	182	110	0.53	0.03	21.0	3.50	4.07	2.5	3	0.50	4.1
Q007454		0.27	<0.01	2.62	1.58	156	160	0.75	0.04	21.1	11.35	15.15	2.8	15	1.34	7.5
Q007455		0.15	<0.01	0.07	1.44	31	130	0.57	0.05	22.8	0.20	17.10	3.3	13	1.52	5.7

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q005792		0.49	10.40	0.21	2.4	1.54	0.025	1.62	27.2	9.6	0.25	16	1.14	0.01	19.1	10.0
Q007417		3.74	16.55	0.19	3.0	0.1	0.069	2.40	35.9	29.5	0.62	287	3.65	0.25	16.3	55.2
Q007418		3.25	16.25	0.20	2.9	0.08	0.072	2.20	35.6	22.2	0.49	159	4.34	0.21	15.0	44.3
Q007419		2.97	17.40	0.22	2.8	0.17	0.071	2.35	36.8	23.7	0.44	58	6.45	0.10	17.1	49.5
Q007420		3.36	17.20	0.22	2.8	0.13	0.071	2.18	34.7	27.2	0.48	169	5.05	0.25	15.2	55.4
Q007421		3.59	19.00	0.22	2.9	0.08	0.072	2.37	37.7	26.7	0.50	181	5.53	0.29	17.8	48.1
Q007422		3.04	19.00	0.19	2.9	0.06	0.060	2.21	37.5	25.0	0.47	116	5.01	0.26	18.1	36.6
Q007423		2.51	18.25	0.18	2.8	0.08	0.058	2.06	35.8	22.2	0.44	76	4.61	0.22	17.9	30.3
Q007424		7.78	10.55	0.33	2.1	0.37	0.057	1.25	31.2	21.8	0.25	1080	9.36	0.54	15.6	133.0
Q007425		4.21	18.00	0.20	2.7	0.09	0.065	1.84	35.2	23.9	0.46	224	6.40	0.27	16.9	27.2
Q007426		3.71	17.55	0.20	2.8	0.09	0.062	1.94	34.8	24.1	0.46	172	6.54	0.30	17.4	29.7
Q007427		2.95	4.99	0.13	1.2	0.11	0.025	0.68	10.1	16.4	0.53	1300	0.56	0.12	3.1	19.8
Q007428		3.70	17.30	0.21	2.7	0.10	0.065	2.05	35.4	24.4	0.52	237	7.17	0.29	16.5	54.0
Q007429		3.32	17.10	0.19	2.7	0.10	0.060	1.95	34.1	23.3	0.46	328	7.60	0.22	16.7	43.6
Q007430		1.77	17.95	0.18	3.1	0.36	0.038	2.42	39.2	12.6	0.33	27	5.35	0.05	19.7	24.2
Q007431		2.86	18.60	0.20	2.9	0.62	0.068	2.50	39.1	16.7	0.36	116	4.84	0.08	16.9	49.3
Q007432		6.50	17.85	0.32	2.4	0.52	0.140	1.43	33.4	28.0	0.46	294	15.20	0.34	10.9	34.3
Q007433		5.74	15.90	0.27	2.4	0.61	0.146	1.48	33.1	24.4	0.42	217	12.65	0.28	10.1	33.0
Q007434		0.96	0.42	0.08	0.1	0.92	0.010	0.03	6.1	0.5	0.09	388	9.70	<0.01	0.5	27.3
Q007435		6.85	0.53	0.20	0.1	2.74	0.010	0.02	14.9	0.5	0.12	1340	16.40	<0.01	0.5	157.5
Q007436		1.23	1.08	0.09	0.2	0.87	0.009	0.14	6.5	1.3	0.18	287	6.83	0.01	1.3	34.6
Q007437		1.89	0.59	0.09	0.1	1.44	0.011	0.06	8.3	0.8	0.09	538	9.49	0.01	0.7	49.9
Q007438		1.65	0.38	0.07	0.1	0.63	0.019	0.03	4.9	0.4	0.17	481	8.08	<0.01	0.5	54.0
Q007439		0.77	0.60	0.07	0.1	1.00	0.010	0.08	6.7	0.6	0.17	245	15.05	0.01	0.8	19.8
Q007440		6.64	1.40	0.18	0.3	3.02	0.014	0.16	9.9	1.9	0.17	1000	35.5	0.01	1.5	173.0
Q007441		0.40	0.43	0.07	0.1	0.49	0.011	0.04	7.3	0.6	0.15	229	13.10	<0.01	0.6	14.6
Q007442		0.50	0.66	0.07	0.1	0.6	0.007	0.08	5.3	1.1	0.15	217	6.03	0.01	0.8	25.8
Q007443		3.61	10.75	0.16	1.8	1.5	0.118	1.51	23.1	11.8	1.66	796	4.79	0.02	12.7	69.2
Q007444		2.13	0.57	0.10	0.1	1.16	0.012	0.06	8.6	0.6	0.09	610	17.25	<0.01	0.6	62.9
Q007445		4.69	14.00	0.20	2.6	7.09	0.057	1.96	37.6	17.9	0.57	399	21.1	0.11	14.5	130.5
Q007446		6.49	12.40	0.25	2.6	3.48	0.049	1.90	34.2	9.0	0.35	553	18.50	0.02	18.7	151.0
Q007447		2.35	14.05	0.15	2.5	6.70	0.043	1.90	34.0	17.1	0.69	148	16.70	0.09	13.4	52.0
Q007448		2.96	17.10	0.18	3.1	4.30	0.057	2.39	38.2	13.1	0.68	129	6.60	0.05	20.3	61.6
Q007449		0.30	1.53	0.08	0.3	0.25	0.005	0.26	3.5	2.2	10.05	120	0.44	0.02	1.5	4.9
Q007450		0.15	0.80	0.13	0.1	0.30	<0.005	0.13	2.1	1.5	9.97	148	0.27	0.01	0.7	2.5
Q007451		1.04	3.86	0.09	0.8	0.51	0.018	0.44	11.8	10.4	9.49	219	1.04	0.10	3.6	12.3
Q007452		0.11	0.32	0.15	<0.1	0.45	<0.005	0.04	0.8	1.1	10.70	68	0.35	0.01	0.1	3.8
Q007453		0.59	1.10	0.15	0.1	1.40	<0.005	0.17	1.8	2.9	10.70	195	3.12	0.01	0.4	10.2
Q007454		0.85	4.14	0.21	1.0	9.64	0.008	0.74	7.5	5.8	9.02	348	2.64	0.02	2.4	12.0
Q007455		0.85	3.68	0.21	0.6	0.53	0.007	0.67	7.5	7.8	7.33	73	1.52	0.02	2.2	8.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
Q005792		120	6.5	71.7	0.004	0.17	2.87	4.4	1	1.2	38.6	1.11	<0.05	4.2	0.300	1.20
Q007417		730	17.9	121.0	0.005	0.08	3.55	11.6	3	1.8	84.1	0.96	0.12	8.3	0.402	0.83
Q007418		710	19.5	118.5	0.002	0.09	3.70	10.5	3	1.8	89.0	0.95	0.14	8.0	0.389	0.95
Q007419		950	20.5	125.0	0.002	0.32	5.55	11.8	6	1.9	129.0	1.12	0.14	10.5	0.339	1.12
Q007420		860	21.1	114.5	0.004	0.16	4.39	12.3	5	1.8	111.5	1.08	0.13	10.9	0.350	1.07
Q007421		880	21.0	132.0	0.002	0.21	4.28	12.8	4	2.0	112.0	1.22	0.12	11.2	0.385	1.06
Q007422		720	21.8	128.5	0.002	0.17	3.56	11.5	4	2.0	113.5	1.25	0.13	10.0	0.403	0.97
Q007423		780	18.9	119.5	0.002	0.17	2.61	11.1	4	1.9	99.6	1.22	0.12	9.3	0.393	0.90
Q007424		3170	14.7	67.6	0.003	0.52	11.35	7.9	9	1.2	132.5	0.98	0.17	9.6	0.220	1.27
Q007425		1000	21.4	113.0	<0.002	0.29	3.99	11.0	5	2.0	101.0	1.17	0.15	9.6	0.395	1.24
Q007426		850	20.4	118.0	0.003	0.35	3.76	10.8	4	1.9	114.0	1.19	0.15	9.7	0.396	1.15
Q007427		280	7.7	33.5	<0.002	0.09	0.60	4.3	2	0.6	25.4	0.24	<0.05	3.3	0.103	0.23
Q007428		980	20.9	118.5	0.004	0.19	4.29	12.2	5	1.8	102.0	1.14	0.12	10.1	0.376	1.22
Q007429		1120	20.0	118.5	0.003	0.14	4.34	11.8	5	1.8	89.4	1.13	0.12	9.4	0.363	1.18
Q007430		600	64.5	114.0	0.005	0.31	5.34	10.5	4	1.8	105.5	1.35	0.11	10.6	0.362	1.35
Q007431		930	65.3	122.5	0.003	0.22	5.18	12.9	4	1.9	132.5	1.16	0.14	11.7	0.361	1.39
Q007432		870	26.0	103.5	0.004	0.19	4.34	17.3	13	2.1	178.5	0.81	0.19	10.8	0.305	1.68
Q007433		800	23.9	95.0	0.006	0.23	3.90	20.9	13	1.8	178.0	0.79	0.18	10.6	0.298	1.54
Q007434		420	12.0	1.9	<0.002	0.14	0.79	2.0	2	<0.2	152.5	<0.05	<0.05	0.3	0.006	0.12
Q007435		1180	14.5	1.3	0.002	0.01	3.32	4.2	3	<0.2	143.5	<0.05	<0.05	0.2	<0.005	0.35
Q007436		540	26.4	7.6	0.002	0.01	1.46	2.0	2	<0.2	184.0	0.08	<0.05	0.8	0.023	0.40
Q007437		870	13.4	3.0	<0.002	0.09	1.85	2.8	2	<0.2	85.3	<0.05	<0.05	0.3	0.011	0.33
Q007438		520	6.5	1.7	<0.002	0.01	1.75	1.2	2	<0.2	286	<0.05	<0.05	0.2	0.005	0.29
Q007439		520	63.6	3.7	0.002	0.01	1.07	1.4	2	<0.2	190.5	<0.05	<0.05	0.4	0.012	0.24
Q007440		1280	140.0	8.4	0.003	0.01	3.20	3.2	3	<0.2	147.5	0.10	<0.05	1.0	0.026	0.73
Q007441		430	20.9	2.2	0.002	0.01	0.78	1.6	2	<0.2	252	0.05	<0.05	0.3	0.007	0.14
Q007442		440	29.1	4.2	<0.002	0.01	1.19	2.5	2	<0.2	144.5	0.05	<0.05	0.5	0.013	0.26
Q007443		1880	111.5	70.2	0.005	0.04	11.70	8.7	3	1.1	218	0.83	0.06	6.6	0.221	1.82
Q007444		930	20.2	2.9	0.002	0.04	1.62	2.8	2	<0.2	74.2	<0.05	<0.05	0.4	0.009	0.24
Q007445		1850	179.0	88.6	0.008	0.19	8.91	10.6	4	1.6	134.0	1.09	0.08	10.7	0.311	8.30
Q007446		2140	63.1	84.7	0.004	0.15	15.75	13.5	7	1.3	70.5	1.33	0.07	9.9	0.300	3.05
Q007447		1170	182.5	85.6	0.007	0.19	7.81	10.0	3	1.5	121.5	1.01	0.08	9.5	0.311	6.13
Q007448		970	107.5	114.5	0.004	0.14	8.09	12.1	3	1.8	91.3	1.46	0.08	11.3	0.376	3.59
Q007449		230	2.9	11.4	<0.002	<0.01	0.32	1.1	1	0.2	114.0	0.10	<0.05	1.1	0.033	0.30
Q007450		100	1.9	5.3	<0.002	<0.01	0.15	0.6	1	<0.2	142.5	<0.05	<0.05	0.6	0.015	0.65
Q007451		310	10.7	27.2	<0.002	0.01	0.62	3.4	1	0.4	100.0	0.28	<0.05	3.3	0.106	0.46
Q007452		80	11.4	1.8	<0.002	<0.01	0.34	0.2	<1	<0.2	121.5	<0.05	<0.05	0.2	0.005	0.09
Q007453		110	98.6	6.9	<0.002	<0.01	3.09	0.9	<1	0.2	139.5	<0.05	<0.05	0.6	0.015	0.23
Q007454		150	269	26.3	0.002	0.11	6.87	3.1	1	0.6	182.0	0.17	<0.05	2.4	0.080	0.50
Q007455		150	7.3	23.0	<0.002	0.02	0.54	2.8	<1	0.5	199.5	0.16	<0.05	2.5	0.079	0.94

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q005792	2.3	250	6.3	14.6	16	103.0
Q007417	3.1	334	1.3	20.5	273	116.5
Q007418	3.0	328	1.3	18.2	240	111.5
Q007419	4.2	363	1.4	23.2	238	115.0
Q007420	3.9	309	1.4	22.5	260	109.5
Q007421	4.0	357	1.6	21.1	242	120.0
Q007422	3.6	346	1.6	19.5	168	116.0
Q007423	3.8	362	1.5	18.7	120	115.0
Q007424	6.3	414	0.8	31.6	587	113.0
Q007425	3.5	381	1.5	16.4	131	110.0
Q007426	3.5	403	1.5	16.5	115	113.0
Q007427	1.1	28	0.4	13.4	110	42.8
Q007428	4.2	366	1.5	21.2	227	108.5
Q007429	4.1	370	1.4	19.0	192	108.5
Q007430	4.7	497	1.9	25.2	78	122.5
Q007431	4.7	378	2.1	28.0	225	114.5
Q007432	7.6	249	1.5	20.9	98	86.4
Q007433	9.5	246	1.4	23.5	89	85.3
Q007434	7.1	26	0.5	12.9	401	3.0
Q007435	9.5	70	0.9	39.9	3950	3.6
Q007436	4.7	43	0.9	23.4	656	8.5
Q007437	11.5	43	0.8	20.8	867	4.3
Q007438	3.5	35	0.8	23.4	776	2.4
Q007439	6.0	35	0.8	12.3	328	4.9
Q007440	7.1	96	1.4	51.8	3540	10.4
Q007441	6.6	35	0.7	11.4	223	3.2
Q007442	6.8	35	0.6	21.0	225	4.9
Q007443	3.4	229	7.6	32.2	511	71.2
Q007444	12.1	48	0.8	25.3	848	4.5
Q007445	8.8	362	8.8	45.8	1330	91.1
Q007446	5.9	361	8.5	45.6	1040	101.5
Q007447	6.2	449	8.6	26.3	329	90.5
Q007448	4.4	379	10.6	26.8	409	117.5
Q007449	2.6	20	0.7	2.2	90	9.8
Q007450	2.5	7	0.4	1.6	43	4.4
Q007451	1.9	50	0.6	7.1	73	29.3
Q007452	2.8	4	0.1	0.8	47	1.6
Q007453	1.2	11	0.6	2.2	344	4.8
Q007454	3.1	36	2.8	5.6	631	20.5
Q007455	1.8	17	1.4	4.9	36	18.9

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007456		0.56	<0.01	0.04	0.10	22	10	0.24	0.02	36.1	0.38	1.88	0.4	<1	0.08	1.5
Q007457		0.18	<0.01	0.02	0.08	42	20	0.19	0.02	24.0	1.23	1.04	0.5	<1	0.17	1.8
Q007458		0.23	<0.01	0.01	0.07	16	110	0.12	0.01	36.6	0.08	3.11	0.4	1	0.09	1.3
Q007459		0.51	<0.01	0.01	0.02	<5	80	0.05	0.02	35.2	0.13	1.13	0.2	1	0.05	1.2
Q007460		0.12	<0.01	0.10	0.09	21	60	0.16	0.02	35.3	0.43	1.92	0.3	1	0.13	1.7
Q007461		0.07	<0.01	0.15	0.28	42	60	0.26	0.03	25.2	0.47	2.47	0.7	2	0.27	2.7
Q007462		0.27	<0.01	0.09	0.23	58	90	0.07	0.03	33.4	0.50	3.01	0.4	2	0.26	2.5
Q007463		0.14	<0.01	0.02	0.70	9.9	70	0.21	0.08	0.65	0.50	4.41	2.7	9	0.36	15.4
Q007464		0.26	<0.01	0.02	0.14	28	100	0.11	0.02	34.9	0.39	2.33	0.3	2	0.25	1.8
Q007465		0.25	<0.01	0.10	0.13	642	40	0.56	0.01	33.6	4.14	1.99	2.6	1	0.17	7.4
Q007466		0.12	<0.01	0.21	0.73	489	300	0.39	0.03	28.7	2.65	6.80	7.0	5	0.76	3.4
Q007467		0.13	<0.01	0.06	0.82	228	70	0.48	0.04	32.0	2.07	8.73	1.2	7	1.55	4.9
Q007468		0.15	<0.01	0.16	0.53	159	60	0.48	0.03	34.2	6.49	5.33	0.9	6	1.31	6.1
Q007469		0.08	<0.01	0.14	0.32	92	50	0.32	0.02	34.6	2.74	4.21	0.7	3	0.84	5.5
Q007470		0.15	0.01	0.11	0.19	77	30	0.31	0.02	31.2	1.96	2.88	0.6	1	0.58	5.5
Q007471		0.15	<0.01	0.05	0.10	175	110	0.48	0.02	28.6	3.89	1.80	0.8	1	0.20	7.9
Q007472		0.28	<0.01	0.14	0.06	16	50	0.12	0.01	36.0	0.26	2.63	0.4	1	0.08	1.7
Q007473		0.18	0.07	0.04	0.22	26	70	0.33	0.02	29.2	0.07	2.02	0.4	4	0.23	1.9
Q007474		0.19	<0.01	0.09	0.06	23	30	0.18	0.02	35.8	0.55	0.92	0.3	<1	0.12	2.2
Q007475		0.14	0.05	0.04	0.28	60	70	0.36	0.02	24.9	0.32	3.77	0.6	2	0.28	2.4
Q007476		0.16	0.01	0.30	0.27	79	40	0.26	0.02	35.4	1.46	4.60	1.3	4	0.21	3.4

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007456		0.06	0.29	0.22	<0.1	0.61	<0.005	0.03	0.9	0.7	0.32	380	0.16	<0.01	0.1	1.0
Q007457		0.13	0.22	0.21	<0.1	0.05	<0.005	0.02	0.9	0.8	9.95	104	0.18	0.01	0.1	5.1
Q007458		0.06	0.25	0.21	<0.1	0.24	<0.005	0.03	5.8	0.7	0.42	50	0.54	0.01	0.1	1.3
Q007459		0.01	0.09	0.18	<0.1	0.03	<0.005	0.01	2.2	0.5	0.82	23	0.06	<0.01	0.1	0.4
Q007460		0.07	0.24	0.21	<0.1	0.33	<0.005	0.03	1.7	0.7	1.43	38	0.16	<0.01	0.1	1.0
Q007461		0.16	0.66	0.23	0.1	0.12	<0.005	0.12	1.3	2.1	8.51	93	0.51	0.02	0.3	3.5
Q007462		0.12	0.64	0.17	0.1	0.28	<0.005	0.10	2.2	1.1	2.46	39	0.34	0.01	0.3	2.1
Q007463		1.93	1.85	0.13	0.3	0.10	0.012	0.18	2.0	18.0	0.17	773	0.15	0.02	0.8	6.2
Q007464		0.07	0.38	0.15	<0.1	0.10	<0.005	0.06	1.7	0.9	0.49	22	0.10	<0.01	0.2	1.0
Q007465		0.96	0.37	0.13	0.1	0.57	<0.005	0.04	1.4	0.7	1.04	948	1.20	<0.01	0.2	20.6
Q007466		0.91	1.87	0.14	0.2	0.78	<0.005	0.30	3.3	2.9	4.49	1360	1.14	0.01	1.0	18.1
Q007467		0.42	2.10	0.15	0.3	0.68	<0.005	0.40	4.1	4.2	1.98	104	1.70	0.01	1.3	15.6
Q007468		0.29	1.39	0.14	0.2	0.24	<0.005	0.24	2.7	2.1	0.60	86	0.31	0.01	0.8	22.2
Q007469		0.20	0.82	0.19	0.2	0.28	<0.005	0.12	2.2	1.9	0.29	50	0.43	0.01	0.5	17.3
Q007470		0.19	0.52	0.18	0.1	0.09	<0.005	0.07	1.7	1.4	3.45	191	0.19	0.01	0.2	10.3
Q007471		0.30	0.34	0.19	0.1	0.07	<0.005	0.03	0.8	0.8	5.83	216	0.26	0.01	0.1	15.6
Q007472		0.05	0.23	0.17	<0.1	0.27	<0.005	0.02	4.5	0.6	0.20	80	0.94	<0.01	0.1	3.1
Q007473		0.13	0.60	0.21	0.1	1.02	<0.005	0.10	1.0	2.0	5.51	262	0.16	0.01	0.3	2.5
Q007474		0.05	0.22	0.22	<0.1	0.29	<0.005	0.02	0.6	0.5	0.81	171	0.13	<0.01	0.1	1.2
Q007475		0.38	0.78	0.17	0.1	1.45	<0.005	0.12	1.8	2.0	8.65	1410	0.19	0.02	0.4	3.8
Q007476		0.18	0.78	0.18	0.2	4.78	<0.005	0.10	3.1	1.0	0.12	501	1.05	<0.01	0.7	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
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VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007456		70	3.0	1.3	<0.002	<0.01	0.15	1.1	<1	<0.2	17.3	<0.05	<0.05	<0.2	<0.005	0.08
Q007457		100	4.7	1.1	<0.002	<0.01	0.24	0.3	<1	<0.2	95.7	<0.05	<0.05	<0.2	<0.005	0.05
Q007458		240	0.8	1.1	<0.002	<0.01	0.16	0.3	<1	<0.2	554	<0.05	<0.05	<0.2	<0.005	0.03
Q007459		60	1.8	0.3	<0.002	0.01	0.61	0.1	<1	<0.2	401	<0.05	<0.05	<0.2	<0.005	<0.02
Q007460		50	4.6	1.4	<0.002	0.01	0.16	0.3	<1	<0.2	134.5	<0.05	<0.05	0.2	0.005	0.02
Q007461		90	80.7	4.5	<0.002	<0.01	1.46	0.6	<1	<0.2	159.0	<0.05	<0.05	0.3	0.011	0.03
Q007462		70	6.9	4.2	<0.002	<0.01	0.57	0.5	<1	<0.2	463	<0.05	<0.05	0.4	0.010	0.03
Q007463		90	58.2	8.4	<0.002	<0.01	0.22	2.3	<1	0.2	12.2	0.06	<0.05	0.9	0.038	0.05
Q007464		130	1.5	2.4	<0.002	<0.01	0.11	0.4	<1	<0.2	124.5	<0.05	<0.05	0.2	0.006	0.02
Q007465		230	26.4	1.8	<0.002	<0.01	1.48	0.7	<1	<0.2	88.2	<0.05	<0.05	<0.2	0.006	0.23
Q007466		230	5.3	11.2	<0.002	<0.01	0.53	1.7	<1	0.2	132.0	0.06	<0.05	0.9	0.031	0.73
Q007467		250	3.7	16.0	<0.002	0.01	0.35	2.2	1	0.3	162.0	0.09	<0.05	1.3	0.041	0.14
Q007468		240	7.7	9.8	<0.002	<0.01	0.45	2.1	<1	0.3	68.4	0.05	<0.05	0.8	0.023	0.31
Q007469		290	8.0	5.7	<0.002	<0.01	0.33	1.1	<1	<0.2	118.5	<0.05	<0.05	0.5	0.016	0.26
Q007470		150	7.5	3.2	<0.002	<0.01	0.31	0.9	<1	<0.2	142.5	<0.05	<0.05	0.3	0.007	0.16
Q007471		200	6.7	1.3	<0.002	<0.01	0.67	1.9	<1	<0.2	98.2	<0.05	<0.05	0.2	<0.005	0.14
Q007472		60	3.9	1.0	0.002	0.01	0.12	0.2	1	<0.2	312	<0.05	<0.05	0.2	<0.005	0.02
Q007473		70	1.7	3.9	<0.002	<0.01	0.10	0.4	<1	<0.2	171.0	<0.05	<0.05	0.4	0.010	0.66
Q007474		30	3.3	1.1	<0.002	0.01	0.10	1.9	<1	<0.2	106.5	<0.05	<0.05	<0.2	<0.005	0.03
Q007475		190	1.6	4.6	<0.002	<0.01	0.15	0.6	<1	<0.2	129.5	<0.05	<0.05	0.5	0.015	0.59
Q007476		310	28.6	4.1	<0.002	<0.01	2.33	1.4	<1	0.2	55.3	<0.05	<0.05	0.5	0.016	0.38

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131719

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
Q007456		4.9	11	0.1	4.0	16	1.3
Q007457		0.8	6	0.2	3.6	62	1.5
Q007458		2.4	10	0.3	7.6	8	1.2
Q007459		2.3	12	0.1	3.7	3	<0.5
Q007460		0.6	5	0.2	4.8	21	1.5
Q007461		1.5	9	0.3	2.0	32	3.0
Q007462		0.6	6	0.3	5.1	27	2.7
Q007463		0.3	14	0.1	3.6	54	8.2
Q007464		0.3	3	0.2	3.2	13	1.5
Q007465		1.0	25	0.8	9.7	259	6.2
Q007466		1.9	16	1.4	3.1	232	8.2
Q007467		2.6	12	0.7	6.5	188	10.8
Q007468		3.9	11	0.7	12.9	544	7.2
Q007469		3.4	9	0.4	7.0	312	5.6
Q007470		2.7	9	0.5	7.7	146	4.0
Q007471		2.1	12	1.3	12.4	210	4.1
Q007472		4.0	11	0.2	6.6	6	1.1
Q007473		1.8	8	0.3	1.2	6	3.2
Q007474		0.8	9	0.1	5.7	15	1.9
Q007475		2.5	13	0.4	2.0	46	4.0
Q007476		6.6	45	0.5	8.9	106	5.5

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CERTIFICATE OF ANALYSIS WH13131719

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au- AA26	Hg- CV41	ME- MS61

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

CERTIFICATE WH13125271

Project: NADALEEN

P.O. No.: R13-20

This report is for 71 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Pb-VOL70	Pb by Titration	
Sb-AA08	Sb - KClO3/HCl digestion AA	AAS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125271

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q005793		0.09	0.01	0.72	3.82	398	2010	2.48	0.16	0.03	3.47	69.8	35.7	63	6.65	318
Q005794		0.09	<0.01	0.33	1.99	291	560	0.88	0.08	0.07	1.33	22.3	6.8	55	1.62	47.1
Q005795		0.08	0.01	16.75	2.14	>10000	1750	1.18	0.36	0.02	17.15	21.6	1.6	39	2.05	291
Q005796		0.08	0.01	11.30	2.81	9600	2260	1.33	0.31	0.02	17.40	29.6	1.4	50	2.97	288
Q005797		0.08	<0.01	4.83	1.91	5580	1110	0.74	1.23	0.02	3.00	21.2	1.3	39	1.77	99.5
Q005798		0.07	<0.01	>100	1.24	>10000	110	0.73	0.85	0.02	95.0	16.15	0.8	24	1.60	256
Q005799		0.13	0.01	>100	0.58	>10000	100	0.53	0.68	0.02	132.5	8.74	0.5	10	0.68	365
Q005800		0.07	<0.01	22.0	3.52	>10000	1550	1.30	0.25	0.02	6.33	46.1	1.2	56	4.86	171.0
Q007601		0.10	<0.01	>100	0.21	>10000	50	0.31	0.11	0.01	264	3.18	0.1	6	0.15	678
Q007602		0.22	<0.01	74.6	1.72	>10000	1000	0.82	0.29	0.02	101.0	18.20	0.6	36	2.09	160.5
Q007603		0.06	<0.01	>100	1.09	>10000	300	1.36	0.23	0.02	422	7.79	0.8	31	0.95	423
Q007604		0.07	0.01	6.48	1.42	3600	660	1.46	0.15	0.01	5.73	19.45	1.2	38	2.73	233
Q007605		0.13	0.01	4.94	0.20	386	100	0.17	0.02	24.4	21.3	3.63	1.6	2	0.20	7.0
Q007606		0.17	<0.01	0.59	0.11	98	120	0.26	0.01	24.1	7.67	1.96	1.9	2	0.11	1.8
Q007607		0.12	<0.01	0.74	0.49	360	150	0.51	0.01	21.5	7.19	7.49	2.8	5	0.52	2.6
Q007608		0.17	0.02	5.70	2.20	6150	840	0.97	0.12	0.11	8.56	27.6	0.9	45	4.53	67.5
Q007609		0.17	0.05	3.73	4.54	>10000	6490	2.36	0.20	0.08	45.1	50.5	1.8	69	6.03	82.5
Q007610		0.09	0.03	2.98	5.23	4140	1890	2.16	0.21	0.04	11.80	64.3	1.5	73	10.00	27.9
Q007611		0.08	0.03	8.22	2.10	4620	850	0.83	0.38	0.04	3.97	26.8	0.8	42	4.08	34.5
Q007612		0.48	0.01	0.70	5.90	320	2670	1.72	0.28	0.04	0.14	69.6	2.8	84	10.65	18.5
Q007613		0.32	0.01	0.87	5.13	1540	3440	1.42	0.22	0.06	10.95	62.5	5.6	81	9.19	50.2
Q007614		0.26	<0.01	0.72	5.31	254	3260	1.58	0.32	0.04	0.55	72.5	3.3	82	10.05	28.7
Q007615		0.11	0.01	0.42	3.22	22.1	1760	1.44	0.15	0.03	1.45	40.3	8.7	53	10.80	91.7
Q007556		0.39	<0.01	0.21	0.29	198.0	660	0.08	0.02	0.05	0.25	4.98	0.4	23	1.44	5.9
Q007557		0.13	<0.01	0.22	0.28	1860	450	0.09	0.02	0.03	0.23	6.53	0.4	36	0.88	7.6
Q007558		0.21	<0.01	0.24	0.22	>10000	630	0.07	0.02	0.03	0.06	6.16	0.3	33	0.81	7.1
Q007559		0.57	<0.01	0.21	0.28	512	490	0.11	0.02	0.03	0.09	6.42	0.5	33	0.82	9.4
Q007560		0.46	<0.01	0.76	0.36	>10000	370	0.10	0.03	0.04	0.38	4.91	0.5	25	0.79	4.3
Q007561		0.39	<0.01	1.10	0.38	>10000	340	0.07	0.04	0.03	0.36	4.98	0.5	26	1.03	4.3
Q007562		0.07	<0.01	0.85	0.48	>10000	330	<0.05	0.02	0.08	0.63	1.52	0.7	24	0.54	5.0
Q007563		0.17	<0.01	0.50	1.03	1340	550	0.28	0.04	0.02	0.52	10.80	1.0	40	2.58	5.7
Q007564		0.18	<0.01	10.90	0.58	>10000	740	0.19	0.02	0.42	17.45	5.00	0.6	29	0.97	10.0
Q007565		0.09	<0.01	5.47	0.11	>10000	50	<0.05	0.01	0.04	8.88	0.74	0.3	8	4.49	5.0
Q007566		0.11	<0.01	0.61	0.18	>10000	80	<0.05	0.01	0.05	0.14	1.19	0.5	14	0.54	3.7
Q007584		0.25	<0.01	1.62	2.52	1470	1050	1.40	0.12	0.10	24.8	35.6	4.9	109	4.32	91.0
Q007585		0.13	0.11	1.35	2.80	3110	1530	1.57	0.09	0.07	32.3	22.8	3.9	80	5.30	193.0
Q007586		0.13	0.01	0.88	1.25	>10000	270	13.70	0.03	0.26	153.0	73.8	75.9	46	2.54	65.3
Q007587		0.25	<0.01	0.89	3.14	2220	1020	1.73	0.15	0.06	15.7	24.5	1.9	77	10.70	208
Q007588		0.39	<0.01	0.85	2.82	129.5	740	0.84	0.09	0.02	1.39	22.8	1.0	43	5.00	59.8
Q007589		0.27	<0.01	2.24	2.98	839	1060	1.45	0.13	0.04	12.95	23.8	1.2	68	8.88	132.0

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125271

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q005793		20.8	8.73	0.61	1.6	0.34	0.039	1.38	30.1	6.3	0.27	1470	8.48	0.03	8.8	149.5
Q005794		2.20	5.14	0.10	1.0	1.08	0.029	0.68	14.3	18.1	0.14	512	13.35	0.04	9.2	29.3
Q005795		2.90	8.73	0.26	0.7	>100	0.289	0.69	11.2	55.3	0.06	75	3.40	0.02	4.7	11.4
Q005796		2.59	13.00	0.26	1.1	>100	0.688	0.92	16.3	53.2	0.11	78	2.89	0.02	6.9	13.7
Q005797		2.86	4.68	0.13	0.8	8.5	0.049	0.70	11.0	57.7	0.08	94	4.82	0.01	4.9	16.9
Q005798		3.54	4.73	0.48	0.5	>100	0.192	0.39	8.6	24.7	0.04	38	3.72	0.01	2.9	6.6
Q005799		1.43	2.24	0.42	0.2	69.6	0.141	0.16	5.4	4.3	0.02	9	2.46	<0.01	1.0	3.7
Q005800		4.36	8.95	0.24	1.4	>100	0.148	1.39	23.0	51.5	0.16	74	3.43	0.03	9.6	10.2
Q007601		0.30	1.53	0.24	<0.1	93.0	0.116	0.02	2.9	5.9	<0.01	10	1.39	<0.01	0.2	1.0
Q007602		1.37	8.78	0.22	0.7	>100	0.191	0.63	10.3	63.5	0.07	38	1.48	0.02	4.6	7.4
Q007603		1.21	4.35	0.33	0.2	>100	0.174	0.14	5.2	28.9	0.02	37	23.2	0.01	1.0	6.7
Q007604		20.4	4.54	0.66	0.8	25.7	0.045	0.52	11.2	6.6	0.06	44	13.05	0.02	3.9	9.5
Q007605		0.29	0.90	0.13	0.1	36.7	0.006	0.08	1.6	1.3	9.87	264	6.98	0.01	0.5	7.9
Q007606		0.18	0.49	0.27	0.1	2.15	<0.005	0.04	0.9	1.4	10.30	244	0.53	0.01	0.5	6.9
Q007607		0.72	1.33	0.08	0.2	8.1	0.006	0.19	3.8	3.0	10.55	214	2.34	0.02	1.2	16.1
Q007608		2.97	6.74	0.12	1.1	46.1	0.059	0.94	14.9	28.0	0.15	60	3.59	0.03	6.0	9.6
Q007609		5.39	13.55	0.19	2.0	45.3	0.165	1.91	27.6	17.2	0.25	22	4.07	0.02	14.6	25.6
Q007610		2.08	16.05	0.14	2.7	95.1	0.097	2.21	33.8	18.5	0.30	47	2.96	0.06	18.0	16.1
Q007611		2.27	6.22	0.11	1.2	50.3	0.059	0.91	14.2	35.9	0.11	71	4.55	0.03	6.6	9.0
Q007612		2.05	19.30	0.14	2.9	1.79	0.077	2.62	37.7	15.0	0.43	24	4.47	0.03	16.5	23.6
Q007613		3.86	17.60	0.16	2.6	10.35	0.168	2.07	34.2	23.2	0.31	45	4.49	0.02	15.3	36.7
Q007614		2.40	17.20	0.17	3.0	0.95	0.066	2.35	39.2	15.0	0.35	31	6.03	0.03	18.5	26.9
Q007615		9.63	9.04	0.24	1.6	0.30	0.040	1.27	21.5	41.4	0.26	285	4.26	0.07	9.8	70.7
Q007556		0.56	0.99	<0.05	0.1	11.2	<0.005	0.08	10.6	3.9	0.02	44	0.51	0.01	0.5	3.5
Q007557		0.82	0.92	0.10	0.1	6.8	<0.005	0.07	12.1	3.3	0.02	84	0.38	0.01	0.6	3.5
Q007558		0.63	0.76	0.12	0.1	6.3	0.005	0.05	12.2	2.9	0.01	66	0.37	0.01	0.5	3.5
Q007559		0.58	0.91	0.10	0.1	7.09	<0.005	0.07	14.6	3.2	0.02	68	0.50	0.01	0.4	2.9
Q007560		0.84	1.04	0.10	0.2	>100	0.015	0.11	5.8	5.4	0.02	80	0.41	0.01	0.8	2.8
Q007561		0.70	1.13	0.10	0.2	44.9	0.017	0.11	5.1	4.5	0.02	62	0.43	0.01	0.9	2.7
Q007562		1.53	1.21	0.12	0.1	>100	0.033	0.16	1.3	6.6	0.02	147	0.63	0.01	0.4	4.2
Q007563		0.97	2.77	0.07	0.4	21.1	0.009	0.28	9.8	7.8	0.06	94	0.55	0.03	1.7	5.0
Q007564		1.76	3.24	0.08	0.2	>100	0.087	0.13	4.2	16.3	0.03	113	0.73	0.01	0.8	4.0
Q007565		0.61	2.93	0.10	0.1	NSS	0.429	0.03	0.7	5.9	0.01	52	0.46	<0.01	0.3	2.4
Q007566		1.02	0.65	0.06	0.1	>100	0.080	0.05	1.5	6.7	0.01	98	0.50	<0.01	0.3	3.0
Q007584		2.81	5.99	0.15	0.8	12.5	0.019	0.77	30.5	8.4	0.12	67	28.0	0.02	3.5	52.6
Q007585		10.50	8.78	0.36	1.0	2.25	0.138	0.74	15.0	12.6	0.13	81	337	0.02	4.3	71.0
Q007586		38.9	2.75	1.08	0.9	1.05	0.026	0.24	84.0	2.6	0.05	951	138.5	0.01	1.6	3100
Q007587		8.78	10.90	0.34	1.1	2.00	0.175	1.06	13.7	16.0	0.12	65	655	0.02	4.8	52.7
Q007588		1.37	7.89	0.13	1.1	2.09	0.013	1.06	13.8	26.7	0.09	44	28.2	0.01	4.9	17.5
Q007589		4.82	10.15	0.35	1.3	1.70	0.061	1.07	14.6	11.3	0.17	41	157.0	0.03	5.8	32.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125271

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q005793		2710	25.4	62.6	0.005	0.12	4.23	16.7	8	1.1	93.9	0.53	0.09	5.6	0.189	0.67
Q005794		460	143.0	26.3	0.008	0.06	3.18	2.0	2	0.7	27.4	0.56	0.09	2.5	0.232	0.27
Q005795		1190	>10000	28.5	0.002	0.38	811	6.3	37	2.1	140.0	0.28	0.06	3.1	0.103	1.41
Q005796		1160	>10000	39.7	0.002	0.27	692	6.0	37	4.7	140.5	0.42	0.08	4.4	0.153	0.73
Q005797		680	8240	29.5	<0.002	0.20	317	5.6	5	0.9	49.6	0.29	0.09	3.4	0.106	0.69
Q005798		1450	>10000	17.1	<0.002	4.70	>10000	6.7	104	1.3	166.5	0.17	0.16	2.0	0.061	7.09
Q005799		440	>10000	6.7	<0.002	9.18	>10000	3.8	106	0.5	62.4	0.06	0.14	0.7	0.023	25.0
Q005800		1850	>10000	61.5	0.003	0.48	1925	8.1	23	1.9	225	0.56	0.08	6.5	0.201	2.70
Q007601		210	>10000	1.1	<0.002	>10.0	>10000	2.6	60	0.2	28.3	<0.05	0.05	0.2	<0.005	33.3
Q007602		240	>10000	29.0	0.002	2.40	8300	14.2	48	0.9	49.8	0.28	<0.05	2.5	0.091	22.0
Q007603		1280	>10000	7.4	<0.002	7.39	>10000	16.9	106	0.5	68.4	0.06	0.05	1.1	0.022	12.15
Q007604		1450	7830	23.8	0.003	0.33	521	9.0	136	0.7	37.2	0.23	0.12	2.1	0.080	0.79
Q007605		70	3370	3.2	<0.002	0.05	164.5	0.6	3	0.2	151.0	<0.05	<0.05	0.3	0.007	0.16
Q007606		30	282	1.6	<0.002	<0.01	17.05	0.3	2	<0.2	124.0	<0.05	<0.05	0.2	0.007	0.07
Q007607		110	475	7.8	<0.002	0.05	21.5	1.1	2	0.2	146.5	0.06	<0.05	0.9	0.026	0.18
Q007608		580	6430	42.3	0.002	0.24	209	7.0	9	0.8	46.2	0.38	0.09	3.7	0.128	2.58
Q007609		1230	6410	88.0	0.004	0.30	105.0	15.6	16	2.4	105.5	0.83	0.12	8.0	0.270	1.97
Q007610		940	3330	103.0	0.004	0.18	58.4	11.8	6	3.0	91.9	1.11	0.12	10.0	0.332	1.70
Q007611		440	4010	43.5	<0.002	0.22	78.3	6.9	13	0.9	49.7	0.39	0.11	3.7	0.131	6.34
Q007612		730	373	122.5	0.004	0.18	6.45	9.5	7	2.1	127.0	1.12	0.12	10.4	0.354	1.82
Q007613		1320	889	96.5	0.003	0.42	9.72	11.3	8	1.9	208	0.99	0.14	10.3	0.319	3.20
Q007614		1180	245	110.0	0.004	0.26	8.70	9.5	11	2.0	196.0	1.24	0.14	10.6	0.380	1.70
Q007615		1020	40.9	59.7	0.003	0.04	5.12	11.7	6	1.1	77.8	0.60	0.08	6.0	0.192	0.66
Q007556		120	98.0	4.2	0.002	0.03	5.09	0.5	1	0.2	83.0	<0.05	<0.05	0.6	0.014	2.86
Q007557		240	45.4	3.6	0.020	0.09	2.24	0.4	1	0.3	179.0	<0.05	<0.05	0.8	0.017	1.37
Q007558		250	24.5	2.7	0.023	0.53	2.17	0.2	1	0.3	186.5	<0.05	<0.05	0.7	0.013	0.57
Q007559		310	46.7	3.4	0.017	0.02	2.49	0.3	<1	0.3	224	<0.05	<0.05	0.8	0.013	0.98
Q007560		120	26.1	5.5	0.004	2.23	3.14	0.7	2	0.3	73.0	0.05	<0.05	0.7	0.024	2.04
Q007561		100	33.8	5.7	0.005	2.40	6.57	0.9	1	0.3	70.1	0.05	<0.05	0.7	0.023	2.32
Q007562		80	19.8	6.5	0.005	3.24	4.94	0.7	1	0.6	46.0	<0.05	<0.05	0.3	0.012	2.37
Q007563		150	33.9	14.6	0.003	0.07	1.26	1.5	2	0.4	102.0	0.11	<0.05	1.3	0.055	8.17
Q007564		240	128.0	7.2	0.005	0.46	2.36	1.4	4	0.9	93.3	<0.05	<0.05	1.1	0.017	8.02
Q007565		50	17.5	1.3	0.003	>10.0	6.74	0.6	12	1.7	25.4	<0.05	<0.05	0.2	0.005	39.8
Q007566		90	15.3	2.3	0.005	4.32	3.62	0.5	2	0.3	49.2	<0.05	<0.05	0.2	0.005	1.42
Q007584		1110	14.7	35.7	0.003	0.12	30.1	4.8	4	0.7	255	0.23	0.35	3.3	0.110	1.14
Q007585		2020	50.2	35.8	0.003	0.12	84.2	6.7	43	0.6	211	0.26	0.22	3.2	0.113	3.20
Q007586		1750	215	10.8	0.005	0.03	54.1	12.0	61	0.3	51.5	0.22	0.08	1.6	0.026	3.99
Q007587		1570	73.3	46.5	0.016	0.18	149.5	11.7	30	0.9	273	0.29	0.19	4.4	0.134	1.37
Q007588		390	55.6	44.0	0.002	0.13	11.55	5.4	11	0.7	72.8	0.32	0.11	4.0	0.139	2.01
Q007589		840	56.3	53.2	0.010	0.23	41.8	9.3	55	1.0	137.5	0.35	0.25	3.8	0.155	2.99

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125271

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1	Pb-VOL70 Pb % 0.01	Sb-AA08 Sb % 0.01
Q005793		5.2	229	1.3	48.8	928	59.9							
Q005794		5.6	253	0.5	7.0	139	42.4							
Q005795		1.7	121	1.4	10.3	1440	29.2		2.85		1.300	294		
Q005796		2.2	160	2.0	12.0	1040	43.5		2.01			417		
Q005797		1.9	154	1.2	8.3	254	30.5							
Q005798		5.5	90	0.9	6.2	929	17.1	521	>20.0		3.57	352	35.89	2.44
Q005799		4.9	44	0.3	3.6	436	6.6	615	>20.0		4.60		55.05	3.77
Q005800		3.1	205	2.3	14.6	688	55.6		2.69		1.310	208		
Q007601		10.6	22	0.1	2.0	5320	1.4	297	>20.0		5.53		61.69	2.57
Q007602		4.8	119	0.8	8.3	442	28.9		18.25		1.405	250		
Q007603		15.7	120	0.3	6.8	887	8.8	367	>20.0		2.56	260	45.50	2.27
Q007604		2.0	143	0.8	7.9	1980	30.8							
Q007605		1.7	6	0.3	2.2	1380	2.4							
Q007606		1.7	5	0.3	1.0	322	2.5							
Q007607		1.4	8	0.8	2.8	575	8.1							
Q007608		2.3	142	1.1	10.7	396	40.3							
Q007609		4.3	273	2.2	32.2	1580	77.3				1.880			
Q007610		4.6	283	2.7	20.9	314	102.5							
Q007611		2.0	120	1.1	10.0	222	46.6							
Q007612		3.9	292	2.0	19.7	73	110.0							
Q007613		3.3	290	2.1	18.3	328	92.2							
Q007614		4.2	310	2.0	20.1	78	112.5							
Q007615		3.5	231	0.9	24.8	580	64.7							
Q007556		1.1	12	0.2	1.5	17	4.1							
Q007557		1.5	13	0.5	1.7	4	5.0							
Q007558		1.2	13	0.5	1.3	2	3.6				1.125			
Q007559		1.8	13	0.3	1.8	3	3.9							
Q007560		0.6	12	0.5	1.2	12	7.2				5.40	273		
Q007561		0.6	13	0.5	1.4	13	7.5				4.82			
Q007562		0.4	10	0.3	0.7	19	3.7				8.00	749		
Q007563		1.3	32	0.8	3.2	17	15.1							
Q007564		2.6	25	0.9	9.7	3750	7.9				1.670	834		
Q007565		0.3	6	0.1	0.4	171	2.6				NSS			
Q007566		0.3	6	0.2	0.6	15	2.5				10.25	228		
Q007584		8.2	938	1.0	45.3	463	32.7							
Q007585		5.9	1600	4.0	25.5	993	41.9							
Q007586		9.2	2690	4.3	>500	>10000	21.9			2.50	1.925			
Q007587		9.8	999	1.8	25.6	540	49.0							
Q007588		5.1	446	1.9	24.8	98	41.4							
Q007589		7.0	1440	2.3	24.8	173	48.4							

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1016-510 W HASTINGS ST
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Finalized Date: 12-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125271

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007590		0.19	0.01	1.29	2.71	1180	940	1.13	0.10	0.04	9.05	22.1	1.2	71	9.44	172.5
Q007591		0.38	0.01	1.77	2.80	681	1610	1.22	0.10	0.03	5.69	26.3	0.8	64	8.22	148.5
Q007592		0.16	<0.01	0.35	6.11	215	1490	1.81	0.22	0.24	1.16	71.4	12.0	85	42.5	57.0
Q007593		0.22	<0.01	0.27	0.25	251	180	0.14	0.02	34.3	2.40	3.03	0.7	12	0.32	6.2
Q007594		0.10	<0.01	0.87	4.29	4450	780	2.38	0.12	18.95	15.20	39.0	35.9	56	18.70	38.7
Q007595		0.14	<0.01	0.57	0.30	>10000	90	2.65	0.01	1.01	64.4	0.89	32.8	3	0.11	70.6
Q007596		0.30	<0.01	0.24	0.23	192	160	0.17	0.01	36.6	6.57	9.95	2.0	4	0.51	7.8
Q007597		0.34	<0.01	0.08	0.19	172	80	0.15	<0.01	35.5	6.71	2.39	1.1	3	1.02	1.8
Q007598		0.22	<0.01	0.23	0.49	288	120	0.38	0.02	33.7	1.54	4.74	1.4	10	1.62	3.9
Q007599		0.26	0.01	0.61	2.24	2380	440	1.25	0.08	25.6	10.25	21.8	12.0	33	7.69	20.9
Q007600		0.23	0.01	0.08	0.72	148	70	0.53	0.02	35.3	5.06	7.81	1.3	7	1.70	3.7
Q007651		0.22	<0.01	0.11	0.70	938	70	1.00	0.03	33.5	2.20	8.80	1.2	8	1.10	3.2
Q007652		0.45	<0.01	0.20	0.72	1500	430	0.92	0.03	33.2	2.62	9.21	1.5	14	2.06	5.8
Q007653		0.21	0.01	0.08	0.57	328	70	0.67	0.02	35.5	2.37	6.80	1.6	6	1.54	2.9
Q007654		0.16	<0.01	0.15	0.21	293	60	0.49	0.02	34.6	3.25	2.13	1.1	4	0.59	6.5
Q007655		0.45	<0.01	0.85	0.10	>10000	140	0.48	0.01	0.64	32.4	1.18	10.7	4	0.22	11.6
Q007656		0.37	<0.01	0.85	1.02	>10000	880	2.95	0.04	0.64	58.4	11.20	11.5	19	4.71	26.5
Q007657		0.50	<0.01	0.54	0.77	>10000	440	4.43	0.02	0.91	90.6	6.32	12.3	20	3.01	20.8
Q007658		0.21	<0.01	0.45	1.25	>10000	200	5.17	0.04	0.34	32.7	12.95	21.5	19	3.66	18.7
Q007659		0.45	<0.01	0.98	4.49	236	1760	2.23	0.17	0.05	1.88	46.6	5.8	96	14.20	130.5
Q007660		0.30	<0.01	0.87	4.80	93.2	1830	1.65	0.21	0.02	0.51	52.2	2.4	104	15.80	41.1
Q007661		0.12	<0.01	0.10	5.24	48.9	250	1.38	0.22	0.10	1.10	56.8	12.8	41	6.24	25.6
Q007662		0.16	<0.01	0.06	4.64	40.8	260	1.34	0.20	3.32	15.15	48.7	18.4	30	4.37	33.1
Q007663		0.31	<0.01	<0.01	4.56	7	280	0.75	0.02	16.25	0.16	44.5	12.8	3	2.11	14.2
Q007664		0.20	<0.01	<0.01	6.56	9	1000	1.45	0.02	11.35	0.12	88.3	41.0	3	3.63	27.5
Q007665		0.22	<0.01	<0.01	4.40	<5	730	1.04	0.02	21.1	0.03	71.3	12.1	2	3.12	16.1
Q007666		0.22	0.01	2.03	3.48	42.7	2920	1.66	0.15	0.45	1.74	37.3	6.0	88	15.60	190.5
Q007667		0.15	0.01	2.57	3.86	108.5	1550	1.42	0.20	0.19	0.56	45.0	2.7	111	17.20	94.5
Q007668		0.13	0.01	3.32	2.51	94.7	2040	0.95	0.11	0.02	0.08	35.3	8.4	71	8.50	243
Q007669		0.16	0.01	2.05	4.42	101.0	2120	1.54	0.24	0.02	0.17	50.0	2.5	130	23.5	70.5
Q007670		0.09	<0.01	0.26	0.55	1580	110	0.42	0.02	0.41	4.81	3.93	10.9	16	0.45	10.9

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 12-AUG-2013
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125271

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q007590		5.73	10.35	0.39	1.1	1.75	0.278	0.97	12.8	26.5	0.10	53	170.0	0.02	5.1	19.3
Q007591		3.47	9.97	0.26	1.2	2.25	0.147	1.07	15.2	18.3	0.12	38	102.0	0.02	5.5	16.6
Q007592		3.69	17.50	0.22	3.0	0.51	0.059	2.33	38.3	31.8	0.52	585	5.92	0.18	19.2	51.8
Q007593		0.26	0.87	0.06	0.3	0.77	0.006	0.07	3.6	1.3	0.32	815	2.47	<0.01	1.0	3.8
Q007594		7.57	11.20	0.44	1.3	0.71	0.039	1.31	25.2	26.6	0.30	358	11.30	0.06	6.7	828
Q007595		>50	0.85	1.05	0.2	0.73	0.023	0.01	0.7	1.5	0.05	288	39.4	<0.01	1.1	956
Q007596		0.53	0.73	0.05	0.1	0.17	0.005	0.09	12.4	1.0	0.21	98	2.09	<0.01	0.7	18.4
Q007597		0.35	0.63	<0.05	0.1	0.09	0.005	0.06	2.9	1.6	0.13	1330	0.60	<0.01	0.5	15.9
Q007598		0.45	1.49	0.05	0.2	0.18	0.007	0.18	4.5	3.9	0.10	378	1.10	0.01	1.1	21.8
Q007599		3.54	6.45	0.16	0.8	0.46	0.028	0.74	16.7	13.9	0.19	366	9.14	0.04	4.2	241
Q007600		0.39	1.97	0.06	0.3	0.14	0.007	0.33	3.9	2.9	0.31	360	0.55	0.01	1.3	15.5
Q007651		1.42	1.99	0.07	0.3	0.50	0.006	0.34	5.3	3.3	0.33	771	2.62	<0.01	1.7	23.2
Q007652		2.04	2.14	0.08	0.3	0.34	0.009	0.31	5.3	3.0	0.21	734	3.70	<0.01	1.8	36.0
Q007653		0.40	1.54	0.06	0.2	0.23	0.006	0.28	3.4	2.5	0.61	467	0.77	<0.01	1.3	10.7
Q007654		0.53	0.61	0.05	0.1	0.12	<0.005	0.09	1.1	0.7	0.59	343	0.99	<0.01	0.8	11.3
Q007655		>50	0.81	1.10	0.1	18.8	0.014	0.02	0.8	1.3	0.02	181	38.8	0.01	1.0	184.0
Q007656		49.6	4.53	1.12	0.4	3.38	0.028	0.31	8.3	4.3	0.06	225	27.8	0.01	2.1	528
Q007657		46.7	5.26	1.53	0.4	2.06	0.032	0.19	3.8	3.5	0.05	346	62.2	0.01	1.3	374
Q007658		>50	3.50	1.00	0.4	0.63	0.020	0.31	9.9	6.1	0.08	243	28.5	0.02	2.0	855
Q007659		4.43	12.30	0.18	2.3	0.22	0.044	1.49	28.2	22.5	0.29	163	8.06	0.08	14.9	107.5
Q007660		2.68	13.55	0.16	2.4	0.15	0.044	2.17	29.4	15.8	0.39	68	5.77	0.07	19.3	29.0
Q007661		4.32	12.75	0.16	2.1	0.07	0.062	2.02	25.3	30.0	0.88	1120	0.81	0.40	8.2	18.8
Q007662		4.34	11.95	0.15	1.8	0.07	0.061	1.68	22.3	32.6	1.99	1540	0.70	0.35	6.8	28.3
Q007663		5.12	11.10	0.14	3.0	0.02	0.043	0.45	21.0	68.3	1.83	777	0.43	1.09	35.7	8.9
Q007664		5.94	17.00	0.21	4.1	0.03	0.069	1.87	41.0	64.0	1.65	865	0.43	0.73	33.7	14.6
Q007665		4.29	12.65	0.23	3.6	0.02	0.050	1.41	35.8	59.6	1.49	1140	0.40	0.38	34.3	7.9
Q007666		6.98	9.82	0.18	1.9	0.57	0.052	1.36	21.0	13.2	0.27	345	9.88	0.15	16.4	85.9
Q007667		4.93	12.05	0.19	2.2	0.37	0.069	1.73	26.5	15.8	0.29	76	20.6	0.05	16.9	41.9
Q007668		31.0	7.55	0.37	1.5	0.39	0.060	0.91	18.0	6.5	0.16	19	16.65	0.03	11.6	140.0
Q007669		6.86	14.85	0.21	2.3	0.24	0.081	2.07	28.6	14.7	0.34	24	14.25	0.05	18.5	43.7
Q007670		4.76	0.58	0.12	0.1	0.21	0.006	0.06	11.8	4.8	0.01	145	7.76	0.02	0.3	129.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125271

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
Q007590		950	40.7	42.3	0.012	0.32	56.4	9.2	55	1.0	239	0.31	0.39	3.9	0.136	3.79
Q007591		1140	54.9	49.0	0.007	0.28	40.2	7.7	31	1.1	265	0.34	0.21	4.2	0.148	3.66
Q007592		1090	29.6	127.0	0.002	0.05	4.15	12.5	4	2.0	76.6	1.15	0.09	10.1	0.376	1.67
Q007593		160	22.0	3.2	0.002	0.01	1.40	4.4	2	0.2	111.0	<0.05	<0.05	0.4	0.015	0.24
Q007594		830	104.5	68.3	<0.002	0.03	10.00	9.2	45	1.2	163.5	0.39	0.06	6.1	0.160	2.47
Q007595		360	3.6	0.4	0.002	0.06	8.10	5.9	10	<0.2	20.6	<0.05	<0.05	<0.2	<0.005	0.60
Q007596		150	4.6	3.1	0.002	0.01	0.52	3.0	2	<0.2	256	<0.05	<0.05	0.4	0.010	0.05
Q007597		170	5.4	3.1	<0.002	0.01	0.33	0.8	1	<0.2	309	<0.05	<0.05	0.2	<0.005	0.53
Q007598		350	11.1	8.1	<0.002	<0.01	0.62	3.2	2	0.2	90.9	0.05	<0.05	0.8	0.020	0.26
Q007599		1250	76.6	36.1	<0.002	0.01	5.41	6.8	7	0.9	143.5	0.23	0.05	3.7	0.100	1.56
Q007600		340	4.1	13.0	<0.002	0.01	0.27	1.6	1	0.3	105.5	0.06	<0.05	0.9	0.028	0.21
Q007651		210	4.8	12.6	<0.002	0.11	1.47	6.5	2	0.2	41.9	0.08	<0.05	1.3	0.039	0.36
Q007652		410	14.4	12.1	<0.002	0.11	2.84	4.6	2	0.3	81.0	0.08	<0.05	1.3	0.040	1.15
Q007653		320	2.8	10.8	<0.002	0.01	0.25	1.4	2	0.2	76.4	0.06	<0.05	1.0	0.030	0.14
Q007654		210	4.8	3.7	<0.002	0.01	0.65	0.9	1	<0.2	39.3	<0.05	<0.05	0.4	0.012	0.32
Q007655		230	7.1	0.7	0.003	0.17	6.80	1.4	42	<0.2	21.0	<0.05	<0.05	0.2	<0.005	0.53
Q007656		600	6.9	14.1	0.002	0.15	5.17	7.4	9	0.4	85.5	0.09	<0.05	1.5	0.036	6.12
Q007657		580	3.7	9.4	<0.002	0.08	8.63	12.0	11	0.2	69.1	0.06	<0.05	1.3	0.020	12.70
Q007658		580	8.3	15.3	0.002	0.10	4.19	9.9	3	0.3	31.0	0.10	<0.05	1.5	0.037	0.63
Q007659		1020	13.3	79.3	0.002	0.24	5.64	8.3	6	1.4	147.0	0.88	0.11	6.2	0.262	1.29
Q007660		590	16.7	96.8	0.003	0.31	3.48	7.4	4	1.5	91.3	1.13	0.11	6.0	0.342	1.13
Q007661		530	15.8	73.4	<0.002	0.01	0.60	8.3	1	1.7	18.4	0.69	0.05	6.8	0.299	0.41
Q007662		410	15.8	64.1	<0.002	0.07	0.52	9.6	1	1.5	36.9	0.48	0.07	5.5	0.242	0.41
Q007663		3000	2.6	8.7	0.003	0.01	0.12	8.4	1	0.9	187.0	2.35	<0.05	3.1	0.957	0.03
Q007664		4460	3.1	33.4	<0.002	0.02	0.08	12.8	1	0.8	181.5	2.00	<0.05	4.5	1.375	0.08
Q007665		3830	1.6	25.1	<0.002	<0.01	0.06	9.5	1	0.9	276	2.17	<0.05	3.4	0.890	0.05
Q007666		2540	12.6	63.0	0.002	0.26	10.45	9.9	9	1.1	136.0	0.89	0.16	6.0	0.231	1.24
Q007667		2500	18.5	78.9	0.005	0.62	12.90	8.0	12	1.4	258	0.98	0.18	8.3	0.272	2.18
Q007668		870	22.3	39.5	0.006	0.47	21.5	8.5	66	0.9	53.5	0.68	0.15	5.0	0.174	0.61
Q007669		980	19.4	93.7	0.007	0.44	9.87	8.3	17	1.7	183.0	1.09	0.18	7.6	0.309	1.88
Q007670		1410	3.5	2.6	0.002	0.06	4.46	0.5	2	<0.2	61.5	<0.05	<0.05	0.3	0.010	1.22

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125271

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42	Pb-VOL70	Sb-AA08
Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg	Pb	Sb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	%	%
LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.1	0.01	0.01
Q007590	5.2	1120	2.4	22.4	308	46.2							
Q007591	6.7	924	2.3	24.5	173	45.7							
Q007592	3.8	305	1.5	24.2	348	114.5							
Q007593	5.4	75	0.5	65.9	54	20.3							
Q007594	5.4	219	3.7	39.9	1560	52.9							
Q007595	9.7	140	1.2	56.7	3410	18.4				2.76			
Q007596	1.8	24	0.2	17.8	46	4.9							
Q007597	2.7	12	0.3	8.6	55	2.4							
Q007598	5.4	41	0.6	10.6	82	8.1							
Q007599	9.5	119	2.8	25.1	584	33.3							
Q007600	1.3	10	0.5	5.8	174	10.6							
Q007651	12.2	29	1.0	18.6	74	14.5							
Q007652	7.7	38	1.4	12.3	149	14.3							
Q007653	2.4	12	0.6	3.2	266	9.5							
Q007654	1.1	19	0.3	4.2	282	6.1							
Q007655	1.3	50	0.6	8.3	1440	4.2				1.560			
Q007656	10.7	192	1.2	37.2	6490	20.7				2.32			
Q007657	5.4	329	1.0	61.2	4200	31.7				3.41			
Q007658	49.5	166	0.6	69.3	8510	16.8				1.290			
Q007659	5.1	462	1.0	30.0	706	96.6							
Q007660	3.3	516	1.3	16.2	216	107.0							
Q007661	1.8	82	1.0	16.2	95	95.8							
Q007662	1.3	78	0.8	16.9	430	65.9							
Q007663	0.9	108	0.3	15.5	105	148.5							
Q007664	1.3	169	0.5	28.0	258	208							
Q007665	1.1	115	0.6	26.3	33	163.0							
Q007666	6.4	439	0.9	28.6	425	96.2							
Q007667	4.6	592	1.2	19.2	232	99.9							
Q007668	3.0	368	0.7	24.4	599	115.5							
Q007669	3.9	580	1.2	19.8	186	117.0							
Q007670	2.7	56	0.1	48.9	560	4.8							

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NADALEEN

Finalized Date: 12-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13125271

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
Applies to Method: ME-MS61

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41 Hg-CV42

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	As-OG62	Au-AA26	Hg-CV41
	Hg-CV42	ME-MS61	ME-OG62	Pb-OG62
	Pb-VOL70	Sb-AA08	Zn-OG62	

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2013
Account: RCM

CERTIFICATE WH13135031

Project: Nadaleen

P.O. No.: R13-21

This report is for 45 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135031

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007616	0.53	<0.01	0.68	6.42	338	3520	1.70	0.27	0.08	0.09	76.7	3.5	95	10.30	25.5
Q007617	0.55	<0.01	0.74	5.90	318	2980	1.55	0.25	0.05	0.12	70.6	3.5	87	9.53	21.9
Q007618	0.16	<0.01	0.48	6.10	16.9	3840	1.85	0.26	0.07	0.66	71.0	6.3	88	19.85	72.3
Q007619	0.23	0.01	4.40	1.88	>10000	1300	1.08	0.12	0.04	18.60	21.9	0.8	40	3.04	87.7
Q007620	0.16	0.02	4.56	2.90	2500	1020	0.82	0.25	0.03	2.74	36.5	0.8	47	4.09	19.9
Q007621	0.42	<0.01	1.59	1.56	20.0	280	0.76	0.06	0.03	0.18	13.10	1.3	54	2.80	10.5
Q007622	0.44	0.01	1.15	6.09	678	1080	1.68	0.27	0.18	0.28	67.7	6.2	87	16.10	29.1
Q007623	0.40	0.01	1.34	6.64	339	1200	1.92	0.26	0.17	0.23	74.8	3.6	84	14.30	18.4
Q007624	0.31	0.05	4.51	5.80	175.0	2320	1.45	0.22	0.19	0.19	77.4	0.9	75	11.50	13.6
Q007625	0.11	0.02	1.33	5.28	1025	1000	1.88	0.19	0.39	0.56	60.5	6.9	80	11.85	61.2
Q007626	0.09	0.01	0.79	4.74	2410	840	2.19	0.22	2.14	1.34	53.4	13.1	68	10.25	93.7
Q007627	0.31	0.01	0.92	6.20	558	1290	2.00	0.26	0.29	0.37	72.1	6.5	85	15.15	37.1
Q007628	0.61	0.01	0.93	6.07	623	1290	2.15	0.26	0.22	0.57	65.7	6.4	88	15.85	46.0
Q007629	0.27	<0.01	0.72	4.85	31.4	2380	2.10	0.18	0.06	7.17	55.2	22.1	76	16.30	104.0
Q007630	0.57	0.01	0.46	5.57	20.4	2690	2.73	0.25	0.08	2.30	63.9	17.5	82	11.50	227
Q007631	0.26	<0.01	0.53	5.55	29.2	2410	2.44	0.27	0.07	1.79	67.2	10.0	85	12.65	102.5
Q007632	0.68	0.01	0.42	6.37	15.6	2580	2.54	0.30	0.07	1.82	72.0	13.6	93	14.95	93.7
Q007633	0.34	<0.01	0.29	5.65	29.2	1910	1.71	0.35	0.09	0.68	62.2	7.9	82	12.90	62.5
Q005824	0.32	<0.01	0.42	5.84	140.0	2240	1.59	0.27	0.06	0.41	68.7	3.9	87	10.85	36.2
Q005825	0.42	<0.01	0.53	5.60	147.5	3150	1.45	0.26	0.04	0.62	70.8	2.3	80	10.30	21.3
Q005826	0.37	<0.01	0.60	6.34	92.1	3000	1.72	0.31	0.04	0.24	71.2	3.5	95	17.80	30.3
Q005827	0.60	<0.01	0.20	5.92	21.4	2290	1.75	0.31	0.11	0.59	67.3	7.0	93	18.10	53.3
Q005828	0.18	0.02	6.05	2.53	>10000	1760	0.70	0.29	0.04	3.84	32.0	1.0	46	4.61	56.9
Q005829	0.09	0.01	25.6	2.84	>10000	1210	1.22	0.28	0.05	160.5	29.3	2.0	45	4.63	218
Q007671	0.15	<0.01	3.39	2.48	1990	580	0.87	0.11	0.28	10.70	26.2	1.0	44	2.04	145.0
Q007672	0.23	0.01	1.87	3.00	3880	1230	2.82	0.13	0.40	55.1	30.5	2.6	105	2.85	432
Q007673	0.19	<0.01	0.46	2.13	77.7	1060	0.81	0.10	0.02	0.79	21.2	5.1	58	4.51	53.1
Q007674	0.11	<0.01	0.66	1.12	179	3890	0.54	0.05	12.00	35.2	11.75	18.0	34	0.71	51.4
Q007675	0.25	<0.01	0.42	0.86	39	6820	0.55	0.05	21.4	32.1	11.55	8.3	33	0.70	28.9
Q007676	0.11	<0.01	0.56	0.68	64	>10000	0.25	0.05	18.90	26.0	10.70	11.7	30	0.48	18.4
Q007677	0.23	<0.01	24.1	3.07	282	2590	1.45	0.18	12.45	124.5	30.6	6.3	967	9.15	194.5
Q007678	0.07	<0.01	1.06	0.27	16	1530	0.22	0.03	36.7	23.2	5.25	2.7	30	0.43	15.1
Q007679	0.27	<0.01	2.08	5.77	78.6	2820	1.88	0.26	1.28	10.15	65.8	9.3	143	19.20	75.5
Q007680	0.34	<0.01	2.02	5.57	175.0	3330	1.43	0.24	0.36	5.96	51.5	3.8	157	14.75	68.2
Q007681	0.29	<0.01	1.67	4.00	50.3	4190	0.78	0.21	0.29	0.21	41.9	0.5	136	7.98	23.5
Q007682	0.18	<0.01	0.83	2.16	506	4450	2.25	0.11	6.41	10.20	16.85	30.8	115	7.21	162.5
Q007683	0.36	<0.01	1.78	3.87	81.8	3010	1.78	0.17	0.24	1.23	34.5	6.4	117	10.50	107.5
Q007684	0.09	<0.01	0.65	1.57	33.7	8110	1.94	0.06	0.37	5.51	14.15	17.4	58	1.59	254
Q007685	0.43	<0.01	1.37	5.20	51.2	7220	1.82	0.20	0.52	3.46	48.4	6.6	154	19.10	129.5
Q007686	0.35	<0.01	1.30	4.74	35.2	5260	1.50	0.19	0.50	1.28	45.4	7.7	143	16.50	75.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007616		2.74	19.15	0.20	3.5	1.85	0.071	2.87	39.3	16.1	0.45	32	4.49	0.04	18.1	26.9
Q007617		2.21	17.50	0.18	2.8	1.95	0.057	2.63	36.0	17.3	0.42	34	3.77	0.04	17.2	26.2
Q007618		2.34	16.45	0.17	2.8	0.22	0.049	2.74	36.1	42.6	0.53	87	4.35	0.09	16.6	36.4
Q007619		5.50	4.92	0.10	0.8	29.1	0.071	0.76	11.0	23.5	0.10	43	5.68	0.02	4.0	9.5
Q007620		1.40	7.70	0.10	1.5	74.6	0.035	1.21	18.8	37.7	0.14	57	2.38	0.02	8.1	10.2
Q007621		2.61	5.61	0.06	0.9	0.61	0.009	0.67	8.4	29.8	0.13	51	6.09	0.09	4.5	18.6
Q007622		2.45	17.35	0.12	3.1	2.72	0.040	2.73	36.7	11.5	0.45	41	5.62	0.04	19.5	43.3
Q007623		1.69	19.25	0.13	3.2	4.43	0.034	3.04	41.1	13.0	0.49	28	4.63	0.04	21.2	26.5
Q007624		1.04	15.25	0.17	3.2	17.7	0.025	2.23	40.6	19.5	0.33	25	2.78	0.02	23.8	9.4
Q007625		2.85	13.75	0.12	3.5	1.37	0.044	2.28	31.7	9.7	0.39	68	5.85	0.03	21.5	49.5
Q007626		4.91	12.50	0.14	2.2	2.87	0.090	1.92	26.8	15.7	1.17	858	6.50	0.02	13.0	86.2
Q007627		2.27	18.45	0.14	3.0	3.75	0.043	2.85	38.3	12.4	0.53	119	4.19	0.03	19.6	43.3
Q007628		2.43	17.15	0.11	3.1	2.81	0.044	2.73	35.9	11.8	0.47	50	4.86	0.03	20.6	41.9
Q007629		10.25	12.40	0.14	2.1	0.28	0.041	2.04	26.7	16.6	0.44	1470	6.61	0.14	14.8	93.8
Q007630		8.04	14.80	0.15	2.3	0.29	0.057	2.42	32.5	24.6	0.46	340	6.59	0.04	14.1	91.3
Q007631		7.65	15.45	0.14	2.4	0.42	0.069	2.46	33.4	21.2	0.46	156	4.96	0.04	14.6	77.5
Q007632		4.22	17.70	0.15	2.9	0.24	0.057	2.78	36.3	28.6	0.56	323	3.51	0.05	16.0	57.8
Q007633		4.92	15.10	0.13	2.6	0.12	0.056	2.12	32.9	29.3	0.54	273	3.88	0.19	14.8	45.0
Q005824		2.57	15.75	0.14	2.8	0.20	0.047	2.46	36.8	15.7	0.44	77	3.65	0.11	17.4	28.6
Q005825		1.78	15.00	0.16	2.9	0.69	0.044	2.46	37.7	15.6	0.41	40	3.54	0.04	17.9	21.2
Q005826		2.78	16.90	0.16	2.9	0.45	0.058	2.78	38.1	33.6	0.53	54	3.97	0.04	17.1	29.9
Q005827		4.19	16.60	0.14	3.1	0.09	0.048	2.36	36.3	34.9	0.55	328	4.10	0.21	17.2	41.2
Q005828		3.03	6.50	0.16	1.3	34.3	0.032	1.10	17.2	11.9	0.16	61	7.60	0.03	6.6	12.7
Q005829		5.12	10.80	0.16	1.3	>100	0.212	1.16	14.0	58.9	0.14	57	2.72	0.03	7.4	17.0
Q007671		9.40	20.7	0.94	0.9	0.37	0.451	2.03	9.4	11.6	0.05	99	209	0.03	3.6	13.1
Q007672		19.20	17.20	0.34	2.3	2.30	0.255	0.80	16.5	10.2	0.09	158	481	0.02	4.6	74.8
Q007673		2.49	6.25	0.08	1.1	0.19	0.028	0.76	10.7	23.2	0.14	86	7.11	0.02	4.6	46.8
Q007674		4.24	2.11	0.09	1.0	2.74	0.013	0.36	8.0	15.0	0.45	428	6.30	<0.01	1.9	190.0
Q007675		2.22	1.63	0.08	0.7	0.12	0.009	0.24	8.2	8.3	0.23	233	4.84	<0.01	1.4	119.5
Q007676		2.87	1.40	0.07	0.9	0.17	0.009	0.25	7.3	8.1	0.60	325	6.14	<0.01	1.6	120.5
Q007677		2.47	7.12	0.24	1.6	1.85	0.035	1.10	39.5	9.7	0.57	96	114.5	0.04	5.0	515
Q007678		0.45	0.60	0.07	0.1	0.06	0.005	0.06	4.8	1.2	0.25	187	8.34	0.01	0.3	77.5
Q007679		2.80	15.15	0.17	2.9	0.33	0.054	2.36	38.5	24.9	0.55	166	12.60	0.06	17.7	96.2
Q007680		3.87	14.25	0.16	2.4	<0.01	0.067	1.98	37.8	13.0	0.27	31	11.65	0.04	8.6	87.7
Q007681		1.04	10.35	0.17	2.3	0.46	0.028	1.37	33.2	10.9	0.21	13	5.23	0.02	8.2	12.4
Q007682		7.44	7.17	0.13	1.1	0.37	0.037	0.66	15.9	8.0	1.39	1140	7.78	<0.01	2.1	173.0
Q007683		4.09	9.32	0.11	1.7	0.25	0.065	1.09	27.7	16.4	0.16	105	10.15	0.03	5.8	104.0
Q007684		8.71	2.37	0.10	1.5	0.16	0.022	0.23	17.0	15.9	0.07	659	7.51	<0.01	1.6	203
Q007685		3.14	11.90	0.13	2.1	0.23	0.045	1.57	33.7	18.2	0.33	165	6.00	0.03	8.7	116.5
Q007686		3.69	11.10	0.13	2.1	0.18	0.046	1.42	35.4	17.3	0.25	131	3.26	0.03	8.1	121.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135031

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007616		930	270	131.0	0.004	0.16	5.30	10.5	6	2.1	140.0	1.11	0.12	11.8	0.392	1.69
Q007617		740	286	119.5	0.004	0.15	5.28	9.3	6	1.9	119.0	1.05	0.12	10.3	0.363	1.52
Q007618		1140	12.9	127.5	0.003	0.05	4.14	10.8	5	1.8	103.5	1.02	0.11	11.0	0.365	1.02
Q007619		800	7060	34.7	<0.002	0.24	174.5	9.3	10	0.6	46.0	0.26	0.09	2.8	0.097	1.28
Q007620		490	1970	53.7	<0.002	0.11	48.5	6.3	5	0.9	63.4	0.50	0.05	4.5	0.178	1.20
Q007621		490	10.4	31.8	0.002	1.48	6.75	3.7	8	0.5	63.0	0.28	<0.05	1.2	0.089	1.20
Q007622		500	42.3	121.5	<0.002	0.23	11.35	9.7	2	1.9	107.5	1.20	0.10	8.1	0.389	4.91
Q007623		330	37.2	136.0	<0.002	0.18	10.20	10.6	2	2.1	89.4	1.29	0.09	8.8	0.427	4.78
Q007624		990	54.0	95.9	<0.002	0.16	6.55	9.0	2	1.8	199.5	1.43	0.09	11.1	0.458	6.93
Q007625		1610	25.3	96.3	0.003	0.08	14.60	11.0	3	1.5	57.2	1.26	0.07	9.5	0.355	2.48
Q007626		1550	22.8	81.3	0.003	0.16	17.75	10.7	2	1.5	183.0	0.81	0.09	8.1	0.277	4.11
Q007627		560	16.0	132.5	<0.002	0.17	6.32	10.9	2	2.1	97.8	1.18	0.10	8.7	0.384	3.71
Q007628		660	25.2	121.5	<0.002	0.15	6.90	10.2	3	1.9	88.1	1.22	0.08	8.6	0.387	2.88
Q007629		1400	24.9	95.2	0.003	0.12	6.19	14.8	9	1.4	70.4	0.85	0.10	7.4	0.288	1.44
Q007630		1490	16.4	110.0	0.003	0.15	4.89	15.1	6	1.6	94.5	0.86	0.08	8.7	0.322	0.98
Q007631		1170	20.0	116.0	0.002	0.15	4.58	14.5	5	1.7	88.2	0.90	0.12	9.3	0.326	1.01
Q007632		830	17.9	133.0	0.004	0.10	3.24	13.4	4	2.0	77.0	1.01	0.11	10.1	0.360	1.13
Q007633		840	27.9	114.5	0.004	0.10	3.44	10.7	4	1.8	79.5	0.88	0.15	8.3	0.367	1.04
Q005824		730	49.6	119.5	0.005	0.15	3.42	9.4	4	1.9	91.4	1.03	0.09	9.8	0.388	1.30
Q005825		990	66.8	113.5	0.003	0.24	4.80	8.7	5	1.8	167.5	1.04	0.12	10.0	0.390	1.70
Q005826		1000	21.4	137.0	0.005	0.38	4.01	11.4	4	2.0	135.5	1.00	0.12	10.9	0.383	1.65
Q005827		850	20.3	123.5	0.005	0.05	3.43	10.8	3	1.9	84.0	1.05	0.12	8.7	0.412	1.12
Q005828		700	5790	50.5	0.003	0.31	170.5	6.1	22	0.9	67.6	0.41	0.09	4.0	0.165	2.81
Q005829		1530	>10000	50.1	0.004	1.46	488	9.4	18	2.6	156.5	0.44	0.11	4.7	0.180	3.15
Q007671		4180	90.8	65.8	0.003	2.43	63.3	5.3	383	0.6	1450	0.22	0.67	3.5	0.107	82.2
Q007672		5150	50.6	29.1	0.009	0.09	102.0	8.8	108	0.8	462	0.28	0.43	3.9	0.135	2.50
Q007673		510	17.8	36.4	<0.002	0.03	4.80	4.4	5	0.6	50.7	0.29	0.08	2.8	0.125	0.38
Q007674		990	123.5	14.4	0.004	0.14	4.47	4.4	8	0.3	730	0.14	<0.05	1.7	0.048	0.26
Q007675		360	8.6	9.7	0.003	0.20	1.66	5.4	8	0.2	1050	0.09	0.05	1.4	0.035	0.55
Q007676		1000	9.1	9.7	<0.002	0.30	2.06	2.9	6	0.3	1100	0.11	<0.05	1.4	0.040	0.18
Q007677		8300	17.3	59.0	0.019	0.29	50.4	11.3	53	0.9	873	0.33	0.27	4.7	0.187	9.17
Q007678		380	1.7	3.2	0.002	0.04	3.55	1.7	5	<0.2	2970	<0.05	<0.05	0.4	0.011	0.44
Q007679		1230	19.0	121.5	0.019	0.17	8.36	10.9	6	1.9	178.0	1.03	0.14	9.6	0.374	1.84
Q007680		1310	22.9	96.5	0.007	0.55	4.62	11.2	11	1.7	337	0.57	0.16	7.6	0.305	1.66
Q007681		610	13.6	70.4	0.019	0.31	1.24	7.1	4	1.3	148.0	0.52	0.09	6.3	0.281	3.87
Q007682		2890	17.5	34.8	0.003	0.28	6.28	37.1	18	0.7	307	0.14	0.10	2.5	0.070	2.05
Q007683		1940	10.6	59.1	0.017	0.29	2.31	11.0	8	1.1	194.5	0.38	0.10	5.2	0.206	0.98
Q007684		1690	3.1	10.9	0.010	0.22	2.17	8.2	6	0.4	168.5	0.10	<0.05	1.8	0.063	0.28
Q007685		1340	14.6	83.6	0.008	0.26	3.26	11.2	6	1.4	359	0.58	0.13	7.2	0.280	1.08
Q007686		1430	11.4	82.2	0.004	0.13	1.93	10.9	7	1.3	234	0.53	0.11	6.6	0.280	0.77

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135031

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 1	Ba-XRF10 Ba % 0.01
Q007616		3.9	348	2.0	23.2	122	118.0					
Q007617		3.6	331	1.8	20.6	112	107.5					
Q007618		4.0	319	1.4	24.1	197	111.0					
Q007619		2.3	155	0.7	12.8	1020	32.3			1.905		
Q007620		2.2	155	1.6	10.7	142	56.4					
Q007621		1.0	261	0.4	6.7	94	36.2					
Q007622		3.4	384	5.7	14.9	123	118.0					
Q007623		3.6	372	7.5	16.4	76	125.5					
Q007624		4.3	341	13.1	21.9	25	127.5					
Q007625		5.0	445	5.9	26.4	261	116.5					
Q007626		4.2	309	6.0	21.7	208	79.5					
Q007627		3.6	365	5.8	18.1	122	117.5					
Q007628		4.0	439	4.7	17.7	183	120.5					
Q007629		4.2	359	1.1	25.0	624	92.0					
Q007630		4.5	300	1.3	29.1	730	93.0					
Q007631		4.2	297	1.3	29.3	672	94.5					
Q007632		4.0	317	1.5	24.9	462	107.5					
Q007633		3.2	285	1.4	17.6	241	104.0					
Q005824		3.6	331	1.6	19.4	149	106.5					
Q005825		3.6	306	1.9	23.9	82	109.5					
Q005826		3.8	356	1.5	19.0	205	110.5					
Q005827		3.3	333	1.5	18.8	214	119.0					
Q005828		1.9	151	1.1	11.9	422	48.3			1.200		
Q005829		2.9	177	1.8	20.8	>10000	47.0	2.27	1.360	2.08	483	
Q007671		22.7	649	2.9	42.4	150	42.6					
Q007672		23.5	2840	3.6	45.9	636	53.1					
Q007673		1.8	205	0.6	8.7	221	47.7					
Q007674		2.5	187	0.5	94.2	1960	56.4					
Q007675		2.7	120	0.3	101.5	913	37.7					
Q007676		2.3	124	0.4	49.9	989	47.9					0.99
Q007677		26.1	2260	1.7	93.5	2840	78.7					
Q007678		5.3	99	0.2	36.1	529	4.0					
Q007679		5.0	540	1.4	30.7	579	113.5					
Q007680		5.7	269	2.1	28.6	576	95.6					
Q007681		6.7	200	1.6	22.0	32	90.4					
Q007682		6.6	270	0.9	115.0	1700	69.0					
Q007683		7.8	210	0.8	20.2	423	68.1					
Q007684		8.8	175	0.3	45.7	1340	96.2					
Q007685		5.9	278	1.1	47.0	516	76.5					
Q007686		4.3	231	1.0	43.3	491	80.4					

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135031

Sample Description	Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007687		0.25	0.01	2.27	4.67	42.3	7050	1.56	0.19	0.56	2.45	47.1	12.7	170	15.70	84.0
Q007688		0.44	<0.01	1.15	5.04	151.0	2920	1.57	0.20	0.48	1.54	52.6	9.4	160	13.45	59.7
Q007689		0.57	<0.01	2.41	3.91	170.5	6690	1.08	0.17	0.36	1.16	44.3	3.3	223	9.15	38.7
Q007690		0.25	0.01	4.93	3.15	516	5400	1.39	0.14	0.46	3.49	30.6	11.3	164	5.91	67.3
Q007691		0.28	<0.01	1.82	4.38	269	6340	1.49	0.19	2.59	3.75	49.7	11.5	136	7.79	57.3

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VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135031

Sample Description	Method Analyte Units LOR	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- CV41 Hg ppm 0.01	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
Q007687		6.03	11.20	0.16	2.3	0.27	0.045	1.37	37.0	17.4	0.23	283	5.44	0.02	7.8	180.0
Q007688		3.69	12.65	0.15	2.6	0.17	0.046	1.54	37.0	21.9	0.34	507	7.07	0.14	11.1	105.0
Q007689		1.88	9.80	0.14	1.9	0.31	0.021	1.15	38.5	16.3	0.20	117	6.59	0.02	7.7	55.9
Q007690		6.18	7.04	0.12	1.6	0.42	0.038	0.71	25.1	21.1	0.13	421	15.55	0.01	5.2	169.5
Q007691		4.54	10.70	0.16	2.2	0.26	0.044	1.34	33.6	21.7	0.66	410	7.41	0.14	10.0	141.0

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135031

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007687		1960	11.9	79.2	0.004	0.21	2.34	15.6	10	1.3	346	0.50	0.13	6.4	0.265	1.07
Q007688		1610	18.7	89.2	0.004	0.11	2.43	11.5	8	1.5	195.5	0.71	0.10	7.5	0.329	1.28
Q007689		660	11.2	63.8	<0.002	0.23	1.56	5.8	5	1.1	175.5	0.49	0.13	6.0	0.251	16.75
Q007690		2350	10.4	40.1	0.003	0.34	3.47	7.2	14	0.8	253	0.34	0.17	4.3	0.149	15.65
Q007691		1930	21.7	68.2	0.004	0.25	2.97	11.9	9	1.3	330	0.65	0.10	7.2	0.279	3.71

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135031

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 1	Ba-XRF10 Ba % 0.01
Q007687		5.4	445	1.0	70.8	741	104.5					
Q007688		5.3	253	1.1	30.8	441	94.1					
Q007689		4.8	254	1.4	25.9	278	71.8					
Q007690		7.2	261	0.9	37.2	816	69.1					
Q007691		5.0	269	1.1	53.4	579	86.5					

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 11-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13135031

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
Applies to Method:	ME-MS61
	REE's may not be totally soluble in this method.
Applies to Method:	ME-MS61
	Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method:	Hg-CV41 Hg-CV42
	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method:	ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
As-OG62	Au-AA26	Ba-XRF10	Hg-CV41
Hg-CV42	ME-MS61	ME-OG62	ME-XRF10
OA-GRA06	Pb-OG62	Zn-OG62	

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

CERTIFICATE WH13145853

Project: NADALEEN
P.O. No.: R13-22
This report is for 59 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85%<75 um
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Pb-VOL70	Pb by Titration	
Sb-XRF10	Fusion XRF - Sb Ore Grade	XRF
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145853

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013685	0.19	0.03	0.20	1.65	71.2	600	0.71	0.07	0.15	2.43	53.6	4.7	34	1.56	17.1
Q013686	0.22	<0.01	0.03	1.82	5	240	0.63	0.06	29.4	0.24	25.4	3.3	12	1.26	6.1
Q013687	0.16	<0.01	0.02	0.05	9	20	0.30	0.04	34.8	0.22	3.46	0.8	4	<0.05	1.2
Q013688	0.34	0.03	0.12	0.15	12	40	0.27	0.01	24.8	0.78	17.30	0.8	8	0.21	4.3
Q013689	0.23	0.03	0.09	0.09	13	30	0.09	0.02	31.5	0.56	10.50	0.7	6	0.10	3.1
Q013690	0.26	0.12	0.33	0.40	32	80	0.16	0.02	18.15	0.66	40.7	1.5	15	0.20	8.3
Q013691	0.24	<0.01	0.35	0.16	14.6	120	0.08	0.01	0.25	2.21	1.87	2.6	11	0.59	17.4
Q013692	0.14	<0.01	0.30	1.03	13	630	0.65	0.05	16.10	8.64	18.95	3.0	37	4.98	33.0
Q013693	0.46	<0.01	0.15	0.42	9	520	0.31	0.02	33.2	4.07	6.62	2.8	17	1.46	17.0
Q013694	0.15	0.01	5.63	0.08	81.1	310	0.12	0.03	0.29	10.2	2.57	18.5	9	0.25	99.8
Q013695	0.18	<0.01	0.04	0.20	<5	80	0.09	0.01	31.1	4.72	2.38	0.9	5	0.35	2.8
Q013696	0.20	0.03	0.42	0.24	102	220	0.21	0.03	32.5	2.19	10.70	2.0	6	0.21	6.6
Q013697	0.42	0.01	0.08	0.10	17	5200	0.07	0.01	35.0	1.11	4.79	0.9	4	0.08	3.8
Q013698	0.50	0.02	0.06	0.06	342	80	0.21	0.01	33.0	0.40	3.24	1.3	2	0.13	2.0
Q013699	0.16	<0.01	0.02	0.03	1900	30	0.12	<0.01	34.1	0.33	2.95	0.8	2	<0.05	1.4
Q013700	0.40	0.10	0.42	0.15	545	40	0.06	0.03	29.3	1.35	6.44	1.4	4	0.21	9.6
Q013701	0.43	0.07	0.77	0.38	102.0	40	0.11	0.03	8.02	1.61	10.40	1.3	8	0.85	11.7
Q013702	0.23	0.13	0.58	0.30	161	60	0.11	0.03	15.20	1.45	8.01	1.4	7	0.62	10.7
Q013703	0.24	0.19	0.74	0.37	358	40	0.11	0.06	12.35	1.66	12.20	1.9	9	0.72	16.3
Q013704	0.31	0.01	0.09	0.03	106	10	<0.05	0.02	35.7	0.26	1.99	0.7	2	<0.05	2.6
Q013705	0.35	0.04	0.34	0.06	1380	40	0.07	0.13	35.7	0.69	1.91	0.8	2	0.07	7.7
Q013706	0.29	0.04	0.55	0.12	1640	30	0.05	0.11	34.2	1.49	3.30	1.0	3	0.17	14.8
Q013707	0.17	<0.01	0.91	0.16	36.0	240	0.11	0.05	2.60	1.83	3.54	2.2	18	0.38	60.7
Q013708	0.12	<0.01	0.06	0.06	<5	190	0.06	0.01	34.6	0.10	2.11	0.6	6	0.10	2.3
Q013709	0.09	<0.01	1.62	0.78	218	280	0.43	0.18	1.02	2.66	18.90	5.6	22	1.60	19.4
Q013710	0.19	<0.01	0.18	0.21	10	610	0.16	0.01	35.5	1.38	14.50	1.1	21	0.29	11.1
Q013711	0.19	0.05	0.54	0.64	55.4	80	0.28	0.03	8.03	1.04	13.40	1.7	15	0.88	16.4
Q013712	0.12	0.05	0.91	0.89	62.8	30	0.35	0.04	3.83	7.30	10.05	4.1	8	1.50	10.7
Q013713	0.09	<0.01	0.90	2.42	166.0	260	0.84	0.11	1.85	6.24	26.2	9.3	22	3.64	22.1
Q013714	0.44	<0.01	0.01	0.06	7	20	0.08	<0.01	19.15	0.53	2.72	0.9	1	0.08	1.1
Q013715	0.07	0.01	1.06	1.24	262	170	0.49	0.07	0.38	6.23	16.15	4.5	12	2.85	23.2
Q013716	0.15	<0.01	0.56	0.57	235	30	0.21	0.03	0.14	0.29	7.70	5.8	4	0.83	7.1
Q013717	0.22	0.02	1.47	0.50	30.2	60	0.25	0.04	0.24	1.80	9.40	5.7	4	0.90	12.7
Q013718	0.80	<0.01	0.37	0.17	15.7	20	0.15	0.01	9.76	0.89	5.37	2.1	2	0.18	4.7
Q013719	0.26	<0.01	1.38	0.37	50.7	40	0.22	0.03	7.12	4.28	7.52	4.2	3	0.40	8.4
Q013720	0.67	<0.01	0.26	0.24	20	20	0.13	0.02	11.60	0.27	7.00	1.5	3	0.22	3.3
Q013721	0.27	0.02	1.10	0.84	65.3	140	0.31	0.06	0.52	2.12	7.99	5.0	6	1.06	15.5
Q013722	0.63	<0.01	0.36	0.33	22	30	0.18	0.03	11.95	0.93	6.28	1.8	3	0.42	4.3
Q013723	0.23	<0.01	0.11	1.09	<5	60	0.42	0.06	17.25	0.08	17.20	2.7	4	2.32	10.2
Q013724	0.37	<0.01	0.40	0.66	21.9	50	0.24	0.05	7.40	0.18	7.33	3.6	2	1.07	8.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145853

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013685		1.31	4.58	0.05	1.4	0.15	0.015	0.77	24.0	13.3	0.17	283	1.54	0.01	9.0	15.2
Q013686		0.94	4.78	0.07	0.8	0.02	0.016	0.69	12.0	11.6	0.24	540	0.46	0.04	3.2	7.8
Q013687		0.07	0.15	0.07	0.1	0.04	<0.005	0.01	4.2	0.7	0.70	187	0.66	<0.01	0.5	<0.2
Q013688		0.11	0.48	0.07	0.1	3.17	0.011	0.03	24.3	12.3	0.99	306	3.39	<0.01	0.5	5.9
Q013689		0.07	0.33	0.12	0.1	1.36	0.007	0.02	14.6	4.8	0.53	270	3.01	<0.01	0.5	3.8
Q013690		0.28	1.04	0.08	0.1	0.45	<0.005	0.10	55.1	17.4	1.58	210	18.10	<0.01	0.7	25.9
Q013691		9.18	0.64	0.10	0.1	0.41	0.005	0.05	3.2	2.6	0.02	43	35.0	0.01	0.4	158.5
Q013692		0.54	3.75	<0.05	1.0	0.18	0.025	0.48	17.0	7.5	0.14	50	33.1	0.02	5.0	462
Q013693		0.29	1.21	<0.05	0.3	0.07	0.007	0.17	8.2	2.9	0.16	22	22.3	0.01	1.5	620
Q013694		49.3	0.28	1.61	0.1	0.57	<0.005	0.02	5.6	1.4	0.05	193	458	<0.01	0.8	587
Q013695		0.21	0.45	<0.05	0.1	0.02	<0.005	0.08	1.6	1.7	0.24	13	1.50	0.02	1.1	41.8
Q013696		1.43	0.63	<0.05	0.1	2.73	<0.005	0.08	11.6	1.8	1.64	117	6.57	<0.01	0.9	13.0
Q013697		0.11	0.24	<0.05	0.1	0.43	<0.005	0.03	5.7	0.6	0.46	83	5.30	<0.01	0.6	3.0
Q013698		0.07	0.19	0.12	<0.1	6.35	<0.005	0.02	3.8	2.3	2.71	175	0.36	<0.01	0.4	<0.2
Q013699		0.03	0.18	0.17	<0.1	0.80	0.005	0.01	4.0	0.2	0.49	92	0.34	<0.01	0.4	<0.2
Q013700		0.24	0.50	<0.05	0.1	6.16	0.018	0.05	7.8	5.3	0.23	223	11.50	<0.01	0.6	18.9
Q013701		0.53	1.10	<0.05	<0.1	7.92	0.045	0.11	11.5	21.1	0.57	78	17.50	<0.01	0.7	34.3
Q013702		0.38	0.89	<0.05	0.1	9.46	0.036	0.09	8.6	16.8	0.43	95	13.35	<0.01	0.7	32.5
Q013703		0.62	1.17	<0.05	0.1	5.00	0.044	0.11	14.8	16.5	0.31	122	19.25	<0.01	0.7	48.5
Q013704		0.03	0.15	0.09	<0.1	7.14	0.005	0.01	2.0	0.4	0.11	369	0.71	<0.01	0.4	<0.2
Q013705		0.09	0.25	0.09	0.1	2.39	0.006	0.02	2.2	0.9	0.28	462	1.25	<0.01	0.5	3.3
Q013706		0.17	0.35	<0.05	0.1	1.93	0.006	0.04	3.7	2.8	1.13	427	3.26	<0.01	0.6	7.7
Q013707		13.80	0.41	0.16	0.1	0.21	<0.005	0.05	5.4	1.8	0.04	53	59.6	0.01	0.6	125.5
Q013708		0.09	0.11	<0.05	<0.1	0.03	<0.005	0.02	4.5	0.6	0.12	40	0.26	0.01	0.4	1.7
Q013709		46.3	1.90	0.78	0.4	3.94	0.008	0.33	16.9	3.3	0.38	34	36.4	0.01	2.1	140.5
Q013710		0.22	0.62	<0.05	0.2	0.16	<0.005	0.07	17.2	1.3	0.13	206	6.21	<0.01	0.8	17.9
Q013711		0.78	1.75	<0.05	0.2	36.0	0.013	0.21	11.0	94.0	0.12	148	27.3	<0.01	1.0	29.5
Q013712		34.0	3.22	0.45	0.6	3.08	0.021	0.42	6.1	4.8	2.06	560	0.97	0.01	2.2	15.3
Q013713		37.2	6.12	1.45	1.4	3.43	0.024	1.09	16.9	10.8	1.19	465	3.25	0.02	4.7	20.1
Q013714		0.79	0.15	<0.05	<0.1	0.07	<0.005	0.02	1.4	1.1	11.25	544	0.09	0.01	0.3	<0.2
Q013715		43.8	3.62	2.52	0.6	4.10	0.014	0.46	9.3	9.3	0.40	162	11.35	0.03	2.4	12.4
Q013716		45.8	1.31	1.67	0.3	3.91	0.010	0.18	3.1	4.9	0.19	333	1.68	<0.01	1.6	16.1
Q013717		45.4	1.57	3.07	0.3	0.73	0.007	0.25	6.2	3.5	0.17	1360	0.27	<0.01	1.7	14.7
Q013718		19.25	0.61	0.33	0.1	0.60	<0.005	0.08	3.7	1.2	5.06	882	0.15	0.01	0.7	2.7
Q013719		29.9	1.26	0.07	0.2	1.58	0.021	0.18	4.7	1.7	4.03	1570	0.48	0.01	0.6	15.8
Q013720		16.95	0.77	0.08	0.1	0.56	0.011	0.11	4.7	1.2	6.24	1000	0.12	0.01	0.4	3.9
Q013721		49.9	3.22	4.31	0.4	2.19	0.034	0.41	5.1	2.4	0.51	518	1.11	<0.01	1.4	20.9
Q013722		18.65	1.07	0.06	0.2	0.84	0.008	0.17	4.3	1.5	6.09	979	0.17	0.01	0.5	9.7
Q013723		1.60	3.03	0.08	0.5	0.16	0.008	0.52	10.6	6.7	10.20	1220	0.12	0.02	2.1	5.6
Q013724		26.3	2.13	0.64	0.3	1.12	0.005	0.32	5.1	2.5	4.18	995	0.20	0.01	1.7	11.5

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145853

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013685		540	4.6	30.7	<0.002	0.03	2.01	2.9	2	0.7	51.2	0.52	<0.05	4.2	0.148	1.13
Q013686		350	9.9	29.3	0.005	0.02	0.12	4.2	2	0.5	456	0.19	<0.05	3.8	0.091	0.22
Q013687		240	2.0	0.6	<0.002	<0.01	0.46	1.2	2	<0.2	50.1	<0.05	<0.05	<0.2	<0.005	0.02
Q013688		460	1.0	1.7	0.002	0.01	0.99	1.9	2	0.2	53.1	<0.05	<0.05	0.4	<0.005	0.09
Q013689		330	1.7	0.9	0.003	0.01	0.69	1.9	2	<0.2	89.1	<0.05	<0.05	0.2	<0.005	0.07
Q013690		870	2.8	4.8	0.002	0.01	4.07	1.9	2	<0.2	67.9	<0.05	<0.05	0.7	0.014	0.20
Q013691		410	2.3	2.3	0.004	0.04	3.78	0.3	8	0.2	4.7	<0.05	<0.05	0.2	0.007	4.32
Q013692		360	4.2	24.7	0.007	0.26	2.96	3.6	2	0.5	155.0	0.25	0.10	1.8	0.064	3.19
Q013693		230	1.9	8.9	0.005	0.25	1.65	1.5	3	0.2	229	0.07	0.05	0.6	0.026	1.52
Q013694		250	9.4	1.2	0.005	0.14	48.1	0.8	172	<0.2	4.5	<0.05	0.25	0.2	<0.005	6.65
Q013695		90	0.8	4.1	<0.002	0.36	0.23	0.6	2	<0.2	355	0.05	<0.05	0.3	0.016	0.17
Q013696		160	4.7	4.0	0.010	0.23	9.53	0.8	4	<0.2	223	<0.05	<0.05	0.5	0.014	0.78
Q013697		270	0.9	1.4	0.002	0.13	0.89	0.9	2	<0.2	158.0	<0.05	<0.05	0.2	0.005	0.08
Q013698		250	0.6	0.8	0.006	0.02	0.67	0.4	2	<0.2	170.0	<0.05	<0.05	<0.2	<0.005	0.42
Q013699		240	<0.5	0.4	0.005	0.08	1.98	0.4	3	<0.2	121.5	<0.05	<0.05	<0.2	<0.005	0.13
Q013700		730	9.4	2.4	0.002	0.01	3.06	0.4	3	0.5	85.9	<0.05	<0.05	0.3	0.008	0.14
Q013701		3230	14.0	5.5	0.002	0.03	3.03	0.4	3	1.2	41.6	<0.05	<0.05	1.0	0.021	0.17
Q013702		2520	10.2	4.8	0.002	0.03	2.98	0.4	2	1.0	51.1	<0.05	<0.05	0.7	0.015	0.16
Q013703		2510	17.5	6.0	0.003	0.04	4.79	0.5	2	1.3	50.1	<0.05	0.06	0.9	0.018	0.25
Q013704		120	1.2	0.4	<0.002	0.01	0.70	0.3	3	<0.2	93.3	<0.05	0.05	<0.2	<0.005	0.07
Q013705		310	7.4	1.0	0.002	0.02	1.87	0.2	2	<0.2	107.0	<0.05	<0.05	<0.2	<0.005	0.37
Q013706		780	12.4	1.9	0.002	0.03	3.41	0.3	2	<0.2	120.5	<0.05	0.07	0.3	0.006	0.28
Q013707		320	9.4	2.3	0.015	0.08	10.10	0.5	9	<0.2	24.5	<0.05	0.09	0.3	0.008	4.38
Q013708		20	<0.5	1.0	<0.002	0.03	0.18	0.4	2	<0.2	97.0	<0.05	<0.05	<0.2	<0.005	0.05
Q013709		290	23.8	14.5	0.030	3.27	61.8	2.5	12	0.4	21.8	0.11	0.12	1.1	0.039	5.05
Q013710		440	1.7	3.8	0.003	0.05	1.36	11.7	4	<0.2	127.5	<0.05	<0.05	0.5	0.010	0.16
Q013711		2100	4.3	11.3	0.002	0.03	3.91	0.7	5	0.4	95.6	<0.05	<0.05	1.2	0.024	2.38
Q013712		300	666	14.5	<0.002	>10.0	0.51	1.8	2	0.6	46.4	0.14	<0.05	1.8	0.046	1.86
Q013713		950	1000	36.3	<0.002	0.65	2.90	5.0	3	0.9	38.4	0.34	0.05	5.8	0.131	4.31
Q013714		50	5.2	0.9	<0.002	0.05	0.07	0.2	1	<0.2	96.0	<0.05	<0.05	<0.2	<0.005	0.04
Q013715		510	1950	20.7	<0.002	0.15	8.78	3.2	2	0.9	45.8	0.16	0.06	2.3	0.066	2.22
Q013716		370	2190	6.0	<0.002	8.41	0.77	1.4	1	0.8	140.0	0.07	<0.05	1.1	0.023	2.77
Q013717		340	1270	7.4	<0.002	>10.0	0.09	1.5	1	0.4	9.4	0.08	<0.05	1.1	0.025	29.6
Q013718		150	315	2.5	<0.002	>10.0	<0.05	0.7	1	<0.2	42.2	<0.05	<0.05	0.4	0.008	8.62
Q013719		310	1430	5.2	<0.002	>10.0	0.12	0.9	<1	0.2	34.6	0.05	<0.05	0.8	0.016	18.75
Q013720		250	307	3.5	<0.002	>10.0	0.06	0.9	<1	<0.2	52.2	<0.05	<0.05	0.5	0.010	8.46
Q013721		480	2340	12.1	<0.002	1.91	0.11	2.1	<1	0.5	9.4	0.10	<0.05	1.7	0.038	5.73
Q013722		170	966	5.0	<0.002	>10.0	0.08	0.8	<1	0.2	49.3	<0.05	<0.05	0.7	0.013	5.57
Q013723		1000	42.2	16.2	<0.002	0.18	0.64	1.8	2	0.4	83.2	0.14	<0.05	2.6	0.047	0.47
Q013724		250	752	9.5	0.002	>10.0	0.86	1.3	2	0.3	37.1	0.09	<0.05	1.9	0.032	1.78

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145853

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Ag-GRA21 Ag ppm 5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Pb-VOL70 Pb % 0.01	Sb-XRF10 Sb % 0.01
Q013685		1.5	24	0.8	10.5	137	47.9							
Q013686		1.4	18	0.5	9.4	16	30.8							
Q013687		3.2	77	0.1	12.3	10	3.0							
Q013688		7.6	75	0.2	15.0	44	3.3							
Q013689		9.8	75	0.2	21.2	35	4.1							
Q013690		14.9	97	0.3	17.0	137	4.5							
Q013691		4.4	213	0.1	3.3	730	4.3							
Q013692		11.6	557	0.4	20.8	1200	41.7							
Q013693		24.3	232	0.2	13.2	5410	16.3							
Q013694		14.8	177	0.4	7.8	3220	3.5							
Q013695		2.9	11	0.1	1.5	3240	5.0							
Q013696		5.5	84	0.4	16.7	147	5.2							
Q013697		3.7	37	0.2	12.5	58	3.1							
Q013698		4.2	40	0.2	7.9	29	1.6							
Q013699		5.6	77	0.1	8.1	20	1.2							
Q013700		7.6	35	0.3	7.2	120	3.2							
Q013701		14.0	62	0.9	6.8	197	1.9							
Q013702		10.8	65	0.7	7.9	166	2.5							
Q013703		12.4	82	0.8	9.3	246	3.8							
Q013704		2.2	14	0.1	10.1	10	0.6							
Q013705		4.9	19	0.1	4.9	36	2.9							
Q013706		10.3	37	0.2	5.4	70	3.2							
Q013707		3.2	231	0.4	7.1	355	6.5							
Q013708		0.2	12	<0.1	2.9	9	4.2							
Q013709		9.7	286	0.3	12.0	225	14.2							
Q013710		4.6	187	0.2	48.4	113	7.3							
Q013711		8.9	90	0.9	23.6	158	8.1							
Q013712		2.3	10	0.3	4.9	5060	19.1							
Q013713		5.5	27	0.9	7.7	4940	46.3							
Q013714		0.4	1	0.1	1.6	140	1.2							
Q013715		4.5	21	0.6	5.0	6590	21.7							
Q013716		2.3	8	0.5	4.5	248	9.8							
Q013717		2.1	6	0.3	4.4	1180	9.8							
Q013718		1.3	2	0.1	2.7	612	3.3							
Q013719		2.2	5	0.2	4.6	2170	6.1							
Q013720		1.7	3	0.1	3.3	173	4.8							
Q013721		2.7	9	0.2	5.0	2710	14.3							
Q013722		1.1	3	0.1	3.4	582	5.7							
Q013723		3.0	8	0.3	8.8	27	19.1							
Q013724		2.3	6	0.2	4.6	79	11.3							

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Finalized Date: 9-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145853

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013725		0.70	<0.01	0.34	0.28	20	20	0.12	0.02	15.35	0.71	6.49	1.9	<1	0.43	4.7
Q013726		0.33	0.01	0.06	0.87	<5	30	0.34	0.05	18.20	0.06	11.90	2.7	3	1.76	5.5
Q013727		0.35	0.01	0.10	1.23	7	60	0.41	0.05	16.10	0.08	14.70	2.8	7	2.61	5.7
Q013728		0.76	0.01	0.79	0.44	46	70	0.14	0.03	12.60	10.70	6.76	2.3	2	0.47	6.8
Q013729		0.28	<0.01	0.23	0.61	15	50	0.22	0.03	17.40	3.21	11.75	2.4	3	1.13	6.3
Q013730		0.66	0.04	0.59	0.39	51	50	0.15	0.03	11.05	7.68	7.94	2.6	1	0.50	6.8
Q013731		0.41	0.01	0.84	0.70	66.2	80	0.18	0.04	1.06	2.77	8.21	3.2	3	0.84	8.3
Q013732		0.49	0.05	>100	0.01	248	10	<0.05	0.11	0.03	173.0	0.19	0.1	<1	<0.05	6820
Q013733		0.24	0.25	>100	0.15	>10000	10	0.06	0.14	0.03	>1000	1.30	0.9	<1	0.13	1035
M389131		1.01	0.01	7.23	4.14	30.6	170	0.92	0.20	0.07	1.69	52.0	10.6	58	4.79	52.2
M389132		0.06	0.04	2.32	3.40	127.0	130	0.71	0.22	0.04	1.28	38.1	28.0	44	8.08	46.2
M389133		0.86	<0.01	1.27	0.32	2.0	130	0.09	0.01	0.31	0.15	2.25	1.5	15	0.24	6.3
M389135		0.69	<0.01	0.31	7.32	25.8	380	1.95	0.32	0.08	0.12	87.9	4.9	87	10.00	15.6
M389136		0.50	<0.01	0.23	7.20	19.0	390	1.77	0.37	0.05	0.02	92.4	5.5	82	11.00	20.1
M389137		0.65	<0.01	0.33	3.80	315	360	0.83	0.13	0.02	0.22	33.6	20.0	69	3.42	117.0
M389138		0.67	<0.01	0.08	8.53	33.9	570	1.98	0.29	0.03	0.03	86.7	11.8	96	8.93	42.2
M389139		0.59	0.01	0.41	4.31	11.3	890	1.55	0.30	0.02	0.13	60.4	5.8	38	4.79	28.9
M389140		0.26	0.01	0.33	6.02	29.4	730	1.72	0.42	0.02	0.07	74.4	13.4	58	7.62	51.5
M389141		0.95	<0.01	0.24	8.70	21.4	830	3.45	0.63	0.11	0.21	85.8	27.3	82	6.70	61.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145853

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013725		11.75	0.97	0.32	0.1	0.81	0.005	0.14	4.1	1.2	6.92	1060	0.21	0.01	0.9	6.4
Q013726		2.30	2.43	0.09	0.4	0.16	0.006	0.42	8.3	4.6	10.80	1500	0.07	0.02	1.7	4.9
Q013727		6.36	3.45	0.16	0.5	0.31	0.008	0.61	11.4	5.3	9.39	1480	0.13	0.02	2.0	6.9
Q013728		15.00	2.10	0.44	0.2	4.48	0.007	0.18	4.4	1.5	4.31	710	0.15	0.01	1.3	7.4
Q013729		6.37	1.90	0.16	0.3	0.54	0.005	0.29	8.2	2.2	8.46	1250	0.15	0.01	1.5	5.8
Q013730		19.35	1.75	0.47	0.2	2.97	0.007	0.17	5.5	1.3	4.84	1020	0.16	0.01	1.2	8.3
Q013731		44.4	3.07	2.76	0.3	3.40	0.013	0.33	4.9	2.1	0.23	833	0.21	<0.01	1.9	10.9
Q013732		0.16	0.79	<0.05	<0.1	8.29	0.014	<0.01	0.8	<0.2	0.01	18	0.20	<0.01	<0.1	0.3
Q013733		11.70	3.18	0.30	<0.1	70.4	0.413	0.06	2.1	4.5	0.02	3650	0.15	<0.01	0.3	1.9
M389131		4.74	12.20	0.13	2.2	<0.01	0.047	1.37	25.5	29.4	0.48	116	1.24	0.42	6.7	20.3
M389132		21.9	8.31	0.41	1.5	1.48	0.031	0.75	17.9	57.1	0.13	201	2.11	0.07	5.8	20.7
M389133		1.31	0.86	<0.05	0.1	0.07	0.005	0.07	0.8	7.8	0.12	468	0.20	0.01	0.3	4.2
M389135		2.49	20.4	0.15	4.1	2.16	0.068	2.70	42.0	55.0	0.37	76	1.27	0.92	13.3	13.0
M389136		3.17	20.3	0.16	4.0	0.57	0.072	2.84	43.1	20.0	0.40	57	1.30	0.82	13.4	14.5
M389137		10.50	9.43	0.23	1.2	1.05	0.073	0.77	14.0	43.9	0.13	370	0.41	0.02	4.5	48.6
M389138		4.86	23.8	0.21	3.2	1.11	0.078	3.20	41.8	59.1	0.46	179	0.28	0.03	11.7	23.0
M389139		3.89	11.30	0.15	2.3	0.35	0.038	1.79	31.2	13.6	0.29	183	50.7	0.34	8.0	8.3
M389140		10.55	17.60	0.29	2.6	0.40	0.064	2.31	39.1	20.9	0.56	1000	13.75	0.59	9.3	18.6
M389141		6.30	24.1	0.24	3.2	0.17	0.092	2.95	41.6	95.0	1.57	1020	5.16	0.42	11.7	43.7

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145853

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013725		250	1220	4.1	<0.002	>10.0	0.19	0.7	1	0.2	60.2	<0.05	<0.05	0.7	0.011	1.95
Q013726		330	55.5	12.4	<0.002	0.67	<0.05	2.1	1	0.3	80.5	0.11	<0.05	2.1	0.037	0.64
Q013727		190	103.5	21.0	<0.002	2.96	0.06	2.1	2	0.4	71.2	0.13	<0.05	2.4	0.052	1.16
Q013728		340	804	5.7	<0.002	>10.0	<0.05	1.2	2	0.3	78.6	0.07	<0.05	1.2	0.022	7.21
Q013729		550	226	8.7	<0.002	3.52	0.10	1.2	2	0.2	91.2	0.10	<0.05	1.3	0.030	8.29
Q013730		440	800	5.1	<0.002	>10.0	0.05	1.1	2	0.2	66.2	0.06	<0.05	1.1	0.018	5.94
Q013731		610	894	9.3	0.003	7.58	0.09	1.8	2	0.4	25.5	0.09	<0.05	1.7	0.027	5.98
Q013732		20	>10000	0.2	0.002	>10.0	7570	0.1	4	17.4	4.0	<0.05	<0.05	<0.2	<0.005	0.54
Q013733		180	>10000	3.0	<0.002	>10.0	>10000	0.2	26	18.8	1.7	<0.05	<0.05	<0.2	<0.005	0.49
M389131		260	1550	70.2	0.004	0.25	39.1	12.6	2	1.6	42.0	0.51	0.05	7.1	0.359	0.45
M389132		250	318	36.2	<0.002	0.16	45.1	5.8	6	1.3	34.2	0.42	0.07	5.8	0.326	0.50
M389133		120	289	3.3	<0.002	0.02	4.03	0.7	1	0.2	86.7	<0.05	<0.05	0.3	0.015	0.03
M389135		210	47.8	138.5	0.008	0.36	4.74	19.9	3	2.7	78.7	1.00	0.09	11.5	0.648	0.93
M389136		290	41.5	147.5	0.006	0.11	1.61	19.4	4	2.8	69.2	0.97	0.11	12.9	0.581	1.02
M389137		580	50.8	32.5	<0.002	0.04	22.9	10.7	2	0.9	645	0.30	0.07	5.5	0.344	0.78
M389138		450	21.8	144.5	<0.002	0.02	2.01	20.6	2	2.9	517	0.87	0.06	12.2	0.518	0.77
M389139		320	47.3	84.5	0.005	1.60	4.47	9.4	3	2.7	40.3	0.66	0.09	7.4	0.280	0.71
M389140		810	60.1	107.5	0.013	2.68	4.41	11.6	4	3.3	49.7	0.74	0.17	10.4	0.323	0.89
M389141		670	37.2	122.0	0.007	0.48	2.45	17.1	3	4.2	59.9	0.93	0.14	13.7	0.369	0.83

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ALS Minerals

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145853

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Ag-GRA21	Zn-OG62	As-OG62	Pb-VOL70	Sb-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Ag	Zn	As	Pb	Sb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	5	0.001	0.001	0.01	0.01
Q013725		1.4	3	0.1	4.8	368	4.2							
Q013726		1.7	7	0.2	5.3	10	14.3							
Q013727		2.0	15	0.4	5.2	15	20.8							
Q013728		2.5	5	0.2	4.2	4010	8.7							
Q013729		3.1	5	0.2	6.0	829	11.2							
Q013730		2.8	4	0.2	5.3	1810	7.6							
Q013731		3.4	9	0.2	5.6	2210	10.6							
Q013732		1.0	<1	<0.1	0.1	>10000	<0.5	>1500	>20.0	3240	2.49		76.21	
Q013733		0.8	1	65.2	0.5	>10000	1.5	744	9.48		19.65	1.990		1.64
M389131		1.7	100	0.9	12.5	333	77.9							
M389132		1.3	71	0.8	9.6	242	53.1							
M389133		0.1	6	0.1	3.1	34	3.7							
M389135		3.0	176	1.8	18.6	59	140.5							
M389136		3.2	165	1.7	20.5	91	142.5							
M389137		1.0	99	0.8	12.2	125	41.2							
M389138		2.6	158	2.2	21.1	67	114.5							
M389139		2.8	89	1.8	12.2	79	81.0							
M389140		3.6	147	1.9	14.2	83	92.8							
M389141		4.3	172	2.0	21.5	121	113.0							

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1016-510 W HASTINGS ST
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145853

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
Applies to Method: ME-MS61

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method:

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method:

Ag-GRA21	Ag-OG62	As-OG62	Au-AA26
Hg-CV41	ME-MS61	ME-OG62	ME-XRF10
OA-GRA06	Pb-OG62	Pb-VOL70	Sb-XRF10
Zn-OG62			

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

CERTIFICATE WH13146957

Project: Nadaleen
P.O. No.: R13-23
This report is for 47 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 1-SEP-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146957

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012309		0.21	0.01	0.22	1.24	902	110	0.14	0.37	0.03	0.05	12.45	0.5	32	1.56	4.4
Q012310		5.00	<0.01	0.02	1.26	11.9	100	0.13	0.04	0.04	0.03	15.25	0.4	29	1.10	1.9
Q012311		0.31	<0.01	0.03	1.63	137.0	70	0.21	0.06	0.13	<0.02	11.85	2.8	23	1.05	9.5
Q012312		0.29	<0.01	0.01	0.22	5.3	10	<0.05	0.01	0.03	<0.02	1.80	1.4	21	0.39	4.5
Q012313		0.11	<0.01	0.02	1.63	4.8	50	0.43	0.07	8.55	0.05	19.40	3.9	18	2.55	15.6
Q012314		0.20	0.01	0.01	1.99	318	150	0.25	0.06	0.08	0.02	13.50	7.0	39	1.78	21.8
Q012315		0.08	<0.01	0.03	2.70	53.6	130	0.39	0.09	0.04	<0.02	31.6	4.5	45	1.96	13.4
Q012316		0.11	<0.01	0.01	0.96	12.9	60	0.38	0.06	0.03	0.04	9.77	9.1	21	0.77	17.6
Q012317		0.23	1.54	0.63	0.43	398	130	0.21	0.03	21.0	0.50	3.74	6.3	8	0.66	6.3
Q012318		0.62	1.74	0.40	0.23	345	60	0.19	0.02	23.4	0.78	1.61	7.6	5	0.21	5.1
Q012319		0.15	0.28	0.50	1.53	139	420	0.65	0.08	17.75	0.35	17.95	3.2	27	2.87	9.9
Q012320		0.22	0.52	0.52	0.52	370	200	0.20	0.04	22.3	1.34	5.88	6.3	10	0.47	6.2
Q012321		0.34	0.08	0.38	0.57	246	70	0.42	0.03	34.3	0.68	5.40	1.2	8	0.97	3.6
Q012322		0.29	0.48	0.20	0.20	156	50	0.15	0.02	23.8	0.52	1.57	2.0	4	0.17	2.3
Q012323		0.22	0.53	0.16	0.14	1120	60	0.20	0.02	28.6	0.18	2.91	2.4	4	0.20	1.9
Q012324		0.21	1.86	1.58	1.41	1800	310	0.56	0.10	18.55	0.92	13.50	18.1	23	1.64	14.7
Q012325		0.16	0.18	0.27	0.37	186	60	0.56	0.02	34.0	1.09	4.62	2.0	5	0.52	2.9
Q012326		0.39	0.08	0.34	0.49	232	50	0.32	0.02	31.4	0.63	4.98	1.5	6	0.89	3.4
Q013734		0.18	4.64	1.59	1.00	5340	880	0.59	0.05	24.4	0.67	9.34	5.2	14	0.84	6.0
Q013735		0.23	0.20	0.56	0.66	320	190	0.48	0.03	23.8	1.35	7.61	3.4	9	0.49	3.1
Q013736		0.23	0.43	0.49	0.39	835	80	0.25	0.03	23.8	1.21	3.16	3.3	7	0.34	3.7
Q013737		0.51	0.11	0.12	0.07	108	30	0.07	0.01	23.4	0.09	1.42	0.6	1	0.06	1.4
Q013738		0.33	3.98	1.32	0.70	5430	630	0.60	0.03	26.7	0.48	6.96	11.8	12	0.61	6.6
Q013739		0.64	1.25	0.26	0.18	968	100	0.26	0.01	29.3	0.58	2.62	4.0	5	0.21	2.6
Q013740		0.34	0.37	0.68	0.63	382	230	0.47	0.03	25.6	1.62	8.89	3.0	10	0.59	3.2
Q013741		0.10	0.38	0.60	0.84	640	120	0.51	0.03	26.2	1.47	14.00	4.0	9	0.58	4.1
Q013742		0.53	3.54	1.85	1.09	>10000	1040	0.71	0.05	24.1	0.81	11.55	10.9	16	0.89	8.2
Q013743		0.16	0.18	0.73	0.96	640	160	0.48	0.03	22.5	0.79	7.14	4.3	10	0.76	3.2
Q013744		0.31	0.62	0.78	0.69	524	230	0.53	0.03	23.8	0.95	7.13	3.6	9	0.57	3.1
Q013745		0.26	0.06	0.24	0.10	244	120	0.15	0.01	25.1	0.33	2.35	1.8	2	0.12	2.0
Q013746		0.14	0.16	1.67	0.20	1390	250	0.22	0.07	25.0	0.57	5.20	19.2	6	0.27	10.3
Q013747		0.43	1.97	0.85	0.59	508	190	0.26	0.04	20.1	0.49	4.47	7.0	10	0.63	5.4
Q013748		0.22	1.09	0.58	0.49	379	160	0.25	0.02	20.5	0.32	4.42	4.7	9	0.63	4.9
Q013749		0.29	1.02	0.63	0.44	390	130	0.22	0.02	20.9	0.48	3.52	6.6	8	0.46	4.2
Q013750		0.40	2.62	1.32	0.99	705	500	0.43	0.05	20.0	0.68	8.93	8.3	15	1.19	7.6
Q013751		0.21	0.90	1.00	0.29	709	40	0.27	0.03	24.0	1.10	1.24	5.4	6	0.20	4.8
Q013752		0.21	0.82	1.15	0.65	611	210	0.29	0.04	23.2	1.78	7.29	6.7	11	0.47	6.7
Q013753		0.26	0.59	0.76	0.76	475	220	0.32	0.04	20.1	1.54	6.85	8.0	12	0.79	6.7
Q013754		0.58	1.00	1.15	0.76	547	220	0.34	0.05	21.8	2.02	7.69	8.7	13	0.61	7.3
Q013755		0.52	0.25	0.25	0.21	397	30	0.26	0.02	24.8	0.61	2.09	3.6	6	0.21	2.9

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146957

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012309		0.85	2.90	0.10	1.2	0.52	0.007	0.45	6.4	61.9	0.05	73	0.41	0.01	1.4	3.3
Q012310		0.45	3.54	0.13	1.2	0.28	<0.005	0.42	7.0	11.8	0.05	46	0.17	0.01	1.8	1.8
Q012311		2.53	3.06	0.09	0.6	0.20	<0.005	0.26	6.2	19.6	0.09	225	1.01	0.04	1.2	8.5
Q012312		0.71	0.56	0.08	0.1	0.01	<0.005	0.05	0.9	4.3	0.04	99	0.28	0.06	0.3	4.2
Q012313		2.71	4.48	0.11	0.9	0.04	0.011	0.68	8.6	54.4	3.42	486	0.22	0.01	2.4	6.8
Q012314		3.40	4.72	0.66	0.9	0.09	<0.005	0.50	6.7	20.4	0.10	246	0.45	0.01	1.9	21.9
Q012315		3.40	6.77	0.58	1.8	0.67	0.007	0.92	14.3	28.1	0.10	236	0.27	0.01	3.7	10.3
Q012316		2.59	2.44	0.11	0.3	0.17	<0.005	0.22	3.8	26.3	0.04	906	0.51	0.01	1.0	17.2
Q012317		0.77	1.29	0.07	0.2	5.9	<0.005	0.14	2.4	2.0	11.60	294	2.51	0.02	0.8	28.7
Q012318		0.59	0.75	0.08	0.1	2.20	<0.005	0.09	1.1	1.0	11.55	269	1.91	0.01	0.4	25.2
Q012319		0.90	4.14	0.10	0.9	1.48	<0.005	0.44	9.7	7.3	8.82	437	1.01	0.08	3.7	12.0
Q012320		0.76	1.42	0.10	0.3	7.4	<0.005	0.16	3.6	2.9	10.45	323	3.09	0.01	1.2	30.1
Q012321		0.32	1.55	0.09	0.2	5.18	<0.005	0.23	2.7	2.3	2.22	486	0.96	<0.01	0.9	4.6
Q012322		0.30	0.58	0.10	0.1	1.66	<0.005	0.06	1.1	1.1	10.70	359	1.12	0.01	0.3	13.6
Q012323		0.26	0.51	0.13	0.1	7.98	<0.005	0.05	1.6	1.1	6.12	529	0.56	0.01	0.3	9.4
Q012324		2.91	4.06	0.07	0.9	27.7	0.017	0.47	8.7	6.0	9.40	408	9.56	0.01	3.1	114.5
Q012325		0.30	1.26	<0.05	0.2	3.85	0.007	0.15	2.1	1.8	0.55	843	1.20	<0.01	0.7	11.3
Q012326		0.35	1.53	<0.05	0.2	3.23	0.005	0.22	1.9	2.1	2.45	314	0.87	0.01	0.9	9.3
Q013734		0.76	3.00	0.09	0.5	35.7	<0.005	0.43	7.7	3.1	4.65	536	3.09	0.01	1.6	15.1
Q013735		0.70	1.87	0.10	0.3	8.10	0.008	0.23	4.1	3.4	8.73	1040	1.18	0.01	1.1	15.8
Q013736		0.90	1.25	0.08	0.2	14.0	0.013	0.14	1.8	1.8	8.21	433	2.39	0.01	0.7	26.2
Q013737		0.09	0.35	0.25	<0.1	1.16	<0.005	0.03	0.7	0.8	10.10	267	0.28	0.01	0.1	5.3
Q013738		0.82	2.21	0.14	0.3	23.3	0.007	0.32	5.7	2.4	6.25	653	2.14	0.01	1.4	16.2
Q013739		0.18	0.71	0.18	0.1	17.1	<0.005	0.07	2.0	1.2	5.44	639	0.26	0.01	0.4	9.4
Q013740		0.73	1.81	0.14	0.3	9.39	0.006	0.21	4.7	3.0	7.07	799	1.55	0.01	1.2	18.8
Q013741		1.32	2.69	0.13	0.4	8.58	0.007	0.37	6.8	3.1	6.27	2090	1.50	0.01	1.4	45.9
Q013742		1.09	3.52	0.09	0.5	36.8	0.008	0.49	9.6	3.4	5.23	555	4.43	0.01	2.1	18.0
Q013743		1.31	3.01	0.09	0.3	4.20	0.006	0.43	3.8	4.4	8.87	1990	1.35	0.01	1.5	19.8
Q013744		0.82	1.92	0.10	0.3	7.35	0.005	0.23	4.0	3.4	8.57	933	1.63	0.01	1.1	17.0
Q013745		0.53	0.41	0.14	<0.1	3.50	<0.005	0.04	1.3	0.8	8.43	205	1.27	0.01	0.2	16.4
Q013746		3.57	0.59	<0.05	0.1	13.7	0.010	0.07	3.0	1.1	6.03	262	3.90	0.01	0.5	42.0
Q013747		0.78	1.83	0.06	0.3	9.97	0.009	0.21	2.5	2.7	11.25	273	3.57	0.01	1.2	34.4
Q013748		0.63	1.50	0.13	0.2	5.26	0.013	0.17	2.5	2.5	11.60	288	2.88	0.01	0.9	25.8
Q013749		0.55	1.40	0.14	0.2	5.24	0.009	0.16	2.1	2.0	11.35	293	2.65	0.01	0.8	28.5
Q013750		1.02	2.74	0.10	0.6	13.1	0.009	0.32	5.3	4.4	10.75	294	4.35	0.01	2.4	39.3
Q013751		1.04	1.00	0.09	0.1	9.62	0.007	0.09	0.8	1.1	9.76	516	2.87	0.01	0.4	57.3
Q013752		1.00	1.92	0.08	0.4	12.2	0.011	0.20	5.0	3.3	8.87	462	4.57	0.01	1.5	54.1
Q013753		0.92	2.40	0.10	0.4	10.20	0.008	0.28	3.8	4.3	8.83	356	4.15	0.01	1.9	36.3
Q013754		0.99	2.28	0.15	0.4	11.8	0.014	0.26	4.9	3.4	9.40	421	4.90	0.01	1.7	53.5
Q013755		0.67	0.87	0.11	0.1	4.29	<0.005	0.09	1.0	0.9	8.51	374	1.87	0.01	0.4	27.0

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146957

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012309		90	26.5	18.9	<0.002	0.03	5.38	2.1	1	0.3	117.0	0.10	<0.05	3.0	0.121	1.38
Q012310		340	7.2	18.2	<0.002	0.02	0.59	2.8	1	0.3	436	0.12	<0.05	2.6	0.135	1.21
Q012311		190	5.8	10.6	<0.002	<0.01	1.38	2.4	<1	0.3	93.1	0.08	<0.05	1.8	0.066	0.21
Q012312		30	1.6	2.0	<0.002	<0.01	0.09	0.7	1	<0.2	9.7	<0.05	<0.05	0.5	0.031	<0.02
Q012313		180	7.1	29.1	<0.002	0.07	0.23	4.0	1	0.7	73.7	0.18	<0.05	2.4	0.099	0.21
Q012314		180	3.8	19.6	<0.002	0.01	1.78	4.2	1	0.4	91.3	0.14	<0.05	2.5	0.137	0.35
Q012315		110	6.4	35.1	<0.002	0.06	2.43	3.8	1	0.7	105.5	0.28	<0.05	5.5	0.264	0.93
Q012316		90	3.2	8.9	<0.002	<0.01	0.54	3.0	<1	0.3	15.5	0.08	<0.05	1.5	0.041	0.17
Q012317		210	14.9	6.4	<0.002	0.01	0.95	0.8	1	0.2	98.3	0.05	<0.05	0.7	0.023	2.32
Q012318		140	12.1	3.4	<0.002	<0.01	0.68	0.4	<1	<0.2	89.2	<0.05	<0.05	0.4	0.012	0.63
Q012319		290	11.1	25.5	<0.002	0.02	0.82	3.1	1	0.5	124.5	0.24	<0.05	2.4	0.096	2.95
Q012320		270	26.9	6.1	<0.002	0.01	0.95	0.8	<1	0.2	130.0	0.08	<0.05	1.2	0.033	1.36
Q012321		210	8.0	8.3	<0.002	0.01	0.96	4.7	1	0.2	125.5	0.06	<0.05	0.8	0.025	0.90
Q012322		140	8.0	2.4	<0.002	<0.01	0.34	0.6	<1	<0.2	78.0	<0.05	<0.05	0.3	0.009	0.70
Q012323		90	4.6	2.1	0.003	0.01	0.38	2.0	<1	<0.2	128.0	<0.05	<0.05	0.2	0.007	4.75
Q012324		480	61.2	17.9	0.002	0.01	5.49	1.8	<1	0.5	166.0	0.19	<0.05	2.4	0.083	10.40
Q012325		270	8.7	5.9	0.004	0.02	0.41	4.0	<1	<0.2	66.2	<0.05	<0.05	0.7	0.019	1.43
Q012326		250	5.1	8.0	0.002	0.01	0.81	3.2	<1	0.2	159.5	0.05	<0.05	0.6	0.024	0.92
Q013734		1000	51.6	15.9	0.003	0.02	1.74	1.7	<1	0.4	548	0.09	<0.05	1.3	0.045	13.05
Q013735		180	12.9	8.5	0.003	<0.01	1.12	2.5	<1	0.2	118.0	0.06	<0.05	1.0	0.031	1.73
Q013736		350	12.3	5.1	0.003	0.02	2.35	1.4	<1	<0.2	82.8	<0.05	<0.05	0.6	0.019	2.84
Q013737		50	1.9	1.0	0.002	<0.01	0.11	0.6	<1	<0.2	120.0	<0.05	<0.05	<0.2	<0.005	0.72
Q013738		620	41.5	11.4	0.003	0.04	1.16	1.0	1	0.3	530	0.08	<0.05	1.0	0.038	13.60
Q013739		150	6.7	2.7	0.004	0.04	0.25	1.4	<1	<0.2	217	<0.05	<0.05	0.3	0.010	3.36
Q013740		220	10.7	7.4	0.002	<0.01	1.10	2.7	<1	0.2	123.5	0.07	<0.05	1.1	0.035	1.38
Q013741		100	11.3	12.5	0.002	<0.01	1.00	5.0	<1	0.2	107.0	0.09	<0.05	1.6	0.043	4.70
Q013742		1060	58.0	18.6	0.003	0.02	1.56	1.6	<1	0.5	575	0.13	<0.05	1.6	0.055	27.8
Q013743		100	11.1	15.2	0.003	<0.01	1.30	3.1	<1	0.3	112.0	0.09	<0.05	1.1	0.042	2.53
Q013744		210	12.6	8.1	0.003	<0.01	0.91	2.3	<1	0.2	126.5	0.07	<0.05	0.9	0.031	1.91
Q013745		100	3.5	1.4	0.002	<0.01	0.31	0.3	<1	<0.2	125.5	<0.05	<0.05	<0.2	0.005	0.20
Q013746		230	23.9	2.5	0.002	0.03	1.89	0.4	1	0.2	169.0	<0.05	<0.05	0.5	0.013	3.69
Q013747		260	25.4	8.1	0.003	0.01	1.44	0.9	<1	0.2	104.5	0.07	<0.05	0.9	0.032	2.12
Q013748		230	17.3	6.8	0.002	<0.01	0.83	0.9	<1	0.2	99.6	0.06	<0.05	0.7	0.026	3.19
Q013749		210	18.0	6.0	0.002	<0.01	0.81	0.7	<1	0.2	96.9	0.05	<0.05	0.7	0.023	1.50
Q013750		470	31.8	11.9	0.002	0.01	1.84	1.5	<1	0.3	203	0.16	<0.05	1.7	0.061	2.15
Q013751		120	16.4	3.0	0.002	0.01	2.75	0.6	<1	<0.2	75.0	<0.05	<0.05	0.3	0.011	3.04
Q013752		320	48.6	7.3	0.002	<0.01	2.20	1.0	<1	0.3	123.5	0.10	<0.05	1.2	0.040	2.37
Q013753		330	45.7	10.5	0.003	0.01	1.46	0.9	<1	0.3	120.5	0.12	<0.05	1.5	0.048	1.59
Q013754		340	48.3	9.3	0.004	<0.01	2.31	1.2	<1	0.3	120.0	0.10	<0.05	1.3	0.044	2.50
Q013755		300	6.2	3.4	0.003	<0.01	1.76	2.7	<1	<0.2	85.1	<0.05	<0.05	0.5	0.010	1.45

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146957

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
Q012309		0.4	34	1.0	3.0	8	45.8	
Q012310		0.4	32	0.7	5.3	4	37.6	
Q012311		0.4	25	0.3	2.7	16	17.9	
Q012312		0.1	8	0.1	0.8	3	4.2	
Q012313		0.6	27	0.4	21.7	45	26.3	
Q012314		0.4	45	0.5	3.7	33	31.1	
Q012315		0.8	66	1.2	8.5	52	56.6	
Q012316		0.3	13	0.1	3.5	31	11.1	
Q012317		3.4	14	1.0	2.0	257	7.7	
Q012318		5.0	11	0.6	1.5	213	4.6	
Q012319		2.1	66	0.9	6.1	77	23.7	
Q012320		10.6	14	2.0	3.0	288	10.8	
Q012321		5.1	26	1.0	11.4	98	7.6	
Q012322		10.6	8	0.6	1.8	107	4.2	
Q012323		4.3	12	0.6	5.2	66	2.8	
Q012324		6.9	33	5.4	3.5	874	27.3	
Q012325		5.1	15	1.1	7.5	97	6.1	
Q012326		3.2	19	1.0	6.7	84	6.4	
Q013734		11.5	29	7.2	3.6	215	14.2	
Q013735		4.1	22	1.5	7.5	176	9.1	
Q013736		10.9	13	1.2	4.7	287	6.9	
Q013737		1.9	3	0.2	1.9	27	1.2	
Q013738		9.9	27	6.4	3.2	202	11.6	
Q013739		5.0	16	1.3	4.1	121	3.4	
Q013740		6.6	25	1.8	8.6	233	10.7	
Q013741		8.2	42	2.3	12.2	760	12.7	
Q013742		13.5	32	8.2	3.6	314	17.2	1.030
Q013743		2.8	25	2.0	5.4	324	10.8	
Q013744		4.1	21	1.6	5.6	181	8.8	
Q013745		1.0	4	0.2	1.9	246	1.6	
Q013746		2.0	17	0.7	1.7	415	4.6	
Q013747		3.7	15	1.8	1.5	282	11.1	
Q013748		3.0	16	1.3	1.6	212	8.1	
Q013749		4.7	12	1.2	1.6	211	7.2	
Q013750		5.9	21	3.2	2.6	372	18.8	
Q013751		13.3	12	0.8	2.9	367	5.9	
Q013752		15.3	18	2.7	3.5	365	12.7	
Q013753		11.5	16	2.9	3.0	350	14.7	
Q013754		11.4	21	3.0	3.4	335	15.4	
Q013755		9.6	11	0.5	5.5	241	4.2	

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Finalized Date: 1-SEP-2013
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CERTIFICATE OF ANALYSIS WH13146957

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q013756		0.22	1.24	0.54	0.30	272	110	0.12	0.02	21.9	0.43	2.31	4.4	5	0.27	3.5
Q013757		0.41	1.29	0.55	0.33	292	90	0.18	0.02	21.6	0.40	1.90	5.2	6	0.28	3.5
Q013758		0.28	0.75	0.61	0.35	273	140	0.17	0.02	20.3	0.29	2.78	4.0	7	0.29	3.7
Q013759		0.20	1.07	0.47	0.21	350	80	0.18	0.01	22.0	0.38	1.49	6.8	4	0.16	3.8
Q013760		0.24	2.63	0.62	0.47	127	160	0.26	0.03	21.5	0.39	4.80	1.9	9	0.44	3.3
Q013761		0.24	1.33	0.40	0.31	88	80	0.16	0.01	21.3	0.26	2.04	1.9	5	0.25	2.4
Q013762		0.33	1.03	0.56	0.37	365	160	0.14	0.02	20.0	0.29	2.57	3.9	6	0.29	3.7

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CERTIFICATE OF ANALYSIS WH13146957

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q013756		0.47	0.96	0.16	0.1	3.96	0.006	0.11	1.4	1.4	11.55	240	1.98	0.01	0.6	22.4
Q013757		0.54	1.21	0.22	0.1	3.69	0.009	0.12	1.1	1.4	11.65	274	2.50	0.01	0.6	27.2
Q013758		0.55	1.17	0.17	0.1	2.17	0.006	0.12	1.6	1.9	11.75	268	2.84	0.01	0.7	26.1
Q013759		0.59	0.72	0.21	0.1	1.68	0.006	0.07	0.8	1.4	12.15	218	2.26	0.01	0.4	27.4
Q013760		0.20	1.51	0.27	0.3	3.47	0.005	0.18	3.4	2.1	10.95	309	0.67	0.01	1.1	11.2
Q013761		0.21	1.15	0.28	0.1	2.43	0.006	0.12	1.2	1.5	11.00	279	0.61	0.01	0.6	11.9
Q013762		0.40	1.15	0.27	0.2	3.45	0.005	0.13	1.4	2.2	11.85	196	3.12	0.01	0.7	22.2

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146957

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013756		200	16.5	3.9	0.002	<0.01	0.56	0.4	<1	<0.2	97.0	<0.05	<0.05	0.5	0.016	0.59
Q013757		210	13.8	4.3	0.003	<0.01	0.64	0.5	<1	0.2	86.4	<0.05	<0.05	0.5	0.016	0.60
Q013758		180	15.8	4.5	0.003	<0.01	0.50	0.6	<1	<0.2	95.6	<0.05	<0.05	0.6	0.019	0.73
Q013759		120	10.0	2.5	0.003	<0.01	0.53	0.3	<1	<0.2	86.8	<0.05	<0.05	0.3	0.012	0.52
Q013760		240	8.6	6.8	0.003	<0.01	0.30	0.6	<1	0.2	112.0	0.07	<0.05	0.8	0.029	0.95
Q013761		190	4.9	4.2	0.002	<0.01	0.20	0.5	<1	<0.2	86.6	<0.05	<0.05	0.4	0.015	0.58
Q013762		170	15.1	4.5	0.003	<0.01	0.58	0.6	<1	<0.2	100.5	<0.05	<0.05	0.6	0.020	0.72

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Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146957

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
Q013756		4.4	11	0.9	1.2	165	5.4	
Q013757		4.8	12	1.3	1.0	205	5.6	
Q013758		2.7	10	1.1	0.9	205	5.5	
Q013759		2.5	10	0.7	0.8	228	3.7	
Q013760		5.1	15	1.4	1.4	69	8.8	
Q013761		6.1	9	0.9	1.1	79	6.3	
Q013762		2.1	11	1.1	0.8	162	5.7	

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CERTIFICATE OF ANALYSIS WH13146957

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

CERTIFICATE WH13152703

Project: Nadaleen

P.O. No.: R13-24

This report is for 164 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: ATAC RESOURCES LTD.
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M389142		0.49	<0.01	0.05	2.73	5.8	220	0.44	0.14	0.13	0.08	27.0	3.0	35	1.50	10.3
M389143		0.46	<0.01	0.10	7.39	14.4	1270	1.29	0.36	0.02	<0.02	79.2	4.1	89	10.20	20.7
M389144		0.42	<0.01	0.13	1.05	17.0	390	0.20	0.07	0.17	0.03	20.1	6.2	15	0.92	12.6
M389145		0.20	<0.01	0.16	1.14	32.8	60	0.17	0.06	0.02	0.04	20.7	12.0	17	1.15	13.5
M389146		0.58	<0.01	0.02	9.93	15.7	580	2.72	0.48	0.16	0.03	88.8	28.3	75	8.21	35.6
M389147		0.66	<0.01	0.02	1.89	4.3	340	0.83	0.06	2.39	0.30	49.2	7.2	19	0.93	10.2
M389148		0.62	<0.01	0.20	0.15	114	20	0.06	0.01	14.00	2.14	5.61	6.5	2	0.13	8.7
M389149		0.30	<0.01	0.15	2.45	8.8	370	0.49	0.16	0.05	0.02	38.2	1.4	32	2.34	11.1
M389150		0.24	<0.01	0.16	4.06	4.9	250	0.73	0.24	0.03	0.02	57.1	1.0	47	3.79	7.3
N830851		0.45	<0.01	0.13	5.41	13.4	280	1.10	0.24	0.05	0.08	58.0	9.3	64	4.85	30.1
N830852		0.36	<0.01	0.18	6.93	20.2	470	4.79	0.26	0.26	3.70	50.8	554	73	7.56	156.5
N830853		0.43	<0.01	0.04	9.18	17.6	710	2.49	0.44	0.19	0.03	69.4	19.3	79	5.20	25.6
Q005845		0.10	<0.01	0.02	0.15	115	70	0.33	0.02	34.3	1.26	4.08	1.5	6	0.31	17.6
Q005846		0.11	<0.01	0.02	0.24	449	70	1.30	0.01	31.3	1.85	4.16	5.0	12	0.54	27.8
Q012327		0.13	<0.01	0.86	0.10	295	20	0.10	0.01	22.7	20.9	1.42	0.5	<1	0.08	6.1
Q012328		0.35	<0.01	4.92	0.06	877	10	0.12	<0.01	21.4	81.7	0.85	0.4	<1	0.19	9.8
Q012329		0.38	<0.01	24.2	0.10	3010	30	0.18	0.02	22.9	159.0	1.47	0.4	<1	0.74	14.3
Q012330		0.07	<0.01	1.28	0.07	108	20	0.13	0.01	22.8	25.5	1.81	0.5	<1	0.07	10.1
Q012331		0.16	<0.01	4.71	0.22	189	30	0.34	0.02	22.7	60.3	2.03	0.5	<1	0.16	10.9
Q012332		0.17	<0.01	0.65	0.09	160	30	0.11	<0.01	21.2	27.3	1.62	0.6	<1	0.10	6.1
Q012333		0.15	<0.01	0.10	0.94	24.8	70	0.17	0.04	1.01	0.56	23.1	2.3	15	0.43	6.9
Q012334		0.30	0.01	>100	0.05	>10000	150	<0.05	0.03	21.2	>1000	2.45	0.4	<1	0.10	244
Q012335		0.52	<0.01	0.37	0.04	34	20	<0.05	<0.01	22.0	3.32	2.16	0.4	<1	0.06	4.2
Q012336		0.28	<0.01	0.05	0.02	5	10	<0.05	<0.01	23.0	0.79	0.72	0.6	<1	<0.05	2.9
Q012337		0.37	<0.01	0.15	0.11	14	20	<0.05	0.01	31.9	0.64	6.83	0.5	<1	0.09	4.4
Q012338		0.46	<0.01	0.04	1.58	48.2	120	0.21	0.05	1.33	0.24	37.5	2.0	20	0.50	6.1
Q012339		0.19	<0.01	0.03	1.73	4.2	100	0.31	0.04	0.45	0.21	22.5	21.9	16	0.99	9.2
Q012340		0.53	<0.01	0.05	0.15	31	10	0.27	<0.01	29.7	0.68	3.09	0.5	<1	0.21	4.4
Q012341		0.15	<0.01	0.09	0.30	98	90	0.35	0.01	26.1	2.48	5.26	0.5	<1	0.47	4.7
Q012342		0.28	<0.01	0.11	0.09	41	20	0.17	<0.01	33.6	0.48	1.13	0.4	<1	0.17	3.2
Q012343		0.17	<0.01	0.10	0.17	313	40	0.22	0.59	31.9	0.72	2.65	0.6	<1	0.89	3.8
Q012344		0.28	<0.01	0.04	0.07	81	10	0.30	0.15	35.6	0.66	2.83	0.4	<1	0.07	3.4
Q012345		0.26	<0.01	0.68	0.29	67	30	0.28	0.29	30.2	2.67	3.15	0.6	<1	0.21	6.8
Q012346		0.23	<0.01	0.98	0.05	90	10	0.09	<0.01	22.8	9.88	0.54	0.3	<1	<0.05	4.8
Q012347		0.39	<0.01	0.03	0.02	29	420	0.14	0.06	27.0	0.15	3.62	0.4	5	<0.05	3.1
Q012348		0.36	<0.01	0.04	0.02	13	60	0.07	<0.01	32.2	0.14	1.08	0.3	<1	<0.05	3.3
Q012349		0.14	<0.01	0.06	0.07	9	30	0.09	<0.01	25.3	0.27	2.24	0.3	<1	<0.05	3.4
Q012350		0.11	<0.01	0.13	0.16	132	20	0.34	0.01	30.5	1.34	3.16	0.4	6	0.14	4.2
Q012601		0.41	<0.01	0.08	0.07	53	40	0.10	0.01	27.0	0.23	1.34	0.4	<1	0.05	2.6
Q012602		0.32	<0.01	0.13	0.07	58	20	0.15	0.01	27.3	0.07	1.06	0.5	<1	0.05	2.8

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VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M389142		1.71	6.92	0.07	1.7	0.21	0.018	0.95	14.0	18.8	0.19	106	1.04	0.52	4.0	5.4
M389143		4.62	21.0	0.19	4.2	0.66	0.074	3.27	38.5	49.4	0.54	45	2.54	0.63	12.2	12.7
M389144		5.47	2.67	0.11	0.8	0.13	0.009	0.25	9.9	11.9	0.17	210	0.78	0.24	2.0	8.8
M389145		7.64	3.09	0.14	0.8	0.22	0.013	0.32	10.2	16.9	0.09	287	0.62	0.21	1.9	9.0
M389146		4.32	25.9	0.18	3.6	0.01	0.075	2.91	39.2	64.0	0.30	1140	1.54	0.13	15.5	39.8
M389147		2.38	6.25	0.13	2.4	0.08	0.027	0.52	18.2	23.6	0.57	4170	0.30	0.03	3.9	10.5
M389148		11.25	0.46	0.21	<0.1	1.22	0.022	0.05	2.8	2.3	7.61	1050	0.15	0.01	0.4	10.4
M389149		5.44	7.26	0.15	1.8	0.12	0.023	1.02	18.4	5.2	0.16	32	2.03	0.20	4.3	3.3
M389150		1.02	11.35	0.12	2.8	0.15	0.029	1.66	28.2	18.4	0.24	63	2.20	0.37	7.5	3.4
N830851		6.33	14.50	0.19	3.1	0.36	0.057	1.86	28.0	37.6	0.77	64	1.17	0.71	9.2	22.4
N830852		10.20	17.00	0.30	3.1	0.28	0.088	2.10	20.0	174.0	0.84	16300	6.01	0.46	8.9	683
N830853		4.49	25.6	0.19	4.0	0.08	0.068	3.03	29.4	86.3	0.78	865	0.40	0.49	16.8	33.5
Q005845		1.10	0.74	<0.05	0.1	0.03	<0.005	0.04	8.8	3.1	0.11	77	0.81	0.01	0.3	21.7
Q005846		4.94	1.86	<0.05	0.1	0.03	<0.005	0.04	6.6	1.3	0.12	178	2.23	0.01	0.3	77.3
Q012327		0.10	0.30	0.09	<0.1	9.88	<0.005	0.03	0.8	1.0	9.52	300	0.16	0.01	0.1	2.2
Q012328		0.13	0.31	0.20	<0.1	39.1	<0.005	0.02	0.5	0.8	10.55	395	0.17	0.01	0.1	2.3
Q012329		0.11	0.57	0.20	<0.1	81.9	0.005	0.04	0.8	1.0	8.18	447	0.13	0.01	0.1	1.7
Q012330		0.07	0.34	0.26	<0.1	15.6	<0.005	0.02	1.0	0.9	10.10	248	0.14	0.01	0.1	2.2
Q012331		0.12	1.23	0.34	0.1	22.4	0.021	0.09	1.1	1.3	8.79	165	0.31	0.01	0.4	2.0
Q012332		0.10	0.43	0.35	<0.1	8.53	<0.005	0.03	1.0	1.0	10.45	206	0.16	0.01	0.1	2.2
Q012333		1.35	1.99	0.11	0.8	0.33	0.009	0.26	10.8	14.2	0.21	378	0.82	0.01	1.9	4.9
Q012334		0.08	1.82	0.22	<0.1	>100	0.018	0.02	2.6	1.3	0.66	455	0.46	0.01	0.1	1.3
Q012335		0.05	0.18	0.21	<0.1	0.51	<0.005	0.01	3.3	0.8	11.65	123	0.17	0.02	0.1	1.9
Q012336		0.07	0.15	0.32	<0.1	0.08	<0.005	<0.01	0.9	0.4	11.80	97	0.07	0.01	<0.1	2.7
Q012337		0.07	0.37	0.31	<0.1	0.15	<0.005	0.04	3.3	0.6	3.74	39	0.67	0.01	0.1	2.0
Q012338		1.11	3.29	0.10	2.9	0.04	0.013	0.38	15.9	4.6	0.08	342	0.17	0.37	2.6	4.1
Q012339		3.05	3.92	0.05	1.1	0.06	0.009	0.37	10.2	47.2	0.20	1080	0.33	0.21	1.7	21.6
Q012340		0.09	0.41	0.12	<0.1	0.12	<0.005	0.06	1.6	0.8	4.96	312	0.30	0.01	0.2	3.3
Q012341		0.19	0.83	0.18	0.2	0.19	0.005	0.12	3.1	1.1	6.99	202	0.24	0.01	0.7	11.5
Q012342		0.08	0.27	0.14	<0.1	0.63	<0.005	0.03	0.7	0.7	0.12	200	0.25	<0.01	0.2	1.1
Q012343		0.29	0.45	0.08	0.1	0.41	<0.005	0.06	1.2	0.9	3.26	229	0.48	0.01	0.3	10.5
Q012344		0.10	0.24	0.12	<0.1	1.00	<0.005	0.02	1.7	0.4	0.20	302	0.16	<0.01	0.1	1.4
Q012345		0.20	0.80	0.18	0.1	3.04	0.005	0.10	1.7	1.1	4.73	262	2.10	0.01	0.7	6.7
Q012346		0.06	0.20	0.25	<0.1	6.62	<0.005	0.01	<0.5	0.6	10.90	133	0.53	0.01	0.1	2.6
Q012347		0.10	0.19	0.30	<0.1	0.37	<0.005	0.01	4.4	0.4	6.80	106	0.42	<0.01	0.1	2.2
Q012348		0.04	0.10	0.13	<0.1	0.72	<0.005	<0.01	1.5	0.3	4.03	69	0.20	0.01	<0.1	0.6
Q012349		0.07	0.27	0.20	<0.1	0.79	<0.005	0.01	2.7	0.6	8.87	91	0.15	0.01	0.1	0.9
Q012350		0.10	0.50	0.29	0.1	1.03	0.005	0.05	1.6	0.9	3.78	318	0.59	<0.01	0.2	1.9
Q012601		0.13	0.27	0.25	<0.1	0.97	<0.005	0.02	0.8	0.6	6.75	154	0.36	0.01	0.1	2.4
Q012602		0.13	0.27	0.30	<0.1	0.88	<0.005	0.02	0.6	0.5	7.12	164	0.42	0.01	0.1	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M389142		130	42.5	45.2	0.004	0.67	0.73	5.2	2	0.9	38.9	0.30	0.05	4.6	0.227	0.27
M389143		360	26.4	160.5	0.008	0.96	0.97	19.7	4	2.6	88.0	0.93	0.10	12.5	0.579	1.11
M389144		110	24.5	13.2	<0.002	4.34	2.27	2.4	3	0.4	27.0	0.16	<0.05	2.6	0.103	0.47
M389145		190	30.7	16.0	<0.002	0.03	2.96	2.7	3	0.5	46.5	0.15	<0.05	2.7	0.101	0.13
M389146		370	35.9	125.5	0.003	0.13	0.66	17.4	2	3.2	170.0	1.17	0.06	17.3	0.421	0.53
M389147		410	43.4	24.4	<0.002	0.03	0.30	6.3	2	0.6	154.0	0.34	<0.05	7.7	0.130	0.11
M389148		30	86.3	1.4	<0.002	>10.0	0.21	3.7	1	0.2	41.6	<0.05	<0.05	0.2	<0.005	2.50
M389149		90	11.7	52.5	0.004	1.16	0.33	6.8	5	1.1	31.3	0.31	0.05	5.2	0.238	0.34
M389150		110	18.2	89.3	0.007	0.12	0.57	11.5	2	1.7	39.9	0.56	0.05	8.2	0.359	0.53
N830851		350	23.6	95.7	0.005	5.04	0.71	15.4	4	1.9	49.9	0.70	0.08	9.5	0.527	0.60
N830852		380	21.8	93.1	0.022	0.29	1.39	26.4	6	2.0	92.5	0.68	0.10	8.1	0.383	1.71
N830853		390	30.2	122.0	<0.002	0.19	0.51	15.2	2	3.4	117.0	1.33	0.05	15.9	0.437	0.71
Q005845		170	4.3	2.2	<0.002	<0.01	1.33	1.3	<1	<0.2	109.0	<0.05	<0.05	0.7	0.008	0.03
Q005846		300	11.9	2.3	<0.002	0.01	5.27	1.6	1	<0.2	31.7	<0.05	<0.05	0.4	0.007	0.09
Q012327		40	10.6	1.6	<0.002	0.05	0.15	0.2	<1	<0.2	114.5	<0.05	<0.05	0.2	<0.005	0.08
Q012328		50	879	0.8	<0.002	0.31	5.94	0.1	1	<0.2	113.5	<0.05	<0.05	<0.2	<0.005	0.60
Q012329		30	>10000	1.6	<0.002	0.82	107.5	0.3	3	0.2	128.5	<0.05	<0.05	0.2	<0.005	3.05
Q012330		50	145.5	1.0	<0.002	0.05	0.97	0.1	<1	<0.2	117.0	<0.05	<0.05	<0.2	<0.005	0.18
Q012331		70	908	3.7	<0.002	0.08	26.7	0.5	1	0.8	170.0	<0.05	<0.05	0.4	0.011	0.31
Q012332		120	10.0	1.6	<0.002	0.11	0.38	0.2	1	<0.2	129.0	<0.05	<0.05	<0.2	<0.005	0.13
Q012333		320	25.4	12.2	<0.002	0.02	0.37	1.4	<1	0.3	40.0	0.15	<0.05	2.3	0.082	0.07
Q012334		20	>10000	0.7	<0.002	4.76	942	0.1	9	0.2	309	<0.05	<0.05	<0.2	<0.005	3.17
Q012335		70	154.0	0.6	<0.002	<0.01	1.47	0.2	<1	<0.2	106.0	<0.05	<0.05	<0.2	<0.005	0.05
Q012336		120	44.8	0.2	<0.002	<0.01	0.32	0.1	<1	<0.2	92.3	<0.05	<0.05	<0.2	<0.005	0.05
Q012337		30	23.6	1.7	<0.002	<0.01	0.70	0.3	<1	<0.2	221	<0.05	<0.05	0.2	0.005	0.09
Q012338		100	13.2	17.5	<0.002	<0.01	0.21	1.8	<1	0.4	30.9	0.22	<0.05	8.6	0.117	0.13
Q012339		120	11.5	17.7	<0.002	<0.01	0.14	2.0	<1	0.4	18.7	0.15	<0.05	3.4	0.074	0.11
Q012340		220	9.4	2.4	<0.002	<0.01	0.19	0.7	<1	<0.2	55.1	<0.05	<0.05	0.2	0.006	0.48
Q012341		210	73.3	4.9	<0.002	<0.01	2.51	1.7	<1	<0.2	126.5	0.05	<0.05	1.1	0.018	1.51
Q012342		60	8.4	1.1	<0.002	<0.01	0.30	0.6	<1	<0.2	12.2	<0.05	<0.05	0.2	0.005	0.17
Q012343		90	10.3	3.0	<0.002	<0.01	1.76	0.6	<1	<0.2	94.7	<0.05	<0.05	0.3	0.008	1.12
Q012344		80	10.6	0.9	<0.002	0.02	0.20	0.5	<1	<0.2	12.0	<0.05	<0.05	<0.2	<0.005	0.50
Q012345		70	67.6	3.9	<0.002	0.01	3.99	1.4	<1	<0.2	51.0	0.05	<0.05	0.5	0.016	0.13
Q012346		60	52.6	0.6	<0.002	0.02	1.05	0.1	<1	<0.2	123.5	<0.05	<0.05	<0.2	<0.005	0.14
Q012347		610	7.9	0.3	<0.002	<0.01	0.19	1.0	<1	<0.2	109.0	<0.05	<0.05	0.2	<0.005	0.04
Q012348		60	4.2	0.3	<0.002	<0.01	0.11	0.4	<1	<0.2	192.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q012349		240	6.5	0.7	<0.002	<0.01	0.21	1.4	<1	<0.2	90.4	<0.05	<0.05	<0.2	<0.005	<0.02
Q012350		80	15.7	2.3	<0.002	<0.01	1.01	1.7	<1	<0.2	35.7	<0.05	<0.05	0.3	0.008	0.28
Q012601		70	2.7	0.9	<0.002	<0.01	0.34	0.7	<1	<0.2	69.6	<0.05	<0.05	0.2	<0.005	0.10
Q012602		70	1.9	1.0	<0.002	<0.01	0.39	0.8	<1	<0.2	66.4	<0.05	<0.05	<0.2	<0.005	0.10

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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.1
M389142		1.0	59	0.8	6.4	41	55.9					
M389143		3.3	188	1.9	20.1	38	138.5					
M389144		0.6	21	0.3	5.4	20	26.1					
M389145		0.7	23	0.3	4.7	27	25.8					
M389146		5.5	93	2.1	19.9	85	120.0					
M389147		1.9	18	0.6	23.4	97	81.9					
M389148		0.7	7	0.1	4.9	2330	1.4					
M389149		1.7	65	0.7	8.1	15	59.5					
M389150		2.6	102	1.1	12.8	15	93.2					
N830851		2.2	127	1.4	18.1	55	104.0					
N830852		5.3	136	1.2	31.2	789	100.5					
N830853		3.9	89	2.0	16.2	92	133.0					
Q005845		0.6	12	1.2	17.4	164	4.6					
Q005846		0.6	34	6.7	17.0	457	6.4					
Q012327		1.7	4	0.1	1.2	1660	1.4					
Q012328		1.2	4	0.1	0.7	8510	0.8					
Q012329		2.1	6	0.2	1.2	>10000	1.5		1.150	1.945		
Q012330		0.9	3	0.1	0.6	1440	0.8					
Q012331		3.5	10	0.5	1.2	5650	3.1					
Q012332		1.3	3	0.1	1.8	3160	1.3					
Q012333		0.5	13	0.3	4.9	67	24.6					
Q012334		1.0	2	0.1	4.1	>10000	0.6	226	3.82	13.50	1.150	188.5
Q012335		1.0	4	<0.1	7.0	268	0.7					
Q012336		0.9	2	<0.1	3.5	46	<0.5					
Q012337		2.2	7	<0.1	5.1	60	1.4					
Q012338		1.1	13	0.2	7.4	38	91.1					
Q012339		0.9	12	0.3	11.8	47	30.5					
Q012340		1.6	6	0.1	3.6	70	1.9					
Q012341		2.9	7	1.1	3.4	306	5.4					
Q012342		3.1	6	0.1	2.2	28	1.5					
Q012343		3.1	6	0.2	1.5	281	2.2					
Q012344		2.7	8	0.1	4.1	19	1.9					
Q012345		4.4	11	0.7	3.2	153	4.7					
Q012346		1.3	2	0.1	0.6	955	0.7					
Q012347		8.6	36	0.3	11.6	28	1.0					
Q012348		4.1	11	<0.1	3.4	10	<0.5					
Q012349		5.9	12	0.1	6.8	12	1.0					
Q012350		3.9	11	0.2	9.2	64	2.5					
Q012601		2.6	5	0.1	2.1	55	2.1					
Q012602		2.2	6	0.1	2.0	47	1.6					

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ALS Minerals

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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012603		0.55	<0.01	0.46	0.44	84	60	0.68	0.01	34.7	1.47	4.62	1.3	<1	0.21	4.9
Q012604		0.15	<0.01	0.10	0.18	10	40	0.31	0.01	22.1	0.22	1.75	0.4	<1	0.10	8.3
Q012605		0.14	<0.01	8.25	0.05	2930	10	0.10	<0.01	24.7	149.5	1.86	0.3	<1	<0.05	11.1
Q012606		0.18	<0.01	11.80	0.04	4420	10	0.07	0.01	27.3	173.0	5.01	0.3	<1	<0.05	16.0
Q012607		0.20	<0.01	0.13	0.71	57	110	0.41	0.03	21.2	1.15	6.98	1.7	4	0.42	4.9
Q012608		0.12	<0.01	0.30	2.88	94	470	1.20	0.10	11.95	0.99	31.2	5.6	31	1.79	13.4
Q012609		0.17	<0.01	0.14	0.60	62	90	0.46	0.02	20.8	1.37	6.15	1.4	2	0.40	5.0
Q012610		0.09	<0.01	0.26	2.39	99	380	1.04	0.09	15.45	1.40	24.6	4.7	25	1.53	9.8
Q012611		0.30	<0.01	0.05	0.11	67	60	0.44	0.03	23.2	0.17	2.68	0.7	<1	0.11	7.6
Q012612		0.19	0.01	0.07	0.09	104	70	0.44	0.02	33.9	4.01	3.13	1.0	<1	0.09	7.5
Q012613		0.14	0.01	1.62	2.51	95.6	4190	0.75	0.13	1.24	0.59	40.9	2.2	54	6.31	9.9
Q012614		0.30	<0.01	0.16	0.25	124	40	0.53	0.08	33.5	0.47	5.04	1.2	<1	0.56	3.3
Q012615		0.50	<0.01	0.10	0.29	57	30	0.59	0.02	34.1	0.24	6.91	1.5	<1	0.49	3.3
Q012616		0.43	<0.01	0.24	0.25	260	30	0.60	0.02	33.8	0.68	5.36	1.9	<1	0.45	3.3
Q012617		0.24	<0.01	0.14	0.40	68	60	0.37	0.03	27.1	0.79	6.59	1.5	<1	0.80	2.5
Q012618		0.07	<0.01	1.02	0.55	126	80	1.09	0.03	21.8	1.08	9.61	1.4	<1	0.63	4.5
Q012619		0.14	<0.01	0.75	0.22	116	30	0.63	0.01	33.9	5.70	4.71	1.9	<1	0.28	3.3
Q012620		0.27	<0.01	0.06	0.09	41	20	0.16	0.01	23.8	0.20	1.68	1.1	<1	0.10	2.2
Q012621		0.30	0.01	0.18	0.08	58	150	0.21	<0.01	35.5	1.13	1.38	1.0	<1	0.06	2.1
Q012622		0.40	<0.01	0.14	0.19	53	50	0.18	0.01	33.2	0.53	3.42	0.7	<1	0.35	1.9
Q012623		0.32	<0.01	0.26	0.09	183	40	0.32	0.01	28.9	4.08	2.01	2.6	<1	0.13	2.7
Q012624		0.31	<0.01	0.25	0.11	149	50	0.26	0.01	24.7	3.69	1.31	1.9	<1	0.11	2.4
Q012625		0.09	<0.01	0.23	0.10	206	50	0.32	0.01	27.1	6.32	1.90	5.0	<1	0.13	4.3
Q012626		0.25	<0.01	0.20	0.21	149	150	0.64	0.01	34.9	1.49	3.53	0.7	<1	0.21	2.5
Q012627		0.22	<0.01	0.31	0.17	136	30	0.19	0.01	25.0	3.50	2.88	1.7	<1	0.21	11.8
Q012628		0.10	<0.01	0.03	0.04	39	10	0.07	0.01	21.8	0.35	0.62	0.6	<1	<0.05	2.1
Q012629		0.19	<0.01	0.07	0.08	42	20	0.10	<0.01	24.8	0.61	1.61	0.6	<1	0.08	2.3
Q012630		0.24	<0.01	0.35	0.37	1280	60	0.64	0.01	26.9	7.50	8.98	16.2	<1	0.35	7.3
Q012631		0.16	<0.01	0.39	0.37	955	40	0.57	0.02	30.1	12.05	9.71	12.3	<1	0.46	5.0
Q013351		0.53	<0.01	0.01	0.03	59	10	0.17	<0.01	34.4	0.24	3.78	0.7	<1	0.09	1.4
Q013352		0.31	<0.01	0.01	0.04	46	20	0.16	<0.01	34.5	0.47	3.71	0.6	<1	0.07	1.5
Q013353		1.19	<0.01	0.11	0.05	9420	2730	1.20	<0.01	34.3	1.51	4.21	0.6	<1	0.09	5.9
Q013354		0.44	<0.01	0.12	0.32	110	60	0.53	0.02	33.0	0.87	12.10	1.3	2	0.38	10.5
Q013355		0.20	<0.01	0.03	0.04	154	120	0.11	<0.01	35.8	1.04	4.77	0.4	<1	0.07	3.1
Q013356		0.33	<0.01	0.03	0.03	132	80	0.18	<0.01	33.0	0.44	3.06	0.6	<1	0.07	3.2
Q013357		0.45	<0.01	0.01	<0.01	156	20	0.11	<0.01	33.7	0.16	2.02	0.4	<1	<0.05	1.5
Q013358		0.12	<0.01	0.17	0.20	29	60	0.29	0.02	29.7	2.65	10.65	1.3	6	0.17	13.2
Q013359		0.24	<0.01	0.37	0.25	38	60	0.46	0.01	34.1	3.04	11.35	0.7	12	0.42	12.2
Q013360		0.17	<0.01	0.04	0.22	34	30	0.48	0.01	34.5	0.57	5.95	1.0	<1	0.34	4.7
Q013361		0.17	<0.01	0.07	0.53	82	50	0.36	0.01	29.9	0.75	7.70	1.3	3	1.17	5.1

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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012603		0.20	1.12	0.17	0.2	3.04	0.007	0.18	2.2	1.5	0.47	364	0.22	<0.01	0.6	2.1
Q012604		0.08	0.47	0.30	<0.1	0.09	<0.005	0.07	0.8	1.3	11.05	129	0.15	0.01	0.2	1.2
Q012605		0.10	0.43	0.32	<0.1	21.2	0.010	0.01	1.0	0.7	8.18	624	0.10	0.01	0.1	0.9
Q012606		0.09	0.36	0.25	<0.1	28.6	0.013	0.01	2.9	0.6	5.95	709	0.09	0.01	<0.1	0.9
Q012607		0.51	1.69	0.16	0.3	0.24	0.006	0.21	3.6	5.4	10.05	193	0.21	0.08	1.1	5.2
Q012608		1.52	6.37	0.14	1.2	0.31	0.025	0.74	14.4	16.0	6.92	349	0.42	0.40	5.4	20.9
Q012609		0.38	1.41	0.13	0.2	0.24	0.005	0.21	3.0	3.8	10.50	132	0.31	0.06	1.0	4.7
Q012610		1.29	5.18	0.15	0.8	0.38	0.017	0.66	11.3	12.1	8.32	268	0.42	0.31	4.2	17.4
Q012611		0.29	0.36	0.08	<0.1	0.14	<0.005	0.04	1.3	1.4	10.35	1020	0.39	0.02	0.1	4.5
Q012612		0.18	0.20	0.07	<0.1	0.45	<0.005	0.02	4.4	0.7	0.24	197	1.36	<0.01	0.1	4.4
Q012613		1.05	7.83	0.18	1.9	6.00	0.012	0.98	24.3	7.6	0.33	83	7.51	0.01	15.4	13.1
Q012614		0.26	0.80	0.10	0.1	0.78	<0.005	0.10	3.3	1.4	0.14	408	0.86	<0.01	0.6	2.6
Q012615		0.17	0.90	0.11	0.2	0.22	<0.005	0.13	3.7	1.6	0.29	388	0.62	<0.01	0.7	2.2
Q012616		0.44	0.76	0.07	0.2	1.32	<0.005	0.10	3.4	1.4	0.14	418	1.31	<0.01	0.6	6.0
Q012617		0.19	1.34	0.16	0.1	1.99	<0.005	0.20	3.3	2.3	6.26	76	0.29	0.01	0.7	5.0
Q012618		0.53	1.59	0.14	0.3	1.07	<0.005	0.27	5.0	3.5	10.55	97	0.71	0.02	1.2	10.6
Q012619		0.23	0.71	0.13	0.1	0.96	<0.005	0.07	2.1	0.9	2.60	561	0.66	<0.01	0.2	18.2
Q012620		0.11	0.32	0.21	0.1	0.18	<0.005	0.03	1.0	0.8	10.95	126	0.44	0.01	0.2	10.2
Q012621		0.11	0.24	0.19	<0.1	0.82	<0.005	0.02	0.7	0.7	1.86	800	0.26	<0.01	0.1	4.9
Q012622		0.09	0.63	0.19	0.1	0.60	<0.005	0.09	1.3	1.0	3.26	128	0.18	0.01	0.2	1.5
Q012623		0.53	0.36	0.15	<0.1	2.75	<0.005	0.03	1.0	0.7	6.87	320	1.82	<0.01	0.1	17.4
Q012624		0.46	0.37	0.16	<0.1	9.62	<0.005	0.03	0.7	1.0	9.09	240	1.58	0.01	0.1	14.7
Q012625		0.78	0.33	0.13	<0.1	2.62	<0.005	0.03	1.0	0.8	6.65	356	2.71	<0.01	0.1	29.4
Q012626		0.11	0.66	0.11	0.1	10.40	<0.005	0.08	1.9	1.0	0.33	502	0.25	<0.01	0.3	2.3
Q012627		0.31	0.57	0.13	0.1	0.65	<0.005	0.06	1.4	1.1	8.66	196	0.73	0.01	0.3	12.8
Q012628		0.10	0.19	0.22	<0.1	0.30	<0.005	0.01	<0.5	0.6	11.00	54	0.40	0.01	0.1	4.1
Q012629		0.09	0.31	0.22	<0.1	0.18	<0.005	0.03	1.3	0.6	9.02	55	0.33	0.01	0.2	3.0
Q012630		4.05	1.01	0.06	0.2	1.34	<0.005	0.11	4.5	1.5	5.36	734	8.98	0.01	0.6	165.0
Q012631		2.63	1.11	0.05	0.2	2.52	<0.005	0.14	4.5	1.5	2.74	778	5.78	0.01	0.7	110.5
Q013351		0.20	0.12	0.06	<0.1	0.85	<0.005	0.01	4.7	0.3	0.11	416	1.80	<0.01	0.1	5.2
Q013352		0.15	0.14	0.08	<0.1	0.57	<0.005	0.01	4.9	0.4	0.10	197	1.55	<0.01	0.1	3.9
Q013353		0.11	0.39	0.10	<0.1	1.93	<0.005	0.02	5.5	1.0	0.14	117	5.54	0.01	0.2	10.4
Q013354		0.34	0.94	0.08	0.2	2.09	<0.005	0.13	12.9	1.7	0.14	287	14.50	<0.01	0.8	24.2
Q013355		0.59	0.17	0.06	<0.1	0.37	<0.005	0.02	6.5	0.3	0.10	592	0.66	<0.01	0.1	2.7
Q013356		0.37	0.18	0.06	<0.1	1.18	<0.005	0.01	4.8	0.4	0.09	383	2.22	<0.01	0.1	7.3
Q013357		0.56	0.06	0.06	<0.1	2.30	<0.005	<0.01	2.7	0.2	0.07	508	1.08	<0.01	<0.1	3.0
Q013358		0.29	0.70	0.08	0.1	0.58	<0.005	0.06	19.0	1.2	0.09	346	4.63	<0.01	0.4	30.4
Q013359		0.17	0.81	0.10	0.2	0.63	<0.005	0.08	15.1	1.3	0.15	335	1.38	<0.01	0.5	13.8
Q013360		0.18	0.72	0.09	0.1	0.49	<0.005	0.10	6.4	1.0	0.13	288	6.26	<0.01	0.6	9.6
Q013361		0.34	1.67	0.08	0.2	0.94	<0.005	0.25	8.1	2.4	2.76	179	7.36	0.01	0.8	14.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012603		110	14.6	6.4	<0.002	0.05	0.57	1.0	<1	0.2	21.2	<0.05	<0.05	0.6	0.020	0.81
Q012604		150	37.5	2.7	<0.002	<0.01	0.10	0.3	<1	<0.2	128.5	<0.05	<0.05	0.2	0.006	0.05
Q012605		60	13.7	0.6	<0.002	0.40	0.99	0.1	1	0.2	172.0	<0.05	<0.05	<0.2	<0.005	0.09
Q012606		60	908	0.5	<0.002	0.53	3.35	0.2	2	<0.2	243	<0.05	<0.05	<0.2	<0.005	0.34
Q012607		190	11.4	9.4	<0.002	<0.01	0.38	1.3	<1	0.2	333	0.07	<0.05	1.1	0.042	0.13
Q012608		600	32.6	37.1	<0.002	0.01	1.11	4.9	1	0.9	135.5	0.36	<0.05	4.5	0.169	0.77
Q012609		170	13.7	8.6	<0.002	0.01	0.51	1.0	<1	0.2	154.5	0.06	<0.05	0.9	0.033	0.14
Q012610		620	22.6	30.5	<0.002	0.01	1.24	4.1	1	0.7	147.0	0.29	<0.05	3.6	0.139	0.61
Q012611		40	4.5	2.0	<0.002	<0.01	0.13	0.3	<1	<0.2	130.5	<0.05	<0.05	0.2	<0.005	0.22
Q012612		350	4.6	0.8	<0.002	<0.01	0.33	0.5	1	<0.2	171.0	<0.05	<0.05	<0.2	<0.005	0.07
Q012613		1220	16.8	48.6	0.009	0.23	5.56	11.2	19	1.0	267	0.97	0.25	7.2	0.207	1.88
Q012614		70	15.7	4.4	<0.002	<0.01	1.03	2.8	1	<0.2	23.6	<0.05	<0.05	0.6	0.015	0.46
Q012615		90	4.6	5.5	<0.002	<0.01	0.40	1.8	1	<0.2	18.3	0.05	<0.05	0.7	0.019	0.30
Q012616		70	27.6	4.4	<0.002	<0.01	1.86	2.9	1	<0.2	25.7	<0.05	<0.05	0.6	0.015	0.47
Q012617		70	9.7	8.2	<0.002	<0.01	0.24	1.0	1	<0.2	172.5	0.05	<0.05	0.7	0.017	0.22
Q012618		170	110.5	10.8	<0.002	0.10	0.84	1.2	1	0.2	175.5	0.08	<0.05	1.2	0.035	0.26
Q012619		40	50.3	2.9	<0.002	<0.01	0.53	2.0	1	<0.2	29.9	<0.05	<0.05	0.3	0.005	0.53
Q012620		40	3.6	1.4	<0.002	<0.01	0.31	0.3	1	<0.2	78.1	<0.05	<0.05	0.2	0.006	0.12
Q012621		120	5.3	0.7	<0.002	<0.01	0.22	2.1	1	<0.2	81.9	<0.05	<0.05	<0.2	<0.005	0.37
Q012622		40	10.7	3.5	<0.002	<0.01	0.24	0.6	1	<0.2	182.0	<0.05	<0.05	0.3	0.007	0.17
Q012623		80	31.4	1.4	<0.002	<0.01	1.42	0.5	1	<0.2	34.3	<0.05	<0.05	0.2	<0.005	0.16
Q012624		50	21.4	1.3	<0.002	<0.01	1.20	1.0	1	<0.2	41.9	<0.05	<0.05	<0.2	<0.005	0.11
Q012625		90	34.4	1.4	<0.002	<0.01	1.78	0.7	<1	<0.2	30.5	<0.05	<0.05	0.2	<0.005	0.16
Q012626		120	19.1	3.3	<0.002	<0.01	0.22	1.9	1	<0.2	38.0	<0.05	<0.05	0.3	0.010	0.42
Q012627		90	23.8	3.0	<0.002	<0.01	0.92	0.6	1	<0.2	116.5	<0.05	<0.05	0.3	0.008	0.37
Q012628		60	4.3	0.6	<0.002	<0.01	0.18	0.1	<1	<0.2	93.1	<0.05	<0.05	<0.2	<0.005	0.05
Q012629		60	5.7	1.3	<0.002	<0.01	0.13	0.2	<1	<0.2	134.0	<0.05	<0.05	0.2	0.005	0.06
Q012630		630	36.2	5.0	<0.002	<0.01	7.84	1.1	1	<0.2	129.0	<0.05	<0.05	0.9	0.018	1.41
Q012631		680	62.9	6.1	<0.002	<0.01	9.26	1.3	1	<0.2	108.0	0.05	<0.05	0.8	0.019	1.55
Q013351		50	0.9	0.4	<0.002	<0.01	0.68	1.3	1	<0.2	48.6	<0.05	<0.05	<0.2	<0.005	0.17
Q013352		50	12.7	0.4	<0.002	<0.01	0.65	1.3	1	<0.2	331	<0.05	<0.05	<0.2	<0.005	0.11
Q013353		300	28.5	1.0	0.019	0.54	5.33	0.5	2	<0.2	188.0	<0.05	<0.05	<0.2	<0.005	0.35
Q013354		590	6.6	5.8	0.028	0.04	2.15	1.3	3	0.2	49.5	0.05	<0.05	0.8	0.020	1.47
Q013355		50	1.0	0.8	0.006	0.02	0.51	2.1	1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	0.11
Q013356		130	0.5	0.6	0.009	0.03	1.91	1.5	3	<0.2	81.3	<0.05	<0.05	<0.2	<0.005	0.24
Q013357		20	0.7	0.1	<0.002	0.06	3.68	0.9	3	<0.2	24.1	<0.05	<0.05	<0.2	<0.005	0.22
Q013358		1450	1.5	2.9	0.009	0.04	1.72	1.9	2	<0.2	53.0	<0.05	<0.05	0.4	0.010	0.25
Q013359		240	1.6	3.8	0.027	0.05	2.06	1.7	2	<0.2	79.6	<0.05	<0.05	0.5	0.014	0.27
Q013360		180	1.6	4.1	0.002	<0.01	0.67	0.9	1	<0.2	41.8	<0.05	<0.05	0.5	0.015	0.43
Q013361		220	2.2	12.1	0.007	<0.01	1.70	2.0	1	0.7	79.2	0.05	<0.05	0.7	0.021	0.57

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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q012603		3.3	11	0.5	6.1	221	5.6					
Q012604		1.5	7	0.1	0.9	19	1.6					
Q012605		2.0	4	0.1	1.1	>10000	0.6			1.575		
Q012606		1.8	4	0.1	1.6	>10000	0.8			2.03		
Q012607		2.2	17	0.4	2.4	158	8.1					
Q012608		2.3	64	0.8	9.0	320	33.2					
Q012609		2.1	19	0.4	2.1	142	7.9					
Q012610		2.3	50	0.9	6.9	365	25.0					
Q012611		1.0	3	0.3	1.3	60	2.7					
Q012612		4.5	15	0.3	11.1	104	1.3					
Q012613		4.1	283	1.9	18.8	42	80.3					
Q012614		6.7	20	0.5	11.5	82	6.9					
Q012615		5.9	15	0.6	9.9	42	7.1					
Q012616		7.3	22	0.5	12.6	123	7.6					
Q012617		2.7	6	0.6	2.6	85	4.3					
Q012618		1.9	10	0.8	3.4	208	10.6					
Q012619		6.3	9	0.4	8.6	236	3.2					
Q012620		2.2	5	0.2	2.0	55	2.1					
Q012621		1.7	4	0.2	4.3	76	2.7					
Q012622		1.3	5	0.2	3.3	28	2.2					
Q012623		1.5	5	0.2	3.2	244	1.7					
Q012624		1.4	10	0.2	3.3	178	1.6					
Q012625		1.5	8	0.2	4.2	373	1.9					
Q012626		5.6	12	0.4	7.0	38	3.7					
Q012627		1.5	6	0.2	2.0	304	2.6					
Q012628		0.8	2	0.1	0.5	36	1.8					
Q012629		1.2	3	0.1	1.6	45	1.7					
Q012630		3.7	16	1.0	5.9	1600	10.0					
Q012631		4.0	15	0.9	6.9	1320	8.5					
Q013351		3.6	43	<0.1	11.2	27	2.2					
Q013352		2.7	36	0.1	8.3	46	1.9					
Q013353		4.2	44	0.5	8.7	234	2.5					
Q013354		9.3	100	0.3	12.9	84	10.3					
Q013355		10.8	83	<0.1	19.4	33	1.6					
Q013356		8.3	106	0.1	17.0	55	3.0					
Q013357		7.6	49	<0.1	13.9	27	0.9					
Q013358		10.7	303	0.1	29.9	141	6.7					
Q013359		5.1	162	0.1	23.8	92	9.4					
Q013360		4.6	68	0.2	8.4	38	7.0					
Q013361		8.1	77	0.2	11.0	84	7.6					

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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013362		0.16	<0.01	0.03	0.25	59	60	0.28	0.01	32.5	0.39	9.45	1.5	<1	0.40	3.6
Q013363		0.32	<0.01	0.03	0.14	37	40	0.22	0.01	35.7	0.43	6.07	0.7	<1	0.37	3.2
Q013364		0.20	<0.01	0.04	0.12	62	30	0.31	<0.01	35.3	0.69	8.93	0.7	<1	0.52	4.5
Q013365		0.20	<0.01	0.22	0.47	254	60	0.23	0.03	31.6	2.48	16.40	1.7	10	0.58	22.1
Q013366		0.20	<0.01	0.03	0.15	14	20	0.10	0.01	39.2	0.53	3.53	1.1	5	0.31	6.4
Q013367		0.46	<0.01	0.06	0.47	197	50	0.16	0.02	36.6	0.88	10.90	2.1	12	0.54	13.9
Q013368		0.31	<0.01	0.05	0.03	50	10	0.07	0.01	39.4	0.50	3.47	0.8	4	0.06	3.6
Q013369		0.29	<0.01	0.14	0.12	573	30	0.09	0.01	38.8	0.69	8.93	1.3	8	0.27	9.0
Q013370		0.36	0.02	0.57	0.99	498	150	0.49	0.05	34.1	2.07	34.5	3.8	28	1.95	26.0
Q013371		0.27	0.02	0.61	1.03	1180	180	0.61	0.05	34.8	2.57	36.6	4.0	29	2.03	28.1
Q013372		0.14	0.04	0.90	1.46	1720	260	0.60	0.07	33.3	3.75	49.2	5.2	40	2.92	36.7
Q013373		0.25	0.03	0.83	1.20	1450	220	0.58	0.06	33.8	3.50	44.4	4.5	34	2.46	31.8
Q013374		0.28	0.02	0.35	0.35	56	40	0.17	0.02	38.9	0.69	16.20	1.3	15	0.80	12.2
Q013375		0.19	0.01	0.20	0.20	35	30	0.51	0.01	38.3	0.52	8.84	1.2	8	0.46	6.7
Q013376		1.00	0.01	0.21	0.18	148	30	0.31	0.01	39.5	0.60	10.80	1.1	9	0.39	8.8
Q013377		0.40	0.01	0.14	0.07	162	30	0.48	0.01	40.2	0.93	6.09	1.0	5	0.24	4.9
Q013378		0.59	0.01	0.13	0.07	634	30	0.16	0.01	38.8	1.31	7.31	1.3	5	0.16	6.5
Q013379		0.40	0.01	0.16	0.14	914	60	0.09	0.01	38.1	1.27	9.73	1.6	8	0.31	9.2
Q013380		0.85	0.01	0.13	0.11	767	40	0.09	0.01	39.3	1.05	9.85	1.3	8	0.23	8.7
Q013381		0.25	0.02	0.37	0.22	1320	90	0.16	0.03	38.2	2.90	15.15	2.0	12	0.67	13.8
Q013382		<0.02	0.02	0.78	1.08	1680	180	0.63	0.06	36.6	2.78	38.9	3.6	32	2.34	32.0
Q013383		0.49	0.01	0.28	0.15	652	60	0.23	0.02	38.0	1.84	12.30	1.4	9	0.42	10.8
Q013384		0.17	0.01	0.25	0.22	474	50	0.23	0.01	39.1	1.19	12.60	1.3	10	0.51	10.7
Q013385		0.44	0.01	0.16	0.10	461	30	0.31	0.01	38.8	1.19	9.31	1.2	7	0.26	7.1
Q013386		0.10	<0.01	0.26	1.66	161	200	0.63	0.06	30.7	1.20	30.7	4.5	33	3.25	22.9
Q013387		0.28	<0.01	<0.01	0.02	57	10	0.13	<0.01	39.9	0.19	2.76	1.0	2	0.05	2.4
Q013388		0.15	<0.01	0.03	0.07	264	10	0.13	0.01	40.5	0.64	6.15	1.3	6	0.12	4.5
Q013389		0.25	<0.01	0.03	0.11	40	20	0.32	0.01	38.1	0.64	4.14	1.0	4	0.19	3.8
Q013390		0.21	0.01	0.40	1.47	574	170	0.62	0.04	34.6	4.11	22.5	4.3	31	2.80	18.8
Q013391		0.16	0.03	1.38	2.66	3480	870	0.98	0.07	26.9	23.3	50.1	12.1	64	4.65	51.8
Q013392		0.07	0.03	0.62	1.59	589	240	0.82	0.06	35.4	2.68	44.7	3.5	35	2.42	20.3
Q013393		0.11	<0.01	0.11	0.90	58	100	0.43	0.04	34.6	1.54	22.5	4.5	23	3.01	16.0
Q013394		0.13	<0.01	0.03	0.37	7	40	0.55	0.01	34.9	0.80	4.48	1.3	8	0.63	3.4
Q013395		0.24	<0.01	<0.01	0.06	<5	20	0.12	<0.01	36.5	0.17	1.97	1.1	3	0.10	2.2
Q013396		0.25	<0.01	0.22	0.85	365	130	0.56	0.03	26.9	1.45	12.35	15.7	26	1.56	29.7
Q013397		0.12	<0.01	0.44	2.97	1185	150	1.46	0.13	1.10	2.7	22.3	43.6	44	5.13	68.6
Q013398		0.22	<0.01	0.11	0.17	37	70	0.09	0.01	36.1	0.53	5.88	3.9	6	0.30	7.4
Q013399		0.18	<0.01	0.34	0.14	203	60	0.12	0.01	34.2	0.97	6.80	10.7	8	0.25	21.8
Q013400		0.30	<0.01	0.27	0.10	271	60	0.12	0.01	34.1	1.08	6.49	11.7	8	0.16	21.1
Q013451		0.06	0.01	0.68	0.67	1340	90	0.58	0.06	2.98	3.5	8.37	45.0	21	1.37	135.5

***** See Appendix Page for comments regarding this certificate *****

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Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q013362		0.54	0.71	0.06	0.1	1.32	<0.005	0.08	10.4	1.3	0.61	369	6.27	<0.01	0.5	13.8
Q013363		0.12	0.58	0.08	0.1	0.40	<0.005	0.06	7.0	0.7	0.20	239	5.30	<0.01	0.3	7.0
Q013364		0.22	0.35	0.09	0.1	2.57	<0.005	0.03	10.0	0.9	0.11	244	4.35	<0.01	0.3	11.7
Q013365		0.68	1.67	0.09	0.3	4.19	<0.005	0.20	18.4	2.5	1.22	131	27.0	0.01	1.3	49.6
Q013366		0.10	0.58	0.06	0.1	0.31	<0.005	0.06	4.1	0.7	0.74	129	2.86	<0.01	0.7	11.6
Q013367		0.58	1.38	0.09	0.3	3.52	0.006	0.20	10.5	1.7	2.31	177	21.9	0.01	1.6	41.2
Q013368		0.08	0.29	0.08	<0.1	>100	0.009	0.01	4.5	<0.2	0.08	461	2.59	<0.01	0.6	5.6
Q013369		0.10	0.75	0.11	0.1	32.6	<0.005	0.05	11.3	0.5	0.09	543	0.71	<0.01	0.8	3.4
Q013370		0.77	3.29	0.17	0.6	>100	0.066	0.42	37.9	3.7	0.60	377	18.95	0.04	3.0	50.8
Q013371		0.93	3.37	0.16	0.6	>100	0.080	0.43	41.0	4.0	0.57	418	19.80	0.03	3.0	56.3
Q013372		1.37	4.65	0.20	0.8	>100	0.132	0.61	55.5	5.3	0.61	413	25.3	0.04	4.0	79.4
Q013373		1.11	4.03	0.20	0.7	>100	0.128	0.50	50.2	4.5	0.56	426	21.5	0.03	3.3	65.8
Q013374		0.12	1.46	0.12	0.2	>100	0.075	0.15	20.4	1.4	0.14	383	1.90	<0.01	1.1	9.6
Q013375		0.09	0.82	0.10	0.1	>100	0.069	0.09	10.9	1.3	0.12	332	1.29	<0.01	0.8	7.5
Q013376		0.08	0.96	0.18	0.1	>100	0.032	0.08	13.6	0.8	0.12	392	0.88	<0.01	0.9	5.5
Q013377		0.05	0.54	0.16	0.1	>100	0.045	0.03	7.5	0.3	0.10	442	0.59	<0.01	0.6	3.6
Q013378		0.08	0.61	0.18	0.1	>100	0.058	0.03	9.2	0.3	0.09	510	0.92	<0.01	0.7	14.8
Q013379		0.11	0.78	0.12	0.1	>100	0.024	0.06	12.4	0.7	0.11	416	1.69	<0.01	0.7	18.1
Q013380		0.09	0.73	0.17	0.1	>100	0.029	0.05	12.5	0.5	0.09	486	1.30	<0.01	0.7	16.2
Q013381		0.18	1.13	0.17	0.1	>100	0.104	0.10	18.6	1.0	0.12	430	1.96	<0.01	1.0	26.0
Q013382		0.66	3.60	0.19	0.6	>100	0.113	0.48	46.2	4.6	0.30	649	10.15	0.02	2.8	45.6
Q013383		0.13	0.92	0.15	0.1	>100	0.071	0.06	15.3	0.7	0.11	770	1.27	<0.01	0.9	9.6
Q013384		0.11	1.07	0.16	0.1	>100	0.046	0.10	16.0	1.0	0.11	795	1.49	<0.01	0.9	11.9
Q013385		0.07	0.73	0.17	0.1	>100	0.044	0.04	11.8	0.5	0.10	670	0.91	<0.01	0.7	11.5
Q013386		1.22	4.51	0.14	0.8	20.3	0.017	0.72	28.6	7.9	2.07	239	31.1	0.06	4.0	92.0
Q013387		0.13	0.27	0.12	<0.1	9.54	<0.005	0.01	3.9	0.2	0.26	442	1.25	<0.01	0.5	11.3
Q013388		0.45	0.41	0.11	0.1	10.90	<0.005	0.03	8.4	0.3	0.24	456	3.91	<0.01	0.6	31.9
Q013389		0.17	0.47	0.11	0.1	3.62	<0.005	0.04	4.8	0.5	0.12	459	1.21	<0.01	0.7	13.5
Q013390		1.91	3.94	0.17	0.6	15.0	0.013	0.69	23.3	6.4	0.49	404	17.05	0.01	3.1	96.5
Q013391		9.03	6.71	0.39	1.1	66.5	0.023	1.15	58.4	9.9	0.63	383	66.6	0.02	4.8	474
Q013392		1.55	4.37	0.18	0.7	27.9	0.014	0.59	52.2	6.7	0.22	344	54.3	0.01	3.3	89.9
Q013393		0.51	2.32	0.13	0.4	1.47	0.007	0.37	22.4	5.1	0.36	108	36.1	0.01	2.3	113.0
Q013394		0.24	1.04	0.12	0.2	0.71	<0.005	0.17	3.8	1.5	0.25	223	1.62	0.01	1.5	9.1
Q013395		0.08	0.34	0.17	<0.1	0.80	<0.005	0.03	2.4	0.3	2.25	121	0.91	<0.01	0.6	6.1
Q013396		12.35	2.55	0.39	0.4	0.87	0.008	0.38	11.5	3.3	0.34	79	96.1	0.01	2.7	551
Q013397		44.2	8.16	2.27	1.4	3.78	0.019	1.32	14.2	14.7	0.39	84	419	0.02	6.4	1675
Q013398		1.07	0.59	0.09	0.1	0.64	<0.005	0.07	7.3	0.8	1.38	72	17.20	0.01	0.8	82.2
Q013399		5.32	0.56	0.23	0.1	1.39	<0.005	0.06	8.1	0.7	1.23	121	45.7	0.01	0.9	278
Q013400		6.35	0.52	0.22	0.1	1.74	<0.005	0.04	7.7	0.5	0.73	149	63.7	<0.01	0.8	364
Q013451		49.1	3.51	2.86	0.4	4.88	0.008	0.30	9.2	2.3	0.16	73	786	0.01	2.3	1810

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013362		220	1.3	3.5	0.010	0.02	1.21	2.0	1	<0.2	103.0	<0.05	<0.05	0.4	0.012	0.41
Q013363		300	1.4	2.9	0.017	<0.01	0.60	1.2	1	<0.2	100.5	<0.05	<0.05	0.3	0.009	0.12
Q013364		330	1.6	1.5	0.002	<0.01	1.03	1.9	1	<0.2	67.5	<0.05	<0.05	0.3	0.007	0.23
Q013365		790	4.5	8.8	0.019	0.07	3.29	1.2	2	0.2	80.0	0.08	0.05	1.0	0.028	2.38
Q013366		290	1.2	2.9	0.002	0.01	0.60	0.7	1	<0.2	87.2	<0.05	<0.05	0.2	0.008	0.54
Q013367		950	3.5	8.5	0.021	0.08	2.24	1.0	3	0.2	64.8	0.06	0.05	0.9	0.028	2.54
Q013368		100	1.6	0.5	0.002	<0.01	7.44	1.3	2	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	3.13
Q013369		540	2.0	2.5	0.002	0.01	0.73	1.0	2	<0.2	73.1	<0.05	<0.05	0.3	0.007	1.56
Q013370		1620	10.7	19.4	0.002	0.05	63.1	2.9	6	0.6	158.5	0.17	0.09	2.0	0.061	12.40
Q013371		1720	12.6	19.8	0.002	0.05	85.8	3.1	6	0.6	170.5	0.17	0.10	2.0	0.062	14.50
Q013372		2440	19.2	27.8	0.002	0.08	341	3.9	9	0.9	194.5	0.24	0.13	2.8	0.086	37.1
Q013373		2190	17.7	23.3	0.003	0.08	419	3.5	9	0.8	186.0	0.19	0.15	2.3	0.071	31.7
Q013374		1070	4.3	7.0	0.002	0.03	10.85	1.3	4	0.3	79.9	0.05	0.11	0.6	0.017	8.85
Q013375		510	2.2	3.8	0.002	0.01	5.76	0.9	3	0.2	81.4	<0.05	0.05	0.4	0.010	7.83
Q013376		640	3.6	3.5	0.002	0.02	8.55	0.9	3	0.2	81.6	<0.05	0.05	0.3	0.009	5.88
Q013377		360	4.3	1.4	0.002	0.02	42.4	0.7	4	<0.2	104.0	<0.05	0.05	<0.2	<0.005	254
Q013378		340	4.9	1.4	0.002	0.02	135.5	1.0	3	<0.2	64.0	<0.05	0.06	0.2	<0.005	121.5
Q013379		650	4.5	2.7	0.003	0.04	47.1	1.1	3	<0.2	74.3	<0.05	0.05	0.3	0.007	158.5
Q013380		630	4.0	2.1	0.003	0.02	72.8	1.2	3	<0.2	69.1	<0.05	0.06	0.2	0.006	105.5
Q013381		800	11.0	4.3	0.003	0.04	197.5	1.2	8	0.3	77.0	<0.05	0.15	0.4	0.011	580
Q013382		1940	19.1	21.6	0.003	0.07	158.0	3.0	6	0.6	135.0	0.15	0.12	1.9	0.061	209
Q013383		720	7.8	2.9	0.003	0.03	87.7	1.1	4	0.2	78.5	<0.05	0.11	0.3	0.008	710
Q013384		650	5.0	4.3	0.002	0.03	42.7	1.3	4	0.2	78.7	<0.05	0.05	0.4	0.011	730
Q013385		420	5.2	1.8	0.002	0.02	64.0	1.2	4	<0.2	76.2	<0.05	0.06	0.2	0.005	231
Q013386		1300	11.0	33.4	0.002	0.04	7.88	3.8	3	0.6	178.5	0.23	0.06	3.0	0.099	10.70
Q013387		60	0.7	0.4	<0.002	0.01	1.95	1.6	2	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	2.37
Q013388		290	1.7	1.2	0.004	0.04	5.16	2.1	3	<0.2	33.8	<0.05	<0.05	0.2	<0.005	1.00
Q013389		300	17.5	2.0	0.002	0.01	2.63	1.4	1	<0.2	35.3	<0.05	<0.05	0.2	0.005	0.62
Q013390		1110	103.5	31.8	0.003	0.04	22.7	3.5	7	0.5	92.9	0.17	0.07	2.0	0.072	2.10
Q013391		3400	272	51.1	0.004	0.07	97.6	5.4	18	0.8	502	0.29	0.10	3.5	0.122	4.26
Q013392		4850	65.8	26.6	0.025	0.09	19.70	3.2	8	0.6	94.8	0.19	0.06	2.7	0.080	4.64
Q013393		1360	6.3	17.8	0.004	0.02	7.50	2.1	2	0.3	117.0	0.12	0.05	1.5	0.050	1.01
Q013394		180	1.4	7.3	<0.002	0.01	0.68	1.1	2	<0.2	38.2	0.07	<0.05	0.5	0.025	0.27
Q013395		460	0.7	1.1	0.002	0.01	0.28	0.4	1	<0.2	109.5	<0.05	<0.05	<0.2	<0.005	0.16
Q013396		270	9.7	16.8	0.003	0.02	15.10	2.1	5	0.3	146.5	0.13	0.09	1.6	0.050	1.56
Q013397		460	23.9	61.6	0.002	0.10	57.1	5.1	15	0.8	14.7	0.36	0.15	4.4	0.154	5.97
Q013398		270	2.2	3.2	0.002	0.01	3.60	0.6	3	<0.2	192.0	<0.05	0.05	0.3	0.010	0.38
Q013399		300	7.0	2.7	0.002	0.02	8.83	0.6	5	<0.2	169.5	<0.05	0.12	0.3	0.008	0.72
Q013400		290	8.1	1.9	<0.002	0.02	10.80	1.5	4	<0.2	255	<0.05	0.12	0.3	0.006	0.63
Q013451		580	48.8	13.1	0.002	0.11	106.5	1.7	41	0.3	20.5	0.08	0.59	0.7	0.028	3.72

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Ag- OG62 Ag ppm 1	Pb- OG62 Pb % 0.001	Zn- OG62 Zn % 0.001	As- OG62 As % 0.001	Hg- CV42 Hg ppm 0.1
Q013362		7.1	81	0.2	16.4	32	6.9					
Q013363		6.8	66	0.1	11.7	40	5.1					
Q013364		9.1	65	0.1	12.9	67	4.4					
Q013365		16.5	139	0.3	13.3	239	13.9					
Q013366		7.3	46	0.1	5.4	66	3.8					
Q013367		13.6	71	0.3	7.1	77	12.0					
Q013368		6.0	64	0.1	13.2	35	2.7					134.0
Q013369		8.9	88	0.2	22.1	47	4.9					
Q013370		15.4	185	0.6	30.7	317	25.6					1900
Q013371		15.6	200	0.6	32.7	385	25.9					2010
Q013372		22.1	256	0.8	41.4	536	36.9					3200
Q013373		20.6	229	0.7	38.5	443	30.2					3680
Q013374		15.2	115	0.3	25.8	66	8.5					883
Q013375		8.7	60	0.2	18.1	42	5.2					544
Q013376		10.8	74	0.2	18.8	37	5.4					456
Q013377		6.1	58	0.2	15.8	29	2.9					1290
Q013378		8.3	65	0.1	18.8	96	3.6					842
Q013379		10.3	76	0.2	18.1	124	5.0					394
Q013380		9.7	81	0.2	20.6	112	4.5					637
Q013381		15.9	101	0.2	21.6	194	7.5					1940
Q013382		21.1	196	0.7	34.8	296	25.7					1860
Q013383		12.7	81	0.2	19.6	81	5.7					1400
Q013384		13.4	83	0.2	19.8	73	6.3					898
Q013385		9.9	70	0.2	17.7	78	4.2					948
Q013386		11.1	220	0.7	22.3	387	33.5					
Q013387		6.1	60	0.1	11.6	48	2.1					
Q013388		15.1	123	0.1	17.6	159	3.4					
Q013389		6.7	90	0.1	11.9	81	4.3					
Q013390		14.3	316	0.6	20.9	831	27.6					
Q013391		30.7	1260	1.6	34.1	4140	47.8					
Q013392		32.3	335	1.1	31.9	607	30.1					
Q013393		28.5	120	0.3	13.5	447	17.0					
Q013394		3.4	38	0.1	5.4	78	7.9					
Q013395		8.2	15	<0.1	3.0	58	2.1					
Q013396		7.5	354	0.6	10.4	3010	20.4					
Q013397		13.0	1060	2.3	9.9	8520	61.6					
Q013398		4.4	62	0.1	5.6	438	4.3					
Q013399		4.2	189	0.2	7.8	1520	4.4					
Q013400		3.9	275	0.2	11.8	1980	4.3					
Q013451		6.4	1140	2.1	8.4	6400	24.7					

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013763		0.24	<0.01	0.41	1.04	30	2550	0.97	0.06	11.50	84.5	8.21	5.5	17	0.57	112.0
Q013764		0.10	<0.01	0.96	1.77	33.2	2750	0.51	0.09	0.11	0.90	14.55	1.0	44	3.78	19.6
Q013765		0.04	0.02	2.17	3.58	130.0	4610	1.27	0.28	1.22	5.15	56.7	12.2	72	7.57	216
Q013766		0.17	<0.01	0.38	1.52	23.4	840	0.60	0.09	0.06	1.42	15.45	0.5	41	1.53	48.3
Q013767		0.27	<0.01	0.25	0.92	17.1	630	0.38	0.06	0.04	1.45	11.25	0.4	34	1.10	43.2
Q013768		0.13	<0.01	0.04	0.10	4.4	380	0.08	0.01	0.13	1.53	0.91	0.5	20	0.46	7.7
Q013769		0.11	<0.01	0.06	0.10	6.7	830	0.07	0.01	0.66	0.45	2.50	0.5	13	0.46	3.1
Q013770		0.18	<0.01	0.08	3.89	6.7	1530	0.77	0.21	0.03	0.19	58.9	4.1	57	4.17	13.1
Q013771		0.08	<0.01	0.28	6.12	22.8	1200	1.66	0.34	0.28	6.69	54.8	16.8	62	4.40	23.4
Q013772		0.13	<0.01	0.27	4.81	10.6	1150	1.89	0.24	3.11	26.0	66.4	16.5	44	2.53	25.3
Q013773		0.29	<0.01	0.85	2.64	39.0	1310	1.14	0.14	0.07	2.68	26.8	2.1	60	6.19	41.5
Q013774		0.13	<0.01	0.67	2.23	>10000	150	16.85	0.04	0.42	372	27.9	67.8	45	0.56	673
Q013775		0.15	<0.01	0.95	3.24	>10000	470	5.08	0.11	0.58	95.8	49.1	2.6	126	24.6	171.5
Q013776		0.16	<0.01	0.87	7.20	>10000	850	16.60	0.08	1.07	348	66.3	12.5	126	3.93	795
Q013777		0.35	<0.01	77.3	0.26	1600	50	0.31	0.05	19.00	457	2.85	1.1	3	0.52	106.5
Q013778		0.32	<0.01	13.95	0.06	1040	10	0.16	0.01	21.5	194.0	1.02	0.3	2	0.15	18.5
Q013779		0.25	<0.01	35.7	0.07	3840	20	0.16	0.01	21.8	207	1.26	0.3	2	3.16	24.3
Q013780		0.19	<0.01	20.2	0.15	820	60	0.15	0.02	19.70	278	2.33	0.8	5	0.16	77.2
Q013781		0.40	<0.01	31.2	0.11	596	20	0.16	0.02	20.3	438	2.16	0.9	2	0.14	115.0
Q013782		0.19	<0.01	11.15	0.08	799	10	0.21	<0.01	21.3	210	0.84	0.2	2	0.12	32.2
Q013783		0.10	<0.01	0.36	0.25	127	30	0.67	0.01	36.3	3.30	5.68	0.4	5	0.29	2.1
Q013784		0.41	<0.01	0.77	0.08	21	10	0.10	0.01	23.6	11.15	1.83	0.4	3	0.11	1.1
Q013785		0.26	<0.01	0.07	0.28	12	40	0.07	0.01	22.6	0.75	2.13	0.7	20	0.30	1.9
Q013786		0.14	<0.01	0.23	0.08	284	20	0.65	<0.01	33.5	2.83	2.97	1.8	14	0.06	1.7
Q013787		0.19	<0.01	0.22	0.09	235	20	0.59	0.01	31.7	2.85	2.92	1.7	5	0.07	2.0
Q013788		0.63	<0.01	>100	0.01	7590	20	<0.05	0.02	20.0	>1000	4.43	0.2	4	0.06	404
Q013789		0.35	0.01	>100	0.01	4040	10	<0.05	0.01	27.5	>1000	4.13	0.2	<1	0.07	232
Q013790		0.39	<0.01	12.05	0.01	5930	40	0.05	0.01	36.1	192.0	4.16	0.2	1	0.07	23.3
Q013791		0.32	<0.01	36.2	0.01	9820	40	<0.05	<0.01	33.4	454	2.39	0.2	1	0.10	63.6
Q013792		0.27	<0.01	0.17	0.02	62	10	<0.05	<0.01	21.8	2.22	1.52	0.4	3	<0.05	0.7
Q013793		0.09	<0.01	0.89	1.02	119.5	800	0.24	0.08	0.33	3.39	14.45	0.6	43	3.56	4.5
Q013794		0.18	<0.01	0.16	0.04	12	20	0.14	<0.01	25.9	1.97	0.75	0.5	1	0.05	1.3
Q013795		0.23	<0.01	0.09	0.08	48	30	0.28	0.01	30.3	1.62	2.14	0.4	2	0.08	0.9
Q013796		0.47	0.01	3.96	0.15	452	20	0.53	0.03	34.7	9.99	4.52	0.4	2	0.34	1.8
Q013797		0.40	0.02	11.00	0.07	1120	10	0.24	0.02	24.9	10.75	1.53	0.5	1	0.11	2.2
Q013798		0.24	<0.01	1.03	0.08	75	10	0.20	<0.01	24.0	2.67	1.55	0.3	1	0.10	0.6
Q013799		0.21	<0.01	0.10	0.06	37	20	0.14	0.03	25.6	0.46	1.50	0.4	1	0.07	1.6
Q013800		0.22	<0.01	0.60	0.06	130	10	0.19	0.02	24.4	5.68	1.14	1.5	1	<0.05	2.0
Q013801		0.39	0.01	0.24	0.16	189	30	0.19	0.01	35.0	1.65	1.29	0.6	2	0.16	1.4
Q013802		0.24	<0.01	0.05	0.08	75	20	0.16	0.02	25.6	0.32	1.66	0.5	2	0.15	1.0

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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013763	2.38	2.41	0.11	0.2	0.66	0.012	0.19	4.2	28.0	6.71	820	20.9	0.03	1.0	162.0
Q013764	1.11	5.35	0.10	0.8	1.28	0.010	0.70	8.3	33.1	0.12	67	19.70	0.02	3.3	23.9
Q013765	19.05	11.10	0.22	1.7	1.09	0.047	1.26	29.9	17.7	0.73	295	11.00	0.02	10.8	104.5
Q013766	1.26	4.62	0.09	0.8	0.68	0.008	0.52	11.9	21.7	0.09	102	23.0	0.01	4.6	20.0
Q013767	1.01	2.65	0.10	0.4	0.42	<0.005	0.31	8.0	14.7	0.05	75	17.45	0.01	2.4	17.5
Q013768	0.88	0.38	0.07	0.4	0.22	<0.005	0.03	0.6	4.2	0.02	246	6.37	0.02	0.7	12.6
Q013769	0.72	0.50	0.07	0.2	0.22	<0.005	0.03	3.0	14.0	0.16	117	1.61	0.01	0.7	8.6
Q013770	2.92	10.85	0.13	3.7	0.08	0.024	1.39	30.5	19.6	0.38	62	0.92	0.15	12.8	18.5
Q013771	3.64	19.55	0.13	3.7	0.12	0.043	2.62	22.5	38.8	0.94	1110	5.25	0.45	11.2	29.5
Q013772	3.01	13.25	0.14	3.4	0.19	0.041	2.06	28.5	36.1	2.15	1440	1.21	0.44	8.2	29.4
Q013773	1.63	7.50	0.13	1.1	0.35	0.013	0.93	17.5	13.8	0.18	61	35.7	0.05	5.8	46.5
Q013774	45.0	8.71	0.77	0.1	0.55	0.081	0.06	16.4	1.5	0.04	193	254	<0.01	0.3	1260
Q013775	9.54	6.57	0.20	0.9	0.41	0.026	1.61	34.6	21.4	0.20	175	16.90	0.03	3.1	106.0
Q013776	16.95	15.95	0.27	0.7	0.96	0.121	0.54	38.9	11.8	0.14	176	75.3	0.02	2.3	771
Q013777	0.27	1.21	0.11	0.1	>100	<0.005	0.08	1.5	1.9	8.71	634	0.68	0.01	0.3	7.1
Q013778	0.18	0.44	0.10	<0.1	60.7	<0.005	0.02	0.6	0.8	10.20	650	0.32	0.01	0.1	2.8
Q013779	0.12	0.56	0.14	<0.1	>100	<0.005	0.02	0.7	0.8	9.44	482	0.14	0.01	0.1	1.5
Q013780	0.22	0.75	0.15	0.1	76.5	<0.005	0.06	1.2	0.9	10.45	506	0.38	0.01	0.3	5.8
Q013781	0.16	0.87	0.15	<0.1	>100	<0.005	0.04	1.1	1.0	10.25	554	0.23	0.01	0.1	6.1
Q013782	0.14	0.76	0.17	<0.1	>100	<0.005	0.03	0.5	0.9	10.85	464	0.15	0.01	0.1	1.0
Q013783	0.22	0.75	0.14	0.1	3.10	<0.005	0.10	3.2	1.1	0.28	556	0.49	<0.01	0.5	4.2
Q013784	0.06	0.33	0.20	<0.1	5.05	<0.005	0.03	1.2	1.0	10.10	86	0.18	0.02	0.2	1.7
Q013785	0.15	0.89	0.21	0.1	0.31	<0.005	0.13	1.1	1.2	10.45	40	1.43	0.01	0.4	4.3
Q013786	1.03	0.62	0.10	<0.1	0.62	<0.005	0.02	1.7	0.4	1.88	747	0.77	<0.01	0.1	43.8
Q013787	0.93	0.61	0.10	<0.1	0.55	<0.005	0.03	1.6	0.5	3.10	616	0.77	<0.01	0.1	40.4
Q013788	0.06	2.97	1.73	<0.1	>100	0.018	<0.01	4.8	0.7	0.52	645	0.10	0.01	<0.1	0.8
Q013789	0.06	2.04	1.14	<0.1	>100	0.018	<0.01	4.9	0.8	0.14	846	<0.05	0.01	<0.1	0.8
Q013790	0.03	0.32	0.13	<0.1	21.9	<0.005	<0.01	5.2	0.8	0.18	581	0.05	0.01	<0.1	<0.2
Q013791	0.04	0.63	0.12	<0.1	61.6	<0.005	<0.01	2.7	0.9	0.18	528	0.05	0.01	<0.1	<0.2
Q013792	0.05	0.10	0.17	<0.1	0.33	<0.005	<0.01	1.4	0.4	11.00	64	0.08	0.01	<0.1	1.8
Q013793	1.24	2.85	0.11	0.6	1.84	<0.005	0.30	7.9	17.6	0.08	82	1.12	0.03	1.7	6.0
Q013794	0.19	0.13	0.12	<0.1	1.13	<0.005	0.01	<0.5	0.7	8.75	126	0.33	0.01	0.1	1.6
Q013795	0.08	0.27	0.15	<0.1	1.69	<0.005	0.02	1.2	0.6	4.10	262	0.18	0.01	0.1	1.1
Q013796	0.17	0.50	0.12	0.1	16.0	<0.005	0.06	1.8	1.1	1.50	534	0.33	<0.01	0.2	1.9
Q013797	0.11	0.24	0.18	<0.1	28.5	<0.005	0.02	0.7	1.3	8.77	316	0.43	0.01	0.1	1.3
Q013798	0.10	0.23	0.18	<0.1	11.75	<0.005	0.02	0.7	1.5	9.00	227	0.18	0.01	0.1	1.3
Q013799	0.06	0.23	0.32	<0.1	0.44	<0.005	0.02	0.7	0.8	9.55	134	0.15	0.01	0.1	1.4
Q013800	0.23	0.35	0.49	<0.1	3.97	<0.005	0.02	0.5	0.7	9.42	311	0.37	<0.01	0.1	12.1
Q013801	0.19	0.53	0.39	0.1	3.79	<0.005	0.06	0.8	0.7	2.46	236	0.39	<0.01	0.3	1.8
Q013802	0.11	0.42	0.61	<0.1	0.12	<0.005	0.03	0.9	0.7	8.62	87	0.33	0.01	0.2	4.7

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Finalized Date: 16-SEP-2013
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CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013763		550	2.2	8.9	0.004	0.10	16.75	3.5	4	0.3	852	0.08	<0.05	1.1	0.027	0.38
Q013764		260	8.2	33.4	0.022	0.17	16.20	2.8	6	0.7	56.1	0.25	0.11	3.0	0.097	1.46
Q013765		1640	33.1	61.2	0.008	0.30	24.7	13.8	36	2.0	356	0.76	0.11	8.7	0.230	1.69
Q013766		410	6.1	27.9	0.006	0.13	9.51	2.9	2	0.7	45.3	0.31	0.09	3.0	0.089	2.54
Q013767		450	2.7	16.1	0.018	0.11	6.55	1.9	3	0.4	54.0	0.18	<0.05	2.0	0.047	1.65
Q013768		50	<0.5	1.8	0.007	0.35	0.95	0.5	1	<0.2	6.4	<0.05	<0.05	<0.2	<0.005	0.15
Q013769		70	<0.5	2.1	0.002	0.03	1.01	0.2	1	0.2	19.0	<0.05	<0.05	0.2	0.005	0.25
Q013770		130	18.9	77.6	0.007	0.10	1.05	6.0	1	1.3	50.9	0.91	<0.05	13.2	0.294	0.48
Q013771		2340	21.0	130.0	0.004	0.04	2.47	7.0	2	2.2	32.4	0.94	0.09	14.5	0.347	1.58
Q013772		1980	16.6	98.1	0.003	0.06	0.63	5.9	1	1.6	92.8	0.69	0.07	13.4	0.236	1.55
Q013773		630	14.1	53.3	0.020	0.25	15.70	4.5	7	0.8	57.6	0.41	0.13	4.7	0.148	2.54
Q013774		3370	0.8	3.1	<0.002	0.03	65.6	9.1	50	<0.2	165.5	<0.05	<0.05	0.9	0.006	0.40
Q013775		2040	10.5	89.9	0.005	1.47	10.25	3.4	7	0.9	1410	0.23	0.11	4.2	0.092	72.1
Q013776		8920	9.7	27.5	0.003	0.14	55.8	14.2	13	0.5	887	0.18	0.12	3.9	0.062	1.02
Q013777		70	>10000	4.1	<0.002	1.02	433	0.5	10	0.2	95.6	<0.05	0.06	0.4	0.010	10.20
Q013778		60	2380	0.8	<0.002	1.35	15.65	0.1	1	0.2	114.5	<0.05	<0.05	<0.2	<0.005	4.24
Q013779		30	>10000	1.2	<0.002	1.31	120.5	0.1	5	<0.2	122.5	<0.05	<0.05	<0.2	<0.005	6.88
Q013780		90	7340	2.7	<0.002	0.71	281	0.4	5	0.2	126.0	<0.05	<0.05	0.3	0.008	2.14
Q013781		50	4880	1.9	<0.002	1.66	164.0	0.4	4	0.3	109.5	<0.05	<0.05	0.2	<0.005	3.00
Q013782		60	65.5	1.4	<0.002	0.71	12.80	0.2	<1	0.3	120.5	<0.05	<0.05	<0.2	<0.005	0.47
Q013783		90	52.5	4.3	<0.002	0.03	2.34	1.4	1	<0.2	31.4	<0.05	<0.05	0.6	0.014	1.06
Q013784		30	127.5	1.7	<0.002	0.03	2.99	0.3	<1	<0.2	156.5	<0.05	<0.05	0.2	0.005	0.15
Q013785		40	15.1	5.3	0.003	0.01	0.48	0.6	<1	0.3	131.5	<0.05	<0.05	0.4	0.012	0.21
Q013786		200	158.5	1.2	<0.002	<0.01	3.69	0.7	<1	<0.2	115.0	<0.05	<0.05	<0.2	<0.005	0.68
Q013787		200	129.0	1.4	<0.002	<0.01	3.37	0.7	<1	<0.2	108.0	<0.05	<0.05	<0.2	<0.005	0.79
Q013788		20	>10000	0.3	<0.002	9.13	1125	<0.1	7	0.5	189.5	<0.05	<0.05	<0.2	<0.005	0.75
Q013789		10	2520	0.2	<0.002	6.97	164.5	<0.1	3	0.4	258	<0.05	<0.05	<0.2	<0.005	0.34
Q013790		<10	1035	0.2	<0.002	0.54	28.8	<0.1	2	<0.2	726	<0.05	<0.05	<0.2	<0.005	0.60
Q013791		10	423	0.4	<0.002	1.94	8.98	<0.1	2	<0.2	655	<0.05	<0.05	<0.2	<0.005	0.35
Q013792		50	11.2	0.2	<0.002	0.01	0.81	0.1	1	<0.2	92.6	<0.05	<0.05	<0.2	<0.005	0.05
Q013793		80	26.1	19.4	<0.002	0.22	0.85	1.2	2	0.7	29.8	0.11	<0.05	1.8	0.050	0.41
Q013794		50	12.5	0.6	<0.002	0.01	0.73	0.1	<1	<0.2	171.5	<0.05	<0.05	<0.2	<0.005	0.06
Q013795		100	5.2	1.4	0.002	<0.01	0.22	0.4	<1	<0.2	90.2	<0.05	<0.05	0.2	<0.005	0.16
Q013796		60	1740	2.7	<0.002	0.01	2.62	0.9	1	<0.2	26.0	<0.05	<0.05	0.3	0.007	0.44
Q013797		240	5350	1.1	<0.002	<0.01	2.63	0.3	1	<0.2	89.1	<0.05	<0.05	0.2	<0.005	0.32
Q013798		260	186.0	1.2	<0.002	<0.01	0.79	0.3	<1	<0.2	90.5	<0.05	<0.05	0.2	<0.005	0.14
Q013799		90	21.4	0.9	<0.002	<0.01	0.27	0.2	<1	<0.2	171.5	<0.05	<0.05	<0.2	<0.005	0.08
Q013800		40	38.1	0.8	0.002	<0.01	1.16	0.4	1	<0.2	36.8	<0.05	<0.05	<0.2	<0.005	0.47
Q013801		90	58.1	2.5	<0.002	0.01	1.46	0.3	<1	<0.2	28.2	<0.05	<0.05	0.2	0.008	0.18
Q013802		70	6.4	1.6	<0.002	<0.01	0.91	0.4	<1	<0.2	93.5	<0.05	<0.05	0.2	<0.005	1.78

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ALS Canada Ltd.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q013763		9.8	266	0.4	22.3	2290	9.6					
Q013764		1.6	491	0.7	8.2	93	28.6					
Q013765		4.5	419	1.0	29.8	1080	87.4					
Q013766		7.9	550	0.5	14.5	122	32.9					
Q013767		7.5	398	0.3	14.1	100	17.7					
Q013768		5.9	105	0.4	2.6	54	35.4					
Q013769		1.3	13	0.1	2.7	24	14.8					
Q013770		2.7	87	1.3	13.6	85	134.0					
Q013771		11.0	302	1.6	18.7	319	131.0					
Q013772		11.7	124	1.3	23.0	794	116.5					
Q013773		7.7	876	0.8	12.4	186	44.3					
Q013774		42.0	3170	3.5	412	>10000	6.5			3.28	1.765	
Q013775		29.1	2030	1.0	190.5	1440	38.5				3.42	
Q013776		120.0	2970	8.0	282	6490	42.7				2.07	
Q013777		3.1	14	0.3	2.2	>10000	3.8		3.32	7.48		194.5
Q013778		1.4	8	0.1	1.3	>10000	0.8			3.09		
Q013779		1.5	4	0.2	1.0	>10000	1.0		1.180	3.04		128.0
Q013780		1.5	5	0.4	1.1	>10000	3.0			3.89		
Q013781		1.2	4	0.2	1.0	>10000	1.5			5.91		108.5
Q013782		1.9	3	0.1	0.6	>10000	1.2			3.57		131.5
Q013783		9.3	18	0.5	9.7	447	4.4					
Q013784		1.9	6	0.2	1.9	1120	1.6					
Q013785		1.4	13	0.1	0.9	73	3.9					
Q013786		1.1	11	10.3	3.9	500	2.9					
Q013787		1.2	11	9.8	3.9	475	3.0					
Q013788		0.3	<1	0.1	6.1	>10000	<0.5	215	1.610	25.1		339
Q013789		0.2	<1	0.1	6.9	>10000	<0.5	125		17.50		237
Q013790		0.3	<1	0.1	3.6	>10000	<0.5			2.26		
Q013791		0.1	<1	0.1	3.3	>10000	<0.5			5.71		
Q013792		0.8	5	<0.1	4.1	263	<0.5					
Q013793		0.6	42	0.2	3.3	398	21.3					
Q013794		2.2	5	0.1	0.5	302	0.6					
Q013795		3.0	5	0.1	3.0	80	1.5					
Q013796		5.8	10	0.3	3.3	147	3.5					
Q013797		4.6	4	0.1	1.4	125	1.1					
Q013798		2.3	3	0.1	1.4	57	1.2					
Q013799		0.8	2	0.1	0.8	28	0.9					
Q013800		2.2	5	0.1	1.3	269	1.0					
Q013801		3.7	4	0.3	1.0	120	2.7					
Q013802		2.2	3	0.1	1.7	155	1.4					

***** See Appendix Page for comments regarding this certificate *****

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q013803		0.22	<0.01	4.07	0.05	51	10	0.09	0.01	26.3	34.2	1.12	0.5	2	0.30	4.3
Q013804		0.38	<0.01	32.5	0.17	408	30	0.14	0.03	24.6	158.0	2.21	1.1	4	0.15	14.4
Q013805		0.24	<0.01	0.24	0.03	51	30	<0.05	0.01	23.2	1.43	1.55	0.9	2	0.09	1.9
Q013806		0.18	<0.01	0.17	0.03	51	10	0.06	0.01	24.1	0.89	2.37	0.7	3	<0.05	2.3

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q013803		0.04	0.40	0.60	<0.1	30.0	<0.005	0.01	0.7	0.6	8.32	197	0.13	0.01	0.1	1.6
Q013804		0.07	1.15	0.41	0.1	43.0	<0.005	0.07	1.5	0.9	9.01	241	0.40	0.01	0.3	6.4
Q013805		0.49	0.23	0.40	<0.1	1.38	<0.005	0.01	1.9	0.5	11.00	85	0.59	0.01	<0.1	4.1
Q013806		0.22	0.26	0.57	<0.1	0.38	<0.005	0.01	2.5	0.5	9.92	111	0.52	0.01	<0.1	2.5

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CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013803		60	241	0.7	<0.002	0.15	1.42	0.2	1	0.2	113.0	<0.05	<0.05	<0.2	<0.005	0.10
Q013804		90	8400	2.7	0.008	0.60	25.1	0.3	4	0.2	135.5	<0.05	<0.05	0.3	0.007	1.38
Q013805		200	43.7	0.5	<0.002	0.01	0.74	0.1	1	<0.2	91.0	<0.05	<0.05	<0.2	<0.005	0.25
Q013806		90	27.8	0.3	<0.002	<0.01	0.24	0.2	<1	<0.2	91.3	<0.05	<0.05	<0.2	<0.005	0.08

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q013803		1.8	5	0.1	1.7	4760	0.7					
Q013804		4.1	9	0.3	1.6	>10000	2.3			2.01		
Q013805		1.1	5	<0.1	5.7	134	0.6					
Q013806		0.8	4	<0.1	8.0	79	0.5					

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VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152703

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP- MS Cd,ICP- AES results shown.
Applies to Method: ME- MS61

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41 Hg- CV42

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag- OG62	As- OG62	Au- AA26	Hg- CV41
	Hg- CV42	ME- MS61	ME- OG62	Pb- OG62
	Zn- OG62			

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

CERTIFICATE WH13153664

Project: Nadaleen

P.O. No.: R13-25

This report is for 69 Rock samples submitted to our lab in Whitehorse, YT, Canada on 26-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153664

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q011001		0.46	<0.01	0.01	0.05	12	10	0.26	<0.01	29.5	0.06	0.97	0.5	1	0.05	0.7
Q011002		0.62	0.01	0.11	0.12	117	20	0.32	<0.01	29.4	0.20	1.62	0.9	2	0.11	1.0
Q011003		0.33	<0.01	0.07	0.08	58	20	0.24	<0.01	26.3	0.25	1.19	0.5	2	0.11	1.1
Q011004		0.05	0.01	0.07	0.13	38	90	0.14	0.01	25.0	1.25	1.74	0.5	3	0.17	2.6
Q011005		0.19	0.01	1.13	0.32	220	40	0.47	0.01	33.8	1.85	5.16	0.8	5	0.32	2.2
Q011006		0.31	<0.01	0.06	0.08	36	30	0.12	<0.01	23.1	0.81	1.36	0.6	2	0.07	1.0
Q011007		0.31	<0.01	0.15	0.12	39	20	0.40	<0.01	34.6	0.55	2.04	0.5	2	0.11	1.5
Q011008		0.16	<0.01	0.09	0.17	46	20	0.55	0.01	34.7	0.42	3.02	0.7	4	0.16	1.7
Q011009		0.32	<0.01	0.14	0.13	73	20	0.24	<0.01	27.5	2.56	2.46	2.3	4	0.17	1.4
Q011010		0.28	<0.01	0.10	0.08	46	10	0.20	<0.01	25.1	0.93	1.15	0.8	1	0.10	1.0
Q011011		0.14	0.01	0.23	0.36	440	360	0.88	0.03	30.4	6.48	11.60	102.0	16	0.73	37.5
Q011012		0.12	0.01	0.53	1.26	1180	280	0.95	0.06	29.6	5.93	16.05	31.4	23	2.14	26.6
Q011013		0.26	0.01	0.14	0.08	91	70	0.25	0.01	37.9	0.80	2.87	3.5	6	0.09	2.7
Q011014		0.25	0.02	0.75	3.23	1440	1150	1.66	0.16	14.95	7.58	42.6	28.5	57	4.33	35.0
Q011015		0.17	0.01	0.53	3.75	460	1860	1.57	0.19	9.32	4.57	44.8	13.7	64	4.53	37.1
Q011016		0.21	<0.01	0.37	0.18	310	70	0.30	0.02	36.5	4.92	5.59	24.3	9	0.33	8.4
Q011017		0.21	<0.01	0.18	0.09	111	80	0.24	0.02	38.2	1.10	3.37	4.6	12	0.10	3.5
Q011018		0.11	<0.01	0.09	0.07	52	50	0.22	0.02	37.9	0.52	1.84	2.7	6	0.07	2.2
Q011019		0.17	0.01	0.87	5.68	131.5	3380	2.17	0.26	1.97	4.05	66.2	10.4	98	11.15	51.4
Q011020		0.12	0.01	0.77	5.25	120.5	2530	1.88	0.24	4.46	3.81	58.7	9.6	86	9.55	42.3
Q011021		0.26	0.01	0.02	0.17	36	40	0.13	0.02	22.5	0.68	2.37	0.5	<1	0.23	5.9
Q011022		0.28	<0.01	0.98	0.03	16	20	0.37	0.01	35.0	12.90	1.03	0.8	<1	0.05	3.3
Q011023		0.15	0.02	1.09	2.55	395	600	1.66	0.09	15.65	4.18	21.2	6.1	32	1.62	17.5
Q011024		0.10	0.04	2.15	4.72	714	1260	2.56	0.16	6.44	6.41	43.9	8.1	79	3.83	29.4
Q011025		0.07	0.05	2.60	4.62	691	1180	2.59	0.17	7.41	8.38	43.6	15.7	86	4.25	37.1
Q011026		0.13	0.03	0.14	0.07	151	150	0.30	0.01	35.9	2.55	1.80	4.1	<1	0.08	2.5
Q011027		0.36	0.01	0.44	0.13	94	120	0.26	0.01	34.8	2.37	2.51	4.9	5	0.09	2.1
Q011028		0.10	<0.01	0.21	0.18	160	70	0.36	0.01	29.0	1.54	1.56	4.3	<1	0.13	2.1
Q011029		0.04	<0.01	0.05	0.25	47	60	0.48	0.01	34.6	1.98	5.45	4.4	<1	0.18	4.6
Q011030		0.13	0.01	0.37	0.08	30	70	0.22	0.01	34.6	1.30	0.89	0.8	<1	0.06	2.0
Q011031		0.12	0.01	0.79	6.08	440	1950	2.57	0.28	0.56	5.69	71.1	6.9	94	12.85	52.6
Q011032		0.12	0.01	1.59	5.39	613	1290	3.09	0.17	7.94	6.48	48.3	7.8	71	7.74	26.9
Q011033		0.30	0.01	1.16	4.06	212	4370	1.59	0.16	3.38	3.99	44.6	6.8	96	8.02	31.5
Q011034		0.19	0.01	0.78	5.87	814	1460	2.54	0.26	0.30	7.63	66.6	7.0	94	11.10	51.0
Q011035		0.23	0.02	2.25	6.02	913	1090	3.54	0.22	2.75	11.05	56.3	17.8	82	9.98	64.5
Q011036		0.20	0.01	0.50	6.36	262	1270	2.38	0.24	0.22	3.83	69.2	7.3	107	12.60	32.7
Q011037		0.53	<0.01	2.77	0.08	93	50	0.29	0.01	36.7	0.68	3.36	2.0	2	0.12	1.9
Q011038		0.06	0.02	1.88	4.31	811	680	3.39	0.13	10.15	16.50	32.3	29.1	60	6.04	48.2
Q012632		0.10	<0.01	0.31	0.15	58	20	0.29	0.01	34.7	0.71	1.93	0.5	<1	0.15	2.2
Q012633		0.29	<0.01	13.90	0.13	310	60	0.21	<0.01	32.0	47.4	2.71	13.1	10	0.15	15.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153664

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q011001	0.05	0.16	<0.05	<0.1	0.26	<0.005	0.02	0.5	0.5	3.91	316	0.21	0.01	0.1	0.9
Q011002	0.15	0.37	0.06	0.1	0.85	<0.005	0.05	0.9	0.7	4.35	302	0.28	0.01	0.2	2.6
Q011003	0.10	0.24	0.05	<0.1	0.59	<0.005	0.02	0.6	0.7	7.32	294	0.18	0.01	0.1	1.7
Q011004	0.10	0.36	0.06	0.1	0.10	<0.005	0.03	1.0	1.6	7.51	250	0.27	0.01	0.2	3.7
Q011005	0.34	0.92	0.08	0.2	4.53	<0.005	0.12	3.0	1.3	0.14	393	0.76	<0.01	0.7	5.6
Q011006	0.10	0.24	0.08	<0.1	0.09	<0.005	0.02	0.7	0.8	9.18	221	0.36	0.01	0.1	3.6
Q011007	0.07	0.37	0.07	0.1	0.23	<0.005	0.04	1.1	0.7	0.33	396	0.22	<0.01	0.2	2.5
Q011008	0.12	0.50	0.08	0.1	0.34	<0.005	0.06	1.6	0.8	0.78	410	0.35	<0.01	0.4	3.7
Q011009	0.15	0.37	0.06	0.1	0.35	<0.005	0.05	1.1	0.7	6.87	370	0.36	0.01	0.2	7.9
Q011010	0.10	0.25	0.09	<0.1	0.12	<0.005	0.03	0.6	0.6	8.89	228	0.25	0.01	0.1	3.7
Q011011	9.80	0.88	0.09	0.1	1.61	<0.005	0.06	15.4	1.3	0.16	2240	31.8	0.01	0.4	536
Q011012	4.47	2.69	0.07	0.4	2.21	0.015	0.28	14.3	5.7	0.35	602	39.9	0.09	1.9	234
Q011013	0.41	0.24	<0.05	<0.1	1.11	<0.005	0.02	3.9	0.6	0.14	731	15.15	0.01	0.2	18.5
Q011014	5.91	7.79	0.13	1.5	5.66	0.031	0.87	27.2	16.1	1.65	690	50.6	0.25	6.4	217
Q011015	3.35	9.90	0.10	1.7	4.85	0.036	1.19	24.0	21.2	2.32	636	16.30	0.20	8.6	83.2
Q011016	2.43	0.52	0.05	0.1	4.07	<0.005	0.05	5.2	1.0	0.11	586	9.00	0.01	0.3	241
Q011017	0.58	0.32	<0.05	<0.1	1.49	0.005	0.02	4.7	0.5	0.15	961	15.85	<0.01	0.2	29.0
Q011018	0.31	0.27	<0.05	<0.1	0.88	<0.005	0.02	2.2	0.5	0.09	814	21.2	<0.01	0.1	20.5
Q011019	3.33	15.55	0.26	3.0	0.73	0.054	1.92	38.0	26.1	1.23	203	6.19	0.20	13.3	79.6
Q011020	2.96	13.95	0.24	2.6	0.70	0.037	1.71	33.1	23.9	1.87	197	5.69	0.19	11.9	72.5
Q011021	0.20	0.45	0.19	0.1	0.06	<0.005	0.07	1.3	1.3	11.30	59	0.74	0.02	0.3	5.1
Q011022	0.07	0.17	0.16	<0.1	3.37	<0.005	0.01	0.6	0.5	0.12	482	0.27	<0.01	0.1	2.1
Q011023	1.60	4.17	0.18	0.7	8.57	0.024	0.56	10.9	6.3	7.68	263	5.36	0.04	3.6	82.7
Q011024	2.29	9.91	0.25	1.7	9.88	0.039	1.27	26.4	10.8	2.60	299	8.98	0.05	9.0	149.0
Q011025	3.60	9.76	0.18	1.7	9.07	0.041	1.25	26.4	12.1	2.25	663	11.10	0.07	8.8	201
Q011026	0.51	0.20	0.10	<0.1	0.95	<0.005	0.02	2.3	0.7	0.18	743	10.15	<0.01	0.1	23.8
Q011027	0.63	0.27	0.11	<0.1	1.12	<0.005	0.03	3.1	0.7	0.27	505	1.68	<0.01	0.2	25.9
Q011028	0.41	0.33	0.16	<0.1	38.9	<0.005	0.03	0.8	0.9	5.85	475	0.80	0.01	0.2	20.8
Q011029	0.66	0.66	0.12	0.1	0.62	<0.005	0.08	2.7	1.1	0.20	685	1.53	<0.01	0.3	18.9
Q011030	0.10	0.23	0.13	<0.1	1.21	<0.005	0.03	0.6	0.5	0.15	189	0.97	<0.01	0.1	3.1
Q011031	2.55	17.00	0.32	3.0	1.17	0.069	2.46	38.2	14.6	0.43	224	5.61	0.03	17.9	57.3
Q011032	2.38	10.70	0.29	1.9	2.20	0.046	1.46	25.2	13.6	4.00	234	7.59	0.05	10.4	200
Q011033	2.39	10.65	0.19	2.0	0.81	0.031	1.37	28.1	20.3	1.40	319	6.95	0.12	9.5	73.3
Q011034	3.45	16.35	0.21	3.4	0.88	0.061	2.49	37.1	13.3	0.42	239	6.36	0.05	17.9	55.7
Q011035	4.44	13.50	0.17	2.6	1.80	0.057	2.02	29.5	13.4	1.44	343	8.82	0.03	14.0	224
Q011036	1.61	18.80	0.22	3.1	0.62	0.059	2.85	39.1	12.3	0.47	453	4.72	0.04	19.4	42.6
Q011037	0.22	0.27	0.18	<0.1	0.38	<0.005	0.03	5.2	0.6	0.14	517	195.0	<0.01	0.2	22.6
Q011038	6.52	7.10	0.15	1.2	1.27	0.042	1.03	14.3	8.6	5.26	566	10.60	0.02	6.7	262
Q012632	0.12	0.44	0.15	0.1	1.39	<0.005	0.05	1.2	0.8	0.11	313	0.73	<0.01	0.4	2.1
Q012633	2.56	0.54	0.05	0.1	44.0	<0.005	0.03	2.5	0.8	2.23	654	14.70	0.01	0.3	72.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153664

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q011001		40	1.2	0.7	<0.002	<0.01	0.12	0.3	1	<0.2	39.3	<0.05	<0.05	<0.2	<0.005	0.09
Q011002		50	6.5	1.7	<0.002	<0.01	0.31	0.5	1	<0.2	35.5	<0.05	<0.05	0.2	0.007	0.28
Q011003		60	5.9	1.0	<0.002	<0.01	0.18	0.6	<1	<0.2	48.8	<0.05	<0.05	0.2	<0.005	0.19
Q011004		60	6.4	1.7	<0.002	0.01	0.30	0.5	<1	<0.2	85.7	<0.05	<0.05	0.2	0.007	0.20
Q011005		100	72.0	4.7	<0.002	0.02	1.43	1.9	1	0.2	23.2	<0.05	<0.05	0.8	0.021	0.15
Q011006		60	5.1	1.0	<0.002	<0.01	0.16	0.3	<1	<0.2	83.8	<0.05	<0.05	<0.2	<0.005	0.09
Q011007		100	5.1	1.5	<0.002	0.01	0.18	1.6	1	<0.2	13.9	<0.05	<0.05	0.2	0.007	0.06
Q011008		90	5.5	2.1	<0.002	0.01	0.23	0.8	1	<0.2	33.5	<0.05	<0.05	0.4	0.012	0.07
Q011009		90	12.4	1.8	<0.002	<0.01	0.24	0.7	<1	<0.2	68.7	<0.05	<0.05	0.3	0.007	0.40
Q011010		70	9.0	1.2	<0.002	<0.01	0.17	0.4	<1	<0.2	67.6	<0.05	<0.05	<0.2	<0.005	0.13
Q011011		770	60.0	3.3	0.002	<0.01	3.05	4.2	3	<0.2	140.0	<0.05	<0.05	0.5	0.011	0.90
Q011012		940	119.5	14.5	0.003	<0.01	4.24	3.6	3	0.3	141.5	0.13	<0.05	1.8	0.055	1.29
Q011013		420	22.0	1.0	0.012	0.01	1.05	0.6	1	<0.2	118.5	<0.05	<0.05	<0.2	0.005	0.08
Q011014		1480	137.5	44.1	0.004	0.04	7.35	7.5	3	0.9	129.5	0.42	0.06	5.4	0.184	2.11
Q011015		1010	45.0	61.4	0.007	0.08	4.26	7.5	4	1.1	102.5	0.54	0.06	6.0	0.227	1.27
Q011016		430	63.2	2.3	0.005	0.01	1.83	4.0	3	<0.2	76.5	<0.05	<0.05	0.3	0.009	0.27
Q011017		460	22.4	1.1	0.015	0.01	1.78	0.6	1	<0.2	129.0	<0.05	<0.05	<0.2	0.005	0.10
Q011018		80	6.5	0.8	0.035	0.01	0.32	0.9	1	<0.2	76.1	<0.05	<0.05	<0.2	<0.005	0.16
Q011019		1100	23.3	101.0	0.010	0.12	4.07	11.6	5	1.7	125.0	0.87	0.08	9.4	0.347	1.37
Q011020		1000	22.4	89.9	0.007	0.09	3.71	10.2	4	1.6	127.5	0.80	0.08	8.5	0.314	1.31
Q011021		240	2.3	2.8	0.004	<0.01	0.18	0.4	<1	<0.2	109.5	<0.05	<0.05	0.3	0.009	0.06
Q011022		40	52.4	0.6	0.003	0.01	0.73	0.8	<1	<0.2	10.9	<0.05	<0.05	<0.2	<0.005	0.06
Q011023		1760	159.0	21.7	0.005	0.03	4.78	5.1	3	0.5	131.0	0.23	<0.05	3.2	0.091	1.77
Q011024		2360	240	56.6	0.009	0.08	9.35	9.5	5	1.1	162.5	0.59	0.06	6.3	0.212	5.67
Q011025		2250	610	56.1	0.005	0.07	9.01	10.1	5	1.0	167.0	0.56	<0.05	6.4	0.219	5.04
Q011026		150	45.3	0.7	0.004	<0.01	0.75	0.3	1	<0.2	162.0	<0.05	<0.05	<0.2	<0.005	0.13
Q011027		190	181.5	1.1	0.003	<0.01	1.20	0.5	<1	<0.2	209	<0.05	<0.05	0.2	<0.005	0.25
Q011028		120	10.6	1.4	0.002	<0.01	0.47	0.6	<1	<0.2	64.3	<0.05	<0.05	0.2	0.005	0.49
Q011029		140	18.8	3.0	0.003	<0.01	0.56	5.2	1	<0.2	19.4	<0.05	<0.05	0.6	0.011	0.14
Q011030		160	57.7	1.1	0.011	0.01	2.59	0.2	<1	<0.2	142.5	<0.05	<0.05	<0.2	<0.005	0.18
Q011031		1380	36.6	116.0	0.006	0.20	4.22	12.3	5	1.9	297	1.16	0.07	12.2	0.379	2.83
Q011032		1520	42.5	69.2	0.010	0.13	4.05	10.7	5	1.2	112.0	0.70	<0.05	7.6	0.222	1.25
Q011033		1070	29.0	68.5	0.008	0.19	3.05	7.9	4	1.2	130.5	0.63	0.08	6.0	0.256	1.15
Q011034		820	21.5	115.5	0.009	0.21	5.33	12.1	8	1.8	141.5	1.15	0.08	10.8	0.371	2.54
Q011035		1790	42.8	91.1	0.016	0.17	5.48	13.2	6	1.5	110.0	0.90	0.07	8.6	0.303	1.69
Q011036		620	13.1	132.5	0.011	0.14	2.30	12.5	2	2.1	82.1	1.21	0.06	9.6	0.405	1.57
Q011037		280	752	1.2	0.058	<0.01	8.53	0.8	1	<0.2	137.5	<0.05	<0.05	<0.2	0.005	0.32
Q011038		2000	47.8	45.1	0.009	0.09	4.82	10.2	5	0.8	102.0	0.41	<0.05	5.2	0.148	1.12
Q012632		70	31.3	2.2	0.002	<0.01	0.79	1.0	1	<0.2	15.0	<0.05	<0.05	0.3	0.009	0.13
Q012633		820	1740	1.6	0.004	0.02	29.9	2.1	2	<0.2	136.5	<0.05	<0.05	0.2	0.006	0.14

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153664

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001
Q011001		2.1	4	0.1	1.9	23	0.9		
Q011002		2.0	6	0.2	2.9	35	2.5		
Q011003		1.5	5	0.1	1.9	21	1.8		
Q011004		0.9	6	0.1	1.9	93	2.1		
Q011005		5.2	18	0.9	8.3	146	7.2		
Q011006		0.9	3	0.1	1.3	70	1.3		
Q011007		3.1	12	0.2	6.1	26	2.6		
Q011008		2.7	11	0.5	5.1	42	4.1		
Q011009		2.4	5	0.2	2.4	222	2.5		
Q011010		1.5	3	0.1	1.8	79	1.2		
Q011011		9.6	50	0.6	27.6	4540	5.8		
Q011012		7.9	66	0.8	28.8	1710	13.9		
Q011013		5.7	27	0.2	9.0	165	1.4		
Q011014		8.9	161	1.5	42.7	2390	46.6		
Q011015		4.6	262	1.3	24.5	727	62.8		
Q011016		7.5	38	0.4	12.9	552	3.3		
Q011017		6.1	44	0.5	12.0	283	1.7		
Q011018		3.9	33	0.2	8.1	122	1.2		
Q011019		4.9	283	1.6	29.4	451	95.4		
Q011020		4.9	247	1.5	28.9	432	89.7		
Q011021		1.8	7	0.1	1.1	30	2.3		
Q011022		2.7	11	0.1	5.0	1080	1.0		
Q011023		8.9	96	1.2	30.2	663	24.4		
Q011024		9.7	210	2.7	54.9	726	60.7		
Q011025		10.3	218	2.6	57.2	1320	61.0		
Q011026		1.3	27	0.4	7.6	280	1.0		
Q011027		4.7	13	0.3	8.4	401	1.5		
Q011028		1.3	5	0.2	4.3	195	1.9		
Q011029		6.3	25	0.3	10.6	358	5.2		
Q011030		3.4	6	0.3	1.2	212	1.4		
Q011031		4.8	370	3.1	32.7	370	108.5		
Q011032		8.9	223	2.9	57.3	916	67.0		
Q011033		5.0	260	1.3	24.7	496	69.9		
Q011034		4.2	396	3.3	27.3	432	118.0		
Q011035		10.1	350	3.9	57.1	1640	87.4		
Q011036		3.7	386	3.4	19.2	203	112.5		
Q011037		5.5	34	0.4	10.9	90	1.7		
Q011038		9.0	202	2.3	75.4	3430	45.5		
Q012632		4.1	12	0.2	4.5	50	3.0		
Q012633		3.6	38	0.2	9.8	3970	3.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153664

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012634		0.05	<0.01	2.13	2.21	66.1	1200	0.98	0.15	0.59	1.17	41.9	0.7	74	2.35	32.1
Q012635		0.14	0.01	6.01	7.44	>10000	1590	3.89	0.19	0.36	171.0	50.5	16.3	123	6.16	294
Q012636		0.28	0.01	3.38	9.11	9020	1120	6.26	0.12	0.32	109.0	38.1	56.5	96	4.74	480
Q012637		0.02	<0.01	13.95	2.65	4190	770	1.57	0.10	8.88	51.5	28.6	34.0	60	2.58	108.0
Q012638		0.12	0.01	4.08	0.13	358	50	0.38	<0.01	34.8	23.7	3.73	9.7	<1	0.11	19.3
Q012639		0.09	<0.01	16.10	0.19	322	110	0.17	0.01	34.1	32.9	3.75	5.8	5	0.23	34.4
Q012640		0.08	<0.01	0.45	0.24	234	70	0.42	<0.01	28.4	8.44	3.01	24.0	1	0.26	12.4
Q012641		0.10	0.01	5.42	5.13	1600	2030	1.41	0.19	0.63	7.12	61.3	2.2	138	7.48	59.0
Q012642		0.12	0.01	6.80	5.14	2160	1620	1.59	0.22	2.36	13.55	59.6	3.1	133	6.72	85.4
Q012643		0.12	<0.01	0.31	0.91	120	170	0.63	0.02	34.0	4.33	9.14	1.7	4	1.10	4.0
Q012644		0.18	<0.01	0.07	0.22	32	40	0.56	<0.01	35.3	0.40	3.25	0.7	<1	0.21	2.3
Q012645		0.13	<0.01	0.04	0.22	244	40	0.21	<0.01	24.0	0.22	2.54	0.7	3	0.16	1.4
Q012646		0.27	<0.01	0.03	1.83	33.1	90	0.26	0.04	0.40	0.42	29.8	3.0	21	0.57	5.3
Q012647		0.11	0.01	0.08	3.67	62.5	190	1.16	0.17	0.16	2.20	49.7	17.1	34	1.74	33.2
Q012648		0.24	<0.01	0.31	4.09	101.0	620	1.87	0.17	9.86	0.50	47.5	8.6	54	2.78	16.6
Q012649		0.37	0.01	0.97	0.20	592	30	0.24	<0.01	27.6	19.95	2.23	0.6	1	0.21	3.3
Q012650		0.27	<0.01	0.26	0.19	69	30	0.50	0.01	36.0	0.97	3.06	0.9	3	0.23	2.6
DD023945		0.13	<0.01	0.52	5.89	109.5	840	1.42	0.22	0.94	1.90	63.2	11.9	75	6.99	13.0
Q013452		0.30	0.02	1.17	6.62	1360	1200	3.57	0.16	12.95	5.85	47.9	17.1	66	15.80	96.3
Q013453		0.16	0.04	0.85	5.65	941	940	3.08	0.13	17.65	5.58	37.9	14.9	56	12.25	87.8
Q013454		0.39	0.01	1.56	5.93	490	2980	1.93	0.28	0.56	2.43	73.3	2.7	128	14.90	159.0
Q013455		0.39	0.01	1.34	7.20	405	2090	2.05	0.33	0.32	2.09	82.1	2.9	141	17.10	179.0
Q013456		0.24	0.06	4.50	6.06	1715	1050	3.21	0.36	4.87	21.3	122.5	20.8	268	18.30	315
Q013457		0.28	<0.01	1.22	0.76	>10000	2520	8.44	0.03	0.65	54.7	7.47	15.5	11	1.79	468
Q013458		0.29	<0.01	0.15	1.01	99	240	0.62	0.04	32.2	0.89	10.65	0.6	19	2.10	6.4
Q013459		0.12	<0.01	0.16	0.50	135	250	0.39	0.02	36.1	2.00	5.48	0.9	12	0.70	6.0
Q013460		0.10	<0.01	0.11	0.09	>10000	120	1.05	<0.01	30.3	6.54	4.49	6.4	5	0.24	5.4
Q013461		0.23	0.02	0.39	2.41	3460	850	2.29	0.09	25.7	9.83	24.2	9.6	44	9.74	25.4
Q013462		0.27	0.01	0.53	8.10	3650	920	3.77	0.34	3.27	3.36	70.3	73.8	85	24.6	72.9

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153664

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012634		0.40	9.11	0.17	1.8	2.14	0.026	0.77	23.7	10.4	0.16	34	1.37	0.03	12.0	5.2
Q012635		9.70	10.50	0.20	1.9	35.0	0.048	1.09	35.3	22.3	0.17	114	62.5	0.03	8.8	365
Q012636		15.60	8.47	0.19	1.5	24.8	0.034	0.89	24.8	18.8	0.13	326	59.0	0.02	7.0	797
Q012637		19.30	6.63	0.13	1.1	55.4	0.026	0.70	20.1	8.7	0.12	502	91.2	0.02	5.9	304
Q012638		2.90	0.38	0.06	<0.1	14.8	<0.005	0.02	3.5	0.6	0.06	733	6.12	<0.01	0.2	44.6
Q012639		1.90	0.83	<0.05	0.1	33.3	0.005	0.06	3.9	1.3	0.11	542	47.8	<0.01	0.5	44.7
Q012640		2.95	0.69	0.06	0.1	1.69	<0.005	0.08	1.7	1.1	4.75	787	4.78	0.01	0.5	104.5
Q012641		2.72	16.50	0.16	2.7	13.9	0.069	1.68	37.4	14.6	0.31	61	8.98	0.04	16.1	32.4
Q012642		3.16	15.25	0.21	2.7	20.1	0.077	1.60	36.3	16.3	0.36	98	10.95	0.03	14.1	44.0
Q012643		0.26	2.30	0.15	0.4	1.21	0.010	0.41	4.5	2.6	0.82	453	0.25	0.02	1.5	18.3
Q012644		0.14	0.61	0.18	0.1	0.26	<0.005	0.08	1.9	1.0	0.23	595	0.19	0.02	0.5	3.1
Q012645		0.16	0.65	0.49	0.1	0.94	<0.005	0.06	1.4	1.8	10.70	196	0.41	0.04	0.5	2.1
Q012646		1.61	4.00	0.23	1.6	0.07	0.013	0.32	12.7	13.9	0.17	237	0.89	0.60	2.3	8.5
Q012647		4.38	10.50	0.23	2.5	0.23	0.049	1.10	21.9	25.7	0.23	1860	1.51	0.02	6.6	22.2
Q012648		2.21	10.40	0.15	1.6	0.27	0.036	1.07	23.8	24.6	5.38	406	1.07	0.62	8.5	30.3
Q012649		0.13	0.66	0.33	0.1	7.61	<0.005	0.09	1.2	1.6	7.60	684	0.12	0.01	0.3	2.6
Q012650		0.13	0.59	<0.05	0.1	0.85	<0.005	0.08	1.6	0.7	0.32	479	0.30	<0.01	0.5	5.6
DD023945		3.18	17.25	0.11	2.4	0.45	0.049	1.66	32.5	39.8	0.66	1500	1.65	0.51	12.4	22.5
Q013452		3.78	13.15	0.15	1.9	2.53	0.045	1.35	33.4	36.8	0.36	300	18.00	0.07	7.3	257
Q013453		3.06	10.95	0.12	1.5	1.79	0.037	1.08	25.9	28.4	0.31	337	16.25	0.08	6.3	199.0
Q013454		4.15	21.1	0.23	2.9	1.08	0.113	2.26	42.8	18.7	0.43	35	42.8	0.04	12.5	44.4
Q013455		3.80	27.4	0.27	3.5	1.31	0.088	2.88	47.1	20.2	0.55	30	38.7	0.04	15.2	47.0
Q013456		3.95	15.20	0.42	1.8	4.4	0.080	1.63	187.5	33.1	0.30	125	127.5	0.06	6.5	573
Q013457		>50	3.41	1.73	0.4	1.60	0.022	0.18	4.2	5.9	0.06	209	75.9	0.01	1.4	1420
Q013458		0.31	2.98	0.06	0.5	0.36	0.010	0.39	6.2	3.9	0.12	242	0.76	<0.01	3.1	8.8
Q013459		0.37	1.43	<0.05	0.2	0.20	0.006	0.15	4.1	2.5	0.08	162	0.95	<0.01	1.3	13.2
Q013460		9.06	0.56	0.17	0.1	0.93	0.008	0.03	4.6	0.5	0.09	487	15.35	<0.01	0.4	401
Q013461		5.17	7.70	0.15	1.1	0.32	0.024	0.84	14.7	13.0	0.35	392	11.50	0.04	4.6	327
Q013462		6.41	24.3	0.23	2.8	0.91	0.073	2.73	37.4	60.0	0.49	263	6.87	0.09	15.2	1070

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153664

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q012634	350	34.2	35.9	0.002	0.03	1.83	14.4	1	1.1	102.5	0.78	<0.05	5.9	0.193	0.71
Q012635	6060	846	57.2	0.062	0.15	50.4	5.8	9	1.3	684	0.58	0.12	5.9	0.213	26.4
Q012636	7170	404	42.8	0.046	0.10	38.6	5.4	13	1.0	588	0.47	0.06	4.5	0.166	4.87
Q012637	3530	1880	31.6	0.005	0.03	77.4	6.9	8	0.8	132.5	0.36	0.06	3.6	0.137	0.73
Q012638	390	195.5	0.9	0.004	<0.01	9.38	2.6	2	<0.2	48.6	<0.05	<0.05	0.2	<0.005	0.09
Q012639	620	2320	3.0	0.010	0.03	73.7	2.6	4	<0.2	222	<0.05	<0.05	0.3	0.011	0.20
Q012640	130	51.7	3.4	0.003	<0.01	7.63	0.8	3	<0.2	124.5	<0.05	<0.05	0.4	0.012	0.21
Q012641	2110	359	83.4	0.005	0.32	17.75	10.2	5	1.8	349	1.04	0.15	8.9	0.345	2.68
Q012642	2410	720	82.7	0.004	0.29	22.4	11.2	6	1.6	405	0.96	0.18	8.7	0.318	3.93
Q012643	650	82.3	14.0	0.003	<0.01	1.19	2.0	1	0.3	49.4	0.10	<0.05	1.3	0.046	1.55
Q012644	120	9.4	3.2	0.002	<0.01	0.37	1.3	<1	<0.2	15.7	<0.05	<0.05	0.4	0.014	0.09
Q012645	60	4.2	2.9	0.002	<0.01	0.72	0.6	<1	<0.2	109.5	<0.05	<0.05	0.4	0.014	0.24
Q012646	360	10.2	15.2	0.003	<0.01	0.30	2.2	<1	0.4	29.3	0.19	<0.05	5.0	0.098	0.11
Q012647	420	22.6	53.2	0.003	0.04	1.48	8.9	2	1.4	12.5	0.49	0.05	5.8	0.263	0.40
Q012648	580	36.2	54.7	0.002	0.01	2.15	8.1	<1	1.3	156.5	0.61	0.05	6.9	0.256	1.01
Q012649	60	106.5	3.9	0.002	0.06	1.15	0.6	<1	<0.2	170.0	<0.05	<0.05	0.4	0.010	0.49
Q012650	140	38.7	3.5	<0.002	0.01	0.47	0.8	2	<0.2	17.6	<0.05	<0.05	0.4	0.011	0.26
DD023945	930	132.5	166.0	<0.002	0.02	3.89	9.9	2	2.0	105.0	0.95	0.05	9.5	0.409	3.32
Q013452	1060	41.4	79.2	<0.002	0.05	7.54	16.9	5	1.4	264	0.54	0.09	6.9	0.210	2.19
Q013453	840	36.2	69.6	<0.002	0.04	6.19	13.3	4	1.1	214	0.43	0.07	5.2	0.163	1.83
Q013454	1620	31.8	120.5	<0.002	0.05	21.6	10.7	24	1.8	428	0.89	0.20	11.7	0.346	2.11
Q013455	1010	22.1	144.5	<0.002	0.04	24.4	12.0	29	2.3	343	1.10	0.24	12.4	0.418	2.38
Q013456	>10000	27.9	91.2	0.012	0.09	42.8	12.3	24	2.6	573	0.46	1.54	6.7	0.197	2.95
Q013457	830	66.2	10.7	<0.002	0.14	63.1	7.9	9	0.2	58.9	0.06	0.10	1.0	0.019	1.73
Q013458	230	4.3	15.3	<0.002	<0.01	0.46	4.1	1	0.4	56.7	0.18	<0.05	1.5	0.062	0.39
Q013459	210	7.2	7.8	<0.002	0.02	0.60	5.5	2	0.2	110.5	0.07	<0.05	0.8	0.027	0.16
Q013460	260	2.2	1.5	<0.002	0.01	24.7	4.3	4	<0.2	82.0	<0.05	<0.05	0.2	<0.005	0.65
Q013461	930	19.9	46.7	<0.002	0.03	7.23	7.2	6	0.8	172.0	0.30	0.05	3.7	0.119	1.19
Q013462	710	56.4	126.0	<0.002	0.02	3.64	11.3	6	2.4	187.5	1.15	0.07	11.2	0.414	3.75

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Finalized Date: 18-SEP-2013
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CERTIFICATE OF ANALYSIS WH13153664

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001
Q012634		3.8	231	1.5	18.1	67	66.2		
Q012635		22.6	354	3.1	99.3	3130	89.9		1.090
Q012636		46.7	405	2.9	120.0	>10000	49.9	1.535	
Q012637		13.8	211	2.4	46.3	>10000	40.6	1.245	
Q012638		8.4	26	0.2	11.8	1640	1.9		
Q012639		4.9	62	0.8	8.5	2670	4.9		
Q012640		2.1	36	0.3	8.1	1640	5.3		
Q012641		6.6	435	3.1	26.9	781	106.0		
Q012642		7.7	379	3.3	34.6	992	96.7		
Q012643		5.2	14	0.7	8.2	773	12.4		
Q012644		1.8	21	0.2	10.7	67	3.7		
Q012645		1.2	6	0.1	1.9	35	3.0		
Q012646		1.0	14	0.3	5.3	67	51.8		
Q012647		2.1	71	0.8	16.1	297	70.9		
Q012648		2.5	89	1.2	13.7	221	51.8		
Q012649		1.8	6	0.5	1.7	2250	2.8		
Q012650		3.7	9	0.4	5.5	65	4.0		
DD023945		5.3	154	2.7	14.2	576	89.5		
Q013452		5.6	470	1.9	82.9	1240	75.2		
Q013453		4.4	362	1.4	71.2	1060	64.4		
Q013454		12.1	1170	4.1	52.4	230	112.0		
Q013455		12.2	1200	4.6	58.0	202	133.0		
Q013456		27.2	1080	3.9	322	2140	97.4		
Q013457		6.7	642	6.3	45.3	9020	23.6		2.26
Q013458		4.7	100	0.6	12.5	59	20.5		
Q013459		5.4	57	0.5	14.0	70	11.2		
Q013460		7.3	95	0.9	25.3	1000	8.4		1.115
Q013461		7.4	135	2.9	24.6	821	47.3		
Q013462		4.6	235	2.9	28.5	6900	107.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153664

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: CRU-31, CRU-QC, LOG-22, PUL-31, PUL-QC, SPL-21, WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: As-OG62, Au-AA26, Hg-CV41, ME-MS61, ME-OG62, Zn-OG62

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE WH13156428

Project: Nadaleen
P.O. No.: R13-26
This report is for 52 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156428

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q011039	0.25	0.01	3.94	5.79	462	1930	1.06	0.21	0.21	0.09	66.1	1.1	103	8.10	12.3
Q011040	0.24	0.01	8.24	4.48	2240	1350	1.70	0.15	10.10	30.7	46.7	11.0	107	6.03	147.5
Q011041	0.24	0.01	2.33	5.82	98.0	1870	1.10	0.22	0.23	0.44	64.3	0.7	105	6.64	10.3
Q011042	0.27	<0.01	3.90	3.34	1200	1130	1.07	0.15	18.20	8.76	37.7	5.2	72	5.00	68.9
Q011043	0.24	0.01	15.80	4.34	2690	1470	1.85	0.20	4.75	55.5	49.2	18.2	128	5.46	119.5
Q011044	0.56	<0.01	0.06	0.23	235	30	0.29	0.01	36.2	0.25	5.11	0.9	<1	0.27	2.0
Q011045	0.17	<0.01	0.17	0.26	130	40	0.58	0.01	34.0	0.46	3.38	1.0	<1	0.44	3.3
Q011046	0.15	<0.01	0.60	2.18	834	1640	0.91	0.08	22.1	3.20	24.1	31.3	34	2.68	28.5
Q011047	0.20	0.01	0.92	5.92	174.5	2160	1.22	0.34	0.51	0.10	72.5	1.0	90	7.56	15.6
Q011048	0.34	0.01	0.93	6.06	834	1810	1.14	0.36	0.26	0.08	68.1	1.0	107	7.99	13.8
Q011049	0.10	0.01	1.12	5.62	1765	1270	1.04	0.30	0.40	0.18	61.4	1.0	114	6.47	10.8
Q011050	0.13	<0.01	0.07	0.37	91	50	0.36	0.02	30.3	0.24	3.73	0.6	<1	0.63	2.4
Q011051	0.25	0.01	1.57	6.34	222	1450	1.23	0.28	0.30	<0.02	56.8	0.6	134	11.70	17.8
Q011052	0.31	0.01	0.84	4.02	1495	4980	1.04	0.17	8.13	0.49	34.0	5.3	108	6.61	109.5
Q011053	0.18	0.01	1.15	5.81	403	1790	1.19	0.23	0.81	0.09	54.1	1.0	134	8.67	26.9
Q011054	0.26	<0.01	1.50	5.24	116.0	1440	1.04	0.25	0.26	0.11	53.5	0.6	121	7.40	13.0
Q011055	0.37	<0.01	1.97	4.64	79.2	1400	1.03	0.23	0.34	0.22	46.5	0.7	136	6.90	18.7
Q011056	0.23	<0.01	0.96	2.35	358	710	1.04	0.10	20.8	1.80	27.2	5.0	61	3.67	19.2
Q011057	0.58	<0.01	0.39	2.07	453	1430	0.92	0.07	27.1	0.45	14.95	4.9	40	2.06	47.2
Q011058	0.65	<0.01	1.25	4.30	1340	2070	1.18	0.23	1.26	0.32	47.7	5.7	130	9.51	99.5
Q011059	0.53	<0.01	1.07	4.43	1395	2120	1.45	0.20	3.74	0.81	39.9	7.9	136	8.52	156.0
Q011060	0.20	<0.01	1.89	4.71	132.5	1560	1.02	0.25	0.28	<0.02	52.8	0.5	113	8.12	11.1
Q011061	0.24	<0.01	0.06	0.10	35	20	0.08	0.01	26.7	0.35	1.53	0.5	<1	0.17	2.3
Q011062	0.43	<0.01	0.03	0.10	131	40	0.25	0.01	36.8	0.23	2.63	1.2	<1	0.19	2.3
Q011063	0.23	<0.01	0.19	0.13	63	20	0.38	0.01	34.5	1.17	2.11	0.6	<1	0.20	2.9
Q011064	0.50	<0.01	0.20	0.16	85	30	0.27	0.01	30.4	1.30	1.74	0.6	<1	0.24	2.4
Q011065	0.30	<0.01	0.04	0.32	741	80	0.43	0.02	35.1	0.76	6.88	3.1	5	0.47	5.3
Q011066	0.36	<0.01	0.03	0.27	310	50	0.39	0.01	34.9	0.48	3.76	3.0	<1	0.27	4.4
Q011067	0.36	<0.01	0.10	0.15	123	40	0.38	0.01	35.9	0.28	2.57	1.0	<1	0.19	3.0
Q011068	0.15	<0.01	4.02	1.06	904	360	0.64	0.04	33.5	11.85	11.25	2.5	6	1.12	16.8
Q011069	0.45	<0.01	0.93	0.42	339	80	0.60	0.01	32.8	10.55	5.00	3.1	<1	0.56	7.4
Q011070	0.22	<0.01	0.96	0.35	312	90	0.50	0.02	31.4	3.75	4.85	3.5	<1	0.47	2.9
Q011071	0.28	<0.01	0.58	0.52	396	70	0.48	0.02	31.9	6.79	4.80	3.6	<1	0.62	3.3
Q011072	0.45	<0.01	0.10	0.23	139	120	0.30	0.01	35.6	0.74	4.20	1.1	<1	0.24	1.9
Q011073	0.57	0.01	>100	0.45	2800	70	0.21	0.03	9.02	492	3.96	3.6	6	0.40	31.0
Q011074	0.20	<0.01	0.60	0.64	228	100	0.54	0.03	29.0	2.20	7.12	2.3	2	1.09	5.6
Q011075	0.16	<0.01	0.70	0.65	3510	120	0.43	0.02	32.0	7.73	6.57	9.2	4	1.00	13.3
Q011076	0.21	<0.01	4.73	4.92	2760	1150	1.63	0.19	12.50	18.15	57.8	6.7	101	8.39	78.0
Q011077	0.10	<0.01	0.60	0.77	4820	70	0.91	0.01	18.50	125.5	7.08	60.9	4	0.19	57.4
Q011078	0.25	<0.01	1.70	4.04	470	1360	1.53	0.17	7.78	2.59	45.4	5.2	112	6.54	51.3

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156428

Sample Description	Method / Analyte / Units / LOR	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- CV41 Hg ppm 0.01	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
Q011039		2.52	18.00	0.17	3.2	2.06	0.038	2.40	41.2	10.4	0.35	20	19.65	0.03	19.0	35.6
Q011040		4.76	12.85	0.13	1.9	32.5	0.051	1.31	32.1	13.3	0.32	282	17.60	0.02	10.6	103.5
Q011041		0.83	18.20	0.23	3.1	2.68	0.044	2.41	41.4	10.3	0.37	19	7.16	0.03	19.8	17.1
Q011042		2.41	10.90	0.17	1.7	8.3	0.035	1.07	25.2	9.7	0.79	260	9.70	0.03	9.4	55.0
Q011043		8.16	14.30	0.15	1.9	46.6	0.096	1.11	36.3	11.0	0.25	635	30.1	0.03	10.6	157.0
Q011044		0.27	0.67	0.05	0.1	2.28	<0.005	0.10	3.6	0.7	0.08	363	2.74	<0.01	0.5	5.1
Q011045		0.32	0.79	0.05	0.1	0.90	<0.005	0.08	2.2	1.2	0.69	474	1.26	0.01	0.5	6.0
Q011046		6.42	6.41	0.06	1.0	1.33	0.024	0.68	14.6	7.5	0.99	576	17.10	0.04	5.4	276
Q011047		1.45	21.4	0.27	3.4	0.85	0.048	2.36	44.0	12.6	0.42	31	6.81	0.03	20.8	14.2
Q011048		2.47	20.8	0.21	3.1	0.94	0.092	2.69	41.5	10.2	0.42	24	7.71	0.04	18.4	17.2
Q011049		2.28	17.95	0.20	2.8	0.67	0.109	2.43	37.1	9.2	0.38	41	6.35	0.03	15.6	18.7
Q011050		0.22	1.05	0.15	0.1	0.27	<0.005	0.16	2.0	1.5	7.39	188	0.40	0.02	0.6	3.9
Q011051		1.82	18.90	0.28	3.1	0.82	0.050	1.90	44.3	14.0	0.31	17	4.02	0.06	11.7	8.5
Q011052		7.86	12.30	0.11	1.8	0.68	0.053	1.04	29.7	10.4	0.23	230	7.64	0.03	6.3	69.3
Q011053		2.84	18.30	0.17	3.0	2.43	0.065	1.73	44.2	14.1	0.29	33	7.08	0.05	10.8	16.8
Q011054		1.57	16.90	0.21	2.7	0.97	0.051	1.62	37.1	13.6	0.27	15	5.43	0.05	10.8	6.1
Q011055		1.10	14.60	0.23	2.4	1.17	0.039	1.34	34.8	11.5	0.27	22	6.45	0.05	10.1	7.5
Q011056		1.65	7.30	0.11	1.2	1.06	0.026	0.71	17.9	8.7	2.57	343	5.63	0.08	6.1	28.4
Q011057		2.67	4.92	0.08	0.9	0.14	0.022	0.46	12.2	6.2	0.22	317	2.80	0.02	3.1	47.6
Q011058		6.95	17.00	0.13	2.3	0.98	0.076	1.11	41.3	15.8	0.21	123	15.35	0.03	8.5	88.8
Q011059		7.85	15.00	0.12	1.9	0.61	0.075	1.15	33.0	12.7	0.22	236	7.70	0.03	7.3	106.5
Q011060		1.57	16.65	0.22	2.7	1.12	0.058	1.48	41.6	12.1	0.23	18	13.50	0.04	10.7	8.8
Q011061		0.14	0.33	0.10	<0.1	0.25	<0.005	0.03	0.9	0.6	8.97	80	0.32	0.01	0.2	2.5
Q011062		0.24	0.36	0.07	0.1	0.43	<0.005	0.04	3.1	0.5	0.11	338	1.61	<0.01	0.2	5.7
Q011063		0.14	0.45	0.16	0.1	0.65	<0.005	0.05	1.3	0.7	3.20	334	0.35	0.01	0.3	2.9
Q011064		0.17	0.57	0.19	0.1	1.79	<0.005	0.06	1.0	0.8	5.10	238	0.41	0.01	0.4	3.1
Q011065		0.93	1.00	0.08	0.2	2.16	0.005	0.12	6.7	1.5	0.30	333	7.34	0.01	0.7	16.2
Q011066		0.65	0.76	0.05	0.1	2.16	<0.005	0.11	3.3	1.2	0.16	412	12.95	<0.01	0.6	26.2
Q011067		0.24	0.47	0.10	0.1	0.48	<0.005	0.05	2.0	0.6	0.11	450	2.24	<0.01	0.3	6.2
Q011068		1.16	2.52	0.09	0.4	21.7	0.011	0.44	6.7	2.2	1.32	751	2.14	0.01	2.0	13.7
Q011069		0.49	1.20	0.06	0.2	2.90	0.005	0.16	2.6	1.6	2.74	1180	1.29	0.01	0.7	10.3
Q011070		0.45	1.04	0.09	0.1	3.86	0.005	0.14	2.6	1.3	3.02	1050	1.01	0.01	0.7	9.3
Q011071		0.63	1.41	0.07	0.2	2.15	0.005	0.20	2.5	2.0	3.74	1200	1.37	0.01	0.9	14.3
Q011072		0.22	0.62	0.09	0.1	4.83	<0.005	0.09	3.2	0.7	0.10	286	5.99	<0.01	0.5	6.0
Q011073		2.00	3.99	0.05	0.1	>100	0.009	0.15	2.7	12.7	0.12	659	21.5	0.01	0.6	25.8
Q011074		0.73	1.85	<0.05	0.3	2.58	0.007	0.20	4.4	3.4	3.43	361	1.56	0.03	1.2	13.2
Q011075		4.87	0.97	<0.05	0.2	3.01	0.011	0.13	4.3	2.2	0.28	404	12.00	0.01	1.0	88.8
Q011076		4.12	11.60	0.10	2.1	15.4	0.050	1.41	37.3	19.4	0.32	234	58.2	0.03	11.4	88.2
Q011077		23.1	0.49	0.40	0.1	13.4	0.010	0.04	7.0	0.7	0.07	1140	76.0	<0.01	0.7	524
Q011078		2.14	11.85	0.07	2.0	2.21	0.042	1.37	28.4	18.0	0.88	187	9.12	0.06	11.0	53.4

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Finalized Date: 27-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156428

Sample Description / Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q011039	460	69.0	101.5	0.005	0.25	19.55	8.8	11	2.1	120.0	1.23	0.15	8.8	0.397	2.82
Q011040	3180	1120	62.9	0.006	0.23	38.6	8.6	7	1.4	442	0.69	0.10	6.8	0.221	3.62
Q011041	480	81.8	96.1	0.003	0.09	6.71	8.3	3	2.1	132.5	1.27	0.16	8.7	0.429	1.76
Q011042	1440	352	52.5	0.003	0.13	11.85	6.8	3	1.1	205	0.61	0.07	5.7	0.198	1.98
Q011043	5350	1740	58.3	0.003	0.23	66.7	13.4	5	1.5	594	0.66	0.12	7.9	0.229	3.70
Q011044	1480	8.6	3.4	<0.002	<0.01	1.18	3.0	1	<0.2	28.8	<0.05	<0.05	0.4	0.013	0.48
Q011045	350	36.2	4.7	<0.002	<0.01	1.14	1.6	<1	<0.2	22.9	<0.05	<0.05	0.4	0.014	0.41
Q011046	1110	43.8	32.3	<0.002	0.05	6.18	5.5	2	0.7	100.5	0.34	0.07	3.5	0.132	0.93
Q011047	520	48.8	111.5	<0.002	0.27	2.48	10.4	2	2.4	118.5	1.35	0.15	11.5	0.409	1.90
Q011048	1150	44.7	112.0	0.002	0.51	3.97	14.2	6	2.5	197.5	1.16	0.22	12.7	0.391	2.39
Q011049	2740	38.9	99.2	0.011	0.23	3.83	17.5	5	2.2	151.0	1.00	0.16	14.4	0.353	1.76
Q011050	140	7.3	5.7	<0.002	0.01	0.38	0.9	<1	<0.2	132.0	<0.05	<0.05	0.5	0.017	0.33
Q011051	520	16.9	100.5	0.005	0.35	3.10	7.7	3	2.1	324	0.79	0.13	10.0	0.384	1.30
Q011052	1930	10.8	53.4	0.005	0.20	9.27	14.7	6	1.1	526	0.42	0.27	5.1	0.223	0.95
Q011053	770	16.8	94.3	0.002	0.46	3.34	8.0	5	2.0	323	0.74	0.25	8.4	0.355	3.62
Q011054	450	15.1	92.2	0.002	0.39	1.19	8.8	4	1.9	196.0	0.71	0.13	8.8	0.333	1.20
Q011055	430	15.5	73.0	0.002	0.17	1.26	7.6	2	1.6	185.5	0.67	0.18	7.6	0.316	1.20
Q011056	760	57.8	37.1	0.002	0.06	2.70	5.7	2	0.8	118.0	0.39	0.09	3.9	0.147	1.23
Q011057	980	5.6	22.0	0.005	0.08	1.59	10.3	2	0.5	504	0.21	0.09	2.5	0.107	0.20
Q011058	1450	14.9	77.3	0.005	0.33	8.99	17.3	9	1.7	432	0.57	0.60	7.7	0.230	1.80
Q011059	1540	12.2	65.9	0.005	0.25	6.91	20.0	8	1.4	391	0.49	0.33	6.5	0.231	1.10
Q011060	580	15.5	88.4	0.013	0.39	2.12	8.9	5	2.0	313	0.70	0.20	9.4	0.306	1.50
Q011061	60	9.1	1.4	<0.002	<0.01	0.30	0.5	<1	<0.2	75.0	<0.05	<0.05	0.2	0.006	0.30
Q011062	210	3.6	1.5	0.002	<0.01	0.35	2.1	1	<0.2	60.3	<0.05	<0.05	0.2	0.005	0.19
Q011063	90	32.4	2.0	<0.002	<0.01	0.53	0.8	1	<0.2	33.4	<0.05	<0.05	0.2	0.007	0.83
Q011064	90	24.1	2.4	<0.002	<0.01	0.70	0.5	1	<0.2	47.6	<0.05	<0.05	0.3	0.009	0.48
Q011065	960	6.1	4.6	0.011	0.01	1.63	5.6	3	<0.2	89.6	<0.05	<0.05	0.6	0.017	0.72
Q011066	770	5.1	3.9	0.003	<0.01	0.96	2.3	1	<0.2	27.9	<0.05	<0.05	0.5	0.016	0.34
Q011067	270	8.5	2.1	0.002	<0.01	0.36	1.1	1	<0.2	37.2	<0.05	<0.05	0.2	0.008	0.15
Q011068	410	285	14.9	<0.002	<0.01	13.20	2.4	3	0.4	200	0.13	0.05	1.9	0.063	3.22
Q011069	160	181.5	6.2	<0.002	<0.01	8.51	1.3	1	0.2	74.5	0.05	<0.05	0.7	0.020	2.77
Q011070	150	103.0	5.6	<0.002	<0.01	5.99	1.0	<1	<0.2	75.4	<0.05	<0.05	0.7	0.019	5.11
Q011071	220	108.0	7.6	<0.002	<0.01	8.71	1.1	2	0.2	57.7	0.06	<0.05	0.8	0.026	3.62
Q011072	1060	19.3	3.1	0.003	<0.01	1.29	1.6	1	<0.2	93.1	<0.05	<0.05	0.4	0.012	1.24
Q011073	920	>10000	5.3	0.002	0.45	135.5	1.5	19	0.3	28.5	<0.05	<0.05	0.7	0.018	4.19
Q011074	240	112.0	9.1	<0.002	0.01	2.18	2.0	1	0.2	55.3	0.08	<0.05	1.1	0.034	0.88
Q011075	930	64.3	5.9	<0.002	<0.01	3.26	1.6	2	0.2	67.0	0.05	<0.05	0.5	0.020	1.39
Q011076	3510	732	66.0	0.010	0.22	29.7	5.7	5	1.5	288	0.72	0.11	7.1	0.254	8.01
Q011077	770	165.5	1.5	0.002	<0.01	37.6	4.0	13	0.2	40.2	<0.05	<0.05	0.2	0.005	13.80
Q011078	1270	51.0	71.7	0.003	0.12	5.33	8.4	5	1.5	200	0.68	0.10	6.6	0.241	1.79

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156428

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 1
Q011039		4.3	548	3.7	18.3	12	130.5					
Q011040		15.5	372	2.8	38.4	3410	74.5					
Q011041		4.3	482	3.1	18.1	38	128.0					
Q011042		10.0	244	1.9	24.0	1120	67.3					
Q011043		15.4	343	2.9	57.9	4100	76.9					
Q011044		22.0	21	0.2	11.0	41	3.7					
Q011045		2.6	13	0.2	5.1	60	4.4					
Q011046		12.9	140	0.9	16.0	1580	38.4					
Q011047		3.6	345	2.5	18.0	19	141.0					
Q011048		3.5	374	2.1	15.8	17	129.0					
Q011049		3.4	349	2.0	14.7	14	111.0					
Q011050		1.7	8	0.2	2.0	150	4.8					
Q011051		5.6	223	2.1	20.4	17	134.5					
Q011052		4.6	262	1.5	27.3	242	112.5					
Q011053		4.2	238	2.1	16.8	40	142.5					
Q011054		4.5	214	2.0	18.3	13	103.0					
Q011055		4.6	238	1.7	20.1	28	96.2					
Q011056		6.0	135	1.0	16.5	344	46.2					
Q011057		3.0	90	0.7	24.2	200	44.1					
Q011058		5.8	346	1.9	25.1	262	121.0					
Q011059		5.4	303	1.6	31.2	483	104.0					
Q011060		5.5	215	2.0	19.7	13	103.0					
Q011061		1.9	6	0.1	1.4	46	1.8					
Q011062		5.7	15	0.1	9.8	64	2.6					
Q011063		4.4	9	0.2	5.0	87	2.7					
Q011064		3.0	7	0.2	2.2	71	3.2					
Q011065		22.3	40	0.2	17.4	79	5.8					
Q011066		16.1	25	0.1	10.1	119	4.7					
Q011067		5.9	16	0.1	9.4	52	2.9					
Q011068		8.8	32	2.6	3.1	1340	14.5					
Q011069		5.6	13	0.6	2.8	801	6.4					
Q011070		4.4	11	0.5	2.6	843	5.8					
Q011071		4.1	10	0.6	2.6	1300	6.9					
Q011072		16.4	19	0.3	7.1	82	4.4					
Q011073		9.0	16	1.1	4.3	>10000	5.6	171	1.995	7.73		468
Q011074		3.4	21	0.4	6.7	372	9.8					
Q011075		5.1	30	0.3	16.5	1850	7.4					
Q011076		19.2	286	3.7	41.6	1610	81.3					
Q011077		13.3	62	0.2	60.2	>10000	3.9			2.32		
Q011078		7.2	302	1.5	27.9	371	78.5					

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156428

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q011079		0.29	<0.01	7.58	6.27	2730	1670	1.80	0.26	4.09	11.40	67.4	6.0	133	13.45	99.4
Q011080		0.12	<0.01	6.60	5.31	3060	1230	1.59	0.20	10.20	22.7	75.0	21.1	114	7.31	66.1
Q011081		0.45	<0.01	3.78	7.88	>10000	440	3.36	0.04	12.75	91.2	17.80	17.6	38	1.44	462
Q011082		0.37	<0.01	1.98	7.62	>10000	580	3.84	0.07	9.91	68.2	15.85	10.1	56	1.71	416
Q011083		0.43	0.01	14.40	6.35	8330	600	2.49	0.12	10.25	45.3	34.7	10.9	59	2.48	306
Q011084		0.27	<0.01	19.50	6.84	6380	730	2.51	0.13	12.25	36.6	37.0	10.8	58	2.57	264
Q011085		0.48	<0.01	5.85	5.63	4190	520	2.19	0.09	18.25	27.3	28.8	7.7	51	2.81	216
Q011086		0.20	<0.01	13.35	8.99	>10000	600	3.06	0.05	15.70	56.2	28.0	9.5	48	1.89	363
Q011087		0.27	<0.01	4.77	4.95	3770	910	1.36	0.14	15.80	33.1	67.7	36.7	90	6.92	101.0
Q011088		0.18	<0.01	4.41	4.65	3010	880	1.30	0.14	18.35	19.65	62.9	15.6	83	6.47	101.5
Q011089		0.28	<0.01	5.44	4.74	2940	1120	1.52	0.19	11.70	18.45	65.1	11.7	108	6.96	77.3
N830854		0.91	<0.01	0.18	0.87	38	60	0.23	0.03	34.3	0.42	23.9	2.4	3	0.33	7.0

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156428

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q011079		3.05	18.05	0.23	2.9	16.8	0.059	1.92	40.9	26.3	0.35	97	32.4	0.05	16.3	103.0
Q011080		7.41	12.15	0.19	2.2	23.2	0.051	1.58	51.3	18.1	0.27	306	111.0	0.03	11.9	320
Q011081		12.25	2.20	0.22	0.5	5.10	0.045	0.33	12.0	4.5	0.09	281	121.5	0.01	2.1	413
Q011082		6.59	3.77	0.10	0.8	2.65	0.036	0.46	9.6	6.3	0.08	205	77.1	0.01	3.4	335
Q011083		7.73	6.01	0.14	1.1	39.7	0.037	0.80	23.6	9.3	0.14	214	66.3	0.01	5.5	378
Q011084		7.15	6.12	0.17	1.1	66.8	0.040	0.85	25.7	9.8	0.15	221	67.0	0.01	5.7	418
Q011085		5.54	4.99	0.09	1.0	15.5	0.029	0.70	19.2	7.5	0.15	257	45.4	0.01	5.2	219
Q011086		6.54	3.30	0.15	0.6	19.0	0.028	0.45	21.7	5.4	0.10	159	73.0	0.01	2.8	318
Q011087		9.05	8.32	0.22	1.6	31.2	0.044	1.16	52.0	12.6	0.21	575	115.0	0.02	7.9	219
Q011088		7.23	8.16	0.17	1.5	21.8	0.048	1.13	44.6	12.4	0.21	388	89.2	0.02	8.1	227
Q011089		5.76	10.75	0.15	2.0	17.4	0.053	1.44	43.0	16.5	0.36	268	55.5	0.03	10.6	147.5
N830854		0.85	1.60	<0.05	0.9	0.23	0.012	0.20	13.7	6.7	0.23	171	0.64	<0.01	1.7	5.1

***** See Appendix Page for comments regarding this certificate *****

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156428

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q011079		3100	1090	85.8	0.007	0.14	33.2	8.6	5	2.0	299	1.01	0.14	9.2	0.359	9.85
Q011080		8880	1060	69.4	0.012	0.09	41.6	5.7	7	1.7	253	0.76	0.13	7.6	0.276	7.31
Q011081		3320	1030	11.2	0.009	0.03	54.1	3.0	5	0.4	237	0.15	0.05	1.5	0.046	7.75
Q011082		4760	510	8.8	0.005	0.04	34.6	2.3	5	0.6	459	0.25	0.05	1.8	0.077	8.17
Q011083		5180	2050	31.9	0.006	0.06	71.4	3.0	6	0.9	262	0.36	0.07	3.6	0.124	2.72
Q011084		5710	2770	33.8	0.007	0.06	71.1	3.1	6	1.0	396	0.38	0.07	3.8	0.128	2.06
Q011085		3620	1020	28.8	0.006	0.03	51.9	3.1	4	0.8	129.5	0.33	0.06	3.0	0.114	1.34
Q011086		5840	2090	14.4	0.006	0.04	98.6	3.8	5	0.6	423	0.20	0.05	2.0	0.064	3.48
Q011087		>10000	691	46.0	0.016	0.09	46.9	3.2	10	1.4	413	0.50	0.14	5.5	0.190	20.5
Q011088		>10000	599	45.4	0.018	0.07	36.1	3.7	7	1.3	419	0.50	0.11	5.4	0.192	9.61
Q011089		7030	798	63.7	0.010	0.17	31.1	5.3	6	1.5	283	0.67	0.12	7.2	0.247	8.12
N830854		370	14.6	8.6	<0.002	<0.01	0.69	1.6	2	0.3	2790	0.11	<0.05	1.8	0.041	0.14

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ALS Minerals

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156428

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	1
Q011079		16.7	372	4.9	42.4	1700	111.5					
Q011080		75.3	298	4.5	58.4	5050	82.3					
Q011081		31.6	113	1.1	142.0	7990	15.1				3.08	
Q011082		27.3	193	1.4	121.5	4980	25.0				1.680	
Q011083		48.5	183	2.5	89.8	5110	38.2					
Q011084		54.2	187	2.7	94.8	4800	40.5					
Q011085		23.7	177	2.3	69.5	3470	38.3					
Q011086		51.1	141	1.4	127.0	4810	19.6				1.030	
Q011087		55.8	230	3.4	61.9	8300	54.0					
Q011088		65.1	224	3.2	63.5	5470	55.4					
Q011089		46.2	295	3.8	53.0	3400	75.5					
N830854		3.5	18	0.2	8.1	56	30.5					

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Finalized Date: 27-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156428

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41 Hg-CV42

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: CRU-31 LOG-22 PUL-31 PUL-QC SPL-21 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Ag-OG62 As-OG62 Au-AA26 Hg-CV41 Hg-CV42 ME-MS61 ME-OG62 Pb-OG62 Zn-OG62

ALS Minerals
ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

CERTIFICATE WH13137046

Project: RAV

P.O. No.: R13-R1

This report is for 150 Rock samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	WEI-21 Recvd Wt.	Au-AA26 Au	ME-MS61 Ag	ME-MS61 Al	ME-MS61 As	ME-MS61 Ba	ME-MS61 Be	ME-MS61 Bi	ME-MS61 Ca	ME-MS61 Cd	ME-MS61 Ce	ME-MS61 Co	ME-MS61 Cr	ME-MS61 Cs	ME-MS61 Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007634	0.16	0.02	0.70	7.65	6.5	520	0.37	0.02	4.30	1.36	18.00	14.8	255	1.03	73.9
Q007635	0.23	0.02	6.87	7.88	41.6	290	0.86	1.31	6.76	1.70	101.0	12.7	237	3.74	51.4
Q007636	0.20	0.95	0.30	0.85	7	170	0.47	1.32	22.8	0.57	11.25	1.6	17	0.99	22.3
Q007637	0.09	0.03	0.81	1.06	28	510	0.80	2.09	15.20	1.41	22.7	2.8	29	1.16	30.4
Q007638	0.12	0.12	0.96	1.73	253	490	0.97	1.07	1.49	<0.5	27.3	5.8	44	1.86	88.1
Q007639	0.09	0.07	0.68	1.51	135.0	390	0.95	0.56	0.99	1.56	32.8	8.8	49	1.63	91.9
Q007640	0.30	0.10	0.94	2.53	193.0	760	2.06	0.73	3.59	1.04	34.9	11.7	71	2.98	162.0
Q007641	0.13	<0.01	0.15	0.35	64	150	0.52	0.13	28.2	0.41	22.0	2.0	12	0.71	7.9
Q007642	0.34	<0.01	0.27	0.60	10	80	0.28	1.27	24.4	0.62	9.65	1.3	36	1.21	10.1
Q007643	0.32	<0.01	0.36	0.83	17	170	0.55	2.14	17.15	0.78	6.52	1.9	34	1.12	45.5
Q007644	0.09	0.01	0.58	3.07	9.1	230	0.80	18.20	1.53	0.47	13.75	38.6	51	14.45	475
Q007645	0.12	0.04	0.73	5.02	8	170	3.51	5.00	10.55	0.21	91.0	5.0	3430	2.33	526
Q007646	0.20	<0.01	0.42	0.06	2.3	10	<0.05	16.40	0.19	0.20	2.92	2.5	34	0.24	23.3
Q007647	0.13	<0.01	0.26	3.96	20.8	80	2.35	5.82	7.15	0.20	21.0	7.5	100	1.94	82.8
Q007648	0.15	0.01	0.99	1.63	11.7	10	3.65	19.00	5.20	0.23	8.37	2.6	52	0.30	69.3
Q007649	0.10	<0.01	0.09	0.07	1.0	<10	0.07	0.42	0.15	0.08	0.53	0.7	25	0.24	6.8
Q007650	0.02	0.01	0.42	5.44	5.3	570	4.34	30.8	0.81	0.33	16.45	2.4	80	22.0	97.0
Q013501	0.27	<0.01	0.80	1.70	6.5	50	1.30	114.5	0.10	0.05	1.14	12.7	60	4.33	481
Q013502	0.10	<0.01	0.17	6.79	0.9	490	4.78	3.57	3.29	0.04	128.5	14.8	68	19.40	199.0
Q013503	0.13	<0.01	0.17	1.38	8.2	40	0.73	3.74	0.04	0.04	25.1	1.3	62	1.77	25.7
Q013504	0.15	0.18	0.63	3.28	0.7	190	3.24	355	0.43	<0.02	7.09	2.9	366	4.39	179.0
Q013505	0.09	<0.01	0.28	1.66	2.8	10	0.57	6.72	2.38	<0.02	7.92	1.7	33	0.41	62.4
Q013506	0.23	0.58	0.33	0.08	1050	<10	0.05	646	0.08	0.05	0.97	5.9	39	0.26	77.9
Q013507	0.16	0.59	0.64	4.22	8.8	20	0.93	103.5	7.96	0.12	19.40	3.5	130	0.36	362
Q013508	0.18	0.02	0.95	1.15	12.7	10	1.04	15.10	4.14	0.18	8.76	2.3	45	0.74	425
Q013509	0.14	0.01	0.91	0.98	4.7	<10	1.41	10.70	9.81	0.16	9.57	109.5	31	0.43	1580
Q013510	0.11	0.01	1.02	2.24	5.5	<10	2.59	15.75	6.42	0.09	12.20	77.3	34	0.52	3740
Q013511	0.23	0.01	0.36	5.73	<5	50	12.25	6.06	11.30	0.08	24.1	27.9	103	10.55	238
Q013512	0.10	0.01	0.28	5.55	157.0	250	5.47	44.9	0.46	0.02	18.90	3.7	256	10.20	182.0
Q013513	0.07	<0.01	0.72	3.83	180.5	30	0.97	5.83	1.46	0.56	59.0	3.8	209	3.36	29.9
Q013514	0.15	<0.01	0.82	0.18	10.2	<10	0.18	6.69	4.45	0.09	6.82	108.5	27	0.40	1660
Q013515	0.10	0.05	0.18	1.97	7.8	130	1.78	126.0	0.12	0.13	14.00	1.1	48	1.87	20.2
Q013516	0.15	0.03	0.45	3.69	4.8	20	1.19	4.85	6.69	0.17	66.4	117.0	71	0.63	1025
Q013517	0.14	0.01	1.69	0.41	7.7	170	0.17	185.0	4.00	0.10	13.90	0.8	71	0.38	105.5
Q013518	0.12	<0.01	0.08	11.50	9.3	30	6.61	1.28	0.32	0.07	10.85	15.8	96	0.07	71.5
Q013519	0.36	<0.01	0.33	9.95	3.3	690	9.36	7.36	1.68	0.18	348	7.5	94	12.65	81.9
Q013520	0.30	<0.01	0.67	8.97	10.6	230	3.86	0.96	4.59	0.94	20.3	9.7	150	4.37	134.5
Q013521	0.26	0.25	0.23	3.72	3.1	240	2.81	1210	6.44	0.06	39.9	1.2	93	4.04	36.4
Q013522	0.23	0.01	0.13	0.54	<5	10	1.78	8.72	12.10	0.07	6.27	6.9	26	0.42	111.5
Q013523	0.39	0.43	1.82	2.46	1.5	110	2.11	1875	0.39	0.04	18.00	0.6	169	3.02	28.3

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Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007634		5.14	21.5	0.14	0.8	0.06	0.163	0.33	8.8	14.9	3.02	974	0.93	4.11	11.5	27.9
Q007635		6.23	22.0	0.21	1.0	0.10	0.278	0.19	57.8	15.7	4.04	1140	4.54	2.64	32.7	33.2
Q007636		0.45	2.46	<0.05	0.3	0.03	0.057	0.43	7.2	3.7	1.43	889	8.84	0.03	1.5	28.6
Q007637		1.60	3.33	<0.05	0.6	0.04	0.138	0.55	15.2	4.2	2.54	2570	29.7	0.02	3.2	72.7
Q007638		15.10	4.45	0.47	1.4	0.11	0.182	0.87	18.8	5.4	0.31	949	541	0.02	3.2	556
Q007639		13.25	4.39	0.48	0.7	<0.1	0.246	0.81	21.7	4.8	0.44	747	376	0.01	2.6	545
Q007640		16.60	6.57	0.96	2.7	0.02	0.085	1.34	22.0	7.7	0.37	955	382	0.02	5.3	731
Q007641		0.91	1.26	<0.05	0.3	0.01	0.343	0.18	12.1	1.6	1.71	2870	22.1	0.01	1.7	86.2
Q007642		0.50	1.62	<0.05	0.2	0.02	0.068	0.32	9.2	4.9	3.96	812	9.04	0.01	0.9	28.1
Q007643		1.57	2.30	<0.05	0.3	0.04	0.057	0.44	5.8	6.7	6.48	712	18.80	0.01	0.8	56.5
Q007644		6.31	16.35	0.16	0.7	<0.01	0.044	1.03	4.6	26.3	1.57	379	7.16	0.18	6.9	95.8
Q007645		9.11	27.3	0.42	4.5	<0.01	0.288	0.39	106.5	15.3	3.77	1400	3.32	0.39	39.3	12.8
Q007646		1.26	0.46	<0.05	<0.1	<0.01	0.180	0.01	1.6	0.7	0.02	573	1.69	<0.01	<0.1	14.9
Q007647		3.77	16.70	0.06	0.8	<0.01	0.212	0.22	11.2	7.2	2.30	1560	42.1	0.77	6.8	42.2
Q007648		14.50	11.15	0.45	3.5	<0.01	0.371	0.16	4.6	1.6	2.65	1420	29.6	0.09	15.4	3.7
Q007649		1.17	0.38	<0.05	<0.1	<0.01	0.026	0.02	<0.5	2.2	0.03	262	1.59	0.01	0.2	5.6
Q007650		8.45	37.2	0.17	1.7	<0.01	0.546	3.44	10.5	126.5	1.57	563	295	0.07	7.3	8.4
Q013501		6.95	14.25	0.09	1.8	<0.01	0.507	1.05	0.5	34.1	0.32	536	6.97	0.01	2.3	16.3
Q013502		5.42	29.2	0.27	2.1	<0.01	0.086	1.51	66.8	36.6	1.34	360	21.9	0.94	14.0	63.6
Q013503		2.36	4.31	0.12	1.0	<0.01	0.033	0.62	13.6	3.6	0.08	178	1.61	0.04	6.1	3.3
Q013504		5.50	20.4	0.15	2.2	<0.1	0.450	1.67	5.0	26.5	0.27	392	67.4	0.06	3.7	7.3
Q013505		6.89	12.25	0.23	0.6	0.02	0.144	0.03	4.1	4.0	0.48	529	39.9	0.06	5.7	26.4
Q013506		2.72	0.43	0.09	<0.1	<0.1	0.129	0.03	0.5	4.3	0.01	114	1.59	<0.01	0.2	3.9
Q013507		5.59	19.95	0.16	0.8	<0.01	0.293	0.04	8.7	1.5	2.07	1280	1.55	0.04	12.9	3.6
Q013508		15.85	9.07	1.11	1.2	<0.01	0.318	0.05	5.1	2.3	1.09	1160	5.95	0.07	3.2	1.7
Q013509		24.6	6.85	0.93	1.2	<0.01	0.505	0.02	5.3	3.5	3.05	2680	26.0	0.07	2.4	46.9
Q013510		22.9	8.88	0.85	1.6	<0.01	0.452	0.03	7.2	1.6	1.31	1100	7.39	0.06	6.7	93.7
Q013511		9.41	17.15	0.30	1.6	<0.1	0.207	0.22	11.2	10.2	2.28	2450	201	1.20	11.8	60.6
Q013512		5.95	36.6	0.25	2.9	<0.01	0.469	3.08	12.3	52.5	0.58	237	168.0	0.07	12.0	6.0
Q013513		17.55	13.70	0.40	1.7	<0.01	0.232	0.06	26.8	20.4	1.55	1090	3.98	0.02	10.2	4.5
Q013514		42.9	1.87	1.70	0.1	<0.01	0.287	0.02	3.5	2.4	0.84	1420	6.55	0.02	2.2	143.5
Q013515		2.78	11.75	0.12	0.7	<0.01	0.135	0.97	7.9	17.9	0.14	138	1.83	0.02	2.6	2.5
Q013516		17.15	12.95	0.84	1.0	<0.01	0.223	0.04	38.9	3.6	1.46	1320	86.3	0.45	9.0	234
Q013517		34.3	2.15	0.95	0.3	<0.01	0.073	0.15	9.0	0.5	0.14	43	5.88	0.04	1.9	1.7
Q013518		8.13	63.0	0.21	1.3	<0.01	0.795	0.06	5.2	10.7	1.50	723	2.30	1.31	2.2	86.5
Q013519		5.66	49.5	0.49	2.3	<0.1	0.799	5.61	174.0	80.4	0.64	3870	48.0	0.12	8.1	144.0
Q013520		2.89	37.9	0.15	3.3	<0.1	0.116	0.69	10.7	33.1	0.69	236	7.38	2.87	13.9	37.2
Q013521		6.92	24.5	0.36	4.2	<0.1	0.265	1.97	17.1	27.3	0.17	122	12.30	0.05	8.8	2.9
Q013522		12.75	7.89	0.28	0.6	<0.01	0.861	0.08	3.0	4.1	4.72	4400	2.84	0.11	2.4	3.6
Q013523		5.25	18.15	0.22	2.0	<0.1	0.202	1.26	10.2	27.4	0.26	68	13.35	0.05	2.3	1.4

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Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007634		560	80.6	5.9	<0.002	0.03	1.46	19.7	3	1.9	488	0.58	<0.05	1.3	0.690	0.08
Q007635		2060	826	19.0	0.002	0.30	9.99	28.5	3	24.4	643	1.23	0.07	7.2	0.684	0.46
Q007636		200	8.5	24.8	<0.002	0.06	1.69	2.0	2	24.8	460	0.07	<0.05	1.2	0.036	0.81
Q007637		350	32.2	31.0	0.002	0.08	3.50	3.6	3	37.9	237	0.14	0.05	1.9	0.047	0.78
Q007638		1330	40.0	46.1	0.006	0.05	20.8	2.4	52	80.7	37.9	0.20	0.51	4.6	0.071	2.69
Q007639		1160	28.6	42.3	0.008	0.22	10.50	3.0	52	52.2	25.0	0.13	0.24	4.1	0.063	1.80
Q007640		300	51.9	68.1	0.010	0.13	16.50	3.7	192	38.4	68.1	0.37	0.36	38.6	0.108	4.00
Q007641		200	6.1	10.2	0.005	0.05	2.03	1.9	4	6.1	699	0.07	<0.05	0.9	0.019	1.27
Q007642		340	12.3	22.5	0.005	0.07	1.37	1.9	3	6.4	465	<0.05	0.05	1.0	0.018	1.02
Q007643		170	6.9	24.4	0.004	0.18	3.14	2.3	7	37.1	315	<0.05	0.07	1.0	0.029	0.83
Q007644		1230	8.9	237	0.020	1.83	0.33	9.5	14	11.1	69.5	0.49	0.71	4.6	0.224	1.63
Q007645		7050	9.6	72.1	0.014	0.81	0.26	31.2	42	26.7	212	1.79	0.18	30.2	0.777	0.37
Q007646		40	4.0	2.2	<0.002	0.05	0.34	0.2	1	0.4	1.9	<0.05	0.53	0.3	<0.005	0.05
Q007647		840	6.7	46.1	0.068	0.31	0.20	13.1	4	4.7	104.5	0.43	0.24	3.1	0.202	0.54
Q007648		6380	3.3	7.1	0.011	0.69	0.48	8.0	62	6.8	85.0	0.70	0.45	1.4	0.160	0.14
Q007649		50	2.4	2.3	<0.002	0.02	1.03	0.2	1	0.7	2.4	<0.05	<0.05	<0.2	<0.005	0.03
Q007650		1660	5.1	660	0.204	0.25	0.29	10.7	15	36.1	15.6	0.32	0.74	2.9	0.158	3.00
Q013501		90	4.3	206	0.019	1.75	0.82	3.5	17	21.2	1.3	0.13	1.16	0.3	0.081	0.80
Q013502		1630	6.5	288	0.011	1.51	0.15	14.1	7	31.0	136.5	0.97	0.09	10.4	0.432	1.55
Q013503		260	4.9	87.6	<0.002	0.07	0.35	3.1	5	13.5	12.6	0.38	0.13	3.5	0.168	0.57
Q013504		2470	5.5	244	0.103	0.45	1.83	8.3	8	28.4	10.2	0.30	2.58	2.8	0.092	1.00
Q013505		640	6.1	4.1	0.015	0.15	1.41	2.5	23	6.6	65.1	0.38	0.17	2.3	0.172	0.16
Q013506		30	15.4	4.6	0.003	0.09	1.76	0.2	7	0.9	0.8	<0.05	6.80	<0.2	<0.005	0.09
Q013507		2590	4.4	1.9	0.002	0.90	0.81	14.7	6	41.6	215	0.64	0.85	2.5	0.241	0.29
Q013508		1020	7.3	5.4	0.021	0.58	0.23	4.0	238	2.5	46.3	0.20	0.86	2.5	0.049	0.18
Q013509		1430	4.7	1.2	0.151	>10.0	0.42	2.5	132	2.5	52.8	0.41	0.59	0.7	0.029	0.11
Q013510		190	3.6	1.4	0.076	>10.0	0.79	4.7	137	5.8	85.4	0.27	0.48	1.0	0.087	0.08
Q013511		4190	10.0	21.2	0.354	2.47	0.14	14.6	19	8.8	344	0.66	0.28	3.7	0.359	0.15
Q013512		1330	3.7	490	0.281	0.57	0.39	12.9	23	78.9	13.3	0.80	0.43	3.0	0.309	2.14
Q013513		7710	6.7	11.9	0.007	0.68	0.49	19.7	4	59.8	30.1	0.52	0.86	15.4	0.243	0.88
Q013514		5200	2.1	2.7	0.145	>10.0	0.08	2.6	235	1.4	13.0	0.05	1.45	0.4	0.022	0.05
Q013515		760	3.4	126.0	0.008	0.35	0.66	4.7	7	19.1	3.9	0.13	0.50	1.5	0.060	0.57
Q013516		2360	3.8	4.2	0.134	>10.0	0.09	7.2	126	6.6	207	0.57	0.61	4.0	0.285	0.11
Q013517		>10000	6.6	10.0	0.011	2.28	0.43	2.3	81	2.5	92.9	0.07	1.30	0.9	0.029	0.14
Q013518		1930	3.4	0.8	<0.002	0.07	0.17	18.1	2	62.4	150.0	0.20	<0.05	6.4	0.260	0.03
Q013519		1410	10.9	670	0.062	1.35	0.50	25.9	5	71.9	14.7	0.45	<0.05	12.0	0.243	3.31
Q013520		380	49.5	80.8	0.042	1.01	0.80	25.4	8	5.6	301	1.01	<0.05	5.6	0.421	0.64
Q013521		>10000	9.4	261	0.029	0.66	2.91	9.0	31	35.3	50.8	0.55	5.22	2.1	0.125	1.27
Q013522		4160	3.7	3.1	0.011	0.19	0.12	3.7	9	6.4	16.5	0.16	0.07	0.5	0.034	0.10
Q013523		3810	16.3	207	0.026	0.44	4.94	5.8	26	30.2	11.7	0.15	6.39	1.2	0.066	0.81

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-XRF05
Analyte	U	V	W	Y	Zn	Zr	W
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.1	1	0.1	0.1	2	0.5	10
Q007634	0.4	119	0.3	13.7	178	19.8	
Q007635	1.5	177	3.8	24.9	178	38.0	
Q007636	1.2	336	0.5	31.1	60	16.5	
Q007637	3.4	502	1.4	33.1	120	34.6	
Q007638	44.6	868	1.4	13.0	549	52.3	
Q007639	31.3	747	1.2	23.2	265	43.8	
Q007640	43.0	1350	1.8	33.4	1040	97.7	
Q007641	67.0	160	0.4	43.3	144	20.0	
Q007642	2.9	327	0.3	20.9	54	9.9	
Q007643	5.1	386	0.3	13.0	313	17.2	
Q007644	3.6	94	7.1	28.2	82	26.2	
Q007645	20.4	1880	6.0	141.0	89	133.0	
Q007646	0.1	5	94.7	1.0	19	<0.5	
Q007647	3.1	192	1450	19.3	75	28.5	
Q007648	7.6	256	386	17.0	73	152.5	
Q007649	0.2	5	14.0	0.5	7	1.3	
Q007650	3.6	310	4340	5.6	63	78.2	
Q013501	1.8	137	62.4	2.4	14	61.0	
Q013502	5.9	106	68.5	31.0	47	74.1	
Q013503	1.4	54	3.5	9.1	6	33.5	
Q013504	4.3	305	14.5	7.0	10	88.4	
Q013505	2.0	51	1210	11.4	19	19.5	
Q013506	0.1	3	314	1.0	5	0.5	
Q013507	1.1	749	30.9	34.0	56	25.8	
Q013508	1.7	155	960	6.0	53	49.6	
Q013509	2.7	263	421	8.4	105	44.0	
Q013510	3.6	168	159.5	11.2	49	77.0	
Q013511	17.5	309	6.8	42.9	94	60.6	
Q013512	4.9	697	50.2	6.6	20	134.5	
Q013513	2.4	1240	3.0	34.3	160	62.8	
Q013514	3.1	134	9.3	13.7	69	4.4	
Q013515	1.7	119	19.4	2.3	19	36.1	
Q013516	5.7	259	103.0	27.9	68	33.5	
Q013517	5.3	124	7.9	39.4	11	14.3	
Q013518	5.4	360	5.9	5.9	68	51.1	
Q013519	9.8	160	24.6	22.2	46	79.6	
Q013520	4.6	221	5.3	17.9	110	109.5	
Q013521	12.6	170	2600	80.6	9	261	
Q013522	1.7	271	610	9.1	158	25.4	
Q013523	5.0	173	13.3	5.9	7	122.0	

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013524	0.17	0.02	0.34	5.58	4.9	20	7.07	23.3	9.03	0.07	15.55	3.6	101	1.27	314
Q013525	0.22	0.03	0.56	0.45	<5	<10	2.71	19.25	12.20	0.20	4.90	5.7	29	0.84	52.0
Q013526	0.27	<0.01	1.19	0.51	19.0	10	0.71	16.40	9.53	0.16	15.40	3.7	51	1.06	429
Q013527	0.30	<0.01	0.36	8.25	5.6	570	7.32	3.50	0.82	0.24	15.75	5.8	163	9.56	358
Q013528	0.22	0.54	0.60	0.80	0.4	10	7.83	434	8.64	0.08	1.76	4.9	30	0.32	110.0
Q013529	0.22	0.19	1.25	0.12	9100	10	0.12	403	0.08	0.12	1.76	311	24	0.38	188.5
Q013530	0.55	1.51	0.65	2.00	19.2	250	1.15	508	0.19	0.16	18.95	99.0	28	27.1	1555
Q013531	0.23	0.01	2.76	5.60	39.8	30	1.48	15.00	0.14	0.12	27.5	11.1	78	1.41	299
Q013532	0.18	0.02	0.45	0.29	10.6	220	0.27	13.00	0.34	0.10	2.59	2.8	66	0.44	59.2
Q013533	0.19	<0.01	0.12	0.40	7	120	0.24	0.83	13.05	2.16	16.00	0.9	17	0.38	76.8
Q013534	0.17	0.02	0.12	0.33	<5	100	0.25	0.67	14.30	1.24	5.40	1.3	21	0.39	95.5
Q013535	0.15	<0.01	0.11	0.17	6.8	60	0.12	0.61	8.12	0.52	3.55	0.7	19	0.40	87.3
Q013536	0.25	<0.01	0.08	0.45	<5	130	0.32	0.08	13.55	0.75	6.41	1.0	16	0.70	141.5
Q013537	0.14	<0.01	0.31	0.62	128.5	300	1.00	1.14	1.02	2.47	9.57	2.3	47	0.83	137.0
Q013538	0.25	<0.01	0.40	0.76	126.0	140	0.95	0.10	0.93	2.70	20.1	5.6	369	0.61	515
Q013539	0.22	<0.01	0.39	1.04	144.0	230	2.58	0.15	0.42	2.6	55.9	11.4	459	0.73	495
Q013540	0.30	<0.01	0.12	0.56	16.9	140	1.77	0.05	9.78	7.57	6.68	16.0	27	0.72	269
Q013541	0.10	<0.01	0.11	0.91	13.5	200	0.80	0.17	9.59	6.54	5.09	2.2	29	1.15	39.9
Q013542	0.19	<0.01	0.09	0.74	16	150	0.67	0.08	11.55	10.75	4.85	4.1	18	1.21	90.9
Q013543	0.27	<0.01	0.18	0.98	116.5	550	0.67	6.53	0.22	0.62	3.46	0.8	35	0.95	18.9
Q013544	0.16	<0.01	0.37	1.63	174.5	810	1.27	2.71	0.32	18.85	15.10	2.1	111	8.04	71.5
Q013545	0.24	0.01	0.17	0.31	5	110	1.03	0.09	12.30	15.55	5.35	6.0	22	1.21	47.6
Q013546	0.19	<0.01	0.38	1.17	60.9	460	1.86	0.23	4.45	28.8	18.55	20.9	57	2.44	181.5
Q013547	0.07	0.01	0.57	1.09	67.0	1340	0.46	39.6	0.81	1.63	11.20	6.6	46	1.29	92.7
Q013548	0.47	<0.01	0.58	0.56	3.3	200	0.47	0.70	0.03	0.12	8.68	0.3	44	0.53	11.1
Q013549	0.07	0.14	0.87	5.95	271	2050	3.79	14.95	0.29	0.07	48.2	3.5	79	6.27	128.0
Q013550	0.22	<0.01	0.06	0.31	6	90	0.18	0.06	31.4	0.19	6.92	1.2	8	0.40	10.5
Q007748	0.28	<0.01	0.13	0.63	7.7	550	0.24	0.13	4.73	0.21	7.33	3.2	20	0.44	12.1
Q007749	0.33	<0.01	0.02	0.01	<5	40	<0.05	<0.01	20.2	0.18	0.31	1.0	1	<0.05	1.3
Q007750	0.28	<0.01	0.02	0.01	<5	20	0.05	<0.01	20.5	0.12	0.46	1.0	1	<0.05	2.0
L840751	0.30	0.03	1.48	3.30	97	1050	1.29	12.40	10.95	2.61	36.1	12.5	66	7.89	44.7
L840752	0.12	0.01	1.33	3.26	83	900	1.14	10.45	11.85	2.41	36.5	10.6	53	6.74	41.5
L840753	0.35	<0.01	1.15	2.13	51.5	1830	0.71	2.40	0.87	0.39	35.8	3.2	82	6.51	47.0
L840754	0.09	<0.01	0.56	6.99	10.9	2340	0.81	0.93	3.19	0.59	40.0	35.7	26	12.20	37.5
L840755	0.10	<0.01	0.15	1.49	<5	240	0.47	0.23	12.30	0.58	37.9	4.8	9	1.15	10.1
L840756	0.09	<0.01	0.01	6.64	1.4	1870	32.2	0.64	3.85	0.12	105.5	45.7	302	395	74.3
L840757	0.25	<0.01	0.67	4.29	30.4	980	1.64	3.20	9.22	1.06	43.5	18.7	114	14.25	38.4
L840758	0.15	<0.01	0.01	5.07	7	1040	1.44	0.08	15.40	0.10	112.0	40.9	56	7.99	41.9
L840759	0.37	<0.01	<0.01	4.84	<5	620	1.03	0.03	15.10	0.08	107.5	36.9	50	3.02	37.7
L840760	0.27	<0.01	0.09	1.56	<5	430	0.33	0.05	18.40	0.16	45.9	24.2	16	1.11	17.8

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q013524		10.55	28.6	0.33	2.7	0.4	0.453	0.14	7.3	3.4	1.87	1770	6.03	0.43	13.7	3.8
Q013525		12.80	6.11	0.37	0.5	0.1	0.517	0.04	2.6	5.0	5.71	3350	10.80	0.08	2.6	2.1
Q013526		26.0	4.65	0.54	0.4	0.14	6.07	0.28	11.2	3.0	1.98	37800	23.5	0.01	2.1	20.8
Q013527		9.63	43.7	0.23	1.8	0.05	1.945	4.40	9.0	43.7	0.75	11250	1.01	0.09	5.6	25.2
Q013528		14.20	15.40	0.39	0.4	<0.1	1.315	0.17	0.8	2.9	5.06	3940	8.84	0.17	1.8	2.1
Q013529		5.44	0.83	0.16	<0.1	<0.1	0.552	0.05	0.9	3.5	0.06	1300	11.45	0.01	0.3	51.8
Q013530		18.35	15.30	0.54	1.0	<1	0.126	1.77	8.8	56.5	1.46	292	23.7	0.02	5.2	150.5
Q013531		4.33	7.77	0.39	0.8	0.01	0.012	0.17	15.6	41.3	2.30	118	18.05	0.70	2.0	28.7
Q013532		1.02	1.28	0.08	0.1	0.01	0.079	0.12	3.0	2.0	0.07	92	2.20	0.01	0.5	7.3
Q013533		0.53	1.12	0.09	0.3	0.10	0.106	0.19	9.8	1.5	0.30	482	8.42	0.01	1.4	31.5
Q013534		0.50	0.97	0.07	0.2	0.07	0.136	0.17	3.5	1.8	0.30	417	10.35	<0.01	1.0	35.6
Q013535		0.32	0.52	0.05	0.1	0.03	0.119	0.08	1.9	1.6	0.20	337	2.23	0.01	1.0	12.8
Q013536		0.34	1.27	0.07	0.2	0.04	0.287	0.23	3.6	3.1	0.48	541	5.64	0.01	1.2	24.5
Q013537		2.67	2.00	0.17	0.2	0.32	0.120	0.26	7.4	5.9	0.08	112	63.7	0.01	2.0	83.3
Q013538		15.10	2.77	0.39	0.5	0.09	0.756	0.18	12.1	3.6	0.17	98	380	0.02	1.7	358
Q013539		17.45	3.23	0.46	0.6	0.09	1.150	0.22	21.5	2.8	0.16	295	410	0.02	2.4	371
Q013540		1.04	1.24	0.14	0.3	0.05	0.010	0.21	23.7	3.6	5.43	616	21.2	0.02	1.4	123.5
Q013541		1.30	1.88	0.09	0.3	0.03	0.024	0.37	8.5	5.0	5.50	754	33.0	0.02	1.1	98.5
Q013542		1.23	1.63	0.08	0.2	0.09	0.064	0.28	3.9	6.6	7.12	849	30.3	0.02	0.7	113.0
Q013543		1.38	2.29	0.08	0.5	0.09	0.007	0.39	2.8	6.5	0.15	46	164.5	0.01	2.3	55.2
Q013544		5.90	4.96	0.22	0.9	0.15	0.087	0.74	13.8	5.4	0.24	94	115.5	0.01	3.2	141.5
Q013545		0.50	1.21	0.06	0.3	0.14	0.015	0.14	4.4	3.1	6.18	716	10.55	0.01	1.1	79.6
Q013546		2.56	4.10	0.16	0.6	0.60	0.127	0.51	14.2	6.3	2.38	741	40.1	0.02	2.3	232
Q013547		13.30	3.62	0.34	0.5	0.04	0.016	0.68	7.0	6.5	0.53	213	12.95	0.08	2.4	46.8
Q013548		0.47	2.86	<0.05	0.5	0.10	0.008	0.20	8.2	11.8	0.10	48	1.99	0.02	2.1	6.7
Q013549		13.70	15.25	0.53	5.0	0.07	0.053	3.17	33.2	19.9	0.49	687	258	0.04	6.5	293
Q013550		0.33	0.87	0.05	0.2	0.01	0.028	0.16	3.8	1.3	0.49	910	6.90	<0.01	1.0	19.9
Q007748		2.81	2.42	0.08	0.3	0.02	0.028	0.27	4.7	6.2	1.69	1220	1.25	0.02	1.5	14.1
Q007749		0.10	0.09	<0.05	<0.1	<0.01	<0.005	<0.01	<0.5	0.2	13.10	238	0.12	<0.01	0.2	1.4
Q007750		0.10	0.12	0.06	<0.1	<0.1	<0.005	<0.01	<0.5	0.4	13.35	162	0.12	<0.01	0.2	1.8
L840751		4.19	10.05	0.14	1.2	0.07	0.363	1.03	19.9	22.2	4.93	1840	7.71	0.36	10.7	54.2
L840752		3.81	9.69	0.12	1.2	0.05	0.247	1.29	19.6	25.2	5.93	1660	6.13	0.31	9.0	46.2
L840753		2.21	8.52	0.15	1.1	0.05	0.038	1.34	24.9	15.7	1.03	116	15.05	0.06	5.5	26.2
L840754		3.47	21.2	0.15	1.7	0.03	0.023	1.04	20.6	32.9	3.37	417	2.38	2.45	20.7	43.9
L840755		4.80	4.15	0.15	0.7	0.02	0.064	0.71	16.1	2.7	5.46	1980	2.17	0.03	2.2	10.2
L840756		6.03	18.35	0.28	1.7	0.01	0.074	5.70	58.1	124.5	9.96	744	0.62	0.19	77.5	259
L840757		3.74	13.10	0.14	1.3	0.1	0.089	1.19	23.4	27.8	4.07	906	2.49	0.60	16.8	77.1
L840758		4.26	15.05	0.20	1.1	0.03	0.066	2.24	58.6	20.6	1.65	970	1.44	0.27	49.2	77.6
L840759		3.68	14.40	0.19	1.2	<0.1	0.064	2.18	55.4	17.9	1.34	848	1.49	0.25	48.1	70.8
L840760		9.33	4.51	0.20	1.1	0.1	0.025	0.72	28.0	6.9	4.70	1360	1.30	0.03	13.9	34.8

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

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CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q013524		8210	8.3	16.7	0.015	0.40	0.62	9.6	36	7.9	268	0.66	0.33	1.8	0.149	0.20
Q013525		380	7.0	2.8	0.018	0.29	0.22	5.5	43	3.2	9.3	0.15	0.36	0.4	0.052	0.03
Q013526		>10000	14.7	37.5	0.046	0.65	0.48	2.6	4	47.6	85.8	0.10	0.12	0.7	0.023	0.16
Q013527		2700	18.9	530	0.005	0.15	0.24	10.4	2	66.1	16.8	0.30	<0.05	2.3	0.162	2.48
Q013528		510	2.7	4.5	0.035	0.26	0.10	2.3	33	10.5	5.7	0.08	5.88	0.4	0.032	0.04
Q013529		40	12.0	8.1	0.003	1.09	4.32	0.7	11	2.1	2.0	<0.05	13.65	<0.2	0.005	0.12
Q013530		560	6.6	460	0.067	>10.0	0.69	7.5	41	6.1	3.1	0.31	28.6	1.4	0.140	2.31
Q013531		3380	18.8	27.3	0.002	0.39	1.06	13.9	71	0.3	147.5	0.21	0.82	2.1	0.157	0.38
Q013532		1520	7.2	10.1	0.002	0.30	0.62	2.2	5	24.0	22.4	<0.05	0.54	0.5	0.016	0.20
Q013533		70	2.9	10.6	<0.002	0.09	1.69	1.3	7	52.9	265	0.18	<0.05	1.1	0.012	0.28
Q013534		80	3.1	9.2	0.005	0.13	2.66	1.3	4	45.1	313	0.05	<0.05	0.6	0.015	0.34
Q013535		30	2.8	5.1	<0.002	0.03	2.19	0.7	2	9.7	142.5	0.07	<0.05	0.3	0.010	0.19
Q013536		120	2.1	13.5	0.002	0.05	1.53	1.6	4	54.0	261	0.17	<0.05	0.4	0.018	0.48
Q013537		930	13.6	15.8	0.004	0.05	9.13	2.5	19	3.4	23.9	0.08	0.07	1.7	0.046	1.03
Q013538		4580	16.8	12.5	0.007	0.04	9.49	3.9	20	3.5	40.1	0.11	0.21	25.9	0.028	1.53
Q013539		5930	11.1	16.6	0.007	0.05	14.55	4.2	29	1.7	31.2	0.16	0.17	22.9	0.044	1.70
Q013540		2360	4.5	17.1	0.003	0.05	2.53	2.4	4	1.4	229	0.08	0.07	1.4	0.039	1.75
Q013541		1160	3.8	31.3	0.003	0.05	2.49	2.7	4	9.4	213	0.07	0.05	1.3	0.030	2.09
Q013542		410	2.5	27.4	0.003	0.04	3.19	1.5	5	26.1	251	<0.05	<0.05	0.8	0.017	1.86
Q013543		210	6.5	20.6	0.002	0.02	6.06	2.2	7	8.5	11.3	0.13	0.28	1.1	0.054	2.42
Q013544		3160	6.1	39.1	0.004	0.10	14.10	3.8	20	4.3	52.8	0.20	0.14	5.3	0.095	2.86
Q013545		430	3.1	15.2	0.003	0.07	3.05	4.3	4	1.0	230	0.07	<0.05	0.7	0.032	1.25
Q013546		1910	7.0	34.9	0.005	0.08	8.21	6.0	14	7.0	91.0	0.15	0.07	2.2	0.065	3.50
Q013547		1140	19.5	39.4	0.002	0.48	3.65	2.0	33	1.7	47.4	0.15	0.88	1.5	0.069	0.81
Q013548		40	1.5	11.4	<0.002	0.01	1.27	3.4	1	17.7	16.8	0.13	<0.05	1.1	0.066	0.44
Q013549		790	45.0	160.5	0.010	0.05	22.3	4.9	73	75.1	18.5	0.34	0.45	16.8	0.182	6.37
Q013550		80	1.9	9.3	<0.002	0.02	0.79	0.8	3	10.2	686	<0.05	<0.05	0.5	0.014	0.30
Q007748		100	4.8	10.0	<0.002	0.01	1.84	2.5	1	1.6	216	0.09	<0.05	1.0	0.025	0.07
Q007749		110	2.7	0.2	<0.002	<0.01	0.13	0.1	1	<0.2	35.9	<0.05	<0.05	<0.2	<0.005	<0.02
Q007750		70	1.4	0.3	<0.002	<0.01	0.13	0.1	1	<0.2	37.5	<0.05	<0.05	<0.2	<0.005	<0.02
L840751		640	75.1	88.6	<0.002	0.11	3.42	8.0	2	9.2	125.0	0.84	0.07	4.1	0.292	1.06
L840752		600	64.8	81.8	<0.002	0.10	3.12	7.1	2	9.0	108.0	0.74	0.06	4.4	0.256	0.96
L840753		780	13.4	73.9	0.004	0.48	4.05	6.7	12	1.6	44.4	0.40	0.11	4.4	0.184	3.99
L840754		1380	18.0	63.3	0.004	1.22	2.54	16.3	2	4.0	310	1.05	0.10	3.4	0.776	2.55
L840755		150	8.9	27.9	<0.002	0.04	1.41	2.1	2	0.7	154.5	0.16	<0.05	1.7	0.071	0.36
L840756		2300	1.7	1040	<0.002	0.68	0.17	24.1	2	52.3	66.6	4.67	0.08	7.7	1.115	6.74
L840757		990	34.5	113.0	<0.002	0.03	1.85	10.4	2	8.7	162.5	1.79	0.05	4.5	0.476	1.18
L840758		1800	5.3	63.4	<0.002	2.11	0.22	12.8	2	2.1	149.5	2.96	<0.05	5.5	0.958	0.28
L840759		1750	4.9	47.1	<0.002	3.36	0.20	12.0	2	1.5	147.5	3.00	<0.05	5.3	0.930	0.19
L840760		590	6.0	15.8	<0.002	4.10	0.20	3.8	1	0.5	125.5	0.92	<0.05	1.8	0.283	0.08

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-XRF05 W ppm 10
Q013524		7.0	277	590	35.7	79	129.5	
Q013525		1.2	458	35.2	5.3	147	22.8	
Q013526		9.8	136	13.9	33.5	46	17.0	
Q013527		3.3	160	16.7	18.0	81	61.0	
Q013528		0.6	182	47.9	5.2	160	11.7	
Q013529		0.2	5	21.8	3.6	13	1.2	
Q013530		3.9	422	710	6.2	46	45.3	
Q013531		8.1	95	6.3	5.8	33	32.9	
Q013532		1.4	104	12.3	6.0	8	9.3	
Q013533		2.1	112	0.4	22.3	276	14.3	
Q013534		1.5	182	1.5	19.9	109	10.0	
Q013535		0.6	73	0.3	13.0	57	4.9	
Q013536		1.1	189	0.1	24.9	70	12.2	
Q013537		8.2	689	1.5	9.8	523	26.2	
Q013538		51.7	529	0.9	41.4	1040	36.1	
Q013539		114.5	514	1.6	56.9	1040	51.4	
Q013540		5.7	380	0.4	62.0	241	21.3	
Q013541		9.0	485	0.3	28.9	315	25.8	
Q013542		7.3	386	0.4	27.0	538	20.6	
Q013543		3.2	617	2.0	5.3	198	28.7	
Q013544		32.7	1660	2.2	13.6	1580	42.0	
Q013545		2.7	1100	0.1	15.2	540	25.5	
Q013546		10.9	1620	0.5	33.0	1820	42.4	
Q013547		3.3	469	1.6	8.6	79	25.1	
Q013548		2.1	826	0.4	3.8	19	22.1	
Q013549		39.7	2870	2.8	11.6	405	170.0	
Q013550		1.4	110	<0.1	32.1	19	8.0	
Q007748		0.5	35	<0.1	4.8	24	11.9	
Q007749		0.2	2	<0.1	0.6	41	<0.5	
Q007750		0.2	2	<0.1	0.8	22	0.6	
L840751		2.4	185	19.5	13.9	496	49.1	
L840752		2.4	138	18.2	13.4	441	45.4	
L840753		5.1	581	1.1	25.1	43	38.9	
L840754		2.0	126	2.8	13.6	77	65.8	
L840755		0.6	16	1.7	26.0	52	21.2	
L840756		1.8	179	6.1	24.8	158	56.7	
L840757		1.6	140	24.7	16.0	190	52.2	
L840758		0.9	136	1.2	18.7	59	51.9	
L840759		0.8	134	0.9	16.9	51	52.0	
L840760		0.7	42	0.3	10.8	53	48.1	

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
L840761	0.10	<0.01	0.09	1.28	<5	390	0.30	0.01	19.90	0.16	40.3	15.9	13	1.12	15.9
L840762	0.33	<0.01	0.08	1.71	5	500	0.41	0.01	17.65	0.16	42.2	18.2	17	1.20	14.4
L840763	0.30	<0.01	0.52	0.05	14.5	220	<0.05	6.37	0.13	0.10	>500	0.4	19	0.07	3.2
L840764	0.29	0.02	0.87	7.65	23.3	1640	4.15	6.70	8.12	1.06	59.1	10.9	75	3.37	32.1
L840765	0.26	0.01	0.12	0.05	25.9	20	<0.05	0.20	0.15	0.03	10.00	0.4	24	0.32	12.7
L840766	0.15	<0.01	0.14	0.05	17.5	10	<0.05	0.66	0.02	0.02	31.2	0.5	34	0.27	6.7
L840767	0.43	<0.01	0.25	0.07	30.7	20	0.06	9.94	0.05	0.03	0.62	0.4	34	0.39	8.9
L840768	0.08	<0.01	0.95	0.28	63.9	30	0.37	1.34	0.03	0.05	4.46	3.9	20	0.36	166.0
L840769	0.28	<0.01	0.13	1.01	57.0	40	0.69	1.09	0.02	<0.02	410	0.5	61	6.56	144.0
L840770	0.08	0.01	0.55	0.63	60.7	190	0.44	2.74	0.03	0.04	487	0.8	46	5.78	62.8
L840771	0.08	<0.01	0.46	1.17	12.2	90	0.60	1.11	0.05	0.02	26.7	0.6	28	2.40	32.4
L840772	0.34	<0.01	0.05	0.26	13.1	30	0.35	4.96	0.03	<0.02	3.85	1.3	23	0.58	32.3
L840773	0.15	0.01	0.31	1.05	2.4	50	0.46	3.17	8.07	0.03	19.80	2.0	278	0.70	1030
L840774	0.19	0.01	0.51	8.36	2.3	650	2.31	4.47	9.42	0.23	133.0	6.4	1170	5.94	202
L840775	0.14	<0.01	0.16	0.79	<5	60	0.43	1.56	10.40	0.02	75.6	1.2	323	0.62	486
L840776	0.11	0.02	0.21	1.29	8	20	0.41	4.26	19.20	0.03	57.2	0.8	262	0.10	536
L840777	0.15	0.01	0.22	1.13	<5	40	0.41	2.88	16.35	0.04	101.5	2.0	190	0.56	548
L840778	0.22	0.16	0.84	0.75	17.0	110	0.42	153.0	3.59	0.02	11.65	3.2	124	1.79	262
L840779	0.02	0.15	0.51	0.40	9.7	50	0.65	130.0	4.15	0.03	13.25	2.2	108	1.47	250
L840780	0.44	<0.01	0.18	1.28	7	90	0.38	3.26	15.70	0.04	172.0	0.8	392	0.57	304
L840781	0.13	<0.01	0.28	1.16	3.3	20	0.76	4.42	9.93	<0.02	38.9	0.9	410	0.39	419
L840782	0.02	0.03	0.64	0.40	12.2	40	0.19	19.00	2.56	0.06	8.10	4.4	47	0.42	638
L840783	0.05	0.06	0.30	0.29	<5	10	0.11	9.59	16.90	0.06	56.3	2.4	68	0.67	181.5
L840784	0.16	0.01	0.40	0.25	2.2	<10	0.06	3.22	2.25	<0.02	7.04	1.0	44	0.07	228
L840785	0.23	<0.01	0.30	0.98	1.4	<10	0.59	4.95	7.66	0.04	25.6	16.4	17	1.30	806
L840786	0.02	0.02	0.15	1.23	1.7	80	0.84	2.81	1.00	0.04	9.08	1.4	51	1.93	58.8
L840787	0.10	<0.01	0.67	0.73	2.7	20	0.31	9.14	1.76	<0.02	2.04	1.2	24	0.13	27.0
L840788	0.29	0.41	0.61	1.40	0.3	320	0.45	578	0.04	<0.02	16.50	0.8	31	15.90	288
L840789	0.20	0.94	0.64	0.91	2.4	110	0.32	1980	0.06	0.02	28.9	0.6	16	3.56	275
L840790	0.28	2.18	1.29	1.89	1.6	120	5.18	3120	0.12	0.04	25.8	3.1	23	6.98	1630
L840791	0.18	0.06	0.32	2.23	1.6	20	6.06	100.0	8.78	<0.02	4.90	3.9	54	0.29	64.3
L840792	0.52	0.03	0.51	1.18	2.0	430	0.48	76.6	1.32	0.03	13.45	0.6	38	1.06	212
L840793	0.19	0.02	0.34	2.68	<5	10	7.04	16.60	10.40	0.02	32.6	4.3	31	2.72	278
L840794	0.29	<0.01	0.66	2.84	2.4	20	1.51	7.25	9.00	0.07	18.15	4.9	116	1.72	373
L840795	0.12	0.01	0.09	5.42	11	10	2.83	8.41	15.45	0.02	10.10	3.9	20	1.38	134.0
L840796	0.11	0.01	0.50	0.87	1.0	20	1.55	8.66	6.60	0.02	5.42	4.7	26	1.42	70.4
L840797	0.07	0.11	0.51	0.38	2.7	20	0.22	73.8	0.76	0.05	14.10	32.0	12	0.90	645
L840798	0.08	0.04	0.40	1.53	1.8	40	1.57	29.7	5.82	0.04	23.5	3.6	46	0.98	183.5
L840799	0.27	0.04	0.27	1.60	1.9	10	2.32	31.5	7.11	0.02	9.25	5.3	30	1.12	131.5
L840800	0.19	0.03	0.46	1.09	5.2	40	0.93	37.0	3.34	0.03	15.90	6.5	32	1.90	306

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Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
L840761	8.01	3.69	0.18	0.7	0.03	0.025	0.60	25.8	5.5	4.15	1310	0.95	0.04	11.4	31.8
L840762	8.21	5.08	0.19	1.1	0.03	0.024	0.86	26.6	7.7	4.84	1330	0.75	0.04	15.1	31.4
L840763	0.71	3.49	0.42	0.1	0.02	<0.005	0.01	470	0.3	0.03	58	0.42	<0.01	0.3	2.0
L840764	4.14	20.6	0.21	2.1	0.02	0.069	3.13	19.2	19.7	3.60	67	0.32	0.49	16.3	78.3
L840765	0.97	0.28	0.05	0.1	0.01	0.035	0.02	5.9	0.9	0.04	111	0.29	0.01	0.2	2.3
L840766	1.40	0.55	0.07	0.1	0.01	0.009	0.02	18.0	1.1	0.01	128	0.50	0.01	0.5	3.0
L840767	1.14	0.31	0.07	<0.1	0.01	0.018	0.03	<0.5	1.0	0.02	62	0.36	0.01	0.1	2.3
L840768	6.97	1.04	0.15	0.1	0.02	0.762	0.11	2.1	1.6	0.02	814	1.08	0.01	0.4	9.6
L840769	7.82	21.0	0.59	0.5	0.01	0.300	0.54	224	22.1	0.28	127	1.88	0.02	3.1	1.1
L840770	6.45	14.70	0.70	0.7	0.01	0.362	0.91	365	7.1	0.11	150	2.31	0.01	5.3	2.9
L840771	1.74	6.00	0.12	1.1	0.01	0.064	0.61	16.0	4.2	0.11	120	1.04	0.02	7.7	3.4
L840772	1.86	1.19	0.06	<0.1	0.01	0.090	0.12	2.3	2.9	0.02	712	2.59	0.01	0.3	9.5
L840773	10.65	7.07	0.45	0.8	0.01	0.161	0.10	13.7	2.9	1.10	727	37.2	0.16	4.4	4.0
L840774	5.55	35.1	0.34	4.6	0.05	0.240	1.06	101.5	19.6	2.97	984	1.10	0.73	74.9	41.8
L840775	7.70	6.32	0.33	0.2	0.04	0.126	0.11	77.4	2.5	0.85	603	39.7	0.11	4.4	1.4
L840776	11.05	7.17	0.42	0.5	0.03	0.311	0.05	36.9	0.9	0.67	466	35.2	0.04	0.6	0.7
L840777	11.90	6.65	0.47	0.6	0.1	0.173	0.08	81.1	1.9	0.71	496	39.4	0.16	4.5	3.0
L840778	27.8	4.55	1.00	0.5	0.1	0.166	0.30	10.2	4.2	0.89	688	37.0	0.12	2.9	9.9
L840779	26.9	4.21	1.01	0.4	0.1	0.133	0.22	8.9	1.4	0.92	659	16.35	0.12	2.2	4.3
L840780	9.16	8.06	0.42	0.3	0.02	0.207	0.16	177.0	1.9	0.53	374	62.7	0.10	6.1	0.3
L840781	11.45	7.42	0.53	0.4	0.01	0.211	0.06	29.7	2.1	0.85	482	33.3	0.13	7.1	1.0
L840782	39.1	3.72	2.36	0.2	<1	0.159	0.04	5.5	1.3	0.50	761	12.85	0.03	1.7	12.7
L840783	7.75	2.14	0.34	0.4	0.02	0.032	0.04	39.8	2.2	0.16	120	69.9	0.26	2.0	6.0
L840784	4.66	1.65	0.28	0.2	0.01	0.102	0.01	4.4	0.8	0.16	287	5.76	0.01	1.0	3.6
L840785	19.60	8.95	0.66	0.6	<0.1	0.819	0.01	16.7	2.2	0.73	3570	38.7	0.03	3.3	32.5
L840786	4.86	6.22	0.13	1.5	0.01	0.046	0.50	5.9	11.3	0.08	299	109.5	0.20	4.3	6.8
L840787	3.20	4.41	0.39	0.7	<0.01	0.461	0.04	1.1	3.0	0.43	633	37.3	0.05	3.8	3.1
L840788	31.5	15.95	0.68	0.5	<1	0.137	1.61	11.8	24.6	0.50	76	28.0	0.05	3.2	1.2
L840789	33.1	6.59	0.99	0.4	<1	0.096	0.78	17.2	11.7	0.15	301	42.5	0.05	1.8	1.0
L840790	11.40	9.39	0.60	0.7	<1	0.129	1.50	14.9	15.4	0.21	153	81.4	0.03	4.2	3.2
L840791	12.55	14.70	0.45	0.6	<0.01	0.625	0.10	3.2	2.3	4.60	2410	2.51	0.13	2.8	1.4
L840792	21.7	5.28	0.48	1.1	<0.1	0.078	0.64	9.3	3.1	0.60	256	86.3	0.13	6.4	1.1
L840793	15.85	18.80	0.40	0.6	0.1	0.606	0.03	20.4	1.8	1.82	3630	23.8	0.05	4.1	7.7
L840794	10.80	21.7	0.65	2.0	<0.1	0.399	0.09	9.6	3.5	1.84	2470	247	0.55	15.5	7.9
L840795	8.87	28.6	0.31	0.6	0.01	0.580	0.03	5.5	0.8	1.15	2060	18.90	0.05	3.1	8.1
L840796	14.15	14.55	0.48	0.6	<0.01	0.564	0.05	3.5	2.9	1.16	3220	5.47	0.19	3.2	7.8
L840797	40.3	4.99	1.60	0.2	<0.1	0.173	0.03	7.2	0.8	0.12	418	126.0	0.03	1.7	222
L840798	14.80	14.90	0.45	0.8	<0.01	0.482	0.10	16.1	2.6	0.92	2350	170.5	0.45	5.1	7.3
L840799	18.85	13.10	0.48	0.5	<0.01	0.526	0.03	5.4	2.2	1.37	2870	17.90	0.22	2.6	13.1
L840800	28.2	11.75	1.22	0.8	<0.1	0.345	0.10	9.5	2.2	0.67	1320	52.5	0.21	5.0	28.2

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
L840761		420	5.0	14.4	<0.002	2.72	0.19	3.6	1	0.4	142.0	0.66	<0.05	1.3	0.217	0.06
L840762		590	4.6	18.7	0.004	2.34	0.19	4.1	1	0.5	114.5	0.87	<0.05	1.8	0.300	0.07
L840763		480	26.1	0.7	<0.002	0.02	0.18	0.1	1	0.4	3.2	<0.05	0.06	0.3	0.006	0.03
L840764		150	111.0	63.6	<0.002	2.97	1.71	11.6	8	9.2	150.0	1.10	0.07	9.2	0.459	0.73
L840765		60	2.0	1.6	<0.002	0.02	0.10	0.3	2	0.7	2.0	<0.05	<0.05	1.4	0.006	0.02
L840766		50	3.9	2.9	<0.002	0.01	0.14	0.8	2	1.9	1.0	<0.05	<0.05	3.4	0.013	0.03
L840767		100	3.0	3.0	<0.002	0.02	0.19	0.1	11	1.9	2.1	<0.05	<0.05	0.2	<0.005	0.03
L840768		630	3.7	13.8	<0.002	0.09	0.25	1.1	8	3.3	4.0	<0.05	<0.05	2.3	0.009	0.08
L840769		1260	2.7	107.0	0.004	0.15	0.26	5.5	33	7.7	5.9	0.21	0.06	18.6	0.114	0.42
L840770		1300	3.2	196.0	0.035	1.37	0.32	9.1	72	9.1	33.0	0.33	0.33	23.4	0.176	1.52
L840771		170	3.2	88.8	0.002	0.13	0.24	3.3	9	9.1	3.8	0.49	0.08	1.8	0.220	0.46
L840772		150	0.9	19.2	<0.002	0.01	0.12	0.7	2	3.0	1.9	<0.05	<0.05	0.4	0.007	0.09
L840773		>10000	1.9	15.9	0.151	2.69	0.15	6.5	68	4.0	74.1	0.26	0.36	1.5	0.107	0.07
L840774		1630	6.7	189.0	0.019	1.87	0.19	33.9	23	38.1	388	3.10	0.21	28.4	1.065	0.86
L840775		>10000	1.8	18.8	0.178	0.96	0.05	6.4	47	4.2	95.9	0.25	0.17	3.6	0.108	0.31
L840776		>10000	2.2	3.5	0.200	0.70	0.56	4.3	66	4.2	213	<0.05	0.28	2.2	0.052	1.45
L840777		>10000	1.9	10.2	0.147	1.07	0.12	5.2	58	5.4	176.0	0.70	0.24	4.5	0.115	0.37
L840778		>10000	5.5	50.6	0.055	2.57	0.21	4.5	175	4.0	69.9	0.18	4.45	1.6	0.068	0.50
L840779		>10000	2.8	48.8	0.063	4.54	0.14	4.2	187	3.0	75.5	0.12	5.91	1.6	0.047	0.43
L840780		>10000	2.3	26.6	0.177	0.80	0.32	8.9	54	6.3	223	0.35	0.26	7.0	0.138	0.32
L840781		>10000	2.2	7.2	0.091	0.86	0.38	4.7	69	6.3	144.5	0.34	0.38	2.5	0.157	0.04
L840782		8490	2.2	4.4	0.064	2.71	0.15	1.9	364	1.1	21.7	0.07	1.66	0.7	0.023	0.07
L840783		>10000	2.7	7.6	0.128	>10.0	0.06	2.0	35	1.1	215	0.17	0.50	1.3	0.034	0.06
L840784		>10000	1.5	0.7	0.007	0.38	0.15	1.4	52	1.0	25.1	<0.05	0.26	0.4	0.024	0.02
L840785		350	3.4	3.7	0.096	1.30	0.17	2.1	106	4.4	56.4	0.13	0.71	1.5	0.091	0.17
L840786		1250	2.2	88.2	0.189	0.94	0.22	0.8	12	5.1	20.8	0.25	0.14	1.0	0.109	0.48
L840787		640	4.0	3.8	0.014	0.10	0.50	3.0	93	3.9	31.2	0.22	0.79	0.9	0.110	0.05
L840788		1650	9.6	470	0.005	2.92	0.90	3.1	25	7.9	31.9	0.16	8.84	1.8	0.098	2.32
L840789		2060	21.8	189.5	0.012	2.29	2.76	2.5	87	6.5	40.5	0.06	16.90	1.6	0.047	1.05
L840790		920	25.7	272	0.021	9.97	2.24	3.9	114	11.1	13.0	0.25	38.0	1.4	0.138	1.58
L840791		550	3.1	4.8	0.009	0.23	0.89	22.1	73	10.7	57.7	0.18	1.71	0.9	0.081	0.11
L840792		1180	3.8	57.5	0.017	1.34	0.20	4.1	69	7.6	42.6	0.40	0.94	1.3	0.245	0.35
L840793		1130	3.2	5.1	0.034	0.40	0.18	5.8	46	4.0	95.8	0.20	0.52	5.3	0.111	0.11
L840794		4330	4.4	15.9	0.202	1.61	0.11	10.3	124	12.2	148.0	0.89	0.57	2.9	0.415	0.29
L840795		1380	4.4	2.9	0.060	2.82	0.34	4.5	48	3.3	186.0	0.17	0.27	2.1	0.086	0.38
L840796		790	4.1	7.7	0.013	0.44	0.08	3.2	73	4.0	31.6	0.15	0.47	2.3	0.083	0.21
L840797		570	2.6	3.2	0.028	1.67	0.08	0.6	80	1.2	9.7	0.06	3.45	3.1	0.034	0.17
L840798		1240	2.2	14.2	0.222	0.71	0.08	4.1	75	4.7	45.7	0.27	0.86	4.4	0.146	0.22
L840799		840	3.1	2.9	0.044	0.65	0.10	3.8	73	3.7	44.7	<0.05	0.98	2.7	0.092	0.52
L840800		1740	5.2	15.1	0.038	1.77	0.14	3.3	123	4.8	44.1	0.32	1.21	4.4	0.134	0.39

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Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-XRF05 W ppm 10
L840761		0.6	34	0.2	11.5	47	35.7	
L840762		0.8	46	0.2	10.2	54	54.1	
L840763		2.3	4	49.9	8.6	26	1.7	
L840764		6.2	82	3.4	12.9	98	74.2	
L840765		0.1	5	0.8	0.6	5	3.4	
L840766		0.1	11	4.8	1.4	3	3.9	
L840767		0.1	4	2.1	0.2	4	0.7	
L840768		0.7	8	2.6	1.6	47	3.2	
L840769		1.1	248	3.4	13.1	5	15.5	
L840770		1.9	115	3.0	15.5	5	23.0	
L840771		1.2	95	2.1	20.2	8	36.2	
L840772		1.6	8	2.6	4.4	9	2.2	
L840773		9.4	283	3.2	50.6	38	27.2	
L840774		13.8	1220	4.1	84.8	94	136.0	
L840775		17.4	260	2070	75.7	29	6.5	
L840776		22.7	233	>10000	132.0	20	19.2	>5000
L840777		23.2	208	2730	132.0	24	13.9	
L840778		5.8	250	1470	19.1	28	19.3	
L840779		8.0	213	1090	29.4	28	16.0	
L840780		32.6	273	1900	133.0	18	7.1	
L840781		19.6	296	16.0	86.9	24	15.2	
L840782		3.7	122	142.5	11.7	100	8.5	
L840783		6.5	51	73.8	40.1	7	17.9	
L840784		4.1	47	38.0	17.2	10	7.6	
L840785		2.7	266	1100	14.2	87	26.7	
L840786		2.3	106	321	3.4	5	60.0	
L840787		1.8	113	53.1	6.2	15	20.4	
L840788		0.7	141	67.5	1.0	5	18.8	
L840789		5.0	71	570	4.3	6	16.3	
L840790		1.5	164	630	3.2	10	24.1	
L840791		0.8	696	420	4.9	112	22.0	
L840792		2.1	250	610	4.5	11	39.9	
L840793		2.9	386	490	12.8	78	21.8	
L840794		7.8	408	83.6	38.7	91	70.0	
L840795		2.5	210	2730	11.9	48	18.3	
L840796		0.6	334	940	2.7	98	22.7	
L840797		1.4	80	930	1.3	19	8.7	
L840798		2.3	318	1140	10.7	65	29.3	
L840799		1.0	316	9490	5.3	82	18.8	
L840800		1.7	194	1540	7.5	44	24.2	

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Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013201		0.21	0.05	0.40	2.41	0.6	30	1.99	46.3	9.41	0.04	87.7	3.0	51	3.01	156.5
Q013202		0.15	0.14	0.19	4.38	<5	20	2.04	62.2	11.80	0.04	10.35	18.8	58	2.10	299
Q013203		0.05	0.03	0.40	1.61	13.3	150	1.19	43.0	2.22	0.02	14.75	3.3	90	4.50	170.0
Q013204		0.10	0.01	0.42	1.48	8	30	1.35	5.73	14.55	0.03	166.5	3.7	174	0.32	244
Q013205		0.14	1.77	0.77	0.68	1.8	140	1.20	1225	0.62	<0.02	3.52	3.1	24	6.09	238
Q013206		0.16	0.02	0.53	0.88	2.1	30	2.11	11.75	3.83	0.02	29.4	2.4	64	0.45	1020
Q013207		0.30	0.04	0.45	0.79	3.1	40	1.36	26.3	1.72	<0.02	25.1	1.5	96	2.40	142.5
Q013208		0.13	0.02	0.45	1.85	0.7	20	5.22	13.65	5.06	<0.02	359	3.7	231	1.93	493
Q013209		0.12	0.29	0.92	2.96	2.2	320	2.05	230	1.89	<0.02	193.0	2.6	174	38.8	318
Q013210		0.32	0.01	0.22	2.46	1.0	30	1.75	7.95	3.80	<0.02	32.4	1.9	126	0.46	259
Q013211		0.07	0.01	0.51	0.74	8	50	0.45	17.45	13.90	<0.02	141.5	1.8	314	0.85	48.0
Q013212		0.26	0.08	0.48	3.46	1.3	430	1.64	66.0	0.06	<0.02	13.15	2.2	138	31.8	360
Q013213		0.10	0.06	0.35	3.69	<0.2	70	2.54	46.1	5.97	<0.02	33.6	2.6	491	1.79	64.3
Q013214		0.08	0.10	0.99	1.26	860	60	0.54	11.10	0.18	0.82	3.93	0.6	73	1.31	25.9
Q013215		0.03	0.05	2.31	2.36	638	90	1.73	256	1.27	1.35	12.35	1.5	53	0.32	684
Q013216		0.11	0.01	0.15	0.69	44.1	30	0.79	6.44	9.56	11.10	4.42	5.4	17	0.41	169.5
Q013217		0.02	0.07	0.57	2.98	1070	70	0.97	5.11	0.42	3.42	3.22	1.3	72	0.37	31.7
Q013218		0.28	0.05	0.81	1.04	263	40	0.97	22.9	0.89	5.51	6.29	10.9	32	0.68	552
Q013219		0.08	0.03	0.33	3.32	778	620	2.70	2.59	1.48	67.3	24.4	4.0	51	3.83	450
Q013220		0.08	0.26	0.90	3.87	1970	230	1.94	5.00	0.50	9.6	25.0	7.7	37	1.45	311
Q013221		0.19	0.14	3.57	4.12	1190	860	2.52	4.39	0.33	12.45	20.2	3.1	118	7.36	950
Q013222		0.46	0.05	1.28	0.30	524	2530	0.15	20.0	0.02	0.47	0.89	4.3	14	0.16	150.5
Q013223		0.13	0.24	2.13	1.82	1350	560	0.49	1075	0.07	<0.02	3.39	4.0	32	0.15	148.0
Q013224		0.25	0.01	0.17	0.02	120.0	3930	<0.05	90.3	0.01	0.06	2.11	0.4	13	0.41	13.2
Q013225		0.16	0.04	0.65	0.52	388	1450	0.25	239	0.02	0.03	6.02	1.4	24	0.53	45.5
Q013226		0.04	0.01	0.54	1.99	194.5	620	1.93	1.29	1.72	17.65	55.5	10.6	42	2.27	414
Q013227		0.24	<0.01	0.95	0.81	24	440	0.64	0.64	10.90	17.70	19.40	3.9	19	0.57	239
Q013228		0.07	0.01	0.26	2.91	61.1	1330	1.85	3.20	0.25	3.14	37.5	10.4	73	2.10	45.8
Q013229		0.19	0.01	1.82	1.18	204	240	0.61	0.66	6.47	4.30	58.3	7.8	18	0.96	209
Q013230		0.12	0.01	2.57	1.05	324	360	0.75	0.78	0.56	2.91	43.4	10.9	17	1.41	291

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Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013201		11.10	13.50	0.39	0.8	<0.01	0.241	0.11	60.2	1.9	0.91	1200	121.5	0.52	8.6	13.0
Q013202		8.84	27.6	0.19	1.6	<0.01	0.602	0.13	5.2	9.3	4.28	2430	22.2	0.08	5.8	31.3
Q013203		30.6	13.10	0.63	0.6	<0.1	0.167	0.36	9.6	4.6	1.07	493	39.9	0.30	3.5	7.1
Q013204		10.10	8.61	0.40	0.3	0.01	0.169	0.07	110.5	1.5	0.90	708	40.9	0.33	3.3	5.8
Q013205		30.4	5.59	0.52	0.4	<1	0.082	0.57	2.1	13.2	1.20	446	1.78	0.03	1.0	3.0
Q013206		16.50	9.50	0.60	0.6	<0.01	0.250	0.09	21.7	3.9	1.48	1130	12.30	0.16	3.4	3.1
Q013207		30.2	8.46	0.75	0.5	<0.01	0.161	0.23	22.3	4.3	0.71	443	104.0	0.20	4.1	2.7
Q013208		15.50	19.45	0.64	0.4	<0.01	0.473	0.14	223	5.1	2.43	1440	56.8	0.57	2.4	3.7
Q013209		10.45	29.2	0.38	0.7	<0.1	0.165	2.24	126.0	70.6	1.20	383	59.4	0.46	7.5	5.2
Q013210		6.30	14.25	0.23	0.5	0.01	0.191	0.09	23.9	6.1	0.94	704	60.2	0.48	3.9	2.2
Q013211		10.20	10.75	0.76	0.1	<0.1	0.237	0.15	90.0	2.8	1.34	711	67.3	0.13	4.0	7.2
Q013212		35.3	25.6	2.03	0.7	0.01	0.195	2.57	10.9	55.5	0.94	244	121.5	0.05	7.2	4.0
Q013213		10.10	22.8	0.34	1.4	<0.01	0.298	0.23	22.7	3.0	1.72	943	151.5	1.10	12.8	6.0
Q013214		8.88	7.76	0.32	0.3	0.04	0.015	0.20	2.7	5.0	0.39	124	228	0.12	1.7	19.7
Q013215		20.2	8.98	0.54	0.6	2.59	0.661	0.05	8.0	5.8	0.98	172	253	0.19	1.1	81.8
Q013216		5.81	3.34	0.19	0.2	0.09	0.106	0.05	2.4	3.6	5.62	2190	41.2	0.06	0.5	170.5
Q013217		9.38	16.55	0.31	0.3	0.07	0.206	0.12	1.9	4.2	0.98	350	163.0	0.27	1.9	50.4
Q013218		20.0	4.09	0.56	0.5	0.15	0.403	0.13	3.3	2.5	0.70	551	129.5	0.06	1.1	406
Q013219		15.45	11.70	0.39	0.7	0.80	0.298	1.04	17.5	10.4	1.06	388	141.0	0.10	2.0	605
Q013220		24.8	15.50	0.59	0.7	2.43	0.545	0.29	23.5	5.7	1.15	356	475	0.31	1.7	494
Q013221		20.9	15.20	0.48	1.1	3.21	1.390	1.70	14.3	10.3	0.37	194	243	0.08	3.6	490
Q013222		25.3	1.17	3.17	0.7	<0.1	0.018	0.01	0.6	1.2	0.07	117	96.5	0.03	1.1	60.0
Q013223		18.75	6.29	3.11	0.7	<0.1	0.020	0.04	2.1	1.6	0.58	156	370	0.16	1.6	57.7
Q013224		1.83	0.22	0.23	0.1	0.01	<0.005	0.01	1.7	2.2	<0.01	59	22.6	<0.01	0.1	5.8
Q013225		6.66	1.97	0.99	0.4	<0.01	0.012	0.20	4.0	2.2	0.09	132	131.0	0.03	0.8	18.3
Q013226		11.35	5.58	0.33	0.9	0.14	0.295	0.88	39.4	5.7	0.91	361	160.5	0.03	4.1	304
Q013227		2.86	2.41	0.13	0.3	0.07	0.108	0.41	13.3	2.7	0.63	270	34.0	0.01	1.5	90.7
Q013228		9.50	9.70	0.31	1.2	0.04	0.035	1.51	24.9	11.7	0.25	352	94.2	0.04	5.8	249
Q013229		15.40	3.88	0.57	0.8	0.14	0.108	0.63	37.5	4.5	0.15	113	167.5	0.02	2.5	207
Q013230		26.6	3.31	0.61	0.9	0.14	0.142	0.56	27.7	3.8	0.23	178	164.0	0.01	2.4	357

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013201		2280	4.3	19.6	0.089	5.27	0.10	6.1	54	6.1	148.5	0.40	1.39	5.2	0.220	0.27
Q013202		220	7.6	25.5	0.103	2.16	0.66	7.6	14	12.5	214	0.39	1.16	2.2	0.155	0.17
Q013203		>10000	6.1	59.6	0.022	1.64	0.28	8.7	64	5.2	47.0	0.20	1.03	3.7	0.100	0.52
Q013204		>10000	2.7	4.6	0.045	0.35	0.10	4.0	53	4.2	110.0	0.21	0.21	4.8	0.101	0.11
Q013205		220	2.4	103.0	0.006	2.35	0.12	1.6	43	1.2	1.9	0.10	18.70	0.4	0.015	0.50
Q013206		440	2.1	14.5	0.047	0.98	0.12	7.0	98	5.0	21.9	0.12	0.42	1.1	0.121	0.51
Q013207		5890	3.4	37.7	0.040	2.17	0.15	4.1	45	6.6	74.4	0.27	0.70	2.2	0.117	0.50
Q013208		1150	1.7	26.2	0.048	1.20	0.20	12.4	68	8.4	56.9	0.14	0.38	6.3	0.061	0.52
Q013209		8820	3.8	610	0.031	0.96	0.11	6.9	26	11.3	30.9	0.46	5.05	3.7	0.214	4.44
Q013210		6230	1.9	11.4	0.083	0.85	0.47	3.9	27	6.8	125.5	0.26	0.19	2.7	0.127	0.14
Q013211		>10000	4.6	27.6	0.023	0.39	0.11	7.6	135	6.9	127.0	0.09	0.70	7.8	0.127	0.38
Q013212		1880	7.8	490	0.121	1.09	0.09	4.8	29	19.4	12.5	0.43	0.91	2.9	0.232	3.24
Q013213		>10000	4.4	23.7	0.086	0.59	0.14	11.7	37	17.9	170.0	0.81	0.93	4.9	0.410	0.20
Q013214		640	4.5	18.8	0.007	0.29	12.25	2.9	44	14.0	18.3	0.09	0.22	0.5	0.045	0.38
Q013215		6830	8.0	4.4	0.002	0.11	438	2.8	50	20.4	103.0	0.05	0.69	2.0	0.030	57.3
Q013216		900	2.3	4.9	0.002	0.03	14.80	2.1	12	6.4	150.5	<0.05	0.06	0.6	0.018	1.43
Q013217		700	9.8	5.0	0.002	0.12	10.45	6.4	38	34.6	45.4	0.10	0.21	0.4	0.060	0.50
Q013218		1960	10.0	11.0	0.002	0.04	30.0	3.5	57	8.6	40.1	0.07	0.86	1.6	0.033	2.29
Q013219		4450	8.4	74.9	0.002	0.08	160.0	4.0	12	21.0	299	0.10	0.07	2.3	0.060	25.3
Q013220		3810	11.4	17.4	0.003	0.11	260	4.2	39	43.8	158.0	0.08	0.26	7.4	0.051	40.4
Q013221		7310	14.2	119.5	0.003	0.13	289	6.9	22	267	166.0	0.21	0.14	4.7	0.085	47.2
Q013222		2190	8.1	0.7	0.006	0.25	37.7	0.7	829	5.9	11.1	<0.05	3.41	0.7	0.008	0.32
Q013223		2040	16.7	1.1	0.059	0.40	112.5	2.8	784	71.6	109.5	0.07	8.29	1.4	0.044	4.33
Q013224		210	5.0	0.6	<0.002	0.15	3.92	0.1	48	2.8	67.8	<0.05	0.33	0.2	<0.005	0.84
Q013225		900	14.5	7.6	0.009	0.27	20.3	1.1	239	8.9	100.5	<0.05	1.73	2.4	0.022	5.11
Q013226		730	15.6	40.4	0.002	0.27	21.1	3.1	21	2.8	36.4	0.24	0.10	3.4	0.082	1.74
Q013227		190	6.3	18.8	<0.002	0.11	26.2	1.4	7	1.4	237	0.08	<0.05	1.1	0.029	0.68
Q013228		500	9.6	60.1	0.003	0.06	6.68	4.7	19	1.8	12.5	0.31	0.10	5.2	0.133	2.09
Q013229		250	58.3	26.9	0.015	5.46	120.5	1.6	72	0.9	91.3	0.24	0.61	3.8	0.045	1.59
Q013230		520	100.5	22.8	0.009	0.42	134.0	1.4	36	0.9	14.5	0.21	0.86	3.1	0.041	1.44

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-XRF05 W ppm 10
Q013201		4.0	253	438	19.3	33	22.5	
Q013202		4.7	443	175.0	14.7	79	54.4	
Q013203		4.0	764	1220	13.2	25	20.9	
Q013204		16.9	563	336	102.0	31	8.0	
Q013205		1.1	245	7.9	5.2	24	18.8	
Q013206		2.7	498	2940	14.1	40	19.6	
Q013207		4.3	1150	1350	12.0	22	19.3	
Q013208		12.2	1440	2360	20.5	64	11.2	
Q013209		3.0	992	1710	22.3	50	30.2	
Q013210		7.0	1100	590	21.0	29	19.1	
Q013211		21.4	1340	970	121.5	39	1.9	
Q013212		1.0	571	43.7	2.4	38	25.1	
Q013213		8.2	1720	80.3	45.8	51	52.9	
Q013214		5.6	1280	14.6	3.2	87	19.2	
Q013215		20.5	2700	50.2	10.6	826	79.9	
Q013216		5.6	955	6.6	20.7	1020	18.3	
Q013217		6.3	2230	7.0	7.7	227	27.4	
Q013218		19.5	1640	13.7	19.2	1960	44.9	
Q013219		25.1	3540	5.7	20.7	3230	54.3	
Q013220		24.0	2250	6.2	20.3	2310	54.8	
Q013221		31.4	2870	6.0	10.6	1140	67.2	
Q013222		3.2	170	38.6	2.5	586	84.9	
Q013223		15.0	934	13.7	4.2	795	67.4	
Q013224		2.2	13	1.5	1.1	33	7.3	
Q013225		4.7	263	5.2	4.2	135	33.5	
Q013226		15.0	307	3.6	53.9	2380	40.0	
Q013227		3.2	99	0.9	29.7	1140	15.1	
Q013228		6.9	618	2.1	20.5	1220	51.7	
Q013229		5.6	254	1.1	10.1	1260	40.4	
Q013230		5.5	254	1.6	9.1	2050	65.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAV

Finalized Date: 14-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13137046

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
Applies to Method: ME-MS61

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA26	Hg-CV41	ME-MS61	ME-XRF05

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

CERTIFICATE WH13151549

Project: RAV

P.O. No.: R13-R1

This report is for 1 Rock sample submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
W-XRF10	Fusion XRF - W Ore Grade	XRF

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13151549

Sample Description	Method / Analyte / Units / LOR	W-XRF10 / W / % / 0.01
L840776		1.90

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13151549

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	FND- 02	ME- XRF10	OA- GRA06	W- XRF10

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUN-2013
Account: RCM

CERTIFICATE WH13102984

Project: Nadaleen
P.O. No.: Sunrise
This report is for 2 Rock samples submitted to our lab in Whitehorse, YT, Canada on 10-JUN-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102984

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N830801		0.69	<0.01	0.03	0.63	10	1030	0.29	0.02	31.5	0.23	10.80	1.2	11	1.34	4.5
N830802		0.78	<0.01	0.05	0.39	<5	80	0.21	0.01	34.3	3.64	6.84	1.0	7	0.51	12.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Finalized Date: 16-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102984

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N830801		0.39	1.60	0.08	0.4	0.1	0.008	0.27	6.6	5.6	0.78	150	0.22	0.05	1.0	2.1
N830802		0.24	1.02	0.09	0.3	<0.1	<0.005	0.12	4.1	10.0	0.64	257	0.44	0.01	0.6	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102984

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N830801		180	3.6	10.1	<0.002	0.04	0.19	1.1	1	0.2	861	0.07	<0.05	1.3	0.031	0.08
N830802		190	21.5	5.6	<0.002	0.03	0.26	0.7	1	0.2	1015	0.05	<0.05	0.9	0.019	0.08

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 16-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102984

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N830801		3.2	12	0.1	3.8	17	12.2
N830802		6.7	16	0.1	2.8	154	9.1

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 16-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102984

CERTIFICATE COMMENTS

Applies to Method:

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE WH13145823

Project: RAU

P.O. No.: S13-R2

This report is for 219 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method / Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86701	0.21	0.010	0.41	1.40	32.4	<0.2	<10	570	0.66	0.76	1.37	0.88	26.4	13.2	31
ZZ86702	0.14	0.009	0.36	1.22	36.2	<0.2	<10	980	0.50	1.48	3.10	0.39	14.55	8.6	25
ZZ86703	0.43	0.012	0.26	2.26	26.7	<0.2	<10	500	0.83	0.82	0.53	0.81	30.4	12.7	53
ZZ86704	0.33	0.006	0.25	1.61	22.6	<0.2	<10	390	0.62	0.91	0.73	0.42	23.6	10.5	35
ZZ86705	0.43	0.011	0.26	1.09	41.0	<0.2	<10	260	0.47	2.13	3.88	0.51	19.35	10.1	25
ZZ86706	0.43	0.015	0.24	0.88	87.0	<0.2	<10	440	0.42	1.69	5.17	1.04	21.2	11.0	20
ZZ86707	0.28	0.017	0.22	0.87	37.7	<0.2	<10	610	0.37	1.52	3.25	0.71	16.75	8.5	20
ZZ86708	0.40	0.006	0.24	1.27	27.1	<0.2	<10	480	0.70	1.14	3.62	0.71	22.3	11.9	25
ZZ86709	0.22	0.014	0.23	1.12	24.9	<0.2	<10	500	0.62	0.93	1.99	0.66	18.55	11.2	22
ZZ86710	0.31	0.005	0.30	1.53	17.2	<0.2	<10	410	0.87	0.47	3.64	0.85	22.4	13.8	27
ZZ86711	0.23	0.003	0.30	1.37	14.6	<0.2	<10	430	0.80	0.39	1.73	0.85	16.40	13.0	24
ZZ86712	0.40	0.052	0.25	1.01	51	<0.2	<10	340	0.31	4.60	12.05	1.10	15.80	11.8	35
ZZ86713	0.20	0.030	0.33	1.12	255	<0.2	<10	500	0.36	3.50	7.32	1.41	15.90	12.3	33
ZZ86714	0.33	0.021	0.22	0.92	180	<0.2	<10	400	0.30	3.52	10.50	0.90	16.55	10.6	28
ZZ86715	0.19	0.005	0.25	1.12	22.3	<0.2	<10	560	0.56	0.61	2.53	0.68	14.45	9.5	20
ZZ86716	0.38	0.008	0.30	1.26	34.8	<0.2	<10	380	0.57	1.18	4.28	0.95	24.4	12.9	25
ZZ86717	0.41	0.007	0.24	1.00	29.2	<0.2	<10	410	0.46	0.92	4.48	0.83	22.0	11.0	20
ZZ86718	0.28	0.020	0.25	1.42	79.9	<0.2	<10	340	0.49	2.94	3.53	0.80	21.7	11.3	32
ZZ86719	0.30	0.008	0.37	1.50	47.7	<0.2	<10	580	0.55	7.23	5.56	1.36	17.40	12.3	40
ZZ86720	0.36	0.018	0.17	0.73	36.7	<0.2	<10	270	0.32	1.57	4.99	0.77	19.20	9.4	17
ZZ86721	0.27	0.015	0.26	1.22	66.8	<0.2	<10	230	0.47	3.32	2.85	0.56	22.9	11.2	34
ZZ86722	0.31	0.010	0.29	1.30	53.4	<0.2	<10	540	0.54	2.03	4.47	1.28	18.35	10.6	31
ZZ86754	0.19	0.008	0.28	1.08	30.7	<0.2	<10	1800	0.43	1.11	2.05	1.19	19.70	6.8	25
ZZ86755	0.16	0.030	0.42	1.10	28.3	<0.2	<10	1690	0.41	1.03	2.43	2.79	16.75	11.2	25
ZZ86756	0.23	0.007	0.32	0.93	25.2	<0.2	<10	800	0.36	0.85	3.31	1.69	14.25	8.7	23
ZZ86757	0.52	0.008	0.45	1.29	42.3	<0.2	<10	700	0.50	1.26	4.48	2.92	22.5	14.0	35
ZZ86758	0.54	0.010	0.50	1.57	44.1	<0.2	<10	680	0.64	1.30	0.91	1.68	29.3	15.1	37
ZZ86759	0.23	0.005	0.39	1.20	32.3	<0.2	<10	1580	0.44	1.25	1.90	2.11	20.1	10.0	30
ZZ86760	0.29	0.009	0.27	1.02	29.5	<0.2	<10	1300	0.39	1.12	2.36	1.62	20.1	10.1	25
ZZ86761	0.38	0.038	0.32	1.03	27.8	<0.2	<10	1470	0.39	1.25	2.45	1.65	18.55	7.5	25
ZZ86762	0.12	0.006	0.39	1.18	22.6	<0.2	<10	1170	0.49	1.58	2.42	2.49	17.35	9.4	28
ZZ86763	0.44	0.004	0.39	1.19	36.4	<0.2	<10	1680	0.46	1.53	2.89	2.45	20.5	12.1	30
ZZ86764	0.15	0.005	0.29	1.13	22.0	<0.2	<10	630	0.41	1.87	1.93	1.93	18.35	9.3	25
ZZ86765	0.12	0.004	0.35	1.28	42.5	<0.2	<10	770	0.50	1.91	2.53	2.14	18.15	12.7	28
ZZ86766	0.24	0.009	0.35	1.11	27.6	<0.2	<10	1760	0.46	1.27	2.66	3.06	17.55	9.8	26
ZZ86767	0.26	0.005	0.38	1.13	23.4	<0.2	<10	1360	0.48	1.05	2.80	2.49	17.70	10.2	30
ZZ86768	0.35	0.006	0.32	1.05	24.6	<0.2	<10	1360	0.41	1.19	2.66	1.89	17.45	9.2	24
ZZ86769	0.40	0.008	0.42	1.09	31.2	<0.2	<10	1370	0.42	1.08	2.30	2.84	19.35	10.6	28
ZZ86770	0.17	0.005	0.27	0.90	17.4	<0.2	<10	980	0.35	0.80	1.77	1.33	13.60	5.9	22
ZZ86811	0.24	0.010	0.37	1.15	21.3	<0.2	<10	1610	0.49	1.11	2.30	2.66	18.80	10.9	26

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86701		0.93	48.2	3.09	4.29	0.05	0.07	0.07	0.035	0.09	13.7	15.9	0.64	863	2.49	0.02
ZZ86702		0.99	29.4	2.19	3.66	<0.05	0.05	0.08	0.026	0.04	7.8	10.7	0.61	828	1.01	0.02
ZZ86703		2.28	49.4	3.59	6.26	0.07	0.05	0.08	0.043	0.08	16.7	19.9	1.22	632	3.00	0.03
ZZ86704		1.45	18.9	2.90	5.12	<0.05	0.02	0.04	0.033	0.05	12.9	17.2	0.72	358	1.69	0.02
ZZ86705		1.24	29.4	2.76	3.40	0.05	0.03	0.05	0.033	0.04	11.0	10.9	2.41	323	1.73	0.02
ZZ86706		1.28	30.6	2.51	2.92	0.05	0.10	0.05	0.026	0.08	11.3	10.5	2.26	682	2.79	0.02
ZZ86707		0.63	23.6	2.12	2.62	<0.05	0.03	0.05	0.024	0.04	8.9	9.3	1.46	634	1.52	0.02
ZZ86708		1.21	37.3	2.90	3.95	<0.05	0.08	0.07	0.030	0.10	11.3	18.1	1.53	421	1.74	0.02
ZZ86709		0.84	32.8	2.53	3.48	<0.05	0.07	0.09	0.025	0.08	9.6	15.0	0.87	496	1.22	0.01
ZZ86710		1.65	52.9	3.50	4.50	<0.05	0.12	0.14	0.030	0.17	11.3	24.6	1.28	591	1.68	0.01
ZZ86711		0.95	53.0	2.99	4.04	<0.05	0.11	0.11	0.028	0.13	8.2	19.3	0.61	726	1.37	0.01
ZZ86712		1.52	23.9	2.40	3.30	<0.05	0.03	0.02	0.029	0.07	8.3	9.8	3.54	373	1.25	0.02
ZZ86713		2.06	31.4	2.76	3.51	0.05	0.03	0.04	0.032	0.07	8.3	10.5	2.83	556	1.53	0.02
ZZ86714		1.43	21.7	2.50	2.96	0.05	0.02	0.03	0.031	0.06	8.7	9.4	3.96	506	1.47	0.02
ZZ86715		0.78	41.8	2.56	3.16	<0.05	0.06	0.09	0.025	0.09	7.5	13.9	0.57	733	1.45	0.01
ZZ86716		1.46	47.2	3.15	3.82	0.05	0.07	0.09	0.032	0.12	12.5	17.5	1.72	635	2.20	0.02
ZZ86717		1.34	38.2	2.64	3.14	0.06	0.09	0.07	0.028	0.11	11.3	13.4	1.68	504	2.07	0.02
ZZ86718		1.56	23.2	3.08	4.71	0.05	0.03	0.05	0.042	0.07	12.0	13.3	1.77	676	2.12	0.02
ZZ86719		2.57	32.0	2.84	4.77	0.05	0.03	0.05	0.030	0.08	9.5	13.8	2.66	689	1.64	0.04
ZZ86720		0.91	24.6	2.12	2.38	0.05	0.07	0.03	0.021	0.05	10.1	8.6	2.49	413	1.58	0.02
ZZ86721		1.65	21.0	3.19	3.94	0.06	0.03	0.02	0.035	0.06	12.0	12.3	2.05	669	2.26	0.03
ZZ86722		1.54	24.2	2.72	4.16	<0.05	0.03	0.07	0.033	0.05	10.3	13.5	2.19	751	1.63	0.02
ZZ86754		1.29	30.9	2.32	3.30	0.05	0.05	0.07	0.035	0.09	10.6	9.2	0.93	791	3.75	0.01
ZZ86755		1.26	35.3	2.42	3.23	<0.05	0.04	0.08	0.034	0.10	8.9	9.2	0.92	1200	4.64	0.01
ZZ86756		1.06	33.0	2.08	2.76	<0.05	0.04	0.07	0.026	0.08	7.2	8.8	0.89	529	3.65	0.02
ZZ86757		2.61	66.4	3.42	3.85	0.06	0.12	0.08	0.041	0.23	12.4	11.8	2.08	493	7.95	0.02
ZZ86758		1.55	64.6	3.63	4.41	0.06	0.06	0.10	0.041	0.16	16.3	13.9	0.88	643	6.15	0.02
ZZ86759		1.55	41.0	2.71	3.66	0.05	0.07	0.09	0.035	0.12	11.0	10.4	0.99	191	4.83	0.01
ZZ86760		1.20	30.5	2.64	3.09	0.05	0.06	0.05	0.032	0.09	11.3	9.3	1.33	425	4.12	0.02
ZZ86761		1.32	33.9	2.32	3.19	0.05	0.05	0.08	0.030	0.08	10.3	9.3	1.33	185	3.77	0.01
ZZ86762		1.47	36.9	2.44	3.55	<0.05	0.05	0.10	0.036	0.09	9.6	10.4	1.04	411	2.62	0.02
ZZ86763		2.06	41.4	3.04	3.68	0.05	0.06	0.09	0.033	0.12	11.1	10.4	1.77	306	5.98	0.02
ZZ86764		1.48	29.0	2.46	3.33	<0.05	0.04	0.07	0.030	0.07	9.9	10.1	0.81	271	1.98	0.02
ZZ86765		1.87	31.5	3.07	3.91	<0.05	0.03	0.08	0.032	0.08	9.7	11.1	0.88	2000	4.94	0.02
ZZ86766		1.34	36.6	2.57	3.24	0.05	0.05	0.09	0.034	0.10	9.6	9.2	1.19	1390	5.95	0.01
ZZ86767		1.45	41.0	2.42	3.42	0.05	0.05	0.10	0.034	0.10	10.0	9.7	1.27	529	3.89	0.03
ZZ86768		1.25	36.7	2.27	3.10	0.05	0.05	0.08	0.031	0.10	9.5	8.8	1.32	334	4.71	0.02
ZZ86769		1.41	47.1	2.59	3.24	0.06	0.06	0.09	0.031	0.12	10.9	8.9	1.40	324	7.48	0.01
ZZ86770		0.90	27.1	1.81	2.70	<0.05	0.06	0.08	0.023	0.08	7.1	6.6	0.43	204	2.49	0.02
ZZ86811		1.70	40.6	2.20	3.57	0.05	0.05	0.09	0.037	0.11	10.2	10.2	1.22	483	3.49	0.01

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VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86701		1.04	42.6	940	19.0	10.4	0.001	0.04	1.48	3.8	1.8	0.6	32.7	<0.01	0.05	2.7
ZZ86702		1.04	23.9	1020	17.7	6.4	0.001	0.10	1.12	2.5	1.6	0.5	49.5	<0.01	0.03	0.8
ZZ86703		2.23	58.2	1140	17.3	12.5	<0.001	0.01	1.14	7.9	1.6	0.9	20.4	<0.01	0.04	4.8
ZZ86704		1.31	33.0	1040	16.8	10.2	<0.001	0.02	0.72	3.9	0.9	0.6	22.9	<0.01	0.04	2.2
ZZ86705		1.02	31.8	1010	19.8	6.8	<0.001	0.01	1.07	3.5	0.7	0.5	35.0	<0.01	0.03	2.1
ZZ86706		0.50	32.8	900	20.6	8.9	0.001	0.01	1.39	3.5	0.7	0.7	62.3	<0.01	0.04	3.4
ZZ86707		0.78	25.7	1010	16.5	5.0	0.001	0.05	1.08	2.1	1.5	0.4	40.8	<0.01	0.03	1.0
ZZ86708		0.78	33.4	790	20.7	8.6	0.001	0.01	1.08	4.1	0.9	0.5	56.1	<0.01	0.03	3.6
ZZ86709		0.72	31.0	810	18.1	7.6	0.001	0.04	1.04	3.1	1.1	0.4	34.3	<0.01	0.03	2.1
ZZ86710		0.50	43.2	630	23.9	9.9	0.003	0.01	1.20	4.8	1.3	0.4	68.9	<0.01	0.05	4.2
ZZ86711		0.49	39.7	680	18.4	8.9	0.001	0.05	1.26	3.5	1.2	0.4	40.4	<0.01	0.04	2.1
ZZ86712		1.24	41.1	830	29.8	8.8	0.001	0.08	0.91	3.0	1.0	0.6	122.5	<0.01	0.03	1.5
ZZ86713		1.07	38.9	960	26.4	9.6	0.001	0.06	1.14	2.7	1.3	0.6	85.3	<0.01	0.04	0.9
ZZ86714		1.03	33.4	860	25.7	8.5	0.001	0.02	0.98	2.6	0.9	0.6	94.8	<0.01	0.03	1.5
ZZ86715		0.56	31.2	830	15.9	8.6	0.002	0.09	1.34	2.2	1.1	0.4	51.6	<0.01	0.05	0.9
ZZ86716		0.83	39.9	930	20.9	10.5	0.001	0.01	1.44	4.1	0.9	0.5	64.7	<0.01	0.04	3.7
ZZ86717		0.76	34.1	840	18.4	9.5	0.001	0.01	1.30	3.5	0.8	0.4	67.4	<0.01	0.03	3.5
ZZ86718		1.54	32.2	1120	40.9	9.2	<0.001	0.02	1.20	4.2	0.9	0.7	47.6	<0.01	0.03	2.2
ZZ86719		1.92	35.9	1330	22.2	12.8	0.001	0.04	1.10	4.0	1.3	0.7	69.3	<0.01	0.04	1.3
ZZ86720		0.76	26.2	890	17.6	6.7	0.001	<0.01	1.07	2.8	0.6	0.4	55.6	<0.01	0.02	2.8
ZZ86721		1.60	31.7	1360	26.5	7.3	0.001	0.01	1.30	3.5	1.1	0.6	31.9	<0.01	0.04	2.8
ZZ86722		1.73	30.1	1020	22.7	12.1	0.001	0.06	1.02	3.2	1.2	0.5	47.1	<0.01	0.03	0.9
ZZ86754		0.88	34.5	1090	19.6	11.5	0.007	0.09	1.64	2.3	2.3	0.8	44.1	<0.01	0.04	1.5
ZZ86755		0.77	47.1	1050	19.2	11.6	0.004	0.10	2.13	1.9	3.4	0.8	49.2	<0.01	0.05	0.8
ZZ86756		0.77	37.8	990	13.4	9.3	0.005	0.10	1.74	1.8	3.4	0.6	84.6	<0.01	0.05	0.7
ZZ86757		0.63	76.5	1380	19.3	22.9	0.001	0.02	3.26	3.8	2.2	0.8	79.8	<0.01	0.07	4.0
ZZ86758		0.84	74.0	1330	19.5	13.6	0.001	0.01	2.59	4.3	1.7	0.8	27.1	<0.01	0.07	3.6
ZZ86759		1.08	50.7	1190	20.2	12.6	0.005	0.10	2.51	2.8	2.6	5.6	42.3	<0.01	0.08	2.2
ZZ86760		0.95	44.7	1220	16.7	9.1	0.004	0.07	1.86	2.4	2.0	0.7	42.7	<0.01	0.05	2.2
ZZ86761		0.87	39.6	1090	17.7	11.1	0.004	0.08	1.63	2.3	2.3	0.7	43.8	<0.01	0.05	1.6
ZZ86762		0.95	40.1	1030	24.0	13.5	0.008	0.13	1.46	2.3	2.3	0.9	41.3	<0.01	0.05	1.0
ZZ86763		1.12	52.1	1220	22.9	13.6	0.003	0.08	2.02	3.0	2.9	0.8	48.6	<0.01	0.07	2.4
ZZ86764		0.97	34.1	910	22.0	11.2	0.006	0.14	1.14	2.4	1.7	0.7	36.8	<0.01	0.04	1.5
ZZ86765		0.92	45.6	1080	24.1	11.9	0.005	0.13	1.46	2.2	2.1	0.8	45.5	<0.01	0.05	0.8
ZZ86766		0.83	47.3	1060	20.5	11.7	0.003	0.10	2.07	2.2	2.5	0.8	46.2	<0.01	0.05	1.3
ZZ86767		0.91	48.8	1100	19.7	11.5	0.001	0.08	1.85	2.4	1.8	0.7	47.3	<0.01	0.04	1.2
ZZ86768		0.91	44.4	1090	18.8	10.8	0.006	0.09	2.00	2.3	2.7	0.8	57.0	<0.01	0.04	1.4
ZZ86769		0.98	54.7	1250	20.0	10.9	0.002	0.04	2.86	2.7	3.2	0.8	42.4	<0.01	0.06	2.3
ZZ86770		0.75	27.7	1030	15.5	8.3	0.008	0.12	1.84	1.8	3.5	0.8	39.7	<0.01	0.03	1.0
ZZ86811		0.93	51.3	1030	22.2	12.5	0.006	0.10	2.16	2.6	3.8	0.9	49.2	<0.01	0.06	1.8

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ86701		0.027	0.13	1.34	47	0.98	9.66	126	2.3
ZZ86702		0.025	0.11	3.19	38	0.64	6.99	85	1.9
ZZ86703		0.072	0.26	1.26	79	0.98	18.85	125	2.5
ZZ86704		0.039	0.16	0.94	56	2.33	8.09	141	0.8
ZZ86705		0.034	0.13	0.73	39	2.35	10.40	128	1.3
ZZ86706		0.035	0.18	0.70	33	3.03	8.28	129	5.1
ZZ86707		0.024	0.10	1.03	33	1.64	6.83	129	1.2
ZZ86708		0.021	0.13	0.67	38	0.74	8.62	134	3.2
ZZ86709		0.016	0.10	0.74	34	0.50	7.40	126	2.5
ZZ86710		0.012	0.17	0.98	40	0.13	8.90	155	5.2
ZZ86711		0.007	0.14	1.84	34	0.12	7.74	138	3.8
ZZ86712		0.060	0.16	1.04	32	1.88	7.35	315	1.1
ZZ86713		0.048	0.22	2.94	35	1.11	7.46	336	1.1
ZZ86714		0.047	0.17	0.90	30	3.17	7.00	262	1.0
ZZ86715		0.011	0.12	2.67	31	0.25	6.67	137	2.1
ZZ86716		0.026	0.20	0.78	40	0.77	9.00	158	3.5
ZZ86717		0.027	0.19	0.74	32	0.77	7.80	127	4.4
ZZ86718		0.048	0.19	0.79	54	3.94	9.97	170	1.1
ZZ86719		0.061	0.20	1.30	55	3.14	10.10	181	1.2
ZZ86720		0.034	0.14	0.57	29	1.07	7.35	110	3.0
ZZ86721		0.056	0.15	3.00	49	5.52	7.51	166	1.4
ZZ86722		0.043	0.15	1.25	46	1.84	9.91	201	1.2
ZZ86754		0.029	0.25	3.52	56	2.95	8.48	198	1.7
ZZ86755		0.026	0.28	3.74	58	1.29	7.73	232	1.5
ZZ86756		0.025	0.17	4.81	40	0.65	6.33	149	1.8
ZZ86757		0.043	0.39	1.34	64	1.03	10.55	284	6.8
ZZ86758		0.038	0.28	1.27	71	0.38	12.20	216	2.8
ZZ86759		0.036	0.32	4.25	76	0.69	8.53	309	2.8
ZZ86760		0.032	0.23	2.50	59	0.67	7.88	232	2.2
ZZ86761		0.031	0.28	2.27	56	3.41	7.92	267	1.8
ZZ86762		0.032	0.41	2.84	58	1.35	8.34	353	1.8
ZZ86763		0.043	0.42	2.44	74	1.90	9.52	378	2.6
ZZ86764		0.032	0.30	4.20	46	3.63	7.15	328	1.8
ZZ86765		0.032	0.48	4.38	51	1.65	8.05	417	1.3
ZZ86766		0.031	0.34	2.17	66	0.62	7.71	309	1.7
ZZ86767		0.032	0.26	2.68	62	0.53	8.91	239	2.1
ZZ86768		0.031	0.27	3.24	62	0.63	7.85	263	1.9
ZZ86769		0.037	0.31	1.68	79	1.54	10.10	259	2.8
ZZ86770		0.022	0.18	4.84	55	0.47	5.90	142	2.3
ZZ86811		0.032	0.34	3.51	65	0.94	8.49	298	2.4

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86812	0.21	0.031	0.28	0.92	24.6	<0.2	<10	1910	0.37	0.87	3.17	2.46	16.60	8.7	21
ZZ86813	0.17	0.007	0.32	1.26	33.6	<0.2	<10	2150	0.47	1.11	1.72	2.39	18.00	11.2	27
ZZ86814	0.38	0.017	0.42	1.28	29.3	<0.2	<10	3300	0.49	1.20	2.20	2.14	20.6	11.0	28
ZZ86815	0.13	0.007	0.35	1.25	17.9	<0.2	<10	1480	0.49	1.18	2.08	1.09	16.00	7.9	27
ZZ86816	0.16	0.006	0.35	1.15	21.2	<0.2	<10	1990	0.45	1.18	1.80	1.58	16.10	7.8	25
ZZ86817	0.13	0.006	0.35	1.13	20.7	<0.2	<10	1870	0.43	1.18	1.92	1.27	17.05	8.9	25
ZZ86818	0.12	0.004	0.33	1.22	27.0	<0.2	<10	1740	0.48	1.15	1.88	1.32	17.15	9.9	26
ZZ86819	0.22	0.010	0.33	1.19	38.8	<0.2	<10	1980	0.48	1.15	2.56	2.16	18.45	10.8	27
ZZ86820	0.31	0.007	0.38	1.13	37.0	<0.2	<10	1800	0.47	1.25	2.64	2.29	18.15	12.0	26
ZZ86821	0.11	0.005	0.21	0.48	12.1	<0.2	<10	1050	0.19	0.39	3.95	2.94	5.72	5.3	11
ZZ86822	0.40	0.012	0.45	1.22	33.8	<0.2	<10	1620	0.45	1.18	1.48	2.46	21.2	12.5	29
ZZ86823	0.36	0.009	0.53	1.39	32.1	<0.2	<10	710	0.58	1.01	1.75	2.23	20.5	13.5	36
ZZ86824	0.20	0.007	0.35	1.13	16.5	<0.2	<10	1570	0.41	1.06	1.35	2.38	18.65	7.8	27
ZZ86825	0.28	0.007	0.38	1.45	37.3	<0.2	<10	380	0.56	1.59	0.82	0.65	25.2	13.0	31
ZZ86826	0.17	0.005	0.40	1.02	28.6	<0.2	<10	670	0.43	0.90	2.65	1.52	15.35	11.3	26
ZZ86827	0.45	0.019	0.38	1.37	34.1	<0.2	<10	560	0.57	1.04	1.65	0.96	23.4	13.6	32
ZZ86828	0.50	0.025	0.38	1.29	41.0	<0.2	<10	430	0.49	2.05	3.57	1.41	22.3	14.0	32
ZZ86829	0.32	0.009	0.38	1.23	35.7	<0.2	<10	490	0.52	1.37	2.73	1.74	21.9	13.9	30
ZZ86830	0.21	0.018	0.30	1.17	22.7	<0.2	<10	510	0.45	1.35	2.57	1.11	19.55	11.2	27
ZZ86831	0.25	0.006	0.31	1.26	36.0	<0.2	<10	600	0.59	1.80	1.93	1.33	22.1	13.0	27
ZZ86832	0.12	0.005	0.27	1.03	29.3	<0.2	<10	430	0.45	1.87	2.81	0.83	19.60	8.0	22
ZZ86833	0.50	0.015	0.30	1.11	55.2	<0.2	<10	470	0.49	2.58	5.75	1.29	22.9	13.4	23
ZZ86834	0.21	0.004	0.28	1.16	38.1	<0.2	<10	600	0.54	1.38	1.99	1.13	18.80	10.0	23
ZZ86835	0.42	0.027	0.25	1.02	217	<0.2	<10	350	0.35	3.81	9.69	1.22	19.80	11.4	33
ZZ86836	0.36	0.054	0.33	1.24	125.5	<0.2	<10	490	0.42	3.33	5.16	1.32	21.1	12.1	34
ZZ86837	0.25	0.031	0.37	1.20	153.0	<0.2	<10	360	0.39	3.75	8.48	1.57	20.6	12.6	37
ZZ86838	0.31	0.034	0.39	1.40	112.0	<0.2	<10	540	0.51	4.28	5.50	1.26	22.9	12.2	38
ZZ86839	0.39	0.052	0.20	1.10	258	<0.2	<10	330	0.32	4.11	12.20	0.96	18.30	12.9	36
ZZ86840	0.14	0.010	0.26	1.35	15.7	<0.2	<10	560	0.53	1.98	1.02	1.98	19.95	7.4	27
ZZ86841	0.21	0.011	0.34	1.32	56.5	<0.2	<10	630	0.64	1.36	2.80	1.35	24.7	14.7	27
ZZ86842	0.34	0.006	0.36	1.43	46.4	<0.2	<10	680	0.64	1.82	2.32	1.17	24.8	14.3	29
ZZ86843	0.49	0.013	0.27	1.18	33.3	<0.2	<10	500	0.61	1.25	5.13	1.14	25.3	13.7	23
ZZ86844	0.43	0.005	0.27	1.42	26.3	<0.2	<10	530	0.69	1.04	4.39	0.93	25.0	13.4	26
ZZ86845	0.25	0.006	0.40	1.45	26.1	<0.2	<10	470	0.65	1.50	1.40	0.78	23.0	10.6	33
ZZ86846	0.44	0.027	0.34	1.23	33.1	<0.2	<10	390	0.51	1.68	4.78	1.26	23.3	12.3	30
ZZ86847	0.30	0.005	0.37	1.41	35.1	<0.2	<10	440	0.62	1.46	1.45	1.10	25.7	13.8	33
ZZ86848	0.42	0.014	0.42	1.42	36.5	<0.2	<10	570	0.60	1.08	2.44	1.14	23.6	13.9	33
ZZ86849	0.43	0.007	0.47	1.48	47.9	<0.2	<10	600	0.60	1.42	4.31	2.19	25.3	16.4	39
ZZ86850	0.35	0.009	0.47	1.65	49.1	<0.2	<10	740	0.57	1.46	3.54	1.97	23.9	17.9	42
ZZ86771	0.55	0.019	0.46	1.56	48.3	<0.2	<10	570	0.58	1.40	4.48	2.77	28.1	16.3	40

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86812		1.26	29.7	2.17	2.61	<0.05	0.04	0.08	0.030	0.09	9.1	7.2	1.59	734	5.58	0.01
ZZ86813		1.37	37.4	2.75	3.44	<0.05	0.05	0.07	0.033	0.11	9.6	9.4	0.68	1210	3.37	0.01
ZZ86814		1.63	34.7	3.01	3.65	0.05	0.06	0.09	0.042	0.14	11.2	9.9	1.44	539	5.73	0.01
ZZ86815		1.24	31.9	2.31	3.43	<0.05	0.05	0.07	0.032	0.10	8.7	9.9	0.69	407	2.18	0.01
ZZ86816		1.20	31.5	2.48	3.07	<0.05	0.06	0.07	0.033	0.11	8.7	8.9	0.59	229	2.47	0.01
ZZ86817		1.18	27.4	2.36	3.16	<0.05	0.05	0.09	0.031	0.10	9.1	9.0	0.68	457	2.57	0.01
ZZ86818		1.24	30.2	2.65	3.39	<0.05	0.05	0.08	0.032	0.10	9.2	9.9	0.68	425	2.75	0.01
ZZ86819		1.56	34.8	2.82	3.32	<0.05	0.05	0.10	0.034	0.11	10.1	9.6	1.49	1020	4.43	0.01
ZZ86820		1.74	37.5	2.69	3.51	<0.05	0.06	0.09	0.039	0.12	10.0	11.7	1.54	814	6.36	0.01
ZZ86821		0.58	29.1	1.13	1.39	<0.05	0.03	0.07	0.015	0.04	3.1	3.7	0.47	549	2.32	0.01
ZZ86822		1.43	50.2	2.92	3.72	0.05	0.06	0.10	0.041	0.11	12.0	12.0	0.92	725	6.69	0.01
ZZ86823		1.33	55.6	3.04	4.07	<0.05	0.07	0.08	0.036	0.13	11.4	15.9	1.04	566	5.14	0.02
ZZ86824		1.37	40.2	1.67	3.43	<0.05	0.06	0.08	0.033	0.10	10.1	10.9	0.65	470	2.34	0.01
ZZ86825		1.01	33.9	3.20	4.19	<0.05	0.05	0.07	0.033	0.08	13.7	14.9	0.65	590	3.49	0.01
ZZ86826		1.10	39.3	2.43	3.04	<0.05	0.05	0.07	0.027	0.07	8.0	11.0	1.00	558	3.46	0.02
ZZ86827		1.15	47.3	3.21	4.12	0.05	0.06	0.09	0.032	0.10	12.7	15.7	1.09	517	3.63	0.02
ZZ86828		1.79	45.8	3.32	3.93	0.05	0.08	0.07	0.040	0.13	12.0	14.2	2.26	562	4.36	0.02
ZZ86829		1.54	50.0	3.06	3.79	0.05	0.07	0.08	0.036	0.13	11.6	13.9	1.67	593	4.30	0.02
ZZ86830		1.28	28.2	2.37	3.60	0.05	0.03	0.06	0.030	0.06	10.7	12.9	1.19	920	2.34	0.02
ZZ86831		1.19	37.5	2.85	3.84	0.05	0.06	0.07	0.037	0.06	11.9	13.7	0.89	468	2.55	0.02
ZZ86832		1.10	26.3	2.39	3.19	0.05	0.05	0.07	0.030	0.08	10.5	11.4	1.25	252	1.90	0.02
ZZ86833		1.58	46.5	3.20	3.34	0.05	0.12	0.07	0.032	0.14	12.4	12.0	2.58	580	3.71	0.02
ZZ86834		0.92	32.1	2.49	3.35	<0.05	0.05	0.08	0.028	0.09	10.0	13.0	0.61	323	1.87	0.01
ZZ86835		1.54	21.5	2.78	3.20	0.05	0.03	0.02	0.039	0.05	10.7	9.7	4.18	358	1.53	0.02
ZZ86836		1.82	28.8	2.99	3.77	0.05	0.04	0.05	0.038	0.06	11.6	11.7	3.01	338	1.85	0.02
ZZ86837		1.71	26.6	2.84	3.59	0.05	0.03	0.03	0.042	0.05	11.5	11.1	3.13	329	1.47	0.02
ZZ86838		2.22	31.3	3.05	4.30	0.05	0.03	0.05	0.041	0.06	12.5	13.3	2.99	397	1.82	0.02
ZZ86839		1.33	21.9	3.18	3.41	0.05	0.03	0.02	0.033	0.05	9.8	10.6	4.06	395	1.87	0.02
ZZ86840		1.36	24.3	2.04	4.17	0.05	0.04	0.10	0.032	0.06	10.7	12.1	0.49	112	0.88	0.02
ZZ86841		1.33	46.4	3.39	3.84	0.05	0.08	0.08	0.035	0.14	13.2	14.6	1.43	751	3.76	0.02
ZZ86842		1.33	43.9	3.13	4.00	0.05	0.07	0.09	0.037	0.12	13.2	16.4	1.22	420	3.27	0.02
ZZ86843		1.54	42.4	3.07	3.43	0.05	0.11	0.09	0.030	0.14	13.2	15.5	2.14	518	2.78	0.02
ZZ86844		1.73	41.7	3.23	4.13	0.05	0.11	0.09	0.034	0.14	13.1	18.6	1.94	527	2.21	0.02
ZZ86845		1.46	39.1	2.60	4.24	0.05	0.06	0.08	0.033	0.08	12.8	14.9	0.80	149	2.32	0.03
ZZ86846		1.82	43.8	2.99	3.54	0.06	0.06	0.07	0.035	0.12	12.8	12.5	2.49	532	3.38	0.02
ZZ86847		1.28	41.7	3.32	4.14	0.05	0.05	0.06	0.037	0.09	13.9	14.7	0.90	344	3.76	0.02
ZZ86848		1.38	49.6	3.23	4.14	0.06	0.05	0.08	0.033	0.09	13.2	13.7	1.34	587	3.53	0.03
ZZ86849		2.51	67.1	3.50	4.49	0.07	0.13	0.07	0.042	0.18	14.0	13.3	2.42	556	6.48	0.03
ZZ86850		2.98	70.5	3.68	5.00	0.06	0.10	0.08	0.040	0.18	13.5	14.1	2.41	527	6.24	0.05
ZZ86771		2.39	70.1	3.75	4.56	0.07	0.17	0.08	0.046	0.23	15.7	13.7	2.14	607	6.97	0.03

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86812		0.72	40.8	1010	18.3	9.1	0.002	0.06	1.98	2.0	2.4	0.7	52.6	<0.01	0.05	1.5
ZZ86813		0.80	50.1	1020	21.8	11.4	0.003	0.09	2.02	2.2	2.2	0.9	41.2	<0.01	0.06	1.1
ZZ86814		0.85	48.3	1040	25.3	14.1	0.001	0.05	2.53	2.9	1.9	1.0	53.8	<0.01	0.06	2.4
ZZ86815		0.87	37.3	970	21.6	11.5	0.004	0.11	1.68	2.1	2.2	0.8	38.6	<0.01	0.04	1.0
ZZ86816		0.85	37.0	870	22.6	10.0	0.004	0.08	2.48	2.3	1.7	0.8	41.5	<0.01	0.04	1.5
ZZ86817		0.80	35.4	930	23.0	10.6	0.003	0.08	1.85	2.0	1.9	0.8	38.7	<0.01	0.03	1.0
ZZ86818		0.89	38.7	940	20.7	10.7	0.004	0.09	1.82	2.3	2.4	0.8	40.0	<0.01	0.04	1.3
ZZ86819		0.79	44.0	1110	22.6	11.3	0.002	0.07	1.84	2.5	2.4	0.8	49.0	<0.01	0.04	1.8
ZZ86820		0.86	50.7	1060	24.6	13.9	0.004	0.07	2.20	2.9	2.4	0.9	54.8	<0.01	0.07	1.7
ZZ86821		0.42	26.6	860	7.3	4.9	0.009	0.20	1.47	0.6	6.2	0.4	73.3	<0.01	0.04	0.2
ZZ86822		0.92	59.0	1120	23.4	12.6	0.001	0.03	2.26	3.4	1.5	3.4	42.5	<0.01	0.07	2.0
ZZ86823		1.15	62.6	990	18.1	12.5	0.001	0.03	2.03	4.2	2.7	0.7	39.6	<0.01	0.06	2.3
ZZ86824		0.94	40.3	990	21.6	10.8	0.007	0.10	1.66	2.9	2.2	0.8	39.2	<0.01	0.06	1.8
ZZ86825		0.98	44.6	820	22.2	11.6	0.001	0.01	1.33	3.9	1.0	0.8	22.2	<0.01	0.06	2.2
ZZ86826		0.87	42.3	1010	15.1	10.0	0.001	0.05	1.60	2.6	1.5	0.5	45.1	<0.01	0.05	1.0
ZZ86827		0.96	48.6	950	18.9	10.5	0.001	0.01	1.65	4.3	1.7	0.6	34.5	<0.01	0.05	2.5
ZZ86828		1.03	50.2	1200	23.5	14.1	0.001	0.01	1.92	4.4	1.3	0.7	47.2	<0.01	0.07	3.4
ZZ86829		0.93	52.7	1190	21.2	14.1	0.001	0.03	2.00	3.9	1.5	0.6	43.2	<0.01	0.06	2.2
ZZ86830		1.35	38.1	1090	18.2	10.3	0.002	0.11	1.24	2.8	1.4	0.6	39.5	<0.01	0.03	1.4
ZZ86831		1.46	43.0	950	22.0	9.9	0.002	0.11	1.65	3.7	1.9	0.5	36.1	<0.01	0.05	2.5
ZZ86832		1.13	29.3	1120	22.5	11.0	0.007	0.11	1.31	2.7	1.5	0.5	44.5	<0.01	0.04	1.7
ZZ86833		0.76	44.8	1150	21.1	13.0	0.001	0.05	1.88	3.7	1.3	0.5	82.6	<0.01	0.05	3.8
ZZ86834		0.93	29.9	1030	20.5	11.2	0.007	0.13	1.17	2.8	4.0	0.5	50.3	<0.01	0.03	1.7
ZZ86835		1.37	38.1	960	31.7	7.6	<0.001	0.03	1.12	3.0	0.5	1.0	85.1	<0.01	0.03	1.8
ZZ86836		1.33	44.8	1050	31.8	7.5	0.002	0.06	1.47	3.2	1.4	0.7	54.7	<0.01	0.03	2.0
ZZ86837		1.25	44.4	930	40.9	6.5	0.002	0.06	1.15	3.6	0.8	0.7	94.7	<0.01	0.04	1.6
ZZ86838		1.40	46.0	1080	36.6	8.2	0.001	0.06	1.52	3.9	1.1	0.9	62.7	<0.01	0.05	2.0
ZZ86839		1.49	42.4	950	28.1	6.6	0.001	0.02	1.28	3.0	0.5	0.5	120.5	<0.01	0.03	1.9
ZZ86840		1.18	24.0	1210	21.9	11.4	0.001	0.11	0.79	2.7	2.2	0.6	33.5	<0.01	0.03	1.5
ZZ86841		1.19	46.3	1150	21.9	16.2	0.002	0.06	1.67	4.0	1.6	0.6	48.0	<0.01	0.05	3.5
ZZ86842		1.16	45.1	1060	26.0	14.2	0.003	0.09	1.66	4.1	2.2	0.6	38.8	<0.01	0.05	2.9
ZZ86843		0.83	41.9	930	22.1	11.3	0.003	0.02	1.59	3.9	1.0	0.5	80.4	<0.01	0.04	4.1
ZZ86844		0.85	42.4	830	21.4	10.8	<0.001	0.03	1.44	4.5	1.0	0.5	65.2	<0.01	0.04	4.4
ZZ86845		1.48	42.6	1090	21.5	8.0	0.003	0.09	1.49	4.1	1.8	0.7	35.7	<0.01	0.04	2.6
ZZ86846		1.31	47.2	1140	23.1	13.8	0.001	0.03	1.76	3.7	0.9	0.6	54.4	<0.01	0.05	3.3
ZZ86847		1.34	49.4	1050	23.5	11.1	0.001	0.04	1.80	3.9	1.1	0.6	33.0	<0.01	0.07	2.6
ZZ86848		1.30	53.4	1130	19.3	10.8	<0.001	0.05	1.87	3.7	1.5	0.6	38.9	<0.01	0.05	2.0
ZZ86849		1.04	76.1	1410	20.7	21.1	0.001	0.03	2.80	4.8	1.8	0.8	65.5	<0.01	0.06	4.3
ZZ86850		1.80	82.5	1550	21.0	19.1	<0.001	0.03	2.75	5.1	2.0	1.0	48.4	<0.01	0.06	4.0
ZZ86771		0.55	79.6	1540	22.5	20.3	0.001	0.03	2.99	4.9	1.7	0.8	73.2	<0.01	0.06	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86812		0.029	0.26	2.49	56	1.24	7.07	225	1.7
ZZ86813		0.031	0.29	2.38	62	1.44	7.32	302	1.7
ZZ86814		0.036	0.35	1.62	67	1.03	8.27	224	2.3
ZZ86815		0.029	0.22	3.64	55	0.58	6.97	199	2.0
ZZ86816		0.028	0.23	3.50	57	0.65	6.56	197	2.6
ZZ86817		0.027	0.22	1.96	54	2.31	6.71	191	1.9
ZZ86818		0.029	0.23	3.91	55	1.17	6.73	200	1.9
ZZ86819		0.032	0.30	2.14	63	1.65	7.70	277	2.0
ZZ86820		0.030	0.35	2.21	63	1.30	8.73	309	2.0
ZZ86821		0.011	0.16	13.30	31	0.23	3.61	116	1.2
ZZ86822		0.034	0.30	1.31	73	1.10	11.30	236	2.3
ZZ86823		0.037	0.26	1.50	64	0.51	11.60	188	2.8
ZZ86824		0.033	0.28	2.75	64	0.74	8.54	255	2.2
ZZ86825		0.028	0.16	0.89	53	2.24	10.50	149	1.6
ZZ86826		0.029	0.20	1.93	41	4.17	8.63	142	1.8
ZZ86827		0.035	0.19	0.96	51	0.86	11.05	148	2.1
ZZ86828		0.043	0.28	0.84	52	1.46	10.05	193	3.3
ZZ86829		0.032	0.26	1.18	49	0.72	11.10	184	2.5
ZZ86830		0.035	0.17	1.84	43	4.96	8.28	149	1.4
ZZ86831		0.029	0.15	2.20	44	0.69	10.15	161	2.3
ZZ86832		0.026	0.15	1.83	37	0.80	7.91	178	2.0
ZZ86833		0.031	0.26	0.82	40	0.86	9.09	208	6.9
ZZ86834		0.016	0.12	2.64	38	0.46	7.73	166	2.2
ZZ86835		0.057	0.18	0.75	34	3.53	8.64	318	1.1
ZZ86836		0.047	0.23	1.00	42	1.68	9.44	346	1.4
ZZ86837		0.058	0.20	1.42	37	1.29	10.20	461	1.2
ZZ86838		0.055	0.28	0.97	44	3.97	10.25	408	1.3
ZZ86839		0.064	0.16	0.84	34	1.88	8.15	264	1.3
ZZ86840		0.021	0.14	4.49	36	0.77	7.25	187	1.5
ZZ86841		0.027	0.20	0.89	43	0.74	9.78	172	3.5
ZZ86842		0.024	0.19	1.60	45	0.81	10.45	174	2.8
ZZ86843		0.027	0.21	0.81	38	1.02	9.29	152	5.3
ZZ86844		0.024	0.18	0.79	41	0.70	9.60	148	5.2
ZZ86845		0.038	0.20	1.84	54	0.82	10.75	171	2.6
ZZ86846		0.042	0.25	0.79	47	1.43	9.47	182	3.3
ZZ86847		0.038	0.18	0.96	53	1.45	10.95	173	2.2
ZZ86848		0.039	0.20	1.54	53	0.82	11.20	161	1.8
ZZ86849		0.051	0.37	1.16	66	1.12	11.35	239	7.0
ZZ86850		0.068	0.39	1.32	76	1.01	11.35	249	5.3
ZZ86771		0.048	0.36	1.30	71	0.38	11.50	272	10.2

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86772		0.63	0.014	0.52	1.51	45.9	<0.2	<10	850	0.64	1.29	3.92	2.57	27.3	15.5	39
ZZ86773		0.32	0.006	0.39	1.18	26.5	<0.2	<10	2180	0.65	1.10	1.57	2.04	19.80	9.2	29
ZZ86774		0.25	0.004	0.33	1.59	41.0	<0.2	<10	1360	0.54	1.88	4.37	1.75	21.0	15.4	43
ZZ86775		0.13	0.003	0.25	1.10	30.9	<0.2	<10	1790	0.38	1.04	1.82	1.42	16.10	9.2	25
ZZ86776		0.18	0.010	0.35	1.22	33.1	<0.2	<10	1930	0.50	1.12	1.70	1.79	18.95	11.2	27
ZZ86777		0.31	0.020	0.44	1.87	41.7	<0.2	<10	470	0.67	1.81	4.09	0.97	21.5	17.4	39
ZZ86778		0.33	0.054	0.43	2.52	53.5	<0.2	<10	250	0.90	4.63	2.74	0.53	28.9	15.0	73
ZZ86779		0.26	0.006	0.17	2.31	60.7	<0.2	<10	450	0.96	3.38	2.22	1.27	25.3	14.6	51
ZZ86780		0.23	0.028	0.26	1.79	90.1	<0.2	<10	320	0.73	3.45	2.29	0.73	26.6	12.6	39
ZZ86781		0.26	0.040	0.30	1.07	172.0	<0.2	<10	410	0.33	3.77	9.36	1.20	18.95	12.1	35
ZZ86782		0.17	0.049	0.33	1.25	172.5	<0.2	<10	510	0.39	14.55	6.65	2.19	19.10	13.6	39
ZZ86783		0.30	0.022	0.32	1.26	229	<0.2	<10	440	0.44	4.03	7.29	1.75	21.5	13.3	36
ZZ86784		0.27	0.014	0.38	1.35	160.0	<0.2	<10	650	0.49	3.66	4.72	1.70	21.2	15.6	35
ZZ86785		0.49	0.028	0.31	1.33	191.0	<0.2	<10	700	0.44	3.71	4.36	1.88	22.1	15.8	35
ZZ86786		0.25	0.018	0.37	1.51	59.3	<0.2	<10	370	0.47	4.42	4.31	2.26	22.4	16.7	44
ZZ86787		0.41	0.033	0.30	1.08	176.0	6.2	<10	520	0.38	16.95	8.75	1.60	18.40	13.3	34
ZZ86788		0.31	0.058	0.23	1.00	273	<0.2	<10	320	0.29	3.97	9.45	1.15	16.35	11.4	30
ZZ86789		0.28	0.048	0.22	1.03	222	<0.2	<10	400	0.31	5.93	6.02	1.03	18.70	12.4	32
ZZ86790		0.11	0.039	0.30	1.23	56.4	<0.2	<10	750	0.43	3.12	2.10	1.64	18.90	10.4	30
ZZ86791		0.24	0.004	0.25	1.74	51.1	<0.2	<10	640	0.68	2.28	2.52	0.96	22.0	12.3	40
ZZ86792		0.36	0.012	0.18	1.60	49.7	<0.2	<10	330	0.71	1.84	0.87	0.56	23.0	11.9	31
ZZ86793		0.46	0.004	0.40	1.86	30.3	<0.2	<10	340	0.61	1.99	4.37	0.59	17.35	15.1	46
ZZ86794		0.30	0.007	0.35	1.32	29.4	<0.2	<10	680	0.48	2.91	2.76	1.44	20.8	12.5	30
ZZ86795		0.25	0.004	0.38	1.11	15.8	<0.2	<10	1520	0.49	1.11	1.89	2.03	19.40	8.3	26
ZZ86796		0.14	0.006	0.35	1.18	30.4	<0.2	<10	1600	0.40	1.08	2.05	1.58	16.30	10.8	25
ZZ86797		0.08	0.004	0.16	0.46	10.3	<0.2	<10	1220	0.20	0.39	3.44	3.09	5.81	5.1	10
ZZ86798		0.23	0.006	0.29	1.01	32.7	<0.2	<10	1980	0.37	1.01	1.56	2.27	17.20	8.4	23
ZZ86799		0.20	0.004	0.34	1.13	32.2	<0.2	<10	1430	0.42	1.06	1.43	2.10	16.15	8.6	27
ZZ86800		0.10	0.004	0.29	1.08	36.2	<0.2	<10	1470	0.43	1.08	1.60	2.17	15.35	18.2	25
ZZ86801		0.18	0.005	0.34	0.90	19.4	<0.2	<10	1470	0.34	0.88	2.06	1.61	13.10	8.6	21
ZZ86802		0.13	0.004	0.19	0.82	15.2	<0.2	<10	910	0.31	0.81	2.18	1.73	11.30	6.5	19
ZZ86803		0.32	0.003	0.33	1.07	24.0	<0.2	<10	1410	0.37	1.05	2.06	2.08	14.85	9.3	25
ZZ86804		0.21	0.007	0.32	1.13	23.6	<0.2	<10	1490	0.40	1.20	1.96	2.21	15.80	9.4	26
ZZ86805		0.23	0.008	0.38	1.26	24.4	<0.2	<10	1310	0.47	1.42	1.89	3.20	17.25	10.2	28
ZZ86806		0.20	0.005	0.36	1.18	18.5	<0.2	<10	1230	0.42	1.48	1.98	2.36	16.95	10.1	27
ZZ86807		0.40	0.007	0.40	1.30	40.4	<0.2	<10	450	0.56	1.37	3.22	1.64	24.7	13.7	31
ZZ86808		0.21	0.004	0.44	1.51	31.4	<0.2	<10	1430	0.59	1.25	0.97	1.94	22.9	13.1	36
ZZ86809		0.13	0.006	0.31	0.97	27.8	<0.2	<10	1430	0.38	0.94	2.25	2.02	14.70	13.4	23
ZZ86810		0.44	0.007	0.45	1.39	38.4	<0.2	<10	1120	0.61	1.18	1.30	2.37	22.6	16.6	39
ZZ86281		0.02	0.006	0.33	1.17	29.7	<0.2	<10	700	0.41	1.72	2.24	2.38	17.40	12.0	26

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86772		2.67	71.6	3.64	4.45	0.07	0.09	0.09	0.047	0.23	15.7	13.6	1.89	559	8.81	0.03
ZZ86773		1.40	40.0	2.48	3.30	0.05	0.04	0.08	0.036	0.11	11.1	10.0	0.67	431	4.14	0.02
ZZ86774		1.83	28.8	3.33	5.02	0.06	0.04	0.05	0.043	0.12	11.3	15.2	2.72	778	3.80	0.03
ZZ86775		1.31	26.0	2.26	3.10	<0.05	0.04	0.07	0.032	0.10	8.8	9.7	0.60	519	3.47	0.02
ZZ86776		1.43	34.8	2.56	3.61	0.05	0.05	0.08	0.038	0.10	10.7	10.8	0.63	890	4.88	0.02
ZZ86777		2.06	27.3	3.41	5.29	0.05	0.03	0.07	0.035	0.07	12.5	18.4	2.49	791	3.02	0.04
ZZ86778		2.41	17.9	3.86	6.92	0.06	0.03	0.06	0.060	0.05	16.6	18.1	2.64	944	1.97	0.03
ZZ86779		2.06	16.5	3.71	6.61	0.05	0.02	0.05	0.053	0.04	15.9	18.3	1.58	509	2.22	0.04
ZZ86780		1.78	18.0	3.57	5.46	0.06	0.02	0.05	0.048	0.04	16.9	14.7	1.67	498	2.13	0.02
ZZ86781		1.53	20.8	2.82	3.22	0.05	0.02	0.04	0.039	0.05	10.4	10.1	4.41	635	1.63	0.02
ZZ86782		2.11	27.9	3.11	3.78	<0.05	0.03	0.04	0.039	0.07	10.5	11.7	3.51	747	1.85	0.02
ZZ86783		2.09	27.7	3.08	3.71	0.05	0.03	0.04	0.037	0.07	11.9	11.8	3.46	491	1.69	0.02
ZZ86784		1.76	30.0	3.09	4.01	0.05	0.03	0.04	0.038	0.06	11.4	12.4	2.30	933	2.14	0.02
ZZ86785		1.98	28.0	3.40	3.92	0.05	0.03	0.04	0.035	0.06	11.8	12.2	3.00	1180	2.44	0.02
ZZ86786		2.19	32.4	2.48	4.60	0.05	0.04	0.05	0.046	0.07	12.0	15.8	2.55	346	1.97	0.02
ZZ86787		1.69	23.5	2.57	3.38	<0.05	0.04	0.04	0.041	0.06	9.7	11.7	3.42	698	1.70	0.01
ZZ86788		1.46	20.5	2.67	3.09	<0.05	0.03	0.03	0.032	0.06	8.6	10.3	3.46	602	1.58	0.01
ZZ86789		1.27	19.1	2.91	3.25	<0.05	0.03	0.04	0.032	0.06	9.7	11.0	3.52	665	1.67	0.02
ZZ86790		1.43	26.9	2.61	3.73	<0.05	0.05	0.05	0.031	0.05	9.9	13.0	0.85	293	1.53	0.01
ZZ86791		1.60	20.0	3.22	5.23	<0.05	0.02	0.04	0.039	0.03	12.3	17.2	1.41	408	1.77	0.02
ZZ86792		1.29	20.3	3.07	4.70	<0.05	0.05	0.07	0.037	0.04	13.7	16.2	0.74	396	1.75	0.01
ZZ86793		2.63	34.2	3.44	5.80	0.05	0.03	0.09	0.035	0.07	10.3	18.0	2.74	553	2.14	0.04
ZZ86794		1.41	36.1	3.00	4.10	<0.05	0.06	0.07	0.036	0.07	11.2	14.9	1.66	564	2.94	0.02
ZZ86795		1.43	40.4	2.01	3.45	<0.05	0.06	0.08	0.035	0.09	10.3	11.6	0.91	130	2.76	0.02
ZZ86796		1.46	28.2	2.50	3.58	<0.05	0.04	0.07	0.036	0.10	8.8	11.4	0.80	832	4.43	0.01
ZZ86797		0.58	29.8	0.95	1.35	<0.05	0.03	0.08	0.014	0.04	3.1	3.9	0.45	2040	4.49	0.01
ZZ86798		1.23	32.6	2.42	3.01	<0.05	0.05	0.06	0.033	0.09	9.6	9.8	0.71	689	4.80	0.01
ZZ86799		1.25	33.2	2.45	3.37	<0.05	0.06	0.10	0.031	0.10	8.8	11.1	0.57	353	6.48	0.01
ZZ86800		1.25	31.8	2.59	3.36	<0.05	0.05	0.07	0.033	0.10	7.8	10.2	0.57	3370	13.55	<0.01
ZZ86801		0.97	28.5	2.03	2.61	<0.05	0.05	0.09	0.025	0.08	7.1	8.3	0.51	657	3.73	<0.01
ZZ86802		0.96	28.0	1.55	2.43	<0.05	0.05	0.07	0.025	0.08	5.8	8.1	0.54	301	2.28	0.01
ZZ86803		1.27	30.7	2.23	3.17	<0.05	0.05	0.08	0.029	0.10	8.2	10.2	0.89	476	4.01	0.02
ZZ86804		1.12	34.2	2.37	3.33	<0.05	0.04	0.07	0.033	0.09	8.5	10.8	0.77	380	4.02	0.01
ZZ86805		1.51	36.8	2.64	3.79	<0.05	0.05	0.10	0.040	0.11	9.5	12.5	0.90	357	4.90	0.02
ZZ86806		1.33	30.4	2.21	3.58	<0.05	0.05	0.09	0.034	0.09	9.2	11.8	0.89	245	2.35	0.02
ZZ86807		1.60	51.8	3.21	3.95	0.05	0.07	0.06	0.038	0.15	13.7	13.9	1.87	525	5.57	0.02
ZZ86808		1.53	45.3	3.22	4.39	<0.05	0.07	0.11	0.042	0.12	12.4	15.0	0.71	481	6.14	0.01
ZZ86809		1.29	34.6	2.54	2.91	<0.05	0.06	0.08	0.032	0.09	8.0	9.1	0.87	678	4.97	0.01
ZZ86810		1.84	53.6	3.39	4.31	0.05	0.06	0.09	0.041	0.12	12.5	14.8	0.89	707	7.88	0.02
ZZ86281		1.76	29.8	2.44	3.43	<0.05	0.04	0.07	0.033	0.09	9.2	11.7	1.06	770	2.12	0.02

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86772		1.02	85.6	1460	20.8	21.6	0.001	0.04	3.49	4.6	2.1	1.1	69.2	<0.01	0.07	4.6
ZZ86773		1.07	46.7	1150	21.2	12.3	0.004	0.10	2.06	2.5	2.5	1.1	40.5	<0.01	0.05	1.5
ZZ86774		1.96	60.2	1750	25.0	12.4	0.002	0.07	1.54	4.0	1.3	0.9	61.8	<0.01	0.03	2.1
ZZ86775		0.98	38.5	730	19.5	14.0	0.003	0.12	1.52	2.0	1.7	0.8	38.9	<0.01	0.04	0.9
ZZ86776		1.07	51.6	920	21.9	12.7	0.003	0.11	1.91	2.4	2.0	0.9	42.9	<0.01	0.04	1.2
ZZ86777		2.16	46.0	1210	23.7	10.3	<0.001	0.06	1.11	4.5	1.5	0.8	51.6	<0.01	0.04	1.5
ZZ86778		2.16	46.8	900	36.1	9.9	<0.001	0.04	0.94	7.4	1.1	1.9	30.4	<0.01	0.07	2.2
ZZ86779		2.92	42.6	710	35.3	12.4	<0.001	0.04	0.98	5.9	1.2	1.0	30.4	<0.01	0.03	1.8
ZZ86780		2.04	36.5	820	35.4	11.2	<0.001	0.04	1.11	4.8	1.4	0.7	26.3	<0.01	0.03	1.6
ZZ86781		1.08	39.5	960	37.9	7.8	0.002	0.05	1.09	2.8	0.6	0.6	72.6	<0.01	0.04	1.3
ZZ86782		1.19	44.8	1100	35.7	12.5	0.004	0.09	1.30	2.9	1.2	0.7	68.7	<0.01	0.04	1.2
ZZ86783		1.29	43.2	980	39.3	12.2	0.001	0.05	1.23	3.3	1.0	0.7	64.9	<0.01	0.03	1.5
ZZ86784		1.50	45.4	1150	39.0	9.7	0.001	0.07	1.27	3.0	0.9	0.7	55.1	<0.01	0.03	1.3
ZZ86785		1.29	44.9	1140	31.9	9.3	0.001	0.06	1.35	3.3	1.1	0.7	44.1	<0.01	0.03	1.8
ZZ86786		1.09	51.8	1030	43.6	13.0	0.002	0.05	1.21	4.0	1.5	0.8	52.3	<0.01	0.02	1.4
ZZ86787		0.97	39.5	880	36.2	10.0	0.002	0.03	1.11	3.2	1.1	0.6	95.6	<0.01	0.04	1.5
ZZ86788		0.87	32.9	830	31.1	9.2	0.001	0.01	0.98	3.0	0.6	0.7	103.0	<0.01	0.04	1.3
ZZ86789		1.03	35.5	1050	29.6	10.3	0.001	0.03	1.08	2.9	0.8	0.5	59.2	<0.01	0.05	1.4
ZZ86790		1.39	32.6	1020	27.5	7.1	0.002	0.13	1.12	3.3	1.3	0.7	47.1	<0.01	0.03	1.7
ZZ86791		1.72	35.7	600	30.1	8.9	<0.001	0.02	0.87	3.9	1.2	0.8	34.4	0.01	0.02	0.9
ZZ86792		1.13	31.7	460	23.3	11.6	<0.001	0.01	0.88	4.3	1.0	0.6	22.4	<0.01	0.04	2.2
ZZ86793		1.83	38.6	1280	25.9	11.0	<0.001	0.02	1.02	5.7	1.0	0.8	66.7	<0.01	0.04	1.8
ZZ86794		1.37	40.9	1060	24.4	10.4	0.002	0.05	1.61	4.0	1.5	0.7	43.6	<0.01	0.06	2.4
ZZ86795		1.00	41.5	990	22.4	12.3	0.004	0.09	1.56	3.0	2.3	0.7	48.4	<0.01	0.04	1.7
ZZ86796		1.05	39.8	960	21.0	12.3	0.004	0.09	1.66	2.5	2.3	0.9	46.2	<0.01	0.06	1.0
ZZ86797		0.35	38.3	750	7.6	4.8	0.004	0.17	1.20	0.6	2.9	0.4	59.2	<0.01	0.02	0.2
ZZ86798		0.84	37.3	1000	20.9	10.6	0.008	0.09	1.84	2.5	2.2	0.7	44.4	<0.01	0.06	1.7
ZZ86799		0.91	44.2	930	20.0	11.0	0.006	0.09	1.84	2.5	3.5	0.8	40.3	<0.01	0.06	1.2
ZZ86800		0.79	48.2	990	18.9	11.2	0.005	0.08	1.89	2.2	3.6	0.8	41.4	<0.01	0.05	1.0
ZZ86801		0.76	38.0	970	16.1	9.5	0.005	0.10	1.54	1.9	2.9	0.6	48.4	<0.01	0.05	0.9
ZZ86802		0.69	33.2	700	14.1	10.2	0.004	0.12	1.22	1.8	2.5	0.6	45.9	<0.01	0.05	0.8
ZZ86803		0.86	39.3	960	17.2	11.9	0.003	0.08	1.66	2.3	2.3	0.7	42.6	<0.01	0.06	1.2
ZZ86804		0.89	40.0	950	18.7	11.3	0.002	0.09	1.69	2.3	2.3	0.7	42.7	<0.01	0.05	1.0
ZZ86805		1.02	50.6	960	21.8	14.4	0.009	0.11	1.87	2.9	3.3	0.9	43.2	<0.01	0.06	1.4
ZZ86806		1.02	37.6	990	24.0	12.6	0.006	0.11	1.51	2.6	1.9	0.8	41.8	<0.01	0.04	1.2
ZZ86807		0.88	57.7	1240	21.6	13.8	0.001	0.01	2.25	4.2	1.6	0.7	53.7	<0.01	0.05	3.1
ZZ86808		1.12	55.0	1120	23.7	13.7	0.002	0.05	2.07	4.3	1.7	1.0	36.3	<0.01	0.07	2.6
ZZ86809		0.78	48.4	1050	19.0	10.3	0.008	0.13	1.79	2.2	3.0	0.8	48.2	<0.01	0.05	1.1
ZZ86810		1.11	71.9	1180	21.3	14.2	0.002	0.04	2.55	4.1	2.1	0.9	39.1	<0.01	0.07	2.0
ZZ86281		0.97	38.3	1040	24.5	15.6	0.006	0.13	1.04	2.6	1.6	0.7	44.0	<0.01	0.04	1.3

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86772		0.049	0.41	1.43	74	0.71	12.80	294	5.8
ZZ86773		0.032	0.26	2.66	71	0.88	9.01	248	1.8
ZZ86774		0.067	0.24	2.19	72	5.04	8.40	265	1.7
ZZ86775		0.026	0.24	4.43	61	1.18	5.59	261	1.4
ZZ86776		0.029	0.27	4.47	67	1.02	7.95	285	1.6
ZZ86777		0.058	0.20	2.05	66	0.95	12.55	173	1.0
ZZ86778		0.085	0.23	1.30	70	0.85	17.35	149	1.0
ZZ86779		0.061	0.22	0.77	77	2.58	16.45	240	0.8
ZZ86780		0.053	0.20	0.88	61	5.97	17.20	176	0.8
ZZ86781		0.051	0.17	1.08	33	4.19	8.24	388	0.7
ZZ86782		0.050	0.23	1.65	39	2.72	8.07	437	0.8
ZZ86783		0.055	0.27	1.46	40	1.73	9.87	429	1.0
ZZ86784		0.051	0.21	2.10	45	3.75	9.58	379	1.0
ZZ86785		0.050	0.25	1.51	44	5.19	9.61	375	1.1
ZZ86786		0.056	0.38	2.71	45	1.48	11.05	454	1.1
ZZ86787		0.050	0.24	1.06	36	1.60	8.60	368	1.0
ZZ86788		0.048	0.18	0.76	31	1.68	7.90	295	0.9
ZZ86789		0.048	0.16	0.96	35	4.62	8.05	251	0.8
ZZ86790		0.041	0.17	4.26	42	1.86	8.53	290	2.1
ZZ86791		0.046	0.15	0.98	61	1.62	13.45	137	0.6
ZZ86792		0.030	0.14	0.68	53	1.72	12.45	144	1.3
ZZ86793		0.073	0.25	0.74	65	1.87	13.70	140	1.0
ZZ86794		0.038	0.21	1.72	52	0.97	10.70	201	2.0
ZZ86795		0.032	0.26	2.89	60	0.69	9.08	242	2.3
ZZ86796		0.032	0.28	3.34	60	1.11	7.36	257	1.5
ZZ86797		0.011	0.14	7.92	24	0.31	3.35	130	0.9
ZZ86798		0.027	0.28	3.56	58	1.15	8.22	216	1.8
ZZ86799		0.026	0.27	2.57	71	0.51	7.43	268	2.0
ZZ86800		0.024	0.26	3.44	76	0.68	6.53	271	1.6
ZZ86801		0.022	0.20	2.86	53	0.45	6.82	189	2.0
ZZ86802		0.021	0.20	5.83	47	0.33	5.22	189	1.9
ZZ86803		0.029	0.25	2.59	61	0.44	7.17	246	1.7
ZZ86804		0.028	0.25	3.44	59	0.53	7.31	275	1.6
ZZ86805		0.032	0.45	2.83	66	0.50	8.25	365	1.8
ZZ86806		0.031	0.39	3.40	58	1.32	8.04	354	1.7
ZZ86807		0.036	0.26	1.09	57	0.89	12.35	208	2.7
ZZ86808		0.039	0.29	3.36	79	0.82	10.75	261	2.4
ZZ86809		0.026	0.26	3.96	57	0.68	7.21	247	2.0
ZZ86810		0.039	0.30	2.37	74	0.74	12.65	226	2.2
ZZ86281		0.032	0.40	3.54	44	1.81	7.84	482	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ86282	0.26	0.005	0.27	1.03	52.7	<0.2	<10	750	0.40	1.44	2.60	1.60	16.45	11.6	22
ZZ86283	0.22	0.006	0.28	1.10	35.3	<0.2	<10	630	0.44	1.57	2.20	2.16	17.00	11.0	24
ZZ86284	0.22	0.003	0.30	1.05	28.3	<0.2	<10	1270	0.39	1.12	2.45	1.68	16.20	9.7	25
ZZ86285	0.37	0.007	0.38	1.17	32.3	<0.2	<10	1270	0.45	1.14	2.47	2.20	19.15	11.4	27
ZZ86286	0.28	0.005	0.40	1.27	40.0	<0.2	<10	1020	0.47	1.28	1.54	1.66	18.50	9.7	30
ZZ86287	0.19	0.030	0.24	1.17	109.0	<0.2	<10	430	0.39	3.70	4.82	1.33	17.60	13.1	33
ZZ86288	0.22	0.029	0.27	1.24	98.6	<0.2	<10	460	0.46	3.80	2.40	1.35	16.05	11.4	33
ZZ86289	0.34	0.604	0.31	1.10	260	0.3	<10	440	0.37	15.60	8.69	1.24	18.90	13.3	35
ZZ86290	0.46	0.036	0.35	1.37	86.6	<0.2	<10	510	0.51	2.96	4.48	1.31	19.80	13.2	32
ZZ86291	0.36	0.058	0.27	1.12	110.5	<0.2	<10	620	0.40	4.58	7.19	1.28	19.95	11.2	30
ZZ86292	0.27	0.008	0.21	0.90	39.5	<0.2	<10	830	0.42	5.00	3.59	1.13	19.30	11.8	21
ZZ86293	0.25	0.012	0.23	0.89	50.4	<0.2	<10	780	0.44	1.89	3.51	1.23	19.70	10.5	21
ZZ86294	0.28	0.024	0.25	0.99	99.3	<0.2	<10	660	0.40	2.29	3.34	1.25	19.05	11.3	23
ZZ86295	0.27	0.068	0.37	0.95	272	<0.2	<10	390	0.32	5.46	8.80	1.35	19.25	11.1	32
ZZ86296	0.28	0.041	0.27	0.99	150.0	<0.2	<10	430	0.34	3.30	9.35	1.52	20.4	11.8	30
ZZ86297	0.30	0.059	0.25	1.12	226	<0.2	<10	370	0.39	4.39	8.70	1.31	20.2	11.7	39
ZZ86298	0.50	0.042	0.21	0.97	187	<0.2	<10	360	0.34	3.36	10.95	0.95	18.60	11.3	32
ZZ86299	0.31	0.027	0.26	1.06	178.5	<0.2	<10	430	0.40	5.37	9.59	1.08	20.1	11.7	33
ZZ86300	0.35	0.069	0.26	1.47	160.0	<0.2	<10	610	0.55	4.56	3.16	0.95	25.1	13.6	39
ZZ86301	0.26	0.035	0.37	1.26	281	<0.2	<10	400	0.40	4.54	7.07	1.62	23.2	13.1	36
ZZ86302	0.41	0.029	0.27	1.07	276	<0.2	<10	440	0.39	3.85	8.72	1.72	20.9	13.1	33
ZZ86303	0.43	0.100	0.20	0.89	207	<0.2	<10	380	0.28	14.10	11.95	1.13	17.60	10.4	32
ZZ86304	0.31	0.032	0.25	1.03	215	<0.2	<10	410	0.37	4.06	8.28	1.06	20.5	11.0	31
ZZ86305	0.29	0.060	0.25	0.93	174.5	<0.2	<10	430	0.33	3.86	8.02	1.18	19.80	11.0	29
ZZ86306	0.38	0.070	0.24	1.08	196.5	<0.2	<10	610	0.36	5.04	5.98	0.91	19.65	12.7	31
ZZ86307	0.23	0.005	0.34	1.19	14.9	<0.2	<10	1050	0.48	1.38	2.15	1.85	21.2	6.8	28
ZZ86308	0.19	0.004	0.29	0.98	30.1	<0.2	<10	1740	0.35	0.95	2.40	1.96	17.05	14.6	23
ZZ86309	0.19	0.004	0.31	1.02	26.9	<0.2	<10	1720	0.35	0.99	2.28	1.29	17.10	8.2	24
ZZ85661	0.19	0.041	0.29	0.91	66.0	<0.2	<10	240	0.46	1.05	2.13	1.13	20.8	10.3	16
ZZ85662	0.20	0.019	0.29	0.99	75.8	<0.2	<10	260	0.43	1.20	1.80	0.99	27.8	11.2	17
ZZ85663	0.09	0.027	0.28	0.95	67.2	<0.2	<10	290	0.45	1.37	2.15	1.03	24.3	11.4	17
ZZ85664	0.11	0.008	0.47	1.28	54.0	<0.2	<10	440	0.57	1.63	1.90	4.67	25.5	9.1	22
ZZ85665	0.09	0.003	0.19	0.24	103.5	<0.2	<10	560	0.19	0.22	3.90	4.09	3.07	23.1	3
ZZ85666	0.18	0.009	0.43	1.01	39.7	<0.2	<10	300	0.52	1.51	1.49	4.54	23.2	14.9	19
ZZ85667	0.13	0.006	0.49	1.06	60.8	<0.2	<10	360	0.45	1.36	1.38	3.87	20.4	17.5	20
ZZ85668	0.21	0.016	0.40	1.14	40.1	<0.2	<10	340	0.53	1.48	1.17	2.88	27.0	13.6	21
ZZ85669	0.11	0.012	0.41	1.09	111.5	<0.2	<10	410	0.50	1.23	1.85	2.29	21.3	21.2	19
ZZ85670	0.09	0.014	0.29	0.85	43.1	<0.2	<10	270	0.37	1.06	2.48	1.14	17.65	6.9	14
ZZ85711	0.25	0.033	0.27	1.09	178.0	<0.2	<10	490	0.38	3.41	9.80	0.97	21.3	10.0	36
ZZ85712	0.43	0.020	0.23	0.97	129.5	<0.2	<10	450	0.34	3.36	9.82	0.91	20.8	8.9	28

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86282		1.66	26.6	2.59	3.03	0.05	0.04	0.07	0.031	0.08	8.6	10.2	1.13	937	2.45	0.01
ZZ86283		1.70	27.9	2.22	3.19	0.05	0.04	0.08	0.029	0.09	8.9	10.5	0.87	793	2.26	0.01
ZZ86284		1.11	32.0	2.25	2.93	<0.05	0.05	0.09	0.029	0.10	8.8	9.4	1.08	417	3.84	0.01
ZZ86285		1.41	39.9	2.59	3.35	0.05	0.05	0.09	0.034	0.12	10.4	10.7	1.14	559	5.85	0.01
ZZ86286		1.47	45.0	2.70	3.59	0.05	0.05	0.10	0.035	0.12	10.0	11.2	0.66	371	5.80	0.01
ZZ86287		1.75	24.8	2.65	3.64	<0.05	0.03	0.04	0.036	0.06	9.1	11.7	2.48	533	1.55	0.01
ZZ86288		1.14	23.9	2.60	3.75	0.05	0.03	0.06	0.031	0.05	8.5	11.1	0.98	396	1.77	0.01
ZZ86289		1.67	25.1	3.05	3.42	0.05	0.02	0.03	0.035	0.06	10.0	11.0	3.75	569	1.91	0.01
ZZ86290		1.83	29.1	2.99	4.10	0.05	0.02	0.05	0.036	0.08	10.6	13.6	2.45	657	2.65	0.01
ZZ86291		1.49	22.9	2.90	3.70	0.05	0.03	0.04	0.035	0.07	10.6	11.1	3.44	556	2.72	0.01
ZZ86292		0.94	26.7	2.20	2.98	0.05	0.03	0.10	0.029	0.05	10.3	11.1	1.60	2650	3.13	0.01
ZZ86293		0.90	27.5	2.29	2.93	<0.05	0.05	0.06	0.028	0.06	10.2	11.4	1.67	1030	0.94	0.01
ZZ86294		1.12	27.4	2.89	3.21	0.05	0.04	0.07	0.026	0.07	9.6	12.1	1.46	1580	2.59	0.01
ZZ86295		1.47	19.4	2.70	3.25	<0.05	0.02	0.03	0.028	0.07	9.9	10.1	4.15	597	1.45	0.01
ZZ86296		1.44	23.9	2.67	3.39	<0.05	0.03	0.04	0.030	0.06	10.5	10.7	3.65	752	1.80	0.01
ZZ86297		1.77	24.4	2.96	3.64	<0.05	0.02	0.03	0.029	0.07	11.0	11.2	3.24	500	1.30	0.01
ZZ86298		1.41	21.7	2.73	3.34	<0.05	0.02	0.02	0.028	0.06	9.9	10.6	3.83	496	1.60	0.01
ZZ86299		1.97	25.4	2.86	3.55	0.05	0.03	0.03	0.032	0.06	10.5	11.5	3.62	337	1.52	0.01
ZZ86300		1.66	21.4	3.46	4.59	<0.05	0.02	0.04	0.040	0.06	13.1	14.3	2.23	624	1.92	0.02
ZZ86301		2.40	30.8	3.28	4.15	<0.05	0.03	0.04	0.041	0.08	12.2	12.8	3.08	761	2.05	0.01
ZZ86302		1.90	26.1	3.02	3.56	<0.05	0.03	0.03	0.032	0.06	11.1	11.1	3.70	928	2.06	0.01
ZZ86303		1.18	18.3	2.58	3.06	0.05	0.02	0.02	0.028	0.05	9.5	9.5	4.37	476	1.45	0.01
ZZ86304		1.79	21.6	2.86	3.44	<0.05	0.02	0.03	0.030	0.06	10.7	10.4	3.91	481	1.71	0.01
ZZ86305		1.44	20.1	2.64	3.19	<0.05	0.02	0.03	0.032	0.06	10.5	9.7	3.85	538	1.50	0.01
ZZ86306		1.54	21.9	3.27	3.66	<0.05	0.02	0.03	0.031	0.06	10.4	11.8	3.05	1840	3.69	0.01
ZZ86307		1.43	39.5	1.73	3.79	<0.05	0.06	0.08	0.034	0.10	11.3	12.8	0.82	126	1.23	0.01
ZZ86308		1.37	26.3	2.42	3.19	<0.05	0.04	0.07	0.029	0.10	9.2	9.7	0.82	4620	7.18	0.01
ZZ86309		1.28	25.6	2.18	3.03	<0.05	0.05	0.09	0.029	0.09	9.2	8.9	0.86	466	3.02	0.02
ZZ85661		0.52	45.8	3.18	2.65	<0.05	0.03	0.06	0.034	0.05	11.6	10.0	0.63	444	2.23	0.01
ZZ85662		0.77	49.1	3.26	2.88	<0.05	0.04	0.05	0.025	0.11	14.8	9.6	0.80	384	3.18	0.01
ZZ85663		0.79	47.9	3.03	2.81	<0.05	0.04	0.06	0.028	0.09	12.7	8.9	0.80	641	2.58	0.01
ZZ85664		1.40	64.8	3.11	3.75	0.05	0.06	0.09	0.035	0.09	14.0	10.7	0.63	1060	5.11	0.01
ZZ85665		0.24	23.6	5.84	0.67	<0.05	0.03	0.06	0.005	0.02	1.5	1.4	0.28	6490	10.75	0.02
ZZ85666		1.04	52.0	3.34	2.90	0.05	0.05	0.09	0.031	0.07	12.1	9.8	0.55	955	3.62	0.01
ZZ85667		1.17	49.6	4.22	3.04	0.05	0.07	0.09	0.032	0.07	10.6	10.0	0.50	334	6.98	0.01
ZZ85668		1.10	59.3	2.75	3.38	<0.05	0.07	0.09	0.033	0.09	14.0	11.7	0.53	425	3.52	0.01
ZZ85669		1.09	55.0	5.24	3.24	<0.05	0.05	0.07	0.031	0.11	11.3	10.4	0.58	1800	5.41	0.01
ZZ85670		0.67	37.8	2.28	2.36	<0.05	0.05	0.07	0.022	0.09	9.0	7.6	0.57	303	1.97	0.01
ZZ85711		1.60	25.2	2.89	3.55	<0.05	0.03	0.04	0.034	0.06	11.3	10.7	3.80	368	1.54	0.01
ZZ85712		1.46	22.4	2.55	3.02	<0.05	0.03	0.09	0.026	0.06	11.0	10.0	3.92	378	1.79	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86282		0.89	40.0	1020	21.5	12.6	0.009	0.14	1.11	2.0	1.4	0.9	48.1	<0.01	0.07	1.3
ZZ86283		0.95	39.8	930	21.9	18.0	0.005	0.14	1.10	2.1	1.7	0.6	43.7	<0.01	0.05	1.0
ZZ86284		0.92	45.1	1090	16.8	10.2	0.006	0.12	1.59	2.0	2.5	0.7	49.6	<0.01	0.05	1.4
ZZ86285		1.05	53.9	1100	19.6	12.1	0.004	0.07	2.11	2.6	2.5	0.7	46.5	<0.01	0.07	1.6
ZZ86286		1.03	52.3	1040	18.8	12.1	0.004	0.08	2.24	2.6	3.1	0.8	38.8	<0.01	0.06	1.5
ZZ86287		1.12	42.9	910	29.3	11.3	<0.001	0.06	1.10	2.5	1.1	0.7	46.4	<0.01	0.05	1.1
ZZ86288		1.08	36.6	920	28.4	9.4	0.001	0.11	1.07	2.0	3.0	0.7	45.7	<0.01	0.04	0.6
ZZ86289		0.95	43.6	910	37.2	9.7	0.003	0.05	1.51	2.7	1.1	0.7	82.7	<0.01	0.06	1.4
ZZ86290		1.52	40.9	1130	28.5	15.2	0.001	0.05	1.26	3.0	1.7	0.9	51.1	<0.01	0.04	1.1
ZZ86291		1.37	42.3	1180	27.7	8.9	0.002	0.07	1.22	2.7	1.3	0.7	70.9	<0.01	0.03	1.4
ZZ86292		0.99	31.5	930	21.9	6.9	0.002	0.12	1.29	2.3	3.3	0.4	55.0	<0.01	0.02	1.0
ZZ86293		1.10	32.3	1000	20.7	8.6	0.003	0.13	1.13	2.5	2.5	0.4	42.8	<0.01	0.02	1.6
ZZ86294		1.06	33.5	1010	22.0	13.7	0.002	0.10	1.02	2.4	1.6	0.5	47.6	<0.01	0.04	1.3
ZZ86295		1.17	36.9	950	32.2	12.1	<0.001	0.07	1.02	2.4	0.7	0.6	70.1	<0.01	0.03	1.2
ZZ86296		1.09	39.1	950	33.6	9.3	0.001	0.06	1.03	2.6	0.8	0.8	85.7	<0.01	0.03	1.3
ZZ86297		1.17	40.9	910	35.1	11.4	0.001	0.06	0.97	2.7	0.8	0.7	81.7	<0.01	0.04	1.2
ZZ86298		1.20	36.7	900	29.3	8.6	0.001	0.05	1.08	2.6	0.7	0.6	98.5	<0.01	0.03	1.5
ZZ86299		1.15	39.7	880	34.7	10.9	0.001	0.05	1.07	2.9	0.9	0.7	88.7	<0.01	0.03	1.6
ZZ86300		1.40	40.5	1000	35.1	10.4	0.001	0.04	0.90	3.2	0.7	0.9	33.5	<0.01	0.03	1.7
ZZ86301		1.08	45.5	970	44.8	15.0	0.001	0.06	1.32	3.2	1.1	0.9	67.2	<0.01	0.03	1.4
ZZ86302		1.13	42.6	900	37.0	9.2	0.001	0.05	1.23	2.9	0.8	0.7	75.3	<0.01	0.04	1.6
ZZ86303		1.29	35.3	800	29.3	6.5	0.001	0.04	1.01	2.4	0.7	0.7	107.0	<0.01	0.06	1.4
ZZ86304		1.13	37.4	930	34.2	10.9	0.001	0.06	1.16	2.5	0.8	0.7	67.7	<0.01	0.03	1.4
ZZ86305		1.11	36.7	920	36.8	9.8	0.001	0.06	1.10	2.3	0.6	0.6	63.6	<0.01	0.04	1.1
ZZ86306		1.16	39.4	910	27.0	10.0	0.003	0.08	0.96	2.4	0.9	0.7	68.6	<0.01	0.03	1.2
ZZ86307		1.28	37.1	920	21.9	15.4	0.006	0.17	1.43	2.7	2.2	0.8	44.4	<0.01	0.02	1.7
ZZ86308		0.81	48.7	1010	16.8	12.8	0.008	0.14	1.54	2.0	2.3	0.7	50.3	<0.01	0.05	1.1
ZZ86309		0.91	35.9	1010	18.9	12.0	0.005	0.15	1.49	1.9	1.9	0.8	45.0	<0.01	0.03	1.1
ZZ85661		1.07	39.9	950	16.1	6.1	0.002	0.09	1.39	1.8	1.5	0.5	35.8	<0.01	0.04	0.9
ZZ85662		1.11	39.6	1340	19.5	10.3	0.004	0.07	1.68	2.3	1.9	0.5	34.5	<0.01	0.05	2.2
ZZ85663		1.16	40.4	1250	15.9	9.1	0.005	0.09	1.61	2.2	2.0	0.5	39.7	<0.01	0.05	1.7
ZZ85664		2.06	65.4	1310	19.2	9.3	0.010	0.18	2.44	3.2	4.8	1.0	43.9	<0.01	0.04	2.3
ZZ85665		0.29	52.9	1340	2.3	1.4	0.028	0.40	1.21	0.4	4.4	<0.2	80.1	<0.01	0.02	0.2
ZZ85666		1.24	82.5	1260	18.2	7.1	0.009	0.11	1.88	2.5	3.8	0.6	36.2	<0.01	0.03	2.0
ZZ85667		1.21	64.5	1240	15.9	9.0	0.010	0.19	1.93	2.8	3.2	0.7	35.0	<0.01	0.05	2.4
ZZ85668		1.38	65.5	1210	18.9	11.7	0.010	0.12	2.00	3.1	3.6	0.7	31.7	<0.01	0.05	3.1
ZZ85669		1.41	66.0	1240	17.2	13.5	0.008	0.12	2.07	2.7	2.9	0.6	35.9	<0.01	0.04	1.7
ZZ85670		1.08	31.0	1080	15.1	9.3	0.013	0.15	1.38	1.7	2.4	0.4	44.4	<0.01	0.04	1.0
ZZ85711		1.34	38.0	970	32.5	8.2	0.001	0.05	1.09	2.9	0.8	0.6	90.1	<0.01	0.03	1.8
ZZ85712		1.28	30.9	1010	27.4	9.1	0.001	0.05	1.04	2.6	0.8	0.6	91.2	<0.01	0.04	1.9

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86282		0.028	0.36	2.69	40	2.41	6.72	440	1.3
ZZ86283		0.030	0.37	3.12	43	1.70	6.69	419	1.3
ZZ86284		0.029	0.23	2.17	57	0.78	7.22	284	1.7
ZZ86285		0.030	0.27	2.24	68	0.50	9.12	281	2.0
ZZ86286		0.032	0.28	2.77	69	0.97	8.65	270	2.1
ZZ86287		0.045	0.20	1.76	38	3.92	7.23	359	1.1
ZZ86288		0.035	0.14	5.37	39	1.35	7.37	243	1.1
ZZ86289		0.048	0.22	1.44	33	19.25	8.33	347	0.8
ZZ86290		0.044	0.22	1.26	44	7.82	10.25	240	1.0
ZZ86291		0.042	0.19	2.80	42	4.15	7.95	294	1.1
ZZ86292		0.028	0.14	4.89	33	4.44	8.49	132	1.2
ZZ86293		0.030	0.14	1.64	34	1.98	7.57	145	1.8
ZZ86294		0.032	0.15	1.03	35	1.10	7.25	193	1.3
ZZ86295		0.049	0.18	1.05	32	3.70	6.99	342	0.8
ZZ86296		0.046	0.19	0.93	32	3.71	7.56	320	0.9
ZZ86297		0.056	0.20	0.92	36	9.77	7.77	381	0.9
ZZ86298		0.049	0.16	0.86	32	4.12	7.41	277	1.0
ZZ86299		0.050	0.24	1.27	33	2.43	7.97	322	1.1
ZZ86300		0.054	0.18	1.60	52	2.05	9.65	339	0.9
ZZ86301		0.050	0.35	1.71	39	1.52	9.74	446	1.0
ZZ86302		0.050	0.29	1.19	35	3.34	8.45	343	0.9
ZZ86303		0.053	0.14	1.07	30	5.94	7.01	272	0.9
ZZ86304		0.049	0.22	1.34	33	2.30	7.54	329	0.8
ZZ86305		0.044	0.18	1.02	31	3.57	7.43	366	0.8
ZZ86306		0.045	0.19	1.46	34	2.88	7.26	264	0.8
ZZ86307		0.034	0.24	3.05	52	0.74	8.21	220	2.4
ZZ86308		0.026	0.26	2.72	53	0.58	6.02	258	1.4
ZZ86309		0.027	0.24	3.08	55	0.65	6.37	225	1.8
ZZ85661		0.020	0.11	2.13	33	0.12	9.49	80	1.2
ZZ85662		0.023	0.18	1.91	35	0.13	7.85	159	1.8
ZZ85663		0.021	0.18	2.15	33	0.12	7.70	137	1.8
ZZ85664		0.033	0.30	5.35	45	0.19	11.10	359	2.9
ZZ85665		0.007	0.15	6.53	10	0.10	2.06	274	1.0
ZZ85666		0.023	0.30	5.97	39	0.33	9.58	498	2.2
ZZ85667		0.023	0.29	4.77	40	0.41	7.96	419	2.9
ZZ85668		0.023	0.25	4.75	41	0.27	9.54	337	2.9
ZZ85669		0.025	0.25	3.58	38	0.20	7.82	255	1.9
ZZ85670		0.016	0.18	1.82	27	0.09	6.32	148	2.1
ZZ85711		0.061	0.18	0.99	40	2.74	8.09	340	1.2
ZZ85712		0.050	0.18	0.85	35	1.92	7.68	246	1.2

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ85713		0.30	0.039	0.31	1.23	273	<0.2	<10	460	0.40	4.73	8.20	1.42	22.1	12.9	39
ZZ85714		0.26	0.090	0.32	1.32	172.5	<0.2	<10	720	0.45	3.93	5.68	1.41	23.8	12.0	36
ZZ85715		0.29	0.006	0.31	1.08	31.6	<0.2	<10	790	0.42	2.51	3.48	1.56	18.55	9.5	26
ZZ85716		0.21	0.002	0.27	1.26	37.9	<0.2	<10	550	0.53	1.48	3.61	1.16	19.80	9.9	30
ZZ85717		0.46	0.007	0.27	1.26	35.1	<0.2	<10	610	0.38	1.68	4.58	0.99	20.5	9.8	30
ZZ85718		0.38	0.006	0.27	1.74	41.4	<0.2	<10	430	0.74	2.15	1.70	1.20	32.5	16.1	40
ZZ85719		0.31	0.005	0.27	1.49	45.6	<0.2	<10	580	0.50	1.34	2.53	0.74	20.5	10.9	31
ZZ85720		0.20	0.005	0.34	1.15	31.4	<0.2	<10	1450	0.45	1.04	1.93	2.04	18.95	11.3	27
ZZ85721		0.12	0.006	0.34	0.91	24.0	<0.2	<10	1300	0.39	0.81	2.58	2.15	13.30	9.1	22
ZZ85722		0.33	0.012	0.44	1.36	39.9	<0.2	<10	950	0.57	1.35	2.34	1.87	25.6	14.9	34
ZZ85723		0.41	0.012	0.37	1.28	49.1	<0.2	<10	500	0.62	1.35	3.41	1.51	26.5	14.5	30
ZZ85724		0.32	0.008	0.31	1.06	22.3	<0.2	<10	1870	0.41	0.99	1.87	1.46	19.45	7.1	26
ZZ85725		0.33	0.005	0.35	1.01	22.4	<0.2	<10	2180	0.36	0.89	2.36	0.91	17.50	7.5	23
ZZ85726		0.20	0.004	0.40	1.09	25.2	<0.2	<10	1860	0.43	1.07	1.93	2.23	16.65	9.9	25
ZZ85727		0.18	0.004	0.33	0.93	22.0	<0.2	<10	1580	0.36	0.89	2.19	1.65	15.10	8.3	22
ZZ85728		0.19	0.007	0.35	1.13	31.4	<0.2	<10	1780	0.43	1.24	1.96	3.58	18.60	11.7	27
ZZ85729		0.09	0.005	0.31	0.85	22.4	<0.2	<10	1550	0.37	0.86	3.03	3.10	13.50	8.1	21
ZZ85730		0.38	0.007	0.47	1.34	41.3	<0.2	<10	2490	0.57	1.79	1.91	3.98	23.0	12.5	31
ZZ85731		0.19	0.006	0.33	1.18	19.3	<0.2	<10	1470	0.45	1.21	2.37	1.52	19.10	10.3	27
ZZ85732		0.15	0.002	0.27	1.10	19.8	<0.2	<10	910	0.43	1.17	2.44	2.15	16.95	9.5	26
ZZ85733		0.27	0.008	0.36	1.23	22.9	<0.2	<10	2100	0.50	1.44	1.65	1.44	21.4	10.5	27
ZZ85734		0.33	0.009	0.47	1.22	60.6	<0.2	<10	2930	0.52	1.49	2.82	3.32	20.9	10.8	29
ZZ85735		0.17	0.005	0.14	1.08	25.3	<0.2	<10	2190	0.38	1.10	1.07	2.13	16.20	7.7	26
ZZ85736		0.26	0.004	0.32	1.22	32.0	<0.2	<10	2400	0.50	1.10	1.17	1.32	21.4	13.0	27
ZZ85737		0.23	0.006	0.41	1.20	32.6	<0.2	<10	1990	0.49	1.17	1.45	3.15	20.6	14.1	28
ZZ85738		0.12	0.006	0.27	0.90	17.9	<0.2	10	1460	0.36	0.72	3.28	2.68	12.40	10.6	20
ZZ85739		0.26	0.007	0.44	1.43	21.9	<0.2	<10	1900	0.51	1.19	1.44	2.98	22.1	11.4	34
ZZ85740		0.20	0.010	0.35	1.11	29.7	<0.2	<10	1840	0.48	1.02	1.81	2.18	20.1	10.6	28
ZZ85741		0.29	0.023	0.40	1.31	49.0	<0.2	<10	640	0.59	1.34	3.33	1.64	23.1	13.0	31
ZZ85742		0.31	0.014	0.40	1.38	40.3	<0.2	<10	510	0.56	1.18	3.19	1.56	24.3	14.1	33
ZZ85743		0.35	0.010	0.32	1.05	39.7	<0.2	<10	380	0.44	1.43	4.16	1.15	22.6	13.5	23
ZZ85744		0.39	0.009	0.33	1.44	29.9	<0.2	<10	610	0.53	1.23	2.20	1.05	25.3	13.0	31
ZZ85745		0.13	0.004	0.26	0.94	18.4	<0.2	<10	840	0.37	0.76	2.96	2.62	13.75	8.1	20
ZZ85746		0.39	0.010	0.37	1.59	38.2	<0.2	<10	410	0.62	1.85	4.17	0.71	24.5	14.2	36
ZZ85747		0.44	0.013	0.30	0.89	34.9	<0.2	<10	340	0.36	1.70	5.18	1.08	19.40	11.1	22
ZZ85748		0.29	0.007	0.30	1.29	39.0	<0.2	<10	590	0.53	2.19	2.23	1.07	24.6	13.8	29
ZZ85749		0.14	0.005	0.27	0.98	42.1	<0.2	<10	650	0.44	1.51	3.77	1.29	14.40	9.3	22
ZZ85750		0.26	0.039	0.34	1.16	174.5	<0.2	<10	500	0.36	3.48	9.07	1.38	21.6	12.5	34
ZZ85751		0.26	0.072	0.26	1.12	174.0	<0.2	<10	520	0.34	3.79	7.01	1.35	22.0	12.7	33
ZZ85752		0.33	0.044	0.25	1.03	249	0.2	<10	380	0.33	6.43	11.50	1.01	18.60	12.2	32

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 28-AUG-2013
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Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85713		2.28	26.5	3.36	3.88	<0.05	0.03	0.04	0.036	0.07	11.6	11.9	3.86	609	1.55	0.02
ZZ85714		1.97	28.8	3.26	3.95	<0.05	0.03	0.04	0.038	0.08	12.3	12.2	3.12	1480	2.56	0.02
ZZ85715		1.16	28.3	2.46	3.31	<0.05	0.04	0.07	0.028	0.06	9.7	11.5	1.28	451	1.60	0.01
ZZ85716		1.26	23.1	2.64	3.93	<0.05	0.02	0.05	0.032	0.05	10.6	13.9	1.51	735	2.11	0.02
ZZ85717		1.72	22.9	2.82	3.80	0.05	0.04	0.06	0.029	0.08	11.0	12.9	2.74	559	2.62	0.02
ZZ85718		1.88	27.2	3.60	5.36	0.05	0.05	0.06	0.042	0.06	15.2	17.0	1.38	716	2.76	0.02
ZZ85719		1.48	22.5	3.33	4.71	<0.05	0.04	0.08	0.035	0.07	11.3	17.8	1.51	281	4.16	0.02
ZZ85720		1.25	33.4	2.61	3.48	<0.05	0.05	0.09	0.039	0.09	10.3	11.1	0.74	667	5.38	0.01
ZZ85721		1.13	39.5	2.10	2.71	<0.05	0.06	0.09	0.026	0.07	7.0	8.3	0.62	512	4.29	0.02
ZZ85722		1.53	52.3	3.31	4.05	0.05	0.07	0.09	0.038	0.13	13.7	14.5	1.66	424	6.21	0.02
ZZ85723		1.61	57.9	3.44	3.87	<0.05	0.07	0.08	0.040	0.12	14.4	13.5	2.07	590	5.28	0.01
ZZ85724		1.35	32.0	2.22	3.18	<0.05	0.06	0.08	0.032	0.09	10.7	9.6	1.09	220	4.32	0.01
ZZ85725		1.24	18.9	2.21	2.88	<0.05	0.04	0.08	0.036	0.08	9.8	8.6	1.50	318	4.89	0.02
ZZ85726		1.44	32.3	2.27	3.30	<0.05	0.06	0.09	0.032	0.09	9.0	9.5	0.62	814	4.96	0.01
ZZ85727		1.05	36.8	2.08	2.69	<0.05	0.05	0.08	0.027	0.08	8.4	7.6	0.60	457	5.44	0.01
ZZ85728		1.27	46.1	2.64	3.40	0.05	0.05	0.10	0.036	0.10	10.1	10.2	0.67	596	3.59	0.01
ZZ85729		1.12	46.1	1.95	2.57	<0.05	0.06	0.10	0.027	0.09	7.2	7.5	0.77	401	4.99	0.01
ZZ85730		2.04	51.8	3.04	4.15	0.05	0.07	0.12	0.040	0.15	13.2	11.9	1.21	487	10.05	0.01
ZZ85731		1.52	34.5	2.40	3.67	0.05	0.05	0.08	0.032	0.10	10.2	11.1	1.16	236	3.52	0.01
ZZ85732		1.16	28.7	2.36	3.39	<0.05	0.04	0.07	0.029	0.08	9.4	10.0	1.03	273	2.20	0.02
ZZ85733		1.78	31.7	2.55	3.60	<0.05	0.07	0.07	0.039	0.12	11.9	10.8	0.97	590	4.13	0.01
ZZ85734		2.08	52.1	2.97	3.66	0.06	0.11	0.13	0.042	0.15	12.0	10.5	1.71	282	11.95	0.01
ZZ85735		0.97	21.5	2.15	3.51	<0.05	0.04	0.07	0.033	0.08	8.9	9.8	0.58	199	5.32	0.01
ZZ85736		1.32	24.6	2.69	3.60	<0.05	0.04	0.09	0.036	0.10	11.5	11.8	0.59	793	6.51	0.01
ZZ85737		1.48	44.6	2.42	3.65	<0.05	0.05	0.10	0.034	0.10	11.3	10.5	0.62	1160	6.94	0.01
ZZ85738		1.11	37.3	1.71	2.63	<0.05	0.05	0.08	0.023	0.08	6.3	7.4	0.67	3410	5.47	0.01
ZZ85739		1.94	45.1	2.52	4.41	0.05	0.08	0.09	0.045	0.13	12.3	13.7	0.86	415	3.41	0.01
ZZ85740		1.40	38.0	2.48	3.44	<0.05	0.06	0.09	0.034	0.10	11.2	10.3	1.00	463	5.32	0.01
ZZ85741		1.98	55.8	3.37	4.01	0.06	0.08	0.09	0.037	0.14	12.6	13.2	1.81	398	5.88	0.02
ZZ85742		1.74	54.8	3.36	4.11	0.05	0.07	0.08	0.039	0.14	13.4	14.7	1.97	493	4.99	0.02
ZZ85743		1.36	42.1	3.06	3.11	0.05	0.07	0.15	0.029	0.10	12.3	11.6	2.32	588	3.86	0.01
ZZ85744		1.23	32.1	3.05	4.35	<0.05	0.05	0.07	0.034	0.07	13.2	15.0	1.38	613	2.60	0.02
ZZ85745		0.92	22.7	1.90	2.69	<0.05	0.04	0.06	0.021	0.05	6.6	8.4	0.56	516	2.27	0.01
ZZ85746		1.87	28.1	3.28	4.93	<0.05	0.04	0.07	0.037	0.09	13.5	17.6	2.79	588	2.11	0.02
ZZ85747		1.68	32.3	2.46	2.82	0.05	0.07	0.05	0.034	0.08	10.4	9.4	3.18	494	3.00	0.02
ZZ85748		1.17	32.8	3.02	3.86	0.05	0.07	0.08	0.042	0.07	12.8	15.2	1.32	810	2.67	0.01
ZZ85749		0.96	26.7	2.51	2.87	<0.05	0.04	0.08	0.027	0.06	6.9	11.6	0.85	770	2.02	0.02
ZZ85750		1.91	26.5	3.02	3.55	0.05	0.03	0.04	0.033	0.07	11.7	11.3	3.61	500	1.93	0.02
ZZ85751		1.78	24.5	2.93	3.46	<0.05	0.03	0.03	0.033	0.06	11.6	11.0	3.51	637	1.82	0.01
ZZ85752		1.64	21.5	2.90	3.03	<0.05	0.03	0.03	0.031	0.05	10.2	9.9	4.51	466	1.72	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ85713		1.20	43.3	1060	36.1	12.0	0.002	0.06	1.28	2.9	0.6	0.8	63.7	<0.01	0.04	1.4
ZZ85714		1.31	40.9	1230	32.0	10.3	0.001	0.08	1.25	2.9	0.9	0.8	52.8	<0.01	0.02	1.6
ZZ85715		1.33	32.1	1050	22.3	7.9	0.004	0.20	1.21	2.7	2.2	0.6	46.4	<0.01	0.03	1.6
ZZ85716		1.58	30.4	1020	23.2	9.7	<0.001	0.08	1.19	2.5	1.3	1.9	43.8	<0.01	0.02	0.9
ZZ85717		1.53	32.6	1200	19.9	12.9	0.002	0.07	1.18	2.9	1.2	0.6	44.3	<0.01	0.03	1.7
ZZ85718		1.75	43.9	980	28.0	11.8	0.001	0.02	1.14	5.3	1.3	0.8	28.5	<0.01	0.04	2.6
ZZ85719		1.54	34.8	800	21.4	10.3	0.002	0.06	1.05	3.4	1.3	0.8	36.3	<0.01	0.04	2.1
ZZ85720		1.01	42.3	1100	20.1	9.7	0.005	0.10	1.80	2.4	2.2	0.8	41.2	<0.01	0.05	1.5
ZZ85721		0.80	44.6	1000	15.5	8.5	0.008	0.19	1.97	1.7	2.7	0.6	48.9	<0.01	0.03	0.8
ZZ85722		1.10	63.6	1270	21.7	13.0	0.001	0.03	2.09	3.9	1.5	0.8	36.7	<0.01	0.05	3.2
ZZ85723		1.05	63.2	1230	23.3	12.2	0.001	0.02	2.10	3.6	1.8	0.7	44.8	<0.01	0.05	3.3
ZZ85724		0.92	37.8	1060	22.0	9.4	0.003	0.06	1.64	2.5	2.0	0.8	40.5	<0.01	0.05	2.0
ZZ85725		0.85	32.0	1150	21.3	7.9	0.001	0.04	1.56	2.4	1.6	0.7	40.3	<0.01	0.05	2.0
ZZ85726		0.91	48.4	1080	20.5	10.4	0.009	0.13	2.07	2.1	4.0	0.9	46.5	<0.01	0.04	1.0
ZZ85727		0.82	41.6	1000	17.1	7.2	0.006	0.11	2.18	1.5	4.8	0.7	43.8	<0.01	0.04	0.7
ZZ85728		0.95	53.0	1000	23.3	11.6	0.005	0.11	2.15	2.2	5.1	0.8	44.1	<0.01	0.05	1.0
ZZ85729		0.81	50.0	950	15.2	8.9	0.003	0.14	2.22	1.6	4.0	0.6	50.9	<0.01	0.04	0.7
ZZ85730		1.22	69.0	1280	25.5	16.1	0.001	0.07	3.04	3.3	2.9	1.1	47.9	<0.01	0.07	2.4
ZZ85731		1.10	45.1	1070	20.6	11.9	0.008	0.15	1.75	2.6	3.1	0.9	41.4	<0.01	0.03	1.5
ZZ85732		1.04	34.3	960	18.2	9.4	0.005	0.11	1.20	2.0	2.1	0.7	32.6	<0.01	0.03	0.9
ZZ85733		1.07	44.8	1080	27.1	12.6	0.004	0.08	1.91	2.8	2.0	1.2	37.6	<0.01	0.04	2.3
ZZ85734		1.17	64.3	1270	28.0	16.9	0.001	0.08	3.22	3.2	2.7	1.2	59.0	<0.01	0.08	2.8
ZZ85735		0.92	31.9	530	18.1	7.7	0.001	0.06	1.52	2.0	2.1	0.9	28.3	<0.01	0.05	1.2
ZZ85736		0.94	38.4	890	24.1	9.3	0.004	0.07	1.62	2.5	3.6	0.9	38.6	<0.01	0.04	1.6
ZZ85737		0.96	63.2	910	23.7	10.9	0.006	0.11	2.02	2.6	3.4	0.9	39.4	<0.01	0.04	1.5
ZZ85738		0.66	57.4	880	15.1	9.1	0.016	0.25	2.07	1.4	4.8	0.7	56.1	<0.01	0.05	0.5
ZZ85739		1.30	59.2	1050	23.9	15.1	0.005	0.12	2.28	3.4	3.5	1.1	42.9	<0.01	0.04	2.6
ZZ85740		0.97	52.4	1130	21.2	10.4	0.002	0.08	1.99	2.6	1.7	0.8	41.7	<0.01	0.05	2.1
ZZ85741		1.16	58.3	1230	23.3	18.0	0.004	0.05	2.25	3.6	2.0	0.7	49.2	<0.01	0.05	2.9
ZZ85742		1.14	58.2	1300	20.7	13.4	0.001	0.04	1.97	3.8	1.8	0.7	42.1	<0.01	0.06	2.7
ZZ85743		0.97	42.6	1110	19.8	10.9	<0.001	0.02	1.61	3.1	1.1	0.6	47.2	<0.01	0.04	2.9
ZZ85744		1.21	41.8	1110	22.4	10.0	0.002	0.04	1.18	3.4	1.4	0.6	32.5	<0.01	0.03	1.9
ZZ85745		0.84	26.7	840	14.0	8.0	0.001	0.11	1.05	1.5	1.6	0.5	47.4	<0.01	0.02	0.6
ZZ85746		1.71	40.6	1100	22.9	17.0	<0.001	0.02	1.03	4.3	1.2	0.6	37.4	<0.01	0.04	2.2
ZZ85747		1.06	37.8	1220	21.0	11.7	0.001	0.01	1.57	2.7	1.0	0.6	46.7	<0.01	0.04	2.6
ZZ85748		1.38	39.4	1030	28.1	10.5	0.002	0.07	1.39	3.6	1.5	0.6	32.9	<0.01	0.04	2.9
ZZ85749		0.92	28.1	950	19.1	7.8	0.005	0.17	1.13	1.9	2.2	0.5	59.2	<0.01	0.03	0.7
ZZ85750		1.16	39.9	1070	32.2	10.7	0.002	0.04	1.31	2.8	1.1	0.8	85.2	<0.01	0.02	1.6
ZZ85751		1.12	38.3	990	31.2	10.8	0.002	0.04	1.29	2.6	1.1	0.8	69.0	<0.01	0.03	1.4
ZZ85752		1.03	35.3	950	32.0	7.0	0.001	0.02	1.18	2.6	0.8	0.8	93.9	<0.01	0.04	1.6

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ85713		0.057	0.31	1.18	41	2.22	8.41	413	0.9
ZZ85714		0.052	0.25	1.78	45	2.14	8.66	366	1.2
ZZ85715		0.034	0.14	2.47	46	2.31	7.88	208	2.1
ZZ85716		0.043	0.16	1.98	48	2.21	9.83	163	1.0
ZZ85717		0.045	0.19	1.51	52	1.14	8.24	191	1.2
ZZ85718		0.051	0.20	0.79	60	7.12	13.85	198	1.5
ZZ85719		0.036	0.17	1.90	59	0.62	7.43	177	1.4
ZZ85720		0.029	0.22	4.19	62	0.75	7.33	250	2.2
ZZ85721		0.023	0.21	11.80	51	0.59	6.23	210	2.3
ZZ85722		0.039	0.30	1.59	62	1.57	10.90	226	3.2
ZZ85723		0.035	0.27	1.44	55	0.77	10.85	212	2.9
ZZ85724		0.031	0.28	1.91	61	0.87	8.36	233	2.5
ZZ85725		0.031	0.23	1.22	60	0.79	7.28	207	1.8
ZZ85726		0.027	0.28	4.30	60	0.62	6.96	255	2.2
ZZ85727		0.024	0.18	3.34	54	0.42	6.69	183	1.9
ZZ85728		0.027	0.29	3.01	62	0.48	8.22	249	2.0
ZZ85729		0.023	0.24	4.45	53	0.37	6.98	223	2.3
ZZ85730		0.040	0.44	1.96	94	0.60	10.80	345	3.0
ZZ85731		0.033	0.35	3.45	58	0.61	7.26	319	2.2
ZZ85732		0.031	0.27	3.02	47	0.80	6.66	304	1.4
ZZ85733		0.033	0.36	2.23	62	0.95	7.94	307	2.6
ZZ85734		0.038	0.47	1.45	90	0.84	9.34	340	4.5
ZZ85735		0.025	0.22	1.27	65	1.05	4.52	199	1.4
ZZ85736		0.031	0.26	3.52	63	1.28	8.48	220	1.7
ZZ85737		0.030	0.32	4.63	68	0.99	8.63	295	2.1
ZZ85738		0.020	0.28	9.40	45	0.51	6.17	201	1.7
ZZ85739		0.039	0.36	2.96	82	0.80	9.23	363	3.4
ZZ85740		0.033	0.26	1.96	68	0.90	8.15	265	2.4
ZZ85741		0.036	0.30	2.16	57	3.19	9.75	227	3.4
ZZ85742		0.037	0.26	1.48	55	1.75	10.75	197	3.0
ZZ85743		0.033	0.21	0.87	39	1.10	8.23	152	2.8
ZZ85744		0.038	0.14	1.35	55	0.80	10.40	184	1.6
ZZ85745		0.023	0.12	4.12	42	9.39	5.05	192	1.4
ZZ85746		0.050	0.18	0.85	55	1.70	12.55	159	1.3
ZZ85747		0.038	0.22	0.75	38	2.24	8.02	163	2.7
ZZ85748		0.033	0.16	1.41	47	2.32	10.25	192	2.6
ZZ85749		0.024	0.11	4.42	37	0.60	6.10	187	1.6
ZZ85750		0.050	0.23	1.01	38	1.77	8.26	341	1.1
ZZ85751		0.047	0.23	1.42	38	5.19	8.03	305	1.0
ZZ85752		0.050	0.23	0.88	34	4.92	7.71	312	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85753		0.32	0.017	0.22	1.00	70.5	<0.2	<10	460	0.31	2.89	8.26	1.30	19.25	10.9	29
ZZ85754		0.33	0.036	0.34	1.26	205	<0.2	<10	470	0.47	4.32	5.51	1.33	22.7	13.2	37
ZZ85755		0.25	0.019	0.28	1.13	179.0	<0.2	<10	440	0.42	3.75	6.08	1.39	21.6	11.6	33
ZZ85756		0.41	0.010	0.28	1.44	22.0	<0.2	<10	350	0.89	0.71	3.55	0.82	23.1	13.7	26
ZZ85757		0.13	0.002	0.11	0.31	17.1	<0.2	<10	1080	0.17	0.52	4.71	0.95	4.58	5.8	6
ZZ85758		0.30	0.008	0.29	1.10	43.4	<0.2	<10	420	0.48	1.69	5.04	1.31	23.4	12.5	23
ZZ85759		0.30	0.012	0.34	1.40	26.1	<0.2	<10	560	0.57	2.00	3.28	1.25	19.55	12.1	32
ZZ85760		0.31	0.044	0.35	1.39	34.8	<0.2	<10	290	0.56	3.51	4.16	0.97	23.1	12.4	31
ZZ85761		0.22	0.014	0.28	1.12	29.1	<0.2	<10	550	0.49	1.30	2.42	0.89	21.4	9.7	25
ZZ85762		0.22	0.007	0.25	1.18	28.0	<0.2	<10	590	0.51	1.39	2.13	1.01	20.4	10.9	26
ZZ85763		0.38	0.011	0.43	1.53	39.8	<0.2	<10	480	0.59	1.19	2.96	1.01	24.8	14.0	39
ZZ86851		0.21	0.008	0.29	0.80	21.3	<0.2	<10	1110	0.33	0.66	3.12	2.09	12.45	9.3	21
ZZ86852		0.37	0.011	0.39	1.22	41.6	<0.2	<10	1130	0.51	1.08	2.41	2.06	21.8	11.9	32
ZZ86853		0.14	0.005	0.38	1.11	29.5	<0.2	<10	1500	0.48	1.07	1.46	2.13	19.60	10.7	27
ZZ86854		0.24	0.020	0.37	1.18	26.9	<0.2	<10	1760	0.44	1.02	1.96	2.50	18.60	10.8	28
ZZ86855		0.26	0.010	0.37	1.72	31.8	<0.2	<10	1840	0.63	1.02	2.31	1.77	19.65	14.0	46
ZZ86856		0.22	0.008	0.26	1.33	34.1	<0.2	<10	1330	0.54	1.30	1.56	1.92	21.5	12.5	29
ZZ86857		0.30	0.007	0.31	1.07	24.0	<0.2	<10	2250	0.40	0.95	2.39	1.94	20.1	11.2	23
ZZ86858		0.12	0.006	0.29	0.97	17.9	<0.2	<10	1360	0.37	0.94	2.69	1.86	14.45	8.4	21

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ85753		1.60	23.8	2.32	3.09	<0.05	0.04	0.04	0.032	0.06	10.2	10.3	3.55	301	1.22	0.01
ZZ85754		1.90	30.0	3.19	4.01	0.05	0.04	0.05	0.041	0.08	12.0	13.3	3.12	513	2.12	0.02
ZZ85755		1.90	24.1	2.78	3.58	<0.05	0.03	0.04	0.038	0.06	11.0	12.0	3.46	787	1.77	0.01
ZZ85756		1.61	47.6	3.35	4.45	0.06	0.12	0.14	0.033	0.16	11.4	25.3	1.28	534	2.08	0.01
ZZ85757		0.29	17.2	1.06	0.92	<0.05	0.02	0.07	0.009	0.02	2.4	2.8	0.38	3430	2.47	0.01
ZZ85758		1.74	42.2	2.81	3.32	0.05	0.09	0.07	0.029	0.15	12.4	12.5	2.20	640	3.46	0.01
ZZ85759		1.32	38.5	2.69	4.73	<0.05	0.05	0.07	0.038	0.07	10.1	15.4	1.39	274	1.60	0.01
ZZ85760		2.08	27.2	2.96	4.34	0.05	0.03	0.06	0.042	0.06	12.9	13.5	2.95	751	2.30	0.02
ZZ85761		1.05	28.6	2.49	3.53	<0.05	0.06	0.07	0.031	0.07	11.2	13.2	1.24	470	3.35	0.01
ZZ85762		1.05	36.9	2.61	3.55	0.05	0.05	0.06	0.030	0.06	11.0	12.6	0.78	759	2.90	0.01
ZZ85763		2.04	54.6	3.34	4.88	0.05	0.05	0.09	0.039	0.12	13.7	17.2	1.74	565	4.05	0.02
ZZ86851		1.34	35.9	2.01	2.49	<0.05	0.04	0.08	0.030	0.06	6.4	8.0	0.62	872	2.86	0.01
ZZ86852		1.86	49.4	2.91	3.92	0.05	0.07	0.08	0.039	0.12	11.8	12.0	1.40	529	6.67	0.02
ZZ86853		1.31	32.1	2.39	3.48	0.05	0.05	0.09	0.032	0.09	10.8	10.5	0.57	427	5.56	0.01
ZZ86854		1.64	37.4	2.40	3.73	0.05	0.05	0.09	0.036	0.11	9.8	11.0	0.85	516	5.74	0.01
ZZ86855		2.20	37.6	2.76	5.29	0.05	0.05	0.08	0.040	0.12	10.8	16.3	1.76	532	4.89	0.03
ZZ86856		1.44	31.6	2.78	4.06	0.05	0.05	0.07	0.037	0.12	11.2	12.8	0.76	1290	5.31	0.02
ZZ86857		1.31	28.0	2.38	3.15	<0.05	0.05	0.07	0.033	0.09	10.8	9.4	1.35	984	4.59	0.02
ZZ86858		1.07	29.9	1.95	2.87	0.05	0.04	0.08	0.028	0.07	7.4	8.7	0.74	605	1.87	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ85753		1.08	35.1	950	28.6	9.7	0.002	0.04	0.98	2.6	0.7	0.7	74.9	<0.01	0.02	1.6
ZZ85754		1.31	44.5	1060	34.1	10.6	0.001	0.05	1.43	3.4	1.1	0.8	55.7	<0.01	0.04	1.8
ZZ85755		1.22	39.2	960	31.3	10.0	0.001	0.03	1.23	3.0	1.0	0.7	61.0	<0.01	0.05	1.7
ZZ85756		0.70	42.4	630	23.9	11.0	0.002	0.02	1.35	4.6	1.1	0.5	67.8	<0.01	0.06	4.0
ZZ85757		0.36	13.6	820	5.5	2.1	0.022	0.36	1.10	0.3	8.4	<0.2	91.1	<0.01	0.03	<0.2
ZZ85758		1.31	42.7	1100	24.8	13.5	0.002	0.03	1.87	3.3	1.1	0.6	74.8	<0.01	0.04	3.4
ZZ85759		1.94	38.4	1090	26.0	8.9	0.001	0.12	1.58	3.9	1.5	0.6	57.0	0.01	0.03	1.7
ZZ85760		1.77	37.7	1180	27.0	8.3	<0.001	0.02	1.33	4.2	0.8	0.7	36.8	<0.01	0.06	2.2
ZZ85761		1.10	37.5	1000	20.4	9.6	0.003	0.07	1.50	2.6	2.0	0.6	35.9	<0.01	0.04	1.5
ZZ85762		1.15	39.2	1030	19.8	7.8	0.002	0.07	1.52	2.4	1.9	0.5	41.5	<0.01	0.04	1.0
ZZ85763		1.39	57.5	1110	21.5	14.5	<0.001	0.02	1.79	4.7	1.4	0.7	48.1	<0.01	0.05	2.9
ZZ86851		0.87	40.6	880	11.8	7.6	0.003	0.12	1.87	1.7	3.2	0.9	62.4	<0.01	0.05	0.6
ZZ86852		1.25	59.9	1130	19.5	14.7	<0.001	0.04	2.46	3.5	1.8	0.8	44.6	<0.01	0.05	2.4
ZZ86853		1.12	45.6	940	21.8	9.5	0.003	0.07	2.20	2.5	2.7	0.8	39.9	<0.01	0.06	1.4
ZZ86854		1.17	53.5	980	19.8	12.2	0.001	0.08	2.30	2.6	2.5	0.8	44.7	<0.01	0.05	1.4
ZZ86855		1.08	56.3	1070	20.3	14.6	0.001	0.04	1.94	4.7	1.5	0.9	53.2	<0.01	0.05	2.3
ZZ86856		1.11	43.5	940	23.2	16.3	0.003	0.07	1.85	2.7	2.3	0.9	35.8	<0.01	0.05	1.2
ZZ86857		0.99	42.2	1020	20.6	10.0	0.003	0.06	1.99	2.2	1.7	0.7	45.7	<0.01	0.04	1.7
ZZ86858		0.94	33.4	800	16.4	9.6	0.003	0.12	1.52	1.8	2.2	0.6	43.7	<0.01	0.04	0.8

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ85753		0.045	0.20	1.10	34	1.90	7.52	260	1.3
ZZ85754		0.050	0.26	1.16	42	1.75	9.56	368	1.3
ZZ85755		0.048	0.26	0.77	37	2.79	8.43	324	1.1
ZZ85756		0.010	0.18	0.88	37	0.26	9.01	153	4.7
ZZ85757		0.007	0.10	7.05	12	0.24	3.05	66	0.6
ZZ85758		0.036	0.26	0.89	40	0.98	8.35	163	3.8
ZZ85759		0.047	0.16	1.38	51	2.42	8.77	181	2.0
ZZ85760		0.050	0.25	1.02	49	2.75	12.70	158	1.1
ZZ85761		0.027	0.18	2.06	44	1.79	8.07	153	1.6
ZZ85762		0.028	0.17	1.53	41	0.75	9.24	134	1.6
ZZ85763		0.048	0.34	1.32	57	0.59	11.40	175	2.2
ZZ86851		0.022	0.21	5.25	39	0.35	6.32	144	1.6
ZZ86852		0.039	0.33	1.62	66	0.64	9.77	232	2.7
ZZ86853		0.030	0.28	2.68	71	0.52	8.06	247	1.9
ZZ86854		0.034	0.35	2.09	74	0.99	7.30	270	2.1
ZZ86855		0.052	0.37	1.55	67	1.11	8.48	215	2.3
ZZ86856		0.032	0.27	3.47	59	0.99	7.38	285	1.6
ZZ86857		0.029	0.29	1.68	55	0.69	6.97	227	1.9
ZZ86858		0.024	0.21	3.59	41	0.46	5.97	231	1.6

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE WH13145824

Project: RAU

P.O. No.: S13-R3

This report is for 202 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86217		0.40	0.005	0.30	1.35	20.7	<0.2	<10	190	0.28	0.25	0.29	0.53	20.2	13.7	23
ZZ86218		0.36	0.002	0.30	1.09	15.6	<0.2	<10	140	0.27	0.24	0.07	0.29	19.70	6.9	21
ZZ86219		0.37	0.022	0.78	1.01	14.3	<0.2	<10	170	0.24	0.30	0.06	0.39	23.9	5.6	20
ZZ86220		0.37	0.002	0.11	1.66	15.4	<0.2	<10	140	0.48	0.30	0.06	0.30	28.5	9.7	31
ZZ86221		0.38	0.002	0.06	1.72	13.5	<0.2	<10	150	0.38	0.25	0.07	0.16	26.4	8.8	30
ZZ86222		0.47	0.004	0.39	1.10	21.4	<0.2	<10	80	0.21	0.37	0.08	0.25	27.7	9.7	20
ZZ86223		0.37	0.002	0.23	0.92	13.2	<0.2	<10	150	0.20	0.29	0.04	0.38	22.7	8.1	20
ZZ86224		0.37	0.008	0.29	1.34	70.9	<0.2	<10	180	0.20	0.30	0.07	0.33	38.8	26.7	17
ZZ86225		0.43	0.006	0.26	1.87	18.4	<0.2	<10	240	0.38	0.30	0.06	0.37	23.8	19.3	28
ZZ86226		0.38	0.011	0.39	1.63	12.2	<0.2	<10	250	0.38	0.30	0.04	0.36	26.2	8.7	36
ZZ86227		0.39	0.022	0.94	1.59	21.5	<0.2	<10	280	0.38	0.35	0.04	0.53	25.3	12.1	39
ZZ86228		0.45	0.033	1.77	1.21	30.6	<0.2	<10	340	0.23	0.36	0.02	0.35	30.7	6.0	34
ZZ86229		0.41	0.022	1.45	1.25	69.2	<0.2	<10	460	0.29	0.50	0.02	0.48	27.7	10.1	26
ZZ86230		0.42	0.008	1.17	1.12	32.2	<0.2	<10	310	0.29	0.38	0.01	0.37	35.7	6.6	15
ZZ86231		0.42	0.029	2.05	1.11	66.9	<0.2	<10	340	0.29	0.46	0.03	0.45	35.6	6.4	23
ZZ86232		0.46	0.037	2.69	0.93	49.6	<0.2	<10	230	0.32	0.45	0.02	1.76	29.3	4.8	23
ZZ86233		0.46	0.014	1.65	1.06	17.4	<0.2	<10	150	0.29	0.34	0.03	0.99	31.4	9.7	20
ZZ86234		0.51	0.036	2.29	1.36	36.5	<0.2	<10	130	0.44	0.36	0.03	0.95	25.4	9.7	25
ZZ86235		0.45	0.020	1.13	1.19	22.3	<0.2	<10	200	0.34	0.33	0.04	0.40	35.6	6.0	20
ZZ86236		0.41	0.016	2.13	1.24	28.8	<0.2	<10	180	0.36	0.35	0.04	0.42	34.3	6.4	21
ZZ86237		0.37	0.005	1.84	0.77	17.6	<0.2	<10	290	0.24	0.37	0.05	1.20	29.9	7.7	14
ZZ86238		0.45	0.007	0.42	0.93	33.8	<0.2	<10	180	0.35	0.29	0.19	0.21	48.8	11.5	12
ZZ86239		0.44	0.006	0.23	1.31	27.7	<0.2	<10	140	0.48	0.34	0.12	0.30	40.2	11.1	21
ZZ86240		0.39	0.003	0.61	0.80	18.3	<0.2	<10	210	0.29	0.35	0.48	0.62	27.9	7.7	15
ZZ86241		0.38	0.002	0.97	0.80	11.6	<0.2	<10	210	0.25	0.29	0.08	0.44	21.9	8.0	14
ZZ86242		0.42	0.005	0.59	1.43	30.8	<0.2	<10	170	0.40	0.36	0.08	0.32	35.3	10.7	30
ZZ86243		0.32	0.003	0.73	0.98	21.6	<0.2	<10	170	0.28	0.33	0.05	0.45	29.3	7.6	17
ZZ86244		0.35	0.003	0.23	1.86	23.2	<0.2	<10	130	0.46	0.28	0.08	0.65	27.4	10.9	32
ZZ86245		0.45	0.002	0.96	1.86	10.3	<0.2	<10	210	0.52	0.31	0.08	0.75	30.8	9.5	26
ZZ86246		0.34	0.003	0.55	1.42	42.0	<0.2	<10	240	0.46	0.38	0.08	0.66	48.6	10.7	18
ZZ86247		0.47	0.002	0.14	1.85	24.0	<0.2	<10	130	0.44	0.33	0.06	0.13	29.5	11.1	32
ZZ86248		0.41	0.002	0.40	0.68	25.4	<0.2	<10	250	0.20	0.37	0.14	0.50	26.7	12.2	11
ZZ86249		0.32	0.004	0.20	2.06	17.6	<0.2	<10	170	0.69	0.22	0.42	0.16	32.6	16.6	63
ZZ86250		0.50	0.007	0.59	1.80	34.4	<0.2	<10	220	0.54	0.28	0.13	0.56	31.6	11.7	36
ZZ86251		0.36	0.015	0.87	0.82	19.0	<0.2	<10	270	0.27	0.32	0.01	0.20	33.3	1.8	21
ZZ86252		0.39	0.005	0.36	1.30	11.9	<0.2	<10	160	0.31	0.26	0.04	0.19	28.8	6.7	23
ZZ86253		0.37	0.147	0.36	1.37	8.2	<0.2	<10	170	0.32	0.27	0.11	0.31	31.8	8.7	32
ZZ86254		0.44	0.006	0.18	1.92	16.3	<0.2	<10	110	0.52	0.32	0.26	0.18	35.5	17.3	47
ZZ86255		0.45	0.007	0.45	2.07	17.8	<0.2	<10	200	0.80	0.28	0.35	0.28	42.7	21.3	54
ZZ86256		0.41	0.002	0.13	2.36	12.8	<0.2	<10	200	0.87	0.24	0.27	0.17	41.1	19.7	60

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86217		3.16	119.5	2.68	4.38	0.05	<0.02	0.03	0.024	0.18	10.7	17.5	0.59	1700	1.78	0.01
ZZ86218		0.93	27.3	2.30	4.61	<0.05	<0.02	0.04	0.018	0.05	10.0	9.5	0.22	925	1.72	0.01
ZZ86219		1.39	53.3	2.38	5.12	<0.05	<0.02	0.05	0.021	0.06	12.2	7.3	0.23	383	2.32	<0.01
ZZ86220		1.33	40.9	3.21	6.49	0.06	0.02	0.04	0.032	0.05	13.8	16.9	0.39	619	1.62	<0.01
ZZ86221		1.20	33.0	3.02	6.23	0.05	<0.02	0.04	0.028	0.03	13.1	18.6	0.48	346	1.58	0.01
ZZ86222		1.57	37.8	3.14	6.10	0.05	<0.02	0.04	0.025	0.05	13.5	10.5	0.28	850	1.86	<0.01
ZZ86223		1.15	56.1	2.68	5.24	0.05	<0.02	0.06	0.022	0.05	11.5	5.3	0.16	1560	2.45	0.01
ZZ86224		4.47	129.0	4.02	3.73	0.06	0.02	0.02	0.019	0.15	16.8	13.5	0.67	3580	6.75	<0.01
ZZ86225		4.04	118.5	4.03	4.42	<0.05	0.03	0.03	0.023	0.18	11.7	21.4	0.65	631	2.59	0.01
ZZ86226		3.56	73.4	3.53	5.07	<0.05	0.02	0.03	0.025	0.15	12.8	18.6	0.59	324	2.13	<0.01
ZZ86227		2.97	139.5	4.73	4.74	0.06	0.09	0.04	0.028	0.21	12.6	16.2	0.52	371	4.81	0.01
ZZ86228		3.25	122.0	4.89	4.07	0.07	0.03	0.05	0.033	0.21	16.0	11.1	0.43	270	8.64	0.01
ZZ86229		2.73	145.0	4.89	3.48	0.07	0.25	0.09	0.057	0.21	14.2	7.6	0.27	397	27.0	0.03
ZZ86230		2.88	69.2	3.74	3.69	0.06	0.02	0.04	0.027	0.17	17.9	8.8	0.23	384	12.55	0.02
ZZ86231		2.05	91.0	4.42	4.43	0.06	<0.02	0.08	0.047	0.17	17.7	8.3	0.20	706	18.55	0.02
ZZ86232		0.72	148.0	6.43	3.55	0.07	<0.02	0.06	0.054	0.08	16.7	3.6	0.06	320	12.60	0.02
ZZ86233		1.27	78.1	3.92	3.66	0.05	<0.02	0.04	0.026	0.07	15.8	9.8	0.23	370	4.21	0.01
ZZ86234		0.70	169.5	6.66	3.00	0.06	0.02	0.05	0.049	0.05	13.2	9.6	0.19	242	6.95	0.05
ZZ86235		0.87	43.3	3.07	4.49	0.05	<0.02	0.13	0.032	0.06	18.9	10.2	0.19	187	3.78	0.01
ZZ86236		0.72	43.0	3.84	4.13	0.05	<0.02	0.06	0.036	0.06	18.6	10.6	0.20	238	5.53	0.01
ZZ86237		0.78	37.2	2.81	3.54	<0.05	<0.02	0.05	0.028	0.06	15.7	4.3	0.09	1230	5.57	0.02
ZZ86238		0.67	51.5	3.05	2.21	0.06	<0.02	0.03	0.025	0.05	24.0	11.6	0.17	953	2.18	<0.01
ZZ86239		0.82	45.4	3.34	3.73	0.05	<0.02	0.03	0.034	0.06	19.6	15.9	0.32	818	2.78	<0.01
ZZ86240		0.62	53.5	2.49	3.76	<0.05	<0.02	0.02	0.023	0.08	15.3	6.1	0.16	1020	3.48	<0.01
ZZ86241		0.67	30.2	2.08	4.05	<0.05	<0.02	0.03	0.020	0.06	11.1	3.5	0.11	1240	2.52	<0.01
ZZ86242		0.78	51.9	3.72	5.13	0.05	<0.02	0.04	0.031	0.07	16.5	14.2	0.42	857	5.36	0.01
ZZ86243		0.65	40.6	2.97	4.59	<0.05	<0.02	0.05	0.027	0.07	14.3	6.4	0.13	742	7.29	0.01
ZZ86244		0.91	41.0	3.26	5.68	<0.05	<0.02	0.04	0.029	0.07	13.4	17.0	0.48	1340	2.45	<0.01
ZZ86245		0.94	33.7	3.22	5.75	<0.05	0.04	0.04	0.030	0.06	15.7	18.2	0.34	331	2.94	0.01
ZZ86246		0.70	91.7	4.12	4.01	0.05	<0.02	0.03	0.031	0.05	20.7	12.6	0.26	468	7.09	0.01
ZZ86247		1.65	21.6	3.24	5.98	<0.05	<0.02	0.04	0.025	0.08	14.4	23.5	0.52	552	1.90	<0.01
ZZ86248		0.58	19.0	2.02	3.52	<0.05	<0.02	0.07	0.014	0.10	12.4	3.0	0.11	2910	1.07	<0.01
ZZ86249		1.97	41.3	4.12	7.81	0.05	0.02	0.03	0.025	0.08	16.3	24.2	1.18	846	2.10	<0.01
ZZ86250		0.94	45.4	3.52	5.99	0.05	<0.02	0.09	0.029	0.06	16.1	16.8	0.54	548	4.54	<0.01
ZZ86251		0.43	28.8	4.29	4.27	0.05	<0.02	0.07	0.026	0.08	18.5	4.8	0.12	103	6.32	0.02
ZZ86252		0.79	33.1	3.06	4.47	0.05	<0.02	0.04	0.019	0.06	15.3	12.9	0.37	259	2.67	0.01
ZZ86253		0.83	31.4	3.23	5.94	0.05	<0.02	0.03	0.020	0.09	16.5	11.2	0.53	384	2.44	0.01
ZZ86254		1.38	72.6	4.16	6.45	0.06	<0.02	0.03	0.032	0.08	18.3	24.3	0.97	1510	1.75	<0.01
ZZ86255		2.02	77.0	4.17	7.00	0.06	0.02	0.04	0.033	0.16	21.4	23.0	1.10	1080	2.77	0.01
ZZ86256		1.41	29.2	4.50	8.31	0.06	0.03	0.02	0.030	0.10	19.5	21.9	1.29	710	1.90	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13145824

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86217	0.21	28.4	1840	14.0	24.3	<0.001	0.05	0.82	0.9	1.8	0.3	69.9	<0.01	0.17	0.2
ZZ86218	0.31	17.3	780	9.9	12.0	<0.001	0.02	0.62	0.6	0.6	0.4	10.7	<0.01	0.06	<0.2
ZZ86219	1.07	17.0	1030	12.7	16.9	<0.001	0.04	0.74	1.0	0.6	0.5	14.5	<0.01	0.07	<0.2
ZZ86220	2.68	19.8	670	28.8	14.5	<0.001	0.02	0.79	2.8	0.5	0.7	10.2	<0.01	0.06	1.3
ZZ86221	1.96	21.2	310	14.6	9.6	<0.001	0.02	0.68	2.7	0.5	0.6	10.1	<0.01	0.05	1.1
ZZ86222	1.15	15.7	1280	16.5	14.5	<0.001	0.02	0.66	1.9	0.8	0.6	13.7	<0.01	0.08	0.9
ZZ86223	0.60	18.8	1090	14.1	17.4	<0.001	0.03	0.84	0.8	1.0	0.5	12.8	<0.01	0.08	<0.2
ZZ86224	0.56	59.9	450	25.0	20.9	<0.001	0.02	1.32	2.2	1.3	0.2	23.0	<0.01	0.20	3.8
ZZ86225	1.43	47.7	590	15.5	30.5	<0.001	0.06	1.01	2.1	1.8	0.3	28.2	<0.01	0.13	2.4
ZZ86226	1.22	32.0	400	15.5	29.1	<0.001	0.07	0.84	2.2	2.3	0.3	19.9	<0.01	0.13	2.0
ZZ86227	0.79	57.4	550	21.9	28.1	<0.001	0.22	1.44	2.4	3.9	0.2	48.6	<0.01	0.22	3.4
ZZ86228	0.43	28.6	710	21.3	30.4	0.001	0.21	2.30	1.6	5.4	0.2	56.7	<0.01	0.23	2.2
ZZ86229	0.31	25.7	820	29.8	26.7	<0.001	0.41	5.01	3.4	5.7	0.2	113.5	<0.01	0.35	4.4
ZZ86230	0.31	22.7	850	21.7	27.0	<0.001	0.27	1.91	1.3	2.5	0.2	73.7	<0.01	0.23	2.7
ZZ86231	0.32	20.3	1090	26.5	22.0	<0.001	0.34	3.02	1.0	4.7	0.3	85.4	<0.01	0.26	1.1
ZZ86232	0.29	27.6	1660	32.9	10.8	<0.001	0.18	3.56	0.7	7.4	0.3	110.0	<0.01	0.29	0.5
ZZ86233	0.44	42.1	800	18.7	10.7	<0.001	0.09	0.98	0.9	2.1	0.3	46.2	<0.01	0.14	0.7
ZZ86234	0.81	57.1	1180	28.5	6.8	<0.001	0.22	1.87	1.7	7.2	0.3	51.6	0.01	0.22	1.7
ZZ86235	0.56	27.1	930	20.7	10.0	<0.001	0.06	1.01	1.0	2.0	0.4	28.9	<0.01	0.14	0.5
ZZ86236	0.70	28.6	930	23.3	9.2	<0.001	0.08	1.38	1.3	3.4	0.4	36.8	<0.01	0.12	1.0
ZZ86237	0.18	23.6	1170	24.3	11.4	<0.001	0.10	0.85	0.3	1.8	0.4	42.4	<0.01	0.12	<0.2
ZZ86238	0.19	28.2	1690	19.3	7.3	<0.001	0.02	0.59	1.2	1.1	0.2	27.6	<0.01	0.08	1.4
ZZ86239	0.74	32.7	1310	23.9	9.8	<0.001	0.02	0.68	2.2	1.0	0.4	28.3	<0.01	0.11	2.4
ZZ86240	0.11	24.7	2930	16.5	12.9	<0.001	0.04	0.71	0.3	1.0	0.4	66.4	<0.01	0.15	<0.2
ZZ86241	0.30	16.9	1360	14.3	11.2	<0.001	0.04	0.41	0.3	0.5	0.4	23.0	<0.01	0.06	<0.2
ZZ86242	2.06	30.6	1040	18.2	12.3	<0.001	0.07	0.81	1.5	1.2	0.4	31.4	<0.01	0.17	0.7
ZZ86243	0.98	24.3	940	16.7	10.6	<0.001	0.06	0.73	0.7	1.0	0.5	29.5	<0.01	0.13	0.2
ZZ86244	2.22	36.6	610	14.9	11.9	<0.001	0.02	0.66	2.4	0.9	0.6	16.0	0.01	0.06	1.0
ZZ86245	2.95	22.5	640	15.4	11.9	<0.001	0.03	0.67	2.4	0.7	0.6	16.7	0.01	0.06	3.4
ZZ86246	1.21	37.8	1110	22.5	10.9	<0.001	0.06	1.18	1.7	1.3	0.4	54.9	<0.01	0.24	1.9
ZZ86247	2.62	22.3	370	19.0	15.8	<0.001	0.01	0.51	2.4	0.6	0.6	8.4	0.01	0.06	3.1
ZZ86248	0.62	17.2	810	20.0	12.9	<0.001	0.04	0.47	0.4	0.3	0.4	12.7	<0.01	0.04	<0.2
ZZ86249	5.25	40.7	1960	14.0	13.9	<0.001	0.04	0.68	2.9	0.9	0.5	50.1	0.01	0.08	1.7
ZZ86250	1.83	30.6	1080	14.8	11.5	<0.001	0.02	0.97	2.4	1.4	0.5	25.7	<0.01	0.07	1.1
ZZ86251	0.39	7.5	1480	22.7	8.9	<0.001	0.18	1.93	0.5	3.2	0.2	137.0	<0.01	0.18	0.8
ZZ86252	1.39	19.3	910	14.5	12.2	<0.001	0.09	0.73	1.2	0.8	0.3	59.9	<0.01	0.08	0.8
ZZ86253	2.81	18.8	1030	16.7	19.6	<0.001	0.07	0.51	1.5	0.7	0.4	30.6	0.01	0.06	0.7
ZZ86254	2.61	39.5	1480	19.4	11.2	<0.001	0.03	0.56	3.6	0.9	0.5	35.6	<0.01	0.22	1.4
ZZ86255	3.57	38.3	1800	18.9	21.6	<0.001	0.07	0.57	2.7	1.3	0.5	48.6	<0.01	0.11	0.9
ZZ86256	5.53	33.8	1010	15.5	17.6	<0.001	0.03	0.50	4.5	1.0	0.6	24.5	<0.01	0.05	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86217	0.030	0.24	1.93	49	0.16	6.29	102	<0.5
ZZ86218	0.023	0.10	0.73	44	0.24	2.37	62	<0.5
ZZ86219	0.040	0.12	0.99	46	0.17	2.33	62	<0.5
ZZ86220	0.076	0.15	0.94	63	0.27	4.02	109	<0.5
ZZ86221	0.053	0.14	0.71	59	0.27	3.60	67	<0.5
ZZ86222	0.047	0.12	0.79	52	0.46	3.13	64	<0.5
ZZ86223	0.026	0.14	0.87	50	0.15	2.19	64	<0.5
ZZ86224	0.070	0.34	1.95	22	0.07	5.34	113	1.8
ZZ86225	0.089	0.27	0.96	44	0.13	2.36	154	1.2
ZZ86226	0.086	0.25	1.12	54	0.13	2.63	106	1.2
ZZ86227	0.068	0.32	2.01	64	0.10	3.29	187	4.7
ZZ86228	0.060	0.36	2.17	68	0.07	2.39	170	1.7
ZZ86229	0.037	0.56	10.00	70	0.14	5.10	146	21.5
ZZ86230	0.029	0.37	2.94	40	0.09	2.22	127	0.9
ZZ86231	0.024	0.33	2.74	61	0.11	2.32	149	0.5
ZZ86232	0.016	0.16	2.51	50	0.10	2.11	198	0.6
ZZ86233	0.020	0.10	1.24	31	0.12	2.29	185	<0.5
ZZ86234	0.026	0.08	2.26	35	0.13	3.17	261	1.2
ZZ86235	0.022	0.10	0.93	42	0.16	2.45	114	<0.5
ZZ86236	0.026	0.11	1.13	41	0.16	2.61	136	<0.5
ZZ86237	0.012	0.07	1.01	35	0.11	1.91	121	<0.5
ZZ86238	0.009	0.06	1.90	19	0.09	8.02	86	<0.5
ZZ86239	0.019	0.09	1.58	34	0.18	5.62	94	<0.5
ZZ86240	0.010	0.07	1.92	34	0.13	7.07	130	<0.5
ZZ86241	0.016	0.08	0.87	35	0.14	1.92	63	<0.5
ZZ86242	0.059	0.08	1.53	49	0.19	3.14	91	0.5
ZZ86243	0.031	0.07	1.58	48	0.16	2.17	91	<0.5
ZZ86244	0.062	0.09	1.55	58	0.23	3.80	107	<0.5
ZZ86245	0.056	0.13	1.15	54	0.23	2.81	115	1.7
ZZ86246	0.022	0.08	1.57	35	0.14	3.41	99	<0.5
ZZ86247	0.066	0.12	0.66	51	0.23	2.17	62	0.5
ZZ86248	0.028	0.07	0.43	32	0.11	1.76	69	<0.5
ZZ86249	0.192	0.11	1.28	84	0.26	5.35	90	1.0
ZZ86250	0.059	0.11	2.31	66	0.23	4.83	99	<0.5
ZZ86251	0.011	0.08	0.59	35	0.06	1.50	81	<0.5
ZZ86252	0.034	0.12	0.86	34	0.17	1.97	74	<0.5
ZZ86253	0.094	0.09	0.74	53	0.17	2.52	79	0.5
ZZ86254	0.129	0.07	2.25	67	0.17	8.23	90	0.6
ZZ86255	0.146	0.15	2.75	89	0.18	9.03	87	0.7
ZZ86256	0.224	0.11	0.99	92	0.25	6.14	81	1.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86257		0.45	0.001	0.18	2.14	12.3	<0.2	<10	130	0.58	0.23	0.22	0.26	34.5	17.4	51
ZZ86310		0.47	0.018	2.68	1.48	14.6	<0.2	<10	330	0.24	0.40	0.02	0.30	30.0	7.6	42
ZZ86311		0.42	0.065	7.80	0.81	66.4	<0.2	<10	200	0.13	0.81	0.01	1.12	12.80	1.4	78
ZZ86312		0.49	0.044	2.53	0.89	21.7	<0.2	<10	360	0.17	0.78	0.07	0.78	29.3	6.2	22
ZZ86313		0.49	0.015	2.54	1.03	24.1	<0.2	<10	580	0.34	0.46	0.08	0.35	38.6	4.1	21
ZZ86314		0.44	0.033	2.30	1.11	46.3	<0.2	<10	220	0.26	0.59	0.01	0.31	29.6	4.9	29
ZZ86315		0.59	0.048	1.81	1.74	237	<0.2	<10	620	0.24	0.70	0.07	0.75	23.9	8.5	40
ZZ86316		0.47	0.015	2.31	1.35	130.0	<0.2	<10	300	0.12	0.30	0.01	0.08	18.50	11.4	29
ZZ86317		0.48	0.084	5.76	1.00	54.1	<0.2	<10	380	0.25	0.99	0.02	0.28	34.7	4.3	21
ZZ86318		0.42	0.009	1.03	1.52	19.6	<0.2	<10	220	0.60	0.30	0.08	0.87	29.4	9.9	24
ZZ86319		0.49	0.021	1.23	1.38	27.1	<0.2	<10	240	0.25	0.43	0.02	0.76	32.0	17.9	25
ZZ86320		0.51	0.084	2.77	1.13	28.2	<0.2	<10	260	0.43	0.73	0.04	0.64	41.5	10.3	28
ZZ86321		0.50	0.003	0.32	1.17	13.0	<0.2	<10	70	0.23	0.24	0.04	0.17	21.0	3.6	16
ZZ86322		0.34	0.005	0.22	1.64	15.2	<0.2	<10	260	0.63	0.37	0.38	0.36	28.5	9.9	25
ZZ86323		0.31	0.001	0.10	1.09	21.3	<0.2	<10	170	0.36	0.44	0.31	0.48	22.6	8.4	18
ZZ86324		0.38	0.009	0.56	1.25	20.4	<0.2	<10	250	0.59	0.37	1.16	0.59	29.8	11.2	22
ZZ86325		0.48	0.003	0.20	0.83	32.2	<0.2	<10	200	0.37	0.50	0.20	0.41	28.4	9.1	13
ZZ86326		0.40	0.002	0.07	0.89	18.5	<0.2	<10	140	0.30	0.29	0.05	0.24	29.4	8.0	12
ZZ86327		0.32	0.004	0.30	1.26	14.6	<0.2	<10	260	0.60	0.34	0.43	0.59	23.4	8.2	21
ZZ86328		0.35	0.008	0.17	1.10	13.9	<0.2	<10	160	0.38	0.33	0.06	0.47	23.3	6.5	18
ZZ86329		0.20	0.013	0.53	1.39	33.0	<0.2	<10	280	0.46	0.34	0.24	0.38	21.9	9.4	24
ZZ86330		0.39	0.004	0.13	1.31	24.6	<0.2	<10	70	0.31	0.35	0.07	0.25	28.7	20.3	21
ZZ86331		0.44	0.003	0.10	1.21	33.0	<0.2	<10	100	0.29	0.46	0.13	0.14	31.7	15.8	17
ZZ86332		0.35	0.003	0.09	1.41	22.1	<0.2	<10	100	0.39	0.36	0.07	0.42	19.60	11.1	21
ZZ86333		0.43	0.003	0.30	0.91	15.4	<0.2	<10	150	0.33	0.30	0.13	0.74	18.35	10.7	12
ZZ86334		0.29	0.001	0.16	0.34	11.6	<0.2	<10	70	0.10	0.17	0.07	0.39	8.85	3.9	7
ZZ86335		0.40	0.002	0.18	1.78	17.4	<0.2	<10	200	0.53	0.31	0.15	0.45	25.3	11.0	28
ZZ86336		0.42	0.003	0.50	0.66	16.7	<0.2	<10	90	0.13	0.24	0.02	0.15	32.8	6.0	10
ZZ86337		0.44	0.011	1.01	1.55	16.1	<0.2	<10	150	0.39	0.36	0.08	0.34	37.7	6.6	23
ZZ86338		0.35	0.012	1.02	1.39	17.6	<0.2	<10	140	0.42	0.29	0.08	0.69	31.1	9.8	20
ZZ86339		0.43	0.005	0.40	0.89	13.3	<0.2	<10	120	0.22	0.30	0.06	0.40	24.5	4.4	15
ZZ86340		0.47	0.002	0.16	1.34	17.0	<0.2	<10	150	0.48	0.69	0.12	0.25	36.1	10.2	21
ZZ86341		0.29	0.001	0.24	1.24	12.8	<0.2	<10	130	0.29	0.29	0.10	0.70	21.5	6.0	19
ZZ86342		0.41	0.009	0.13	1.70	27.0	<0.2	<10	300	0.79	0.41	0.32	1.58	61.0	29.0	21
ZZ86343		0.45	0.009	0.17	0.93	18.6	<0.2	<10	100	0.30	0.30	0.08	0.33	29.7	8.9	18
ZZ86344		0.39	0.006	0.52	1.55	18.1	<0.2	<10	200	0.73	0.30	0.09	0.60	36.6	13.9	26
ZZ86345		0.37	0.005	0.12	1.78	16.8	<0.2	<10	180	0.59	0.32	0.07	0.28	30.3	13.0	29
ZZ86346		0.37	0.006	0.75	1.44	16.2	<0.2	<10	200	0.51	0.28	0.09	0.39	28.4	9.7	24
ZZ86347		0.46	0.008	0.22	1.73	25.7	<0.2	<10	300	0.79	0.37	0.14	0.19	35.4	13.9	29
ZZ86348		0.37	0.002	0.44	1.12	27.1	<0.2	<10	230	0.41	0.33	0.30	0.57	22.7	4.9	18

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86257		1.53	21.5	4.29	9.06	0.05	0.03	0.04	0.024	0.08	16.9	19.4	1.09	711	1.59	<0.01
ZZ86310		6.31	97.6	4.29	5.39	0.08	0.09	0.02	0.033	0.28	15.0	15.1	0.71	171	10.00	<0.01
ZZ86311		5.39	151.5	11.35	4.73	0.22	0.22	0.07	0.081	0.52	8.3	4.9	0.26	75	43.6	0.01
ZZ86312		2.26	117.5	7.03	2.58	0.16	0.09	0.11	0.059	0.12	15.8	4.3	0.26	169	20.5	<0.01
ZZ86313		1.84	37.8	3.54	3.30	0.11	0.06	0.12	0.037	0.16	19.7	7.7	0.33	450	26.7	<0.01
ZZ86314		4.99	97.7	4.57	4.85	0.08	0.14	0.08	0.049	0.22	15.7	11.1	0.51	175	17.00	0.01
ZZ86315		12.05	243	6.38	6.67	0.18	0.31	0.25	0.067	0.49	12.8	22.2	1.31	188	52.1	<0.01
ZZ86316		11.20	130.0	4.41	5.18	0.12	0.03	0.11	0.035	0.44	9.4	13.1	0.98	121	3.53	<0.01
ZZ86317		1.23	160.0	4.03	3.57	0.08	0.19	0.32	0.067	0.13	18.6	5.8	0.15	145	60.4	0.03
ZZ86318		0.80	33.5	2.94	3.92	0.06	0.06	0.07	0.031	0.05	15.5	13.8	0.34	333	2.87	<0.01
ZZ86319		11.95	176.0	4.08	4.46	0.10	0.08	0.03	0.030	0.29	16.2	17.7	0.64	397	4.51	0.01
ZZ86320		0.80	168.5	5.01	3.78	0.09	0.03	0.07	0.057	0.07	21.6	9.4	0.20	287	17.10	0.05
ZZ86321		0.64	27.5	2.45	5.08	<0.05	<0.02	0.04	0.018	0.03	10.8	14.5	0.14	88	2.24	<0.01
ZZ86322		1.03	17.3	3.58	5.08	<0.05	<0.02	0.05	0.055	0.03	12.6	16.9	0.35	1340	1.42	<0.01
ZZ86323		0.89	17.7	2.86	4.59	<0.05	<0.02	0.04	0.033	0.03	10.4	15.2	0.27	535	1.34	<0.01
ZZ86324		0.65	60.9	3.30	3.69	<0.05	0.07	0.09	0.045	0.05	16.4	16.4	0.88	1040	3.25	0.01
ZZ86325		0.49	42.3	2.72	2.39	0.05	0.03	0.05	0.025	0.05	14.1	11.5	0.24	1320	1.34	<0.01
ZZ86326		0.63	23.2	2.48	2.77	<0.05	<0.02	0.03	0.022	0.04	13.3	15.7	0.19	883	1.06	<0.01
ZZ86327		0.73	21.5	2.77	4.33	<0.05	<0.02	0.07	0.044	0.04	11.9	12.0	0.34	713	1.50	<0.01
ZZ86328		0.93	31.6	2.98	4.95	0.07	0.02	0.04	0.032	0.03	11.2	11.6	0.18	315	2.09	<0.01
ZZ86329		1.45	71.9	3.19	4.46	0.10	0.15	0.20	0.035	0.06	12.4	16.9	0.41	429	9.77	0.01
ZZ86330		0.91	43.9	3.70	4.01	<0.05	0.02	0.03	0.024	0.06	14.3	20.1	0.40	1320	1.76	<0.01
ZZ86331		0.71	51.2	3.31	3.56	0.05	0.04	0.03	0.016	0.05	15.8	19.1	0.42	709	1.60	<0.01
ZZ86332		0.71	38.3	3.80	4.55	<0.05	0.02	0.05	0.031	0.04	9.9	29.0	0.36	997	2.27	<0.01
ZZ86333		0.65	41.4	2.38	3.26	<0.05	<0.02	0.06	0.024	0.03	8.9	11.3	0.10	2140	2.27	<0.01
ZZ86334		0.50	39.9	0.98	1.78	<0.05	<0.02	0.07	0.015	0.03	4.1	0.9	0.02	442	1.85	<0.01
ZZ86335		1.00	28.8	3.61	5.59	<0.05	<0.02	0.04	0.039	0.04	11.8	20.7	0.40	720	1.81	<0.01
ZZ86336		0.85	23.7	2.04	3.16	<0.05	<0.02	0.05	0.016	0.04	15.8	5.7	0.09	223	1.86	<0.01
ZZ86337		1.04	48.2	2.74	4.83	0.05	0.03	0.06	0.031	0.05	20.1	11.6	0.31	265	5.55	0.01
ZZ86338		0.61	73.4	3.12	3.13	<0.05	0.03	0.06	0.027	0.05	15.7	13.6	0.24	403	3.03	0.01
ZZ86339		0.75	37.9	2.60	5.07	0.09	0.07	0.07	0.019	0.04	12.8	7.1	0.13	254	2.87	<0.01
ZZ86340		0.63	20.3	2.53	3.68	0.05	0.02	0.06	0.028	0.05	15.0	15.3	0.33	646	0.87	<0.01
ZZ86341		0.67	13.6	2.63	5.78	<0.05	<0.02	0.05	0.021	0.04	10.3	13.3	0.23	585	1.59	<0.01
ZZ86342		0.92	92.9	3.73	3.43	0.09	0.06	0.03	0.028	0.04	23.9	24.5	0.30	1100	2.19	<0.01
ZZ86343		0.61	40.4	3.10	3.53	0.05	<0.02	0.04	0.025	0.04	15.4	9.0	0.17	478	4.31	<0.01
ZZ86344		0.61	55.0	3.26	3.55	0.05	0.07	0.10	0.041	0.06	16.8	14.9	0.43	729	2.14	0.01
ZZ86345		0.84	29.6	3.11	4.67	<0.05	0.02	0.05	0.039	0.05	13.3	16.4	0.46	552	1.58	<0.01
ZZ86346		0.72	43.9	2.92	3.95	<0.05	<0.02	0.08	0.033	0.05	12.8	14.6	0.36	272	1.78	0.01
ZZ86347		0.89	39.5	3.31	4.71	0.05	0.04	0.05	0.051	0.07	16.8	17.5	0.57	868	1.83	<0.01
ZZ86348		1.03	34.0	2.37	5.06	<0.05	<0.02	0.06	0.037	0.04	11.7	9.4	0.20	284	2.01	<0.01

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86257		6.12	27.9	1190	14.4	18.4	<0.001	0.02	0.43	3.8	0.3	0.6	20.7	0.01	0.05	3.5
ZZ86310		0.69	25.9	320	18.9	47.0	<0.001	0.10	1.82	2.3	3.2	0.3	33.2	<0.01	0.28	3.2
ZZ86311		0.53	12.3	1740	77.8	59.2	0.001	0.86	7.57	2.2	50.9	0.2	194.5	<0.01	0.89	1.9
ZZ86312		0.09	47.6	990	44.2	12.6	0.001	0.14	7.20	1.9	8.0	0.2	59.1	<0.01	0.24	3.9
ZZ86313		0.24	22.3	570	28.6	18.6	0.001	0.20	4.99	2.0	5.4	0.3	41.5	<0.01	0.23	3.1
ZZ86314		0.46	19.8	600	28.2	27.4	<0.001	0.18	4.53	1.9	7.2	0.2	28.8	<0.01	0.24	4.6
ZZ86315		0.17	42.8	1170	39.3	55.0	0.001	0.19	4.82	3.0	6.1	0.2	64.4	<0.01	0.36	3.7
ZZ86316		0.36	53.3	520	16.6	48.0	0.001	0.44	2.73	2.0	8.3	0.2	34.1	<0.01	0.13	1.8
ZZ86317		0.31	30.1	800	54.1	14.6	<0.001	0.31	6.39	2.1	10.1	0.2	31.0	<0.01	0.29	5.3
ZZ86318		0.96	28.6	640	17.7	7.7	0.001	0.04	1.40	2.9	3.0	0.4	18.5	0.01	0.11	2.5
ZZ86319		1.02	65.5	460	21.1	46.5	0.001	0.08	1.09	2.3	3.1	0.2	21.9	<0.01	0.12	3.5
ZZ86320		0.46	42.7	990	36.7	7.4	0.001	0.24	2.83	1.8	9.0	0.3	57.8	<0.01	0.26	2.2
ZZ86321		1.33	14.0	290	13.7	5.7	<0.001	0.01	0.73	1.4	0.5	0.5	6.7	<0.01	0.04	1.7
ZZ86322		0.82	18.4	920	38.8	6.8	<0.001	0.03	0.78	1.8	0.6	0.6	14.1	0.01	0.06	0.7
ZZ86323		0.88	14.3	750	35.8	7.6	0.001	0.03	0.72	1.5	0.4	0.4	11.3	0.01	0.05	0.8
ZZ86324		0.54	33.7	940	39.3	6.4	<0.001	0.04	1.17	2.9	1.4	0.4	28.2	<0.01	0.06	1.4
ZZ86325		0.36	28.5	640	26.7	6.0	<0.001	0.02	0.52	1.7	0.7	0.2	15.6	<0.01	0.09	1.3
ZZ86326		0.35	19.9	700	14.9	6.5	<0.001	0.02	0.40	0.6	0.3	0.2	6.8	<0.01	0.05	0.5
ZZ86327		0.56	19.1	1070	35.6	7.0	0.001	0.07	0.73	1.6	0.8	0.5	17.5	<0.01	0.04	0.3
ZZ86328		0.79	17.3	570	26.4	7.9	<0.001	0.03	0.75	1.3	0.5	0.5	11.1	0.01	0.06	0.4
ZZ86329		0.94	33.4	1400	22.8	11.5	0.001	0.10	1.02	2.1	2.3	0.4	54.1	0.02	0.06	1.0
ZZ86330		0.40	31.8	1190	26.7	7.8	<0.001	0.02	0.60	0.9	0.6	0.2	15.9	<0.01	0.07	1.1
ZZ86331		0.39	36.2	890	23.1	5.2	<0.001	0.02	0.55	1.4	0.6	<0.2	21.6	<0.01	0.07	3.1
ZZ86332		0.41	28.5	1140	23.8	6.6	<0.001	0.04	0.57	0.9	0.6	0.2	13.8	<0.01	0.09	0.6
ZZ86333		0.15	20.7	2470	17.6	5.0	<0.001	0.08	0.69	0.1	0.8	0.3	23.5	<0.01	0.06	<0.2
ZZ86334		0.13	11.5	1970	7.9	3.1	<0.001	0.08	0.29	0.1	0.5	0.2	11.3	<0.01	0.04	<0.2
ZZ86335		0.74	26.0	950	23.8	6.4	<0.001	0.03	0.67	1.9	0.6	0.5	16.5	<0.01	0.06	0.6
ZZ86336		0.59	15.4	410	10.5	7.2	<0.001	0.02	0.49	0.8	0.7	0.3	5.9	<0.01	0.04	0.9
ZZ86337		0.77	17.7	750	18.8	7.9	<0.001	0.05	1.08	1.9	1.9	0.5	22.5	0.01	0.12	1.0
ZZ86338		0.78	31.6	690	15.4	6.4	<0.001	0.05	0.98	1.6	1.5	0.3	21.2	0.01	0.09	1.6
ZZ86339		1.30	14.0	520	14.6	9.4	<0.001	0.04	0.74	1.4	0.6	0.5	15.0	0.04	0.09	0.9
ZZ86340		0.76	28.0	570	28.5	6.9	<0.001	0.02	0.60	2.2	0.7	0.4	11.1	<0.01	0.05	1.6
ZZ86341		1.13	13.9	500	15.7	6.7	<0.001	0.03	0.59	1.4	0.6	0.5	9.9	0.01	0.03	0.6
ZZ86342		0.44	53.3	5180	22.8	9.1	<0.001	0.02	0.74	1.9	2.3	0.2	35.9	<0.01	0.09	3.2
ZZ86343		1.00	25.9	800	13.7	6.7	0.001	0.03	0.85	1.4	1.0	0.3	16.3	<0.01	0.09	1.4
ZZ86344		0.86	42.4	550	29.2	7.3	<0.001	0.02	0.97	3.2	0.9	0.3	16.3	<0.01	0.05	3.3
ZZ86345		1.34	33.2	410	32.9	7.7	<0.001	0.02	0.82	2.8	0.7	0.5	9.8	0.01	0.04	1.9
ZZ86346		0.89	29.3	540	16.0	7.1	<0.001	0.05	0.89	2.0	0.8	0.4	25.7	<0.01	0.07	1.0
ZZ86347		0.77	36.3	740	43.3	9.7	<0.001	0.02	0.99	3.4	1.0	0.5	18.0	<0.01	0.07	1.9
ZZ86348		0.51	16.9	920	26.0	9.6	<0.001	0.05	0.77	0.7	0.8	0.5	18.8	<0.01	0.07	<0.2

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VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ86257		0.260	0.10	0.59	96	0.30	4.06	78	1.4
ZZ86310		0.106	0.64	2.18	85	0.06	2.50	110	5.3
ZZ86311		0.132	0.81	3.14	301	0.09	2.57	305	20.4
ZZ86312		0.013	0.44	2.73	50	0.12	4.05	305	7.4
ZZ86313		0.027	0.42	3.28	66	0.20	4.55	103	3.0
ZZ86314		0.047	0.55	3.34	67	0.09	2.89	116	9.2
ZZ86315		0.092	1.17	6.93	102	0.05	3.67	266	20.8
ZZ86316		0.069	0.95	1.07	39	<0.05	2.42	105	1.7
ZZ86317		0.013	0.37	11.95	58	0.11	3.58	205	12.5
ZZ86318		0.028	0.14	1.24	39	0.18	4.33	105	2.2
ZZ86319		0.079	0.54	1.67	31	0.05	3.37	172	4.8
ZZ86320		0.019	0.10	3.57	44	0.12	5.18	241	1.7
ZZ86321		0.027	0.10	0.49	52	0.30	1.74	52	<0.5
ZZ86322		0.022	0.14	0.69	49	0.20	6.65	96	<0.5
ZZ86323		0.024	0.11	0.47	44	0.20	3.00	72	<0.5
ZZ86324		0.018	0.09	1.54	37	0.21	12.95	116	2.0
ZZ86325		0.013	0.06	0.93	22	0.11	7.69	95	0.7
ZZ86326		0.012	0.06	0.45	20	0.12	2.96	70	<0.5
ZZ86327		0.019	0.10	0.79	47	0.21	8.30	106	<0.5
ZZ86328		0.023	0.10	0.64	53	0.26	2.52	75	1.4
ZZ86329		0.017	0.19	3.04	41	0.20	9.84	113	3.0
ZZ86330		0.012	0.05	1.07	23	0.12	3.76	86	0.5
ZZ86331		0.011	0.04	1.22	18	0.08	5.07	91	1.2
ZZ86332		0.012	0.06	1.08	29	0.16	3.19	95	0.5
ZZ86333		<0.005	0.06	1.69	27	0.13	7.02	101	<0.5
ZZ86334		<0.005	0.03	1.04	14	0.06	4.22	41	<0.5
ZZ86335		0.025	0.13	0.76	54	0.25	4.34	109	<0.5
ZZ86336		0.016	0.11	0.59	25	0.14	1.53	56	<0.5
ZZ86337		0.029	0.11	2.04	44	0.21	5.91	88	1.0
ZZ86338		0.026	0.08	1.23	34	0.30	3.93	113	1.1
ZZ86339		0.031	0.12	0.86	45	0.26	1.94	63	2.7
ZZ86340		0.031	0.09	0.58	37	0.21	5.62	80	<0.5
ZZ86341		0.034	0.10	0.47	57	0.24	3.08	61	<0.5
ZZ86342		0.012	0.10	4.45	29	0.17	21.6	148	1.6
ZZ86343		0.032	0.08	1.17	38	0.35	3.66	84	<0.5
ZZ86344		0.023	0.10	1.12	41	0.27	7.12	117	1.7
ZZ86345		0.035	0.12	0.68	50	0.25	4.54	96	0.6
ZZ86346		0.030	0.10	0.87	43	0.27	4.73	81	<0.5
ZZ86347		0.020	0.15	1.03	49	0.24	10.75	103	1.2
ZZ86348		0.025	0.14	1.05	57	0.23	8.29	59	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86349		0.33	0.002	0.48	2.09	12.5	<0.2	<10	160	0.42	0.33	0.17	0.42	18.35	7.9	24
ZZ86350		0.36	0.001	0.23	1.67	13.4	<0.2	<10	180	0.45	0.24	0.19	0.27	24.9	8.1	23
ZZ86351		0.49	0.017	1.53	0.53	30.5	<0.2	<10	190	0.15	0.34	0.03	0.58	41.7	3.4	12
ZZ86352		0.49	0.005	0.32	0.92	12.2	<0.2	<10	140	0.24	0.26	0.07	0.30	41.3	4.2	17
ZZ86353		0.41	0.013	0.91	0.82	14.1	<0.2	<10	250	0.40	0.22	0.03	0.22	50.8	3.4	14
ZZ86354		0.45	0.004	0.10	0.90	3.8	<0.2	<10	100	0.22	0.17	0.03	0.11	20.5	3.0	14
ZZ86355		0.33	0.009	0.19	1.20	11.8	<0.2	<10	220	0.27	0.24	0.19	0.21	25.0	7.5	33
ZZ86356		0.44	0.004	0.30	2.13	14.4	<0.2	<10	170	0.84	0.20	0.15	0.23	36.7	19.4	54
ZZ86357		0.39	0.004	0.18	1.71	13.5	<0.2	<10	130	0.53	0.25	0.06	0.15	27.0	11.7	31
ZZ86358		0.32	0.003	0.08	1.23	11.9	<0.2	<10	80	0.39	0.20	0.07	0.17	21.2	8.1	21
ZZ86359		0.36	0.002	0.08	2.27	13.0	<0.2	<10	120	0.74	0.22	0.18	0.16	33.2	19.4	58
ZZ86360		0.35	0.004	0.10	2.36	12.9	<0.2	<10	100	0.69	0.22	0.22	0.27	32.0	17.2	58
ZZ86361		0.30	0.002	0.05	2.80	18.2	<0.2	<10	110	0.86	0.23	0.21	0.15	43.4	24.8	75
ZZ86362		0.40	0.004	0.10	2.96	7.5	<0.2	<10	190	1.13	0.14	0.53	0.26	51.8	28.9	59
ZZ86363		0.44	0.002	0.08	2.36	15.0	<0.2	<10	100	0.67	0.20	0.18	0.13	32.4	20.6	64
ZZ86364		0.42	0.003	0.15	2.36	14.5	<0.2	<10	120	0.72	0.23	0.10	0.22	32.0	15.3	42
ZZ86365		0.32	0.005	0.14	1.98	15.7	<0.2	<10	130	0.50	0.26	0.15	0.21	38.4	13.3	40
ZZ86366		0.43	0.006	0.23	2.65	9.9	<0.2	<10	400	0.78	0.53	0.59	10.60	27.1	29.5	43
ZZ86367		0.42	0.002	0.31	2.32	15.8	<0.2	<10	250	0.70	0.30	0.17	0.28	33.2	19.8	56
ZZ86368		0.47	0.004	0.28	3.54	33.6	<0.2	<10	410	1.21	0.12	1.04	0.29	46.6	41.1	151
ZZ86369		0.41	0.001	0.03	3.88	8.1	<0.2	<10	380	1.60	0.08	1.01	0.06	55.1	31.7	145
ZZ86370		0.44	0.001	0.02	4.34	9.5	<0.2	<10	490	2.49	0.07	1.29	0.07	58.9	41.3	179
ZZ86371		0.43	0.003	0.03	3.91	11.9	<0.2	<10	300	1.61	0.09	1.02	0.06	54.7	32.7	143
ZZ86372		0.27	0.001	0.42	1.47	12.6	<0.2	<10	120	0.38	0.31	0.08	0.16	26.0	8.7	26
ZZ86373		0.42	0.004	0.36	2.06	11.9	<0.2	<10	190	0.54	0.35	0.07	0.40	33.3	11.0	33
ZZ86374		0.36	<0.001	0.07	2.52	14.8	<0.2	<10	230	0.63	0.19	0.36	0.12	30.3	23.2	61
ZZ86375		0.36	0.002	1.99	1.84	9.6	<0.2	<10	110	0.40	0.24	0.14	0.78	23.2	20.8	49
ZZ86376		0.39	0.002	0.06	3.35	9.6	<0.2	<10	440	1.36	0.13	1.02	0.12	63.6	29.6	108
ZZ86377		0.43	0.001	0.02	3.88	9.0	<0.2	<10	410	1.74	0.07	1.26	0.06	55.6	36.0	190
ZZ86378		0.38	0.001	0.05	3.34	3.9	<0.2	<10	520	1.22	0.10	1.19	0.15	36.5	34.6	177
ZZ86379		0.48	0.001	0.02	3.71	3.1	<0.2	<10	430	1.50	0.06	1.09	0.10	39.2	33.9	83
ZZ86380		0.48	0.001	0.05	3.53	2.4	<0.2	<10	660	2.04	0.06	1.36	0.18	41.2	36.0	85
ZZ86381		0.41	0.001	0.01	4.14	2.3	<0.2	<10	630	1.73	0.06	1.25	0.06	44.3	35.8	166
ZZ86382		0.34	0.001	0.01	3.58	1.3	<0.2	<10	610	2.06	0.03	1.26	0.05	36.7	34.2	139
ZZ86383		0.31	0.004	0.29	2.50	3.3	<0.2	<10	320	0.38	0.32	0.73	0.67	59.0	24.0	70
ZZ86384		0.34	0.001	0.15	2.38	9.2	<0.2	<10	190	0.72	0.19	0.31	0.42	28.9	15.4	55
ZZ86385		0.19	0.004	0.27	1.83	13.1	<0.2	<10	300	0.55	0.31	0.58	0.17	35.3	15.1	34
ZZ86386		0.28	0.005	0.11	1.63	12.8	<0.2	<10	90	0.45	0.23	0.21	0.48	43.1	14.1	48
ZZ86387		0.33	0.006	0.08	1.25	8.0	<0.2	<10	70	0.24	0.13	0.08	0.14	19.25	7.3	18
ZZ86388		0.40	0.008	0.23	2.19	14.0	<0.2	<10	220	0.67	0.22	0.50	0.35	39.8	22.1	63

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86349		1.18	19.4	3.42	5.41	<0.05	<0.02	0.08	0.039	0.03	7.8	6.5	0.12	768	2.01	<0.01
ZZ86350		1.06	12.2	3.13	6.09	<0.05	<0.02	0.04	0.033	0.03	11.7	15.2	0.42	297	1.23	<0.01
ZZ86351		0.68	46.5	2.29	2.32	0.08	0.02	0.82	0.048	0.06	24.8	1.9	0.04	176	50.9	0.01
ZZ86352		0.68	26.6	2.23	4.25	<0.05	<0.02	0.10	0.032	0.04	22.3	6.3	0.21	191	3.70	0.01
ZZ86353		0.34	40.4	2.76	3.00	0.07	0.04	0.18	0.033	0.08	27.7	7.2	0.19	108	4.76	0.04
ZZ86354		0.39	14.7	1.96	2.81	<0.05	<0.02	0.02	0.011	0.04	10.7	12.1	0.33	98	0.86	<0.01
ZZ86355		0.71	23.3	3.24	6.09	0.05	0.02	0.06	0.022	0.05	12.9	7.2	0.44	213	1.78	<0.01
ZZ86356		1.16	74.8	4.17	6.30	0.06	0.03	0.05	0.033	0.08	17.3	19.4	0.99	751	3.09	<0.01
ZZ86357		1.28	29.0	3.50	5.70	<0.05	0.02	0.04	0.025	0.07	13.8	20.5	0.57	363	1.91	<0.01
ZZ86358		2.83	23.6	3.01	4.21	<0.05	<0.02	0.03	0.017	0.09	11.3	16.0	0.41	337	1.57	0.01
ZZ86359		1.15	38.2	4.28	7.46	0.05	0.03	0.05	0.031	0.08	16.1	23.0	0.95	518	1.86	<0.01
ZZ86360		1.19	30.5	4.28	7.83	<0.05	0.04	0.05	0.033	0.06	14.8	28.1	0.98	510	1.79	<0.01
ZZ86361		1.17	35.2	4.30	7.73	0.05	0.06	0.04	0.034	0.08	20.3	29.0	1.18	735	1.24	<0.01
ZZ86362		1.10	69.9	4.97	10.65	0.07	0.07	0.01	0.031	0.16	26.2	25.8	1.75	705	1.53	<0.01
ZZ86363		1.00	56.4	4.35	9.41	0.05	0.07	0.03	0.036	0.06	14.1	24.8	1.07	785	1.58	<0.01
ZZ86364		1.10	37.3	3.22	5.54	0.05	0.06	0.04	0.035	0.06	15.4	18.3	0.60	480	1.67	<0.01
ZZ86365		0.81	23.5	3.55	6.21	<0.05	0.02	0.06	0.027	0.08	14.5	16.4	0.64	330	1.60	<0.01
ZZ86366		8.72	212	4.03	7.48	0.19	0.05	0.10	0.039	0.79	14.5	44.6	2.73	1720	14.45	<0.01
ZZ86367		1.35	34.2	4.39	7.59	0.05	0.03	0.04	0.033	0.08	15.9	18.9	0.89	4030	2.12	<0.01
ZZ86368		1.94	86.6	6.25	12.35	0.10	0.04	0.05	0.057	0.36	26.1	32.2	2.43	1140	1.22	<0.01
ZZ86369		2.02	44.0	6.66	15.70	0.13	0.03	0.01	0.030	0.31	28.9	29.6	2.77	938	1.24	<0.01
ZZ86370		2.42	53.5	7.47	18.00	0.14	0.05	0.01	0.035	0.69	31.7	33.8	3.35	1270	0.70	0.01
ZZ86371		1.52	22.0	6.15	14.65	0.08	0.03	0.01	0.038	0.17	27.3	29.3	2.78	946	0.59	0.01
ZZ86372		1.08	11.8	3.09	6.68	<0.05	<0.02	0.03	0.025	0.06	13.2	12.8	0.37	431	1.40	<0.01
ZZ86373		1.24	32.7	3.35	7.36	<0.05	0.02	0.03	0.027	0.06	15.8	13.9	0.42	662	3.02	<0.01
ZZ86374		3.54	12.8	4.85	11.85	0.06	0.04	0.02	0.040	0.17	14.3	21.1	1.20	1000	1.62	<0.01
ZZ86375		1.75	21.8	3.58	8.87	<0.05	0.02	0.05	0.027	0.04	11.4	10.4	0.63	1180	4.04	<0.01
ZZ86376		1.59	40.1	6.06	13.20	0.11	0.02	0.02	0.041	0.30	35.0	24.7	2.30	1040	2.56	0.01
ZZ86377		1.79	54.2	6.54	15.25	0.14	0.02	<0.01	0.034	0.25	28.0	29.1	3.08	1080	0.52	0.01
ZZ86378		1.41	26.6	6.53	14.65	0.09	0.02	0.02	0.048	0.32	17.8	23.7	2.67	1400	0.71	0.02
ZZ86379		1.58	41.6	6.26	15.10	0.12	0.05	<0.01	0.036	0.46	18.4	31.2	3.30	844	0.68	<0.01
ZZ86380		1.98	50.1	7.03	15.70	0.13	0.04	0.01	0.052	0.63	21.1	30.4	3.02	1260	0.38	0.01
ZZ86381		1.37	29.7	7.20	16.65	0.12	0.03	0.01	0.044	0.24	21.9	31.9	3.48	1020	0.43	0.01
ZZ86382		2.16	21.4	5.99	15.40	0.14	0.02	0.01	0.010	0.49	18.7	36.0	3.32	915	0.28	0.01
ZZ86383		2.02	138.0	4.97	8.39	0.09	<0.02	0.03	0.028	0.27	31.1	22.0	1.65	723	4.80	0.01
ZZ86384		1.73	17.5	4.09	8.97	0.05	0.06	0.02	0.035	0.11	14.8	23.7	1.10	464	3.04	<0.01
ZZ86385		1.07	75.8	3.40	5.66	0.07	<0.02	0.04	0.025	0.07	24.4	22.0	0.66	892	3.89	<0.01
ZZ86386		0.97	33.1	3.83	7.04	0.06	0.02	0.03	0.030	0.06	20.8	16.9	0.82	552	2.14	<0.01
ZZ86387		6.85	30.2	2.63	3.86	0.08	<0.02	0.02	0.015	0.35	10.5	16.0	0.72	496	1.10	<0.01
ZZ86388		2.56	67.3	4.74	7.41	0.08	0.02	0.02	0.035	0.18	20.5	24.5	1.27	914	2.96	<0.01

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86349		1.19	14.3	910	26.0	6.3	<0.001	0.06	0.71	1.4	0.7	0.5	12.4	0.03	0.05	0.2
ZZ86350		1.23	15.5	590	17.6	6.7	<0.001	0.03	0.59	2.6	0.5	0.5	13.1	0.01	0.04	0.7
ZZ86351		0.09	23.2	1180	20.5	7.3	0.001	0.14	6.66	0.3	5.8	0.2	37.0	<0.01	0.17	0.2
ZZ86352		0.69	12.0	610	19.3	6.6	<0.001	0.05	1.42	1.0	1.1	0.4	15.3	<0.01	0.06	0.9
ZZ86353		0.41	10.9	780	13.8	6.8	<0.001	0.33	1.94	0.9	2.2	0.2	29.6	<0.01	0.08	1.7
ZZ86354		0.87	7.7	260	7.3	5.2	<0.001	0.06	0.61	0.9	0.4	0.2	11.3	<0.01	0.03	2.0
ZZ86355		4.63	19.6	1460	14.4	7.5	<0.001	0.07	0.67	1.5	0.8	0.5	27.8	0.01	0.07	0.5
ZZ86356		4.09	49.8	600	14.9	9.2	<0.001	0.07	0.70	4.2	1.0	0.4	25.4	0.01	0.06	1.8
ZZ86357		3.75	23.5	440	14.6	13.4	<0.001	0.04	0.60	2.4	0.5	0.4	17.5	0.01	0.07	2.1
ZZ86358		1.17	21.9	590	11.3	13.9	0.001	0.02	0.62	1.4	0.7	0.3	9.7	<0.01	0.05	1.2
ZZ86359		7.10	37.9	750	16.8	10.4	<0.001	0.04	0.62	3.5	0.6	0.5	21.5	0.02	0.06	2.7
ZZ86360		7.64	36.0	820	17.3	8.0	<0.001	0.03	0.67	3.6	0.7	0.6	20.9	0.03	0.06	3.0
ZZ86361		7.25	45.4	680	21.8	9.6	<0.001	0.03	0.57	3.9	0.9	0.4	16.6	0.04	0.04	6.4
ZZ86362		5.29	46.2	1770	10.3	13.4	<0.001	0.07	0.40	3.2	1.0	0.4	47.8	0.01	0.04	4.9
ZZ86363		11.40	41.5	420	15.7	8.7	<0.001	0.03	0.96	3.8	0.6	0.8	15.5	0.02	0.05	3.4
ZZ86364		3.98	32.2	360	14.8	10.6	<0.001	0.02	0.83	3.9	0.9	0.5	11.0	0.04	0.05	5.0
ZZ86365		4.57	27.3	610	21.4	10.1	<0.001	0.05	0.68	2.3	0.5	0.5	15.9	0.01	0.04	2.3
ZZ86366		1.37	113.5	2060	61.4	68.4	0.001	0.08	0.67	3.4	2.8	0.3	89.2	<0.01	0.22	4.4
ZZ86367		5.32	40.2	690	19.1	13.2	<0.001	0.03	0.68	3.9	0.8	0.6	23.0	0.04	0.09	3.6
ZZ86368		3.05	80.8	2010	11.7	29.5	<0.001	0.02	0.42	13.4	1.0	0.5	88.4	0.01	0.03	4.7
ZZ86369		5.07	55.0	2830	10.1	21.2	<0.001	0.02	0.22	5.6	0.6	0.7	84.6	0.02	0.03	3.2
ZZ86370		2.75	83.2	3680	8.4	54.4	<0.001	0.01	0.27	6.9	0.7	0.5	122.5	0.01	0.02	4.1
ZZ86371		4.40	69.9	2580	9.4	13.1	<0.001	0.01	0.28	6.4	0.6	0.5	78.1	0.01	0.02	5.0
ZZ86372		3.01	14.3	740	17.5	15.0	<0.001	0.02	0.53	1.8	0.4	0.6	9.3	<0.01	0.07	1.6
ZZ86373		3.14	17.0	600	17.5	16.4	<0.001	0.03	0.60	3.4	0.9	0.8	11.5	0.01	0.10	3.4
ZZ86374		8.50	26.6	980	13.6	54.7	<0.001	0.02	0.33	6.6	0.4	0.9	28.5	0.01	0.04	2.8
ZZ86375		7.07	20.8	1350	15.5	16.0	<0.001	0.03	0.56	2.6	0.9	0.8	12.5	0.01	0.05	1.4
ZZ86376		2.96	48.9	2620	14.5	26.4	<0.001	0.02	0.42	7.3	0.7	0.6	104.0	0.01	0.04	4.6
ZZ86377		3.26	79.6	3250	8.0	18.6	<0.001	0.01	0.23	5.3	0.6	0.5	105.5	0.01	0.01	3.4
ZZ86378		5.15	74.0	2810	10.9	22.5	<0.001	0.02	0.22	4.0	0.6	0.5	82.0	0.01	0.02	1.5
ZZ86379		2.98	44.8	2650	6.2	23.0	<0.001	0.01	0.24	4.2	0.4	0.6	71.8	0.01	0.02	2.6
ZZ86380		2.62	47.6	3440	8.8	36.8	<0.001	0.01	0.18	6.9	0.5	0.4	102.0	0.01	0.01	3.7
ZZ86381		5.68	68.4	2920	5.4	16.0	<0.001	0.02	0.18	5.2	0.5	0.6	88.2	0.02	0.01	3.1
ZZ86382		5.24	68.4	3000	2.9	33.4	<0.001	0.02	0.15	2.5	0.5	0.4	96.3	0.01	0.01	2.0
ZZ86383		1.30	87.2	2680	20.7	30.1	<0.001	0.16	0.58	2.3	2.2	0.3	103.5	<0.01	0.14	1.1
ZZ86384		8.88	27.1	820	14.8	13.8	<0.001	0.01	0.61	3.6	1.0	0.7	24.0	0.01	0.04	3.4
ZZ86385		1.64	32.9	970	19.7	11.4	<0.001	0.09	0.40	1.3	1.4	0.3	60.5	0.01	0.09	0.5
ZZ86386		7.08	30.8	910	15.1	10.5	<0.001	0.03	0.48	2.8	0.7	0.5	24.7	0.01	0.07	2.4
ZZ86387		2.23	21.6	700	7.2	41.5	<0.001	0.04	0.26	1.1	0.6	0.2	20.8	<0.01	0.05	0.5
ZZ86388		2.94	49.4	1980	16.4	22.3	<0.001	0.05	0.82	4.7	1.2	0.4	76.3	<0.01	0.08	3.8

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86349		0.035	0.10	0.76	61	0.58	3.37	61	<0.5
ZZ86350		0.050	0.11	0.64	66	0.22	4.18	60	<0.5
ZZ86351		0.007	0.24	6.60	44	0.11	3.49	138	<0.5
ZZ86352		0.028	0.10	0.77	40	0.17	2.66	72	<0.5
ZZ86353		0.012	0.08	0.98	23	0.08	3.12	73	1.1
ZZ86354		0.021	0.05	0.26	20	0.14	1.08	40	<0.5
ZZ86355		0.129	0.08	0.82	75	0.24	2.35	51	0.8
ZZ86356		0.172	0.11	1.86	80	0.22	7.02	99	1.3
ZZ86357		0.114	0.13	0.74	57	0.22	3.25	58	0.8
ZZ86358		0.061	0.16	0.54	41	0.15	2.42	63	<0.5
ZZ86359		0.207	0.09	0.62	83	0.27	3.95	73	1.3
ZZ86360		0.214	0.10	0.70	87	0.29	4.33	74	1.8
ZZ86361		0.196	0.09	0.53	80	0.27	4.14	90	2.3
ZZ86362		0.258	0.09	0.90	112	0.29	6.18	93	3.3
ZZ86363		0.362	0.10	0.48	108	0.37	3.75	72	2.8
ZZ86364		0.117	0.13	0.69	61	0.30	4.49	64	3.0
ZZ86365		0.123	0.10	0.50	67	0.29	3.04	70	0.8
ZZ86366		0.188	0.83	15.20	286	0.25	27.2	726	3.5
ZZ86367		0.221	0.15	0.76	88	0.29	6.05	73	1.5
ZZ86368		0.271	0.18	0.75	162	0.19	14.20	108	2.0
ZZ86369		0.521	0.08	0.52	199	0.41	8.45	93	1.5
ZZ86370		0.391	0.17	0.41	210	0.45	10.15	107	2.1
ZZ86371		0.340	0.08	0.40	157	0.37	7.29	101	1.6
ZZ86372		0.096	0.09	0.41	62	0.24	1.82	73	<0.5
ZZ86373		0.088	0.15	1.08	71	0.28	3.66	94	0.7
ZZ86374		0.369	0.16	0.40	153	0.33	4.13	86	2.1
ZZ86375		0.289	0.14	0.86	103	0.29	2.91	96	1.1
ZZ86376		0.367	0.12	0.64	158	0.26	9.71	112	0.8
ZZ86377		0.417	0.08	0.44	175	0.35	9.14	92	1.2
ZZ86378		0.350	0.08	0.40	170	0.34	8.51	100	0.7
ZZ86379		0.467	0.09	0.34	179	0.34	8.12	86	2.3
ZZ86380		0.322	0.10	0.24	195	0.32	8.80	107	1.8
ZZ86381		0.509	0.07	0.38	188	0.37	8.02	108	1.5
ZZ86382		0.477	0.06	0.24	159	0.36	5.55	108	1.0
ZZ86383		0.101	0.20	2.60	83	0.11	10.85	218	0.7
ZZ86384		0.319	0.15	0.91	113	0.42	4.86	99	2.3
ZZ86385		0.033	0.11	1.66	44	0.14	9.72	74	<0.5
ZZ86386		0.218	0.06	0.74	78	0.24	4.83	68	1.2
ZZ86387		0.101	0.23	0.69	27	<0.05	2.38	61	<0.5
ZZ86388		0.213	0.12	1.69	86	0.27	10.20	140	1.2

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86389	0.19	0.004	0.25	2.36	6.5	<0.2	<10	220	0.64	0.17	0.33	0.38	24.4	20.4	86
ZZ86390	0.53	0.002	0.08	2.37	8.9	<0.2	<10	210	0.90	0.22	0.45	0.27	39.3	18.1	72
ZZ86391	0.33	0.019	1.78	0.87	24.6	<0.2	<10	360	0.31	0.32	0.09	0.51	60.3	5.0	16
ZZ86392	0.36	0.013	0.33	1.10	20.9	<0.2	<10	120	0.26	0.24	0.10	0.37	36.1	6.8	19
ZZ86393	0.39	0.018	0.79	1.03	54.7	<0.2	<10	130	0.24	0.22	0.04	0.63	34.7	6.6	15
ZZ86394	0.20	0.008	0.52	1.00	18.7	<0.2	<10	170	0.26	0.35	0.06	1.33	15.65	12.9	15
ZZ86395	0.39	0.011	0.34	0.83	23.5	<0.2	<10	90	0.25	0.28	0.05	0.32	20.3	6.8	14
ZZ86396	0.37	0.015	0.34	0.94	38.9	<0.2	<10	170	0.30	0.26	0.17	0.76	22.9	12.4	14
ZZ86397	0.36	0.017	0.49	1.07	34.3	<0.2	<10	190	0.35	0.31	0.22	1.27	25.4	10.9	15
ZZ86398	0.29	0.058	0.61	1.27	23.9	<0.2	<10	350	0.40	0.29	0.50	5.62	21.1	14.4	18
ZZ86399	0.21	0.010	1.22	1.31	18.6	<0.2	<10	510	0.42	0.25	0.89	18.30	17.50	62.8	16
ZZ86400	0.31	0.016	1.42	1.40	17.7	<0.2	<10	650	0.51	0.31	0.45	0.68	37.2	7.7	28
ZZ86401	0.22	0.020	1.03	1.04	9.9	<0.2	<10	340	0.37	0.23	0.60	0.62	32.2	7.6	21
ZZ86402	0.24	0.009	0.53	1.10	14.8	<0.2	<10	270	0.44	0.26	1.48	1.89	28.3	13.0	25
ZZ86403	0.32	0.004	0.37	1.41	12.8	<0.2	<10	220	0.57	0.30	0.84	0.68	31.4	11.4	29
ZZ86404	0.36	0.004	0.27	1.94	12.5	<0.2	<10	250	0.67	0.25	0.79	0.66	40.1	19.7	54
ZZ86405	0.25	0.004	0.26	1.30	8.4	<0.2	<10	270	0.57	0.18	4.31	1.18	31.6	15.6	45
ZZ86406	0.28	0.002	0.35	1.64	10.5	<0.2	<10	270	0.60	0.23	1.58	1.06	32.9	17.5	43
ZZ86407	0.32	0.004	0.22	1.63	8.8	<0.2	<10	290	0.71	0.19	2.66	0.65	34.5	17.8	56
ZZ86408	0.48	0.004	0.18	1.36	8.1	<0.2	<10	280	0.56	0.18	4.77	0.50	32.8	15.6	49
ZZ86409	0.42	0.004	0.14	1.41	8.1	<0.2	<10	290	0.59	0.15	4.87	0.54	33.0	15.6	53
ZZ86410	0.36	0.002	0.21	1.75	9.8	<0.2	<10	390	0.80	0.17	3.58	0.67	34.5	19.5	70
ZZ86411	0.33	0.102	0.13	1.53	7.4	<0.2	<10	300	0.67	0.15	3.32	0.37	39.2	16.6	68
ZZ86412	0.41	0.005	0.10	1.31	7.0	<0.2	<10	290	0.51	0.13	4.94	0.35	36.6	14.1	54
ZZ86413	0.38	0.003	0.10	2.24	15.3	<0.2	<10	190	0.56	0.28	0.63	0.12	32.3	6.5	35
ZZ86414	0.31	0.003	0.12	0.66	17.9	<0.2	<10	70	0.11	0.34	0.04	0.11	31.4	6.0	11
ZZ86415	0.30	0.025	3.32	1.13	16.6	<0.2	<10	340	0.31	0.36	0.54	3.03	22.3	14.8	21
ZZ86416	0.43	0.008	0.95	1.29	11.2	<0.2	<10	160	0.20	0.32	0.16	0.62	25.8	37.5	22
ZZ86417	0.15	0.021	1.46	0.72	15.4	<0.2	<10	430	0.23	0.26	0.29	0.42	22.6	6.2	17
ZZ86418	0.21	0.011	1.14	1.18	18.3	<0.2	<10	490	0.48	0.37	0.50	1.32	27.3	19.7	24
ZZ86419	0.13	0.007	0.55	1.18	16.5	<0.2	<10	360	0.55	0.28	1.64	1.15	18.40	11.9	23
ZZ86420	0.20	0.006	0.63	1.30	15.5	<0.2	<10	310	0.45	0.32	0.54	0.80	25.2	14.0	26
ZZ86421	0.26	0.011	0.60	1.27	17.9	<0.2	<10	280	0.36	0.32	0.26	0.59	29.0	14.9	25
ZZ86422	0.36	0.007	0.15	0.91	11.7	<0.2	<10	300	0.34	0.24	2.57	0.34	23.6	9.8	23
ZZ86423	0.42	0.007	0.24	0.96	12.0	<0.2	<10	200	0.43	0.28	4.52	0.57	25.7	11.9	24
ZZ86424	0.58	0.003	0.19	0.91	10.5	<0.2	<10	220	0.41	0.30	8.50	0.72	26.2	9.6	19
ZZ86425	0.39	0.005	0.25	1.06	11.3	<0.2	<10	270	0.46	0.28	3.26	0.73	26.7	12.0	27
ZZ86426	0.35	0.008	0.31	1.17	11.6	<0.2	<10	170	0.48	0.29	1.72	0.62	27.3	12.2	25
ZZ86427	0.32	0.005	0.38	1.03	12.2	<0.2	<10	280	0.44	0.30	2.39	0.68	25.1	11.1	24
ZZ86428	0.31	0.006	0.41	1.09	14.9	<0.2	<10	360	0.46	0.27	1.93	0.61	24.5	11.6	24

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86389		1.23	31.3	4.38	9.59	0.05	0.03	0.05	0.033	0.05	12.9	19.3	1.50	688	1.28	<0.01
ZZ86390		1.34	30.3	4.26	8.77	0.06	0.02	0.03	0.039	0.05	18.1	21.9	1.20	606	1.17	<0.01
ZZ86391		0.53	71.9	3.10	3.04	0.09	0.03	0.43	0.044	0.07	32.8	7.6	0.16	270	10.20	0.03
ZZ86392		0.70	30.7	2.58	3.61	<0.05	<0.02	0.09	0.041	0.04	19.2	11.1	0.25	429	4.84	0.01
ZZ86393		0.70	52.9	3.35	2.91	0.06	0.03	0.22	0.042	0.05	18.6	5.2	0.10	270	11.50	0.02
ZZ86394		1.01	53.7	2.82	3.29	<0.05	<0.02	0.06	0.024	0.05	7.8	8.1	0.17	1660	3.37	0.01
ZZ86395		0.79	54.2	2.83	2.91	<0.05	<0.02	0.07	0.023	0.04	10.7	7.1	0.16	488	3.75	0.01
ZZ86396		1.00	76.9	3.13	2.89	<0.05	<0.02	0.04	0.025	0.05	12.1	9.2	0.22	976	4.53	0.01
ZZ86397		0.84	75.3	3.38	2.96	<0.05	0.02	0.04	0.029	0.05	13.7	14.4	0.27	994	4.60	<0.01
ZZ86398		0.93	69.4	2.70	3.46	<0.05	0.03	0.07	0.029	0.06	12.2	20.4	0.32	759	3.52	0.01
ZZ86399		0.92	98.0	2.34	2.88	0.05	0.05	0.20	0.027	0.05	11.5	18.9	0.31	1020	3.31	0.01
ZZ86400		0.86	65.2	2.85	4.33	0.06	0.03	0.29	0.045	0.06	20.7	16.3	0.43	331	5.25	0.01
ZZ86401		0.64	45.1	2.08	3.41	0.05	0.05	0.27	0.032	0.05	17.5	13.1	0.36	372	2.74	<0.01
ZZ86402		0.67	53.4	2.75	3.28	0.06	0.04	0.13	0.044	0.07	15.1	16.2	0.97	1020	2.32	<0.01
ZZ86403		0.81	44.5	2.87	4.18	0.06	0.05	0.08	0.044	0.08	18.1	18.5	0.72	695	1.49	<0.01
ZZ86404		1.04	50.2	3.90	6.30	0.07	0.04	0.06	0.044	0.08	21.9	22.5	1.20	1040	2.31	<0.01
ZZ86405		0.78	39.3	2.89	4.58	0.07	0.05	0.06	0.036	0.18	16.9	16.3	2.40	1360	1.93	0.01
ZZ86406		0.87	46.7	3.42	5.45	0.07	0.05	0.08	0.043	0.12	17.6	21.0	1.35	820	1.32	0.01
ZZ86407		0.87	42.6	3.44	5.86	0.09	0.05	0.05	0.036	0.16	18.7	20.0	1.95	813	1.17	0.01
ZZ86408		0.74	28.1	3.04	5.15	0.08	0.06	0.03	0.031	0.17	17.5	16.5	2.68	758	1.14	<0.01
ZZ86409		0.80	29.6	3.09	5.26	0.09	0.06	0.03	0.032	0.17	17.6	17.2	2.77	785	1.07	<0.01
ZZ86410		1.21	39.9	3.62	6.63	0.09	0.05	0.04	0.039	0.22	18.3	21.1	2.39	963	1.14	0.01
ZZ86411		0.90	29.8	3.42	6.00	0.09	0.06	0.03	0.033	0.17	20.4	18.4	2.40	561	0.83	<0.01
ZZ86412		0.79	23.7	2.96	4.89	0.10	0.07	0.02	0.028	0.15	19.2	15.7	2.81	668	0.84	<0.01
ZZ86413		1.42	19.6	2.95	6.94	0.05	0.03	0.01	0.028	0.04	17.3	28.1	0.38	362	1.26	<0.01
ZZ86414		0.79	24.6	1.83	3.95	<0.05	<0.02	0.02	0.015	0.04	13.6	4.7	0.11	2020	2.06	<0.01
ZZ86415		0.69	210	2.80	3.28	0.06	0.05	0.11	0.038	0.05	12.2	14.2	0.30	504	6.30	<0.01
ZZ86416		2.05	96.9	3.16	4.20	0.05	0.03	0.04	0.022	0.07	13.6	19.4	0.57	798	4.36	<0.01
ZZ86417		0.51	47.3	2.70	2.16	<0.05	0.04	0.07	0.031	0.04	12.4	7.2	0.27	714	4.44	<0.01
ZZ86418		0.79	78.5	3.41	3.46	0.05	0.08	0.09	0.036	0.06	14.0	15.4	0.50	7660	1.92	<0.01
ZZ86419		0.57	69.5	2.32	3.12	<0.05	0.06	0.09	0.033	0.05	10.2	13.6	0.57	2490	0.97	<0.01
ZZ86420		0.92	71.2	2.68	3.72	0.06	0.07	0.10	0.033	0.06	13.7	15.6	0.51	1320	1.53	0.01
ZZ86421		1.01	61.1	2.63	3.80	0.05	0.06	0.10	0.036	0.05	14.5	14.9	0.45	2730	1.76	<0.01
ZZ86422		0.57	29.2	2.46	3.04	0.05	0.05	0.05	0.027	0.04	12.4	13.7	1.31	543	1.32	<0.01
ZZ86423		0.70	42.4	2.60	3.26	0.06	0.07	0.08	0.032	0.06	13.1	16.0	2.61	654	1.69	0.01
ZZ86424		0.90	35.7	2.44	2.94	0.05	0.17	0.07	0.035	0.10	13.5	16.3	3.58	601	1.82	0.01
ZZ86425		0.84	41.0	2.68	3.59	0.05	0.08	0.09	0.030	0.08	13.4	16.9	1.93	561	1.67	0.01
ZZ86426		0.79	47.1	2.75	3.65	0.05	0.07	0.08	0.036	0.07	13.7	15.8	1.25	732	1.22	0.01
ZZ86427		0.71	43.0	2.65	3.41	0.07	0.07	0.09	0.037	0.07	13.0	15.2	1.40	1130	1.31	0.01
ZZ86428		0.76	61.9	2.87	3.53	0.06	0.08	0.08	0.031	0.07	13.0	14.9	1.10	1120	2.12	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86389		7.74	38.0	1080	15.3	9.9	<0.001	0.06	0.50	2.9	0.8	0.5	30.4	0.01	0.05	0.6
ZZ86390		5.23	39.1	1480	23.2	10.7	<0.001	0.02	0.62	3.4	0.7	0.6	40.6	0.01	0.04	1.5
ZZ86391		0.33	20.4	1410	23.2	7.3	0.001	0.20	3.90	1.0	4.7	0.2	60.1	<0.01	0.14	1.6
ZZ86392		0.43	19.7	1240	17.3	8.4	<0.001	0.05	1.43	0.8	1.7	0.3	28.3	<0.01	0.07	0.5
ZZ86393		0.26	42.9	1690	18.7	7.0	<0.001	0.16	2.34	0.5	3.9	0.3	39.0	<0.01	0.09	0.3
ZZ86394		0.28	23.9	1520	18.7	9.2	<0.001	0.12	0.75	0.4	1.1	0.3	19.7	<0.01	0.11	<0.2
ZZ86395		0.17	26.7	1370	15.7	7.4	<0.001	0.07	0.86	0.3	1.2	0.2	20.9	<0.01	0.11	0.2
ZZ86396		0.15	40.7	1450	15.4	7.6	<0.001	0.08	1.09	0.4	1.4	0.2	37.3	<0.01	0.12	0.2
ZZ86397		0.26	40.3	1710	18.9	8.4	<0.001	0.06	0.95	0.9	1.3	0.2	41.6	<0.01	0.11	0.5
ZZ86398		0.31	80.4	2150	17.8	14.5	0.001	0.10	0.91	0.7	1.8	0.3	68.2	<0.01	0.09	0.3
ZZ86399		0.44	281	2240	15.1	13.2	0.006	0.17	1.02	0.9	4.6	0.2	102.0	<0.01	0.09	0.4
ZZ86400		0.53	31.2	1500	23.2	11.4	0.001	0.11	1.95	1.3	2.5	0.3	67.5	<0.01	0.11	0.7
ZZ86401		0.66	24.3	1190	19.3	8.5	0.001	0.06	1.31	1.7	1.9	0.3	45.5	<0.01	0.06	1.3
ZZ86402		0.92	46.0	1250	33.0	7.5	0.002	0.04	1.33	2.6	1.6	0.3	60.4	<0.01	0.05	2.0
ZZ86403		0.97	35.3	1120	31.1	9.6	0.001	0.04	1.11	3.5	1.3	0.4	46.4	<0.01	0.05	2.5
ZZ86404		2.65	43.5	1680	25.1	12.4	<0.001	0.03	0.86	4.6	1.2	0.3	48.0	<0.01	0.05	3.2
ZZ86405		3.06	38.7	1820	24.9	11.1	0.001	0.03	0.88	4.0	2.1	0.3	122.0	<0.01	0.03	3.1
ZZ86406		3.17	46.4	1560	27.7	11.6	0.002	0.05	0.93	4.0	1.8	0.3	69.3	<0.01	0.05	2.9
ZZ86407		4.13	42.7	1940	23.2	13.2	0.001	0.04	0.76	4.1	1.3	0.3	89.7	<0.01	0.03	3.2
ZZ86408		3.31	35.5	1890	21.4	11.2	<0.001	0.02	0.74	3.7	0.7	0.3	122.5	<0.01	0.02	3.3
ZZ86409		3.87	35.9	1930	22.3	11.7	<0.001	0.02	0.76	3.7	0.8	0.3	123.0	<0.01	0.03	3.3
ZZ86410		4.64	45.1	1840	22.9	17.7	0.001	0.03	1.15	4.8	0.9	0.3	108.0	<0.01	0.03	3.0
ZZ86411		4.83	37.0	2300	19.5	13.8	0.001	0.03	0.73	4.0	0.7	0.3	92.9	<0.01	0.03	3.4
ZZ86412		3.74	31.5	2200	17.5	11.0	<0.001	0.02	0.77	3.4	0.7	0.3	117.5	<0.01	0.02	3.4
ZZ86413		1.65	18.3	3040	16.3	8.0	<0.001	<0.01	0.62	3.1	0.8	0.7	63.6	<0.01	0.04	2.7
ZZ86414		0.64	10.2	560	11.6	8.1	<0.001	0.01	0.34	0.7	0.7	0.3	7.1	<0.01	0.09	0.6
ZZ86415		0.60	65.9	970	21.8	7.8	0.005	0.06	1.84	2.2	11.4	0.3	72.5	<0.01	0.14	1.3
ZZ86416		0.56	45.4	760	17.0	12.8	0.001	0.03	1.02	1.8	4.0	0.3	42.1	<0.01	0.14	2.1
ZZ86417		0.48	17.6	710	17.5	5.3	0.001	0.03	0.96	1.6	3.8	0.2	34.9	<0.01	0.12	2.3
ZZ86418		0.62	57.4	940	25.9	8.0	<0.001	0.03	1.09	4.1	2.5	0.3	29.7	<0.01	0.09	2.7
ZZ86419		0.59	43.1	1150	20.4	6.8	0.001	0.07	0.94	2.6	1.4	0.3	45.7	<0.01	0.08	1.1
ZZ86420		0.76	42.4	1100	20.6	10.2	<0.001	0.04	0.90	4.1	1.5	0.3	30.0	<0.01	0.07	2.1
ZZ86421		0.63	35.3	900	19.6	9.3	<0.001	0.03	0.89	4.0	1.3	0.3	19.1	<0.01	0.07	2.1
ZZ86422		1.28	26.1	860	18.6	6.7	<0.001	0.03	1.01	3.3	0.7	0.3	46.8	0.01	0.04	2.1
ZZ86423		1.17	31.7	980	20.9	6.8	0.001	0.01	1.28	4.1	0.6	0.3	63.3	<0.01	0.03	3.2
ZZ86424		0.35	26.5	730	24.9	8.2	0.002	0.01	1.39	4.2	0.5	0.3	90.8	<0.01	0.03	4.2
ZZ86425		1.23	32.9	950	22.5	8.1	0.001	0.03	1.22	4.1	1.2	0.3	49.6	<0.01	0.04	3.5
ZZ86426		0.85	32.7	940	25.3	9.1	<0.001	0.03	1.04	4.1	0.7	0.3	28.0	<0.01	0.05	2.5
ZZ86427		0.83	29.9	960	27.6	8.3	0.005	0.06	1.11	3.8	3.2	0.3	54.8	<0.01	0.05	2.3
ZZ86428		0.91	35.9	960	21.6	7.7	0.001	0.04	1.39	3.6	1.3	0.3	37.9	<0.01	0.05	2.4

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ86389		0.265	0.08	0.85	112	0.27	4.49	93	1.0
ZZ86390		0.206	0.10	0.80	93	0.29	7.52	108	0.7
ZZ86391		0.009	0.12	2.26	26	0.10	9.06	145	0.8
ZZ86392		0.017	0.10	1.50	34	0.19	4.03	109	<0.5
ZZ86393		0.009	0.11	2.82	28	0.12	4.57	225	0.8
ZZ86394		0.010	0.10	1.74	30	0.16	3.05	95	<0.5
ZZ86395		0.008	0.07	1.97	24	0.12	3.13	100	<0.5
ZZ86396		0.010	0.11	2.68	26	0.10	5.83	139	<0.5
ZZ86397		0.013	0.08	3.05	25	0.14	8.15	149	0.6
ZZ86398		0.010	0.11	2.84	28	0.14	11.60	265	0.7
ZZ86399		0.009	0.11	2.95	23	0.10	17.75	489	1.2
ZZ86400		0.012	0.14	2.21	39	0.16	11.55	144	0.7
ZZ86401		0.015	0.11	1.85	30	0.16	8.58	111	1.4
ZZ86402		0.032	0.09	1.51	37	0.22	10.35	205	1.2
ZZ86403		0.031	0.11	1.43	42	0.19	11.55	157	1.7
ZZ86404		0.092	0.13	1.79	71	0.20	12.75	180	1.5
ZZ86405		0.111	0.08	0.96	55	0.20	9.61	137	2.0
ZZ86406		0.110	0.10	1.20	62	0.20	11.15	188	1.7
ZZ86407		0.138	0.09	0.89	67	0.25	9.89	143	2.0
ZZ86408		0.132	0.07	0.64	60	0.22	8.67	113	2.3
ZZ86409		0.145	0.08	0.73	62	0.24	9.01	114	2.4
ZZ86410		0.153	0.10	0.76	79	0.23	9.52	140	1.9
ZZ86411		0.156	0.08	0.72	72	0.23	8.82	106	2.1
ZZ86412		0.142	0.07	0.64	62	0.25	8.40	93	2.3
ZZ86413		0.024	0.16	1.02	67	0.30	11.10	75	1.2
ZZ86414		0.018	0.05	0.54	22	0.13	1.65	29	<0.5
ZZ86415		0.018	0.10	3.79	31	0.12	7.66	192	2.0
ZZ86416		0.032	0.17	1.75	32	0.09	3.36	186	0.9
ZZ86417		0.013	0.07	2.06	27	0.10	3.72	123	1.3
ZZ86418		0.018	0.12	1.77	37	0.29	12.10	162	2.6
ZZ86419		0.016	0.08	1.27	34	0.33	12.70	189	2.2
ZZ86420		0.019	0.13	1.79	39	0.25	14.80	139	1.8
ZZ86421		0.017	0.15	1.41	39	0.23	11.10	129	1.3
ZZ86422		0.037	0.08	0.97	36	0.27	8.81	93	1.4
ZZ86423		0.037	0.10	0.75	37	0.20	10.05	118	2.6
ZZ86424		0.030	0.13	1.00	34	0.24	9.10	126	6.9
ZZ86425		0.038	0.12	0.78	39	0.24	9.57	124	2.8
ZZ86426		0.031	0.11	0.81	40	0.49	10.80	140	2.0
ZZ86427		0.028	0.10	1.18	36	0.21	10.15	110	2.4
ZZ86428		0.031	0.11	1.13	38	0.18	9.68	118	2.7

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ86429		0.38	0.006	0.23	0.90	10.4	<0.2	<10	290	0.40	0.24	5.20	0.59	26.1	11.2	24
ZZ86430		0.22	0.005	0.56	1.04	10.0	<0.2	<10	200	0.40	0.21	1.46	0.48	25.8	12.0	28
ZZ86431		0.27	0.003	0.15	1.14	11.7	<0.2	<10	220	0.48	0.21	2.20	0.39	29.6	12.4	32
ZZ86432		0.35	0.004	0.27	1.91	9.6	<0.2	<10	280	0.71	0.19	1.28	0.26	42.1	20.8	76
ZZ86433		0.32	0.004	0.36	1.83	8.2	<0.2	<10	440	0.71	0.18	1.87	0.46	36.3	19.2	68
ZZ86434		0.38	0.007	0.49	1.86	9.3	<0.2	<10	350	0.68	0.20	1.57	0.45	40.3	19.5	70
ZZ86435		0.44	0.014	0.56	1.45	6.6	<0.2	<10	230	0.43	0.22	1.27	0.34	34.4	13.6	47
ZZ86436		0.18	0.006	0.29	1.35	6.9	<0.2	<10	220	0.48	0.15	2.73	0.23	17.20	13.9	43
ZZ86437		0.29	0.002	0.09	2.46	5.9	<0.2	<10	540	1.04	0.08	1.92	0.11	47.1	28.8	131
ZZ86438		0.13	0.004	0.10	1.30	2.7	<0.2	<10	480	0.37	0.06	3.38	0.32	13.60	14.8	53
ZZ86439		0.20	0.002	0.18	1.89	10.1	<0.2	<10	320	0.62	0.15	2.39	0.54	30.5	20.4	49
ZZ86440		0.19	0.003	0.24	1.76	7.8	<0.2	<10	430	0.65	0.17	2.11	0.60	25.0	20.3	71
ZZ86441		0.20	0.002	0.16	2.03	6.1	<0.2	<10	470	0.65	0.13	2.26	0.33	37.7	21.6	78
ZZ86442		0.15	0.002	0.11	1.84	9.2	<0.2	<10	370	0.61	0.13	2.26	0.27	32.1	20.6	91
ZZ86443		0.17	0.003	0.10	1.79	7.3	<0.2	<10	510	0.77	0.06	2.67	0.31	22.9	21.6	82
ZZ86444		0.17	0.003	0.08	2.31	4.5	<0.2	<10	830	0.91	0.09	2.54	0.16	20.0	27.5	87
ZZ86445		0.15	0.003	0.08	2.08	4.8	<0.2	<10	680	0.87	0.09	2.90	0.33	20.5	24.8	101
ZZ86446		0.11	0.004	0.11	1.44	6.3	<0.2	<10	500	0.63	0.11	3.51	0.40	15.10	20.0	61
ZZ86447		0.22	0.004	0.15	2.31	12.4	<0.2	<10	300	0.83	0.16	1.99	0.33	37.7	33.8	140
ZZ86448		0.35	0.005	0.15	2.21	14.4	<0.2	<10	300	0.62	0.25	1.60	0.21	31.4	32.5	181
ZZ86449		0.19	0.003	0.13	2.47	16.6	<0.2	<10	420	0.97	0.10	2.25	0.27	29.2	35.4	253
ZZ86450		0.21	0.003	0.13	2.69	17.2	<0.2	<10	370	1.04	0.10	2.32	0.19	38.6	33.3	222
ZZ86451		0.28	0.003	0.14	2.92	17.1	<0.2	<10	470	1.26	0.16	1.56	0.25	45.4	36.8	177
ZZ86452		0.16	0.002	0.12	2.76	14.7	<0.2	<10	450	1.11	0.13	2.11	0.26	37.4	33.2	167
ZZ86453		0.30	0.002	0.11	2.58	9.7	<0.2	<10	460	0.94	0.08	2.06	0.17	41.1	29.0	147
ZZ86454		0.29	0.002	0.08	2.57	10.2	<0.2	<10	580	1.19	0.08	2.06	0.16	52.3	29.5	174
ZZ86455		0.20	0.003	0.08	2.73	10.8	<0.2	<10	480	1.15	0.07	2.14	0.23	49.7	32.0	171
ZZ86456		0.23	0.003	0.13	2.17	7.8	<0.2	<10	530	1.25	0.08	2.34	0.45	33.6	26.0	122
ZZ86457		0.29	0.004	0.19	2.11	14.1	<0.2	<10	520	0.94	0.17	1.57	0.34	37.1	35.9	105
ZZ86458		0.33	0.003	0.18	2.26	10.3	<0.2	<10	570	1.08	0.13	1.97	0.42	41.3	26.7	132
ZZ86459		0.31	0.008	0.26	2.35	11.8	<0.2	<10	470	1.04	0.15	1.42	0.76	45.7	27.1	119
ZZ86460		0.28	0.004	0.46	2.25	15.0	<0.2	<10	390	0.41	0.20	0.66	0.42	37.5	30.9	95
ZZ86461		0.44	0.003	0.23	1.49	13.6	<0.2	<10	320	0.74	0.31	1.29	0.98	38.3	18.0	46
ZZ86462		0.46	0.003	0.22	0.99	11.8	<0.2	<10	180	0.53	0.29	6.34	0.64	27.0	13.4	22
ZZ86463		0.51	0.003	0.32	1.38	13.7	<0.2	<10	280	0.79	0.45	5.25	0.90	32.1	15.6	28
ZZ86464		0.33	0.007	0.22	1.47	12.2	<0.2	<10	300	0.69	0.27	1.23	0.85	39.1	18.5	48
ZZ86465		0.35	0.009	0.13	2.45	8.8	<0.2	<10	410	1.17	0.11	1.76	0.48	45.2	28.6	148
ZZ86466		0.30	0.004	0.14	2.59	11.6	<0.2	<10	490	1.35	0.11	1.70	0.39	50.4	27.5	148
ZZ86467		0.35	0.015	0.16	2.06	11.5	<0.2	<10	390	0.92	0.15	1.44	0.37	47.4	24.1	96
ZZ86468		0.37	0.003	0.22	1.74	12.3	<0.2	<10	370	0.89	0.25	3.11	0.50	35.8	20.4	62

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86429		0.83	31.6	2.50	3.13	0.06	0.09	0.07	0.027	0.07	13.5	15.7	2.98	508	1.48	0.01
ZZ86430		0.59	33.9	2.54	3.66	0.07	0.06	0.07	0.029	0.04	13.0	14.3	0.83	633	0.69	0.01
ZZ86431		0.57	35.7	2.72	3.96	0.06	0.07	0.06	0.029	0.06	14.9	15.7	1.56	493	1.32	0.01
ZZ86432		1.34	52.7	4.25	7.56	0.10	0.08	0.07	0.033	0.11	21.8	22.9	1.58	628	1.33	0.01
ZZ86433		1.10	56.2	3.88	7.00	0.09	0.08	0.10	0.036	0.11	19.3	20.0	1.46	934	1.55	0.01
ZZ86434		1.00	57.2	3.96	6.94	0.09	0.07	0.10	0.035	0.09	20.8	24.1	1.41	593	1.46	0.01
ZZ86435		1.23	69.0	3.49	5.26	0.08	0.08	0.12	0.023	0.08	18.6	20.4	0.98	614	2.17	0.01
ZZ86436		1.23	67.7	2.61	4.88	0.06	0.04	0.09	0.020	0.07	9.8	18.6	0.99	783	1.38	0.01
ZZ86437		3.73	42.8	5.32	10.70	0.13	0.05	0.04	0.032	0.29	24.8	39.2	2.24	766	1.40	<0.01
ZZ86438		1.91	42.2	2.31	5.07	0.07	0.03	0.07	0.015	0.06	7.6	20.9	1.08	662	0.89	0.01
ZZ86439		1.48	49.8	3.38	7.02	0.08	0.04	0.09	0.034	0.09	15.8	25.5	1.32	868	1.39	<0.01
ZZ86440		0.95	47.1	3.52	6.96	0.08	0.05	0.07	0.035	0.09	13.0	21.2	1.46	812	1.52	0.01
ZZ86441		1.06	45.1	3.90	7.38	0.10	0.06	0.07	0.033	0.14	20.1	24.4	1.67	828	1.39	0.01
ZZ86442		0.87	31.4	3.66	7.24	0.09	0.05	0.07	0.032	0.06	16.6	19.5	1.54	736	1.09	0.01
ZZ86443		0.95	35.9	3.36	7.51	0.10	0.05	0.05	0.025	0.09	12.1	17.5	1.55	773	1.11	0.01
ZZ86444		1.22	42.2	4.61	10.20	0.11	0.06	0.06	0.025	0.23	10.6	25.0	1.96	852	0.63	0.01
ZZ86445		1.84	50.6	3.89	8.30	0.11	0.04	0.07	0.025	0.24	11.0	22.3	1.63	915	0.75	0.01
ZZ86446		1.03	56.6	2.77	5.33	0.07	0.03	0.08	0.023	0.04	8.2	13.9	1.03	766	0.95	0.01
ZZ86447		3.40	53.3	4.69	8.31	0.16	0.06	0.06	0.044	0.11	18.2	30.2	2.22	1300	1.68	0.01
ZZ86448		1.78	95.3	4.23	7.62	0.11	0.04	0.07	0.034	0.06	16.4	23.8	2.04	1080	1.08	0.01
ZZ86449		2.81	70.9	4.86	10.30	0.14	0.04	0.05	0.042	0.15	14.8	27.7	2.47	900	0.88	0.01
ZZ86450		2.73	55.4	4.94	11.00	0.18	0.06	0.06	0.047	0.20	20.0	29.5	2.80	877	0.98	0.01
ZZ86451		2.78	67.6	5.75	12.75	0.19	0.07	0.06	0.054	0.26	23.6	33.5	2.79	1360	1.50	0.01
ZZ86452		2.36	51.8	5.20	11.60	0.18	0.05	0.06	0.049	0.20	19.1	33.0	2.56	1110	1.04	0.01
ZZ86453		3.03	40.4	4.88	10.95	0.16	0.07	0.06	0.034	0.23	21.4	31.7	2.36	916	0.95	0.01
ZZ86454		2.42	40.6	5.06	11.50	0.20	0.06	0.05	0.045	0.29	27.8	28.0	2.53	905	0.89	0.01
ZZ86455		1.90	54.4	5.14	12.20	0.22	0.05	0.04	0.050	0.26	26.8	27.5	2.74	926	0.87	<0.01
ZZ86456		1.80	44.7	4.12	9.68	0.12	0.05	0.06	0.037	0.16	18.3	21.1	1.90	1120	0.77	0.01
ZZ86457		1.59	37.8	4.38	9.46	0.09	0.05	0.09	0.044	0.07	18.7	21.3	1.71	1620	1.83	0.01
ZZ86458		2.59	39.9	4.47	9.68	0.13	0.06	0.08	0.047	0.16	21.4	23.3	1.97	1130	1.00	0.01
ZZ86459		2.39	43.2	4.76	10.10	0.12	0.06	0.09	0.050	0.09	23.9	22.7	2.01	1080	2.06	0.01
ZZ86460		1.75	52.0	4.10	8.17	0.07	0.04	0.13	0.039	0.06	18.9	22.7	1.71	1240	2.50	<0.01
ZZ86461		1.18	40.7	3.41	5.37	0.08	0.07	0.11	0.040	0.11	19.4	18.4	1.09	880	1.67	<0.01
ZZ86462		0.95	37.9	2.58	3.49	0.06	0.09	0.09	0.034	0.08	14.0	15.8	3.20	655	1.53	0.01
ZZ86463		1.43	43.1	3.28	4.46	0.06	0.09	0.13	0.040	0.14	16.1	20.5	2.70	792	2.00	0.01
ZZ86464		1.07	37.9	3.30	5.39	0.08	0.06	0.10	0.037	0.10	20.0	17.9	1.06	1030	1.52	<0.01
ZZ86465		1.91	44.9	4.76	10.90	0.16	0.06	0.08	0.046	0.20	24.1	24.0	2.30	841	0.96	<0.01
ZZ86466		2.58	43.7	5.10	11.55	0.19	0.07	0.06	0.051	0.36	26.6	27.3	2.51	741	1.02	0.01
ZZ86467		2.16	38.6	4.28	8.81	0.13	0.06	0.07	0.040	0.17	24.4	23.3	1.84	834	1.41	0.01
ZZ86468		1.36	40.4	3.86	6.87	0.09	0.06	0.09	0.046	0.14	18.3	20.5	2.46	884	1.33	0.01

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86429		1.74	28.7	1000	19.7	7.5	0.002	0.02	1.11	3.8	0.8	0.3	74.3	<0.01	0.03	3.5
ZZ86430		2.02	33.2	1100	19.2	7.2	0.017	0.09	0.65	3.4	6.9	0.3	96.7	0.01	0.04	1.8
ZZ86431		2.52	30.2	1290	18.8	6.5	0.001	0.03	0.94	4.0	0.6	0.3	51.6	0.01	0.04	3.3
ZZ86432		6.14	48.7	2200	15.2	16.5	0.001	0.03	0.82	6.1	1.0	0.3	79.8	0.01	0.05	4.0
ZZ86433		5.33	44.1	2000	18.3	14.2	0.001	0.05	1.03	5.4	1.4	0.3	94.1	0.01	0.05	2.8
ZZ86434		5.61	46.1	1850	17.6	13.0	0.002	0.04	1.00	5.3	1.6	0.3	107.5	0.01	0.05	3.4
ZZ86435		4.10	37.0	1840	13.4	11.8	0.001	0.07	1.15	3.1	1.8	0.2	109.0	0.01	0.08	2.7
ZZ86436		2.84	37.6	1290	10.1	10.9	0.002	0.11	0.80	2.5	2.6	0.2	161.5	0.01	0.06	0.6
ZZ86437		8.68	62.2	3800	7.0	30.0	0.001	0.05	0.46	6.4	1.3	0.3	180.0	0.01	0.02	2.7
ZZ86438		4.12	32.4	1340	5.2	8.7	0.004	0.17	0.43	2.2	1.9	0.2	205	0.03	0.02	0.5
ZZ86439		4.15	36.4	1260	12.8	17.1	0.003	0.09	0.47	5.0	2.1	0.3	182.5	0.01	0.04	1.5
ZZ86440		4.02	42.6	1350	14.8	14.4	0.001	0.08	0.72	5.1	1.6	0.3	105.5	0.01	0.04	1.5
ZZ86441		4.19	44.7	1790	11.9	15.9	0.001	0.09	0.58	5.7	1.2	0.3	132.5	0.01	0.04	2.0
ZZ86442		5.32	44.3	1500	12.6	8.6	0.001	0.08	0.51	5.5	1.2	0.3	111.0	0.02	0.03	1.7
ZZ86443		6.08	41.6	1340	7.3	14.4	0.001	0.11	0.27	5.3	0.9	0.2	193.0	0.02	0.03	1.2
ZZ86444		7.44	41.1	1230	8.5	19.9	<0.001	0.08	0.28	5.9	0.7	0.3	132.5	0.02	0.03	1.4
ZZ86445		5.69	50.1	1080	7.5	26.3	<0.001	0.10	0.26	5.0	0.8	0.2	153.5	0.02	0.02	1.0
ZZ86446		2.29	43.5	850	8.1	6.6	<0.001	0.11	0.42	3.7	0.9	0.2	181.0	0.02	0.03	0.5
ZZ86447		2.32	91.6	1300	13.2	14.7	0.001	0.05	0.41	8.4	0.9	0.3	123.5	0.01	0.05	1.9
ZZ86448		2.36	128.0	1130	11.9	9.1	<0.001	0.05	0.63	6.7	0.9	0.2	110.5	0.01	0.05	2.5
ZZ86449		4.83	103.0	1530	8.3	18.8	<0.001	0.08	0.43	10.2	0.8	0.3	126.0	0.01	0.03	1.6
ZZ86450		8.05	93.4	2060	8.7	27.3	<0.001	0.06	0.44	11.1	0.8	0.4	129.0	0.01	0.03	2.5
ZZ86451		7.20	82.2	2050	15.1	30.8	<0.001	0.04	0.62	12.2	0.9	0.4	95.0	0.01	0.04	4.0
ZZ86452		7.24	70.6	1750	11.1	26.7	<0.001	0.06	0.43	10.2	0.8	0.4	133.5	0.01	0.03	2.7
ZZ86453		9.46	62.1	1980	8.3	28.0	0.001	0.06	0.44	7.5	0.8	0.3	136.5	0.01	0.03	2.6
ZZ86454		8.40	73.4	2440	8.3	29.7	<0.001	0.06	0.41	9.1	0.7	0.3	139.0	0.01	0.03	3.4
ZZ86455		7.80	78.9	2620	6.4	28.0	<0.001	0.06	0.36	10.9	0.7	0.3	169.0	0.01	0.03	3.0
ZZ86456		5.97	54.3	1390	8.2	22.9	<0.001	0.09	0.46	5.6	0.7	0.3	133.5	0.02	0.02	1.4
ZZ86457		4.22	47.9	1160	14.9	10.9	<0.001	0.06	0.71	6.2	1.1	0.3	93.3	0.01	0.04	1.8
ZZ86458		5.92	56.5	1280	12.3	23.5	<0.001	0.06	0.64	8.2	1.0	0.4	120.0	0.01	0.04	2.2
ZZ86459		6.03	49.2	1620	13.7	16.1	<0.001	0.06	0.71	8.0	1.1	0.4	100.5	0.01	0.04	2.6
ZZ86460		0.79	67.5	1180	14.8	12.6	<0.001	0.05	0.98	6.9	1.3	0.3	55.6	0.01	0.05	2.2
ZZ86461		1.87	42.0	1200	32.8	15.6	0.001	0.03	1.26	4.9	0.9	0.3	60.0	0.01	0.05	3.3
ZZ86462		1.02	31.5	780	26.8	8.5	<0.001	<0.01	1.56	4.1	0.6	0.3	82.7	<0.01	0.04	3.8
ZZ86463		0.96	39.2	860	34.8	12.2	0.001	<0.01	1.67	5.1	0.8	0.4	71.8	<0.01	0.04	4.3
ZZ86464		2.18	39.9	1360	23.8	11.8	0.001	0.03	1.21	4.5	0.8	0.3	52.5	0.01	0.04	3.0
ZZ86465		6.72	69.3	2130	10.4	25.9	<0.001	0.04	0.59	7.7	0.9	0.3	113.5	0.01	0.03	2.9
ZZ86466		6.93	65.4	2310	11.5	35.6	<0.001	0.04	0.66	8.9	0.8	0.4	111.5	0.01	0.03	3.7
ZZ86467		5.74	49.8	2060	14.2	23.0	0.001	0.04	0.71	6.2	0.8	0.3	89.4	0.01	0.04	3.3
ZZ86468		3.68	43.4	1320	24.5	16.1	<0.001	0.02	1.17	6.0	0.7	0.4	69.4	0.01	0.04	3.1

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86429		0.049	0.10	0.74	38	0.21	9.04	114	3.2
ZZ86430		0.047	0.08	1.25	38	0.13	8.72	92	1.8
ZZ86431		0.071	0.07	0.75	48	0.29	8.69	96	2.3
ZZ86432		0.156	0.11	0.92	85	0.24	11.45	107	2.8
ZZ86433		0.137	0.10	1.23	79	0.21	10.60	109	2.7
ZZ86434		0.132	0.10	1.32	79	0.22	10.40	112	2.9
ZZ86435		0.094	0.10	2.71	52	0.17	8.78	105	2.6
ZZ86436		0.063	0.08	4.50	49	0.09	7.64	66	1.7
ZZ86437		0.226	0.12	0.97	121	0.30	9.62	85	1.5
ZZ86438		0.084	0.08	1.51	47	0.12	4.38	54	1.2
ZZ86439		0.083	0.14	1.75	80	0.14	9.88	81	1.4
ZZ86440		0.106	0.09	2.04	78	0.14	8.32	91	1.6
ZZ86441		0.131	0.10	1.67	85	0.12	10.05	83	2.3
ZZ86442		0.127	0.07	1.34	87	0.14	7.75	85	1.6
ZZ86443		0.152	0.07	0.62	88	0.14	5.70	68	1.7
ZZ86444		0.232	0.08	0.54	121	0.16	5.85	81	1.7
ZZ86445		0.155	0.09	0.67	92	0.13	5.95	74	1.4
ZZ86446		0.068	0.07	1.05	62	0.09	6.68	51	1.1
ZZ86447		0.102	0.19	0.73	105	0.10	13.55	80	1.7
ZZ86448		0.073	0.09	0.96	81	0.19	11.50	80	1.1
ZZ86449		0.147	0.10	0.68	130	0.14	8.36	88	1.3
ZZ86450		0.238	0.15	0.68	139	0.18	8.13	84	1.8
ZZ86451		0.235	0.18	0.73	151	0.20	10.00	109	2.3
ZZ86452		0.211	0.16	0.73	145	0.16	7.68	95	1.9
ZZ86453		0.247	0.13	0.82	124	0.20	8.04	89	2.6
ZZ86454		0.235	0.13	0.50	135	0.21	8.26	89	2.1
ZZ86455		0.219	0.10	0.68	142	0.15	8.56	85	1.7
ZZ86456		0.165	0.11	0.82	110	0.14	7.20	88	1.6
ZZ86457		0.130	0.12	1.32	107	0.16	8.34	107	1.7
ZZ86458		0.184	0.15	1.04	110	0.11	9.38	111	2.0
ZZ86459		0.178	0.15	1.60	119	0.15	10.05	133	2.0
ZZ86460		0.056	0.22	2.46	72	0.16	15.60	119	1.0
ZZ86461		0.057	0.15	0.98	58	0.21	12.55	155	2.0
ZZ86462		0.033	0.14	0.71	36	0.27	9.81	121	3.1
ZZ86463		0.030	0.19	0.81	47	0.20	11.90	153	3.3
ZZ86464		0.071	0.13	0.91	61	0.34	10.55	133	1.8
ZZ86465		0.203	0.12	0.86	120	0.18	8.99	116	2.0
ZZ86466		0.219	0.16	0.95	132	0.14	9.79	112	2.2
ZZ86467		0.166	0.13	1.03	98	0.33	9.66	108	2.0
ZZ86468		0.113	0.14	0.66	80	0.20	10.30	125	1.9

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ86469		0.31	0.004	0.23	1.47	11.5	<0.2	<10	330	0.72	0.29	1.83	0.50	29.6	16.0	45
ZZ86470		0.31	0.003	0.21	1.53	11.3	<0.2	<10	360	0.77	0.23	2.43	0.57	30.4	17.6	50

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Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86469		1.13	37.8	3.30	5.44	0.08	0.06	0.11	0.047	0.12	14.9	18.5	1.44	683	1.34	0.01
ZZ86470		1.14	38.5	3.36	5.80	0.08	0.06	0.07	0.042	0.10	15.5	18.2	1.65	719	0.94	0.01

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Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86469		2.31	37.7	1080	26.8	17.0	<0.001	0.03	1.33	4.9	0.8	0.4	43.6	0.01	0.04	2.7
ZZ86470		3.03	37.6	1220	23.4	13.8	<0.001	0.04	1.14	5.1	0.7	0.3	58.9	0.01	0.03	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86469		0.069	0.14	0.76	63	0.21	9.01	144	2.0
ZZ86470		0.086	0.11	0.97	66	0.59	9.55	134	1.8

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CERTIFICATE OF ANALYSIS WH13145824

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

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Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE WH13145825

Project: RAU
P.O. No.: S13-R3
This report is for 211 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28-AUG-2013
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Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ85764	0.31	0.004	0.97	1.27	14.4	<0.2	<10	250	0.36	0.29	0.23	0.77	32.4	13.3	39
ZZ85765	0.27	0.004	0.23	2.44	9.1	<0.2	<10	380	1.02	0.18	1.00	0.37	43.5	29.7	105
ZZ85766	0.30	0.003	0.24	1.36	4.9	<0.2	<10	160	0.54	0.22	1.26	0.35	56.3	15.6	38
ZZ85767	0.27	0.003	0.21	0.87	4.3	<0.2	<10	260	0.25	0.44	0.32	0.26	18.85	6.4	14
ZZ85768	0.15	0.012	0.09	2.41	6.1	<0.2	<10	430	1.42	0.10	2.27	0.26	32.4	29.9	114
ZZ85769	0.25	0.002	0.36	1.67	6.6	<0.2	<10	260	0.34	0.25	0.28	2.88	31.6	15.0	56
ZZ85770	0.16	0.001	0.18	2.65	8.3	<0.2	<10	480	0.92	0.13	1.46	0.25	38.9	31.6	106
ZZ85771	0.15	<0.001	0.12	2.59	13.5	<0.2	<10	540	1.55	0.05	2.58	0.26	38.6	31.2	122
ZZ85772	0.15	0.003	0.10	2.90	4.5	<0.2	<10	1170	1.62	0.09	2.64	0.18	23.6	37.1	146
ZZ85773	0.14	0.001	0.09	3.11	3.6	<0.2	<10	1210	1.37	0.07	2.30	0.14	22.0	37.9	94
ZZ85774	0.18	0.002	0.09	2.90	5.2	<0.2	<10	760	1.32	0.08	2.50	0.13	27.4	32.4	161
ZZ85775	0.19	0.002	0.16	2.69	8.4	<0.2	<10	490	1.00	0.10	2.57	0.25	34.5	32.8	152
ZZ85776	0.14	0.003	0.18	2.90	10.7	<0.2	<10	350	0.86	0.09	2.62	0.49	19.70	37.7	268
ZZ85777	0.22	0.006	0.17	2.48	14.0	<0.2	<10	230	0.69	0.27	2.34	0.31	35.2	38.3	214
ZZ85778	0.20	<0.001	0.16	2.39	10.7	<0.2	<10	400	0.68	0.14	2.21	0.45	36.5	33.8	169
ZZ85779	0.26	<0.001	0.12	3.08	21.3	<0.2	<10	410	1.02	0.12	1.84	0.19	48.6	36.8	201
ZZ85780	0.32	<0.001	0.08	4.18	14.3	<0.2	<10	780	1.96	0.05	2.08	0.14	55.3	44.6	214
ZZ85781	0.19	<0.001	0.09	3.19	6.3	<0.2	<10	550	1.20	0.10	2.04	0.27	43.9	37.2	181
ZZ85782	0.23	0.001	0.11	3.53	11.0	<0.2	<10	830	1.70	0.09	1.97	0.15	53.8	35.4	199
ZZ85783	0.21	<0.001	0.13	3.80	10.4	<0.2	<10	920	1.59	0.07	2.28	0.13	41.4	38.2	183
ZZ85784	0.18	<0.001	0.26	3.00	10.8	<0.2	<10	790	1.24	0.12	1.63	0.40	60.1	31.8	188
ZZ85785	0.21	0.001	0.17	2.89	3.8	<0.2	<10	600	1.05	0.25	0.72	0.16	63.9	23.3	101
ZZ85786	0.17	0.001	0.17	2.61	10.9	<0.2	<10	640	1.19	0.15	1.89	0.41	45.3	28.4	122
ZZ86941	0.14	<0.001	0.11	3.14	12.5	<0.2	<10	700	1.64	0.10	2.13	0.20	56.7	31.5	181
ZZ86942	0.19	0.001	0.07	3.04	7.4	<0.2	<10	620	1.36	0.08	2.05	0.18	48.3	30.4	140
ZZ86943	0.17	0.002	0.37	2.26	10.0	<0.2	<10	390	0.77	0.20	1.65	0.62	49.5	25.4	106
ZZ86944	0.20	<0.001	0.18	1.35	3.6	<0.2	<10	100	0.18	0.33	0.08	0.82	37.7	13.2	35
ZZ86945	0.16	0.011	0.14	1.57	7.1	<0.2	<10	110	0.33	0.35	0.58	0.17	48.3	24.0	42
ZZ86946	0.32	<0.001	0.19	1.43	11.6	<0.2	<10	300	0.64	0.31	1.72	0.46	32.6	13.2	44
ZZ86947	0.29	0.001	0.24	1.47	13.0	<0.2	<10	200	0.64	0.33	2.01	0.43	31.9	14.4	39
ZZ86948	0.24	<0.001	0.12	1.48	9.0	<0.2	<10	320	0.58	0.24	3.34	0.38	28.8	19.0	52
ZZ85671	0.38	0.003	0.27	0.95	12.3	<0.2	<10	150	0.41	0.29	4.04	0.57	23.1	10.2	23
ZZ85672	0.21	0.002	0.23	1.29	12.6	<0.2	<10	290	0.48	0.29	0.70	1.09	23.8	12.5	23
ZZ85673	0.29	0.003	0.28	1.31	13.6	<0.2	<10	230	0.46	0.32	0.77	0.39	26.3	11.1	27
ZZ85674	0.31	0.004	0.28	1.28	10.9	<0.2	<10	230	0.37	0.30	0.80	0.50	23.2	11.8	24
ZZ85675	0.26	<0.001	0.32	1.09	7.0	<0.2	<10	210	0.33	0.25	0.49	0.36	20.2	9.1	21
ZZ85676	0.17	0.001	0.50	1.12	15.0	<0.2	<10	350	0.34	0.30	0.79	0.65	17.80	14.8	19
ZZ85677	0.14	<0.001	0.33	1.22	11.6	<0.2	<10	370	0.44	0.24	1.88	2.01	18.55	11.4	27
ZZ85678	0.20	0.001	0.19	1.23	10.9	<0.2	<10	250	0.49	0.25	2.84	0.50	25.4	12.2	31
ZZ85679	0.32	0.001	0.16	1.51	10.5	<0.2	<10	200	0.53	0.20	4.78	0.47	29.6	16.2	24

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VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85764		0.69	48.8	3.52	6.10	0.06	0.04	0.04	0.024	0.13	16.5	13.0	0.61	471	4.46	0.01
ZZ85765		1.66	57.0	5.16	10.35	0.09	0.09	0.04	0.031	0.10	22.9	42.4	1.86	840	1.47	0.01
ZZ85766		1.42	35.5	3.32	4.94	0.08	0.09	0.06	0.026	0.10	31.2	17.3	0.75	445	3.10	<0.01
ZZ85767		0.93	45.7	2.58	5.28	0.05	0.05	0.04	0.010	0.12	12.6	6.7	0.21	242	6.11	<0.01
ZZ85768		3.60	45.2	4.73	10.30	0.13	0.05	0.06	0.032	0.18	17.1	34.2	2.09	1070	2.74	0.01
ZZ85769		1.22	32.0	3.87	8.73	0.07	0.02	0.04	0.028	0.11	15.9	16.6	0.98	820	5.84	0.01
ZZ85770		1.00	48.7	4.91	10.70	0.09	0.04	0.07	0.040	0.08	20.1	28.6	2.32	997	3.27	0.01
ZZ85771		1.39	51.2	4.80	11.40	0.14	0.06	0.07	0.039	0.29	20.4	25.5	2.30	1030	1.89	0.01
ZZ85772		1.70	74.7	5.57	13.05	0.16	0.05	0.06	0.025	0.44	13.0	29.9	2.59	1590	0.70	0.01
ZZ85773		2.34	51.5	5.84	14.55	0.16	0.05	0.05	0.035	0.48	11.8	34.2	3.00	1180	0.40	0.01
ZZ85774		2.83	57.5	5.41	12.40	0.19	0.06	0.05	0.025	0.47	14.7	19.9	2.58	980	0.74	0.01
ZZ85775		2.43	86.2	5.33	10.75	0.19	0.06	0.06	0.039	0.22	19.0	15.7	2.31	1020	0.89	0.01
ZZ85776		3.56	96.9	5.06	10.55	0.16	0.05	0.06	0.050	0.10	10.7	18.5	2.80	1060	1.16	0.01
ZZ85777		2.10	105.5	4.91	8.85	0.19	0.06	0.05	0.039	0.05	17.5	17.5	2.29	1070	1.31	0.01
ZZ85778		1.98	92.1	4.52	9.14	0.15	0.06	0.07	0.039	0.09	20.1	17.3	1.98	1250	1.14	0.01
ZZ85779		2.46	64.7	6.00	12.90	0.19	0.06	0.05	0.058	0.29	26.1	22.3	3.15	896	0.79	0.01
ZZ85780		3.57	64.7	7.95	18.50	0.27	0.06	0.03	0.077	0.92	29.3	31.2	4.41	1100	0.97	0.01
ZZ85781		2.39	62.6	5.72	14.35	0.20	0.07	0.05	0.051	0.35	23.2	22.3	2.95	1220	1.03	0.01
ZZ85782		3.03	59.1	6.41	15.90	0.24	0.08	0.04	0.063	0.69	30.2	27.1	3.39	1090	0.68	0.01
ZZ85783		3.67	53.5	7.03	16.00	0.27	0.08	0.04	0.064	0.82	22.6	28.8	3.63	1080	0.79	0.01
ZZ85784		2.16	57.7	6.12	14.05	0.21	0.08	0.07	0.062	0.27	33.7	20.4	2.72	795	1.80	0.01
ZZ85785		3.82	49.9	5.64	9.98	0.13	0.05	0.02	0.039	0.62	33.8	32.6	2.20	616	2.34	0.01
ZZ85786		2.27	45.8	5.06	10.05	0.14	0.05	0.05	0.052	0.33	24.1	23.8	2.11	1220	1.32	<0.01
ZZ86941		2.84	49.9	5.55	12.30	0.22	0.06	0.03	0.053	0.53	30.5	30.1	2.85	982	0.66	<0.01
ZZ86942		2.21	45.4	5.58	11.50	0.17	0.05	0.03	0.053	0.43	25.5	24.6	2.72	1050	0.79	0.01
ZZ86943		2.32	54.1	4.39	8.08	0.13	0.07	0.06	0.038	0.26	26.5	20.8	1.72	683	1.81	0.01
ZZ86944		1.02	40.3	3.68	4.38	0.05	<0.02	0.05	0.017	0.13	20.0	10.6	0.68	548	2.46	0.01
ZZ86945		1.18	42.6	4.47	5.68	0.07	0.04	0.03	0.027	0.09	24.0	16.5	0.68	1440	1.45	<0.01
ZZ86946		0.72	43.8	3.06	4.58	0.09	0.06	0.05	0.036	0.07	16.9	16.3	1.23	576	1.05	<0.01
ZZ86947		0.71	41.2	3.15	4.34	0.05	0.04	0.06	0.042	0.08	16.3	16.4	1.59	560	1.02	<0.01
ZZ86948		0.76	44.8	3.14	4.77	0.06	0.03	0.05	0.029	0.08	14.5	17.1	1.93	1000	1.19	<0.01
ZZ85671		0.61	39.4	2.54	2.69	0.05	0.04	0.07	0.030	0.05	12.2	10.5	2.39	788	1.20	0.01
ZZ85672		0.90	66.8	2.54	3.19	<0.05	0.02	0.06	0.026	0.05	12.8	14.4	0.59	1340	1.67	<0.01
ZZ85673		0.84	54.0	2.88	3.50	0.05	0.02	0.06	0.029	0.05	14.3	13.8	0.72	693	1.81	<0.01
ZZ85674		0.99	68.5	2.58	3.44	<0.05	<0.02	0.06	0.022	0.08	12.5	13.9	0.68	535	1.53	<0.01
ZZ85675		0.78	40.4	1.88	3.10	<0.05	0.02	0.06	0.019	0.05	10.7	11.4	0.51	821	1.47	<0.01
ZZ85676		0.83	66.6	2.43	2.88	<0.05	0.02	0.07	0.019	0.05	9.7	12.0	0.45	1470	3.24	<0.01
ZZ85677		0.68	70.9	2.36	3.31	0.05	0.05	0.06	0.030	0.06	10.3	13.5	0.77	1140	1.19	<0.01
ZZ85678		0.90	37.9	2.64	3.74	0.05	0.06	0.06	0.039	0.09	12.9	14.0	1.61	517	1.05	0.01
ZZ85679		0.94	36.9	3.43	4.77	0.06	0.06	0.04	0.027	0.12	15.4	19.2	2.66	920	1.04	0.01

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CERTIFICATE OF ANALYSIS WH13145825

Sample Description	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
Method / Analyte / Units / LOR	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85764	4.28	35.3	1100	17.2	15.4	<0.001	0.05	1.38	2.7	1.2	0.4	37.4	<0.01	0.08	3.0
ZZ85765	8.09	62.1	3100	12.8	15.9	<0.001	0.01	0.84	4.5	0.7	0.5	94.0	0.01	0.05	3.9
ZZ85766	3.62	39.9	970	13.5	14.5	<0.001	0.06	1.08	3.3	1.1	0.3	83.1	0.01	0.05	5.1
ZZ85767	3.27	24.5	490	18.5	19.0	<0.001	0.03	0.87	1.7	0.7	0.5	67.8	0.01	0.09	2.2
ZZ85768	6.67	60.7	2400	10.0	25.7	0.006	0.10	0.65	5.7	5.0	0.3	205	0.02	0.04	1.8
ZZ85769	4.27	36.7	1210	14.3	16.0	<0.001	0.07	0.66	2.8	1.7	0.5	57.1	0.01	0.08	0.5
ZZ85770	4.08	50.8	1940	13.5	10.0	0.001	0.07	0.55	7.2	1.7	0.4	123.5	0.01	0.04	2.1
ZZ85771	8.70	59.1	2270	7.9	28.3	0.002	0.11	0.43	8.4	1.7	0.3	217	0.02	0.03	2.2
ZZ85772	7.66	68.5	1710	8.6	35.1	<0.001	0.07	0.44	5.3	0.8	0.3	139.0	0.01	0.03	1.3
ZZ85773	6.88	50.4	1670	6.8	40.9	<0.001	0.06	0.36	7.6	0.7	0.4	133.0	0.01	0.03	1.2
ZZ85774	8.93	72.2	1610	8.2	39.3	<0.001	0.06	0.40	5.2	0.7	0.3	145.5	0.02	0.03	1.5
ZZ85775	7.28	76.8	1930	9.6	27.7	<0.001	0.06	0.48	7.7	0.8	0.3	162.0	0.02	0.03	1.8
ZZ85776	2.79	117.0	1510	8.4	17.0	<0.001	0.08	0.45	12.5	1.1	0.3	168.0	0.01	0.03	0.9
ZZ85777	1.52	114.0	1190	14.1	10.8	<0.001	0.08	0.52	9.3	1.3	0.2	147.5	0.01	0.04	1.5
ZZ85778	3.43	84.8	1220	12.9	18.3	<0.001	0.07	0.49	7.8	1.2	0.3	138.0	0.01	0.04	1.7
ZZ85779	6.82	89.1	2230	12.7	25.1	<0.001	0.03	0.51	11.7	0.8	0.3	106.5	0.01	0.03	3.6
ZZ85780	5.69	93.1	4120	5.9	50.9	<0.001	0.02	0.36	16.6	0.7	0.3	199.5	0.01	0.03	4.7
ZZ85781	9.55	81.4	2350	8.8	40.9	<0.001	0.05	0.49	10.2	0.8	0.4	135.0	0.01	0.03	3.4
ZZ85782	9.45	84.7	2340	9.0	58.4	<0.001	0.05	0.54	12.7	0.7	0.4	146.5	0.01	0.03	4.2
ZZ85783	9.60	82.8	2430	7.9	64.6	<0.001	0.07	0.56	13.9	0.9	0.4	192.0	0.01	0.03	3.0
ZZ85784	11.45	70.1	2350	10.5	31.7	<0.001	0.06	0.56	11.2	1.4	0.4	137.5	0.02	0.04	4.3
ZZ85785	5.28	48.1	2200	17.2	49.9	0.001	0.06	0.59	6.4	1.0	0.5	102.5	<0.01	0.05	6.0
ZZ85786	5.60	53.0	1690	11.6	31.5	0.001	0.06	0.59	8.5	0.9	0.3	140.5	0.01	0.04	2.5
ZZ86941	6.91	79.8	2140	8.9	46.2	<0.001	0.06	0.39	11.3	0.7	0.4	145.0	0.01	0.01	3.4
ZZ86942	6.78	56.2	2110	7.4	36.9	0.001	0.08	0.35	9.4	0.7	0.3	146.5	0.01	0.02	2.5
ZZ86943	5.91	54.2	2010	13.8	31.7	0.001	0.08	0.64	6.8	1.2	0.3	130.0	0.01	0.04	3.4
ZZ86944	1.86	34.6	900	20.8	14.7	0.001	0.09	0.58	1.1	0.6	0.2	34.1	<0.01	0.06	0.5
ZZ86945	5.52	43.8	1150	27.5	14.3	<0.001	0.06	0.83	2.4	0.7	0.3	45.9	0.03	0.05	2.5
ZZ86946	1.80	35.1	1110	25.3	8.9	0.001	0.04	1.01	4.2	1.0	0.3	43.5	0.01	0.03	2.4
ZZ86947	1.53	34.6	990	29.3	8.4	<0.001	0.02	0.87	4.4	0.7	0.3	34.1	<0.01	0.04	2.6
ZZ86948	2.16	37.7	950	16.7	8.8	<0.001	0.06	0.57	3.7	0.9	0.2	90.2	0.01	0.01	1.8
ZZ85671	0.93	27.6	1030	21.2	6.7	<0.001	0.03	1.04	3.0	0.5	0.2	39.8	<0.01	0.04	1.5
ZZ85672	0.52	44.8	1220	18.2	8.7	0.001	0.05	1.01	2.1	1.2	0.3	50.3	<0.01	0.07	0.8
ZZ85673	0.73	32.3	1280	19.1	8.0	0.001	0.03	0.94	2.6	1.0	0.3	37.6	<0.01	0.07	1.0
ZZ85674	0.64	33.2	1140	17.9	10.3	0.006	0.05	0.93	2.3	2.0	0.3	52.0	<0.01	0.06	0.9
ZZ85675	0.53	22.9	940	11.9	8.5	0.003	0.04	0.68	2.0	1.2	0.2	50.5	<0.01	0.05	0.9
ZZ85676	0.30	34.4	1590	18.1	8.7	0.005	0.07	0.92	1.2	3.0	0.2	62.4	<0.01	0.08	0.4
ZZ85677	0.83	37.0	1180	18.0	9.0	0.003	0.09	0.99	2.6	2.6	0.3	53.5	<0.01	0.05	1.0
ZZ85678	1.53	30.0	930	22.6	8.8	0.002	0.03	0.95	3.8	1.3	0.3	50.3	<0.01	0.02	2.8
ZZ85679	3.64	26.5	2170	22.7	8.1	0.001	0.01	0.88	3.1	0.8	0.3	107.0	<0.01	0.04	2.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ85764		0.116	0.12	1.32	64	0.25	4.16	102	1.5
ZZ85765		0.276	0.09	0.90	111	0.38	10.45	94	3.5
ZZ85766		0.085	0.13	1.26	47	0.30	12.45	88	3.2
ZZ85767		0.124	0.14	0.99	40	0.08	3.29	57	2.3
ZZ85768		0.183	0.14	3.64	108	0.21	9.52	94	1.7
ZZ85769		0.147	0.12	1.04	92	0.21	4.28	103	0.6
ZZ85770		0.152	0.10	2.27	125	0.16	11.70	112	1.3
ZZ85771		0.239	0.10	1.36	137	0.24	8.23	92	2.0
ZZ85772		0.237	0.10	0.40	134	0.18	8.12	92	1.6
ZZ85773		0.264	0.10	0.33	158	0.14	6.88	94	1.5
ZZ85774		0.244	0.12	0.36	131	0.21	7.03	92	1.7
ZZ85775		0.196	0.12	0.99	135	0.19	8.91	89	1.8
ZZ85776		0.105	0.13	0.94	141	0.08	13.90	80	1.3
ZZ85777		0.068	0.10	1.04	111	0.07	15.20	81	1.6
ZZ85778		0.108	0.14	1.40	114	0.13	14.20	95	1.9
ZZ85779		0.231	0.11	0.50	159	0.16	10.65	106	1.8
ZZ85780		0.350	0.16	0.32	236	0.16	8.45	114	2.3
ZZ85781		0.278	0.12	0.67	166	0.24	8.51	104	2.3
ZZ85782		0.317	0.19	0.51	188	0.17	8.86	106	2.7
ZZ85783		0.351	0.21	0.82	206	0.13	9.11	111	3.0
ZZ85784		0.263	0.14	1.44	178	0.16	11.40	125	3.2
ZZ85785		0.338	0.23	1.10	109	0.11	11.45	120	2.6
ZZ85786		0.207	0.18	1.24	138	0.11	8.57	127	2.4
ZZ86941		0.276	0.18	0.45	158	0.12	8.44	100	2.3
ZZ86942		0.256	0.12	0.46	156	0.13	7.21	96	1.9
ZZ86943		0.173	0.13	1.71	100	0.17	11.65	135	2.9
ZZ86944		0.060	0.09	0.79	41	0.09	4.11	87	0.5
ZZ86945		0.079	0.11	0.86	53	0.19	10.90	79	2.0
ZZ86946		0.059	0.09	0.73	54	0.16	9.22	119	2.6
ZZ86947		0.057	0.10	0.49	56	0.17	9.98	128	1.5
ZZ86948		0.074	0.07	0.97	56	0.10	7.39	94	1.0
ZZ85671		0.035	0.09	0.88	35	0.18	10.15	122	1.4
ZZ85672		0.023	0.10	2.00	35	0.17	12.70	143	0.7
ZZ85673		0.033	0.10	1.48	42	0.16	10.20	116	0.5
ZZ85674		0.031	0.11	1.99	37	0.18	8.97	121	<0.5
ZZ85675		0.019	0.10	2.47	26	0.11	6.11	69	0.6
ZZ85676		0.014	0.09	4.38	26	0.11	11.25	84	0.5
ZZ85677		0.025	0.10	2.27	37	0.15	9.52	154	2.0
ZZ85678		0.063	0.11	0.68	45	0.21	7.77	122	2.0
ZZ85679		0.103	0.08	0.58	61	0.21	9.16	124	2.3

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85680		0.22	0.002	0.12	1.05	17.5	<0.2	<10	190	0.34	0.26	0.58	0.40	22.0	16.1	20
ZZ85681		0.29	0.001	0.06	1.77	21.6	<0.2	<10	250	0.48	0.31	0.18	0.19	25.2	12.2	29
ZZ85682		0.18	0.004	0.32	2.31	25.9	<0.2	<10	430	0.70	0.43	0.30	0.25	26.1	16.4	38
ZZ85683		0.33	0.003	0.28	1.50	16.2	<0.2	<10	150	0.64	0.33	2.21	0.47	29.4	11.9	33
ZZ85684		0.30	0.001	0.32	1.24	16.7	<0.2	<10	170	0.54	0.32	2.55	0.42	25.2	11.8	26
ZZ85685		0.25	0.003	0.23	1.60	24.5	<0.2	<10	310	0.50	0.37	0.21	0.39	23.1	13.8	26
ZZ85686		0.34	0.001	0.31	1.08	14.2	<0.2	<10	240	0.43	0.33	3.69	0.75	25.1	12.4	20
ZZ85687		0.46	0.001	0.22	1.25	13.8	<0.2	<10	220	0.58	0.33	4.65	0.61	29.4	12.0	29
ZZ85688		0.43	0.002	0.28	1.26	14.2	<0.2	<10	170	0.49	0.33	2.71	0.56	27.7	12.1	28
ZZ85689		0.17	0.001	0.30	0.88	15.9	<0.2	<10	200	0.36	0.31	1.16	0.28	16.60	13.1	13
ZZ85690		0.36	0.001	0.29	0.74	19.3	<0.2	<10	190	0.23	0.39	0.34	0.20	18.00	14.3	8
ZZ85691		0.19	0.009	1.03	1.36	21.7	<0.2	<10	520	0.28	0.34	0.07	0.82	29.1	7.4	29
ZZ85692		0.40	0.005	0.27	1.66	17.2	<0.2	<10	220	0.76	0.37	0.89	0.46	38.2	12.7	29
ZZ85693		0.24	0.006	0.68	1.43	15.5	<0.2	<10	290	0.63	0.34	0.77	0.86	27.7	11.8	27
ZZ85694		0.27	0.002	0.55	1.35	14.4	<0.2	<10	290	0.66	0.33	1.78	0.43	23.2	9.2	25
ZZ85695		0.28	0.035	1.94	1.06	25.2	<0.2	<10	370	0.37	0.29	0.97	0.60	20.3	8.0	20
ZZ85696		0.38	0.003	0.28	1.07	13.8	<0.2	<10	180	0.43	0.33	4.89	0.78	26.1	12.0	23
ZZ85697		0.43	0.002	0.31	0.96	13.2	<0.2	<10	160	0.48	0.27	5.05	0.53	23.0	10.9	22
ZZ85698		0.32	0.039	0.82	1.21	16.7	<0.2	<10	230	0.51	0.29	2.85	0.66	25.4	12.9	28
ZZ85699		0.43	0.014	0.79	1.41	20.7	<0.2	<10	390	0.43	0.35	0.11	0.50	33.0	10.9	33
ZZ85700		0.28	0.004	1.76	1.42	18.1	<0.2	<10	220	0.43	0.34	0.08	0.55	30.2	9.2	29
ZZ85701		0.34	0.012	1.35	1.15	19.1	<0.2	<10	200	0.37	0.31	0.11	0.46	30.5	10.6	28
ZZ85702		0.27	0.006	0.65	1.14	9.6	<0.2	<10	200	0.29	0.28	0.09	0.53	23.1	5.2	19
ZZ85703		0.28	0.003	0.31	0.93	8.0	<0.2	<10	160	0.25	0.24	0.10	0.45	20.3	4.0	16
ZZ85704		0.38	0.007	0.35	1.02	21.1	<0.2	<10	150	0.27	0.30	0.07	0.44	29.9	10.3	18
ZZ85705		0.26	0.009	0.63	0.95	18.5	<0.2	<10	170	0.29	0.32	0.08	0.63	25.1	8.1	17
ZZ85706		0.36	0.008	0.80	1.53	20.9	<0.2	<10	360	0.60	0.21	0.87	0.99	34.4	12.8	44
ZZ85707		0.32	0.006	0.34	2.07	14.7	<0.2	<10	250	0.67	0.25	0.55	0.41	32.2	23.6	65
ZZ85708		0.18	0.005	0.29	1.33	7.2	<0.2	<10	270	0.48	0.14	2.48	0.45	16.70	12.3	40
ZZ85709		0.37	0.005	0.26	1.56	12.5	<0.2	<10	210	0.52	0.23	0.44	0.60	24.7	17.3	41
ZZ85710		0.39	0.004	0.17	1.74	13.8	<0.2	<10	210	0.48	0.23	0.44	0.20	24.1	16.6	37
ZZ86723		0.30	0.007	0.32	1.44	20.8	<0.2	<10	200	0.42	0.26	0.21	0.54	26.3	12.0	29
ZZ86724		0.44	0.008	0.28	1.41	20.2	<0.2	<10	240	0.36	0.25	0.21	1.11	30.4	17.4	30
ZZ86725		0.33	0.047	0.16	1.43	21.6	<0.2	<10	190	0.39	0.27	0.13	0.42	27.1	15.5	29
ZZ86726		0.35	0.007	0.21	1.36	21.7	<0.2	<10	250	0.38	0.30	0.13	0.49	27.4	15.8	27
ZZ86727		0.33	0.005	0.48	1.57	28.0	<0.2	<10	190	0.42	0.27	0.13	0.42	26.9	12.8	27
ZZ86728		0.39	0.002	0.16	1.29	16.1	<0.2	<10	100	0.30	0.24	0.05	0.29	19.85	7.3	22
ZZ86729		0.32	0.002	0.09	1.69	16.5	<0.2	<10	140	0.35	0.24	0.06	0.47	23.7	11.1	30
ZZ86730		0.36	0.002	0.36	0.97	11.5	<0.2	<10	70	0.15	0.29	0.04	0.19	19.60	3.5	16
ZZ86731		0.31	0.002	0.22	1.69	14.4	<0.2	<10	170	0.46	0.26	0.08	0.26	23.5	10.2	27

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ85680		0.44	52.5	2.27	2.79	<0.05	0.04	0.04	0.032	0.05	11.1	11.1	0.52	1280	1.56	<0.01
ZZ85681		0.79	45.3	3.02	4.86	<0.05	0.02	0.02	0.033	0.06	13.9	18.8	0.60	544	1.91	<0.01
ZZ85682		1.10	76.2	3.63	6.45	0.05	0.02	0.08	0.048	0.07	16.1	18.8	0.61	1010	2.33	<0.01
ZZ85683		0.66	38.1	3.14	4.07	0.05	0.04	0.07	0.048	0.06	16.3	15.2	1.58	718	1.41	<0.01
ZZ85684		0.60	40.6	2.85	3.40	<0.05	0.05	0.08	0.045	0.07	13.8	13.6	1.66	847	1.37	<0.01
ZZ85685		0.90	83.4	3.15	4.34	0.05	<0.02	0.07	0.039	0.07	13.6	14.0	0.43	1010	2.51	<0.01
ZZ85686		0.70	47.4	2.60	3.04	<0.05	0.06	0.07	0.035	0.09	12.6	12.8	2.14	734	1.60	0.01
ZZ85687		0.86	39.2	2.86	3.89	0.09	0.09	0.07	0.043	0.09	15.2	14.9	2.53	709	1.46	0.01
ZZ85688		0.71	46.7	2.81	3.44	<0.05	0.06	0.07	0.040	0.08	14.3	13.9	1.98	774	1.33	0.01
ZZ85689		0.33	61.1	2.51	2.04	<0.05	0.05	0.04	0.022	0.05	8.1	8.4	0.45	1320	1.58	<0.01
ZZ85690		0.48	47.6	2.04	1.79	<0.05	0.06	0.03	0.016	0.07	8.7	8.5	0.29	2340	1.78	<0.01
ZZ85691		2.65	94.4	3.27	4.19	0.05	<0.02	0.04	0.021	0.11	14.9	14.4	0.47	478	4.45	<0.01
ZZ85692		0.82	40.6	3.22	4.09	0.05	0.04	0.07	0.050	0.07	18.6	15.2	0.93	695	1.84	<0.01
ZZ85693		0.62	49.1	3.05	3.74	0.05	0.06	0.07	0.044	0.06	14.5	15.6	0.60	941	2.05	<0.01
ZZ85694		0.56	45.9	2.77	3.68	0.05	0.05	0.09	0.047	0.06	13.0	13.8	0.75	550	1.47	<0.01
ZZ85695		0.53	80.6	3.16	2.60	<0.05	0.10	0.10	0.041	0.06	11.5	9.7	0.43	412	3.30	0.01
ZZ85696		0.65	46.0	2.67	3.00	0.05	0.07	0.06	0.038	0.09	13.4	12.1	2.56	819	1.56	0.01
ZZ85697		0.61	39.2	2.61	3.13	0.07	0.07	0.07	0.043	0.08	12.1	12.8	2.70	654	1.49	0.01
ZZ85698		0.84	53.6	3.78	3.56	0.07	0.09	0.09	0.041	0.08	13.2	14.9	2.02	877	2.33	0.01
ZZ85699		0.89	76.9	4.22	4.43	0.07	0.05	0.04	0.033	0.08	18.0	15.4	0.52	411	4.20	0.01
ZZ85700		0.90	60.7	3.52	4.63	<0.05	0.05	0.05	0.031	0.07	16.4	15.3	0.40	430	3.98	<0.01
ZZ85701		0.53	81.4	3.73	3.51	0.05	0.05	0.04	0.029	0.06	16.0	13.2	0.46	505	4.82	0.01
ZZ85702		0.43	18.3	2.27	5.47	<0.05	<0.02	0.02	0.019	0.04	11.9	9.0	0.24	276	2.19	<0.01
ZZ85703		0.67	13.0	2.05	4.44	<0.05	<0.02	0.01	0.019	0.03	10.5	7.0	0.18	265	1.90	<0.01
ZZ85704		0.63	43.9	3.23	4.22	<0.05	<0.02	0.02	0.026	0.05	15.0	10.3	0.25	600	3.30	<0.01
ZZ85705		0.61	99.9	3.54	3.12	0.05	<0.02	0.05	0.032	0.04	12.9	8.6	0.23	401	5.55	<0.01
ZZ85706		0.85	67.5	3.76	4.97	0.06	0.02	0.15	0.030	0.06	18.9	20.5	0.90	598	3.12	0.01
ZZ85707		1.54	77.4	4.85	7.09	0.07	0.03	0.04	0.028	0.10	17.3	23.7	1.32	1350	2.92	0.01
ZZ85708		1.37	61.1	2.80	4.28	0.06	0.04	0.05	0.016	0.10	10.5	15.3	0.93	534	1.12	0.01
ZZ85709		1.71	83.1	3.67	4.85	0.05	0.02	0.03	0.023	0.16	13.8	19.6	0.83	1240	2.55	<0.01
ZZ85710		4.72	67.6	3.64	5.13	0.07	0.03	0.04	0.024	0.38	13.7	25.2	1.10	1160	1.16	<0.01
ZZ86723		1.56	89.5	3.14	4.49	0.06	<0.02	0.11	0.027	0.08	13.8	16.2	0.56	673	3.93	<0.01
ZZ86724		2.01	335	3.29	4.16	0.07	<0.02	0.05	0.023	0.10	16.0	14.8	0.59	1040	5.20	<0.01
ZZ86725		1.14	92.1	3.17	4.56	<0.05	<0.02	0.03	0.025	0.07	13.7	16.0	0.54	1070	3.33	<0.01
ZZ86726		1.03	84.9	3.09	4.12	0.05	<0.02	0.04	0.024	0.06	14.5	13.1	0.48	1220	2.56	<0.01
ZZ86727		1.32	62.0	3.18	4.61	0.05	0.02	0.04	0.026	0.07	13.7	17.5	0.49	780	2.60	<0.01
ZZ86728		0.71	26.3	2.71	5.11	<0.05	<0.02	0.02	0.021	0.03	10.1	12.8	0.27	450	1.79	<0.01
ZZ86729		1.09	28.2	3.11	5.20	<0.05	<0.02	0.02	0.033	0.05	11.1	16.9	0.42	621	1.80	<0.01
ZZ86730		0.69	12.9	2.41	5.82	<0.05	<0.02	0.02	0.017	0.03	9.8	4.8	0.15	364	1.91	<0.01
ZZ86731		1.06	37.1	2.90	5.90	<0.05	<0.02	0.04	0.027	0.04	12.3	14.3	0.37	750	2.52	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ85680		0.73	36.6	790	17.9	4.6	<0.001	0.02	0.86	3.1	0.7	0.3	23.2	<0.01	0.05	2.3
ZZ85681		0.95	34.7	540	17.2	7.4	<0.001	0.02	0.76	3.6	0.6	0.5	18.9	<0.01	0.05	2.0
ZZ85682		0.95	44.6	950	23.8	9.7	<0.001	0.04	0.95	4.9	1.3	0.7	32.9	<0.01	0.07	1.4
ZZ85683		1.15	32.8	830	39.2	8.3	<0.001	0.02	1.02	4.4	0.9	0.4	29.9	<0.01	0.05	2.3
ZZ85684		0.79	32.8	910	38.2	8.1	0.001	0.02	1.21	4.1	0.7	0.4	30.9	<0.01	0.03	2.4
ZZ85685		0.49	45.3	1350	18.4	11.5	<0.001	0.04	0.81	2.2	1.1	0.4	28.5	<0.01	0.09	0.5
ZZ85686		0.68	31.7	890	31.6	7.9	<0.001	0.02	1.29	3.6	0.6	0.3	41.9	<0.01	0.05	3.0
ZZ85687		1.16	33.1	870	36.1	9.7	<0.001	0.01	1.31	4.8	0.6	0.4	58.3	0.02	0.05	4.9
ZZ85688		0.99	33.7	870	33.0	7.2	<0.001	0.02	1.06	4.2	0.8	0.4	49.7	<0.01	0.04	3.4
ZZ85689		0.32	27.6	720	19.1	6.2	0.004	0.06	0.68	1.8	2.1	<0.2	61.7	<0.01	0.08	1.2
ZZ85690		0.19	26.4	460	20.1	8.4	0.002	0.04	0.38	1.7	1.2	<0.2	59.1	<0.01	0.09	2.2
ZZ85691		0.72	32.7	580	17.6	22.7	<0.001	0.07	1.09	1.6	2.4	0.2	33.3	<0.01	0.15	1.0
ZZ85692		0.76	38.2	650	41.4	9.5	<0.001	0.01	1.06	4.9	1.0	0.4	20.7	<0.01	0.06	3.8
ZZ85693		0.75	35.4	670	29.3	8.7	<0.001	0.03	1.07	4.0	1.0	0.4	23.4	<0.01	0.05	2.1
ZZ85694		0.72	27.6	750	33.0	8.4	<0.001	0.05	1.19	2.9	1.2	0.4	29.6	<0.01	0.04	1.0
ZZ85695		0.53	36.1	1030	24.3	6.7	<0.001	0.08	1.92	2.5	3.6	0.3	44.5	<0.01	0.14	1.3
ZZ85696		0.91	33.4	850	32.6	7.2	<0.001	0.01	1.23	3.6	0.7	0.3	60.9	<0.01	0.04	3.4
ZZ85697		0.85	29.6	870	37.6	7.2	<0.001	0.02	1.47	3.3	0.6	0.4	58.3	<0.01	0.02	2.4
ZZ85698		0.78	37.3	1010	31.3	7.9	<0.001	0.03	1.43	3.9	1.4	0.3	40.5	<0.01	0.07	3.1
ZZ85699		1.11	42.2	600	26.3	9.4	<0.001	0.05	1.24	3.3	1.7	0.4	28.9	<0.01	0.12	3.4
ZZ85700		1.40	32.7	710	20.3	10.9	<0.001	0.03	1.00	2.8	1.4	0.4	24.6	<0.01	0.09	3.4
ZZ85701		0.95	42.6	730	22.1	5.7	<0.001	0.06	1.32	2.6	2.2	0.3	30.7	<0.01	0.11	3.2
ZZ85702		1.22	14.6	790	15.4	6.1	<0.001	0.01	0.60	1.7	0.9	0.6	10.3	<0.01	0.05	1.8
ZZ85703		1.26	12.3	500	15.6	7.5	<0.001	0.01	0.53	1.6	0.3	0.5	9.2	<0.01	0.04	1.7
ZZ85704		1.88	30.0	590	19.0	6.9	<0.001	0.02	0.74	1.6	0.8	0.4	12.7	<0.01	0.05	2.1
ZZ85705		0.50	45.4	990	19.0	6.1	<0.001	0.05	0.80	0.8	3.1	0.3	31.5	<0.01	0.08	0.3
ZZ85706		1.84	49.3	1750	18.7	10.2	0.002	0.08	1.29	2.4	3.1	0.3	112.5	<0.01	0.05	0.9
ZZ85707		3.08	52.8	1830	16.8	15.9	<0.001	0.05	0.82	3.9	1.3	0.3	71.4	<0.01	0.14	1.8
ZZ85708		2.08	37.6	1470	9.6	15.5	<0.001	0.10	0.77	2.1	0.9	0.2	119.5	0.01	0.05	0.7
ZZ85709		2.09	46.7	1420	14.1	17.4	<0.001	0.05	0.99	2.6	1.2	0.2	60.0	<0.01	0.10	1.1
ZZ85710		3.78	37.1	1400	15.9	41.0	<0.001	0.03	0.58	3.4	0.8	0.3	56.7	<0.01	0.14	2.4
ZZ86723		0.84	35.2	1430	15.5	13.6	<0.001	0.04	0.98	1.6	1.3	0.3	34.3	<0.01	0.09	0.5
ZZ86724		1.31	68.9	1280	15.2	19.7	0.001	0.05	1.08	2.0	1.5	0.3	39.3	<0.01	0.14	0.9
ZZ86725		1.34	37.0	1020	15.7	12.6	<0.001	0.03	0.94	2.2	1.2	0.4	25.2	<0.01	0.09	1.3
ZZ86726		1.08	35.8	840	16.5	11.9	<0.001	0.03	0.79	2.4	0.9	0.3	22.6	<0.01	0.07	1.0
ZZ86727		1.38	31.0	1070	14.7	17.6	<0.001	0.02	0.70	2.7	1.3	0.4	26.6	<0.01	0.09	2.9
ZZ86728		1.25	18.0	580	12.4	10.2	<0.001	0.02	0.60	1.9	0.4	0.5	7.0	<0.01	0.04	1.6
ZZ86729		1.40	24.3	450	16.9	12.2	<0.001	0.02	0.77	2.4	0.6	0.5	8.6	<0.01	0.05	2.2
ZZ86730		0.92	10.2	800	14.9	6.9	<0.001	0.02	0.56	1.0	0.2	0.6	6.8	<0.01	0.04	0.3
ZZ86731		0.81	17.9	900	16.1	11.1	<0.001	0.02	0.54	1.9	0.6	0.6	15.7	<0.01	0.05	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ85680		0.031	0.05	0.76	32	0.17	7.13	96	1.5
ZZ85681		0.028	0.10	0.63	52	0.19	5.54	110	0.5
ZZ85682		0.021	0.13	1.34	67	0.23	13.10	139	0.7
ZZ85683		0.037	0.10	0.75	51	0.23	12.50	152	1.3
ZZ85684		0.031	0.09	0.67	42	0.19	10.80	137	1.8
ZZ85685		0.016	0.09	2.12	44	0.18	9.26	134	<0.5
ZZ85686		0.030	0.10	0.85	36	0.18	9.33	137	2.3
ZZ85687		0.047	0.14	0.69	44	0.27	9.92	146	3.6
ZZ85688		0.041	0.11	0.63	42	0.20	9.69	146	2.5
ZZ85689		0.008	0.06	1.43	18	0.07	5.04	80	1.8
ZZ85690		0.005	0.06	1.52	9	<0.05	3.91	50	1.7
ZZ85691		0.053	0.23	1.62	50	0.08	3.56	121	0.8
ZZ85692		0.026	0.14	0.93	47	0.30	11.90	140	1.5
ZZ85693		0.023	0.11	1.32	42	0.21	10.55	153	2.2
ZZ85694		0.019	0.10	1.35	41	0.20	10.75	123	1.5
ZZ85695		0.016	0.08	2.27	31	0.14	8.39	133	3.8
ZZ85696		0.041	0.11	0.71	38	0.19	8.75	144	3.2
ZZ85697		0.034	0.10	0.74	37	0.22	9.70	131	2.3
ZZ85698		0.035	0.10	0.87	42	0.24	9.81	161	3.4
ZZ85699		0.033	0.11	1.23	48	0.17	7.22	141	2.3
ZZ85700		0.034	0.10	1.07	47	0.20	4.88	111	2.5
ZZ85701		0.038	0.08	1.46	40	0.15	4.61	137	2.5
ZZ85702		0.036	0.08	0.45	51	0.24	1.93	83	<0.5
ZZ85703		0.033	0.10	0.31	50	0.23	1.83	67	<0.5
ZZ85704		0.044	0.08	1.01	44	0.23	2.73	133	0.6
ZZ85705		0.012	0.06	2.75	30	0.13	2.93	167	<0.5
ZZ85706		0.063	0.08	1.68	55	0.15	9.66	187	0.7
ZZ85707		0.116	0.08	1.46	75	0.23	9.35	121	1.1
ZZ85708		0.065	0.08	1.38	49	0.11	8.89	81	1.7
ZZ85709		0.074	0.09	1.48	50	0.14	9.52	104	0.8
ZZ85710		0.128	0.20	1.23	56	0.09	9.38	82	1.5
ZZ86723		0.044	0.12	3.46	50	0.23	8.66	118	<0.5
ZZ86724		0.069	0.15	3.20	48	0.14	11.85	204	<0.5
ZZ86725		0.053	0.11	2.16	49	0.17	6.85	122	<0.5
ZZ86726		0.049	0.10	2.06	42	0.18	7.44	107	<0.5
ZZ86727		0.046	0.11	1.75	43	0.19	5.86	101	0.9
ZZ86728		0.032	0.09	0.55	52	0.26	2.37	78	<0.5
ZZ86729		0.043	0.13	0.55	54	0.27	2.51	129	<0.5
ZZ86730		0.036	0.09	0.34	64	0.23	1.51	58	<0.5
ZZ86731		0.030	0.12	1.94	55	0.25	6.20	77	<0.5

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ86732		0.48	0.002	0.18	1.15	9.0	<0.2	<10	120	0.24	0.28	0.10	0.35	24.4	3.5	18
ZZ86733		0.26	0.002	0.11	0.72	9.8	<0.2	<10	60	0.11	0.28	0.01	0.08	20.3	3.6	6
ZZ86734		0.33	0.003	0.06	0.92	23.4	<0.2	<10	110	0.30	0.36	0.04	0.16	19.25	20.6	12
ZZ86735		0.30	0.003	0.17	1.13	22.4	<0.2	<10	140	0.33	0.31	0.04	0.15	21.7	12.3	18
ZZ86736		0.23	0.060	0.32	0.90	27.1	<0.2	<10	120	0.22	0.31	0.03	0.19	22.2	13.3	12
ZZ86737		0.31	0.003	0.29	1.11	19.9	<0.2	<10	220	0.32	0.32	0.11	0.23	19.10	14.0	16
ZZ86738		0.33	0.012	1.03	1.37	14.6	<0.2	<10	250	0.28	0.25	0.03	0.24	23.9	14.4	27
ZZ86739		0.22	0.019	1.89	1.33	44.6	<0.2	<10	230	0.25	0.29	0.03	0.35	22.2	11.5	30
ZZ86740		0.27	0.017	1.10	1.72	26.1	<0.2	<10	380	0.25	0.30	0.03	0.47	22.8	14.0	31
ZZ86741		0.30	0.016	1.22	0.82	25.6	<0.2	<10	220	0.16	0.31	0.04	0.23	30.0	3.7	24
ZZ86742		0.45	0.027	2.36	1.29	35.4	<0.2	<10	240	0.35	0.41	0.04	0.91	33.5	11.5	23
ZZ86743		0.24	0.010	1.28	1.06	34.2	<0.2	<10	310	0.32	0.32	0.17	1.07	32.0	10.3	25
ZZ86744		0.48	0.021	2.12	1.06	30.1	<0.2	<10	280	0.36	0.38	0.04	0.55	34.4	7.8	22
ZZ86745		0.23	0.008	5.06	1.01	14.5	<0.2	<10	330	0.45	0.30	0.06	1.84	28.5	6.0	13
ZZ86746		0.33	0.017	2.74	1.03	21.7	<0.2	<10	190	0.32	0.32	0.04	0.53	33.4	7.1	17
ZZ86747		0.30	0.032	1.75	1.49	33.8	<0.2	<10	180	0.45	0.31	0.07	0.35	32.8	13.3	28
ZZ86748		0.29	0.035	1.78	1.51	20.7	<0.2	<10	250	0.42	0.41	0.15	0.64	28.3	11.3	35
ZZ86749		0.29	0.011	1.52	1.73	18.8	<0.2	<10	210	0.49	0.32	0.06	0.53	32.9	8.9	30
ZZ86750		0.31	0.023	4.60	1.59	25.6	<0.2	<10	190	0.41	0.35	0.08	0.65	28.8	9.3	34
ZZ86751		0.38	0.003	1.02	1.51	16.7	<0.2	<10	240	0.42	0.29	0.07	0.80	27.4	8.6	25
ZZ86752		0.26	0.004	0.97	1.81	15.0	<0.2	<10	200	0.52	0.26	0.08	0.64	25.9	9.5	30
ZZ86753		0.27	0.009	1.19	0.77	14.3	<0.2	<10	140	0.21	0.27	0.06	0.27	26.7	2.9	13
ZZ86859		0.22	0.002	1.45	1.46	17.7	<0.2	<10	160	0.40	0.29	0.11	0.59	26.6	12.0	27
ZZ86860		0.21	0.002	0.52	1.37	13.8	<0.2	<10	170	0.30	0.26	0.09	0.47	21.9	8.8	24
ZZ86861		0.30	0.008	0.40	1.66	79.8	<0.2	<10	130	0.47	0.36	0.05	0.69	41.0	22.5	28
ZZ86862		0.32	0.070	1.48	0.40	33.3	<0.2	<10	210	0.17	0.30	0.27	0.96	34.3	5.8	8
ZZ86863		0.25	0.006	0.72	1.68	10.3	<0.2	<10	230	0.46	0.30	0.19	0.50	31.3	12.3	47
ZZ86864		0.34	0.004	0.22	2.30	11.5	<0.2	<10	170	0.82	0.17	0.37	0.13	35.9	18.8	77
ZZ86865		0.36	0.003	0.07	2.78	10.3	<0.2	<10	250	1.25	0.11	0.71	0.12	53.5	25.9	109
ZZ86866		0.32	0.001	0.03	2.19	8.8	<0.2	<10	250	0.82	0.14	0.64	0.09	37.3	19.0	70
ZZ86867		0.46	0.003	0.04	2.62	10.4	<0.2	<10	360	1.32	0.15	0.61	0.10	49.3	23.6	87
ZZ86868		0.36	0.003	0.11	3.06	10.2	<0.2	<10	510	1.48	0.10	1.04	0.15	41.2	30.0	129
ZZ86869		0.36	0.002	0.21	2.70	11.8	<0.2	<10	520	1.33	0.12	3.16	0.29	37.5	30.3	98
ZZ86870		0.28	0.002	0.23	2.57	7.3	<0.2	<10	410	0.96	0.10	1.61	0.45	38.9	25.5	110
ZZ86871		0.12	0.005	0.43	2.30	6.6	<0.2	<10	570	0.63	0.08	1.87	0.73	30.3	22.9	81
ZZ86872		0.19	<0.001	0.08	2.76	5.5	<0.2	<10	550	1.47	0.05	2.10	0.13	29.6	29.8	137
ZZ86873		0.32	0.001	0.07	3.13	4.7	<0.2	<10	910	1.75	0.08	1.72	0.12	29.0	34.6	178
ZZ86874		0.29	0.001	0.07	2.99	3.1	<0.2	<10	1040	2.20	0.06	2.32	0.18	29.5	36.5	137
ZZ86875		0.37	0.001	0.06	3.32	4.6	<0.2	<10	680	1.94	0.06	1.57	0.05	31.8	34.2	155
ZZ86876		0.53	0.003	0.20	3.98	20.1	<0.2	<10	310	1.38	0.06	0.82	0.27	35.6	44.1	139

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86732		0.88	16.4	2.36	5.79	<0.05	<0.02	0.02	0.018	0.03	12.9	8.2	0.19	168	1.72	<0.01
ZZ86733		0.78	22.1	1.28	3.54	<0.05	<0.02	0.01	0.010	0.03	10.6	2.1	0.04	156	3.39	<0.01
ZZ86734		0.58	48.6	3.29	2.21	<0.05	0.02	0.03	0.020	0.06	9.4	9.4	0.25	2380	2.23	<0.01
ZZ86735		0.69	42.5	2.77	3.31	<0.05	<0.02	0.03	0.020	0.04	10.3	10.5	0.27	1310	2.07	<0.01
ZZ86736		0.67	72.2	3.02	2.57	<0.05	0.02	0.02	0.016	0.06	10.9	7.6	0.25	1280	3.77	<0.01
ZZ86737		0.78	48.2	2.84	3.24	<0.05	<0.02	0.03	0.017	0.07	9.3	10.4	0.28	1780	2.71	<0.01
ZZ86738		2.56	84.4	3.76	4.36	0.05	0.03	0.02	0.019	0.16	11.9	17.6	0.49	567	1.57	<0.01
ZZ86739		3.37	111.0	3.83	3.94	0.05	0.03	0.04	0.019	0.20	10.9	14.4	0.49	429	2.51	<0.01
ZZ86740		5.83	158.0	4.20	4.95	0.08	0.07	0.02	0.020	0.36	11.4	20.6	0.88	366	3.84	<0.01
ZZ86741		1.93	69.0	3.35	4.35	0.05	<0.02	0.03	0.015	0.09	16.0	4.2	0.18	118	4.26	<0.01
ZZ86742		1.11	152.5	4.08	3.25	0.06	0.03	0.08	0.050	0.08	17.2	10.4	0.29	286	12.75	0.02
ZZ86743		1.13	116.0	3.82	3.21	0.06	0.03	0.03	0.034	0.08	16.8	10.3	0.46	479	9.14	0.01
ZZ86744		0.71	104.5	4.19	2.98	0.07	0.02	0.07	0.041	0.07	18.9	8.1	0.25	363	10.95	0.02
ZZ86745		0.91	108.5	2.77	3.13	0.05	<0.02	0.07	0.021	0.06	15.7	3.4	0.09	692	3.70	0.01
ZZ86746		0.71	54.4	3.27	3.60	0.05	<0.02	0.06	0.027	0.06	17.7	7.9	0.17	527	4.32	0.01
ZZ86747		0.79	93.5	4.29	3.53	0.05	0.02	0.08	0.044	0.06	16.4	15.1	0.43	1030	4.55	0.02
ZZ86748		1.18	84.0	4.93	3.75	0.05	0.08	0.04	0.048	0.09	14.2	15.0	0.39	687	6.99	0.03
ZZ86749		1.15	81.6	3.50	4.37	0.05	0.05	0.06	0.033	0.06	16.9	16.7	0.41	269	3.65	0.01
ZZ86750		1.06	73.2	4.32	4.43	0.05	0.02	0.05	0.033	0.07	14.8	14.4	0.35	372	4.95	0.01
ZZ86751		0.93	25.6	3.02	5.55	<0.05	<0.02	0.03	0.028	0.06	13.9	18.3	0.34	472	2.09	<0.01
ZZ86752		1.02	45.1	3.41	5.39	<0.05	<0.02	0.05	0.028	0.06	13.2	18.3	0.44	522	2.39	<0.01
ZZ86753		0.66	19.2	2.01	3.95	<0.05	<0.02	0.03	0.017	0.05	14.5	3.7	0.10	246	2.52	0.01
ZZ86859		0.75	35.4	3.06	4.57	<0.05	<0.02	0.05	0.028	0.06	12.9	13.0	0.39	1060	2.23	<0.01
ZZ86860		0.79	17.1	2.98	5.44	<0.05	<0.02	0.04	0.025	0.04	11.1	14.7	0.32	798	1.72	<0.01
ZZ86861		0.82	80.7	3.70	4.29	0.05	<0.02	0.10	0.037	0.05	16.7	20.9	0.37	3840	6.08	<0.01
ZZ86862		0.54	60.1	4.16	1.73	0.05	<0.02	0.24	0.042	0.06	18.4	6.5	0.09	226	10.45	0.07
ZZ86863		0.95	64.3	3.85	6.63	0.05	0.02	0.04	0.022	0.10	16.0	13.1	0.82	487	2.03	0.01
ZZ86864		1.76	43.9	4.55	7.63	0.06	0.05	0.03	0.031	0.10	17.8	25.6	1.53	674	1.42	<0.01
ZZ86865		1.33	46.2	5.31	10.20	0.10	0.06	0.01	0.036	0.11	28.0	29.0	2.22	739	1.27	<0.01
ZZ86866		2.39	33.4	4.22	7.67	0.07	0.04	0.02	0.026	0.09	21.1	27.0	1.61	680	0.90	<0.01
ZZ86867		1.91	35.0	4.95	9.08	0.09	0.05	0.03	0.039	0.13	23.4	28.6	1.85	833	1.41	<0.01
ZZ86868		3.20	50.2	6.02	11.50	0.11	0.03	0.03	0.041	0.18	22.5	29.3	2.56	978	0.90	<0.01
ZZ86869		2.09	64.4	5.40	10.35	0.10	0.04	0.03	0.034	0.37	19.7	26.8	2.81	994	1.29	0.01
ZZ86870		1.26	62.1	4.91	9.84	0.10	0.04	0.06	0.033	0.08	20.4	23.5	2.20	669	2.82	<0.01
ZZ86871		1.26	88.6	4.17	7.42	0.10	0.05	0.10	0.030	0.10	15.2	22.4	1.95	957	3.10	0.01
ZZ86872		1.45	59.0	5.13	10.70	0.10	0.05	0.03	0.024	0.44	15.5	26.3	2.56	924	1.40	<0.01
ZZ86873		1.79	64.5	6.17	12.85	0.10	0.05	0.03	0.028	0.47	15.3	31.4	2.86	1010	0.40	<0.01
ZZ86874		2.07	65.5	5.92	12.85	0.11	0.04	0.03	0.018	0.67	15.5	33.0	2.81	1490	0.46	0.01
ZZ86875		2.26	64.2	6.15	13.05	0.11	0.06	0.02	0.020	0.58	17.0	34.6	3.11	986	0.50	<0.01
ZZ86876		5.06	194.5	6.66	13.65	0.15	0.03	0.01	0.082	0.77	19.3	29.2	3.68	1450	0.95	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86732		1.18	9.7	1020	13.9	8.7	<0.001	0.01	0.48	1.8	0.4	0.6	14.7	<0.01	0.03	2.1
ZZ86733		0.54	12.5	340	9.7	6.7	<0.001	0.01	0.46	0.8	0.4	0.4	6.6	<0.01	0.07	1.4
ZZ86734		0.67	28.3	540	20.6	7.0	<0.001	0.02	0.56	1.3	0.6	0.2	9.1	<0.01	0.09	1.6
ZZ86735		1.04	20.6	490	14.1	9.6	<0.001	0.02	0.54	1.4	0.6	0.3	6.9	<0.01	0.08	1.5
ZZ86736		0.25	28.3	900	16.2	8.6	<0.001	0.04	0.76	0.7	0.8	0.2	19.8	<0.01	0.17	0.6
ZZ86737		0.38	24.1	950	16.3	13.3	0.001	0.04	0.61	0.9	0.8	0.3	24.6	<0.01	0.11	0.4
ZZ86738		1.39	46.7	330	15.4	27.2	<0.001	0.04	0.73	1.7	1.1	0.3	14.1	<0.01	0.13	2.8
ZZ86739		1.12	43.7	480	17.5	32.7	<0.001	0.08	0.98	1.6	1.9	0.2	16.7	<0.01	0.14	2.0
ZZ86740		0.77	55.2	380	17.5	53.8	<0.001	0.13	1.08	2.3	2.1	0.2	33.4	<0.01	0.17	2.9
ZZ86741		0.87	23.5	450	19.2	18.5	<0.001	0.08	1.08	1.0	1.3	0.3	32.8	<0.01	0.17	1.3
ZZ86742		0.57	57.0	810	30.8	10.5	<0.001	0.14	2.23	1.7	4.5	0.2	52.1	<0.01	0.21	2.2
ZZ86743		0.98	42.1	940	24.9	8.7	<0.001	0.09	1.84	2.4	3.1	0.2	53.5	<0.01	0.15	2.7
ZZ86744		0.47	41.5	930	29.0	8.8	0.001	0.13	2.21	1.8	5.7	0.3	43.0	<0.01	0.20	1.9
ZZ86745		0.31	34.2	1160	18.2	10.2	<0.001	0.09	0.85	0.4	2.1	0.3	27.0	<0.01	0.10	<0.2
ZZ86746		0.64	26.8	760	19.7	7.0	<0.001	0.08	1.10	1.3	1.9	0.4	29.3	<0.01	0.10	1.5
ZZ86747		1.27	47.8	1010	21.4	7.0	<0.001	0.10	1.76	2.2	2.9	0.3	54.8	<0.01	0.12	1.9
ZZ86748		1.04	51.7	1280	24.7	8.4	<0.001	0.17	1.71	2.0	4.1	0.3	60.8	<0.01	0.25	2.6
ZZ86749		1.44	38.1	710	19.3	10.7	<0.001	0.04	0.98	2.6	1.9	0.4	34.3	0.01	0.10	4.1
ZZ86750		1.20	39.5	1170	20.6	9.4	<0.001	0.09	1.16	1.9	2.7	0.4	34.3	<0.01	0.13	2.4
ZZ86751		1.32	20.4	710	14.5	14.0	<0.001	0.02	0.64	2.2	0.4	0.6	12.1	<0.01	0.02	2.4
ZZ86752		1.30	26.1	690	14.0	11.9	<0.001	0.02	0.63	2.4	0.5	0.5	12.7	<0.01	0.02	1.8
ZZ86753		0.46	11.6	750	16.1	8.3	<0.001	0.07	0.68	0.5	1.1	0.5	17.1	<0.01	0.07	0.2
ZZ86859		1.45	29.6	1160	16.5	8.7	<0.001	0.03	0.72	1.8	0.5	0.4	16.1	<0.01	0.06	0.9
ZZ86860		1.29	19.3	750	14.9	7.9	<0.001	0.02	0.51	1.6	0.2	0.6	12.8	<0.01	0.02	0.8
ZZ86861		1.94	59.1	670	19.1	10.3	<0.001	0.02	0.78	2.4	0.8	0.5	16.7	0.01	0.11	2.6
ZZ86862		0.24	34.2	1050	23.3	5.5	<0.001	0.33	2.35	0.5	3.0	0.2	132.0	<0.01	0.10	0.7
ZZ86863		4.00	30.5	1010	15.4	11.7	<0.001	0.06	0.67	2.0	0.5	0.5	36.3	0.01	0.04	0.5
ZZ86864		5.95	46.1	1190	13.0	14.4	<0.001	0.02	0.56	4.8	0.6	0.5	36.7	0.01	0.02	3.8
ZZ86865		6.76	59.6	2060	13.9	10.7	<0.001	0.03	0.49	7.1	0.8	0.5	68.7	0.01	0.01	4.6
ZZ86866		3.93	42.0	1400	11.7	15.9	<0.001	0.02	0.47	5.2	0.4	0.4	55.6	<0.01	0.02	3.7
ZZ86867		3.45	48.6	1670	14.1	13.8	<0.001	0.02	0.58	8.0	0.8	0.5	56.0	0.01	0.01	4.5
ZZ86868		3.65	62.2	2470	11.8	19.9	<0.001	0.02	0.41	9.1	0.3	0.4	81.9	0.01	<0.01	3.0
ZZ86869		3.06	59.3	2400	17.2	30.0	<0.001	0.02	0.51	7.5	0.6	0.4	163.5	<0.01	0.01	3.2
ZZ86870		5.48	61.3	2490	10.5	9.9	0.005	0.06	0.52	6.4	2.2	0.3	135.0	0.01	<0.01	2.4
ZZ86871		2.12	51.9	1980	8.3	9.6	0.002	0.15	0.61	4.6	3.3	0.2	209	0.01	0.01	1.2
ZZ86872		7.35	64.5	2500	6.1	34.6	<0.001	0.06	0.28	4.9	0.4	0.3	165.5	0.01	<0.01	1.6
ZZ86873		7.62	80.5	2420	6.8	32.5	<0.001	0.03	0.22	5.5	0.3	0.3	101.5	0.01	<0.01	2.0
ZZ86874		7.61	71.4	2470	5.6	45.8	<0.001	0.04	0.17	5.4	0.4	0.3	126.5	0.01	<0.01	2.1
ZZ86875		7.69	74.3	2640	5.3	40.2	<0.001	0.02	0.19	5.3	0.3	0.3	108.5	0.01	<0.01	2.4
ZZ86876		1.44	102.5	1750	9.7	59.0	<0.001	0.01	0.30	43.0	0.6	0.3	57.8	<0.01	<0.01	2.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86732		0.035	0.11	0.74	56	0.22	3.06	78	<0.5
ZZ86733		0.012	0.11	0.61	25	0.13	1.24	40	<0.5
ZZ86734		0.017	0.06	1.07	16	0.10	2.56	76	<0.5
ZZ86735		0.020	0.08	0.93	29	0.15	2.38	65	<0.5
ZZ86736		0.010	0.08	1.76	18	0.07	3.82	74	<0.5
ZZ86737		0.015	0.08	1.34	24	0.13	4.44	78	<0.5
ZZ86738		0.064	0.21	0.73	43	0.09	2.04	137	1.5
ZZ86739		0.075	0.31	1.25	45	0.08	2.25	137	1.6
ZZ86740		0.115	0.56	1.70	50	0.05	3.36	175	4.3
ZZ86741		0.054	0.24	1.00	64	0.08	1.90	106	<0.5
ZZ86742		0.023	0.22	4.35	42	0.15	4.24	219	1.7
ZZ86743		0.048	0.18	3.35	42	0.15	6.65	195	1.8
ZZ86744		0.020	0.14	2.88	43	0.15	5.05	203	0.9
ZZ86745		0.012	0.07	2.33	30	0.12	7.87	88	<0.5
ZZ86746		0.020	0.11	1.41	36	0.14	3.05	126	<0.5
ZZ86747		0.037	0.11	3.38	40	0.16	4.68	157	0.8
ZZ86748		0.038	0.10	2.27	45	0.17	3.53	190	3.6
ZZ86749		0.039	0.13	2.21	46	0.18	4.30	112	3.0
ZZ86750		0.037	0.12	1.71	52	0.16	2.84	150	0.9
ZZ86751		0.032	0.12	0.75	53	0.25	2.74	110	<0.5
ZZ86752		0.042	0.11	0.92	54	0.23	2.72	117	<0.5
ZZ86753		0.024	0.09	0.56	37	0.14	1.64	68	<0.5
ZZ86859		0.048	0.09	0.85	50	0.23	3.00	101	<0.5
ZZ86860		0.040	0.12	0.69	59	0.22	2.07	115	<0.5
ZZ86861		0.041	0.06	2.37	41	0.16	4.19	114	0.5
ZZ86862		0.009	0.11	2.44	19	0.08	3.12	235	0.6
ZZ86863		0.141	0.07	1.28	74	0.17	5.49	86	0.8
ZZ86864		0.278	0.10	0.92	99	0.23	6.16	84	2.1
ZZ86865		0.330	0.08	0.78	126	0.25	11.00	87	2.7
ZZ86866		0.216	0.09	0.54	87	0.20	7.98	76	1.8
ZZ86867		0.252	0.10	1.03	112	0.28	12.30	92	2.4
ZZ86868		0.259	0.10	0.78	158	0.21	9.37	104	1.0
ZZ86869		0.269	0.15	0.69	133	0.21	10.65	109	1.6
ZZ86870		0.209	0.09	1.97	125	0.19	10.70	102	1.9
ZZ86871		0.123	0.15	2.81	89	0.09	15.90	104	2.5
ZZ86872		0.260	0.08	0.67	127	0.22	5.93	78	1.3
ZZ86873		0.314	0.09	0.30	148	0.25	7.56	93	1.5
ZZ86874		0.291	0.11	0.26	160	0.21	6.47	102	1.3
ZZ86875		0.327	0.12	0.38	156	0.29	7.13	92	1.5
ZZ86876		0.265	0.41	0.32	240	0.09	9.87	82	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ86877		0.32	0.003	0.12	4.02	8.7	<0.2	<10	500	1.71	0.06	1.81	0.34	30.9	43.5	256
ZZ86878		0.19	<0.001	0.25	3.01	18.6	<0.2	<10	160	0.59	0.15	1.36	0.29	32.4	36.7	241
ZZ86879		0.19	0.001	0.23	3.10	32.8	<0.2	<10	110	0.51	0.18	1.83	0.21	36.7	54.3	216
ZZ86880		0.28	0.001	0.17	3.32	17.9	<0.2	<10	260	0.84	0.15	1.20	0.24	42.5	41.7	215
ZZ86881		0.10	0.003	0.13	2.61	13.1	<0.2	<10	310	0.77	0.12	1.98	0.29	29.9	35.6	208
ZZ86882		0.31	0.001	0.10	3.11	12.8	<0.2	<10	400	1.07	0.12	1.13	0.15	36.1	37.2	233
ZZ86883		0.13	0.002	0.17	2.67	8.8	<0.2	<10	280	0.63	0.08	1.95	0.49	34.9	30.2	226
ZZ86884		0.45	0.001	0.08	4.11	9.5	<0.2	<10	950	2.59	0.06	2.16	0.16	51.9	39.4	225
ZZ86885		0.22	0.001	0.09	3.87	9.4	<0.2	<10	830	2.06	0.08	1.43	0.18	56.6	34.0	186
ZZ86886		0.24	0.001	0.10	3.68	21.9	<0.2	<10	650	2.26	0.08	1.68	0.49	53.3	39.1	219
ZZ86887		0.18	0.003	0.07	3.12	3.3	<0.2	<10	1050	1.45	0.05	2.20	0.15	29.4	35.1	121
ZZ86888		0.16	0.002	0.07	3.74	7.8	<0.2	<10	930	1.94	0.05	1.96	0.15	33.5	41.8	208
ZZ86889		0.23	0.003	0.07	0.49	46.2	<0.2	<10	100	0.06	0.33	0.03	0.07	34.6	7.7	5
ZZ86890		0.26	0.006	0.44	1.03	20.2	<0.2	<10	160	0.31	0.32	0.17	0.48	19.15	11.8	19
ZZ86891		0.21	0.016	0.76	0.80	37.4	<0.2	<10	130	0.23	0.35	0.30	0.76	23.8	11.6	15
ZZ86892		0.42	0.004	0.28	0.70	20.1	<0.2	<10	130	0.19	0.38	0.06	0.24	23.9	19.7	18
ZZ86893		0.38	0.012	0.36	0.94	11.2	<0.2	<10	130	0.21	0.30	0.13	0.15	24.8	17.0	20
ZZ86894		0.32	0.006	0.45	1.23	17.8	<0.2	<10	210	0.30	0.33	0.35	0.20	19.95	15.8	24
ZZ86895		0.30	0.003	0.26	1.27	14.4	<0.2	<10	300	0.36	0.37	0.30	0.61	25.9	17.6	24
ZZ86896		0.22	0.006	0.26	1.21	14.2	<0.2	<10	200	0.38	0.32	0.27	0.48	25.4	13.2	25
ZZ86897		0.36	0.007	0.22	1.20	13.4	<0.2	<10	200	0.31	0.28	0.24	0.19	22.3	15.1	23
ZZ86898		0.19	0.162	0.29	1.03	10.0	<0.2	<10	230	0.44	0.27	1.54	0.64	19.85	10.4	21
ZZ86899		0.22	0.005	0.31	1.13	10.2	<0.2	<10	230	0.44	0.31	0.95	0.50	23.0	11.8	23
ZZ86900		0.14	0.005	0.26	1.08	8.8	<0.2	<10	240	0.47	0.29	1.29	0.78	19.35	11.5	22
ZZ86901		0.25	0.005	0.29	1.23	11.9	<0.2	<10	340	0.48	0.30	0.70	1.33	24.7	13.3	23
ZZ86902		0.24	0.010	0.28	1.16	10.0	<0.2	<10	250	0.35	0.29	0.89	0.55	20.8	12.1	20
ZZ86903		0.31	0.004	0.36	1.29	12.2	<0.2	<10	220	0.42	0.32	0.97	0.58	21.9	14.3	27
ZZ86904		0.25	0.002	0.21	1.05	11.0	<0.2	<10	280	0.38	0.27	3.31	0.49	22.8	10.7	29
ZZ86905		0.32	0.002	0.27	1.29	15.1	<0.2	<10	630	0.61	0.41	2.77	0.65	25.2	11.1	31
ZZ86906		0.35	0.003	0.38	1.30	12.4	<0.2	<10	260	0.63	0.33	2.80	0.71	25.5	12.3	37
ZZ86907		0.37	0.004	0.25	1.04	12.1	<0.2	<10	280	0.45	0.30	5.27	0.69	24.1	9.9	24
ZZ86908		0.24	0.012	0.15	1.36	16.8	<0.2	<10	200	0.61	0.42	1.88	0.39	27.9	11.6	29
ZZ86909		0.12	0.009	0.19	0.89	7.7	<0.2	<10	220	0.32	0.23	1.99	0.38	13.95	8.6	17
ZZ86910		0.22	0.046	0.42	1.04	17.6	<0.2	<10	380	0.29	0.33	0.63	0.94	19.75	12.3	20
ZZ86911		0.39	0.005	0.25	1.06	12.9	<0.2	<10	200	0.47	0.32	4.93	0.60	24.9	9.0	23
ZZ86912		0.26	0.004	0.29	1.05	13.3	<0.2	<10	140	0.46	0.34	5.28	0.53	22.8	9.5	22
ZZ86913		0.44	0.003	0.30	0.92	13.6	<0.2	<10	260	0.39	0.30	5.21	0.62	19.45	9.8	23
ZZ86914		0.44	0.006	0.47	1.15	14.8	<0.2	<10	260	0.42	0.29	1.66	0.55	27.6	10.7	24
ZZ86915		0.24	0.010	0.78	1.49	25.7	<0.2	<10	290	0.38	0.33	0.12	0.45	30.3	9.2	30
ZZ86916		0.32	0.004	0.31	1.81	10.9	<0.2	<10	460	0.65	0.32	0.33	0.90	33.9	16.1	30

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ86877		4.74	90.9	6.97	13.70	0.19	0.05	0.02	0.070	0.44	16.6	34.8	4.00	1250	0.75	<0.01
ZZ86878		2.10	111.5	5.63	9.06	0.14	0.04	0.04	0.045	0.16	18.7	24.5	2.87	846	1.23	<0.01
ZZ86879		1.36	129.0	5.98	10.50	0.13	0.05	0.04	0.045	0.10	22.3	27.5	2.79	1190	1.53	<0.01
ZZ86880		3.09	96.4	5.86	11.15	0.20	0.04	0.02	0.046	0.22	22.4	26.6	3.36	1190	1.20	<0.01
ZZ86881		1.39	69.3	4.54	8.65	0.10	0.03	0.05	0.043	0.07	15.1	20.4	2.52	1380	1.17	0.01
ZZ86882		2.17	63.8	5.41	10.70	0.12	0.03	0.03	0.047	0.12	19.2	27.8	3.20	1060	1.08	0.01
ZZ86883		1.41	56.8	4.65	9.12	0.16	0.06	0.04	0.039	0.12	18.8	19.5	2.53	619	1.26	0.01
ZZ86884		2.92	57.4	7.35	16.90	0.21	0.06	0.02	0.061	1.08	28.3	39.4	4.08	1030	0.49	<0.01
ZZ86885		2.25	54.2	6.81	15.80	0.24	0.05	0.02	0.062	0.76	31.0	36.5	3.64	1090	0.85	0.01
ZZ86886		2.54	63.1	6.89	14.60	0.22	0.06	0.04	0.070	0.52	28.0	33.6	3.87	845	1.42	0.01
ZZ86887		2.23	47.8	5.98	12.65	0.15	0.05	0.03	0.046	0.61	15.3	33.9	3.22	1230	0.36	0.01
ZZ86888		1.75	68.3	6.77	13.95	0.19	0.03	0.03	0.074	0.71	17.4	32.6	3.75	1200	0.48	0.01
ZZ86889		0.56	37.9	3.84	2.76	<0.05	<0.02	0.01	0.020	0.03	13.5	2.4	0.05	1540	1.75	<0.01
ZZ86890		0.87	108.0	3.47	3.39	<0.05	<0.02	0.04	0.027	0.05	11.0	9.0	0.20	2450	2.80	<0.01
ZZ86891		0.70	112.5	2.63	2.47	<0.05	<0.02	0.06	0.025	0.05	11.7	7.0	0.22	3180	2.57	<0.01
ZZ86892		0.86	37.8	2.86	3.06	<0.05	<0.02	0.04	0.023	0.07	11.4	6.2	0.18	3340	3.18	<0.01
ZZ86893		0.74	44.8	2.55	2.81	<0.05	0.02	0.05	0.026	0.05	12.3	10.0	0.38	1580	2.09	<0.01
ZZ86894		1.26	40.4	2.57	3.74	<0.05	<0.02	0.07	0.028	0.06	9.9	13.6	0.50	2360	1.89	<0.01
ZZ86895		1.01	42.5	2.90	3.77	<0.05	0.04	0.08	0.031	0.06	12.3	14.2	0.50	4320	1.94	<0.01
ZZ86896		0.95	53.0	2.53	3.72	<0.05	0.03	0.07	0.031	0.06	12.9	13.4	0.44	2750	1.89	<0.01
ZZ86897		1.17	46.9	2.46	3.54	<0.05	0.02	0.05	0.026	0.05	10.4	13.3	0.54	2410	1.76	<0.01
ZZ86898		0.57	46.2	2.33	2.91	<0.05	0.05	0.06	0.029	0.06	10.4	11.5	0.70	1280	1.01	0.01
ZZ86899		0.60	47.9	2.52	3.15	<0.05	0.05	0.07	0.031	0.06	11.4	12.6	0.59	1380	1.24	0.01
ZZ86900		0.64	52.4	2.36	2.90	<0.05	0.05	0.07	0.030	0.05	9.9	12.0	0.57	1240	0.88	0.01
ZZ86901		0.86	69.2	2.80	3.31	0.05	0.05	0.06	0.029	0.07	12.9	16.3	0.62	1420	1.61	0.01
ZZ86902		0.76	60.1	2.49	3.06	<0.05	0.05	0.05	0.023	0.06	11.3	13.5	0.58	1290	1.48	0.01
ZZ86903		1.06	70.1	2.99	3.58	0.05	0.05	0.04	0.026	0.06	11.4	15.9	0.81	1120	1.97	0.01
ZZ86904		0.54	26.1	2.55	3.14	0.05	0.04	0.06	0.031	0.07	11.5	12.9	2.09	1000	1.11	0.01
ZZ86905		0.63	46.9	3.08	3.57	<0.05	0.04	0.10	0.045	0.06	13.7	16.2	1.50	573	1.71	0.01
ZZ86906		0.76	39.5	2.93	3.93	0.05	0.04	0.09	0.044	0.06	13.4	15.0	1.66	1140	1.06	0.01
ZZ86907		0.62	32.1	2.72	2.94	0.05	0.05	0.06	0.037	0.08	12.3	12.4	2.95	833	1.54	0.01
ZZ86908		0.48	29.0	3.24	3.72	0.05	0.06	0.06	0.049	0.08	14.2	14.9	1.22	617	1.80	0.01
ZZ86909		0.39	25.2	1.93	2.23	<0.05	0.05	0.06	0.024	0.06	7.1	9.3	0.64	535	0.63	0.01
ZZ86910		0.81	56.5	2.81	2.62	<0.05	0.04	0.04	0.022	0.08	9.9	12.4	0.54	1310	2.00	0.01
ZZ86911		0.64	32.5	2.66	2.99	0.05	0.06	0.07	0.038	0.08	12.7	13.1	2.61	527	1.30	0.01
ZZ86912		0.58	30.4	2.61	2.92	0.05	0.06	0.08	0.059	0.08	11.9	12.7	3.28	585	1.38	0.01
ZZ86913		0.58	30.6	2.58	2.59	0.05	0.05	0.08	0.038	0.07	10.2	10.8	3.26	634	1.48	0.01
ZZ86914		0.56	47.6	3.06	3.27	0.05	0.08	0.06	0.032	0.08	14.4	13.1	1.18	628	2.00	0.01
ZZ86915		0.73	60.7	3.44	4.16	0.05	0.02	0.04	0.035	0.07	15.8	15.3	0.48	521	3.30	0.01
ZZ86916		0.71	56.0	3.36	4.67	0.05	0.05	0.06	0.040	0.09	18.3	19.4	0.52	2210	1.94	0.01

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86877		2.74	119.5	2740	7.8	42.8	<0.001	0.02	0.24	18.8	0.6	0.3	101.5	<0.01	<0.01	2.3
ZZ86878		2.03	137.0	1460	12.9	23.0	<0.001	0.04	0.29	13.3	0.9	0.2	106.5	<0.01	0.04	2.2
ZZ86879		1.71	181.0	1380	15.3	19.1	<0.001	0.07	0.36	11.2	1.6	0.2	136.5	<0.01	0.02	2.2
ZZ86880		2.84	132.5	1780	9.4	34.1	<0.001	0.03	0.29	15.2	0.7	0.3	101.0	<0.01	0.02	3.2
ZZ86881		2.49	125.0	1170	8.8	11.6	<0.001	0.08	0.41	9.0	1.1	0.2	169.0	<0.01	<0.01	1.5
ZZ86882		3.72	115.0	1360	8.1	15.2	<0.001	0.04	0.34	11.0	0.7	0.3	103.0	<0.01	<0.01	2.7
ZZ86883		3.35	106.5	1730	6.8	20.0	<0.001	0.10	0.35	9.3	0.6	0.2	183.5	0.01	<0.01	2.5
ZZ86884		3.93	101.0	3240	7.5	61.0	<0.001	0.02	0.28	11.8	0.5	0.4	195.0	<0.01	0.01	4.2
ZZ86885		6.77	80.0	2360	8.9	52.9	<0.001	0.04	0.31	12.8	0.6	0.4	135.5	0.01	<0.01	4.5
ZZ86886		9.37	94.0	2940	7.9	38.0	0.001	0.05	0.38	18.0	1.2	0.6	140.0	0.01	0.01	3.2
ZZ86887		6.69	53.0	2530	5.0	35.8	<0.001	0.06	0.31	7.2	0.5	0.3	164.0	0.01	0.01	1.5
ZZ86888		6.54	89.8	2170	5.7	42.7	0.001	0.05	0.17	19.5	0.9	0.4	128.0	<0.01	0.01	2.0
ZZ86889		0.40	24.4	650	13.8	3.5	<0.001	0.01	0.38	1.0	0.4	0.5	4.2	<0.01	0.16	0.9
ZZ86890		0.41	37.5	1740	16.3	8.9	<0.001	0.02	0.47	1.4	1.6	0.4	39.6	<0.01	0.18	0.4
ZZ86891		0.28	32.2	1430	18.3	7.0	<0.001	0.04	0.44	1.6	2.8	0.3	47.5	<0.01	0.21	0.5
ZZ86892		0.20	24.9	1030	15.3	10.0	0.001	0.03	0.53	0.5	1.7	0.4	14.7	<0.01	0.10	<0.2
ZZ86893		0.66	29.1	640	17.7	6.3	<0.001	0.02	0.51	2.3	0.8	0.3	14.9	<0.01	0.08	2.0
ZZ86894		0.58	28.1	690	17.8	11.4	0.001	0.04	0.46	2.7	1.8	0.4	26.0	<0.01	0.08	1.1
ZZ86895		0.61	33.7	820	24.9	10.9	<0.001	0.03	0.59	3.0	1.5	0.4	23.5	<0.01	0.06	1.9
ZZ86896		0.60	32.7	810	18.8	8.7	<0.001	0.03	0.56	3.2	1.4	0.4	23.0	<0.01	0.07	1.7
ZZ86897		0.68	33.1	610	17.1	9.0	0.001	0.03	0.53	2.7	1.5	0.3	20.1	<0.01	0.08	1.4
ZZ86898		0.64	30.7	890	22.6	7.4	<0.001	0.06	0.87	2.5	1.1	0.3	31.3	<0.01	0.05	1.1
ZZ86899		0.58	30.7	860	23.3	7.7	<0.001	0.05	0.79	2.8	0.8	0.3	24.6	<0.01	0.06	1.4
ZZ86900		0.55	30.8	930	23.4	9.9	0.001	0.08	0.72	2.3	1.3	0.3	31.4	<0.01	0.05	0.9
ZZ86901		0.66	45.0	1040	22.4	11.2	0.002	0.04	0.91	3.0	1.9	0.3	42.5	<0.01	0.07	1.9
ZZ86902		0.52	31.0	1020	20.6	10.8	0.001	0.05	0.72	2.2	2.1	0.2	38.0	<0.01	0.06	1.4
ZZ86903		0.85	35.2	1180	20.9	10.6	<0.001	0.03	0.82	2.8	1.2	0.3	37.5	<0.01	0.09	2.4
ZZ86904		1.12	26.5	1140	22.5	6.2	0.004	0.06	0.71	2.9	2.4	0.3	48.9	<0.01	0.03	1.9
ZZ86905		1.07	30.1	620	51.7	7.4	<0.001	0.04	1.52	3.5	1.1	0.4	33.3	<0.01	0.04	1.6
ZZ86906		0.91	33.8	1060	30.6	8.4	<0.001	0.05	1.03	3.7	1.0	0.3	40.2	<0.01	0.02	1.3
ZZ86907		0.96	27.3	860	32.9	6.3	<0.001	0.02	1.24	3.3	0.8	0.3	50.7	<0.01	0.02	2.5
ZZ86908		0.93	30.0	590	44.8	7.1	<0.001	0.03	1.42	3.8	0.9	0.4	24.7	<0.01	0.03	2.6
ZZ86909		0.50	19.7	610	17.3	6.5	0.002	0.09	0.58	2.0	0.9	0.2	55.9	<0.01	0.04	1.1
ZZ86910		0.52	37.0	640	20.5	11.7	0.001	0.06	0.71	2.0	2.3	0.2	57.5	<0.01	0.07	1.5
ZZ86911		0.79	26.8	750	33.0	6.3	<0.001	0.02	1.21	3.5	0.7	0.3	52.6	<0.01	0.04	3.0
ZZ86912		0.63	27.3	800	38.9	6.4	<0.001	0.02	1.22	3.4	0.8	0.4	48.6	<0.01	0.04	2.6
ZZ86913		0.66	24.3	880	40.9	6.1	0.001	0.03	1.28	3.0	0.9	0.3	45.3	<0.01	0.04	1.8
ZZ86914		0.73	30.5	910	23.0	6.7	<0.001	0.02	1.05	3.4	1.2	0.3	30.5	<0.01	0.07	2.6
ZZ86915		0.92	35.1	790	19.6	6.5	<0.001	0.04	0.85	2.6	1.9	0.4	26.5	<0.01	0.11	1.7
ZZ86916		0.90	33.1	690	22.5	11.5	0.001	0.02	0.65	5.1	1.9	0.5	23.3	<0.01	0.05	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86877		0.241	0.24	0.52	218	0.12	11.75	97	2.1
ZZ86878		0.128	0.14	0.93	117	0.06	12.10	89	1.7
ZZ86879		0.073	0.14	0.98	105	0.05	21.1	85	1.9
ZZ86880		0.170	0.27	0.48	141	0.09	9.18	91	1.7
ZZ86881		0.117	0.13	0.82	123	0.07	6.81	89	1.3
ZZ86882		0.193	0.16	1.00	142	0.11	7.87	93	1.5
ZZ86883		0.121	0.14	0.85	120	0.07	7.21	92	3.2
ZZ86884		0.360	0.20	0.45	221	0.18	7.70	118	2.6
ZZ86885		0.358	0.20	0.64	199	0.11	7.93	113	2.4
ZZ86886		0.284	0.19	1.03	226	0.18	11.65	121	2.7
ZZ86887		0.299	0.09	0.38	149	0.15	6.05	93	1.6
ZZ86888		0.337	0.14	0.30	214	0.10	6.72	97	1.3
ZZ86889		0.008	0.07	0.23	31	0.18	1.61	53	<0.5
ZZ86890		0.019	0.07	1.31	37	0.17	6.88	114	<0.5
ZZ86891		0.013	0.07	2.09	22	0.11	9.19	68	<0.5
ZZ86892		0.016	0.10	0.75	31	0.15	2.27	81	<0.5
ZZ86893		0.030	0.09	0.94	30	0.14	3.56	95	0.6
ZZ86894		0.024	0.14	1.00	37	0.16	3.70	91	<0.5
ZZ86895		0.021	0.14	1.07	39	0.18	5.93	134	1.1
ZZ86896		0.022	0.10	1.06	39	0.18	8.36	108	0.9
ZZ86897		0.029	0.10	0.76	35	0.25	4.81	86	0.6
ZZ86898		0.023	0.08	1.09	33	0.12	8.69	130	1.7
ZZ86899		0.021	0.09	1.26	35	0.13	8.91	124	1.8
ZZ86900		0.021	0.09	1.31	33	0.10	8.96	137	1.5
ZZ86901		0.029	0.10	1.68	39	0.31	13.00	159	1.7
ZZ86902		0.023	0.10	2.10	31	0.16	10.10	120	1.5
ZZ86903		0.029	0.11	1.78	38	0.14	8.49	139	1.8
ZZ86904		0.041	0.08	0.69	40	0.12	7.73	125	1.3
ZZ86905		0.029	0.11	0.66	49	0.22	10.55	122	1.4
ZZ86906		0.033	0.10	0.66	50	0.22	10.15	144	1.3
ZZ86907		0.036	0.10	0.68	40	0.18	8.84	139	1.9
ZZ86908		0.026	0.10	0.87	50	0.27	9.53	142	1.9
ZZ86909		0.015	0.07	0.68	25	0.13	4.60	99	1.6
ZZ86910		0.022	0.10	1.89	27	0.10	5.42	125	1.3
ZZ86911		0.034	0.10	0.58	39	0.23	8.70	133	2.3
ZZ86912		0.027	0.11	0.69	38	0.20	9.42	149	2.1
ZZ86913		0.029	0.11	0.80	36	0.20	8.70	135	1.6
ZZ86914		0.033	0.08	0.73	40	0.23	8.89	134	2.3
ZZ86915		0.026	0.09	1.03	48	0.17	4.69	121	0.6
ZZ86916		0.023	0.09	1.02	55	0.19	11.70	162	1.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method / Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86917	0.34	0.008	0.40	1.07	13.1	<0.2	<10	320	0.47	0.31	2.04	1.73	26.2	18.8	23
ZZ86918	0.31	0.008	0.93	1.49	11.5	<0.2	<10	180	0.42	0.28	0.40	0.91	22.3	14.5	43
ZZ86919	0.19	0.008	0.84	1.74	8.5	<0.2	<10	440	0.52	0.22	1.55	0.65	22.5	13.3	57
ZZ86920	0.31	0.008	0.13	2.30	9.4	<0.2	<10	420	1.00	0.20	1.12	0.33	46.3	22.9	88
ZZ86921	0.26	0.025	0.66	1.84	10.9	<0.2	<10	380	0.53	0.24	1.00	0.41	32.7	15.5	62
ZZ86922	0.32	0.009	0.91	1.90	12.9	<0.2	<10	270	0.53	0.24	0.44	0.49	39.9	14.2	60
ZZ86923	0.22	0.002	0.22	2.19	7.1	<0.2	<10	190	0.70	0.17	0.65	0.28	41.1	19.5	62
ZZ86924	0.27	0.006	0.29	2.14	10.1	<0.2	<10	280	0.69	0.23	0.84	0.31	43.7	21.6	67
ZZ86925	0.16	0.002	0.16	2.22	8.2	<0.2	<10	610	0.78	0.10	2.53	0.24	22.6	21.5	100
ZZ86926	0.18	0.004	0.27	1.61	5.0	<0.2	<10	360	0.81	0.09	3.27	0.65	23.6	15.8	59
ZZ86927	0.29	0.002	0.12	2.05	5.8	<0.2	<10	280	0.35	0.16	0.75	1.17	29.7	17.0	76
ZZ86928	0.34	0.003	0.20	2.74	6.7	<0.2	<10	490	0.69	0.12	1.24	0.54	47.0	25.3	98
ZZ86929	0.21	0.002	0.12	2.81	11.6	<0.2	<10	510	1.26	0.07	1.91	0.25	41.0	30.0	126
ZZ86930	0.26	0.002	0.08	2.77	4.5	<0.2	<10	690	1.20	0.08	2.43	0.12	24.5	29.3	109
ZZ86931	0.17	0.002	0.07	3.31	4.2	<0.2	<10	1180	1.39	0.07	2.00	0.14	19.90	33.9	105
ZZ86932	0.24	0.003	0.12	2.69	5.3	<0.2	<10	720	1.33	0.10	2.69	0.18	24.2	29.5	152
ZZ86933	0.23	0.005	0.15	3.07	7.8	<0.2	<10	590	1.19	0.11	2.48	0.36	29.8	34.9	158
ZZ86934	0.15	0.004	0.12	2.34	7.3	<0.2	<10	320	0.70	0.10	2.83	0.31	24.6	31.7	144
ZZ86935	0.26	0.003	0.16	2.22	17.8	<0.2	<10	250	0.62	0.10	2.66	0.38	27.3	31.8	185
ZZ86936	0.24	0.002	0.15	2.10	11.1	<0.2	<10	130	0.53	0.21	1.61	0.27	47.9	25.7	149
ZZ86937	0.18	0.002	0.15	2.76	14.8	<0.2	<10	420	1.18	0.11	2.42	0.47	36.1	32.6	182
ZZ86938	0.17	0.002	0.13	3.02	13.6	<0.2	<10	620	1.27	0.08	2.51	0.16	34.2	29.5	159
ZZ86939	0.18	0.002	0.13	3.15	12.7	<0.2	<10	610	1.21	0.08	2.11	0.24	34.4	32.8	209
ZZ86940	0.13	0.002	0.07	2.76	9.2	<0.2	<10	580	1.23	0.07	2.52	0.40	37.8	27.7	159
ZZ86471	0.37	0.003	0.24	1.49	13.8	<0.2	<10	350	0.69	0.30	3.54	0.58	29.8	14.7	44
ZZ86472	0.27	0.004	0.17	2.02	12.8	<0.2	<10	450	0.85	0.21	1.70	0.42	32.7	21.3	84
ZZ86473	0.14	0.006	0.41	1.44	8.6	<0.2	<10	370	0.67	0.19	1.94	1.02	35.3	17.2	38
ZZ86474	0.38	0.002	0.19	1.72	14.0	<0.2	<10	270	0.73	0.27	3.52	0.49	31.5	18.3	75
ZZ86475	0.35	0.006	0.17	2.16	16.0	<0.2	<10	410	0.83	0.22	1.64	0.41	31.6	22.4	108
ZZ86476	0.47	0.006	0.23	1.31	13.7	<0.2	<10	210	0.58	0.31	3.18	0.39	27.6	11.7	28
ZZ86477	0.47	0.002	0.22	1.67	12.8	<0.2	<10	330	0.69	0.30	2.07	0.47	25.3	14.7	56
ZZ86478	0.35	0.004	0.14	2.12	13.6	<0.2	<10	330	0.70	0.17	2.13	0.31	29.2	25.8	148
ZZ86479	0.34	0.004	0.29	1.44	9.0	<0.2	<10	220	0.31	0.23	0.19	0.18	27.6	9.9	24
ZZ86480	0.19	0.006	0.40	0.73	5.2	<0.2	<10	270	0.35	0.17	3.41	0.70	10.15	5.6	13
ZZ86481	0.37	0.005	0.21	1.59	13.4	<0.2	<10	200	0.55	0.33	0.56	0.50	34.3	13.6	49
ZZ86482	0.39	0.004	0.24	1.14	7.2	<0.2	<10	240	0.32	0.25	0.60	0.60	25.6	6.5	27
ZZ86483	0.36	0.004	0.21	1.23	11.6	<0.2	<10	190	0.31	0.29	0.34	0.36	27.9	11.9	25
ZZ86484	0.24	0.008	0.16	1.02	7.7	<0.2	<10	190	0.35	0.23	0.91	0.45	25.9	7.9	24
ZZ86485	0.35	0.004	0.24	1.11	12.9	<0.2	<10	240	0.42	0.26	1.36	0.68	29.9	12.2	28
ZZ86486	0.30	0.005	0.31	0.82	11.3	<0.2	<10	580	0.45	0.30	2.48	1.34	14.80	13.5	18

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86917		0.59	51.8	3.07	3.11	0.05	0.07	0.07	0.033	0.06	13.1	13.0	1.28	2630	2.88	0.02
ZZ86918		1.84	95.7	3.39	5.18	<0.05	0.02	0.04	0.022	0.18	13.1	16.5	0.85	679	2.37	0.01
ZZ86919		0.78	80.6	3.53	5.62	0.05	0.07	0.08	0.027	0.09	12.7	18.5	1.13	405	1.88	0.01
ZZ86920		1.33	63.9	4.60	8.20	0.08	0.06	0.04	0.034	0.19	24.4	23.2	1.84	875	1.29	0.01
ZZ86921		1.12	84.4	4.01	6.02	0.06	0.06	0.08	0.026	0.09	18.0	22.2	1.32	492	1.79	0.01
ZZ86922		0.73	71.5	4.65	6.71	0.06	0.04	0.05	0.030	0.12	21.5	23.6	1.09	449	3.41	0.03
ZZ86923		1.18	54.0	4.48	7.34	0.06	0.07	0.01	0.023	0.10	21.6	35.8	1.51	637	1.58	0.01
ZZ86924		1.96	66.2	4.23	6.87	0.08	0.05	0.06	0.028	0.17	30.4	32.4	1.30	1040	2.50	0.01
ZZ86925		2.19	37.9	4.06	7.57	0.06	0.04	0.04	0.032	0.14	11.5	25.6	1.52	859	1.30	0.01
ZZ86926		1.33	53.3	2.80	5.25	0.06	0.04	0.06	0.025	0.08	12.7	19.0	1.12	792	1.06	0.01
ZZ86927		1.64	49.6	3.73	7.06	0.07	0.03	0.02	0.024	0.26	16.0	22.4	1.62	832	2.72	0.01
ZZ86928		1.13	54.3	5.07	9.09	0.11	0.05	0.04	0.033	0.27	26.4	29.5	2.30	927	2.46	0.01
ZZ86929		1.18	56.8	5.26	10.05	0.10	0.05	0.03	0.039	0.15	22.0	24.0	2.46	1130	1.12	0.01
ZZ86930		1.32	43.5	5.32	10.40	0.11	0.04	0.03	0.026	0.36	12.6	23.5	2.49	1050	0.53	0.01
ZZ86931		2.11	55.7	6.11	12.70	0.11	0.04	0.02	0.026	0.55	9.9	32.3	3.01	1150	0.42	0.01
ZZ86932		2.19	72.2	4.96	9.93	0.10	0.03	0.05	0.031	0.37	13.1	24.8	2.18	1040	0.70	0.01
ZZ86933		3.02	95.6	5.88	10.65	0.13	0.04	0.04	0.041	0.36	15.9	24.3	2.55	1080	0.86	0.01
ZZ86934		1.51	87.5	4.42	7.58	0.10	0.03	0.04	0.035	0.08	12.4	19.7	1.88	1060	1.15	0.01
ZZ86935		1.45	79.7	4.24	6.91	0.11	0.03	0.05	0.034	0.05	13.5	20.2	1.84	982	1.02	0.01
ZZ86936		1.29	81.9	3.91	6.27	0.11	0.03	0.03	0.030	0.06	25.0	21.3	1.70	816	0.93	0.01
ZZ86937		2.23	81.0	4.93	10.15	0.12	0.04	0.04	0.046	0.19	19.5	27.4	2.49	1320	0.85	0.01
ZZ86938		2.58	58.6	5.68	11.65	0.16	0.05	0.03	0.047	0.48	18.6	27.2	2.68	943	0.79	0.01
ZZ86939		2.45	81.7	5.68	11.15	0.18	0.05	0.03	0.053	0.37	18.3	27.2	3.06	841	0.88	0.01
ZZ86940		1.89	54.2	5.05	10.60	0.13	0.05	0.04	0.041	0.31	20.3	23.6	2.48	1060	0.67	0.01
ZZ86471		0.96	42.4	3.37	4.69	0.06	0.05	0.06	0.048	0.10	15.6	17.2	2.55	680	1.18	0.01
ZZ86472		1.46	40.6	4.06	6.99	0.08	0.04	0.04	0.044	0.16	16.8	21.3	1.61	1100	1.05	0.01
ZZ86473		0.97	70.4	2.65	3.75	0.06	0.03	0.14	0.027	0.05	19.0	11.3	0.78	1320	1.95	0.01
ZZ86474		1.16	47.3	3.59	5.57	0.06	0.04	0.06	0.042	0.10	16.4	19.1	2.41	774	1.02	0.01
ZZ86475		1.45	50.6	4.18	7.15	0.07	0.04	0.04	0.046	0.10	16.7	24.1	1.71	850	1.02	0.01
ZZ86476		0.66	37.2	3.00	3.66	0.05	0.05	0.07	0.042	0.07	14.3	14.2	2.12	754	1.08	0.01
ZZ86477		0.79	41.1	3.28	5.00	<0.05	0.03	0.06	0.039	0.08	13.3	18.8	1.24	778	1.09	0.01
ZZ86478		1.81	57.5	4.05	7.12	0.07	0.03	0.05	0.036	0.09	14.8	19.6	1.82	1210	1.20	0.01
ZZ86479		0.92	56.4	2.62	4.39	<0.05	0.05	0.02	0.020	0.07	14.4	21.1	0.52	282	3.00	<0.01
ZZ86480		0.46	75.9	1.44	1.70	<0.05	0.04	0.09	0.018	0.04	5.2	6.2	0.60	1080	0.49	0.01
ZZ86481		0.89	36.3	2.92	5.10	0.06	0.04	0.07	0.035	0.09	17.3	18.9	0.95	644	1.61	0.01
ZZ86482		0.72	36.5	1.74	3.51	<0.05	0.02	0.10	0.027	0.05	13.5	13.1	0.51	231	0.41	0.01
ZZ86483		0.93	34.2	2.53	3.62	<0.05	<0.02	0.07	0.026	0.06	14.0	15.1	0.54	1200	1.89	<0.01
ZZ86484		0.58	34.6	1.93	2.90	<0.05	0.05	0.05	0.027	0.05	13.3	11.2	0.58	314	0.56	0.01
ZZ86485		0.65	47.1	2.77	3.43	0.05	0.07	0.06	0.030	0.06	15.3	12.7	1.00	479	1.11	0.01
ZZ86486		0.46	49.2	2.51	2.23	<0.05	0.06	0.10	0.026	0.04	7.6	8.5	0.58	2410	1.17	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86917		0.66	58.8	1040	22.4	6.2	0.002	0.03	1.16	3.4	1.8	0.3	41.3	<0.01	0.07	2.3
ZZ86918		3.16	40.1	900	15.7	20.3	0.001	0.04	0.65	2.7	1.3	0.3	43.9	<0.01	0.09	1.3
ZZ86919		2.10	49.1	1320	11.8	11.1	<0.001	0.09	1.01	3.2	1.3	0.3	90.4	0.01	0.06	1.5
ZZ86920		5.55	56.4	2490	14.4	17.8	0.001	0.03	0.68	6.6	1.0	0.4	84.4	0.01	0.04	3.7
ZZ86921		4.00	47.5	1840	12.9	11.9	<0.001	0.06	0.98	3.6	1.8	0.3	81.4	0.01	0.07	2.6
ZZ86922		6.12	43.5	2060	18.0	10.0	<0.001	0.12	1.17	2.8	1.4	0.4	74.1	<0.01	0.09	4.0
ZZ86923		11.55	41.6	2360	11.6	13.3	0.001	0.04	0.71	2.8	0.7	0.4	76.0	0.01	0.05	3.3
ZZ86924		4.57	60.2	1720	13.8	23.1	<0.001	0.04	0.76	4.6	1.3	0.4	87.4	<0.01	0.06	3.4
ZZ86925		4.84	44.2	1390	7.4	21.7	0.001	0.10	0.40	6.1	1.2	0.3	195.5	0.02	0.03	1.2
ZZ86926		3.90	44.4	1470	7.6	11.7	0.005	0.16	0.55	3.3	3.1	0.2	238	0.02	0.04	1.0
ZZ86927		3.10	39.3	1950	12.0	37.1	0.001	0.07	0.31	4.2	1.8	0.3	89.1	<0.01	0.07	2.2
ZZ86928		2.90	56.3	2630	11.0	20.8	0.001	0.09	0.41	6.3	1.6	0.3	131.0	<0.01	0.03	3.2
ZZ86929		7.38	65.6	2380	10.6	17.9	0.001	0.09	0.36	8.0	1.2	0.3	165.0	0.01	0.03	2.3
ZZ86930		6.82	50.3	2010	7.9	27.4	<0.001	0.08	0.27	4.7	0.6	0.3	128.5	0.01	0.02	1.3
ZZ86931		5.75	51.4	1710	6.3	35.9	<0.001	0.06	0.22	5.5	0.5	0.3	105.0	0.01	0.02	1.1
ZZ86932		5.77	71.1	1310	8.9	33.6	<0.001	0.09	0.33	5.7	0.7	0.3	146.0	0.01	0.02	1.0
ZZ86933		5.75	81.0	1850	9.7	36.7	<0.001	0.07	0.31	9.4	0.7	0.3	148.0	0.01	0.02	1.5
ZZ86934		2.85	84.1	1290	8.3	13.5	<0.001	0.11	0.31	6.9	0.8	0.2	174.5	0.01	0.02	0.8
ZZ86935		1.79	94.8	1170	8.8	8.7	<0.001	0.09	0.41	7.3	1.3	0.2	175.0	0.01	0.04	0.9
ZZ86936		1.77	78.7	1080	13.6	13.7	<0.001	0.05	0.35	5.5	0.7	0.2	86.4	<0.01	0.03	3.1
ZZ86937		5.16	93.0	1630	9.8	18.0	<0.001	0.08	0.49	9.9	0.9	0.3	154.5	0.01	0.02	2.0
ZZ86938		8.28	73.2	1800	9.0	36.2	<0.001	0.09	0.44	9.1	0.7	0.3	165.0	0.01	0.02	2.2
ZZ86939		5.26	92.6	1790	6.7	32.0	<0.001	0.08	0.35	11.5	0.8	0.2	162.5	0.01	0.03	2.2
ZZ86940		7.41	67.8	2100	7.6	28.3	<0.001	0.10	0.38	6.2	0.6	0.3	153.5	0.01	0.01	1.9
ZZ86471		2.15	38.4	1040	29.9	10.7	<0.001	0.04	1.21	4.5	0.8	0.3	47.0	<0.01	0.04	2.5
ZZ86472		4.38	50.3	1370	19.8	20.7	<0.001	0.07	0.81	5.6	0.5	0.4	75.9	0.01	0.04	2.5
ZZ86473		0.95	42.5	1250	16.3	8.7	0.001	0.13	1.13	2.6	1.6	0.2	77.5	<0.01	0.06	1.0
ZZ86474		3.07	48.6	1220	25.4	12.1	<0.001	0.04	1.01	5.4	0.8	0.3	68.7	<0.01	0.03	2.5
ZZ86475		4.14	60.1	1290	18.9	16.6	<0.001	0.07	0.68	6.2	0.8	0.3	69.7	0.01	0.03	2.4
ZZ86476		1.07	30.3	730	28.3	7.9	<0.001	0.04	1.12	3.7	0.8	0.4	33.1	<0.01	0.05	2.3
ZZ86477		1.54	39.4	780	24.5	8.8	<0.001	0.06	0.96	3.9	0.6	0.3	49.6	<0.01	0.04	1.6
ZZ86478		3.04	74.1	1540	12.8	12.7	<0.001	0.09	0.48	6.2	0.8	0.2	120.5	0.01	0.04	1.5
ZZ86479		1.08	24.7	550	11.8	11.4	<0.001	0.02	0.64	2.2	1.1	0.4	30.9	<0.01	0.06	3.9
ZZ86480		0.41	31.0	930	12.3	5.5	<0.001	0.14	1.07	1.1	1.4	0.2	104.5	<0.01	0.04	0.4
ZZ86481		2.69	35.1	1260	25.7	10.6	<0.001	0.03	0.94	4.2	0.8	0.4	33.1	<0.01	0.04	3.7
ZZ86482		0.99	22.9	1140	19.3	7.7	0.002	0.08	0.76	2.8	1.9	0.3	33.3	<0.01	0.03	1.9
ZZ86483		0.81	24.8	1140	19.7	9.9	0.001	0.03	0.66	2.6	0.8	0.3	24.8	<0.01	0.05	1.9
ZZ86484		1.14	24.4	970	19.6	6.6	<0.001	0.04	0.91	2.6	0.8	0.3	32.1	<0.01	0.04	2.6
ZZ86485		1.51	36.8	1000	20.4	7.5	<0.001	0.02	1.04	3.5	0.9	0.3	33.6	<0.01	0.05	3.8
ZZ86486		0.54	55.1	950	17.4	4.2	0.003	0.19	1.56	2.0	2.0	0.2	42.6	<0.01	0.05	0.7

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ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ86917		0.031	0.08	0.98	39	0.28	9.74	168	2.6
ZZ86918		0.087	0.09	1.70	50	0.11	5.69	88	0.7
ZZ86919		0.057	0.08	1.57	58	0.10	8.10	111	2.5
ZZ86920		0.192	0.11	1.04	103	0.23	11.40	104	2.3
ZZ86921		0.104	0.09	1.66	66	0.14	8.66	115	2.6
ZZ86922		0.173	0.11	1.06	79	0.21	5.38	129	1.9
ZZ86923		0.252	0.09	0.52	86	0.30	5.57	91	2.6
ZZ86924		0.123	0.14	2.02	72	0.17	17.90	111	1.9
ZZ86925		0.155	0.11	1.03	109	0.13	5.69	83	1.5
ZZ86926		0.103	0.13	2.20	69	0.09	7.68	88	1.5
ZZ86927		0.145	0.14	1.69	101	0.14	7.28	124	1.1
ZZ86928		0.160	0.12	1.98	114	0.12	12.70	125	2.4
ZZ86929		0.219	0.10	1.24	141	0.17	9.63	102	1.8
ZZ86930		0.246	0.08	0.41	132	0.16	6.25	92	1.4
ZZ86931		0.271	0.09	0.30	166	0.11	5.56	103	1.2
ZZ86932		0.183	0.11	0.75	129	0.14	6.57	86	1.3
ZZ86933		0.205	0.13	0.55	151	0.16	8.01	100	1.7
ZZ86934		0.089	0.09	0.86	105	0.07	10.65	72	1.0
ZZ86935		0.069	0.08	1.30	100	0.05	10.85	73	1.3
ZZ86936		0.062	0.09	0.83	77	0.10	11.10	87	1.5
ZZ86937		0.162	0.11	0.93	142	0.11	8.68	103	1.7
ZZ86938		0.238	0.14	0.48	148	0.09	6.94	98	2.0
ZZ86939		0.211	0.14	0.63	163	0.10	7.14	98	2.2
ZZ86940		0.217	0.10	0.79	141	0.18	6.49	94	1.8
ZZ86471		0.070	0.13	0.69	61	0.20	9.56	139	1.6
ZZ86472		0.135	0.13	0.62	93	0.17	7.67	130	1.7
ZZ86473		0.026	0.12	3.23	39	0.11	17.20	97	1.0
ZZ86474		0.102	0.13	0.71	76	0.18	8.92	128	1.5
ZZ86475		0.130	0.14	0.77	97	0.14	8.38	126	1.7
ZZ86476		0.034	0.12	0.72	47	0.19	10.80	116	1.6
ZZ86477		0.047	0.11	0.89	63	0.32	7.81	112	1.2
ZZ86478		0.102	0.08	0.74	99	0.10	7.58	97	1.1
ZZ86479		0.039	0.12	1.17	45	0.16	4.06	67	2.0
ZZ86480		0.011	0.07	1.38	19	0.07	6.91	66	1.6
ZZ86481		0.076	0.12	0.69	67	0.24	8.44	119	1.6
ZZ86482		0.030	0.10	1.55	42	0.19	7.71	76	0.8
ZZ86483		0.029	0.12	1.08	44	0.18	6.18	106	<0.5
ZZ86484		0.038	0.07	0.73	38	0.34	7.42	113	2.0
ZZ86485		0.049	0.09	0.72	42	0.19	8.96	121	2.8
ZZ86486		0.013	0.07	2.74	33	0.11	8.30	134	2.0

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86487		0.30	0.004	0.16	2.11	9.2	<0.2	<10	630	0.83	0.10	2.21	1.17	26.6	24.1	97
ZZ86488		0.24	0.002	0.10	1.03	3.8	<0.2	<10	390	0.58	0.07	3.48	0.32	15.05	14.2	33
ZZ86489		0.26	0.004	0.12	1.84	6.6	<0.2	<10	380	0.66	0.14	2.45	0.58	23.9	19.4	78
ZZ86490		0.21	0.003	0.16	1.68	8.7	<0.2	<10	390	0.71	0.16	2.68	0.38	27.2	18.6	56
ZZ86491		0.20	0.002	0.22	1.59	9.6	<0.2	<10	320	0.67	0.20	2.74	0.43	25.1	15.3	51
ZZ86492		0.43	0.002	0.28	1.43	10.9	<0.2	<10	340	0.62	0.25	4.02	0.65	26.1	14.5	44
ZZ86493		0.26	0.003	0.14	1.62	8.2	<0.2	<10	580	0.83	0.16	2.92	0.43	23.2	16.7	76
ZZ86494		0.30	0.003	0.13	2.27	9.5	<0.2	<10	620	1.14	0.14	2.20	0.34	29.7	23.7	102
ZZ86495		0.29	0.002	0.12	2.11	7.5	<0.2	<10	500	0.97	0.13	2.32	0.31	29.3	23.9	90
ZZ86496		0.26	0.002	0.09	2.13	6.9	<0.2	<10	540	1.17	0.08	2.16	0.31	28.2	23.2	99
ZZ86497		0.24	0.003	0.10	2.18	6.4	<0.2	<10	740	1.09	0.12	2.43	0.40	20.2	25.7	91

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86487		2.49	53.9	4.37	7.23	0.08	0.04	0.05	0.029	0.10	14.3	22.1	1.68	2130	2.09	0.01
ZZ86488		1.50	25.7	2.08	3.74	0.05	0.02	0.06	0.017	0.05	8.1	11.6	0.78	1450	2.30	<0.01
ZZ86489		1.67	54.4	3.56	6.59	0.06	0.04	0.04	0.028	0.08	12.3	20.3	1.45	798	0.99	<0.01
ZZ86490		0.86	47.3	3.21	5.85	0.05	0.03	0.06	0.035	0.06	13.9	17.8	1.28	798	0.88	<0.01
ZZ86491		0.81	41.5	3.16	5.27	0.06	0.05	0.05	0.037	0.09	13.1	16.8	1.47	542	1.25	<0.01
ZZ86492		0.88	40.1	3.20	4.65	0.08	0.05	0.06	0.040	0.13	13.4	15.9	2.39	814	1.52	<0.01
ZZ86493		0.84	31.1	3.27	5.81	0.07	0.04	0.04	0.035	0.11	11.8	16.0	1.39	668	0.81	<0.01
ZZ86494		1.12	42.9	4.48	8.32	0.09	0.05	0.03	0.036	0.16	15.3	20.4	2.00	790	0.74	<0.01
ZZ86495		0.89	32.4	4.17	7.95	0.09	0.04	0.03	0.037	0.10	14.9	18.9	2.05	978	0.71	<0.01
ZZ86496		1.12	41.0	4.07	8.39	0.09	0.05	0.03	0.029	0.19	15.1	18.2	1.78	711	1.21	<0.01
ZZ86497		1.20	44.0	4.21	8.58	0.07	0.04	0.03	0.032	0.19	10.3	19.7	1.78	1020	0.72	<0.01

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86487		5.21	82.9	1890	9.4	14.5	0.002	0.11	0.53	5.0	2.3	0.2	162.0	0.01	0.03	1.4
ZZ86488		2.73	23.6	1410	6.0	6.2	0.005	0.17	0.44	1.4	1.2	<0.2	254	0.01	0.02	0.3
ZZ86489		5.29	47.1	1230	10.4	14.7	0.002	0.10	0.62	3.8	1.3	0.3	144.5	0.02	0.01	1.1
ZZ86490		3.01	37.7	1140	15.3	8.9	0.001	0.10	0.70	3.5	1.3	0.3	143.5	0.01	0.04	1.0
ZZ86491		2.52	36.1	1220	22.3	9.1	0.001	0.08	0.99	3.7	0.9	0.3	93.2	0.01	0.04	1.3
ZZ86492		2.06	36.0	1210	29.5	11.3	0.001	0.06	1.31	3.8	0.8	0.3	75.9	<0.01	0.03	1.6
ZZ86493		4.13	37.8	980	16.3	13.1	0.001	0.10	0.72	4.0	0.6	0.3	105.5	0.01	0.02	1.1
ZZ86494		5.64	50.2	1660	13.8	19.5	<0.001	0.06	0.61	6.4	0.7	0.3	95.3	0.01	0.02	1.9
ZZ86495		4.97	47.0	1870	13.5	11.0	<0.001	0.06	0.56	5.9	0.6	0.3	96.1	0.01	0.02	1.8
ZZ86496		6.59	49.5	1700	9.0	23.9	0.001	0.09	0.35	5.6	0.5	0.3	152.5	0.01	0.02	1.8
ZZ86497		4.59	44.7	1130	10.2	21.2	0.001	0.09	0.38	5.2	0.4	0.3	124.0	0.01	0.02	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86487		0.151	0.10	2.03	98	0.23	7.25	140	1.4
ZZ86488		0.066	0.07	0.90	47	0.10	3.80	41	0.7
ZZ86489		0.129	0.09	1.34	78	0.12	6.42	78	1.2
ZZ86490		0.073	0.09	1.53	70	0.13	8.06	81	1.1
ZZ86491		0.077	0.09	1.15	63	0.12	8.27	108	1.5
ZZ86492		0.069	0.11	0.90	59	0.17	8.83	134	1.5
ZZ86493		0.112	0.08	0.86	75	0.12	5.79	81	1.4
ZZ86494		0.175	0.09	0.72	109	0.17	7.48	99	1.5
ZZ86495		0.158	0.08	0.68	101	0.15	7.20	96	1.3
ZZ86496		0.191	0.08	0.63	104	0.17	6.64	82	1.5
ZZ86497		0.159	0.08	0.54	106	0.13	5.31	95	1.1

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13145825

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method:	ME-MS41		

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	LOG-22	SCR-41	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-ICP21	ME-MS41	

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

CERTIFICATE WH13146492

Project: Rackla
P.O. No.: S13-R4
This report is for 188 Soil samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	WEI-21 Recvd Wt. (kg) LOR 0.02	Au-ICP21 Au (ppm) LOR 0.001	ME-MS41 Ag (ppm) LOR 0.01	ME-MS41 Al (%) LOR 0.01	ME-MS41 As (ppm) LOR 0.1	ME-MS41 Au (ppm) LOR 0.2	ME-MS41 B (ppm) LOR 10	ME-MS41 Ba (ppm) LOR 10	ME-MS41 Be (ppm) LOR 0.05	ME-MS41 Bi (ppm) LOR 0.01	ME-MS41 Ca (%) LOR 0.01	ME-MS41 Cd (ppm) LOR 0.01	ME-MS41 Ce (ppm) LOR 0.02	ME-MS41 Co (ppm) LOR 0.1	ME-MS41 Cr (ppm) LOR 1
ZZ81001	0.22	0.002	1.53	0.94	33.3	<0.2	<10	110	0.98	0.25	6.35	2.16	18.05	11.1	12
ZZ81002	0.26	0.002	5.16	0.92	119.0	<0.2	<10	100	0.82	0.22	8.51	8.61	17.75	8.8	12
ZZ81003	0.25	0.001	0.82	0.70	17	<0.2	<10	110	0.42	0.11	13.35	1.53	11.90	4.9	10
ZZ81004	0.28	0.005	1.63	0.42	18	<0.2	<10	60	0.38	0.08	15.40	2.15	9.18	4.1	6
ZZ81005	0.18	0.003	1.12	0.72	12	<0.2	<10	100	0.56	0.14	10.60	1.73	14.05	6.1	11
ZZ81006	0.24	0.002	1.37	0.49	17	<0.2	<10	60	0.61	0.14	11.65	1.57	13.00	7.2	7
ZZ81007	0.22	0.002	1.53	0.65	35	<0.2	<10	80	0.66	0.13	12.10	1.86	17.00	6.6	10
ZZ81008	0.22	0.002	0.80	0.59	19	<0.2	<10	60	0.54	0.11	13.80	1.31	13.65	5.6	8
ZZ81009	0.17	0.012	6.33	0.79	110	<0.2	<10	70	0.67	0.18	10.55	10.25	17.65	7.6	10
ZZ81010	0.17	0.007	12.70	0.85	732	<0.2	<10	90	0.78	0.20	8.10	17.25	16.90	8.8	10
ZZ81011	0.19	0.003	11.65	0.83	180.5	<0.2	<10	80	0.65	0.16	9.80	11.65	15.80	7.3	12
ZZ81012	0.32	0.001	1.92	0.73	35.3	<0.2	<10	90	1.04	0.25	5.30	2.37	15.80	14.7	9
ZZ81013	0.25	0.001	0.97	0.34	15	<0.2	<10	50	0.31	0.06	16.25	0.91	6.43	4.3	4
ZZ81014	0.23	0.002	2.25	0.49	35	<0.2	<10	60	0.52	0.10	13.65	2.93	8.87	5.7	6
ZZ81015	0.18	0.006	9.42	0.66	246	<0.2	<10	70	0.59	0.12	10.45	15.30	10.35	6.8	8
ZZ81016	0.30	0.002	1.44	0.42	25	<0.2	<10	50	0.86	0.15	13.05	3.01	16.55	9.3	7
ZZ81017	0.15	0.002	1.51	0.78	30.2	<0.2	<10	100	1.20	0.22	5.11	2.23	14.65	10.9	10
ZZ81018	0.28	0.002	1.80	0.34	45	<0.2	<10	50	0.63	0.16	12.80	1.95	12.30	15.2	6
ZZ81019	0.24	0.003	5.28	0.32	43.1	<0.2	<10	80	1.17	0.55	4.98	2.76	26.4	14.7	5
ZZ81020	0.17	0.036	>100	0.62	90.3	<0.2	<10	70	0.61	0.29	7.89	132.5	9.01	9.5	7
ZZ81021	0.27	0.003	1.52	0.89	31.4	<0.2	<10	90	1.24	0.26	2.23	2.79	19.90	15.0	11
ZZ81022	0.17	0.004	15.90	0.68	147	<0.2	<10	110	0.69	0.14	10.90	16.40	13.20	8.6	8
ZZ81023	0.21	0.002	1.58	0.43	48	<0.2	<10	80	0.44	0.08	14.50	1.67	9.53	5.3	5
ZZ81024	0.27	0.003	8.25	0.26	89	<0.2	<10	30	0.32	0.05	16.05	38.6	4.65	3.7	2
ZZ81025	0.17	0.001	6.54	0.31	58	<0.2	<10	80	0.26	0.04	17.10	2.41	4.76	3.1	3
ZZ81026	0.21	0.028	87.9	0.27	1680	<0.2	<10	50	0.26	0.05	15.50	23.1	5.20	3.2	3
ZZ81027	0.20	0.002	1.02	0.33	50	<0.2	<10	60	0.33	0.05	16.40	1.69	5.72	3.3	3
ZZ81028	0.17	0.003	1.08	0.69	30	<0.2	<10	80	0.68	0.11	12.35	1.95	13.45	7.1	8
ZZ81029	0.21	0.001	0.58	0.34	22	<0.2	<10	60	0.33	0.04	17.35	1.76	5.51	3.2	4
ZZ81030	0.17	0.001	0.13	2.09	13.5	<0.2	<10	230	1.25	0.27	0.14	0.19	32.1	11.6	26
ZZ81031	0.17	0.001	1.82	0.20	46.3	<0.2	<10	100	1.83	0.23	0.26	0.55	14.70	28.6	5
ZZ81032	0.20	0.002	0.39	1.22	13.7	<0.2	<10	180	1.16	0.24	0.99	0.43	25.7	12.0	22
ZZ81033	0.17	0.002	0.48	1.22	221	<0.2	<10	260	2.04	0.38	1.22	0.56	102.0	35.5	78
ZZ81034	0.19	0.003	0.26	1.10	15.9	<0.2	<10	140	1.38	0.31	0.39	0.30	27.7	16.8	14
ZZ81035	0.21	<0.001	0.08	0.73	2	<0.2	<10	120	0.38	0.08	12.10	0.28	10.10	4.6	14
ZZ81036	0.25	0.002	0.13	0.55	6	<0.2	<10	120	0.47	0.10	10.40	0.40	12.00	7.0	12
ZZ81037	0.20	0.004	0.17	1.51	11.8	<0.2	<10	270	1.09	0.19	1.69	0.25	26.8	9.5	25
ZZ81038	0.18	0.002	0.20	1.47	13.7	<0.2	<10	390	0.78	0.24	1.25	0.27	29.2	10.9	28
ZZ81039	0.23	0.001	0.23	0.85	14.3	<0.2	<10	610	0.81	0.16	6.17	0.54	17.30	9.8	20
ZZ81040	0.18	0.003	0.27	1.61	19.0	<0.2	<10	390	1.62	0.22	2.68	0.59	33.4	14.4	37

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Rackla

Finalized Date: 2-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81001		1.25	23.2	3.46	2.47	0.05	0.04	0.21	0.041	0.10	8.4	8.9	3.49	1480	1.22	0.01
ZZ81002		1.08	18.5	3.34	2.40	0.05	0.05	0.29	0.034	0.09	8.9	8.0	5.15	1470	1.19	0.01
ZZ81003		0.62	8.7	1.90	1.74	<0.05	0.02	0.09	0.018	0.05	5.7	5.3	8.02	1340	0.69	0.02
ZZ81004		0.57	9.9	1.64	1.19	<0.05	0.03	0.19	0.014	0.04	4.6	4.1	9.01	1310	0.85	0.02
ZZ81005		0.71	12.7	2.44	1.91	<0.05	0.02	0.30	0.021	0.05	7.0	5.9	6.33	1380	0.87	0.01
ZZ81006		0.90	17.1	2.52	1.34	<0.05	0.04	0.17	0.022	0.07	6.2	5.6	6.95	1080	1.03	0.01
ZZ81007		0.82	15.0	2.40	1.84	<0.05	0.03	0.22	0.018	0.06	8.4	5.5	7.27	1430	0.95	0.01
ZZ81008		0.78	10.1	2.21	1.61	<0.05	0.03	0.13	0.018	0.06	6.4	4.9	8.21	1140	0.85	0.02
ZZ81009		1.07	17.9	2.72	2.25	<0.05	0.04	0.50	0.032	0.08	8.4	6.8	6.37	1490	1.06	0.01
ZZ81010		1.36	22.3	3.21	2.36	<0.05	0.04	0.65	0.030	0.09	7.9	7.4	4.79	1510	1.12	0.01
ZZ81011		1.02	24.0	2.69	2.21	<0.05	0.03	0.32	0.027	0.07	7.7	6.8	5.94	1330	0.89	0.01
ZZ81012		1.81	32.3	3.16	2.11	0.08	0.07	0.25	0.037	0.10	7.1	9.6	3.04	939	1.47	0.01
ZZ81013		0.48	7.0	1.42	0.90	<0.05	0.04	0.08	0.017	0.03	2.9	3.9	9.46	982	0.43	0.02
ZZ81014		0.81	12.8	1.79	1.40	0.05	0.05	0.09	0.021	0.05	4.2	5.4	8.05	1140	0.64	0.02
ZZ81015		0.85	25.0	2.30	1.88	0.05	0.05	0.61	0.024	0.05	5.0	7.5	6.07	1520	0.78	0.02
ZZ81016		1.55	22.4	2.64	1.19	0.06	0.05	0.20	0.019	0.08	8.7	6.3	7.43	581	0.91	0.02
ZZ81017		1.01	23.9	3.49	2.16	0.08	0.07	0.37	0.041	0.07	7.2	9.7	2.94	1080	1.20	0.01
ZZ81018		1.65	20.0	3.41	1.05	0.07	0.05	0.47	0.023	0.07	5.8	4.1	7.36	864	1.08	0.02
ZZ81019		3.25	50.0	5.27	1.00	0.11	0.07	0.27	0.053	0.10	12.8	3.0	2.84	903	1.67	0.01
ZZ81020		0.70	233	3.77	3.78	0.09	0.05	13.00	0.047	0.04	3.5	8.4	4.51	2920	0.87	0.01
ZZ81021		0.84	37.3	4.89	2.66	0.10	0.11	0.38	0.067	0.07	8.5	15.0	1.35	1920	1.62	0.01
ZZ81022		0.77	21.2	3.21	2.04	0.06	0.07	0.40	0.038	0.04	6.0	8.5	6.30	3580	1.03	0.02
ZZ81023		0.56	12.1	2.47	1.40	0.05	0.06	0.13	0.030	0.04	4.3	5.7	8.44	3600	0.70	0.02
ZZ81024		0.45	33.9	3.60	1.22	0.07	0.05	0.42	0.051	0.02	2.0	2.9	8.91	4880	0.44	0.02
ZZ81025		0.35	20.4	3.29	1.05	<0.05	0.06	0.12	0.060	0.02	2.0	2.2	9.76	4350	0.41	0.02
ZZ81026		0.37	27.8	2.98	1.82	0.05	0.04	0.26	0.029	0.02	2.3	3.2	8.93	13650	0.40	0.02
ZZ81027		0.28	6.6	1.78	1.04	<0.05	0.04	0.06	0.020	0.03	2.6	3.1	9.52	2550	0.46	0.02
ZZ81028		0.62	12.5	2.66	1.82	0.06	0.07	0.12	0.030	0.05	6.1	7.3	7.26	1980	0.80	0.02
ZZ81029		0.31	6.1	1.26	0.96	<0.05	0.04	0.09	0.012	0.02	2.6	3.0	10.20	2330	0.45	0.02
ZZ81030		2.07	16.5	5.01	5.57	0.08	0.06	0.04	0.066	0.07	12.2	24.7	0.41	2200	1.51	0.01
ZZ81031		1.29	46.5	8.10	0.63	0.13	0.09	0.32	0.061	0.04	5.3	1.0	0.09	2930	2.69	0.01
ZZ81032		1.45	25.6	4.36	3.58	0.08	0.08	0.10	0.049	0.06	12.9	16.6	0.71	1790	1.98	0.01
ZZ81033		2.67	33.1	6.87	3.73	0.16	0.09	0.07	0.102	0.08	47.1	14.0	0.32	3340	6.66	0.01
ZZ81034		1.34	35.8	3.89	2.87	0.09	0.10	0.13	0.050	0.08	12.3	15.5	0.37	1160	1.80	0.01
ZZ81035		0.64	4.8	1.38	2.18	<0.05	0.03	0.05	0.015	0.03	4.9	10.7	7.26	553	0.77	0.02
ZZ81036		0.59	14.2	1.88	1.46	<0.05	0.05	0.05	0.016	0.05	6.3	9.0	4.69	271	1.36	0.01
ZZ81037		0.70	12.2	2.56	4.41	0.05	0.05	0.07	0.025	0.03	13.0	17.5	1.11	541	1.12	0.01
ZZ81038		0.84	13.8	2.74	4.48	0.06	0.08	0.08	0.029	0.06	13.3	17.2	0.80	301	1.21	0.01
ZZ81039		0.96	22.7	2.63	2.38	0.06	0.06	0.08	0.024	0.07	9.0	15.7	3.72	413	1.93	0.01
ZZ81040		1.22	19.0	3.53	3.79	0.08	0.08	0.08	0.043	0.06	15.2	20.1	1.78	475	2.51	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81001		0.19	20.5	590	240	6.8	<0.001	0.04	8.22	3.8	0.3	0.3	43.9	<0.01	0.03	1.2
ZZ81002		0.27	17.3	620	438	7.3	<0.001	0.03	18.30	3.6	0.5	0.3	20.0	<0.01	0.03	1.6
ZZ81003		0.27	9.5	580	197.5	5.5	<0.001	0.04	5.09	1.2	0.2	0.3	19.8	<0.01	0.02	0.5
ZZ81004		0.25	9.4	450	297	3.5	<0.001	0.02	13.25	1.6	<0.2	0.2	25.1	<0.01	0.03	0.9
ZZ81005		0.26	13.3	880	259	5.0	<0.001	0.05	7.43	1.7	0.3	0.2	21.5	<0.01	0.03	0.6
ZZ81006		0.16	13.9	620	313	4.1	<0.001	0.03	9.79	3.2	0.4	0.2	28.2	<0.01	0.03	1.4
ZZ81007		0.28	14.8	770	266	5.0	<0.001	0.03	13.85	2.5	0.5	0.3	23.9	<0.01	0.02	1.0
ZZ81008		0.22	11.4	1010	102.0	5.6	<0.001	0.03	8.42	1.9	0.3	0.2	21.4	<0.01	0.02	0.7
ZZ81009		0.27	15.0	610	637	7.3	<0.001	0.03	40.7	2.9	0.5	0.6	22.5	<0.01	0.03	1.1
ZZ81010		0.25	16.4	630	1070	7.3	<0.001	0.06	78.2	3.3	0.6	0.7	19.0	<0.01	0.03	1.2
ZZ81011		0.28	14.7	670	1975	6.3	<0.001	0.04	39.7	2.6	0.7	0.4	18.7	<0.01	0.02	0.8
ZZ81012		0.19	24.4	450	287	6.6	<0.001	0.02	13.80	5.6	0.6	0.3	31.7	<0.01	0.03	3.1
ZZ81013		0.21	4.9	580	101.5	3.0	<0.001	0.03	8.90	1.4	0.6	<0.2	25.9	<0.01	0.02	0.4
ZZ81014		0.20	8.3	470	315	4.4	<0.001	0.03	36.4	2.2	0.7	0.2	20.1	<0.01	0.02	0.7
ZZ81015		0.28	11.0	650	1355	5.2	<0.001	0.06	64.8	2.1	1.3	0.9	18.6	<0.01	0.03	0.6
ZZ81016		0.15	18.0	480	89.1	4.9	<0.001	0.02	18.40	5.3	0.7	0.2	43.7	<0.01	0.03	2.4
ZZ81017		0.23	18.5	860	187.0	5.7	<0.001	0.06	19.75	4.1	0.8	0.3	17.3	0.01	0.03	0.9
ZZ81018		0.17	22.8	520	242	4.2	<0.001	0.09	19.75	4.5	0.9	0.2	28.2	<0.01	0.03	1.5
ZZ81019		0.09	26.1	490	533	4.8	<0.001	0.12	21.6	8.5	0.8	0.5	30.7	<0.01	0.03	4.9
ZZ81020		0.28	12.8	1110	>10000	5.8	0.002	0.48	280	2.5	4.4	31.0	35.4	<0.01	0.04	0.6
ZZ81021		0.19	25.8	300	236	4.6	<0.001	0.03	4.99	8.3	1.0	0.4	16.1	0.01	0.04	2.7
ZZ81022		0.24	14.1	580	650	5.2	<0.001	0.03	64.6	3.1	1.0	0.6	42.2	<0.01	0.04	0.8
ZZ81023		0.25	9.4	440	646	3.3	<0.001	0.02	6.71	2.6	0.7	0.2	32.7	<0.01	0.03	0.9
ZZ81024		0.55	4.4	310	1290	2.3	<0.001	0.09	33.3	3.0	2.0	2.7	67.8	<0.01	0.04	0.5
ZZ81025		0.32	3.9	420	1000	2.4	<0.001	0.06	27.8	1.8	1.0	0.2	46.7	0.01	0.03	0.3
ZZ81026		0.15	4.5	340	3460	2.4	<0.001	0.04	422	1.5	1.4	1.8	52.0	<0.01	0.03	0.4
ZZ81027		0.19	4.7	630	321	2.7	<0.001	0.05	4.27	1.0	0.6	<0.2	36.8	<0.01	0.03	0.3
ZZ81028		0.26	11.5	640	172.0	4.9	<0.001	0.05	3.96	2.8	0.9	0.2	23.5	<0.01	0.05	0.9
ZZ81029		0.20	3.8	580	126.0	2.5	<0.001	0.04	5.56	0.9	0.7	0.2	24.4	<0.01	0.03	0.3
ZZ81030		1.06	21.5	550	26.9	10.5	<0.001	0.02	1.02	3.9	0.7	0.6	8.9	0.01	0.05	2.0
ZZ81031		0.10	96.6	700	113.0	3.2	<0.001	0.02	14.70	6.9	0.9	0.2	8.5	0.01	0.03	1.8
ZZ81032		0.66	31.0	760	37.0	7.5	<0.001	0.04	1.72	5.1	0.9	0.4	22.5	0.01	0.04	1.9
ZZ81033		0.41	72.8	4560	88.7	10.4	<0.001	0.03	3.26	11.8	1.1	0.6	48.5	0.01	0.05	5.6
ZZ81034		0.22	31.1	440	41.6	7.4	<0.001	0.02	1.32	6.9	0.7	0.4	13.9	<0.01	0.04	3.1
ZZ81035		0.45	7.6	360	8.9	7.0	<0.001	0.03	0.48	1.6	0.5	0.3	192.5	<0.01	0.03	0.5
ZZ81036		0.22	17.3	660	15.8	4.3	0.001	0.02	0.66	2.5	0.6	0.2	84.2	<0.01	0.03	1.3
ZZ81037		0.83	24.0	520	15.4	5.3	<0.001	0.03	0.58	3.6	0.7	0.5	18.6	<0.01	0.04	1.7
ZZ81038		0.95	26.2	640	20.3	7.3	<0.001	0.03	0.65	4.4	0.8	0.5	18.2	<0.01	0.03	3.1
ZZ81039		0.29	34.8	830	22.4	6.0	<0.001	0.03	0.96	3.7	0.8	0.2	47.6	<0.01	0.03	1.9
ZZ81040		0.62	49.4	690	30.5	7.9	0.001	0.04	1.31	5.5	1.8	0.4	28.2	<0.01	0.05	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OG46 Ag ppm 1	Zn-OG46 Zn % 0.001	Pb-OG46 Pb % 0.001
ZZ81001		0.007	0.12	0.56	22	0.09	11.45	545	1.1			
ZZ81002		0.008	0.10	0.61	23	0.30	10.50	1770	1.4			
ZZ81003		0.013	0.07	0.63	19	0.16	5.27	397	0.5			
ZZ81004		0.011	0.07	0.57	14	0.12	5.06	577	0.8			
ZZ81005		0.013	0.09	0.57	22	0.13	7.56	483	0.7			
ZZ81006		0.007	0.10	0.57	15	0.09	8.70	416	1.2			
ZZ81007		0.013	0.11	0.62	21	0.12	7.67	503	0.8			
ZZ81008		0.009	0.09	0.71	18	0.18	7.21	501	0.7			
ZZ81009		0.009	0.12	0.78	21	0.16	8.89	2030	1.1			
ZZ81010		0.007	0.14	0.81	20	0.19	8.96	3260	1.2			
ZZ81011		0.011	0.11	0.73	24	0.12	8.95	3140	0.9			
ZZ81012		<0.005	0.16	0.59	17	0.09	11.20	549	2.6			
ZZ81013		0.005	0.06	0.62	9	0.09	4.94	246	1.0			
ZZ81014		0.005	0.07	0.57	12	0.41	6.70	924	1.1			
ZZ81015		0.008	0.08	0.67	16	0.16	7.06	4740	1.0			
ZZ81016		<0.005	0.19	0.48	14	0.11	9.00	1460	1.7			
ZZ81017		0.005	0.11	0.70	20	0.15	12.50	732	1.6			
ZZ81018		<0.005	0.20	0.80	14	0.11	7.66	795	1.4			
ZZ81019		<0.005	0.32	0.79	10	0.25	11.75	1900	3.1			
ZZ81020		0.007	0.10	1.52	16	0.14	6.75	>10000	0.9	184	3.09	3.47
ZZ81021		<0.005	0.13	0.51	21	0.10	22.2	871	2.5			
ZZ81022		0.006	0.14	0.63	17	0.17	11.40	2260	1.5			
ZZ81023		0.007	0.08	0.52	12	0.15	8.41	538	1.3			
ZZ81024		0.005	0.11	0.53	19	0.75	8.37	>10000	1.2		1.250	
ZZ81025		0.005	0.13	0.37	11	0.24	12.85	808	1.4			
ZZ81026		<0.005	0.08	0.42	8	11.35	8.04	5850	1.1			
ZZ81027		0.006	0.06	0.45	9	0.10	4.32	551	0.9			
ZZ81028		0.008	0.12	0.62	18	0.19	8.88	543	1.7			
ZZ81029		0.007	0.07	0.68	9	0.08	3.88	462	0.9			
ZZ81030		0.014	0.17	0.86	45	0.22	6.42	83	1.4			
ZZ81031		<0.005	0.66	4.92	13	0.07	24.5	125	1.7			
ZZ81032		0.021	0.11	4.21	34	0.17	13.30	139	1.7			
ZZ81033		0.005	0.19	2.15	72	0.20	16.85	125	2.5			
ZZ81034		<0.005	0.16	0.66	23	0.12	16.65	134	2.5			
ZZ81035		0.012	0.09	0.43	32	0.09	3.01	75	0.9			
ZZ81036		0.005	0.11	1.02	21	0.06	7.20	63	1.6			
ZZ81037		0.017	0.08	0.89	50	0.24	9.64	68	1.2			
ZZ81038		0.020	0.13	0.73	54	0.20	7.28	78	1.7			
ZZ81039		0.006	0.16	1.12	33	0.07	9.53	97	1.7			
ZZ81040		0.008	0.21	1.50	65	0.14	15.30	110	2.2			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ81041		0.20	0.001	0.05	1.72	14.3	<0.2	<10	470	1.37	0.33	0.36	0.15	21.9	14.9	25
ZZ81042		0.22	0.001	0.09	1.58	11.3	<0.2	<10	260	1.43	0.24	0.26	0.22	31.4	13.7	25
ZZ81043		0.18	0.002	0.15	1.13	13.9	<0.2	<10	260	0.92	0.27	1.72	0.50	19.30	14.5	22
ZZ81044		0.20	0.002	0.23	0.67	13	<0.2	<10	200	0.47	0.09	12.95	0.79	14.95	8.3	17
ZZ81045		0.17	0.001	0.03	1.13	8.9	<0.2	<10	140	0.27	0.23	0.10	0.14	24.7	3.8	17
ZZ81046		0.16	0.001	0.05	1.50	8.6	<0.2	<10	170	0.53	0.21	0.14	0.14	22.7	5.6	21
ZZ81047		0.23	0.002	0.07	1.35	8.2	<0.2	<10	160	0.41	0.24	0.06	0.15	25.3	5.1	18
ZZ81048		0.21	0.002	0.17	0.73	7.7	<0.2	<10	300	0.74	0.17	5.82	0.61	14.55	9.3	15
ZZ81049		0.15	0.002	0.13	1.55	15.7	<0.2	<10	300	0.68	0.21	0.98	0.31	35.3	9.4	30
ZZ81050		0.15	0.001	0.22	0.97	13.9	<0.2	<10	250	0.72	0.13	7.20	0.40	27.9	6.5	20
ZZ81051		0.16	0.001	0.04	2.00	11.4	<0.2	<10	300	0.63	0.23	0.36	0.27	23.6	8.3	30
ZZ81052		0.19	0.012	0.75	1.51	29.0	<0.2	<10	720	1.13	0.33	0.82	3.50	29.5	17.1	47
ZZ81053		0.16	0.006	0.61	1.25	17.5	<0.2	<10	600	0.77	0.24	0.96	1.68	23.9	11.0	42
ZZ81054		0.13	0.005	0.76	1.35	21.5	<0.2	<10	850	0.99	0.31	0.84	3.85	26.0	13.5	46
ZZ81055		0.25	0.002	0.08	1.53	15.2	<0.2	<10	310	0.67	0.23	0.48	0.51	29.0	11.3	32
ZZ81056		0.21	0.002	0.07	1.68	12.2	<0.2	<10	340	0.84	0.20	1.50	0.32	30.2	8.7	28
ZZ81057		0.14	0.003	0.40	0.81	19.8	<0.2	<10	760	0.60	0.17	5.60	1.42	20.4	13.1	34
ZZ81058		0.15	0.003	0.33	0.69	15.6	<0.2	<10	570	0.54	0.15	6.63	1.43	17.70	11.5	32
ZZ81059		0.13	0.002	0.27	0.67	15.8	<0.2	<10	470	0.57	0.16	6.71	0.95	17.25	11.0	26
ZZ81060		0.20	0.002	0.25	0.62	15.7	<0.2	<10	400	0.58	0.16	8.02	0.79	16.10	10.9	19
ZZ81061		0.20	0.002	0.19	0.59	15.0	<0.2	<10	140	0.65	0.20	9.72	0.38	16.40	10.8	9
ZZ81062		0.22	0.002	0.16	0.54	13	<0.2	<10	150	0.60	0.19	10.70	0.38	15.70	10.5	8
ZZ81063		0.18	0.001	0.12	0.40	11	<0.2	<10	140	0.52	0.14	10.90	0.36	11.15	8.0	6
ZZ81064		0.21	0.002	0.12	0.46	12.3	<0.2	<10	150	0.55	0.16	9.62	0.32	12.85	9.5	7
ZZ81065		0.23	0.002	0.15	0.53	12.4	<0.2	<10	140	0.62	0.16	9.05	0.34	14.10	9.2	8
ZZ81066		0.19	0.002	0.18	0.49	9	<0.2	<10	110	0.50	0.09	11.85	1.19	12.25	6.3	10
ZZ81067		0.17	0.001	0.02	2.05	10.9	<0.2	<10	230	0.66	0.24	0.25	0.20	25.7	8.0	31
ZZ81068		0.22	0.001	0.03	2.07	9.6	<0.2	<10	290	0.76	0.22	0.28	0.20	30.3	7.7	29
ZZ81069		0.30	0.002	0.04	2.55	16.0	<0.2	<10	250	1.52	0.24	0.12	0.35	35.4	15.4	40
ZZ81070		0.25	0.002	0.05	1.89	16.3	<0.2	<10	240	1.00	0.26	0.24	0.17	37.9	14.8	30
ZZ81071		0.21	0.003	0.10	1.57	13.0	<0.2	<10	330	0.99	0.24	0.45	0.19	26.5	10.4	25
ZZ81072		0.13	0.001	0.07	2.25	13.7	<0.2	<10	510	1.66	0.30	1.20	0.48	46.8	12.2	34
ZZ81073		0.15	0.001	0.02	1.53	5.6	<0.2	<10	150	0.41	0.16	0.33	0.21	18.40	6.5	21
ZZ81501		0.20	0.001	0.12	1.84	13.0	<0.2	<10	710	0.79	0.23	1.05	0.27	23.3	8.1	28
ZZ81502		0.19	0.002	0.06	1.90	9.8	<0.2	<10	400	0.81	0.24	0.87	0.27	38.0	9.3	30
ZZ81503		0.18	0.004	0.14	0.53	2.1	<0.2	<10	550	0.26	0.07	4.25	1.49	8.66	3.7	7
ZZ81504		0.12	0.003	0.11	0.41	0.9	<0.2	10	670	0.15	0.05	4.81	0.80	4.37	2.4	7
ZZ81505		0.17	<0.001	0.18	0.75	7.9	<0.2	<10	530	0.41	0.10	3.09	0.73	11.35	5.4	21
ZZ81506		0.52	0.001	0.17	0.52	14.7	<0.2	<10	140	0.59	0.17	8.95	0.43	15.25	9.5	9
ZZ81507		0.48	0.001	0.13	0.47	13.1	<0.2	<10	170	0.60	0.16	9.94	0.37	13.45	8.9	7

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Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81041	1.47	17.9	4.18	4.45	0.07	0.06	0.02	0.038	0.05	9.4	24.4	0.45	376	1.61	0.01
ZZ81042	1.66	22.6	3.42	4.23	0.07	0.07	0.05	0.034	0.04	15.1	21.9	0.41	485	1.36	0.01
ZZ81043	1.06	16.8	3.42	3.65	0.06	0.04	0.05	0.030	0.05	9.9	19.0	0.72	322	1.71	0.01
ZZ81044	0.86	19.5	1.74	1.93	0.05	0.06	0.11	0.015	0.07	8.2	11.2	4.86	445	1.79	0.01
ZZ81045	0.89	5.1	2.30	6.07	<0.05	0.03	0.01	0.017	0.04	12.5	14.2	0.21	112	1.48	0.01
ZZ81046	1.06	4.5	2.39	6.05	<0.05	0.04	0.03	0.021	0.03	11.3	19.3	0.30	117	1.44	0.01
ZZ81047	1.09	6.2	2.58	5.91	0.05	0.05	0.02	0.021	0.04	12.6	18.7	0.20	161	1.65	0.01
ZZ81048	1.08	21.9	2.15	2.16	<0.05	0.05	0.09	0.025	0.05	7.3	12.3	2.81	384	0.96	0.01
ZZ81049	0.86	12.6	3.21	4.36	<0.05	0.03	0.19	0.053	0.05	12.9	15.8	0.54	776	1.47	0.01
ZZ81050	0.51	15.5	2.56	2.31	0.06	0.04	0.09	0.037	0.04	16.5	10.9	3.80	672	1.52	0.02
ZZ81051	1.09	9.9	2.99	5.56	<0.05	0.05	0.03	0.036	0.04	12.5	17.0	0.46	269	1.31	0.01
ZZ81052	1.06	76.5	3.62	4.30	0.07	0.10	0.39	0.040	0.12	15.2	21.2	0.76	201	4.89	0.01
ZZ81053	0.78	44.2	2.44	3.64	0.05	0.07	0.26	0.031	0.09	12.8	17.8	0.71	267	2.54	0.01
ZZ81054	1.00	72.8	2.53	3.85	0.05	0.09	0.44	0.036	0.09	13.9	18.1	0.72	262	3.96	0.01
ZZ81055	0.99	18.7	2.90	4.65	<0.05	0.03	0.03	0.031	0.06	12.4	18.1	0.57	433	2.07	0.01
ZZ81056	0.64	11.3	2.90	4.83	<0.05	0.07	0.03	0.031	0.04	14.6	12.8	0.87	310	1.23	0.01
ZZ81057	1.24	36.7	2.65	2.44	0.05	0.06	0.27	0.023	0.08	10.9	13.5	3.33	547	3.01	0.02
ZZ81058	1.02	30.5	2.24	2.11	<0.05	0.05	0.17	0.022	0.07	9.5	11.6	3.57	413	2.14	0.01
ZZ81059	0.98	25.6	2.35	2.04	0.05	0.06	0.23	0.023	0.07	8.9	11.2	3.87	481	1.87	0.02
ZZ81060	1.26	26.4	2.42	1.85	<0.05	0.05	0.15	0.025	0.07	8.2	10.0	4.35	605	1.79	0.02
ZZ81061	1.41	26.8	2.48	1.73	<0.05	0.05	0.13	0.029	0.06	7.7	9.0	4.75	596	1.19	0.02
ZZ81062	1.44	24.1	2.38	1.59	<0.05	0.04	0.12	0.030	0.06	7.3	8.5	4.99	704	1.17	0.02
ZZ81063	1.02	16.7	2.03	1.19	<0.05	0.04	0.10	0.022	0.05	4.9	7.1	5.42	518	0.81	0.01
ZZ81064	1.10	20.7	2.12	1.35	<0.05	0.04	0.09	0.023	0.05	5.8	7.8	4.60	634	0.97	0.01
ZZ81065	1.28	19.0	2.34	1.55	<0.05	0.05	0.11	0.026	0.07	6.5	8.7	4.62	596	0.85	0.02
ZZ81066	0.55	19.2	1.90	1.34	<0.05	0.05	0.10	0.020	0.04	6.5	7.4	6.00	721	1.04	0.02
ZZ81067	1.48	7.9	2.92	6.13	<0.05	0.02	0.01	0.030	0.07	12.9	16.0	0.44	281	1.28	0.01
ZZ81068	1.32	8.3	2.65	5.71	<0.05	0.04	0.01	0.029	0.04	14.1	13.7	0.48	260	0.80	0.01
ZZ81069	1.30	20.8	3.89	5.66	0.05	0.07	0.03	0.056	0.08	16.0	20.3	0.54	474	1.58	0.01
ZZ81070	1.41	24.1	3.23	4.99	0.05	0.04	0.08	0.033	0.07	15.7	16.6	0.56	609	1.53	0.01
ZZ81071	0.89	19.9	3.14	4.44	0.05	0.05	0.05	0.037	0.06	14.2	15.0	0.46	464	1.10	0.01
ZZ81072	0.91	17.8	4.52	5.77	0.07	0.11	0.05	0.057	0.08	22.0	13.7	0.73	1800	1.32	0.01
ZZ81073	0.72	8.3	2.55	4.69	<0.05	0.03	0.01	0.027	0.04	9.0	12.5	0.42	388	0.67	0.01
ZZ81501	0.95	9.7	3.77	4.93	<0.05	0.04	0.06	0.039	0.04	12.9	13.7	0.59	471	1.12	0.01
ZZ81502	1.05	12.8	2.75	5.57	0.05	0.04	0.02	0.035	0.04	15.8	14.9	0.67	323	0.85	0.01
ZZ81503	0.38	12.5	0.68	1.40	<0.05	0.03	0.09	0.010	0.02	4.3	2.4	0.32	1070	0.54	0.01
ZZ81504	0.31	14.9	0.57	0.95	<0.05	0.05	0.13	0.008	0.02	2.5	2.5	0.32	154	0.21	0.02
ZZ81505	0.57	18.0	1.67	2.05	<0.05	0.05	0.14	0.017	0.05	6.5	9.0	0.53	320	1.13	0.01
ZZ81506	1.09	22.9	2.38	1.52	<0.05	0.04	0.13	0.027	0.06	7.2	8.1	4.83	638	1.19	0.02
ZZ81507	0.95	20.4	2.30	1.34	<0.05	0.04	0.13	0.024	0.05	6.3	7.8	4.98	614	1.03	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81041		0.43	28.9	190	27.8	6.9	<0.001	0.02	0.60	4.2	0.5	0.5	17.0	<0.01	0.05	3.3
ZZ81042		0.90	29.7	410	22.7	7.9	<0.001	0.01	0.58	4.5	0.8	0.5	13.8	<0.01	0.04	3.7
ZZ81043		0.81	29.4	380	28.9	8.4	<0.001	0.05	0.84	3.7	0.8	0.4	25.0	<0.01	0.04	1.8
ZZ81044		0.27	33.1	760	18.7	5.8	0.001	0.01	1.08	3.4	0.8	0.2	140.5	<0.01	0.03	1.7
ZZ81045		1.53	8.7	150	14.4	8.4	<0.001	0.01	0.48	2.0	0.2	0.7	7.2	<0.01	0.03	2.8
ZZ81046		1.45	11.9	130	14.3	9.4	<0.001	0.01	0.40	2.4	0.2	0.7	8.7	<0.01	0.03	2.9
ZZ81047		1.25	10.6	150	16.8	8.5	<0.001	0.01	0.47	2.0	0.3	0.7	6.2	<0.01	0.04	3.2
ZZ81048		0.38	25.4	760	14.8	4.6	<0.001	0.04	0.74	2.3	0.8	0.2	64.4	<0.01	0.02	1.4
ZZ81049		0.87	42.6	440	21.2	8.2	<0.001	0.04	0.87	3.4	0.7	0.5	21.1	<0.01	0.03	1.6
ZZ81050		0.31	20.1	1000	19.3	6.2	0.001	0.07	1.04	3.1	1.3	0.3	55.7	<0.01	0.02	0.6
ZZ81051		1.14	22.8	220	16.3	8.4	<0.001	0.01	0.54	3.3	0.3	0.6	12.5	<0.01	0.02	3.3
ZZ81052		0.47	99.4	1050	47.5	9.2	0.003	0.04	3.00	4.8	4.2	0.5	45.3	<0.01	0.09	4.0
ZZ81053		0.42	66.1	980	27.2	7.3	0.003	0.05	1.95	3.5	2.1	0.4	45.7	<0.01	0.08	2.8
ZZ81054		0.44	84.2	1010	36.0	8.1	0.004	0.05	3.04	4.5	3.7	0.5	45.0	<0.01	0.08	3.4
ZZ81055		0.90	38.6	780	17.0	10.8	<0.001	0.02	1.01	3.3	1.0	0.5	23.1	<0.01	0.06	3.5
ZZ81056		0.85	24.2	190	21.0	5.0	<0.001	0.01	0.65	4.6	0.6	0.6	27.1	<0.01	0.04	3.6
ZZ81057		0.34	84.3	1050	26.8	5.9	0.003	0.05	1.52	3.1	2.1	0.3	74.2	<0.01	0.04	2.0
ZZ81058		0.34	75.6	970	22.4	5.1	0.002	0.05	1.25	2.7	1.5	0.2	85.5	<0.01	0.03	1.8
ZZ81059		0.29	59.2	820	25.2	4.9	0.001	0.05	1.22	2.8	1.3	0.2	70.9	<0.01	0.04	1.7
ZZ81060		0.26	45.7	740	28.5	5.1	0.001	0.04	1.40	3.0	1.1	0.2	68.7	<0.01	0.03	1.6
ZZ81061		0.24	20.3	460	34.8	4.6	<0.001	0.03	1.36	3.6	0.8	0.2	72.2	<0.01	0.03	1.9
ZZ81062		0.23	19.0	450	31.2	4.6	0.001	0.03	1.27	3.3	1.0	0.2	80.6	<0.01	0.03	1.9
ZZ81063		0.15	13.7	330	25.7	3.2	<0.001	0.03	1.05	2.6	0.4	0.2	75.8	<0.01	0.02	1.6
ZZ81064		0.19	16.7	370	26.6	3.5	<0.001	0.03	1.12	2.9	0.7	0.2	72.9	<0.01	0.02	1.7
ZZ81065		0.22	16.6	440	29.5	4.9	<0.001	0.03	1.16	3.1	0.6	0.2	66.4	<0.01	0.02	1.7
ZZ81066		0.16	16.3	870	37.6	3.4	<0.001	0.06	1.45	2.1	0.9	0.2	80.2	<0.01	0.03	0.5
ZZ81067		1.41	21.3	210	16.3	15.4	<0.001	0.01	0.53	2.9	0.4	0.7	11.3	<0.01	0.03	3.8
ZZ81068		1.17	18.8	160	16.4	7.9	<0.001	0.01	0.43	3.5	0.4	0.7	11.0	<0.01	0.01	3.9
ZZ81069		0.85	45.6	320	26.3	13.3	<0.001	0.01	0.93	6.6	0.8	0.7	9.7	<0.01	0.03	5.7
ZZ81070		0.95	35.7	240	22.1	11.3	<0.001	0.01	0.95	4.3	0.8	0.6	13.5	<0.01	0.05	4.6
ZZ81071		0.72	23.6	340	23.4	9.3	<0.001	0.02	0.86	5.1	0.8	0.5	15.3	<0.01	0.03	2.8
ZZ81072		1.06	28.1	250	29.4	11.2	<0.001	0.02	0.75	9.0	1.5	0.7	22.4	<0.01	0.03	6.3
ZZ81073		0.86	12.3	160	14.4	6.2	<0.001	0.01	0.40	2.4	0.2	0.5	10.1	<0.01	0.02	2.3
ZZ81501		0.96	20.6	470	21.3	7.0	<0.001	0.03	0.56	3.6	0.8	0.5	17.7	<0.01	0.04	2.1
ZZ81502		1.04	24.5	330	17.6	7.3	0.001	0.02	0.60	4.1	0.6	0.6	18.1	<0.01	0.02	3.3
ZZ81503		0.33	8.1	950	4.9	2.4	<0.001	0.17	0.44	0.5	0.8	0.2	66.8	<0.01	0.01	0.2
ZZ81504		0.27	8.5	900	2.5	3.3	0.001	0.24	0.48	0.6	1.0	<0.2	84.2	0.01	0.01	0.2
ZZ81505		0.27	23.1	1130	11.2	9.0	0.001	0.13	0.80	1.5	1.5	0.3	58.2	<0.01	0.03	0.4
ZZ81506		0.22	19.1	450	28.6	4.0	0.001	0.02	1.31	3.2	0.6	0.2	54.4	<0.01	0.03	1.9
ZZ81507		0.18	16.6	370	26.3	3.3	0.001	0.02	1.23	2.9	0.6	0.2	64.3	<0.01	0.02	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2- SEP- 2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5	Ag- OG46 Ag ppm 1	Zn- OG46 Zn % 0.001	Pb- OG46 Pb % 0.001
ZZ81041		<0.005	0.12	0.73	41	0.09	4.66	78	2.1			
ZZ81042		0.016	0.15	1.21	45	0.18	12.60	89	1.5			
ZZ81043		0.015	0.15	1.04	45	0.17	7.15	141	1.2			
ZZ81044		0.005	0.15	1.36	33	0.05	9.76	101	1.7			
ZZ81045		0.031	0.10	0.37	59	0.29	1.86	35	0.8			
ZZ81046		0.024	0.12	0.40	60	0.25	2.04	40	1.3			
ZZ81047		0.022	0.12	0.40	60	0.25	1.91	43	1.6			
ZZ81048		0.010	0.09	1.15	24	0.06	7.68	80	1.6			
ZZ81049		0.020	0.15	0.91	55	0.22	7.84	78	0.9			
ZZ81050		0.007	0.10	2.25	38	0.06	19.20	90	0.9			
ZZ81051		0.020	0.15	0.64	63	0.22	5.01	73	1.7			
ZZ81052		0.007	0.38	2.18	140	0.18	14.25	343	4.0			
ZZ81053		0.007	0.26	1.96	107	0.12	10.90	256	2.6			
ZZ81054		0.006	0.33	3.06	128	0.15	13.55	275	3.6			
ZZ81055		0.020	0.16	0.96	63	0.19	5.36	139	1.1			
ZZ81056		0.012	0.12	0.64	60	0.14	10.10	73	2.2			
ZZ81057		0.008	0.23	1.51	42	0.12	11.20	214	1.8			
ZZ81058		0.008	0.20	1.57	35	0.12	10.20	182	1.8			
ZZ81059		0.007	0.18	1.12	32	0.07	9.71	167	1.9			
ZZ81060		0.006	0.20	1.07	27	0.06	9.60	164	1.6			
ZZ81061		0.006	0.14	0.66	16	0.07	9.16	128	1.5			
ZZ81062		0.006	0.14	0.70	15	0.14	8.47	121	1.3			
ZZ81063		<0.005	0.10	0.59	11	<0.05	6.28	111	1.3			
ZZ81064		0.005	0.10	0.58	13	<0.05	7.28	101	1.5			
ZZ81065		0.005	0.12	0.62	14	<0.05	7.34	141	1.5			
ZZ81066		<0.005	0.09	1.09	18	<0.05	9.42	158	1.4			
ZZ81067		0.032	0.17	0.61	62	0.22	2.87	130	1.1			
ZZ81068		0.025	0.15	0.71	59	0.20	5.29	69	1.6			
ZZ81069		0.011	0.19	1.12	72	0.18	10.90	121	2.5			
ZZ81070		0.023	0.18	1.08	54	0.21	7.03	103	1.5			
ZZ81071		0.016	0.12	0.81	44	0.15	11.75	107	1.5			
ZZ81072		0.017	0.17	0.79	76	0.17	23.5	111	3.6			
ZZ81073		0.014	0.11	0.33	44	0.13	2.03	123	1.1			
ZZ81501		0.016	0.14	1.31	56	0.17	9.66	94	1.2			
ZZ81502		0.019	0.15	0.73	61	0.37	8.33	65	1.2			
ZZ81503		0.010	0.07	2.97	14	<0.05	5.17	59	1.1			
ZZ81504		0.008	0.07	2.95	9	<0.05	2.64	105	2.2			
ZZ81505		0.005	0.16	2.45	38	<0.05	8.03	157	1.4			
ZZ81506		0.006	0.11	0.56	16	0.05	8.00	121	1.5			
ZZ81507		<0.005	0.09	0.57	13	<0.05	7.00	111	1.4			

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Finalized Date: 2- SEP- 2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81508		0.38	<0.001	0.17	0.54	14.8	<0.2	<10	170	0.64	0.18	9.53	0.45	15.50	10.4	9
ZZ81509		0.38	0.002	0.14	0.52	10	<0.2	<10	180	0.62	0.17	10.20	0.38	14.60	9.3	8
ZZ81510		0.42	0.001	0.12	0.46	9	<0.2	<10	180	0.57	0.15	10.55	0.35	13.70	8.7	7
ZZ81511		0.33	0.003	0.12	0.43	13.5	<0.2	<10	140	0.54	0.15	9.99	0.38	13.25	9.8	7
ZZ81512		0.42	0.002	0.14	0.46	14.1	<0.2	<10	170	0.62	0.16	9.82	0.41	14.20	9.4	7
ZZ81513		0.37	0.003	0.15	0.45	13.8	<0.2	<10	150	0.50	0.16	9.46	0.42	13.60	9.3	7
ZZ81514		0.38	0.002	0.14	0.47	12.5	<0.2	<10	150	0.51	0.16	9.74	0.43	13.85	9.2	8
ZZ81515		0.40	<0.001	0.11	0.41	9	<0.2	<10	160	0.48	0.14	10.15	0.38	11.35	8.8	6
ZZ81516		0.25	0.003	0.15	0.41	12	<0.2	<10	140	0.56	0.13	10.05	0.39	11.05	8.0	7
ZZ81517		0.45	0.003	0.12	0.41	10	<0.2	<10	130	0.50	0.13	10.35	0.44	8.51	8.3	7
ZZ81518		0.35	0.001	0.11	0.39	6	<0.2	<10	120	0.52	0.12	10.45	0.38	8.18	8.3	6
ZZ81519		0.46	<0.001	0.10	0.38	12	<0.2	<10	100	0.50	0.13	10.65	0.36	7.53	8.7	6
ZZ81520		0.19	0.019	0.06	1.43	14.9	<0.2	<10	360	1.25	0.27	1.95	0.51	28.4	15.2	17
ZZ81521		0.27	0.001	0.08	1.82	10.2	<0.2	<10	270	0.85	0.20	1.01	0.14	24.8	8.9	29
ZZ81522		0.26	<0.001	0.02	1.41	9.7	<0.2	<10	150	0.45	0.22	0.23	0.17	21.0	5.5	23
ZZ81523		0.23	0.002	0.25	1.22	7.2	<0.2	<10	340	0.54	0.16	1.77	0.69	18.65	6.8	20
ZZ81524		0.12	0.001	0.23	0.78	13.3	<0.2	<10	370	0.66	0.14	2.65	0.94	15.25	8.0	17
ZZ81525		0.23	0.002	0.28	1.01	28.6	<0.2	<10	420	0.94	0.18	1.44	1.56	25.4	10.4	26
ZZ81526		0.65	0.003	0.27	0.68	16.2	<0.2	<10	240	0.64	0.15	5.86	0.91	22.8	9.7	18
ZZ81527		0.29	<0.001	0.17	0.54	13.0	<0.2	<10	360	0.50	0.11	6.53	0.77	16.65	7.3	15
ZZ81528		0.19	0.003	0.20	0.67	13.5	<0.2	<10	500	0.48	0.12	2.80	0.83	16.55	7.9	18
ZZ81529		0.32	0.001	0.20	0.56	12.6	<0.2	<10	360	0.56	0.12	5.34	0.85	17.45	8.2	17
ZZ81530		0.27	0.001	0.23	0.48	12.5	<0.2	<10	310	0.45	0.10	9.63	0.90	15.40	7.1	15
ZZ81531		0.27	0.009	0.25	1.29	90.5	<0.2	<10	690	0.73	0.20	1.58	1.44	27.8	12.6	25
ZZ81532		0.17	0.001	0.23	0.73	15.8	<0.2	10	660	0.50	0.11	3.36	1.00	14.50	7.8	19
ZZ81533		0.14	0.001	0.19	0.83	13.3	<0.2	<10	580	0.62	0.12	3.74	1.89	16.15	5.2	16
ZZ81534		0.22	<0.001	0.16	0.59	11.0	<0.2	<10	520	0.39	0.10	7.54	0.93	14.80	5.5	15
ZZ81535		0.20	0.002	0.20	0.91	11.0	<0.2	<10	460	0.50	0.13	4.69	1.08	18.05	7.4	19
ZZ81536		0.30	0.001	0.08	1.66	13.2	<0.2	<10	370	0.85	0.18	1.78	1.19	32.9	8.4	30
ZZ81537		0.42	0.001	0.07	0.92	8	<0.2	<10	210	0.38	0.10	10.65	0.37	14.20	8.4	16
ZZ81538		0.25	0.003	0.34	0.71	16.5	<0.2	<10	630	0.54	0.13	5.39	1.49	17.55	10.9	34
ZZ81539		0.18	0.002	0.35	0.81	16.2	<0.2	<10	610	0.60	0.15	6.03	1.43	19.00	11.3	30
ZZ81540		0.27	0.001	0.27	0.66	15.6	<0.2	<10	590	0.46	0.13	6.20	1.31	17.25	10.8	36
ZZ81541		0.29	0.003	0.46	0.84	27.7	<0.2	10	570	0.57	0.16	4.71	1.53	20.5	12.1	32
ZZ81542		0.22	0.005	0.34	0.74	16.3	<0.2	<10	590	0.51	0.14	5.44	1.56	19.35	11.2	37
ZZ81543		0.27	0.005	0.23	0.71	18.0	<0.2	<10	530	0.45	0.14	5.84	1.26	18.75	11.1	35
ZZ81544		0.45	0.002	0.29	0.69	15.6	<0.2	<10	570	0.46	0.12	6.22	1.12	18.05	10.5	35
ZZ81545		0.35	0.002	0.39	0.76	15.0	<0.2	<10	580	0.67	0.15	5.46	1.55	19.30	11.9	35
ZZ81546		0.36	0.003	0.38	0.77	17.1	<0.2	<10	580	0.61	0.14	5.21	1.34	18.75	11.5	38
ZZ81547		0.35	0.004	0.38	0.80	17.8	<0.2	<10	610	0.60	0.16	5.86	1.43	19.20	10.7	38

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ81508		1.28	24.1	2.48	1.51	<0.05	0.04	0.12	0.025	0.05	7.1	8.1	4.84	813	1.18	0.02
ZZ81509		1.31	21.3	2.31	1.49	<0.05	0.03	0.10	0.024	0.06	6.9	7.8	5.22	651	1.03	0.02
ZZ81510		1.10	19.6	2.15	1.34	<0.05	0.03	0.12	0.024	0.05	6.3	7.4	5.31	597	1.02	0.01
ZZ81511		1.09	21.5	2.26	1.32	<0.05	0.04	0.11	0.026	0.05	5.3	8.5	5.13	648	0.98	0.01
ZZ81512		1.14	21.1	2.36	1.38	<0.05	0.04	0.13	0.024	0.05	5.8	8.1	5.11	669	1.00	0.01
ZZ81513		1.10	20.9	2.33	1.36	<0.05	0.04	0.11	0.022	0.05	5.4	7.9	4.92	655	1.09	0.01
ZZ81514		1.16	20.7	2.25	1.38	<0.05	0.04	0.10	0.023	0.06	5.6	8.2	4.96	699	0.93	0.01
ZZ81515		1.02	18.5	2.19	1.23	<0.05	0.04	0.09	0.022	0.04	4.6	8.0	5.02	658	0.89	0.01
ZZ81516		0.97	17.3	2.19	1.25	<0.05	0.04	0.11	0.021	0.05	4.4	7.6	5.10	567	0.81	0.01
ZZ81517		1.08	18.0	2.34	1.15	<0.05	0.04	0.08	0.021	0.06	3.8	8.2	4.82	625	0.83	0.01
ZZ81518		1.05	19.8	2.24	1.15	<0.05	0.04	0.10	0.021	0.05	3.7	8.3	4.68	649	0.81	0.01
ZZ81519		0.91	17.6	2.44	1.13	<0.05	0.06	0.08	0.021	0.04	3.3	8.7	4.79	654	0.72	0.01
ZZ81520		0.66	22.2	4.40	3.84	<0.05	0.08	0.04	0.046	0.10	12.6	15.7	0.98	1760	1.02	0.01
ZZ81521		0.95	12.3	3.45	5.33	<0.05	0.05	0.04	0.034	0.05	14.4	16.1	0.74	601	0.85	0.01
ZZ81522		1.12	8.9	2.96	5.16	<0.05	0.05	0.02	0.026	0.06	11.3	18.8	0.41	254	1.08	0.01
ZZ81523		0.83	18.4	2.29	3.62	<0.05	0.04	0.07	0.022	0.05	8.3	10.7	0.47	422	0.57	0.01
ZZ81524		0.62	25.5	2.25	2.01	<0.05	0.05	0.12	0.015	0.07	6.8	6.8	0.51	468	1.96	0.01
ZZ81525		0.83	39.2	3.30	2.84	<0.05	0.08	0.20	0.023	0.09	14.0	9.8	0.50	299	6.12	0.01
ZZ81526		0.81	27.8	2.51	1.96	<0.05	0.06	0.12	0.021	0.10	12.1	8.1	3.41	344	5.60	0.01
ZZ81527		0.48	16.0	1.79	1.54	<0.05	0.05	0.08	0.015	0.06	7.3	5.7	3.43	458	4.57	0.01
ZZ81528		0.59	18.9	1.87	1.87	<0.05	0.05	0.11	0.020	0.07	7.7	6.6	0.81	419	2.94	0.01
ZZ81529		0.59	21.3	2.02	1.73	<0.05	0.04	0.10	0.018	0.08	7.7	6.3	2.93	377	2.96	0.01
ZZ81530		0.65	19.3	1.76	1.48	<0.05	0.05	0.10	0.017	0.08	7.3	6.0	4.22	344	4.27	0.01
ZZ81531		1.15	58.1	4.84	3.91	0.06	0.05	0.25	0.027	0.12	14.1	12.4	0.72	1080	1.01	0.01
ZZ81532		0.68	30.5	2.52	2.09	<0.05	0.05	0.19	0.017	0.08	6.7	8.0	0.84	564	1.92	0.01
ZZ81533		0.58	25.5	1.79	2.31	0.05	0.04	0.12	0.017	0.04	15.4	7.9	0.60	356	1.08	0.01
ZZ81534		0.50	21.6	1.63	1.49	<0.05	0.03	0.12	0.014	0.04	6.3	7.5	3.60	427	1.18	0.01
ZZ81535		0.45	19.9	2.04	2.51	<0.05	0.03	0.12	0.019	0.04	10.0	10.2	1.74	475	1.02	0.01
ZZ81536		0.68	9.9	2.94	4.53	<0.05	0.03	0.06	0.026	0.05	14.8	13.1	0.92	358	1.49	0.01
ZZ81537		0.54	27.7	2.49	2.82	<0.05	0.06	0.05	0.018	0.04	6.1	18.1	3.70	360	0.73	0.01
ZZ81538		0.97	30.5	2.44	2.09	<0.05	0.06	0.17	0.018	0.06	9.8	12.0	3.31	426	2.36	0.01
ZZ81539		1.30	31.4	2.54	2.38	<0.05	0.06	0.21	0.023	0.08	8.8	14.2	3.09	431	2.19	0.01
ZZ81540		1.09	27.9	2.36	2.02	<0.05	0.05	0.15	0.018	0.07	8.3	12.1	3.64	379	2.26	0.01
ZZ81541		1.26	31.7	3.34	2.60	<0.05	0.07	0.21	0.021	0.08	11.3	14.2	2.83	388	2.65	0.01
ZZ81542		0.99	31.3	2.47	2.25	<0.05	0.05	0.19	0.021	0.07	11.1	12.9	3.26	409	2.10	0.01
ZZ81543		1.09	28.7	2.60	2.16	<0.05	0.05	0.11	0.018	0.07	9.1	14.2	3.74	453	2.47	0.01
ZZ81544		1.07	26.7	2.32	2.16	<0.05	0.05	0.17	0.018	0.06	9.0	12.5	3.90	323	2.27	0.01
ZZ81545		1.03	35.9	2.23	2.33	<0.05	0.06	0.47	0.018	0.08	9.9	13.8	3.47	262	2.05	0.01
ZZ81546		1.02	32.1	2.58	2.28	<0.05	0.06	0.21	0.020	0.07	10.6	13.1	3.46	362	2.41	0.01
ZZ81547		1.02	34.6	2.65	2.35	0.05	0.05	0.20	0.020	0.07	11.1	12.7	3.95	382	2.63	0.01

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Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81508		0.22	19.3	440	31.8	4.3	<0.001	0.02	1.41	3.2	0.8	0.2	60.9	<0.01	0.02	1.8
ZZ81509		0.21	16.6	420	30.9	4.3	<0.001	0.02	1.38	3.0	0.6	0.2	64.7	<0.01	0.02	1.6
ZZ81510		0.19	15.6	360	27.5	3.7	0.001	0.03	1.29	2.8	0.8	0.2	68.7	<0.01	0.02	1.7
ZZ81511		0.11	16.7	360	30.1	3.5	0.001	0.02	1.43	3.0	0.7	0.2	72.4	<0.01	0.02	1.6
ZZ81512		0.12	17.3	400	34.7	3.9	<0.001	0.03	1.45	3.0	0.7	0.2	67.4	<0.01	<0.01	1.5
ZZ81513		0.12	17.1	390	33.4	3.7	<0.001	0.03	1.46	3.0	0.4	0.2	69.6	<0.01	0.01	1.5
ZZ81514		0.16	17.2	430	31.2	3.8	0.001	0.02	1.21	3.1	0.4	0.2	72.6	<0.01	0.04	1.5
ZZ81515		0.11	15.3	340	29.2	3.1	<0.001	0.03	1.14	2.9	0.4	0.2	78.3	<0.01	0.03	1.6
ZZ81516		0.11	14.3	400	30.9	3.3	0.001	0.04	1.28	2.7	0.7	0.2	76.4	<0.01	0.01	1.4
ZZ81517		0.09	14.5	360	28.8	3.5	0.001	0.16	1.21	2.8	0.3	0.2	90.7	<0.01	0.02	1.5
ZZ81518		0.07	14.4	320	25.2	3.0	<0.001	0.15	1.16	2.9	0.6	0.2	94.0	<0.01	0.02	1.5
ZZ81519		<0.05	13.7	290	26.0	2.6	0.001	0.19	1.16	3.0	0.4	<0.2	100.0	<0.01	0.02	1.5
ZZ81520		0.32	19.7	330	51.0	8.0	<0.001	0.03	1.04	6.9	0.7	0.5	30.3	<0.01	0.04	2.9
ZZ81521		0.93	19.9	310	20.4	8.8	<0.001	0.01	0.61	4.9	0.8	0.6	19.7	<0.01	0.02	2.7
ZZ81522		1.01	13.8	190	22.2	12.0	<0.001	<0.01	0.42	2.2	<0.2	0.6	8.0	<0.01	0.03	2.6
ZZ81523		0.75	16.9	1120	13.3	7.7	<0.001	0.07	0.46	2.2	0.7	0.4	29.1	<0.01	0.02	1.0
ZZ81524		0.39	27.3	1060	31.4	6.3	<0.001	0.11	0.84	1.9	0.9	0.3	20.1	<0.01	0.02	0.7
ZZ81525		0.36	40.6	1160	55.9	9.0	0.001	0.08	1.21	3.7	1.7	0.4	19.5	<0.01	0.04	2.0
ZZ81526		0.20	37.0	940	28.1	6.9	0.001	0.02	1.10	3.7	1.1	0.3	55.7	<0.01	0.03	2.6
ZZ81527		0.20	26.1	810	26.3	5.2	0.001	0.05	0.68	1.9	1.0	0.2	46.9	<0.01	0.03	0.9
ZZ81528		0.28	26.0	980	25.4	6.4	0.001	0.08	0.86	2.0	1.1	0.3	28.6	<0.01	0.02	0.8
ZZ81529		0.21	30.4	860	22.6	5.5	<0.001	0.04	1.03	2.5	1.0	0.2	47.4	<0.01	0.04	1.1
ZZ81530		0.19	29.9	820	21.7	4.8	0.001	0.02	1.00	2.6	0.9	0.2	92.1	<0.01	0.02	1.6
ZZ81531		0.73	27.8	1110	36.4	10.4	0.001	0.07	0.88	6.9	2.9	0.4	30.9	<0.01	0.08	2.1
ZZ81532		0.30	36.7	960	19.6	6.3	0.010	0.17	0.95	2.4	6.4	0.2	48.6	<0.01	0.02	0.8
ZZ81533		0.47	20.4	1100	15.0	7.2	0.001	0.10	0.80	2.0	2.5	0.3	63.4	<0.01	0.02	0.3
ZZ81534		0.23	20.1	960	15.0	4.9	0.001	0.09	1.07	1.2	2.4	0.2	84.8	<0.01	0.03	0.2
ZZ81535		0.43	21.6	980	14.6	4.4	<0.001	0.08	0.79	1.4	1.2	0.3	62.9	<0.01	0.03	0.3
ZZ81536		0.74	25.0	750	17.4	8.5	<0.001	0.04	0.67	3.9	0.7	0.5	25.4	<0.01	0.03	1.1
ZZ81537		0.18	21.7	530	10.1	2.6	0.001	0.01	0.44	3.4	0.5	0.2	159.0	<0.01	0.03	1.9
ZZ81538		0.27	75.4	1050	25.4	4.9	0.003	0.04	1.40	2.7	1.4	0.2	68.4	<0.01	0.02	1.6
ZZ81539		0.30	65.7	920	25.1	5.8	0.001	0.05	1.24	3.1	2.1	0.3	84.6	<0.01	0.04	1.9
ZZ81540		0.25	77.5	1120	21.9	5.0	0.002	0.04	1.25	2.6	1.3	0.2	83.9	<0.01	0.04	1.6
ZZ81541		0.35	70.7	1080	26.1	6.1	0.002	0.05	1.48	3.4	1.4	0.3	68.3	<0.01	0.05	2.1
ZZ81542		0.32	78.7	1010	26.1	5.4	0.002	0.04	1.32	3.0	1.4	0.2	71.5	<0.01	0.05	2.0
ZZ81543		0.21	78.2	1060	23.5	4.8	0.003	0.04	1.28	2.9	1.6	0.2	76.8	<0.01	0.06	2.2
ZZ81544		0.27	71.7	1020	22.2	5.0	0.002	0.04	1.21	2.8	0.9	0.2	83.0	<0.01	0.03	1.8
ZZ81545		0.29	78.8	1000	26.9	5.3	0.002	0.07	1.48	3.3	2.0	0.3	70.1	<0.01	0.05	1.9
ZZ81546		0.28	78.0	1060	26.0	5.2	0.003	0.05	1.31	3.0	1.9	0.3	72.6	<0.01	0.05	1.8
ZZ81547		0.23	86.6	1100	26.5	4.8	0.002	0.04	1.57	3.2	1.7	0.2	57.9	<0.01	0.06	1.8

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Finalized Date: 2-SEP-2013
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Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OG46 Ag ppm 1	Zn-OG46 Zn % 0.001	Pb-OG46 Pb % 0.001
ZZ81508		0.006	0.14	0.60	15	<0.05	8.11	135	1.3			
ZZ81509		0.006	0.13	0.66	15	0.05	7.67	122	1.1			
ZZ81510		0.005	0.12	0.65	13	<0.05	6.98	107	1.2			
ZZ81511		<0.005	0.13	0.61	12	<0.05	6.70	110	1.5			
ZZ81512		<0.005	0.13	0.64	13	<0.05	6.77	123	1.4			
ZZ81513		<0.005	0.13	0.65	13	<0.05	6.61	124	1.3			
ZZ81514		0.005	0.13	0.65	14	0.05	6.85	120	1.3			
ZZ81515		<0.005	0.11	0.61	12	<0.05	5.94	105	1.4			
ZZ81516		<0.005	0.10	0.58	12	0.06	5.92	126	1.4			
ZZ81517		<0.005	0.10	0.57	11	<0.05	5.73	124	1.4			
ZZ81518		<0.005	0.10	0.58	10	<0.05	5.65	109	1.7			
ZZ81519		<0.005	0.08	0.56	10	<0.05	5.48	109	2.6			
ZZ81520		0.005	0.12	0.56	34	0.07	15.65	152	2.3			
ZZ81521		0.021	0.13	0.66	53	0.17	9.50	96	1.5			
ZZ81522		0.020	0.11	0.38	48	0.23	1.98	101	1.5			
ZZ81523		0.022	0.06	1.30	33	0.20	5.74	81	1.0			
ZZ81524		0.009	1.02	3.01	28	0.06	7.40	159	2.0			
ZZ81525		0.007	0.84	2.38	44	0.08	14.05	197	2.8			
ZZ81526		0.005	0.33	1.36	29	0.05	12.60	130	2.3			
ZZ81527		0.005	0.28	1.98	25	<0.05	7.93	112	1.6			
ZZ81528		0.007	0.37	1.99	28	0.06	7.88	137	1.7			
ZZ81529		0.006	0.36	1.57	29	<0.05	8.66	115	1.5			
ZZ81530		0.006	0.32	1.52	27	<0.05	8.24	113	1.7			
ZZ81531		0.032	0.14	1.51	43	0.13	14.20	125	1.4			
ZZ81532		0.007	0.21	2.55	29	<0.05	7.93	97	1.8			
ZZ81533		0.013	0.14	1.97	34	0.08	22.2	198	1.2			
ZZ81534		0.007	0.11	2.24	25	0.05	7.24	110	0.8			
ZZ81535		0.013	0.08	1.51	33	0.11	8.55	93	0.7			
ZZ81536		0.016	0.14	1.53	57	0.20	10.40	202	1.0			
ZZ81537		0.006	0.08	0.83	30	<0.05	6.45	77	2.3			
ZZ81538		0.007	0.18	1.47	41	<0.05	9.44	187	1.8			
ZZ81539		0.009	0.24	1.35	37	0.07	9.32	211	2.0			
ZZ81540		0.007	0.20	1.59	36	0.05	9.32	180	1.9			
ZZ81541		0.010	0.24	1.69	43	0.10	10.40	205	2.2			
ZZ81542		0.009	0.19	1.42	41	0.06	9.77	214	1.9			
ZZ81543		0.006	0.18	1.75	36	<0.05	9.53	190	2.1			
ZZ81544		0.008	0.20	1.41	37	0.10	9.34	173	1.7			
ZZ81545		0.008	0.20	1.84	41	<0.05	10.60	202	2.2			
ZZ81546		0.008	0.19	1.88	40	0.07	11.65	194	1.9			
ZZ81547		0.007	0.18	1.55	42	0.06	12.30	200	1.8			

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81548		0.22	0.003	0.40	0.94	16.3	<0.2	<10	610	0.59	0.18	4.73	1.55	19.50	9.2	34
ZZ81549		0.37	0.003	0.27	0.72	14.7	<0.2	<10	560	0.47	0.13	6.94	1.04	17.05	8.7	33
ZZ81550		0.20	0.001	0.42	0.88	14.8	<0.2	<10	510	0.58	0.15	4.16	1.41	18.00	9.7	33
ZZ81551		0.15	0.003	0.48	0.95	17.3	<0.2	<10	560	0.64	0.16	3.72	1.80	18.45	10.2	32
ZZ81552		0.23	0.002	0.12	2.17	13.1	<0.2	<10	340	1.03	0.22	0.93	0.71	36.7	8.5	36
ZZ81553		0.19	<0.001	0.06	1.86	14.1	<0.2	<10	350	0.98	0.20	1.76	0.93	30.7	7.5	32
ZZ81554		0.20	<0.001	0.24	1.07	14.5	<0.2	<10	280	0.76	0.12	7.39	0.61	24.8	5.6	22
ZZ81555		0.27	<0.001	0.11	1.33	13.5	<0.2	<10	290	0.81	0.14	5.26	1.66	30.8	6.6	25
ZZ81556		0.30	<0.001	0.11	2.31	16.3	<0.2	<10	320	1.27	0.24	1.69	0.67	42.7	9.1	39
ZZ81557		0.35	0.001	0.13	1.80	14.7	<0.2	<10	270	0.95	0.17	0.37	0.18	28.3	9.7	33
ZZ81558		0.24	0.001	0.12	1.91	14.9	<0.2	<10	550	0.92	0.21	1.72	1.10	30.1	9.0	36
ZZ81559		0.25	0.001	0.19	1.79	13.2	<0.2	<10	430	0.87	0.19	2.63	0.44	27.7	7.2	34
ZZ81560		0.32	<0.001	0.08	2.05	11.3	<0.2	<10	280	0.93	0.22	0.44	0.30	30.2	8.2	33
ZZ81561		0.16	<0.001	0.18	0.73	3.7	<0.2	<10	420	0.37	0.10	4.98	1.27	11.10	4.1	13
ZZ81562		0.42	<0.001	0.02	1.45	14.1	<0.2	<10	180	0.44	0.21	0.19	0.20	22.7	14.9	30
ZZ81563		0.33	0.002	0.25	1.79	14.2	<0.2	<10	430	0.75	0.23	0.70	0.17	27.8	8.3	31
ZZ81564		0.23	<0.001	0.15	1.40	11.3	<0.2	<10	480	0.75	0.14	4.73	1.08	21.4	5.3	25
ZZ81565		0.17	0.002	0.08	0.42	2.9	<0.2	<10	390	0.42	0.05	9.66	1.36	11.50	2.3	21
ZZ81566		0.21	0.001	0.13	1.38	10.4	<0.2	<10	460	0.64	0.17	2.28	0.37	25.0	6.8	26
ZZ81567		0.28	<0.001	0.07	0.77	8.2	<0.2	<10	170	0.41	0.09	6.52	0.36	9.86	4.1	15
ZZ81568		0.21	<0.001	6.22	0.72	9.6	<0.2	<10	280	0.36	0.10	3.26	0.80	10.60	5.5	14
ZZ81569		0.24	0.001	0.06	0.28	6	<0.2	<10	110	0.28	0.08	16.70	0.30	13.95	4.7	12
ZZ81570		0.16	<0.001	0.06	0.38	12	<0.2	<10	160	0.36	0.09	14.10	0.47	16.15	6.0	16
ZZ81571		0.15	<0.001	0.04	0.32	7	<0.2	<10	150	0.32	0.08	13.85	0.43	15.85	5.6	13
ZZ81572		0.17	<0.001	0.09	1.04	10.8	<0.2	<10	280	0.45	0.14	3.52	0.44	16.60	6.5	22
ZZ81573		0.15	0.002	0.07	0.36	3.1	<0.2	<10	320	0.17	0.05	4.65	0.51	4.12	2.2	6
ZZ86949		0.27	0.003	0.07	1.15	9.4	<0.2	<10	140	0.51	0.20	0.19	0.15	16.15	7.6	15
ZZ86950		0.33	<0.001	1.21	0.36	28.2	<0.2	<10	70	1.99	0.31	2.32	0.53	9.68	20.1	5
ZZ86951		0.25	0.001	0.47	0.35	12.7	<0.2	<10	80	1.73	0.32	3.53	0.17	13.45	14.7	6
ZZ86952		0.29	0.004	3.84	0.60	61.9	<0.2	<10	110	0.48	0.16	8.32	13.85	9.78	11.1	9
ZZ86953		0.33	0.001	0.35	0.53	25.9	<0.2	<10	260	1.54	0.38	0.64	0.27	7.58	16.0	6
ZZ86954		0.24	<0.001	0.22	1.00	11.2	<0.2	<10	170	0.77	0.22	0.41	0.26	16.25	8.7	16
ZZ86955		0.41	0.002	1.40	0.31	35	<0.2	<10	80	0.21	0.04	16.55	4.27	3.81	3.5	3
ZZ86956		0.21	0.002	0.97	0.68	31.6	<0.2	10	180	0.82	0.16	6.65	8.70	13.30	10.1	7
ZZ86957		0.21	0.003	0.31	0.67	10.0	<0.2	10	110	0.79	0.19	4.68	0.74	19.95	9.9	9
ZZ86958		0.39	0.002	1.07	0.28	28	<0.2	<10	40	0.83	0.13	13.80	2.06	16.65	9.0	4
ZZ86959		0.37	0.001	0.85	0.45	21	<0.2	10	40	1.34	0.22	10.55	0.94	21.0	9.7	5
ZZ86960		0.41	0.001	0.51	0.30	12	<0.2	<10	30	1.04	0.21	10.45	1.00	35.5	12.7	6
ZZ86961		0.25	0.002	1.36	0.18	46	<0.2	<10	30	0.93	0.21	12.25	4.22	16.50	14.7	5
ZZ86962		0.17	0.003	0.68	0.94	16.8	<0.2	<10	120	0.92	0.18	6.04	0.96	19.65	10.3	14

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Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81548		1.09	33.1	2.75	2.62	0.05	0.06	0.19	0.023	0.08	11.0	13.5	2.93	317	2.33	0.01
ZZ81549		0.94	25.1	2.46	1.99	0.05	0.04	0.14	0.016	0.06	9.8	11.6	4.07	292	2.11	0.01
ZZ81550		1.18	29.5	2.55	2.58	<0.05	0.06	0.20	0.019	0.07	10.2	13.3	2.52	306	1.81	0.01
ZZ81551		0.99	33.2	2.66	2.71	0.05	0.07	0.27	0.024	0.08	10.4	13.2	1.97	586	2.41	0.01
ZZ81552		0.92	11.0	3.46	5.30	0.05	0.06	0.03	0.034	0.04	18.8	13.6	0.81	288	1.48	0.01
ZZ81553		0.62	8.8	3.36	4.86	0.05	0.06	0.04	0.034	0.04	17.7	11.7	0.93	676	1.63	0.01
ZZ81554		0.50	14.5	2.48	2.60	0.06	0.05	0.09	0.023	0.05	17.7	8.6	3.42	440	1.76	0.01
ZZ81555		0.54	11.4	2.73	2.79	0.05	0.04	0.05	0.025	0.04	20.2	8.7	2.34	709	1.68	0.01
ZZ81556		1.00	12.2	3.58	6.06	0.06	0.07	0.06	0.035	0.05	24.0	14.2	1.12	431	1.83	0.01
ZZ81557		0.91	18.7	3.28	4.70	0.05	0.05	0.08	0.026	0.05	16.7	19.3	0.58	420	1.54	0.01
ZZ81558		1.02	13.0	3.31	4.94	0.05	0.04	0.05	0.031	0.05	17.1	12.4	0.99	984	1.83	0.01
ZZ81559		0.87	12.4	2.88	4.91	0.05	0.05	0.08	0.027	0.05	19.0	13.6	1.37	393	1.51	0.01
ZZ81560		1.11	8.2	3.12	5.96	0.05	0.05	0.04	0.028	0.05	17.6	12.6	0.58	436	0.97	0.01
ZZ81561		0.36	26.0	1.25	2.00	<0.05	0.03	0.09	0.013	0.03	4.8	5.3	0.98	235	0.37	0.01
ZZ81562		0.87	14.9	3.18	4.46	<0.05	<0.02	0.02	0.024	0.06	11.9	17.8	0.51	752	1.53	0.01
ZZ81563		1.07	13.6	2.97	5.16	0.05	0.03	0.06	0.027	0.06	15.2	13.1	0.54	469	1.05	0.01
ZZ81564		0.48	12.8	2.57	3.53	<0.05	0.03	0.08	0.025	0.04	16.1	8.9	2.08	477	1.39	0.01
ZZ81565		0.25	49.1	0.91	1.13	<0.05	0.08	0.31	0.011	0.02	8.3	3.3	4.27	212	0.22	0.01
ZZ81566		0.79	10.9	2.35	3.52	<0.05	0.03	0.06	0.026	0.04	13.2	10.8	0.97	530	1.15	0.01
ZZ81567		0.41	7.2	1.37	2.06	<0.05	0.02	0.07	0.014	0.03	4.6	5.7	3.34	394	0.77	0.01
ZZ81568		0.39	13.5	1.39	2.05	<0.05	0.03	0.25	0.014	0.04	5.0	5.0	0.55	596	1.22	0.01
ZZ81569		0.76	7.8	1.38	0.82	<0.05	0.02	0.05	0.011	0.07	7.6	2.1	8.36	165	1.91	0.02
ZZ81570		0.85	10.6	1.71	1.17	<0.05	0.04	0.07	0.014	0.08	8.5	2.5	6.95	208	2.26	0.01
ZZ81571		0.47	6.6	1.54	0.99	<0.05	0.03	0.05	0.014	0.05	8.0	2.0	6.70	246	1.59	0.01
ZZ81572		0.66	10.0	2.23	2.94	<0.05	0.03	0.06	0.018	0.05	8.6	8.3	1.33	297	1.30	0.01
ZZ81573		0.28	11.2	0.61	1.58	<0.05	0.03	0.06	0.007	0.02	2.2	2.0	0.50	329	0.37	0.01
ZZ86949		1.36	9.5	2.61	3.93	<0.05	0.02	0.03	0.025	0.07	7.6	11.5	0.24	403	1.03	<0.01
ZZ86950		2.14	31.8	3.10	0.94	<0.05	0.07	0.18	0.043	0.09	3.9	2.2	1.04	1040	1.85	0.01
ZZ86951		0.77	29.1	3.73	0.92	<0.05	0.05	0.24	0.031	0.07	5.3	2.6	1.45	615	0.98	0.01
ZZ86952		0.32	20.8	6.45	1.67	<0.05	0.05	0.94	0.048	0.04	3.5	2.9	4.74	5310	1.35	0.01
ZZ86953		3.69	26.7	3.61	1.38	<0.05	0.07	0.11	0.052	0.09	3.0	3.1	0.19	805	1.89	<0.01
ZZ86954		2.48	10.7	2.55	3.05	<0.05	0.03	0.04	0.028	0.12	8.1	7.7	0.29	594	1.01	0.01
ZZ86955		0.24	8.7	3.25	0.76	<0.05	0.03	0.10	0.015	0.02	1.8	1.9	9.43	4500	0.86	0.01
ZZ86956		0.68	24.7	3.70	1.80	<0.05	0.07	0.16	0.038	0.06	6.1	3.0	3.41	5750	0.87	0.01
ZZ86957		0.76	24.0	4.30	1.67	<0.05	0.05	0.19	0.045	0.08	9.9	3.9	1.97	1420	2.08	0.01
ZZ86958		1.67	22.9	2.84	0.82	<0.05	0.03	0.18	0.018	0.08	8.3	2.1	8.32	665	2.64	0.02
ZZ86959		2.40	26.9	3.18	1.18	<0.05	0.04	0.30	0.018	0.16	11.1	3.2	6.28	334	1.83	0.02
ZZ86960		2.96	23.8	2.96	0.94	0.05	0.02	0.21	0.028	0.10	17.9	2.6	6.32	379	1.05	0.01
ZZ86961		3.16	25.0	4.77	0.53	<0.05	0.07	1.05	0.022	0.08	8.3	1.9	7.31	414	0.81	0.01
ZZ86962		0.78	17.7	3.14	2.28	<0.05	0.06	0.12	0.026	0.08	9.3	7.3	3.64	1230	1.31	0.01

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CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81548		0.28	74.1	1040	26.8	5.6	0.003	0.05	1.45	3.2	2.6	0.3	51.8	<0.01	0.04	1.8
ZZ81549		0.19	72.9	1070	19.8	4.3	0.002	0.03	1.18	2.7	1.3	0.2	69.1	<0.01	0.04	1.8
ZZ81550		0.30	74.4	1070	22.8	5.4	0.004	0.09	1.28	3.1	1.9	0.3	54.6	<0.01	0.03	1.9
ZZ81551		0.29	68.6	1130	25.6	5.9	0.005	0.07	1.51	3.0	2.3	0.3	52.1	<0.01	0.05	1.3
ZZ81552		0.86	24.9	310	19.3	6.2	<0.001	0.01	0.71	5.3	0.9	0.5	14.8	<0.01	0.02	3.7
ZZ81553		0.59	21.0	540	21.9	5.2	<0.001	0.03	0.81	4.8	1.0	0.5	20.9	<0.01	0.04	1.7
ZZ81554		0.20	20.0	1340	19.7	5.6	<0.001	0.09	1.01	2.5	1.2	0.2	58.4	<0.01	0.02	0.5
ZZ81555		0.30	20.3	1120	19.0	5.4	0.001	0.06	1.03	2.8	0.9	0.3	48.4	<0.01	0.03	0.5
ZZ81556		0.75	27.3	430	25.1	9.0	0.001	0.02	0.84	5.9	1.3	0.6	19.8	<0.01	0.03	3.2
ZZ81557		0.39	33.1	350	21.6	8.1	<0.001	<0.01	0.92	5.3	0.9	0.4	12.5	<0.01	0.04	3.1
ZZ81558		0.63	34.5	540	22.0	10.5	<0.001	0.02	0.88	4.9	0.8	0.4	22.0	<0.01	0.04	1.7
ZZ81559		0.69	23.5	760	18.0	8.1	<0.001	0.03	0.73	4.1	1.1	0.5	27.4	<0.01	0.02	1.3
ZZ81560		0.94	22.5	260	18.1	9.2	<0.001	0.01	0.57	4.5	0.7	0.5	12.6	<0.01	0.02	3.1
ZZ81561		0.38	16.4	880	8.0	3.5	<0.001	0.12	0.64	1.3	1.3	0.2	55.7	<0.01	<0.01	0.3
ZZ81562		0.67	24.4	600	20.0	10.8	<0.001	<0.01	0.89	2.5	0.6	0.4	12.6	<0.01	0.04	2.3
ZZ81563		0.74	21.3	760	15.3	7.7	<0.001	0.02	0.59	3.5	0.9	0.5	19.5	<0.01	0.03	1.7
ZZ81564		0.38	18.9	1050	18.4	4.7	<0.001	0.07	0.87	2.5	0.8	0.4	45.4	<0.01	0.03	0.5
ZZ81565		0.11	23.9	1210	5.2	2.0	0.001	0.27	0.68	1.9	3.0	<0.2	61.0	<0.01	0.02	0.4
ZZ81566		0.52	18.5	610	17.4	6.3	<0.001	0.04	0.64	3.1	0.7	0.4	27.5	<0.01	0.03	1.1
ZZ81567		0.42	10.3	780	15.5	2.7	<0.001	0.06	0.47	1.2	0.6	0.2	20.2	<0.01	0.02	0.3
ZZ81568		0.42	13.4	1160	17.3	3.7	<0.001	0.16	0.58	1.0	1.0	0.2	19.4	<0.01	0.01	0.3
ZZ81569		0.15	14.2	360	9.4	3.4	0.001	0.04	0.45	2.0	0.5	<0.2	105.5	<0.01	0.01	0.7
ZZ81570		0.22	18.9	510	11.8	4.5	0.001	0.06	0.59	2.3	0.7	0.2	90.0	<0.01	0.02	0.6
ZZ81571		0.20	13.5	520	7.2	2.9	0.001	0.05	0.43	2.0	0.7	0.2	83.1	<0.01	0.01	0.6
ZZ81572		0.61	17.0	590	12.9	5.0	<0.001	0.07	0.55	2.0	0.7	0.3	25.2	<0.01	0.03	0.7
ZZ81573		0.21	8.4	800	3.8	2.0	<0.001	0.18	0.29	0.5	0.7	<0.2	30.0	<0.01	0.01	<0.2
ZZ86949		0.46	13.7	260	18.1	8.1	<0.001	0.02	1.00	1.9	0.4	0.5	9.7	<0.01	0.02	1.7
ZZ86950		0.08	33.5	830	69.8	4.0	<0.001	0.06	6.86	4.2	0.7	0.2	43.2	<0.01	0.02	1.3
ZZ86951		0.05	25.9	920	48.8	3.7	<0.001	0.10	4.55	4.6	0.6	0.2	36.5	<0.01	0.03	1.1
ZZ86952		0.12	29.5	870	1010	2.7	<0.001	0.09	19.25	2.1	1.0	0.3	23.4	<0.01	0.02	0.5
ZZ86953		0.12	21.8	1150	59.5	6.3	<0.001	0.07	2.94	3.9	0.5	0.2	29.9	<0.01	0.02	0.8
ZZ86954		0.57	14.7	410	18.2	9.8	<0.001	0.03	1.29	2.5	0.5	0.4	14.2	<0.01	0.02	1.7
ZZ86955		0.08	9.6	360	351	1.9	<0.001	0.03	9.65	1.0	0.6	<0.2	26.1	<0.01	0.01	0.3
ZZ86956		0.25	19.1	1370	262	5.8	<0.001	0.14	8.41	1.3	0.5	0.2	23.6	0.01	0.02	0.4
ZZ86957		0.26	20.1	1170	37.6	4.9	<0.001	0.11	2.45	2.4	0.8	0.3	19.1	<0.01	0.02	0.5
ZZ86958		0.11	16.8	370	163.0	4.1	<0.001	0.05	6.89	3.3	0.5	0.3	27.5	<0.01	0.02	1.1
ZZ86959		0.11	17.9	340	144.5	7.7	0.001	0.12	3.97	5.2	0.6	0.4	30.3	<0.01	0.02	2.3
ZZ86960		0.13	21.9	330	104.0	5.5	<0.001	0.06	3.21	6.8	0.8	0.4	23.6	<0.01	0.01	2.7
ZZ86961		0.08	26.3	290	309	5.0	<0.001	0.26	5.48	7.6	0.5	0.3	28.8	<0.01	0.01	2.2
ZZ86962		0.40	19.4	640	114.0	6.1	<0.001	0.06	3.21	3.3	0.8	0.3	15.7	<0.01	0.03	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OG46 Ag ppm 1	Zn-OG46 Zn % 0.001	Pb-OG46 Pb % 0.001
ZZ81548		0.008	0.21	1.59	44	0.06	11.20	222	1.9			
ZZ81549		0.007	0.16	1.43	36	0.06	10.05	170	1.4			
ZZ81550		0.008	0.22	1.53	42	0.06	10.35	209	2.0			
ZZ81551		0.007	0.25	1.98	47	0.05	11.25	226	2.2			
ZZ81552		0.015	0.15	0.88	72	0.17	13.45	132	2.0			
ZZ81553		0.012	0.15	1.15	70	0.13	15.10	162	1.6			
ZZ81554		<0.005	0.13	1.52	46	0.06	22.1	80	1.3			
ZZ81555		0.007	0.13	1.74	52	0.13	20.3	142	1.0			
ZZ81556		0.015	0.19	1.08	77	0.20	19.50	125	1.8			
ZZ81557		0.011	0.18	0.88	62	0.14	13.45	121	1.7			
ZZ81558		0.014	0.17	1.05	72	0.16	13.80	135	1.0			
ZZ81559		0.017	0.15	1.32	64	0.21	15.85	108	1.2			
ZZ81560		0.028	0.17	1.35	65	0.28	10.35	113	1.4			
ZZ81561		0.016	0.05	2.24	22	0.05	4.64	66	1.0			
ZZ81562		0.024	0.13	0.53	52	0.18	3.20	114	<0.5			
ZZ81563		0.026	0.15	1.79	57	0.21	9.58	114	0.8			
ZZ81564		0.009	0.11	1.16	53	0.12	15.80	88	0.9			
ZZ81565		0.005	0.06	4.61	20	<0.05	11.90	17	3.3			
ZZ81566		0.012	0.14	1.28	48	0.11	10.50	154	0.9			
ZZ81567		0.012	0.20	1.40	34	0.09	3.47	71	0.6			
ZZ81568		0.012	0.23	1.95	31	0.08	3.85	129	0.9			
ZZ81569		0.005	0.27	0.87	14	<0.05	4.80	70	0.7			
ZZ81570		0.005	0.95	1.33	19	<0.05	5.57	109	0.9			
ZZ81571		0.005	0.21	1.07	16	<0.05	4.84	77	0.8			
ZZ81572		0.018	0.33	2.01	37	0.12	4.30	100	0.9			
ZZ81573		0.008	0.09	4.97	11	<0.05	2.04	73	0.9			
ZZ86949		0.009	0.08	0.33	32	0.12	2.04	62	0.6			
ZZ86950		<0.005	0.17	0.71	13	<0.05	12.30	162	2.3			
ZZ86951		<0.005	0.08	0.59	11	<0.05	13.50	22	1.5			
ZZ86952		0.008	0.30	0.54	20	0.10	10.00	3600	1.4			
ZZ86953		<0.005	0.08	0.82	17	<0.05	9.25	71	1.9			
ZZ86954		0.018	0.10	0.48	32	0.15	4.13	71	0.9			
ZZ86955		0.005	0.12	0.29	7	0.09	4.34	1050	0.9			
ZZ86956		0.009	0.10	0.65	16	0.08	9.54	1270	1.8			
ZZ86957		0.008	0.10	0.52	23	0.07	12.75	212	1.4			
ZZ86958		<0.005	0.16	0.96	13	<0.05	7.15	625	1.1			
ZZ86959		<0.005	0.24	0.84	15	<0.05	8.91	396	1.5			
ZZ86960		<0.005	0.16	0.62	15	<0.05	12.25	366	0.9			
ZZ86961		<0.005	0.24	0.59	11	0.09	9.76	1490	3.7			
ZZ86962		0.012	0.10	0.94	30	0.11	10.20	316	1.4			

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86963		0.25	0.002	0.70	0.78	19.5	<0.2	<10	100	0.91	0.18	6.34	1.55	15.95	9.8	12
ZZ86964		0.20	0.002	2.27	0.23	10	<0.2	<10	30	0.25	0.03	17.05	3.15	3.37	2.2	3
ZZ86965		0.27	0.002	0.59	1.23	17.5	<0.2	10	130	1.12	0.24	3.83	1.55	26.3	10.9	17
ZZ86966		0.36	0.008	5.19	0.45	15	<0.2	<10	60	0.34	0.06	15.70	3.85	5.38	3.3	5
ZZ86967		0.21	0.012	1.54	0.52	6	<0.2	<10	80	0.35	0.07	14.40	2.19	7.53	3.7	6
ZZ86968		0.34	0.001	0.44	0.35	5	<0.2	<10	60	0.30	0.06	15.55	0.78	5.56	3.1	4
ZZ86969		0.16	0.002	1.24	0.87	14.3	<0.2	10	130	0.64	0.13	9.09	2.62	12.95	6.7	11
ZZ86970		0.22	0.003	3.12	0.81	31	<0.2	<10	90	0.87	0.12	11.50	5.29	13.40	9.8	10
ZZ86971		0.19	0.006	5.79	1.49	84.2	<0.2	<10	330	1.16	0.23	1.56	9.01	21.6	14.1	20
ZZ86972		0.23	0.001	0.58	1.67	17.8	<0.2	<10	150	0.86	0.23	3.01	4.10	25.9	11.7	22
ZZ86973		0.22	0.002	1.45	0.99	18.2	<0.2	<10	90	0.57	0.15	9.14	2.55	15.35	6.9	15
ZZ86974		0.26	0.003	0.86	0.58	13	<0.2	<10	60	0.64	0.10	12.95	1.51	10.90	5.4	7
ZZ86975		0.32	0.002	0.62	0.56	13	<0.2	<10	70	0.72	0.17	11.40	0.64	18.75	9.0	8
ZZ86976		0.32	0.001	1.16	0.40	9	<0.2	<10	50	0.37	0.07	15.35	0.89	7.98	3.7	5
ZZ86977		0.27	0.002	0.84	0.46	8	<0.2	<10	50	0.43	0.09	13.70	1.02	11.20	4.8	6
ZZ86978		0.43	0.003	0.54	0.84	19.2	<0.2	<10	110	0.87	0.20	6.77	0.82	20.9	11.3	12
ZZ86979		0.50	0.003	0.32	0.34	9	<0.2	<10	30	0.61	0.11	14.65	0.40	18.85	6.6	5
ZZ86980		0.21	0.004	0.28	0.67	7.8	<0.2	<10	150	0.63	0.13	6.53	1.04	8.17	5.4	7
ZZ86981		0.30	0.002	0.31	1.09	15.4	<0.2	<10	190	1.03	0.26	0.85	0.44	18.60	12.4	16
ZZ86982		0.19	0.001	0.12	0.85	18.6	<0.2	<10	1010	0.61	0.16	4.68	0.55	19.90	10.1	18
ZZ86983		0.32	0.003	0.19	0.80	8.9	<0.2	<10	1640	0.68	0.14	3.13	0.38	14.45	6.1	18
ZZ86984		0.19	0.002	0.17	0.55	4.0	<0.2	10	820	0.46	0.09	5.77	0.70	8.42	4.7	13
ZZ86985		0.21	0.002	0.18	0.73	8.0	<0.2	10	790	0.82	0.13	5.47	0.62	12.70	7.7	20
ZZ86986		0.39	0.003	0.28	1.07	15.7	<0.2	<10	580	0.70	0.19	3.40	0.70	22.3	10.3	23
ZZ86987		0.35	0.003	0.21	1.08	14.4	<0.2	<10	470	0.78	0.19	2.60	0.48	20.9	10.6	21
ZZ86988		0.17	0.003	0.28	1.04	14.7	<0.2	<10	540	0.72	0.19	1.46	1.02	21.3	10.6	25
ZZ86989		0.18	0.017	0.24	0.74	10.6	<0.2	<10	740	0.53	0.12	2.46	0.78	12.75	6.8	17
ZZ86990		0.14	0.002	0.16	1.25	8.4	<0.2	<10	410	0.92	0.20	1.71	0.55	18.25	10.0	21

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2- SEP- 2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86963		1.03	22.0	3.31	1.96	<0.05	0.06	0.15	0.022	0.08	7.8	6.1	4.17	931	1.64	0.01
ZZ86964		0.17	6.5	1.03	0.50	<0.05	0.02	0.14	0.008	0.02	1.5	1.4	10.15	1640	0.51	0.02
ZZ86965		1.06	20.6	4.01	3.10	<0.05	0.07	0.10	0.034	0.11	11.5	7.5	2.35	2030	1.12	0.01
ZZ86966		0.32	7.5	1.71	1.06	<0.05	0.03	0.15	0.013	0.03	2.4	3.1	9.47	1850	0.43	0.02
ZZ86967		0.35	8.4	1.54	1.23	<0.05	0.03	0.09	0.015	0.03	3.4	3.3	8.81	1860	0.57	0.02
ZZ86968		0.27	6.8	1.27	0.87	<0.05	0.03	0.04	0.012	0.03	2.5	2.9	9.23	1240	0.40	0.02
ZZ86969		0.47	14.7	2.87	2.03	<0.05	0.04	0.19	0.022	0.05	6.2	6.1	5.34	2410	0.97	0.02
ZZ86970		0.52	12.0	3.33	1.97	<0.05	0.05	0.52	0.023	0.05	6.4	6.1	7.08	2440	0.85	0.01
ZZ86971		0.74	25.0	7.26	3.63	0.05	0.07	0.83	0.050	0.05	10.4	7.2	0.60	9080	1.74	0.01
ZZ86972		0.88	13.3	4.48	4.23	<0.05	0.03	0.94	0.041	0.05	10.0	11.4	1.72	3930	1.10	0.01
ZZ86973		0.65	12.2	2.53	2.46	<0.05	0.03	0.17	0.023	0.04	7.3	7.9	5.71	1950	0.69	0.02
ZZ86974		0.60	12.6	2.13	1.37	<0.05	0.05	0.18	0.022	0.05	4.8	4.7	7.99	1380	0.70	0.02
ZZ86975		0.96	20.7	2.37	1.53	<0.05	0.05	0.17	0.021	0.09	9.2	6.5	7.02	665	1.09	0.02
ZZ86976		0.45	11.1	1.43	0.98	<0.05	0.03	0.08	0.014	0.03	3.7	3.9	9.16	1300	0.51	0.02
ZZ86977		0.70	10.7	1.78	1.16	<0.05	0.03	0.14	0.014	0.05	4.8	4.2	8.45	840	0.63	0.02
ZZ86978		1.80	26.4	3.46	2.25	<0.05	0.06	0.31	0.028	0.10	10.5	8.0	4.55	779	1.56	0.01
ZZ86979		1.33	15.8	1.83	0.92	<0.05	0.03	0.14	0.019	0.09	9.4	3.3	8.71	476	1.31	0.02
ZZ86980		0.52	14.3	2.14	1.65	<0.05	0.04	0.10	0.022	0.05	3.9	3.8	3.54	1430	0.59	0.01
ZZ86981		1.10	26.4	3.56	2.86	<0.05	0.07	0.09	0.041	0.08	9.5	10.2	0.38	1010	1.22	0.01
ZZ86982		0.40	15.5	2.69	2.38	<0.05	0.04	0.05	0.021	0.05	8.5	8.3	2.15	840	18.50	0.01
ZZ86983		0.34	11.9	1.99	2.13	<0.05	0.04	0.06	0.017	0.04	7.3	7.3	1.13	352	0.55	<0.01
ZZ86984		0.33	11.7	1.10	1.36	<0.05	0.03	0.08	0.011	0.03	4.1	5.1	2.19	431	0.88	0.01
ZZ86985		0.76	18.3	1.84	1.82	<0.05	0.04	0.09	0.015	0.06	6.5	6.9	2.22	582	1.27	0.01
ZZ86986		0.76	25.6	2.65	2.83	<0.05	0.05	0.11	0.024	0.09	12.0	11.5	1.92	447	1.79	0.01
ZZ86987		0.81	22.7	3.18	2.92	<0.05	0.05	0.10	0.029	0.08	10.7	12.8	1.48	820	1.42	0.01
ZZ86988		0.81	24.6	2.41	2.81	<0.05	0.07	0.12	0.023	0.10	10.6	13.7	0.49	337	1.08	0.01
ZZ86989		0.55	20.0	1.66	1.92	<0.05	0.06	0.10	0.016	0.06	6.5	8.3	0.46	529	0.50	0.01
ZZ86990		0.83	18.3	3.08	3.38	<0.05	0.04	0.09	0.034	0.05	10.2	13.4	0.47	1180	1.64	0.01

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Finalized Date: 2-SEP-2013
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CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86963		0.33	19.9	560	118.5	5.9	<0.001	0.05	5.56	3.6	0.6	0.3	16.4	<0.01	0.02	1.0
ZZ86964		0.12	4.1	850	786	1.4	<0.001	0.07	19.95	0.3	0.4	<0.2	21.6	<0.01	0.01	<0.2
ZZ86965		0.42	20.3	700	127.0	9.0	<0.001	0.04	4.20	4.1	0.8	0.5	12.9	<0.01	0.03	1.4
ZZ86966		0.18	6.3	540	2110	3.2	<0.001	0.07	9.10	0.7	0.2	<0.2	23.2	<0.01	0.02	0.2
ZZ86967		0.22	6.8	990	643	4.1	<0.001	0.06	3.37	0.6	0.4	<0.2	22.5	<0.01	0.02	0.2
ZZ86968		0.17	5.6	710	129.0	3.2	<0.001	0.03	1.53	0.6	0.2	<0.2	23.4	<0.01	0.01	0.2
ZZ86969		0.31	13.3	1190	301	5.0	<0.001	0.11	4.42	1.2	0.6	0.2	19.3	<0.01	0.03	0.4
ZZ86970		0.29	17.6	800	588	4.7	<0.001	0.04	41.8	2.0	0.6	0.2	27.2	<0.01	0.03	0.6
ZZ86971		0.32	26.6	1970	1845	8.1	<0.001	0.16	19.20	2.0	1.0	0.3	13.9	0.01	0.04	0.6
ZZ86972		0.55	17.8	1150	194.0	7.3	<0.001	0.11	6.99	2.1	0.6	0.4	12.6	<0.01	0.04	0.6
ZZ86973		0.39	13.6	860	503	6.2	<0.001	0.06	12.80	1.4	0.6	0.3	19.1	<0.01	0.03	0.5
ZZ86974		0.19	11.4	670	265	4.1	<0.001	0.03	18.90	1.8	0.5	0.2	21.5	<0.01	0.03	0.5
ZZ86975		0.22	17.4	400	89.3	4.9	<0.001	0.02	3.70	4.1	0.6	0.3	27.3	<0.01	0.03	2.2
ZZ86976		0.18	8.0	450	332	3.3	<0.001	0.03	9.15	1.1	0.5	<0.2	27.0	<0.01	0.02	0.4
ZZ86977		0.21	9.7	560	182.0	4.0	<0.001	0.04	9.17	1.4	0.4	0.2	21.9	<0.01	0.02	0.4
ZZ86978		0.31	21.9	520	81.8	7.3	<0.001	0.04	3.04	4.1	0.8	0.4	17.9	<0.01	0.03	1.3
ZZ86979		0.12	12.3	290	36.9	4.6	<0.001	0.02	2.27	3.4	0.6	0.2	25.3	<0.01	0.01	1.3
ZZ86980		0.25	9.8	1110	30.1	4.9	0.001	0.15	1.80	1.2	0.7	0.2	21.7	<0.01	0.03	0.3
ZZ86981		0.38	22.2	620	48.5	7.3	<0.001	0.06	1.64	4.2	0.8	0.4	16.3	<0.01	0.02	1.3
ZZ86982		0.50	22.7	940	37.3	4.8	<0.001	0.07	1.14	1.7	0.6	0.3	36.7	<0.01	0.04	0.7
ZZ86983		0.52	14.2	690	18.4	5.3	<0.001	0.07	0.53	1.8	0.9	0.3	35.3	<0.01	0.03	0.8
ZZ86984		0.33	12.9	1080	11.1	4.8	<0.001	0.12	0.60	0.7	0.7	0.2	38.7	<0.01	0.03	0.2
ZZ86985		0.39	19.9	1300	18.4	6.0	0.001	0.11	0.80	1.4	1.7	0.2	45.7	<0.01	0.04	0.5
ZZ86986		0.48	36.2	870	25.0	7.3	<0.001	0.03	0.90	2.9	1.1	0.3	26.5	<0.01	0.03	1.3
ZZ86987		0.49	32.2	640	26.0	6.6	<0.001	0.03	0.89	3.2	0.7	0.3	25.5	<0.01	0.04	1.6
ZZ86988		0.55	29.2	970	26.0	9.1	0.001	0.11	0.87	3.2	1.7	0.3	25.1	<0.01	0.04	2.1
ZZ86989		0.42	22.9	770	15.7	5.0	0.001	0.18	0.84	1.8	1.1	0.3	51.6	<0.01	0.03	0.8
ZZ86990		0.61	23.2	680	16.8	6.3	<0.001	0.07	0.60	2.7	0.8	0.3	28.3	<0.01	0.04	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OG46 Ag ppm 1	Zn-OG46 Zn % 0.001	Pb-OG46 Pb % 0.001
ZZ86963		0.008	0.19	0.58	26	0.11	8.06	330	1.7			
ZZ86964		<0.005	0.06	0.67	7	0.06	2.73	639	0.7			
ZZ86965		0.012	0.14	0.52	36	0.12	11.05	339	1.7			
ZZ86966		0.008	0.06	0.35	12	0.08	3.18	955	1.0			
ZZ86967		0.009	0.05	0.54	13	0.07	4.23	323	0.8			
ZZ86968		0.006	0.04	0.40	9	0.05	3.52	268	0.8			
ZZ86969		0.013	0.10	0.79	23	0.11	7.90	637	1.2			
ZZ86970		0.010	0.11	0.72	21	0.15	8.99	1080	1.4			
ZZ86971		0.014	0.14	0.93	34	0.36	13.45	2080	1.6			
ZZ86972		0.023	0.12	0.89	44	0.13	10.05	909	0.8			
ZZ86973		0.017	0.09	0.59	27	0.12	6.91	662	0.7			
ZZ86974		0.006	0.07	0.48	15	0.07	7.31	434	1.2			
ZZ86975		0.006	0.10	0.57	16	0.06	9.76	171	1.9			
ZZ86976		0.007	0.06	0.49	11	0.05	4.83	216	0.8			
ZZ86977		0.007	0.09	0.65	16	0.09	5.74	234	0.7			
ZZ86978		0.008	0.19	0.75	24	0.07	11.45	284	1.3			
ZZ86979		<0.005	0.11	0.81	13	<0.05	9.06	136	1.0			
ZZ86980		0.008	0.06	0.65	14	0.05	6.19	176	1.2			
ZZ86981		0.008	0.11	0.70	28	0.10	11.80	146	1.7			
ZZ86982		0.012	0.13	2.31	39	0.09	6.32	106	1.2			
ZZ86983		0.011	0.06	0.85	34	0.08	6.16	52	1.2			
ZZ86984		0.008	0.07	0.83	23	<0.05	4.76	122	0.9			
ZZ86985		0.009	0.13	1.04	28	0.05	9.02	106	1.4			
ZZ86986		0.012	0.16	1.08	43	0.12	11.10	115	1.4			
ZZ86987		0.015	0.14	0.94	38	0.09	10.75	88	1.5			
ZZ86988		0.011	0.16	1.31	51	0.13	9.71	148	2.5			
ZZ86989		0.008	0.10	3.15	34	0.10	6.89	86	2.0			
ZZ86990		0.014	0.08	1.14	38	0.09	11.05	69	1.2			

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146492

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Ag-OG46 Au-ICP21 ME-MS41 ME-OG46 Pb-OG46 Zn-OG46

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

CERTIFICATE WH13146493

Project: Rackla
P.O. No.: S13-R4
This report is for 146 Soil samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method / Analyte / Units / LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86498		0.38	<0.001	0.09	1.26	10.5	<0.2	<10	130	0.77	0.25	0.14	0.29	23.2	10.8	16
ZZ86499		0.19	0.001	0.81	0.70	30.3	<0.2	10	100	2.30	0.28	2.55	0.28	11.15	19.7	9
ZZ86500		0.29	0.001	0.51	0.52	27.7	<0.2	<10	80	2.58	0.37	1.52	0.11	11.85	15.6	8
ZZ85787		0.33	0.001	0.21	0.94	15.2	<0.2	<10	140	1.27	0.29	1.99	0.24	26.8	13.5	13
ZZ85788		0.23	0.001	0.10	0.94	13.6	<0.2	10	210	1.55	0.30	1.44	0.29	34.6	13.7	9
ZZ85789		0.38	<0.001	0.17	0.78	17.3	<0.2	<10	190	1.80	0.38	0.84	0.13	27.0	16.5	8
ZZ85790		0.23	0.001	0.14	0.30	14.9	<0.2	<10	40	1.46	0.38	1.26	0.16	17.35	17.3	3
ZZ85791		0.26	0.001	0.35	0.31	12.8	<0.2	<10	250	1.60	0.29	1.98	0.57	6.59	9.8	4
ZZ85792		0.42	<0.001	0.93	0.33	32	<0.2	<10	70	0.16	0.05	11.90	6.68	4.20	3.7	3
ZZ85793		0.36	0.002	4.43	0.46	44	<0.2	<10	70	0.35	0.07	12.55	15.00	6.09	5.4	5
ZZ85794		0.40	0.004	1.32	0.53	22	<0.2	<10	60	0.60	0.16	10.50	2.72	14.65	8.8	8
ZZ85795		0.35	0.001	0.77	0.33	17	<0.2	<10	30	0.90	0.17	13.45	1.29	22.5	8.3	5
ZZ85796		0.42	0.001	0.57	0.60	21.6	<0.2	<10	70	1.17	0.26	6.25	0.56	23.3	12.7	8
ZZ85797		0.31	<0.001	0.76	0.53	19.3	<0.2	<10	70	1.06	0.22	9.04	1.41	31.5	9.7	6
ZZ85798		0.35	0.002	0.52	0.39	26.5	<0.2	<10	80	1.80	0.51	1.00	0.52	12.70	24.1	6
ZZ85799		0.37	0.001	4.14	0.37	51.7	<0.2	<10	130	2.30	0.56	0.47	0.21	10.70	27.1	5
ZZ85800		0.36	0.001	11.65	0.61	335	<0.2	<10	70	2.49	0.43	1.00	8.38	8.64	23.0	7
ZZ85801		0.33	0.001	0.25	1.30	18.0	<0.2	<10	210	1.09	0.28	0.93	0.44	23.9	12.7	17
ZZ85802		0.35	0.001	0.27	1.33	55.7	<0.2	<10	150	1.35	0.27	0.62	0.58	23.2	13.0	16
ZZ85803		0.36	0.002	1.20	0.78	26.9	<0.2	<10	80	1.13	0.38	1.95	0.22	18.30	20.9	10
ZZ85804		0.35	0.001	0.63	0.69	33.3	<0.2	<10	110	1.19	0.38	2.05	0.14	15.65	12.9	9
ZZ85805		0.45	0.001	1.19	0.42	36.8	<0.2	<10	40	1.41	0.37	0.76	1.15	11.60	16.4	6
ZZ85806		0.32	0.003	1.40	0.74	22.5	<0.2	<10	80	0.82	0.16	8.99	1.59	15.40	7.8	10
ZZ85807		0.17	0.001	1.02	0.59	13.4	<0.2	10	130	0.50	0.11	5.62	22.7	8.72	5.5	7
ZZ85808		0.41	0.002	0.23	1.05	16.0	<0.2	<10	130	0.85	0.23	3.41	0.38	24.5	11.5	15
ZZ85809		0.42	0.001	0.32	1.16	18.7	<0.2	<10	150	1.23	0.29	1.69	0.37	25.4	13.9	16
ZZ85810		0.17	0.002	0.40	0.89	9.6	<0.2	<10	130	0.84	0.19	1.46	0.69	15.95	9.0	16
ZZ85811		0.39	0.002	1.45	1.24	21.4	<0.2	<10	150	0.95	0.22	4.65	1.91	25.1	10.8	18
ZZ85812		0.35	0.001	1.56	0.65	10	<0.2	<10	70	0.49	0.10	13.75	2.28	11.60	4.8	8
ZZ85813		0.25	0.001	2.56	2.13	31.2	<0.2	<10	170	1.28	0.28	2.15	5.12	34.3	12.6	26
ZZ85814		0.23	0.002	1.90	1.32	19.3	<0.2	<10	120	0.75	0.18	5.50	3.97	18.30	8.4	16
ZZ85815		0.29	0.001	1.25	0.83	18	<0.2	<10	90	0.65	0.14	10.00	1.96	16.05	7.1	11
ZZ85816		0.31	0.001	0.89	0.75	20.0	<0.2	<10	90	0.77	0.16	9.65	0.99	15.70	7.5	10
ZZ85817		0.43	0.001	0.94	0.25	30	<0.2	<10	30	0.36	0.07	16.75	0.24	8.47	9.0	5
ZZ85818		0.48	0.001	2.05	0.37	15	<0.2	<10	40	0.37	0.07	16.70	2.48	8.78	3.6	6
ZZ85819		0.27	<0.001	0.28	1.27	16.4	<0.2	<10	150	0.87	0.28	1.61	0.76	20.3	9.4	16
ZZ85820		0.44	0.002	0.32	0.50	15.5	<0.2	<10	40	1.38	0.21	9.70	0.30	26.2	9.3	6
ZZ85821		0.13	<0.001	0.15	0.53	6.0	<0.2	<10	70	0.73	0.17	3.86	0.30	13.90	8.4	7
ZZ85822		0.40	0.001	0.39	1.38	20.3	<0.2	<10	220	1.22	0.29	0.62	0.23	20.4	10.6	17
ZZ85823		0.34	0.001	0.41	0.99	19.2	<0.2	<10	220	1.14	0.26	1.03	0.73	16.15	14.3	12

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Project: Rackla

Finalized Date: 1- SEP- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13146493

Sample Description / Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ86498	1.06	14.0	3.06	4.04	<0.05	0.02	0.02	0.035	0.09	10.3	15.7	0.32	724	1.16	0.01
ZZ86499	1.72	41.5	3.42	1.85	<0.05	0.08	0.16	0.049	0.09	4.5	6.3	0.48	859	3.02	0.01
ZZ86500	2.35	38.5	3.56	1.42	0.05	0.05	0.18	0.058	0.07	4.2	5.3	0.49	843	2.04	0.01
ZZ85787	0.94	28.6	3.45	2.79	0.06	0.07	0.10	0.045	0.10	12.8	12.9	1.03	614	1.46	0.01
ZZ85788	0.46	22.2	3.39	2.69	0.05	0.08	0.05	0.046	0.13	15.7	10.5	0.43	859	0.96	0.01
ZZ85789	0.71	35.2	3.44	2.22	0.05	0.07	0.09	0.045	0.11	12.8	10.4	0.43	376	1.54	0.01
ZZ85790	1.56	32.5	2.48	0.82	<0.05	0.06	0.09	0.033	0.09	7.4	2.3	0.23	323	0.84	0.01
ZZ85791	1.25	42.6	2.48	0.78	<0.05	0.11	0.17	0.036	0.06	3.4	2.1	0.40	394	1.05	0.01
ZZ85792	0.21	8.6	3.19	0.81	<0.05	0.03	0.05	0.018	0.02	1.7	1.5	6.71	2950	0.93	0.01
ZZ85793	0.30	13.5	3.45	1.10	<0.05	0.04	0.42	0.018	0.02	2.5	2.4	7.10	2930	1.26	0.01
ZZ85794	0.72	18.5	2.91	1.45	<0.05	0.05	0.28	0.029	0.06	6.5	5.0	5.92	1720	1.15	0.01
ZZ85795	1.54	21.4	2.45	0.98	<0.05	0.04	0.16	0.023	0.11	11.3	3.0	7.57	483	1.82	0.02
ZZ85796	1.14	25.7	3.70	1.82	0.05	0.05	0.21	0.044	0.10	11.6	5.5	3.84	794	3.07	0.01
ZZ85797	0.94	21.6	3.09	1.50	0.05	0.06	0.18	0.029	0.12	15.6	3.4	5.03	1280	1.90	0.02
ZZ85798	3.16	43.6	3.44	1.07	<0.05	0.05	0.24	0.057	0.10	4.8	2.2	0.17	583	1.11	0.01
ZZ85799	4.33	53.3	3.45	1.01	<0.05	0.05	0.48	0.055	0.10	3.7	2.3	0.12	823	1.36	0.01
ZZ85800	0.80	35.2	4.61	2.57	<0.05	0.07	3.29	0.079	0.08	3.5	3.1	0.35	3020	1.89	0.01
ZZ85801	0.81	27.5	3.92	3.53	<0.05	0.09	0.06	0.051	0.11	10.9	14.8	0.48	1120	1.52	0.01
ZZ85802	0.87	27.5	3.53	3.72	0.05	0.09	0.08	0.046	0.14	9.5	12.8	0.34	1330	1.53	<0.01
ZZ85803	1.80	39.4	3.63	2.18	<0.05	0.07	0.12	0.044	0.09	8.7	9.9	1.07	737	1.60	0.01
ZZ85804	1.26	37.4	2.93	2.03	<0.05	0.05	0.09	0.035	0.10	6.8	7.7	0.82	476	1.31	0.01
ZZ85805	1.29	33.9	2.26	1.21	<0.05	0.04	0.19	0.034	0.08	5.3	2.9	0.33	608	0.84	0.01
ZZ85806	1.27	16.9	2.75	1.96	<0.05	0.06	0.21	0.021	0.08	7.0	5.6	5.16	953	1.44	0.02
ZZ85807	0.50	16.1	1.90	1.58	<0.05	0.03	0.19	0.019	0.06	3.6	2.9	2.38	1930	0.77	0.01
ZZ85808	1.06	29.8	2.93	3.06	<0.05	0.07	0.11	0.031	0.10	11.9	13.1	1.58	677	1.45	0.01
ZZ85809	1.51	30.5	3.66	3.16	0.05	0.08	0.10	0.041	0.11	11.9	13.0	0.90	1040	1.49	0.01
ZZ85810	1.89	17.2	2.54	2.55	<0.05	0.05	0.15	0.032	0.06	8.4	9.0	0.46	1060	0.91	0.01
ZZ85811	0.86	15.0	4.17	3.34	0.05	0.04	0.26	0.046	0.05	12.5	8.8	2.87	2530	1.16	0.01
ZZ85812	0.51	8.1	1.77	1.63	<0.05	0.03	0.24	0.023	0.03	4.9	5.5	7.92	1580	0.58	0.02
ZZ85813	1.27	14.7	5.11	5.20	0.05	0.04	0.77	0.054	0.06	16.3	14.6	1.41	3660	1.45	0.01
ZZ85814	0.79	14.5	3.32	3.27	<0.05	0.05	1.12	0.036	0.05	9.0	8.0	3.36	3120	0.96	0.02
ZZ85815	0.79	13.0	2.74	2.09	<0.05	0.04	0.16	0.026	0.06	7.0	6.7	5.83	1620	0.90	0.02
ZZ85816	0.91	18.4	2.72	1.89	<0.05	0.05	0.14	0.028	0.08	7.6	6.1	5.39	1000	1.05	0.02
ZZ85817	1.02	11.7	2.16	0.65	<0.05	0.02	0.28	0.010	0.06	3.8	2.9	9.38	974	0.37	0.03
ZZ85818	0.73	10.8	1.51	1.01	<0.05	0.03	0.34	0.011	0.05	4.0	4.2	9.57	759	0.51	0.02
ZZ85819	1.07	22.4	3.68	3.59	<0.05	0.06	0.08	0.044	0.08	10.5	11.7	0.73	919	1.50	0.01
ZZ85820	0.98	35.7	3.11	1.24	<0.05	0.06	0.22	0.021	0.15	13.8	4.1	5.57	369	2.05	0.01
ZZ85821	0.99	21.6	1.91	1.40	<0.05	0.03	0.11	0.026	0.05	6.4	2.9	1.07	595	1.20	<0.01
ZZ85822	1.76	21.2	3.32	3.96	<0.05	0.05	0.09	0.043	0.08	9.4	11.6	0.34	688	1.37	<0.01
ZZ85823	0.90	23.2	3.81	2.75	<0.05	0.07	0.24	0.064	0.06	7.0	9.1	0.36	1410	1.31	<0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method / Analyte / Units / LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86498		0.43	16.9	190	22.5	10.8	<0.001	0.01	0.77	2.5	<0.2	0.4	8.6	<0.01	0.06	2.3
ZZ86499		0.15	41.1	670	50.8	5.8	0.002	0.06	4.37	5.3	0.6	0.3	49.6	<0.01	0.03	1.5
ZZ86500		0.11	38.7	660	51.0	5.9	<0.001	0.06	2.24	5.6	0.6	0.3	30.2	<0.01	0.03	1.3
ZZ85787		0.26	26.1	370	33.0	6.6	<0.001	0.03	1.42	6.4	0.8	0.4	29.0	<0.01	0.04	3.1
ZZ85788		0.22	18.3	510	26.9	5.5	<0.001	0.05	2.28	6.1	0.5	0.5	16.4	<0.01	0.03	2.1
ZZ85789		0.10	27.1	300	38.3	5.3	<0.001	0.06	2.12	6.4	0.8	0.4	18.5	<0.01	0.02	2.9
ZZ85790		0.06	20.1	500	24.3	5.2	<0.001	0.07	1.41	3.9	0.7	0.2	18.7	<0.01	0.02	1.3
ZZ85791		0.06	26.6	870	31.0	4.5	<0.001	0.13	2.20	2.6	0.7	0.2	38.9	<0.01	0.01	0.7
ZZ85792		0.10	11.1	400	184.0	1.9	<0.001	0.05	3.97	1.0	0.3	<0.2	21.5	<0.01	0.01	0.2
ZZ85793		0.12	14.2	450	818	2.5	<0.001	0.05	10.05	1.5	0.7	<0.2	23.8	<0.01	0.01	0.3
ZZ85794		0.22	20.2	670	203	4.0	<0.001	0.04	5.71	3.0	0.4	0.2	30.0	<0.01	0.01	1.1
ZZ85795		0.09	16.8	410	112.0	4.8	<0.001	0.05	5.19	4.0	0.4	0.3	31.1	<0.01	0.01	1.7
ZZ85796		0.19	28.1	500	56.9	5.1	<0.001	0.04	5.76	5.6	0.9	0.3	27.2	<0.01	0.02	1.9
ZZ85797		0.12	16.4	600	194.5	5.8	<0.001	0.11	5.59	4.3	0.6	0.5	18.1	<0.01	0.02	1.4
ZZ85798		0.09	29.5	490	56.4	6.5	<0.001	0.05	3.96	7.0	0.6	0.3	17.2	<0.01	0.02	1.6
ZZ85799		0.08	31.2	510	34.7	7.9	<0.001	0.04	17.75	7.2	1.0	0.2	18.3	<0.01	0.03	2.0
ZZ85800		0.07	38.8	410	2260	5.6	0.001	0.07	62.3	10.1	1.0	1.0	16.8	<0.01	0.01	1.4
ZZ85801		0.31	23.6	400	40.5	7.9	<0.001	0.05	1.45	5.2	0.8	0.4	20.6	<0.01	0.02	2.1
ZZ85802		0.27	24.3	290	50.8	11.0	<0.001	0.03	2.05	6.0	0.8	0.4	18.4	<0.01	0.03	2.6
ZZ85803		0.11	25.3	450	27.3	6.2	<0.001	0.03	7.92	5.2	0.4	0.3	23.1	<0.01	0.04	2.4
ZZ85804		0.17	20.8	330	26.4	6.1	<0.001	0.04	6.41	4.2	0.5	0.3	34.2	<0.01	0.03	2.2
ZZ85805		0.15	17.6	360	50.8	4.9	<0.001	0.03	13.30	3.8	0.5	0.2	10.3	<0.01	0.08	1.1
ZZ85806		0.24	16.5	830	232	6.8	<0.001	0.06	6.51	2.6	0.5	0.3	19.5	<0.01	0.02	0.8
ZZ85807		0.25	9.2	1980	436	5.8	<0.001	0.20	5.47	0.7	0.5	0.2	20.3	<0.01	0.01	0.3
ZZ85808		0.44	25.4	560	32.1	6.2	<0.001	0.03	1.59	4.7	0.6	0.3	48.1	<0.01	0.03	3.1
ZZ85809		0.35	25.2	480	38.4	8.2	<0.001	0.03	2.00	5.6	0.8	0.4	25.2	<0.01	0.04	2.6
ZZ85810		0.49	16.6	880	68.2	8.8	<0.001	0.09	2.06	3.0	0.6	0.3	24.8	<0.01	0.02	0.8
ZZ85811		0.40	21.8	620	284	6.1	<0.001	0.04	7.24	4.2	1.0	0.4	14.0	<0.01	0.03	1.4
ZZ85812		0.25	9.5	710	534	4.6	<0.001	0.04	11.70	1.4	0.4	0.2	25.0	<0.01	0.03	0.6
ZZ85813		0.56	22.8	850	984	10.4	<0.001	0.08	31.1	3.1	1.1	0.5	11.9	<0.01	0.04	1.0
ZZ85814		0.33	16.1	1450	647	6.5	<0.001	0.14	28.7	1.4	0.8	0.4	16.5	<0.01	0.05	0.5
ZZ85815		0.24	14.6	780	389	5.9	<0.001	0.06	12.25	1.9	0.6	0.3	18.5	<0.01	0.01	0.5
ZZ85816		0.18	15.7	960	136.5	6.0	<0.001	0.09	7.09	2.2	0.8	0.3	18.1	<0.01	0.03	0.6
ZZ85817		0.06	12.2	710	55.7	3.0	<0.001	0.04	8.42	2.5	0.3	<0.2	35.2	<0.01	<0.01	0.8
ZZ85818		0.16	8.6	800	392	3.5	<0.001	0.05	38.8	1.5	0.4	0.2	31.5	<0.01	0.01	0.6
ZZ85819		0.35	19.1	930	69.5	9.3	<0.001	0.10	1.96	3.1	0.5	0.4	11.1	<0.01	0.03	0.9
ZZ85820		0.08	19.0	450	54.9	6.4	<0.001	0.18	2.91	4.6	0.5	0.5	24.1	<0.01	0.03	2.0
ZZ85821		0.23	14.5	1050	21.8	5.1	<0.001	0.20	1.65	1.7	0.8	0.2	16.4	<0.01	0.02	0.3
ZZ85822		0.37	20.4	760	41.8	9.9	<0.001	0.07	2.93	3.5	0.6	0.5	13.4	<0.01	0.03	1.2
ZZ85823		0.23	23.2	820	85.3	6.1	<0.001	0.06	3.42	3.9	0.7	0.4	16.4	<0.01	0.03	1.1

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86498		0.007	0.10	0.40	30	0.08	3.16	64	0.6
ZZ86499		<0.005	0.21	1.16	18	<0.05	13.60	85	2.2
ZZ86500		<0.005	0.10	0.88	17	<0.05	16.45	33	1.5
ZZ85787		0.005	0.09	0.52	22	0.08	16.05	95	2.3
ZZ85788		<0.005	0.08	0.32	20	0.05	16.35	72	2.2
ZZ85789		<0.005	0.11	0.57	15	<0.05	17.20	69	2.0
ZZ85790		<0.005	0.05	0.72	5	<0.05	12.75	57	1.7
ZZ85791		<0.005	0.05	1.25	8	<0.05	13.75	112	2.6
ZZ85792		0.007	0.09	0.55	7	<0.05	5.63	1450	0.9
ZZ85793		0.007	0.09	0.54	10	0.06	6.59	2960	1.1
ZZ85794		0.008	0.16	0.53	17	0.08	8.64	820	1.5
ZZ85795		<0.005	0.13	0.82	14	<0.05	8.81	434	1.4
ZZ85796		<0.005	0.13	0.66	20	0.08	12.15	220	1.3
ZZ85797		<0.005	0.16	0.82	20	0.12	10.85	383	1.6
ZZ85798		<0.005	0.11	0.38	14	<0.05	17.30	277	1.3
ZZ85799		<0.005	0.10	0.47	11	0.22	16.35	83	1.8
ZZ85800		<0.005	0.09	0.62	20	0.11	17.25	2110	1.9
ZZ85801		0.007	0.11	0.56	29	0.09	12.40	136	2.2
ZZ85802		0.005	0.12	0.62	28	0.10	13.35	146	2.5
ZZ85803		<0.005	0.11	0.47	17	0.05	11.15	86	2.2
ZZ85804		<0.005	0.12	0.40	15	0.06	7.12	63	1.6
ZZ85805		<0.005	0.07	0.45	11	0.09	7.04	247	1.0
ZZ85806		0.008	0.15	0.74	23	0.12	8.11	362	1.3
ZZ85807		0.009	0.05	1.03	15	0.15	4.81	2000	0.8
ZZ85808		0.014	0.11	0.60	28	0.12	11.70	105	2.3
ZZ85809		0.008	0.13	0.68	29	0.11	14.20	107	2.4
ZZ85810		0.015	0.08	0.96	27	0.17	9.44	193	1.2
ZZ85811		0.016	0.14	0.78	38	0.16	14.55	413	1.0
ZZ85812		0.012	0.07	0.59	16	0.09	5.96	479	1.0
ZZ85813		0.027	0.18	0.95	55	0.18	16.65	1280	0.8
ZZ85814		0.017	0.11	0.89	31	0.14	9.32	1030	1.2
ZZ85815		0.011	0.09	0.63	24	0.10	8.39	482	0.8
ZZ85816		0.007	0.11	0.57	21	0.09	10.20	280	1.2
ZZ85817		<0.005	0.16	0.28	11	0.06	5.50	75	0.7
ZZ85818		0.007	0.11	0.39	12	0.10	5.06	528	0.8
ZZ85819		0.009	0.14	1.05	33	0.12	10.90	203	1.4
ZZ85820		<0.005	0.15	1.19	16	<0.05	10.35	107	1.8
ZZ85821		0.007	0.13	0.93	16	<0.05	10.85	88	1.2
ZZ85822		0.008	0.15	1.12	31	0.13	9.55	114	1.6
ZZ85823		0.005	0.11	0.66	23	0.10	10.45	338	1.9

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Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ85824	0.30	0.003	0.23	0.68	15.1	<0.2	<10	340	0.53	0.12	7.49	0.84	18.00	8.2	18
ZZ85825	0.44	0.003	0.22	0.68	14.5	<0.2	<10	350	0.56	0.12	7.47	0.89	17.40	8.8	18
ZZ85826	0.42	0.002	0.20	0.56	14.5	<0.2	<10	480	0.49	0.10	9.52	0.81	15.25	7.6	16
ZZ85827	0.20	0.001	0.23	0.74	11.5	<0.2	<10	650	0.53	0.12	3.37	0.97	15.30	7.9	18
ZZ85828	0.19	0.002	0.27	0.77	13.7	<0.2	<10	660	0.55	0.13	3.95	0.99	16.30	8.4	19
ZZ85829	0.31	0.001	0.22	0.75	15.3	<0.2	<10	460	0.55	0.12	8.04	1.06	19.05	8.2	20
ZZ85830	0.26	0.001	0.20	0.74	15.6	<0.2	<10	480	0.58	0.12	5.57	0.80	18.15	6.4	19
ZZ85831	0.22	0.001	0.25	0.84	10.0	<0.2	<10	770	0.56	0.13	2.74	0.87	19.95	11.1	21
ZZ85832	0.17	0.002	0.21	0.85	13.0	<0.2	<10	590	0.42	0.12	2.58	0.98	14.90	13.9	18
ZZ85833	0.21	0.007	0.35	0.93	27.7	<0.2	<10	720	0.68	0.18	2.06	1.17	19.15	13.1	22
ZZ85834	0.38	0.002	0.34	1.02	16.6	<0.2	<10	710	0.66	0.16	1.63	1.51	22.7	12.9	25
ZZ85835	0.44	0.002	0.33	1.16	23.3	<0.2	<10	470	0.73	0.21	1.76	0.88	26.8	12.2	28
ZZ85836	0.17	0.002	0.38	0.86	16.7	<0.2	<10	810	0.56	0.16	1.70	1.68	19.05	8.8	23
ZZ85837	0.26	0.003	0.47	1.18	21.9	<0.2	<10	950	0.85	0.23	0.93	3.05	21.2	14.6	32
ZZ85838	0.37	0.003	0.68	1.09	21.3	<0.2	<10	680	0.77	0.21	2.59	2.82	20.9	12.9	36
ZZ85839	0.41	0.003	0.45	1.88	25.6	<0.2	<10	490	1.10	0.25	0.25	2.95	29.7	15.5	48
ZZ85840	0.46	0.002	0.52	1.34	22.2	<0.2	<10	720	0.74	0.22	2.00	2.37	21.5	9.6	40
ZZ85841	0.31	0.001	0.37	0.90	19.2	<0.2	<10	640	0.60	0.19	2.22	3.50	14.70	12.5	30
ZZ85842	0.54	0.003	0.55	1.09	24.8	<0.2	<10	880	0.71	0.21	4.25	2.24	20.2	13.3	36
ZZ85843	0.29	<0.001	0.08	1.64	13.8	<0.2	<10	360	0.79	0.22	1.96	1.32	23.6	8.6	25
ZZ85844	0.41	0.002	0.47	1.47	22.6	<0.2	<10	800	1.00	0.19	0.49	0.94	30.0	12.8	43
ZZ85845	0.34	0.001	0.17	1.71	11.9	<0.2	<10	590	0.65	0.25	0.60	1.21	25.5	8.2	28
ZZ85846	0.35	0.002	0.20	1.78	18.8	<0.2	<10	380	0.72	0.22	0.31	0.72	31.6	8.7	35
ZZ85847	0.30	0.003	0.43	0.90	18.6	<0.2	<10	710	0.62	0.17	3.26	2.68	17.75	12.5	25
ZZ85848	0.44	0.002	0.46	0.99	25.1	<0.2	<10	710	0.65	0.20	2.23	3.01	19.50	14.8	40
ZZ85849	0.29	0.002	0.31	0.89	21.8	<0.2	<10	660	0.56	0.33	3.01	3.16	15.55	14.1	33
ZZ85850	0.32	0.001	0.24	0.68	15.9	<0.2	<10	480	0.47	0.14	6.27	1.26	17.25	10.9	34
ZZ85851	0.30	0.001	0.35	0.72	16.1	<0.2	<10	550	0.59	0.14	6.15	1.48	18.35	10.7	32
ZZ85852	0.24	0.002	0.28	0.68	16.8	<0.2	<10	430	0.56	0.13	5.66	1.64	18.30	12.0	36
ZZ85853	0.23	<0.001	0.16	1.69	12.5	<0.2	<10	450	0.86	0.21	1.42	2.06	24.9	8.1	27
ZZ85854	0.21	0.003	0.32	0.98	6.6	<0.2	<10	760	0.57	0.16	3.46	1.52	16.90	6.7	18
ZZ85855	0.35	0.001	0.16	1.22	10.3	<0.2	<10	320	0.71	0.15	4.73	0.95	19.85	7.0	18
ZZ85856	0.27	<0.001	0.07	1.98	8.9	<0.2	<10	560	1.02	0.24	0.66	1.19	31.7	11.6	26
ZZ85857	0.23	<0.001	0.03	1.69	12.1	<0.2	<10	390	0.83	0.18	0.88	0.48	23.0	8.8	23
ZZ85858	0.34	0.001	0.03	1.75	9.8	<0.2	<10	140	0.89	0.21	0.19	0.15	24.1	10.2	24
ZZ85859	0.41	0.003	0.33	1.38	13.9	<0.2	<10	350	0.73	0.23	1.32	0.34	24.0	13.6	21
ZZ85860	0.34	0.005	0.17	1.78	12.0	<0.2	<10	440	0.75	0.21	1.33	0.23	28.7	9.3	27
ZZ85861	0.28	0.001	0.37	1.80	41.8	<0.2	<10	250	0.95	0.19	4.05	1.08	22.4	11.0	21
ZZ85862	0.39	0.002	0.22	1.21	13.9	<0.2	<10	180	0.65	0.18	4.79	0.73	21.5	9.7	17
ZZ85863	0.40	0.002	0.31	1.83	13.6	<0.2	<10	260	0.76	0.18	1.29	0.33	27.5	8.8	24

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85824		0.65	24.9	1.98	2.01	<0.05	0.04	0.11	0.019	0.08	9.1	7.8	3.97	438	1.79	<0.01
ZZ85825		0.67	28.2	2.01	1.93	<0.05	0.04	0.09	0.019	0.08	9.0	7.3	3.98	477	2.15	<0.01
ZZ85826		0.72	24.1	1.81	1.69	<0.05	0.04	0.10	0.018	0.08	7.9	6.5	5.06	302	2.61	<0.01
ZZ85827		0.56	31.2	1.82	2.03	<0.05	0.05	0.12	0.018	0.08	8.1	7.3	0.77	387	1.35	<0.01
ZZ85828		0.57	32.4	2.00	2.06	<0.05	0.05	0.16	0.021	0.07	8.7	7.5	1.18	452	1.65	<0.01
ZZ85829		0.64	23.2	2.08	2.14	<0.05	0.06	0.12	0.021	0.08	9.6	8.4	4.31	222	1.95	<0.01
ZZ85830		0.65	21.1	2.07	2.13	<0.05	0.06	0.11	0.020	0.08	9.1	8.3	3.02	238	1.77	<0.01
ZZ85831		0.71	25.7	1.98	2.48	<0.05	0.05	0.13	0.019	0.08	10.3	9.6	0.92	1820	1.49	<0.01
ZZ85832		0.72	21.7	2.48	2.26	<0.05	0.06	0.11	0.018	0.07	7.2	8.8	0.54	551	0.74	<0.01
ZZ85833		0.72	28.9	3.44	2.53	<0.05	0.06	0.17	0.023	0.08	9.7	8.9	0.44	1860	1.96	<0.01
ZZ85834		0.81	40.9	1.97	2.89	<0.05	0.07	0.18	0.023	0.09	11.7	10.9	0.51	219	1.39	<0.01
ZZ85835		0.89	25.6	2.96	3.35	0.05	0.06	0.12	0.025	0.11	13.0	13.9	0.92	173	2.34	<0.01
ZZ85836		0.69	37.3	2.28	2.51	<0.05	0.06	0.20	0.022	0.07	9.9	10.3	0.45	1540	2.65	<0.01
ZZ85837		0.88	41.6	2.90	3.44	0.05	0.05	0.21	0.024	0.06	10.8	17.8	0.60	909	3.60	<0.01
ZZ85838		1.00	49.0	3.19	3.35	0.05	0.05	0.27	0.027	0.06	11.4	20.3	1.88	228	4.87	<0.01
ZZ85839		1.02	29.8	3.39	4.29	0.05	0.07	0.16	0.036	0.06	14.6	24.3	0.62	361	5.65	<0.01
ZZ85840		0.79	50.7	2.92	3.91	<0.05	0.03	0.20	0.032	0.05	11.5	23.9	1.10	329	5.49	<0.01
ZZ85841		0.76	32.9	2.71	2.55	<0.05	0.05	0.17	0.022	0.05	7.6	14.9	0.89	554	6.35	<0.01
ZZ85842		0.99	57.2	3.07	3.26	0.05	0.06	0.23	0.028	0.09	10.8	17.9	2.01	419	6.53	<0.01
ZZ85843		0.80	10.5	2.87	4.88	<0.05	0.03	0.07	0.033	0.03	12.3	11.4	0.92	491	1.87	<0.01
ZZ85844		0.56	32.2	3.28	3.90	0.06	0.07	0.13	0.028	0.05	17.4	19.6	0.77	465	3.43	<0.01
ZZ85845		1.12	10.1	2.53	5.74	<0.05	0.02	0.05	0.028	0.04	12.2	13.8	0.40	300	1.97	<0.01
ZZ85846		1.06	15.3	2.99	5.49	0.05	0.04	0.07	0.033	0.05	15.9	17.3	0.42	264	3.35	<0.01
ZZ85847		0.72	28.7	2.47	2.52	0.05	0.04	0.17	0.022	0.05	9.1	13.7	1.50	579	3.64	<0.01
ZZ85848		1.10	47.4	3.27	3.07	0.06	0.05	0.20	0.026	0.05	10.3	18.7	1.76	526	6.79	<0.01
ZZ85849		0.92	34.9	3.03	2.70	0.06	0.04	0.17	0.025	0.05	8.1	17.4	1.99	748	4.84	<0.01
ZZ85850		1.11	26.5	2.28	1.99	0.05	0.04	0.19	0.018	0.06	8.9	13.2	3.82	377	2.00	<0.01
ZZ85851		1.18	31.9	2.23	2.16	<0.05	0.05	0.19	0.022	0.07	9.7	13.0	3.68	366	2.61	<0.01
ZZ85852		1.20	30.4	2.33	2.03	0.06	0.04	0.15	0.018	0.06	9.5	13.5	3.44	417	2.18	<0.01
ZZ85853		0.53	14.2	2.72	4.89	<0.05	0.04	0.04	0.030	0.06	12.5	12.6	0.66	410	1.46	<0.01
ZZ85854		0.49	64.6	1.64	2.72	<0.05	0.04	0.32	0.020	0.03	8.6	8.2	0.41	484	0.51	<0.01
ZZ85855		0.63	13.7	2.17	3.56	<0.05	0.04	0.06	0.025	0.03	11.1	10.0	2.16	573	1.13	<0.01
ZZ85856		0.90	10.0	3.22	6.09	<0.05	0.05	0.02	0.038	0.04	14.6	11.6	0.42	1940	0.89	<0.01
ZZ85857		0.60	11.1	3.21	4.28	<0.05	0.05	0.02	0.031	0.05	9.6	12.6	0.45	436	1.17	<0.01
ZZ85858		1.15	12.1	3.15	4.54	<0.05	0.05	0.01	0.033	0.06	9.5	18.4	0.47	567	0.93	<0.01
ZZ85859		0.79	26.5	3.30	3.60	<0.05	0.06	0.18	0.033	0.06	11.3	14.6	0.71	572	1.41	<0.01
ZZ85860		0.78	14.1	2.75	4.73	<0.05	0.03	0.06	0.028	0.04	13.7	14.0	0.81	538	1.14	<0.01
ZZ85861		0.70	11.4	8.06	4.34	<0.05	0.09	0.08	0.089	0.04	11.4	7.8	2.19	3950	1.68	<0.01
ZZ85862		0.65	17.9	3.82	2.93	<0.05	0.06	0.10	0.032	0.06	10.4	9.6	2.34	1520	1.06	0.01
ZZ85863		0.68	14.1	3.40	4.71	<0.05	0.06	0.06	0.036	0.04	12.5	10.6	0.94	675	0.99	<0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ85824		0.31	28.1	910	25.3	5.7	<0.001	0.04	1.02	2.7	0.4	0.2	53.8	<0.01	0.04	1.2
ZZ85825		0.27	31.4	990	24.8	5.6	<0.001	0.05	1.06	2.4	1.1	0.2	48.0	<0.01	0.04	0.8
ZZ85826		0.23	28.7	840	21.3	5.1	<0.001	0.05	1.15	2.4	1.2	0.2	59.2	<0.01	0.04	0.9
ZZ85827		0.35	31.6	800	22.8	5.8	<0.001	0.13	1.05	2.0	1.4	0.3	37.8	<0.01	0.03	0.6
ZZ85828		0.35	35.6	990	24.8	5.9	0.001	0.11	1.25	2.0	1.2	0.2	39.2	<0.01	0.03	0.6
ZZ85829		0.35	28.8	910	25.2	6.2	0.001	0.04	1.01	3.0	1.1	0.3	53.0	<0.01	0.03	1.7
ZZ85830		0.35	25.6	1030	23.8	6.2	0.001	0.07	1.06	2.6	0.9	0.3	42.2	<0.01	0.02	1.1
ZZ85831		0.38	31.5	1050	24.7	6.8	0.002	0.14	0.85	2.7	1.7	0.3	36.0	<0.01	0.04	1.2
ZZ85832		0.39	29.8	1100	19.2	7.1	0.002	0.17	0.74	2.0	1.7	0.2	40.1	<0.01	0.03	0.8
ZZ85833		0.42	33.9	1130	29.8	6.4	0.004	0.18	1.03	2.9	2.4	0.3	35.9	<0.01	0.09	0.9
ZZ85834		0.52	38.7	960	29.8	8.3	0.003	0.18	1.35	3.9	2.4	0.3	30.3	<0.01	0.04	2.2
ZZ85835		0.56	42.6	1000	34.7	9.0	0.001	0.05	1.14	3.9	1.7	0.4	28.6	<0.01	0.05	2.4
ZZ85836		0.38	47.0	1040	24.7	6.6	0.006	0.12	1.49	2.8	2.6	0.3	35.6	<0.01	0.03	1.3
ZZ85837		0.30	81.8	1020	31.3	6.5	0.003	0.04	1.65	3.8	2.2	0.3	33.2	<0.01	0.05	2.7
ZZ85838		0.17	122.0	1240	22.5	5.6	0.001	0.01	2.41	4.0	1.6	0.3	46.1	<0.01	0.06	3.4
ZZ85839		0.52	122.0	860	30.1	10.5	0.001	0.01	2.22	5.2	2.2	0.5	29.3	<0.01	0.06	4.6
ZZ85840		0.46	80.5	810	23.9	7.1	<0.001	0.03	2.21	3.2	1.9	0.5	39.6	<0.01	0.06	1.9
ZZ85841		0.21	86.8	1100	22.0	5.8	0.004	0.09	1.50	2.3	2.4	0.2	56.1	<0.01	0.05	1.2
ZZ85842		0.24	88.4	1120	22.2	5.7	0.003	0.04	3.15	3.9	2.7	0.3	91.4	<0.01	0.06	2.8
ZZ85843		0.68	19.7	430	22.4	5.9	<0.001	0.03	0.69	3.2	0.6	0.5	23.4	<0.01	0.04	1.1
ZZ85844		0.32	64.3	1090	22.1	5.4	0.001	0.02	1.64	5.6	1.8	0.3	30.4	<0.01	0.07	3.1
ZZ85845		0.95	24.8	460	17.1	8.3	<0.001	0.02	0.69	2.9	0.9	0.6	18.7	<0.01	0.04	1.7
ZZ85846		0.83	42.2	610	18.0	10.6	<0.001	0.02	1.17	3.8	1.4	0.6	19.4	<0.01	0.04	3.3
ZZ85847		0.23	69.1	1150	22.6	5.1	0.001	0.05	1.45	2.5	2.0	0.3	47.5	<0.01	0.03	1.1
ZZ85848		0.18	103.5	1240	23.7	4.7	0.003	0.03	2.48	3.4	2.5	0.3	52.1	<0.01	0.06	2.5
ZZ85849		0.15	90.8	1380	19.3	4.4	0.003	0.05	1.99	2.8	2.5	0.2	54.4	<0.01	0.06	1.8
ZZ85850		0.24	81.8	1030	22.2	4.9	0.002	0.04	1.14	2.6	1.7	0.2	78.3	<0.01	0.04	2.1
ZZ85851		0.27	75.8	1000	22.7	5.4	0.003	0.04	1.43	2.8	1.8	0.2	76.9	<0.01	0.05	1.9
ZZ85852		0.23	87.6	990	23.4	5.3	0.002	0.04	1.30	2.7	1.6	0.2	78.9	<0.01	0.03	2.1
ZZ85853		0.84	23.4	470	22.0	5.7	<0.001	0.02	0.78	3.7	0.6	0.5	27.8	<0.01	0.04	1.8
ZZ85854		0.52	30.6	1420	12.2	4.1	<0.001	0.13	1.18	1.1	2.5	0.3	59.1	<0.01	0.04	0.3
ZZ85855		0.33	17.5	790	18.9	5.1	<0.001	0.04	0.75	2.4	0.8	0.4	55.5	<0.01	0.03	0.6
ZZ85856		0.69	19.8	220	27.7	6.0	0.001	0.01	0.57	4.3	0.7	0.7	17.5	<0.01	0.05	2.7
ZZ85857		0.37	18.1	220	24.4	5.7	<0.001	0.01	0.69	4.1	0.6	0.5	17.2	<0.01	0.03	2.4
ZZ85858		0.49	21.4	160	17.1	12.7	<0.001	<0.01	0.64	3.5	0.4	0.5	7.8	<0.01	0.02	3.6
ZZ85859		0.56	26.3	940	19.4	6.3	0.001	0.04	1.78	3.9	1.1	0.4	21.3	<0.01	0.02	2.0
ZZ85860		0.68	21.7	530	16.9	6.4	<0.001	0.02	1.02	3.5	0.6	0.5	18.9	<0.01	0.03	1.8
ZZ85861		0.43	23.3	680	32.9	6.1	<0.001	0.04	3.30	4.7	1.0	0.5	14.0	<0.01	0.03	1.7
ZZ85862		0.39	21.8	630	30.1	6.7	<0.001	0.03	1.42	3.8	0.9	0.3	38.3	<0.01	0.03	2.0
ZZ85863		0.60	19.4	160	31.4	6.4	<0.001	0.01	1.94	4.4	0.6	0.6	8.4	<0.01	0.02	3.2

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Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ85824		0.007	0.19	1.31	34	0.06	9.05	125	1.3
ZZ85825		0.006	0.23	1.33	32	0.05	9.25	123	1.3
ZZ85826		0.006	0.24	1.33	29	<0.05	8.02	121	1.3
ZZ85827		0.008	0.18	1.66	30	0.06	7.83	150	1.6
ZZ85828		0.007	0.20	1.53	35	0.06	9.05	155	1.5
ZZ85829		0.008	0.18	1.21	35	0.06	8.95	140	1.8
ZZ85830		0.008	0.18	1.55	35	0.08	8.68	142	1.7
ZZ85831		0.009	0.19	1.93	34	0.12	9.54	127	1.6
ZZ85832		0.008	0.20	1.57	29	0.08	6.41	112	1.7
ZZ85833		0.008	0.20	1.89	44	0.08	10.20	127	1.8
ZZ85834		0.008	0.23	2.73	49	0.08	10.95	166	2.5
ZZ85835		0.012	0.25	1.26	57	0.11	10.35	210	1.9
ZZ85836		0.008	0.21	2.12	50	0.09	10.10	156	1.8
ZZ85837		0.005	0.17	2.83	70	0.11	10.90	337	2.1
ZZ85838		0.005	0.24	1.38	77	0.14	12.25	581	2.1
ZZ85839		0.010	0.33	2.44	106	0.16	12.40	364	2.5
ZZ85840		0.008	0.29	2.26	108	0.16	10.90	251	1.1
ZZ85841		0.005	0.17	5.26	67	0.09	8.72	370	1.5
ZZ85842		0.007	0.32	1.93	85	0.11	11.45	233	2.5
ZZ85843		0.010	0.15	0.90	65	0.16	10.10	114	0.8
ZZ85844		0.008	0.22	2.23	76	0.13	19.90	159	1.9
ZZ85845		0.019	0.18	1.09	73	0.26	5.74	145	0.6
ZZ85846		0.015	0.25	1.22	86	0.24	8.30	110	1.4
ZZ85847		0.005	0.15	2.09	51	0.15	10.25	272	1.4
ZZ85848		0.005	0.28	1.86	79	0.10	11.00	361	1.7
ZZ85849		<0.005	0.22	2.37	67	0.07	9.88	316	1.4
ZZ85850		0.006	0.18	1.43	33	0.05	9.78	189	1.7
ZZ85851		0.007	0.23	1.58	36	0.05	11.05	191	1.7
ZZ85852		0.006	0.19	1.62	33	<0.05	10.40	209	1.8
ZZ85853		0.013	0.13	0.70	71	0.21	8.83	130	1.0
ZZ85854		0.012	0.08	6.25	30	0.11	10.45	67	1.4
ZZ85855		0.008	0.14	1.24	44	0.08	11.95	104	1.1
ZZ85856		0.013	0.15	0.78	59	0.17	7.90	180	1.5
ZZ85857		0.005	0.13	0.40	47	0.15	5.87	100	1.6
ZZ85858		0.013	0.14	0.50	40	0.15	3.19	112	1.6
ZZ85859		0.016	0.11	3.20	37	0.27	10.80	111	1.6
ZZ85860		0.017	0.11	1.17	53	0.18	8.68	81	0.9
ZZ85861		0.010	0.13	0.48	49	0.19	15.15	107	2.3
ZZ85862		0.015	0.10	0.56	33	0.14	10.25	209	1.6
ZZ85863		0.014	0.12	0.48	51	0.17	7.87	122	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ85864		0.25	0.001	0.09	2.07	14.3	<0.2	<10	340	1.07	0.24	2.01	1.54	28.1	9.5	28
ZZ85865		0.35	0.001	0.10	1.37	11.6	<0.2	<10	310	1.49	0.28	0.57	0.13	42.1	12.1	16
ZZ85866		0.33	0.001	0.15	1.60	14.3	<0.2	<10	200	0.80	0.19	1.33	0.36	24.7	9.4	18
ZZ85867		0.30	0.003	0.17	1.11	19.0	<0.2	<10	260	0.63	0.16	4.74	0.95	24.9	7.7	29
ZZ85868		0.22	0.005	0.26	0.89	26.4	<0.2	<10	600	0.66	0.13	4.76	2.79	14.85	7.2	20
ZZ85869		0.25	0.002	0.19	0.62	7.9	<0.2	<10	780	0.42	0.09	4.47	1.70	8.96	5.1	14
ZZ85870		0.32	<0.001	0.03	0.67	10.2	<0.2	<10	540	0.50	0.18	1.34	0.73	17.40	4.4	11
ZZ85871		0.37	0.002	0.27	0.90	15.7	<0.2	<10	310	0.55	0.15	5.27	0.78	21.9	10.9	42
ZZ85872		0.37	0.002	0.26	1.48	21.4	<0.2	<10	200	0.89	0.20	1.57	1.39	29.1	18.4	65
ZZ85873		0.35	0.002	0.26	1.09	12.7	<0.2	<10	210	0.55	0.19	4.84	0.45	25.0	8.6	19
ZZ85874		0.39	0.006	0.19	1.22	38.6	<0.2	<10	430	0.82	0.24	1.93	0.24	28.7	14.1	20
ZZ85875		0.34	0.005	0.16	0.98	43.0	<0.2	<10	500	0.62	0.20	2.57	0.25	18.05	10.0	15
ZZ85876		0.32	0.002	0.28	0.88	14.9	<0.2	<10	440	0.55	0.15	4.30	0.80	17.00	8.3	20
ZZ85877		0.26	<0.001	0.15	1.25	19.4	<0.2	<10	510	0.77	0.14	2.53	2.35	20.7	6.3	21
ZZ85878		0.30	0.002	0.09	1.88	13.0	<0.2	<10	440	0.92	0.19	2.38	1.37	25.4	8.7	25
ZZ85879		0.36	0.001	0.11	0.99	11.3	<0.2	<10	190	0.68	0.15	4.41	0.76	23.1	7.1	19
ZZ85880		0.40	0.002	0.23	0.94	11.9	<0.2	<10	350	0.60	0.11	8.18	0.89	17.95	7.6	21
ZZ85881		0.30	0.001	0.03	2.21	10.3	<0.2	<10	390	0.61	0.21	0.29	0.15	31.3	9.0	33
ZZ85882		0.35	<0.001	0.05	2.21	14.4	<0.2	<10	300	0.75	0.23	1.05	0.21	32.3	8.7	31
ZZ85883		0.27	<0.001	0.10	1.28	11.8	<0.2	<10	230	0.57	0.16	3.99	0.66	21.2	6.0	21
ZZ85884		0.39	0.002	0.26	0.69	14.9	<0.2	<10	580	0.45	0.12	6.13	1.12	16.10	10.1	34
ZZ85885		0.20	0.002	0.27	0.71	14.2	<0.2	<10	480	0.40	0.13	5.28	1.05	15.95	9.8	33
ZZ85886		0.26	0.002	0.38	0.87	16.6	<0.2	<10	540	0.59	0.15	4.04	1.28	19.60	10.5	33
ZZ85887		0.26	0.004	0.31	0.73	10.9	<0.2	<10	500	0.49	0.13	4.41	1.32	16.25	8.8	27
ZZ85888		0.21	0.002	0.40	0.76	19.7	<0.2	<10	710	0.53	0.14	1.99	2.78	16.30	18.7	25
ZZ85889		0.24	0.002	0.32	0.99	16.4	<0.2	<10	520	0.60	0.16	3.06	1.44	19.55	11.7	35
ZZ85890		0.39	0.002	0.29	0.88	16.4	<0.2	<10	490	0.59	0.16	5.19	1.12	19.70	11.5	37
ZZ85891		0.36	0.002	0.38	1.30	15.0	<0.2	<10	270	0.71	0.18	4.56	1.01	24.6	8.5	25
ZZ85892		0.22	0.001	0.18	0.88	8.7	<0.2	<10	290	0.52	0.13	5.42	1.45	18.60	5.5	18
ZZ85893		0.34	<0.001	0.03	1.79	9.5	<0.2	<10	400	0.62	0.23	0.48	0.57	25.0	7.2	26
ZZ85894		0.27	0.001	0.15	1.90	16.1	<0.2	<10	750	1.00	0.23	0.85	0.60	34.4	10.1	32
ZZ85895		0.30	<0.001	0.05	1.49	7.8	<0.2	<10	390	0.64	0.18	1.30	0.70	19.65	6.0	24
ZZ85896		0.40	0.001	0.08	1.60	10.7	<0.2	<10	540	0.88	0.20	1.73	0.58	29.9	7.0	26
ZZ85897		0.40	0.005	0.09	1.59	14.8	<0.2	<10	260	0.83	0.21	0.30	0.14	39.1	12.8	30
ZZ85898		0.34	0.001	0.08	1.87	10.5	<0.2	<10	380	0.72	0.21	1.16	0.33	25.1	7.6	28
ZZ85899		0.30	0.001	0.03	1.74	6.7	<0.2	<10	140	0.80	0.18	0.26	0.44	23.0	10.4	31
ZZ85900		0.30	0.001	0.09	1.41	19.1	<0.2	<10	250	1.59	0.28	1.69	0.39	19.65	13.1	22
ZZ85901		0.36	0.001	0.09	1.26	12.9	<0.2	<10	300	1.24	0.27	2.16	0.28	18.25	12.9	19
ZZ85902		0.28	0.002	0.21	0.46	5.0	<0.2	10	210	0.51	0.09	3.69	0.60	4.83	19.0	8
ZZ85903		0.26	0.002	0.17	0.46	2.2	<0.2	10	230	0.46	0.08	4.62	1.31	6.86	3.2	8

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ85864		0.75	11.4	4.15	5.16	0.05	0.07	0.07	0.043	0.05	15.7	11.4	1.23	1080	0.95	<0.01
ZZ85865		1.23	10.6	2.81	3.54	0.05	0.05	0.03	0.038	0.08	20.5	7.8	0.29	424	1.35	<0.01
ZZ85866		0.64	12.5	3.45	4.28	<0.05	0.04	0.10	0.035	0.05	11.1	9.3	0.68	908	1.03	<0.01
ZZ85867		0.63	13.4	2.56	2.89	<0.05	0.05	0.08	0.021	0.05	13.1	10.2	2.91	397	2.90	<0.01
ZZ85868		0.70	33.7	2.25	2.28	<0.05	0.05	0.22	0.018	0.06	8.2	8.1	1.90	475	3.37	<0.01
ZZ85869		0.46	30.0	1.25	1.48	<0.05	0.03	0.17	0.012	0.04	4.6	5.1	0.67	349	1.00	<0.01
ZZ85870		0.31	13.9	2.17	1.63	<0.05	0.02	0.04	0.025	0.05	6.7	5.7	0.30	291	1.71	<0.01
ZZ85871		0.58	25.3	2.61	2.43	<0.05	0.04	0.10	0.020	0.07	11.2	11.7	3.49	382	2.98	<0.01
ZZ85872		0.63	21.2	3.42	3.04	0.05	0.05	0.06	0.031	0.06	14.1	16.3	1.60	523	4.21	<0.01
ZZ85873		0.71	13.7	2.92	2.94	<0.05	0.03	0.08	0.029	0.06	11.3	9.0	2.79	598	1.32	<0.01
ZZ85874		1.00	37.6	4.53	3.24	0.05	0.04	0.12	0.040	0.14	13.8	9.7	1.18	648	1.71	<0.01
ZZ85875		1.29	33.2	3.99	2.56	0.05	0.04	0.12	0.037	0.15	8.3	8.0	0.72	651	0.83	<0.01
ZZ85876		0.76	26.7	2.27	2.29	<0.05	0.03	0.16	0.024	0.06	8.3	9.4	1.59	455	2.06	<0.01
ZZ85877		0.69	16.7	2.45	2.90	<0.05	0.04	0.07	0.038	0.05	10.9	8.9	0.78	393	3.06	<0.01
ZZ85878		0.62	14.4	3.05	5.02	<0.05	0.03	0.05	0.037	0.04	14.0	14.1	0.96	432	2.13	<0.01
ZZ85879		0.47	12.0	2.30	2.25	<0.05	0.03	0.04	0.027	0.04	12.6	7.4	2.04	371	1.05	<0.01
ZZ85880		0.61	20.6	2.11	2.44	<0.05	0.04	0.15	0.020	0.05	9.0	12.8	3.89	634	1.20	<0.01
ZZ85881		1.42	9.9	2.84	6.13	<0.05	0.05	0.01	0.028	0.05	13.2	15.8	0.51	362	1.34	<0.01
ZZ85882		1.16	9.8	3.29	5.54	<0.05	0.06	0.05	0.034	0.04	15.7	16.4	0.79	476	1.60	<0.01
ZZ85883		0.65	11.5	2.39	3.30	<0.05	0.02	0.06	0.026	0.04	10.3	10.9	1.54	339	1.35	<0.01
ZZ85884		0.96	25.4	2.23	1.84	0.05	0.05	0.13	0.017	0.06	8.5	11.5	3.73	399	2.24	<0.01
ZZ85885		0.95	25.4	2.21	1.93	0.05	0.06	0.15	0.019	0.07	8.4	12.0	3.31	273	1.92	<0.01
ZZ85886		0.99	33.0	2.55	2.35	0.05	0.06	0.17	0.024	0.07	10.4	12.6	2.39	407	2.08	<0.01
ZZ85887		1.00	27.4	1.97	2.01	0.05	0.05	0.16	0.017	0.06	8.5	11.0	2.25	349	1.46	<0.01
ZZ85888		0.98	33.0	2.31	2.06	<0.05	0.06	0.16	0.024	0.06	8.4	10.0	0.57	2240	2.35	<0.01
ZZ85889		1.04	30.9	2.55	2.69	0.05	0.06	0.17	0.025	0.06	10.2	13.8	1.62	432	2.06	<0.01
ZZ85890		1.16	34.8	2.66	2.35	<0.05	0.04	0.24	0.020	0.07	10.5	14.1	3.51	433	1.91	<0.01
ZZ85891		0.69	40.2	2.61	3.21	<0.05	0.04	0.19	0.024	0.07	13.3	12.3	2.05	422	1.92	<0.01
ZZ85892		0.59	11.8	1.76	2.51	<0.05	0.04	0.07	0.022	0.05	11.5	7.3	2.41	438	1.24	<0.01
ZZ85893		0.95	7.6	2.57	5.74	<0.05	0.03	0.02	0.029	0.03	11.7	13.6	0.35	276	1.11	<0.01
ZZ85894		0.95	12.3	3.24	5.04	0.05	0.06	0.05	0.031	0.05	17.3	15.9	0.65	302	1.61	<0.01
ZZ85895		0.56	8.3	2.53	4.31	<0.05	0.04	0.03	0.023	0.04	9.3	10.7	0.42	421	1.29	<0.01
ZZ85896		0.64	8.5	2.85	4.47	0.05	0.05	0.03	0.029	0.04	15.7	10.9	0.76	783	1.52	<0.01
ZZ85897		0.89	25.3	3.02	4.71	0.06	0.08	0.06	0.026	0.06	19.8	15.7	0.57	467	1.24	<0.01
ZZ85898		0.88	8.8	2.57	5.49	<0.05	0.04	0.03	0.031	0.03	12.7	14.6	0.74	250	1.54	<0.01
ZZ85899		0.81	9.4	2.55	3.62	0.05	0.06	0.04	0.042	0.06	10.4	21.4	0.47	213	0.76	<0.01
ZZ85900		0.95	16.7	3.40	3.93	<0.05	0.09	0.19	0.037	0.08	9.6	10.4	1.04	529	1.50	<0.01
ZZ85901		0.98	16.0	3.13	3.64	0.05	0.06	0.05	0.035	0.05	9.1	9.5	1.34	583	1.01	<0.01
ZZ85902		2.12	16.5	4.45	1.11	<0.05	0.03	0.14	0.011	0.04	2.7	3.3	0.58	661	0.86	<0.01
ZZ85903		0.49	18.7	0.81	1.10	<0.05	0.04	0.13	0.012	0.04	3.7	4.8	1.29	115	0.25	<0.01

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Finalized Date: 1-SEP-2013
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Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ85864		0.76	20.7	390	34.9	8.6	<0.001	0.04	1.01	5.6	0.8	0.6	12.0	<0.01	0.03	2.8
ZZ85865		0.34	16.2	180	30.0	8.7	<0.001	0.01	1.46	5.8	0.6	0.5	8.6	<0.01	0.03	4.0
ZZ85866		0.45	17.2	220	61.1	6.2	<0.001	0.02	1.70	3.8	0.4	0.5	11.7	<0.01	0.03	2.2
ZZ85867		0.43	34.1	870	73.4	6.1	0.001	0.02	1.37	3.4	0.9	0.4	29.6	<0.01	0.03	3.0
ZZ85868		0.40	34.5	960	71.0	6.1	0.001	0.09	1.91	1.8	1.2	0.3	30.2	<0.01	0.05	0.6
ZZ85869		0.27	24.1	1130	15.1	4.5	<0.001	0.16	1.09	0.7	1.5	0.2	26.8	<0.01	0.02	0.2
ZZ85870		0.20	11.4	410	21.1	5.4	<0.001	0.04	0.95	2.3	0.9	0.3	9.8	<0.01	0.04	1.2
ZZ85871		0.36	77.9	970	22.3	5.5	0.001	0.04	1.32	3.0	1.3	0.3	42.7	<0.01	0.03	1.7
ZZ85872		0.41	105.5	730	29.7	8.1	0.001	0.02	1.55	3.9	1.5	0.3	20.9	<0.01	0.06	3.2
ZZ85873		0.56	20.7	530	25.4	6.6	<0.001	0.02	0.84	3.6	0.6	0.3	27.1	<0.01	0.04	2.4
ZZ85874		0.51	26.2	680	31.9	9.1	0.001	0.02	0.84	7.5	1.1	0.4	21.0	<0.01	0.10	3.0
ZZ85875		0.45	17.6	830	17.6	10.1	<0.001	0.10	0.68	5.0	2.1	0.3	43.4	<0.01	0.10	1.0
ZZ85876		0.40	26.6	940	21.4	6.5	<0.001	0.09	1.13	2.4	2.1	0.3	50.6	<0.01	0.03	0.6
ZZ85877		0.31	22.2	640	26.9	5.6	0.001	0.05	1.52	2.8	1.3	0.4	33.3	<0.01	0.04	0.7
ZZ85878		0.54	21.6	590	28.5	4.3	<0.001	0.04	0.97	3.5	0.9	0.6	35.2	<0.01	0.06	1.0
ZZ85879		0.30	16.5	590	19.0	4.8	<0.001	0.03	0.66	3.4	0.8	0.3	40.3	<0.01	0.03	1.1
ZZ85880		0.29	33.3	1100	16.4	5.4	0.001	0.05	0.90	2.8	1.5	0.2	93.1	<0.01	0.04	0.9
ZZ85881		1.02	21.3	220	14.6	9.1	<0.001	<0.01	0.51	3.4	0.3	0.7	13.2	<0.01	0.03	3.8
ZZ85882		0.72	24.7	270	21.2	8.3	<0.001	0.01	0.66	4.4	0.9	0.6	17.4	<0.01	0.03	3.5
ZZ85883		0.53	17.9	800	17.5	5.4	<0.001	0.07	0.74	2.2	0.6	0.4	45.1	<0.01	0.03	0.5
ZZ85884		0.22	74.5	1090	25.1	4.7	0.002	0.04	1.18	2.3	1.6	0.2	75.1	<0.01	0.03	1.7
ZZ85885		0.24	69.8	1070	20.3	5.0	0.002	0.06	1.11	2.4	1.6	0.2	69.6	<0.01	0.04	1.7
ZZ85886		0.29	66.6	1070	23.6	5.5	0.004	0.05	1.26	3.1	2.0	0.3	45.0	<0.01	0.04	2.0
ZZ85887		0.27	59.5	1010	18.6	5.3	0.002	0.06	1.17	2.2	1.5	0.2	51.1	<0.01	0.05	1.2
ZZ85888		0.28	77.6	1130	20.2	7.0	0.002	0.10	1.35	2.2	1.7	0.2	45.7	<0.01	0.03	1.1
ZZ85889		0.26	70.3	890	23.8	6.4	0.001	0.06	1.13	2.7	1.6	0.3	44.1	<0.01	0.06	1.0
ZZ85890		0.19	86.5	1050	22.1	5.7	0.002	0.02	1.12	3.1	0.9	0.2	58.8	<0.01	0.06	2.1
ZZ85891		0.46	35.2	1290	18.6	8.4	<0.001	0.05	1.12	2.6	1.1	0.4	54.5	<0.01	0.04	0.8
ZZ85892		0.45	17.8	1070	13.4	7.5	<0.001	0.08	0.62	1.8	0.4	0.3	57.9	<0.01	0.02	0.4
ZZ85893		1.13	16.3	240	16.3	6.4	<0.001	0.01	0.39	3.0	0.4	0.7	14.5	<0.01	0.02	2.6
ZZ85894		0.88	27.7	310	21.6	8.7	<0.001	0.02	0.66	4.9	0.6	0.5	16.6	<0.01	0.03	3.2
ZZ85895		0.85	17.2	330	17.7	6.9	<0.001	0.04	0.50	2.6	0.4	0.5	25.7	<0.01	0.02	1.2
ZZ85896		0.79	17.9	290	20.4	6.8	<0.001	0.02	0.47	4.4	0.4	0.5	25.7	<0.01	0.03	2.4
ZZ85897		0.92	33.9	190	16.0	8.3	<0.001	<0.01	0.88	5.6	1.0	0.5	16.3	<0.01	0.04	5.9
ZZ85898		0.89	22.3	330	20.9	7.1	<0.001	0.01	0.48	3.6	0.3	0.6	18.5	<0.01	0.03	2.1
ZZ85899		0.59	40.8	940	20.9	10.3	<0.001	0.01	0.58	2.7	0.7	0.3	18.9	<0.01	0.02	4.0
ZZ85900		0.50	25.7	270	36.3	8.8	<0.001	0.01	0.74	5.3	0.5	0.5	19.0	<0.01	0.04	2.8
ZZ85901		0.58	21.4	350	26.1	6.6	<0.001	0.01	0.59	4.0	0.5	0.4	21.6	<0.01	0.02	1.9
ZZ85902		0.30	28.0	1290	6.5	7.6	0.002	0.24	0.62	0.9	1.6	<0.2	284	<0.01	0.01	0.2
ZZ85903		0.27	13.0	790	7.7	3.9	0.001	0.24	0.57	0.8	1.9	0.2	120.0	<0.01	0.01	0.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ85864		0.016	0.13	0.67	57	0.20	14.30	388	1.9
ZZ85865		0.005	0.10	0.51	30	0.11	10.05	63	1.4
ZZ85866		0.009	0.13	0.34	43	0.13	8.45	131	1.3
ZZ85867		0.013	0.38	3.76	58	0.12	8.89	232	1.5
ZZ85868		0.009	1.79	5.54	56	0.09	8.15	296	1.7
ZZ85869		0.007	0.44	6.09	21	0.10	5.07	178	1.0
ZZ85870		<0.005	0.28	1.67	32	0.05	3.97	52	0.8
ZZ85871		0.012	0.15	2.30	41	0.09	9.52	140	1.1
ZZ85872		0.009	0.18	1.58	58	0.11	9.76	246	1.9
ZZ85873		0.019	0.15	1.31	39	0.14	9.74	85	1.0
ZZ85874		0.025	0.12	1.11	39	0.22	13.10	76	1.0
ZZ85875		0.023	0.11	2.09	31	0.08	12.30	69	0.9
ZZ85876		0.011	0.21	3.02	37	0.24	9.42	141	1.1
ZZ85877		0.006	0.23	0.84	78	0.08	11.20	120	1.0
ZZ85878		0.008	0.17	1.33	79	0.10	12.05	137	1.0
ZZ85879		0.008	0.11	1.02	36	0.09	13.75	93	0.9
ZZ85880		0.008	0.15	1.53	42	0.06	11.80	117	1.3
ZZ85881		0.029	0.19	0.70	71	0.24	3.84	93	1.6
ZZ85882		0.018	0.18	0.81	67	0.21	9.11	120	1.6
ZZ85883		0.011	0.13	1.22	43	0.12	9.52	86	0.7
ZZ85884		0.007	0.18	1.44	34	0.05	9.48	168	1.7
ZZ85885		0.007	0.18	1.46	33	0.07	9.36	204	1.8
ZZ85886		0.007	0.21	1.45	42	0.07	11.75	188	2.1
ZZ85887		0.007	0.22	2.09	35	0.05	9.50	220	1.7
ZZ85888		0.007	0.24	2.45	38	0.07	9.48	270	1.9
ZZ85889		0.007	0.22	1.81	43	0.05	11.30	172	1.5
ZZ85890		0.006	0.18	1.26	39	0.05	11.30	193	1.5
ZZ85891		0.017	0.16	1.32	53	0.17	14.95	123	1.0
ZZ85892		0.011	0.09	1.15	35	0.08	13.95	154	1.2
ZZ85893		0.019	0.15	0.67	63	0.18	3.96	130	1.0
ZZ85894		0.015	0.17	0.76	63	0.17	13.30	115	1.5
ZZ85895		0.014	0.11	0.73	50	0.11	5.40	88	1.2
ZZ85896		0.010	0.11	0.54	59	0.10	12.65	94	1.5
ZZ85897		0.037	0.12	1.33	47	0.24	13.80	99	3.5
ZZ85898		0.013	0.16	0.72	61	0.19	6.63	74	1.0
ZZ85899		0.009	0.15	1.06	41	0.08	6.73	183	2.1
ZZ85900		0.006	0.17	0.96	43	0.11	9.09	133	2.5
ZZ85901		0.008	0.10	1.02	34	0.09	7.39	72	1.4
ZZ85902		0.007	0.07	1.94	11	<0.05	4.17	225	0.9
ZZ85903		0.006	0.06	3.70	12	<0.05	4.52	44	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ85904		0.42	<0.001	0.03	0.69	12.4	<0.2	<10	120	0.46	0.26	0.16	0.09	14.50	7.6	14
ZZ85905		0.29	<0.001	0.02	1.74	11.1	<0.2	<10	420	1.39	0.22	0.40	0.23	32.7	11.4	27
ZZ85906		0.27	0.001	0.24	1.24	13.2	<0.2	<10	520	0.86	0.21	1.56	0.30	21.3	11.9	19
ZZ85907		0.42	0.001	0.18	1.15	13.1	<0.2	<10	240	0.49	0.19	0.83	0.29	19.75	8.1	23
ZZ85908		0.29	0.001	0.05	1.98	12.6	<0.2	<10	270	1.00	0.25	0.64	0.52	32.8	10.1	32
ZZ85909		0.37	0.001	0.13	1.72	14.4	<0.2	<10	370	0.93	0.21	2.99	0.30	25.0	8.5	27
ZZ85910		0.26	0.002	0.10	0.40	5.8	<0.2	10	200	0.30	0.06	3.43	0.57	13.55	6.7	17
ZZ85911		0.24	0.002	0.18	0.69	14.0	<0.2	<10	240	0.54	0.12	4.86	0.82	23.8	10.3	32
ZZ85912		0.29	0.001	0.12	0.54	15	<0.2	<10	200	0.46	0.10	11.40	0.67	20.8	9.5	29
ZZ85913		0.37	0.001	0.20	0.66	8.2	<0.2	<10	170	0.56	0.23	1.18	0.42	14.75	8.7	14
ZZ85914		0.36	0.001	0.11	0.38	12.1	<0.2	<10	130	0.40	0.12	9.76	0.40	17.70	7.5	17
ZZ85915		0.34	0.001	0.14	0.63	14.3	<0.2	<10	220	0.51	0.13	7.49	0.63	21.1	8.8	24
ZZ85916		0.25	0.001	0.23	0.67	13.7	<0.2	<10	280	0.56	0.13	5.63	1.51	21.0	10.0	25
ZZ85917		0.28	0.001	0.21	1.30	19.1	<0.2	<10	1010	0.86	0.16	3.82	2.25	25.7	8.0	25
ZZ85918		0.31	<0.001	0.06	1.97	14.5	<0.2	<10	500	1.00	0.20	0.52	0.41	33.1	9.2	35
ZZ85919		0.33	<0.001	0.06	1.95	12.9	<0.2	<10	500	0.99	0.25	0.52	0.29	34.3	9.1	33
ZZ86991		0.10	0.001	0.26	0.46	5.3	<0.2	10	550	0.63	0.10	3.72	0.92	4.80	16.0	7
ZZ86992		0.26	0.002	0.30	1.02	7.9	<0.2	<10	410	0.93	0.20	1.38	0.97	19.70	8.9	26
ZZ86993		0.16	0.007	0.16	0.42	4.2	<0.2	10	370	0.43	0.09	3.29	1.22	9.74	3.9	11
ZZ86994		0.32	0.003	0.13	1.73	15.5	<0.2	<10	410	0.86	0.22	0.39	0.17	31.8	11.3	35
ZZ86995		0.40	0.002	0.28	1.82	20.5	<0.2	<10	440	1.44	0.21	3.44	0.31	43.4	12.3	36
ZZ86996		0.48	0.001	0.19	0.65	14.6	<0.2	<10	180	0.58	0.14	6.72	0.61	16.40	8.4	18
ZZ86997		0.26	0.002	0.24	1.27	12.6	<0.2	<10	460	0.78	0.18	1.78	0.28	24.0	9.0	26
ZZ86998		0.29	0.002	0.25	0.72	8.9	<0.2	<10	420	0.58	0.12	7.60	0.67	16.65	6.0	15
ZZ86999		0.27	0.001	0.02	1.38	10.5	<0.2	<10	250	0.38	0.25	0.25	0.11	26.4	5.1	22
ZZ87000		0.30	0.002	0.12	1.47	12.5	<0.2	<10	250	0.64	0.25	1.06	0.17	26.5	8.2	25

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85904		0.85	11.7	2.83	2.49	<0.05	0.03	0.03	0.024	0.06	6.3	6.0	0.18	609	1.08	<0.01
ZZ85905		1.10	9.8	3.22	4.95	<0.05	0.05	0.04	0.036	0.05	13.8	12.5	0.42	721	1.09	<0.01
ZZ85906		0.65	20.5	2.67	3.71	<0.05	0.05	0.09	0.031	0.05	10.5	9.5	0.45	767	0.81	<0.01
ZZ85907		0.66	13.7	2.56	3.87	<0.05	0.03	0.03	0.026	0.06	9.5	20.4	0.46	327	1.23	<0.01
ZZ85908		1.04	11.7	2.99	5.60	0.06	0.06	0.03	0.036	0.04	15.5	15.7	0.58	323	1.80	<0.01
ZZ85909		1.03	10.7	3.04	4.81	0.06	0.06	0.05	0.030	0.04	13.4	13.1	1.70	380	1.56	<0.01
ZZ85910		0.50	15.1	1.24	1.33	<0.05	0.03	0.09	0.014	0.04	6.7	4.2	0.47	255	1.00	<0.01
ZZ85911		0.61	22.4	2.29	2.21	0.05	0.05	0.11	0.025	0.07	13.0	8.3	2.04	273	1.85	<0.01
ZZ85912		0.72	17.1	2.04	1.80	<0.05	0.04	0.09	0.018	0.07	10.6	8.5	5.62	356	3.33	0.01
ZZ85913		1.01	22.0	2.50	1.87	<0.05	0.04	0.09	0.028	0.06	7.8	9.8	0.29	285	1.24	<0.01
ZZ85914		0.63	13.7	2.25	1.19	<0.05	0.04	0.07	0.020	0.06	7.5	5.0	4.84	471	2.94	0.01
ZZ85915		0.58	17.1	2.33	1.91	<0.05	0.04	0.07	0.022	0.08	10.5	7.5	3.57	318	3.00	<0.01
ZZ85916		0.73	25.6	2.02	2.09	<0.05	0.05	0.11	0.021	0.06	10.6	9.0	2.90	220	2.04	<0.01
ZZ85917		0.58	19.8	2.57	3.40	0.06	0.05	0.05	0.027	0.05	14.4	10.4	1.84	466	2.67	<0.01
ZZ85918		0.71	11.3	2.90	5.36	<0.05	0.07	0.02	0.032	0.03	14.4	14.0	0.52	240	1.97	<0.01
ZZ85919		0.70	10.6	3.00	6.09	0.05	0.06	0.02	0.033	0.04	17.4	13.9	0.52	379	1.17	<0.01
ZZ86991		0.72	31.3	1.82	1.36	<0.05	0.03	0.10	0.010	0.02	2.7	5.6	0.43	803	1.00	<0.01
ZZ86992		1.71	33.3	1.87	3.01	0.06	0.06	0.18	0.025	0.06	10.1	18.2	0.51	101	0.71	<0.01
ZZ86993		0.28	23.2	1.01	1.25	<0.05	0.07	0.18	0.012	0.03	4.7	5.6	0.52	611	0.48	<0.01
ZZ86994		0.86	15.8	3.04	5.25	0.05	0.05	0.06	0.029	0.05	16.6	15.9	0.55	465	1.54	<0.01
ZZ86995		0.83	20.9	3.59	4.11	0.08	0.10	0.10	0.036	0.06	22.3	13.9	2.16	655	2.09	<0.01
ZZ86996		0.54	20.2	2.37	1.84	<0.05	0.05	0.07	0.021	0.05	9.1	9.8	4.25	396	1.97	<0.01
ZZ86997		0.58	17.0	2.49	3.59	0.05	0.05	0.10	0.023	0.05	11.9	15.0	0.84	272	1.36	<0.01
ZZ86998		0.39	34.7	1.84	2.13	<0.05	0.03	0.23	0.019	0.04	9.0	9.1	3.63	523	0.91	<0.01
ZZ86999		1.13	8.0	2.39	5.72	0.06	0.03	0.03	0.022	0.03	12.8	11.2	0.29	153	1.60	<0.01
ZZ87000		0.90	7.8	2.89	4.50	0.07	0.05	0.09	0.028	0.03	14.4	10.7	0.74	309	1.38	<0.01

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VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ85904		0.48	10.6	140	18.1	8.7	<0.001	<0.01	0.53	2.0	0.2	0.3	7.7	<0.01	0.02	1.9
ZZ85905		0.87	23.0	150	20.8	7.8	<0.001	<0.01	0.52	4.9	0.4	0.6	11.4	<0.01	0.03	3.8
ZZ85906		0.75	20.5	670	13.4	6.0	<0.001	0.05	0.68	3.0	0.9	0.4	32.0	<0.01	0.03	1.2
ZZ85907		0.94	23.4	480	17.6	8.4	0.001	0.03	0.62	2.5	0.5	0.4	26.5	<0.01	0.02	1.8
ZZ85908		1.02	27.2	250	19.5	8.7	<0.001	0.01	0.61	4.7	0.6	0.6	18.3	<0.01	0.03	3.8
ZZ85909		0.81	23.5	470	23.4	8.8	<0.001	0.02	0.63	4.2	0.6	0.5	29.1	<0.01	0.03	2.2
ZZ85910		0.44	20.9	720	7.5	3.7	0.001	0.17	0.37	1.7	0.4	0.2	28.5	<0.01	0.01	0.3
ZZ85911		0.66	34.8	880	15.1	5.5	0.003	0.14	0.64	3.1	1.2	0.3	42.3	<0.01	0.02	0.7
ZZ85912		0.44	31.7	720	12.7	5.4	0.001	0.07	0.65	2.8	0.8	0.2	82.3	<0.01	0.02	0.7
ZZ85913		0.34	24.3	470	26.5	6.0	<0.001	0.04	0.59	2.7	0.8	0.2	14.0	<0.01	0.03	1.1
ZZ85914		0.28	20.7	580	14.8	4.4	0.002	0.05	0.52	2.4	0.8	0.2	71.0	<0.01	0.03	1.1
ZZ85915		0.45	28.0	760	17.8	5.6	0.001	0.07	0.69	2.6	0.9	0.3	57.4	<0.01	0.02	0.7
ZZ85916		0.48	38.0	800	19.0	5.5	0.003	0.18	0.87	3.0	1.5	0.3	57.7	<0.01	0.01	1.1
ZZ85917		0.38	26.4	950	28.8	4.5	0.001	0.04	1.37	3.3	1.6	0.4	46.4	<0.01	0.04	1.1
ZZ85918		0.80	29.9	190	22.2	5.2	<0.001	0.01	0.75	4.5	0.8	0.6	15.4	<0.01	0.02	3.7
ZZ85919		1.11	23.4	200	17.8	5.0	<0.001	0.01	0.56	5.0	0.6	0.7	18.4	<0.01	0.04	4.0
ZZ86991		0.21	23.7	900	5.5	2.4	0.001	0.21	0.61	0.6	1.6	<0.2	45.6	<0.01	0.02	0.2
ZZ86992		0.63	36.7	730	17.9	7.8	0.002	0.16	0.89	3.2	2.6	0.3	29.9	<0.01	0.04	1.9
ZZ86993		0.23	17.6	870	7.9	2.1	0.009	0.45	0.46	1.7	2.0	0.2	61.6	<0.01	0.01	0.5
ZZ86994		0.84	33.5	290	18.2	8.1	<0.001	0.01	0.68	4.8	1.1	0.5	18.3	<0.01	0.04	3.8
ZZ86995		0.40	42.6	620	26.0	9.2	0.001	0.02	0.92	7.0	1.4	0.4	37.3	<0.01	0.04	4.1
ZZ86996		0.20	32.2	830	19.8	4.3	0.001	0.02	0.94	3.5	1.0	0.2	61.7	<0.01	0.04	2.1
ZZ86997		0.75	29.0	650	14.1	6.4	0.001	0.04	0.75	3.0	1.3	0.4	31.5	<0.01	0.03	1.7
ZZ86998		0.40	25.1	840	10.5	3.8	<0.001	0.06	0.85	2.0	1.4	0.2	68.8	<0.01	0.02	0.6
ZZ86999		1.03	13.7	190	14.2	7.6	<0.001	<0.01	0.58	2.4	0.4	0.6	11.8	<0.01	0.03	3.4
ZZ87000		0.71	17.8	330	17.8	6.9	<0.001	0.01	0.61	4.2	0.6	0.5	13.6	<0.01	0.04	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ85904		0.010	0.09	0.42	28	0.06	2.25	44	1.0
ZZ85905		0.014	0.15	0.78	54	0.13	7.17	65	1.9
ZZ85906		0.014	0.06	2.43	36	0.15	8.69	46	1.2
ZZ85907		0.027	0.08	0.95	41	0.26	3.52	85	1.1
ZZ85908		0.018	0.15	1.25	62	0.17	8.67	86	1.8
ZZ85909		0.013	0.16	1.25	54	0.17	11.20	97	1.5
ZZ85910		0.008	0.16	1.08	18	0.05	5.25	84	1.2
ZZ85911		0.011	0.34	1.19	32	0.06	10.20	126	1.4
ZZ85912		0.009	0.30	1.55	26	<0.05	8.06	128	1.2
ZZ85913		0.008	0.09	1.37	24	0.06	7.01	102	1.3
ZZ85914		0.006	0.25	1.22	21	<0.05	7.21	88	1.2
ZZ85915		0.009	0.33	1.45	29	0.07	8.63	136	1.1
ZZ85916		0.008	0.32	1.23	31	0.07	9.40	150	1.7
ZZ85917		0.007	0.29	1.23	109	0.09	14.65	378	1.8
ZZ85918		0.011	0.22	0.76	91	0.15	6.59	94	2.2
ZZ85919		0.021	0.15	0.82	74	0.22	10.90	87	1.8
ZZ86991		0.005	0.04	4.29	11	<0.05	4.16	42	1.1
ZZ86992		0.011	0.13	2.77	48	0.10	9.08	87	2.1
ZZ86993		0.006	0.06	2.26	14	<0.05	6.51	41	2.5
ZZ86994		0.018	0.15	0.99	68	0.20	10.45	91	1.5
ZZ86995		0.005	0.18	1.92	57	0.10	21.9	96	2.7
ZZ86996		0.005	0.12	1.11	29	<0.05	10.55	103	1.6
ZZ86997		0.015	0.10	1.41	54	0.14	9.79	81	1.4
ZZ86998		0.010	0.07	2.21	29	0.14	12.40	61	1.1
ZZ86999		0.029	0.16	0.50	56	0.30	2.75	44	1.3
ZZ87000		0.017	0.13	0.77	50	0.22	9.04	64	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: Rackla

CERTIFICATE OF ANALYSIS WH13146493

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

CERTIFICATE WH13150631

Project: Rackla G and H

P.O. No.: S13-R5

This report is for 218 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD023795		0.14	0.002	0.36	0.67	16.0	<0.2	<10	550	0.53	0.15	6.99	1.31	17.85	11.1	34
DD023796		0.16	<0.001	0.07	0.92	11.5	<0.2	<10	250	0.27	0.18	0.27	0.92	15.20	6.8	42
DD023797		0.16	<0.001	0.07	2.01	13.1	<0.2	<10	270	0.92	0.23	1.03	1.20	31.6	8.2	33
DD023798		0.22	0.001	0.17	1.44	8.9	<0.2	<10	210	0.56	0.17	5.26	0.46	20.7	5.4	23
DD023799		0.21	0.002	0.18	1.36	9.0	<0.2	<10	310	0.66	0.17	0.88	0.50	25.3	8.4	25
DD023800		0.20	<0.001	0.03	1.82	10.2	<0.2	<10	430	0.87	0.18	0.88	0.56	31.0	7.4	27
DD023801		0.19	0.001	0.07	2.00	12.2	<0.2	<10	330	0.64	0.24	0.53	0.25	28.5	9.5	32
DD023802		0.22	0.001	0.23	1.47	13.7	<0.2	<10	160	1.10	0.21	6.58	1.66	41.3	8.8	24
DD023803		0.22	<0.001	0.10	1.55	19.3	<0.2	<10	340	1.20	0.24	4.44	0.71	34.5	9.9	27
DD023804		0.17	0.001	0.05	2.25	13.2	<0.2	<10	240	0.90	0.27	0.51	0.28	37.3	9.0	33
DD023805		0.22	0.001	0.02	2.08	12.4	<0.2	<10	220	0.75	0.27	0.38	0.30	27.0	8.3	28
DD023806		0.21	0.001	0.20	1.29	11	<0.2	<10	180	0.75	0.15	10.70	0.34	18.45	6.9	20
DD023807		0.26	0.002	0.20	1.79	10.2	<0.2	<10	400	0.72	0.24	0.72	0.17	36.5	7.4	30
DD023808		0.07	0.008	0.09	0.18	0.7	<0.2	<10	140	0.09	0.04	3.78	1.96	2.09	1.1	3
DD023809		0.21	0.002	0.20	1.14	16.6	<0.2	<10	150	0.67	0.19	4.49	0.56	26.9	9.5	21
DD023810		0.22	0.001	0.14	0.99	15	<0.2	<10	150	0.70	0.17	11.10	0.60	17.65	6.1	17
DD023811		0.20	<0.001	0.07	1.83	13.3	<0.2	<10	270	0.83	0.26	1.73	0.49	30.1	8.8	29
DD023812		0.16	0.002	0.39	0.74	17.5	<0.2	<10	600	0.56	0.18	5.97	1.35	19.45	11.6	33
DD023813		0.16	0.005	0.41	0.67	17.6	<0.2	<10	580	0.54	0.15	7.14	1.37	17.70	10.6	33
DD023814		0.22	0.002	0.28	0.64	16.0	<0.2	<10	440	0.50	0.15	7.33	0.98	18.25	11.5	35
DD023815		0.17	0.003	0.36	0.77	19.8	<0.2	<10	450	0.60	0.19	5.28	1.47	20.3	15.1	45
DD023816		0.19	0.002	0.41	0.76	17.8	<0.2	<10	530	0.64	0.19	6.26	1.53	19.50	11.8	32
DD023817		0.19	0.003	0.52	0.87	16.6	<0.2	<10	580	0.69	0.21	5.62	1.48	21.4	13.8	34
DD023818		0.30	<0.001	0.04	2.17	11.1	<0.2	<10	380	0.84	0.29	0.46	0.36	30.9	9.1	30
DD023819		0.20	0.001	0.33	0.89	14.4	<0.2	<10	450	0.62	0.15	7.23	1.23	20.1	6.9	19
DD023820		0.27	0.003	0.50	0.62	13.4	<0.2	<10	400	0.52	0.12	7.98	1.11	19.15	6.4	15
DD023821		0.16	0.001	0.09	1.80	14.6	<0.2	<10	410	0.85	0.21	0.92	1.55	27.9	7.5	30
DD023822		0.19	0.001	0.12	1.11	20.9	<0.2	<10	420	0.87	0.27	4.49	0.65	48.2	15.6	20
DD023823		0.15	0.001	0.08	1.17	20.1	<0.2	<10	450	0.48	0.24	1.49	1.13	19.40	10.7	26
DD023824		0.12	<0.001	0.21	1.21	14.8	<0.2	<10	430	0.73	0.21	2.55	2.10	20.0	8.8	26
DD023825		0.12	0.001	0.31	1.23	14.9	<0.2	<10	750	0.74	0.20	2.56	2.01	19.05	9.8	26
DD023826		0.11	0.004	0.35	1.15	21.4	<0.2	<10	420	0.63	0.18	1.58	2.18	22.2	8.1	27
DD023827		0.09	0.006	0.29	0.93	17.3	<0.2	<10	300	0.51	0.15	2.39	0.88	18.05	6.2	24
DD023828		0.10	0.006	0.17	0.75	12.8	<0.2	<10	250	0.53	0.13	3.78	0.82	12.55	7.0	17
DD023829		0.11	0.002	0.14	0.80	10.4	<0.2	<10	180	0.57	0.13	8.48	0.62	13.40	7.5	17
DD023830		0.10	0.008	0.13	0.74	7.7	<0.2	<10	250	0.38	0.10	3.54	0.56	14.95	7.4	20
DD023831		0.16	0.009	0.17	0.77	9.3	<0.2	<10	330	0.45	0.12	4.50	0.85	14.95	7.0	17
DD023832		0.12	0.001	0.18	1.17	21.0	<0.2	<10	360	0.74	0.15	2.09	0.72	34.2	17.0	47
DD023833		0.07	0.011	0.15	0.91	13.5	<0.2	<10	310	0.58	0.12	2.67	0.67	25.4	10.8	35
DD023834		0.17	0.002	0.31	0.81	21.7	<0.2	<10	490	0.63	0.20	5.24	1.38	20.8	13.9	40

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD023795		1.13	32.5	2.18	2.08	<0.05	0.06	0.21	0.020	0.07	9.8	11.2	3.75	329	2.54	0.01
DD023796		0.95	9.5	2.53	3.26	<0.05	0.03	0.04	0.023	0.10	8.2	10.2	0.36	635	1.55	<0.01
DD023797		1.01	12.9	3.04	5.54	<0.05	0.05	0.05	0.034	0.05	16.5	14.5	0.67	286	1.34	<0.01
DD023798		0.83	8.1	2.22	4.16	<0.05	0.03	0.05	0.022	0.04	12.4	10.6	2.98	240	0.90	0.01
DD023799		0.59	18.6	2.72	3.88	<0.05	0.04	0.07	0.024	0.07	13.4	19.8	0.57	343	0.72	<0.01
DD023800		0.51	6.6	3.00	4.87	<0.05	0.07	0.02	0.032	0.05	12.4	11.4	0.53	790	1.29	<0.01
DD023801		1.23	12.7	3.05	6.10	<0.05	0.02	0.03	0.034	0.04	12.1	14.9	0.46	395	1.42	0.01
DD023802		0.81	15.1	2.51	3.57	0.07	0.04	0.08	0.033	0.04	24.4	11.4	3.90	779	1.73	0.01
DD023803		0.78	13.6	3.19	4.37	0.05	0.07	0.08	0.036	0.06	20.7	11.6	2.20	874	1.85	<0.01
DD023804		1.31	10.2	2.98	6.07	<0.05	0.06	0.04	0.032	0.04	18.7	15.4	0.55	253	1.83	<0.01
DD023805		1.18	9.5	2.93	6.20	<0.05	0.04	0.02	0.030	0.04	13.6	18.3	0.45	157	1.69	<0.01
DD023806		0.70	12.2	1.94	3.44	<0.05	0.08	0.15	0.022	0.06	10.8	10.2	5.71	263	1.79	0.01
DD023807		1.09	18.0	2.45	5.37	<0.05	0.07	0.09	0.027	0.05	19.1	17.0	0.69	152	1.63	<0.01
DD023808		0.07	12.2	0.26	0.47	<0.05	0.03	0.07	<0.005	0.01	1.1	0.2	0.41	22	2.65	0.01
DD023809		0.55	13.0	2.23	3.36	<0.05	0.05	0.08	0.024	0.06	12.8	10.8	2.60	365	3.45	0.01
DD023810		0.76	13.4	1.71	2.82	<0.05	0.05	0.12	0.018	0.05	8.8	8.4	5.93	265	3.21	0.01
DD023811		0.91	11.4	2.77	5.53	<0.05	0.05	0.04	0.031	0.05	14.3	13.3	1.09	410	2.20	0.01
DD023812		1.29	36.9	2.27	2.29	<0.05	0.05	0.23	0.022	0.06	10.5	12.6	3.64	359	3.27	0.01
DD023813		1.17	34.9	2.14	2.08	<0.05	0.05	0.21	0.020	0.07	9.7	11.5	3.62	330	3.10	0.01
DD023814		1.34	28.1	2.19	2.05	<0.05	0.04	0.15	0.020	0.06	9.9	12.0	4.19	450	2.49	0.01
DD023815		1.62	39.9	2.72	2.34	0.05	0.05	0.23	0.023	0.07	10.7	13.8	3.54	544	2.36	0.01
DD023816		1.35	38.4	2.37	2.30	0.05	0.06	0.20	0.022	0.07	10.4	13.7	3.16	414	2.93	0.01
DD023817		1.66	40.6	1.93	2.72	<0.05	0.06	0.26	0.027	0.07	11.6	15.2	3.24	375	3.79	0.01
DD023818		1.09	10.0	3.02	6.89	<0.05	0.04	0.03	0.038	0.04	15.4	18.1	0.42	529	1.63	<0.01
DD023819		0.62	31.1	2.03	2.60	<0.05	0.03	0.16	0.019	0.05	11.7	10.6	3.28	401	1.52	0.01
DD023820		0.83	24.2	1.68	1.82	<0.05	0.04	0.15	0.021	0.07	10.8	8.4	3.55	325	2.81	0.01
DD023821		0.69	12.9	2.90	5.31	<0.05	0.04	0.03	0.029	0.03	14.0	13.7	0.61	202	2.34	<0.01
DD023822		0.65	18.6	4.59	3.30	0.05	0.04	0.07	0.038	0.05	22.5	11.0	2.41	1320	3.05	0.01
DD023823		0.67	19.2	2.59	3.82	<0.05	0.03	0.09	0.029	0.06	8.7	14.2	0.49	533	2.76	<0.01
DD023824		0.67	30.1	2.13	3.48	<0.05	0.03	0.09	0.024	0.06	10.6	10.6	0.73	479	1.84	0.01
DD023825		0.65	38.8	2.08	3.61	<0.05	0.04	0.17	0.022	0.05	10.8	9.7	0.45	665	2.26	0.01
DD023826		0.78	35.2	2.32	3.49	<0.05	0.06	0.24	0.023	0.06	12.6	11.8	0.44	204	2.56	<0.01
DD023827		0.86	17.0	2.25	2.85	<0.05	0.05	0.23	0.021	0.05	10.2	7.8	0.42	108	1.50	0.01
DD023828		0.60	24.2	1.36	2.17	<0.05	0.03	0.14	0.014	0.04	6.6	5.2	0.54	569	1.40	0.01
DD023829		0.61	22.1	1.36	2.19	<0.05	0.03	0.13	0.013	0.04	6.8	6.1	4.00	581	0.94	0.01
DD023830		0.66	12.6	1.38	2.26	<0.05	0.04	0.11	0.016	0.05	7.7	6.4	0.77	390	0.62	0.01
DD023831		0.49	15.6	1.37	2.29	<0.05	0.04	0.13	0.015	0.04	7.7	6.4	1.08	420	0.63	0.01
DD023832		1.01	18.1	3.55	3.83	<0.05	0.04	0.11	0.029	0.09	16.8	12.1	0.54	627	1.59	<0.01
DD023833		0.73	17.6	2.48	2.79	<0.05	0.05	0.10	0.023	0.07	13.4	8.9	0.52	293	1.51	0.01
DD023834		1.38	38.7	2.63	2.48	0.05	0.06	0.50	0.023	0.07	10.8	15.8	3.27	534	2.71	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
DD023795		0.31	79.4	1000	23.8	6.0	0.003	0.05	1.31	3.0	1.4	0.2	88.4	<0.01	0.05	2.0
DD023796		0.29	25.5	1020	16.2	22.0	<0.001	0.04	0.43	1.7	0.4	0.3	14.5	<0.01	0.04	1.0
DD023797		0.91	26.0	570	17.9	8.5	<0.001	0.04	0.53	5.0	0.8	0.6	18.9	<0.01	0.03	2.0
DD023798		0.69	15.1	590	12.7	7.9	<0.001	0.04	0.39	2.5	0.5	0.5	45.0	<0.01	0.02	0.8
DD023799		0.66	24.6	890	13.4	7.4	0.001	0.04	0.44	3.8	0.7	0.3	26.3	<0.01	0.02	2.1
DD023800		0.76	17.0	250	22.7	5.8	0.001	0.03	0.47	4.3	0.4	0.5	15.8	<0.01	0.03	3.1
DD023801		1.03	21.5	600	18.7	7.6	<0.001	0.03	0.49	3.1	0.4	0.6	17.5	<0.01	0.04	1.9
DD023802		0.67	22.0	910	22.0	7.4	0.001	0.03	0.93	6.2	1.3	0.4	42.7	<0.01	0.03	2.2
DD023803		0.54	20.7	600	28.4	10.4	0.001	0.05	0.82	5.9	0.7	0.5	43.6	<0.01	0.03	1.8
DD023804		1.33	22.4	240	18.2	11.9	0.001	0.01	0.66	5.3	0.7	0.6	14.1	<0.01	0.02	5.2
DD023805		1.30	21.7	220	17.1	9.6	0.001	0.01	0.60	3.1	0.4	0.6	10.9	<0.01	0.02	3.7
DD023806		0.52	23.8	540	13.0	6.9	0.002	0.02	0.71	3.8	0.5	0.4	70.3	<0.01	0.01	2.1
DD023807		1.09	25.3	780	14.9	8.0	0.001	0.01	0.52	4.8	0.5	0.6	23.4	<0.01	0.03	5.5
DD023808		0.18	4.9	420	8.0	0.4	0.001	0.24	0.28	0.5	0.3	<0.2	41.4	<0.01	<0.01	0.2
DD023809		0.74	26.7	830	14.2	6.4	0.002	0.02	0.83	3.1	<0.2	0.4	41.4	<0.01	<0.01	2.3
DD023810		0.53	19.3	670	19.8	5.5	0.002	0.04	1.12	1.9	0.3	0.3	69.3	<0.01	<0.01	0.9
DD023811		1.14	22.3	270	17.7	8.3	0.001	0.02	0.69	4.0	0.3	0.6	19.9	<0.01	0.01	2.9
DD023812		0.37	80.2	1020	27.2	5.9	0.004	0.05	1.52	3.2	2.0	0.3	68.0	<0.01	0.03	2.1
DD023813		0.37	76.6	1010	23.1	5.8	0.004	0.06	1.52	2.9	2.0	0.2	88.9	<0.01	0.03	1.7
DD023814		0.34	81.1	950	21.4	5.5	0.002	0.04	1.12	2.8	0.9	0.2	83.0	<0.01	0.02	2.3
DD023815		0.37	118.5	980	26.4	7.1	0.003	0.06	1.25	3.6	1.6	0.2	78.7	<0.01	0.03	2.5
DD023816		0.37	76.1	940	26.8	6.0	0.003	0.05	1.48	3.3	1.7	0.3	84.0	<0.01	0.03	2.1
DD023817		0.44	84.7	900	28.8	6.5	0.005	0.05	1.69	3.9	1.9	0.3	73.5	<0.01	0.05	2.6
DD023818		1.05	21.2	260	22.3	8.5	0.001	0.01	0.50	4.4	0.2	0.7	14.5	<0.01	0.02	3.4
DD023819		0.44	27.1	1120	23.2	5.2	0.002	0.07	1.14	2.2	1.1	0.3	82.3	<0.01	0.01	0.5
DD023820		0.23	33.1	1160	22.3	5.7	0.002	0.05	1.41	2.7	0.6	0.2	102.0	<0.01	0.03	0.8
DD023821		0.72	24.6	220	26.2	4.4	0.001	0.02	0.92	4.1	0.2	0.6	18.6	<0.01	0.03	2.5
DD023822		0.53	23.3	660	32.7	6.8	0.001	0.03	1.15	4.2	0.9	0.4	32.0	<0.01	0.05	2.5
DD023823		0.73	27.8	730	30.3	9.0	0.002	0.07	1.19	1.9	<0.2	0.4	22.0	<0.01	0.02	0.7
DD023824		0.67	33.9	990	18.0	8.0	0.001	0.09	0.91	1.6	0.6	0.4	23.7	<0.01	<0.01	0.5
DD023825		0.63	40.7	1330	20.1	6.2	0.002	0.12	1.10	1.4	1.1	0.3	31.6	<0.01	<0.01	0.5
DD023826		0.76	33.5	810	23.5	7.0	0.004	0.13	1.21	3.4	1.7	0.3	22.9	<0.01	0.01	1.8
DD023827		0.71	26.2	1040	28.1	5.2	0.002	0.20	0.76	2.6	0.3	0.3	25.5	<0.01	<0.01	0.8
DD023828		0.54	16.8	1590	26.9	5.4	0.001	0.17	0.76	1.0	<0.2	0.2	25.1	<0.01	0.01	0.3
DD023829		0.52	14.6	2040	39.7	6.1	0.001	0.09	0.57	1.3	<0.2	0.3	36.2	<0.01	<0.01	0.5
DD023830		0.59	15.9	1300	19.2	6.0	0.002	0.13	0.43	1.7	<0.2	0.2	25.9	<0.01	<0.01	0.5
DD023831		0.56	16.1	1480	24.2	5.6	0.001	0.13	0.55	1.5	0.2	0.2	29.8	<0.01	<0.01	0.5
DD023832		0.96	36.4	910	23.3	7.7	0.002	0.10	0.79	4.9	0.2	0.4	23.0	<0.01	<0.01	1.1
DD023833		0.79	29.6	850	18.3	6.6	0.002	0.13	0.60	3.5	0.2	0.3	25.5	<0.01	<0.01	0.9
DD023834		0.35	97.8	960	30.5	6.1	0.003	0.05	1.37	3.4	0.9	0.2	67.1	<0.01	0.02	2.4

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023795		0.007	0.23	1.73	38	0.05	11.00	183	2.1
DD023796		0.008	0.16	0.72	55	<0.05	2.99	206	0.7
DD023797		0.018	0.17	2.13	64	0.19	14.10	111	1.5
DD023798		0.019	0.12	1.40	52	0.19	8.94	75	0.8
DD023799		0.020	0.08	1.46	41	0.10	10.30	110	1.1
DD023800		0.012	0.13	0.51	66	0.11	7.50	102	2.1
DD023801		0.024	0.17	1.13	69	0.28	5.75	70	0.7
DD023802		0.013	0.14	2.20	43	0.14	24.5	86	1.3
DD023803		0.006	0.18	1.02	61	0.12	26.2	90	2.2
DD023804		0.028	0.18	0.98	63	0.27	9.91	96	2.2
DD023805		0.022	0.17	0.67	64	0.23	4.75	80	1.3
DD023806		0.010	0.17	1.28	45	0.11	9.99	72	2.3
DD023807		0.031	0.14	1.97	54	0.24	10.75	102	2.6
DD023808		0.006	0.02	8.73	3	<0.05	0.95	82	0.9
DD023809		0.022	0.16	1.64	38	0.19	8.53	132	1.3
DD023810		0.013	0.22	1.76	31	0.23	6.99	106	1.4
DD023811		0.022	0.19	1.17	56	0.20	6.75	112	1.5
DD023812		0.007	0.24	1.77	40	0.05	11.50	187	1.9
DD023813		0.007	0.26	1.69	39	0.10	11.25	178	1.9
DD023814		0.007	0.21	1.53	31	0.05	9.80	169	1.6
DD023815		0.007	0.26	1.79	35	0.06	11.35	209	2.0
DD023816		0.008	0.25	1.69	38	0.07	11.45	198	1.9
DD023817		0.009	0.37	2.28	43	0.06	12.50	209	2.1
DD023818		0.016	0.17	0.93	73	0.21	7.90	82	1.3
DD023819		0.009	0.16	2.12	40	0.08	14.35	119	1.2
DD023820		0.005	0.18	1.75	50	0.06	14.05	132	1.3
DD023821		0.007	0.17	0.73	102	0.12	8.98	117	1.3
DD023822		0.010	0.21	1.37	57	0.22	12.50	90	1.2
DD023823		0.018	0.16	1.17	54	0.12	4.30	197	0.8
DD023824		0.016	0.14	2.92	43	0.11	9.45	191	1.0
DD023825		0.014	0.12	4.77	43	0.11	11.15	121	1.2
DD023826		0.012	0.46	2.53	52	0.11	13.05	152	2.3
DD023827		0.011	0.63	2.00	42	0.11	9.45	130	1.7
DD023828		0.012	0.45	4.46	32	0.06	6.16	139	1.1
DD023829		0.012	0.36	2.36	33	0.07	6.18	172	1.1
DD023830		0.012	0.20	1.45	29	<0.05	5.57	114	1.3
DD023831		0.011	0.20	2.82	29	0.09	6.28	138	1.3
DD023832		0.012	0.30	1.90	54	0.08	11.45	135	1.3
DD023833		0.009	0.22	2.05	38	0.07	9.53	118	1.6
DD023834		0.007	0.20	1.54	35	0.09	10.75	205	2.2

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 7- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD023835		0.20	0.002	0.43	0.65	16.8	<0.2	<10	660	0.53	0.15	6.95	1.40	17.80	10.3	34
DD023836		0.14	0.002	0.54	0.70	18.6	<0.2	<10	880	0.61	0.15	5.31	1.77	17.85	10.9	35
DD023837		0.20	0.002	0.31	0.99	32.6	<0.2	<10	410	0.75	0.26	1.51	2.42	20.3	21.4	58
DD023838		0.14	0.002	0.29	0.77	17.5	<0.2	<10	680	0.59	0.16	3.98	1.10	17.75	10.8	39
DD023839		0.13	0.003	0.33	0.66	15.1	<0.2	<10	530	0.54	0.14	6.55	1.27	17.80	10.1	33
DD023840		0.17	0.003	0.68	0.95	29.1	<0.2	<10	710	0.74	0.22	2.82	2.49	24.2	14.1	43
DD023841		0.19	0.002	0.42	0.79	30.2	<0.2	<10	490	0.63	0.17	3.67	1.64	22.9	13.4	43
DD023842		0.13	0.012	0.42	0.88	18.9	<0.2	<10	540	0.58	0.14	4.03	2.31	17.95	8.6	25
DD023843		0.19	0.003	0.48	1.00	15.3	<0.2	<10	710	0.63	0.17	1.85	1.82	20.8	11.2	28
DD023844		0.16	0.002	0.12	1.98	14.7	<0.2	<10	300	1.09	0.20	2.82	0.62	29.4	10.6	33
DD023845		0.12	0.009	0.39	0.83	18.7	<0.2	<10	710	0.55	0.14	4.04	1.96	15.70	6.7	24
DD023846		0.16	0.003	0.34	0.88	20.2	<0.2	<10	410	0.52	0.15	6.14	1.70	20.1	9.1	24
DD023847		0.23	0.001	0.20	0.79	11.2	<0.2	<10	560	0.45	0.12	8.10	0.58	20.6	5.6	19
DD023848		0.08	0.008	0.24	0.77	5.8	<0.2	<10	630	0.39	0.09	3.66	4.10	12.35	4.1	18
DD023849		0.17	0.002	0.35	1.13	18.0	<0.2	<10	550	0.66	0.17	4.93	2.74	22.8	9.1	23
DD023850		0.09	0.004	0.60	1.00	2.7	<0.2	<10	620	0.59	0.16	3.13	33.9	21.9	6.1	27
DD023851		0.08	0.004	0.45	0.81	15.8	<0.2	<10	630	0.44	0.13	2.39	3.02	17.25	8.1	22
DD023852		0.09	0.003	0.51	0.93	13.2	<0.2	<10	480	0.52	0.14	2.56	1.97	17.50	5.1	28
DD023853		0.10	0.005	0.59	0.85	15.8	<0.2	<10	460	0.54	0.14	2.74	1.95	16.25	6.6	25
DD023854		0.08	0.004	0.60	1.10	13.6	<0.2	10	640	0.57	0.15	3.61	2.83	15.35	7.0	32
DD023855		0.13	0.004	0.39	0.76	10.0	<0.2	<10	440	0.47	0.12	3.57	1.93	13.10	5.3	22
DD023856		0.24	0.005	1.66	0.97	30.7	<0.2	10	750	0.87	0.19	1.31	15.60	25.0	10.6	36
DD023857		0.11	0.005	0.90	0.98	26.8	<0.2	<10	520	0.70	0.17	2.12	1.81	20.4	7.6	26
DD023858		0.18	<0.001	0.36	1.44	14.9	<0.2	<10	520	0.56	0.20	1.33	1.53	16.60	8.0	28
DD023859		0.21	0.001	0.10	2.08	16.7	<0.2	<10	690	0.89	0.18	0.31	0.67	23.7	8.7	38
DD023860		0.20	0.003	0.74	1.22	25.1	<0.2	<10	1130	0.70	0.20	0.87	2.22	29.4	8.5	31
DD023861		0.13	0.005	0.57	0.87	21.3	<0.2	<10	2100	0.48	0.14	1.87	2.87	18.05	7.0	23
DD023862		0.16	0.005	1.18	0.88	23.3	<0.2	<10	2200	0.58	0.16	1.57	2.05	21.4	7.1	23
DD023863		0.21	0.003	0.84	0.93	49.2	<0.2	<10	920	0.60	0.20	0.24	1.88	43.2	5.9	19
DD023864		0.12	0.006	1.23	0.93	45.8	<0.2	<10	1370	0.48	0.20	0.47	4.94	27.8	3.5	38
DD023865		0.20	0.006	1.19	0.87	57.8	<0.2	<10	970	0.66	0.17	0.48	5.02	33.3	6.7	32
DD023866		0.25	0.007	1.12	0.72	62.5	<0.2	<10	750	0.61	0.15	0.80	5.08	34.2	8.6	21
DD023867		0.13	0.007	1.62	0.92	50.9	<0.2	<10	1010	0.80	0.20	0.84	5.09	31.3	8.9	27
DD023868		0.19	0.006	1.24	1.03	46.5	<0.2	10	5890	0.79	0.17	1.30	4.32	27.7	10.4	30
DD023869		0.09	0.009	1.52	1.02	22.5	<0.2	<10	1120	0.76	0.20	0.87	5.94	33.5	4.9	29
ZZ85920		0.41	0.002	0.04	0.76	2.2	<0.2	<10	240	0.91	0.17	8.94	0.15	30.8	5.9	19
ZZ85921		0.38	0.001	0.21	0.97	15.0	<0.2	<10	130	0.58	0.11	9.61	1.12	14.55	6.3	15
ZZ85922		0.41	0.004	0.12	0.55	8	<0.2	10	220	0.47	0.09	10.65	0.91	12.35	4.7	10
ZZ85923		0.45	0.002	0.16	0.95	9	<0.2	<10	160	0.57	0.13	10.90	0.48	15.95	6.2	16
ZZ85924		0.35	0.002	0.29	0.64	15	<0.2	<10	130	0.56	0.08	12.15	0.57	11.40	4.1	12

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD023835		1.18	34.1	2.20	1.98	0.05	0.05	0.18	0.022	0.07	9.7	10.9	3.81	336	3.42	0.01
DD023836		1.12	38.5	2.32	2.06	<0.05	0.06	0.31	0.022	0.07	9.9	10.8	3.20	393	3.40	0.01
DD023837		1.78	44.2	3.64	2.73	0.05	0.07	0.23	0.022	0.08	10.6	24.5	1.80	745	2.86	0.01
DD023838		0.88	28.4	2.39	2.19	0.05	0.07	0.72	0.023	0.08	9.4	11.5	2.65	393	2.63	0.01
DD023839		1.17	29.5	2.24	1.98	0.05	0.05	0.16	0.020	0.07	9.5	11.3	3.68	337	2.52	0.01
DD023840		1.29	52.1	2.71	2.75	0.05	0.08	0.31	0.025	0.08	12.9	14.7	1.98	457	3.83	0.01
DD023841		1.29	34.4	3.46	2.38	0.05	0.05	0.20	0.024	0.09	12.4	13.0	2.82	238	3.30	<0.01
DD023842		0.62	30.8	1.99	2.39	<0.05	0.06	0.35	0.019	0.06	9.9	11.0	2.11	192	1.50	0.01
DD023843		0.55	32.9	1.55	2.69	0.05	0.06	0.32	0.023	0.09	11.1	12.8	0.58	935	2.00	0.01
DD023844		0.90	11.7	3.35	3.69	0.05	0.04	0.08	0.038	0.05	14.9	19.3	1.36	473	1.44	0.01
DD023845		0.56	29.2	1.79	2.18	<0.05	0.05	0.31	0.018	0.08	9.1	9.6	1.34	339	1.46	0.01
DD023846		0.57	28.2	2.25	2.45	0.05	0.05	0.15	0.020	0.07	10.2	12.3	3.30	532	3.98	0.01
DD023847		0.44	13.0	1.72	2.23	<0.05	0.05	0.08	0.020	0.06	10.8	11.4	4.40	126	4.82	0.01
DD023848		0.63	59.4	1.08	2.20	0.05	0.06	0.48	0.014	0.03	7.7	7.5	0.37	103	1.13	0.01
DD023849		0.65	23.9	2.60	3.02	<0.05	0.04	0.12	0.025	0.06	12.2	13.1	2.31	557	5.34	0.01
DD023850		0.82	55.7	1.22	2.87	0.06	0.07	0.24	0.023	0.06	12.8	10.0	1.07	272	0.48	0.01
DD023851		0.58	28.7	1.87	2.46	<0.05	0.05	0.20	0.019	0.05	10.9	8.6	0.27	334	2.42	<0.01
DD023852		0.59	23.2	1.67	2.50	0.05	0.04	0.23	0.021	0.07	13.6	8.7	0.27	185	0.84	0.01
DD023853		0.73	25.8	1.79	2.52	<0.05	0.04	0.26	0.020	0.07	11.0	8.4	0.27	263	1.45	0.01
DD023854		0.85	21.6	1.77	2.94	<0.05	0.04	0.31	0.024	0.07	14.8	8.3	0.32	545	2.15	0.01
DD023855		0.68	18.1	1.35	2.16	<0.05	0.03	0.21	0.015	0.05	11.6	6.1	0.23	401	0.99	0.01
DD023856		3.07	61.2	3.06	2.51	0.06	0.06	0.27	0.037	0.11	19.8	9.3	0.29	445	11.85	0.01
DD023857		0.76	32.6	2.01	2.70	0.06	0.06	0.18	0.026	0.09	22.5	8.9	0.31	289	2.53	0.01
DD023858		1.11	15.4	2.42	4.09	<0.05	0.03	0.07	0.032	0.05	19.0	13.4	0.29	609	3.51	0.01
DD023859		1.10	12.5	2.86	5.32	<0.05	0.05	0.04	0.033	0.06	20.2	18.6	0.40	267	3.46	<0.01
DD023860		0.92	40.1	2.67	3.38	0.05	0.04	0.32	0.027	0.09	16.6	15.3	0.36	272	4.29	0.01
DD023861		0.48	29.8	2.43	2.39	<0.05	0.06	0.18	0.019	0.06	10.0	8.7	0.31	471	3.15	<0.01
DD023862		0.57	34.3	1.93	2.32	<0.05	0.04	0.20	0.024	0.05	12.5	6.6	0.18	511	5.09	<0.01
DD023863		1.44	29.9	2.54	2.87	0.05	0.02	0.56	0.029	0.10	24.6	6.4	0.16	305	7.92	0.01
DD023864		1.09	41.4	1.96	3.29	0.05	0.02	0.97	0.023	0.11	16.7	7.7	0.25	87	8.77	0.01
DD023865		1.37	58.5	2.49	2.70	0.06	0.03	0.59	0.027	0.13	19.4	7.3	0.27	413	11.70	0.01
DD023866		1.37	46.5	2.41	2.21	0.06	0.04	0.58	0.027	0.14	19.2	7.1	0.29	867	7.02	0.01
DD023867		1.28	58.0	2.46	2.94	0.06	0.04	0.65	0.031	0.12	17.4	7.6	0.26	458	6.91	0.01
DD023868		1.16	78.5	2.80	2.86	0.06	0.07	0.44	0.029	0.14	16.3	9.9	0.36	300	5.85	<0.01
DD023869		1.42	86.4	1.71	2.99	0.07	0.07	0.77	0.034	0.15	19.1	9.4	0.33	318	2.85	0.01
ZZ85920		1.88	27.2	1.57	2.10	0.05	0.07	0.03	0.020	0.13	17.3	8.5	1.33	159	0.27	0.01
ZZ85921		0.70	13.8	1.72	2.53	<0.05	0.07	0.24	0.021	0.09	7.0	9.3	4.44	275	1.72	0.01
ZZ85922		0.73	21.6	1.10	1.48	<0.05	0.04	0.13	0.010	0.07	6.1	6.5	4.76	180	1.22	0.01
ZZ85923		0.71	11.7	1.58	2.60	<0.05	0.05	0.08	0.017	0.07	7.9	8.3	5.72	257	1.71	0.01
ZZ85924		0.71	17.0	1.28	1.69	<0.05	0.06	0.41	0.013	0.07	6.3	6.1	6.69	136	1.58	0.01

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ALS Canada Ltd.

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1016-510 W HASTINGS ST
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Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
DD023835		0.43	85.0	1080	22.5	5.7	0.004	0.04	1.43	3.1	1.8	0.2	90.3	<0.01	0.04	1.9
DD023836		0.39	82.6	1240	25.0	5.8	0.004	0.05	1.68	3.0	2.3	0.3	71.4	<0.01	0.06	1.7
DD023837		0.21	151.0	850	37.8	6.2	0.004	0.05	1.48	3.0	2.0	0.2	54.3	<0.01	0.06	2.6
DD023838		0.38	87.1	1250	22.8	5.7	0.002	0.06	1.25	2.9	1.9	0.3	53.3	<0.01	0.06	1.6
DD023839		0.41	73.7	1060	21.7	5.6	0.003	0.04	1.16	2.9	1.4	0.2	78.6	<0.01	0.05	1.9
DD023840		0.47	110.0	1150	42.3	7.4	0.003	0.05	2.25	3.9	2.1	0.3	52.1	<0.01	0.07	2.6
DD023841		0.45	90.7	1210	26.3	7.0	0.001	0.02	1.06	3.5	1.1	0.3	48.5	<0.01	0.06	2.5
DD023842		0.44	70.3	1140	23.0	6.9	0.008	0.08	3.67	2.9	4.2	0.3	44.2	<0.01	0.05	1.5
DD023843		0.40	69.4	1140	31.1	6.7	0.011	0.11	3.73	2.9	4.2	0.3	37.6	<0.01	0.05	1.5
DD023844		0.96	28.7	890	24.6	6.8	0.001	0.05	0.73	3.9	1.2	0.4	39.7	0.01	0.04	1.6
DD023845		0.41	63.2	1000	20.9	6.3	0.004	0.09	2.63	2.3	3.4	0.2	53.5	<0.01	0.04	0.8
DD023846		0.44	50.1	920	23.3	5.5	0.002	0.03	1.74	3.1	1.5	0.3	64.8	<0.01	0.04	1.5
DD023847		0.55	21.3	960	26.6	5.9	0.004	0.06	0.97	2.9	2.7	0.2	74.5	<0.01	0.02	2.2
DD023848		0.60	32.8	800	8.6	3.7	0.017	0.25	2.71	2.5	6.7	0.2	63.3	<0.01	0.02	0.6
DD023849		0.61	45.1	1010	29.8	6.9	0.004	0.05	1.40	3.3	2.2	0.3	50.9	<0.01	0.03	1.3
DD023850		0.99	97.7	990	19.7	7.1	0.017	0.17	3.61	3.6	9.4	0.3	47.7	<0.01	0.04	2.2
DD023851		0.65	28.3	1050	27.1	7.1	0.005	0.17	1.95	2.0	2.8	0.3	40.7	<0.01	0.04	0.9
DD023852		0.58	28.0	1170	35.4	7.2	0.003	0.10	1.27	2.0	2.4	0.3	34.3	<0.01	0.05	0.8
DD023853		0.56	36.8	1080	33.1	6.5	0.002	0.10	1.50	1.8	2.5	0.3	38.1	<0.01	0.04	0.6
DD023854		0.62	37.4	1560	20.4	7.9	0.002	0.14	1.32	1.4	2.4	0.4	59.7	<0.01	0.04	0.4
DD023855		0.56	25.2	960	12.1	6.0	<0.001	0.11	0.87	1.3	1.9	0.3	49.7	<0.01	0.02	0.3
DD023856		0.37	93.6	1220	47.3	10.0	0.002	0.03	3.67	5.5	3.3	0.4	48.8	<0.01	0.08	2.3
DD023857		0.65	45.6	1260	22.4	6.7	0.002	0.08	1.65	3.1	2.8	0.4	43.3	<0.01	0.07	1.6
DD023858		0.66	34.4	610	20.2	10.8	<0.001	0.04	0.94	2.7	1.6	0.5	22.1	<0.01	0.03	0.8
DD023859		0.66	37.0	230	24.6	8.8	0.001	0.01	0.77	4.7	1.0	0.6	10.6	<0.01	0.05	3.2
DD023860		0.62	45.3	1210	57.5	9.2	0.003	0.04	2.40	3.7	2.0	0.4	42.4	<0.01	0.05	2.2
DD023861		0.58	36.0	1190	41.9	5.9	0.016	0.19	2.00	2.5	4.2	0.3	66.6	<0.01	0.05	1.4
DD023862		0.46	47.0	1030	34.2	5.8	0.002	0.07	2.33	2.4	2.5	0.4	49.0	<0.01	0.06	1.2
DD023863		0.44	29.9	1190	122.0	12.3	0.001	0.03	3.28	2.5	2.4	0.4	58.1	<0.01	0.06	2.4
DD023864		0.59	52.4	1530	104.0	10.9	0.005	0.05	3.42	2.4	3.4	0.5	70.7	<0.01	0.08	1.7
DD023865		0.41	51.4	1730	135.0	10.9	0.009	0.05	5.98	3.3	4.4	0.4	74.2	<0.01	0.11	2.4
DD023866		0.31	42.0	1910	279	10.3	0.006	0.06	7.06	3.3	2.9	0.3	69.1	<0.01	0.08	2.6
DD023867		0.42	35.0	1360	275	11.3	0.008	0.06	5.77	3.8	3.8	0.4	57.9	<0.01	0.09	1.6
DD023868		0.41	78.4	1520	120.5	11.2	0.005	0.06	4.74	4.2	3.4	0.4	95.8	<0.01	0.09	2.3
DD023869		0.45	48.7	1410	223	12.6	0.008	0.07	6.23	4.3	3.7	0.4	67.2	<0.01	0.09	2.4
ZZ85920		0.59	19.9	630	9.5	9.0	<0.001	0.03	0.22	3.5	0.7	0.3	154.0	<0.01	0.02	2.5
ZZ85921		0.28	19.5	620	61.2	7.7	<0.001	0.03	1.13	2.6	0.2	0.3	75.3	<0.01	<0.01	1.0
ZZ85922		0.22	15.8	610	20.7	5.3	<0.001	0.05	0.83	1.5	0.9	0.2	91.2	<0.01	0.01	0.5
ZZ85923		0.44	19.3	450	16.6	7.0	<0.001	0.01	0.82	2.8	0.8	0.3	71.0	<0.01	0.02	1.5
ZZ85924		0.18	16.3	860	46.2	6.9	<0.001	0.03	0.85	2.1	0.7	0.2	79.0	<0.01	<0.01	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD023835		0.008	0.26	1.78	41	0.10	11.85	182	1.8
DD023836		0.008	0.28	1.68	52	0.09	12.75	205	1.9
DD023837		<0.005	0.25	2.45	38	<0.05	9.14	413	2.0
DD023838		0.007	0.20	1.41	44	0.12	10.95	171	2.3
DD023839		0.008	0.23	1.48	36	0.05	10.80	178	1.7
DD023840		0.010	0.27	2.06	60	0.07	13.40	352	2.3
DD023841		0.009	0.22	1.21	47	0.05	12.45	232	1.8
DD023842		0.008	0.36	2.92	136	0.10	13.75	356	1.9
DD023843		0.007	0.33	4.13	110	<0.05	15.65	378	2.0
DD023844		0.015	0.16	1.57	49	0.28	14.95	97	1.2
DD023845		0.008	0.33	1.99	83	0.05	11.35	252	1.7
DD023846		0.011	0.24	1.35	60	0.07	10.60	214	1.4
DD023847		0.011	0.11	1.36	42	0.11	9.96	130	1.6
DD023848		0.014	0.39	14.05	40	0.08	11.80	145	2.7
DD023849		0.012	0.16	2.30	78	0.10	11.75	242	1.3
DD023850		0.022	0.57	3.91	91	0.08	14.90	870	2.6
DD023851		0.012	0.20	3.56	49	0.12	13.55	179	1.7
DD023852		0.011	0.21	1.91	56	0.08	22.5	210	1.4
DD023853		0.011	0.23	2.57	63	0.10	16.65	214	1.3
DD023854		0.012	0.25	2.09	59	0.10	30.3	249	1.1
DD023855		0.012	0.15	1.87	40	0.06	23.0	174	0.9
DD023856		0.006	0.87	1.69	92	0.11	25.7	441	2.4
DD023857		0.010	0.23	1.74	55	0.17	21.1	195	1.9
DD023858		0.009	0.24	1.38	64	0.15	13.10	201	0.7
DD023859		0.008	0.25	1.04	94	0.12	10.40	170	1.9
DD023860		0.012	0.27	1.59	85	0.12	13.95	274	1.4
DD023861		0.011	0.17	5.97	65	0.11	10.85	244	1.9
DD023862		0.010	0.27	2.89	71	0.15	11.60	242	1.3
DD023863		0.005	0.37	1.96	81	0.07	8.88	224	0.5
DD023864		0.009	0.66	2.52	347	0.19	8.70	406	0.8
DD023865		0.007	0.80	3.62	276	0.18	14.75	428	1.4
DD023866		0.007	0.35	2.03	111	0.08	13.70	681	1.7
DD023867		0.007	0.40	3.13	144	0.10	14.25	401	1.4
DD023868		0.007	0.44	2.46	132	0.11	17.20	693	2.6
DD023869		0.008	0.48	3.29	123	0.09	15.70	542	2.7
ZZ85920		0.011	0.08	2.67	13	0.09	13.50	52	2.2
ZZ85921		0.006	0.21	1.14	32	0.06	8.02	207	1.9
ZZ85922		0.006	0.14	2.77	18	0.05	7.35	124	1.6
ZZ85923		0.011	0.18	1.17	34	0.08	7.58	95	1.6
ZZ85924		0.005	0.14	1.46	25	0.05	8.18	179	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85925		0.29	0.003	0.15	0.59	10.5	<0.2	<10	270	0.56	0.09	9.76	1.10	12.70	5.5	12
ZZ85926		0.40	0.001	0.17	0.61	8	<0.2	<10	170	0.54	0.09	11.90	1.05	14.50	6.2	12
ZZ85927		0.30	0.003	0.23	1.16	16.1	<0.2	<10	460	0.75	0.18	3.65	1.22	19.55	8.7	20
ZZ85928		0.28	0.002	0.14	1.51	13.8	<0.2	<10	180	0.87	0.21	2.30	0.24	28.0	8.7	26
ZZ85929		0.22	0.001	0.03	1.52	9.0	<0.2	<10	210	0.52	0.21	0.44	0.11	24.0	7.9	27
ZZ85930		0.31	0.002	0.11	1.14	9.3	<0.2	<10	220	0.73	0.17	5.35	0.34	21.6	7.9	19
ZZ85931		0.28	0.003	0.29	0.97	9.2	<0.2	<10	440	0.58	0.17	3.85	1.68	24.7	8.3	20
ZZ85932		0.23	0.001	0.05	1.57	9.0	<0.2	<10	410	0.80	0.20	0.57	0.23	32.1	10.1	25
ZZ85933		0.32	0.002	0.04	1.65	9.4	<0.2	<10	280	0.68	0.20	0.32	0.12	31.8	9.4	27
ZZ85934		0.24	0.002	0.07	1.41	11.0	<0.2	<10	270	0.75	0.21	2.10	1.18	19.80	7.2	23
ZZ85935		0.38	0.003	0.19	1.50	15.4	<0.2	<10	310	0.68	0.22	0.97	0.32	27.6	10.1	29
ZZ85936		0.29	0.003	0.15	1.51	16.6	<0.2	<10	240	1.04	0.19	4.39	0.50	34.2	7.4	25
ZZ85937		0.29	0.002	0.17	1.47	10.8	<0.2	<10	330	0.77	0.17	2.83	0.42	22.5	7.3	24
ZZ85938		0.44	0.002	0.25	1.23	14.3	<0.2	<10	250	0.82	0.18	7.60	0.62	21.9	10.9	22
ZZ85939		0.24	0.004	0.42	1.36	15.2	<0.2	<10	330	0.83	0.21	2.62	0.83	21.0	12.6	24
ZZ85940		0.28	0.003	0.40	0.89	16.4	<0.2	<10	430	0.64	0.17	3.27	1.14	20.9	12.5	35
ZZ85941		0.28	0.003	0.35	0.67	15.5	<0.2	<10	610	0.49	0.13	7.55	1.32	16.60	10.0	27
ZZ85942		0.39	0.003	0.40	0.68	19.0	<0.2	<10	580	0.54	0.15	5.59	1.62	18.60	12.1	33
ZZ85943		0.35	0.003	0.41	0.66	18.6	<0.2	<10	550	0.53	0.14	6.43	1.37	18.55	10.9	29
ZZ85944		0.28	0.003	0.51	0.82	19.7	<0.2	<10	680	0.62	0.16	5.07	1.56	21.3	13.1	31
ZZ85945		0.35	0.004	0.44	0.95	18.7	<0.2	<10	530	0.68	0.18	3.98	1.84	22.3	12.8	34
ZZ85946		0.28	0.005	0.53	0.97	21.5	<0.2	<10	490	0.76	0.20	2.51	1.76	21.2	17.5	35
ZZ85947		0.40	0.001	0.05	1.87	17.6	<0.2	<10	220	0.70	0.23	0.10	0.51	23.5	14.8	34
ZZ85948		0.33	0.003	0.39	1.19	15.1	<0.2	<10	310	0.66	0.20	0.70	0.44	26.7	9.8	25
ZZ85949		0.33	0.003	0.16	1.18	13.1	<0.2	<10	430	0.56	0.20	2.32	2.23	22.1	6.3	22
ZZ85950		0.33	0.001	0.21	1.45	17.5	<0.2	<10	520	0.80	0.21	1.20	1.83	28.1	8.5	29
ZZ85951		0.37	0.002	0.38	1.25	17.8	<0.2	<10	410	0.86	0.16	6.05	1.46	24.8	7.5	23
ZZ85952		0.35	0.001	0.13	1.71	13.8	<0.2	<10	180	0.83	0.23	1.56	0.68	25.6	9.4	29
ZZ85953		0.30	0.001	0.16	1.46	13.0	<0.2	<10	220	0.77	0.20	1.82	0.62	22.8	8.7	25
ZZ85954		0.40	0.001	0.22	1.23	14.2	<0.2	<10	180	0.63	0.16	6.78	0.66	18.30	8.0	21
ZZ85955		0.39	0.002	0.12	1.65	14.3	<0.2	<10	200	0.85	0.24	3.19	0.74	30.5	10.1	27
ZZ85956		0.28	0.001	0.16	0.75	13	<0.2	<10	260	0.52	0.10	10.10	0.72	12.10	6.5	13
ZZ85957		0.34	0.001	0.16	0.68	15.6	<0.2	<10	250	0.53	0.09	9.19	0.82	10.70	6.3	13
ZZ85958		0.44	0.002	0.13	1.11	12.4	<0.2	<10	210	0.63	0.13	6.81	0.43	21.8	7.8	18
ZZ85959		0.37	0.003	0.16	1.26	11.7	<0.2	<10	210	0.66	0.13	5.89	0.35	21.7	9.0	21
ZZ85960		0.28	0.001	0.10	1.59	14.3	<0.2	<10	230	0.99	0.19	2.94	0.91	26.4	10.5	25
ZZ85961		0.53	0.002	0.12	0.69	11	<0.2	<10	130	0.44	0.08	13.60	0.33	12.20	6.4	12
ZZ85962		0.51	0.002	0.10	0.67	8	<0.2	<10	140	0.45	0.08	13.85	0.42	11.35	6.2	12
ZZ85963		0.40	0.002	0.12	1.44	11.7	<0.2	<10	200	0.74	0.16	4.65	0.24	20.6	8.9	23
ZZ85964		0.35	0.002	0.11	1.32	12.7	<0.2	<10	250	0.72	0.16	6.86	0.23	20.0	8.3	22

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ85925		0.82	24.5	1.21	1.74	<0.05	0.06	0.16	0.012	0.07	7.6	7.1	4.44	222	1.33	0.01
ZZ85926		0.88	17.6	1.33	1.75	<0.05	0.05	0.13	0.015	0.08	7.2	7.5	5.88	233	1.68	0.01
ZZ85927		0.80	25.4	2.42	3.15	<0.05	0.04	0.17	0.021	0.09	10.0	10.8	1.55	350	1.81	0.01
ZZ85928		1.13	17.2	3.08	4.49	<0.05	0.06	0.08	0.030	0.07	15.3	12.6	1.46	360	1.22	0.01
ZZ85929		1.22	8.8	2.48	5.36	<0.05	0.03	0.03	0.022	0.05	11.9	17.8	0.53	258	0.95	0.01
ZZ85930		1.19	19.9	2.73	3.53	<0.05	0.06	0.08	0.025	0.08	10.7	9.5	2.82	406	1.22	<0.01
ZZ85931		0.88	42.4	2.55	3.31	0.05	0.07	0.21	0.023	0.08	12.4	13.8	2.06	205	1.41	0.01
ZZ85932		1.09	13.5	3.33	5.06	<0.05	0.05	0.04	0.031	0.05	14.1	12.2	0.44	554	0.94	<0.01
ZZ85933		1.14	14.6	3.27	5.15	<0.05	0.04	0.03	0.028	0.06	14.2	15.9	0.49	246	1.01	0.01
ZZ85934		0.84	13.6	2.61	4.20	<0.05	0.03	0.05	0.031	0.04	10.6	11.2	0.80	518	1.19	0.01
ZZ85935		1.00	16.9	2.77	4.81	<0.05	0.04	0.07	0.023	0.06	12.9	16.3	0.59	519	1.45	0.01
ZZ85936		0.84	13.1	2.97	3.78	0.05	0.03	0.09	0.035	0.04	18.8	11.5	1.99	398	1.54	0.01
ZZ85937		0.82	12.4	2.45	4.64	<0.05	0.05	0.07	0.024	0.05	13.7	12.2	1.41	419	1.44	0.01
ZZ85938		0.90	29.8	2.68	3.71	<0.05	0.07	0.12	0.024	0.07	11.4	17.4	3.01	445	1.45	0.01
ZZ85939		1.00	43.6	3.04	3.98	<0.05	0.07	0.14	0.028	0.10	10.7	21.4	0.93	485	1.52	0.01
ZZ85940		0.94	40.8	2.32	2.77	<0.05	0.08	0.20	0.023	0.06	11.0	16.5	2.13	326	1.55	<0.01
ZZ85941		1.08	30.1	2.03	2.09	<0.05	0.06	0.32	0.015	0.06	8.8	11.7	3.71	371	2.39	0.01
ZZ85942		1.23	39.8	2.27	2.19	0.05	0.06	0.22	0.019	0.07	10.0	12.8	3.30	391	3.08	0.01
ZZ85943		1.15	37.2	2.21	2.09	0.05	0.05	1.10	0.019	0.06	10.0	12.7	3.67	336	2.97	0.01
ZZ85944		1.39	43.9	2.49	2.58	<0.05	0.06	0.23	0.022	0.07	11.2	15.0	3.00	314	2.43	0.01
ZZ85945		1.04	47.0	2.71	2.94	<0.05	0.06	0.23	0.024	0.07	11.7	17.7	2.73	198	2.05	0.01
ZZ85946		1.31	52.3	2.89	3.05	0.05	0.08	0.27	0.027	0.08	11.1	17.9	1.46	997	6.81	<0.01
ZZ85947		1.09	26.0	3.68	6.16	<0.05	0.06	0.03	0.032	0.06	11.4	33.2	0.58	342	1.51	<0.01
ZZ85948		0.84	23.5	2.47	3.90	<0.05	0.05	0.12	0.024	0.06	14.4	17.4	0.45	302	1.17	<0.01
ZZ85949		0.70	15.1	2.13	3.57	<0.05	0.02	0.08	0.025	0.04	12.4	11.2	0.68	329	1.26	<0.01
ZZ85950		0.92	16.6	2.74	4.68	<0.05	0.04	0.08	0.032	0.04	14.1	13.8	0.57	486	2.29	<0.01
ZZ85951		0.70	18.4	2.62	3.15	<0.05	0.03	0.11	0.029	0.04	15.0	10.5	2.91	481	1.89	0.01
ZZ85952		1.04	13.7	2.81	5.36	<0.05	0.06	0.07	0.029	0.06	13.3	14.4	1.04	424	1.59	0.01
ZZ85953		0.84	16.7	2.54	4.42	<0.05	0.05	0.06	0.026	0.06	12.1	13.2	0.96	372	1.33	0.01
ZZ85954		0.86	13.3	2.18	3.24	<0.05	0.05	0.09	0.022	0.07	9.3	11.2	4.02	371	1.65	0.01
ZZ85955		1.06	13.8	2.70	5.21	<0.05	0.07	0.06	0.029	0.07	14.7	14.6	1.84	622	1.17	0.01
ZZ85956		0.85	20.6	1.71	2.10	<0.05	0.05	0.23	0.015	0.09	6.2	8.7	5.23	274	1.88	0.01
ZZ85957		0.89	22.3	1.53	2.03	<0.05	0.06	0.25	0.015	0.07	6.2	7.5	4.52	207	2.09	0.01
ZZ85958		0.77	12.6	1.98	3.12	<0.05	0.05	0.08	0.021	0.05	10.9	11.5	4.29	286	1.19	0.01
ZZ85959		0.87	13.3	2.22	3.32	<0.05	0.06	0.07	0.021	0.07	11.7	11.3	3.57	381	1.23	0.01
ZZ85960		1.16	16.3	2.77	4.48	<0.05	0.08	0.07	0.035	0.08	12.5	13.5	1.73	677	1.68	0.01
ZZ85961		0.73	13.4	1.45	1.88	<0.05	0.05	0.09	0.011	0.07	6.2	8.2	5.83	251	1.13	0.01
ZZ85962		0.79	16.6	1.41	1.84	<0.05	0.04	0.10	0.012	0.08	6.0	8.4	5.15	263	1.04	0.01
ZZ85963		1.03	13.0	2.31	4.33	<0.05	0.06	0.07	0.023	0.06	11.0	13.4	2.41	267	1.15	0.01
ZZ85964		0.95	15.6	2.22	3.66	<0.05	0.06	0.08	0.023	0.08	9.9	12.9	3.30	389	1.21	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85925		0.23	19.0	640	26.8	5.8	<0.001	0.06	0.94	1.8	<0.2	0.2	90.8	<0.01	<0.01	0.6
ZZ85926		0.24	19.5	560	24.7	5.8	<0.001	0.03	0.97	2.4	<0.2	0.2	95.6	<0.01	0.01	1.3
ZZ85927		0.50	26.9	680	34.3	7.1	<0.001	0.07	1.12	2.5	0.5	0.4	45.0	<0.01	0.01	0.9
ZZ85928		0.72	23.3	610	17.9	8.8	<0.001	0.04	0.72	5.3	0.4	0.5	23.7	<0.01	0.02	2.1
ZZ85929		1.16	16.7	230	12.5	10.4	<0.001	0.02	0.40	2.9	<0.2	0.5	15.2	<0.01	0.01	2.7
ZZ85930		0.66	19.7	630	16.0	8.9	<0.001	0.04	0.61	4.5	0.4	0.4	50.7	<0.01	0.03	1.5
ZZ85931		1.03	24.9	930	14.3	8.6	0.003	0.10	1.03	4.5	4.3	0.4	49.7	<0.01	0.01	2.8
ZZ85932		1.14	21.1	200	17.8	7.7	<0.001	0.02	0.54	4.5	<0.2	0.5	13.5	<0.01	0.02	3.3
ZZ85933		1.18	24.5	160	14.1	11.0	<0.001	0.02	0.53	4.1	<0.2	0.5	10.9	<0.01	0.02	4.1
ZZ85934		0.74	19.3	570	18.4	7.7	<0.001	0.05	0.65	2.7	<0.2	0.4	30.5	<0.01	0.01	0.9
ZZ85935		0.97	26.1	440	16.5	8.1	<0.001	0.03	0.69	3.8	<0.2	0.5	24.2	<0.01	0.01	2.2
ZZ85936		0.55	20.5	890	24.8	6.6	0.001	0.07	0.93	4.0	<0.2	0.4	49.8	<0.01	0.01	0.9
ZZ85937		0.66	19.8	600	19.3	7.9	<0.001	0.04	0.73	4.0	<0.2	0.5	34.6	<0.01	<0.01	1.2
ZZ85938		0.40	33.9	720	21.1	6.8	0.001	0.03	0.92	4.4	<0.2	0.3	107.0	<0.01	0.03	2.2
ZZ85939		0.42	40.3	710	22.3	9.2	<0.001	0.05	1.10	3.9	<0.2	0.3	52.0	<0.01	0.02	1.5
ZZ85940		0.30	82.8	990	28.0	6.2	0.001	0.04	1.31	3.5	1.1	0.3	44.1	<0.01	0.03	1.7
ZZ85941		0.29	66.9	970	20.9	5.2	0.002	0.06	1.29	2.8	1.1	0.2	93.0	<0.01	0.03	1.9
ZZ85942		0.29	82.8	1060	24.9	5.2	0.002	0.04	1.63	3.2	1.1	0.2	69.3	<0.01	0.04	2.2
ZZ85943		0.28	74.5	990	23.4	5.2	0.002	0.04	1.56	3.3	1.1	0.2	82.8	<0.01	0.03	2.1
ZZ85944		0.35	84.2	1050	28.4	6.7	0.002	0.05	1.72	3.7	1.0	0.3	67.4	<0.01	0.03	2.2
ZZ85945		0.36	81.4	980	28.6	6.4	0.001	0.04	1.37	4.3	1.0	0.3	47.9	<0.01	0.05	2.8
ZZ85946		0.37	105.5	1010	30.1	7.3	0.006	0.08	1.83	4.0	2.6	0.3	42.6	<0.01	0.03	2.2
ZZ85947		0.93	33.7	370	20.3	11.5	<0.001	0.01	0.80	3.7	<0.2	0.5	9.6	<0.01	0.06	3.7
ZZ85948		0.65	36.1	890	19.4	8.4	0.001	0.03	0.85	3.8	<0.2	0.4	28.9	<0.01	0.02	1.8
ZZ85949		0.67	19.8	880	19.1	6.6	<0.001	0.07	0.77	2.2	<0.2	0.4	38.4	<0.01	<0.01	0.6
ZZ85950		0.57	25.8	680	28.4	6.9	<0.001	0.04	1.12	3.5	<0.2	0.5	21.5	<0.01	0.02	1.1
ZZ85951		0.34	24.7	1150	23.1	7.4	0.001	0.06	1.21	2.9	0.4	0.3	83.8	<0.01	0.02	0.5
ZZ85952		1.01	27.7	330	16.9	9.1	<0.001	0.03	0.81	4.5	<0.2	0.5	18.6	<0.01	0.01	3.0
ZZ85953		0.79	25.3	500	15.8	8.1	<0.001	0.04	0.76	3.5	<0.2	0.5	21.6	<0.01	0.01	1.6
ZZ85954		0.53	22.4	720	14.5	10.3	<0.001	0.04	0.87	3.1	<0.2	0.3	49.5	<0.01	0.01	1.4
ZZ85955		0.92	26.0	470	17.6	10.5	<0.001	0.04	0.78	4.2	<0.2	0.5	31.7	<0.01	0.02	2.3
ZZ85956		0.26	30.4	650	11.6	6.2	0.001	0.04	0.94	2.5	0.2	0.2	69.4	<0.01	0.02	1.1
ZZ85957		0.22	36.9	650	13.4	6.8	0.001	0.06	1.07	2.2	0.8	0.2	66.8	<0.01	0.01	0.9
ZZ85958		0.57	21.2	430	13.5	7.6	0.001	0.02	0.65	3.3	0.5	0.3	58.4	<0.01	0.01	2.2
ZZ85959		0.48	21.6	500	14.4	8.0	0.001	0.02	0.69	3.7	0.3	0.3	40.8	<0.01	0.01	2.3
ZZ85960		0.45	24.7	480	25.2	11.9	<0.001	0.03	0.92	4.4	0.2	0.5	23.3	<0.01	0.02	2.3
ZZ85961		0.21	18.7	480	12.2	6.0	0.001	0.01	0.62	2.8	0.7	0.2	129.0	<0.01	0.01	1.7
ZZ85962		0.20	18.6	420	12.0	5.6	<0.001	0.01	0.61	2.7	0.3	0.2	148.5	<0.01	<0.01	1.9
ZZ85963		0.62	22.8	340	18.6	8.6	<0.001	0.02	0.63	4.1	0.3	0.4	45.0	<0.01	0.01	3.0
ZZ85964		0.55	22.8	410	17.4	8.2	<0.001	0.01	0.68	4.2	0.6	0.4	76.4	<0.01	0.02	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	ME-MS41 Ti	ME-MS41 Tl	ME-MS41 U	ME-MS41 V	ME-MS41 W	ME-MS41 Y	ME-MS41 Zn	ME-MS41 Zr
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85925	0.006	0.14	3.38	19	0.07	10.45	135	1.8
ZZ85926	0.006	0.17	1.42	24	0.06	8.19	136	1.6
ZZ85927	0.012	0.20	2.00	40	0.10	9.68	169	1.2
ZZ85928	0.018	0.14	0.89	47	0.15	16.05	67	1.7
ZZ85929	0.028	0.13	1.14	48	0.23	4.25	59	1.0
ZZ85930	0.015	0.14	1.24	36	0.10	12.40	48	1.4
ZZ85931	0.030	0.14	3.44	37	0.20	12.40	92	2.2
ZZ85932	0.024	0.13	0.78	55	0.16	8.31	55	1.6
ZZ85933	0.027	0.14	0.65	50	0.20	6.07	54	1.4
ZZ85934	0.016	0.12	1.52	50	0.13	8.64	158	0.8
ZZ85935	0.026	0.13	2.08	51	0.25	7.50	105	1.2
ZZ85936	0.010	0.15	1.79	49	0.12	20.1	70	1.0
ZZ85937	0.011	0.15	0.80	59	0.14	14.70	103	1.3
ZZ85938	0.009	0.18	1.20	40	0.07	12.90	111	1.7
ZZ85939	0.008	0.18	1.04	39	0.10	11.50	135	2.2
ZZ85940	0.006	0.18	1.62	45	<0.05	13.10	191	2.2
ZZ85941	0.008	0.22	1.59	35	0.08	10.35	163	1.8
ZZ85942	0.008	0.23	1.69	39	0.13	11.90	195	1.9
ZZ85943	0.007	0.23	1.62	37	0.14	12.45	175	1.9
ZZ85944	0.008	0.24	1.60	43	0.07	13.30	208	1.9
ZZ85945	0.007	0.20	1.37	45	0.10	13.45	215	2.4
ZZ85946	0.007	0.25	1.94	47	0.06	13.35	235	2.6
ZZ85947	0.015	0.15	0.56	63	0.16	3.12	102	2.1
ZZ85948	0.020	0.17	1.10	46	0.16	12.35	111	1.2
ZZ85949	0.014	0.15	1.92	49	0.12	12.25	185	0.7
ZZ85950	0.010	0.22	1.71	102	0.13	13.00	184	0.9
ZZ85951	0.007	0.17	1.80	79	0.08	18.30	153	0.9
ZZ85952	0.021	0.19	0.81	60	0.18	9.61	103	1.8
ZZ85953	0.019	0.15	1.26	50	0.21	9.09	96	1.3
ZZ85954	0.014	0.19	1.07	41	0.10	9.11	92	1.5
ZZ85955	0.022	0.17	1.11	55	0.20	10.55	137	1.8
ZZ85956	0.008	0.45	3.02	30	0.06	8.01	133	1.7
ZZ85957	0.006	0.62	4.37	31	0.06	7.78	164	2.0
ZZ85958	0.016	0.14	2.17	35	0.14	8.72	70	1.5
ZZ85959	0.013	0.14	1.43	42	0.23	8.81	72	1.7
ZZ85960	0.010	0.20	1.43	52	0.11	9.49	125	2.5
ZZ85961	0.006	0.14	1.14	22	0.05	7.56	57	1.8
ZZ85962	0.007	0.15	1.11	22	0.05	6.68	65	2.1
ZZ85963	0.012	0.18	0.96	44	0.13	8.93	74	2.2
ZZ85964	0.013	0.18	1.12	41	0.13	9.46	82	2.1

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85965		0.48	0.003	0.14	1.50	13.1	<0.2	<10	300	0.71	0.20	5.05	0.43	25.9	8.4	25
ZZ85966		0.34	0.001	0.12	1.54	12.7	<0.2	<10	250	0.67	0.19	3.00	0.34	21.9	6.8	25
ZZ85967		0.28	0.001	0.13	1.41	12.1	<0.2	<10	260	0.66	0.18	2.97	0.86	16.90	5.2	23
ZZ85968		0.40	0.001	0.12	1.77	11.2	<0.2	<10	400	0.82	0.24	1.87	0.51	26.8	7.2	25
ZZ85969		0.30	0.002	0.15	1.85	12.7	<0.2	<10	300	0.82	0.22	1.82	0.27	35.1	10.1	31
ZZ85970		0.28	0.003	0.72	0.74	15.4	<0.2	<10	820	0.56	0.11	7.41	1.87	14.40	7.2	21
ZZ85971		0.24	0.005	0.84	0.91	19.7	<0.2	<10	620	0.63	0.14	3.77	2.01	17.00	8.3	24
ZZ85972		0.29	0.007	0.85	0.98	28.4	<0.2	<10	810	0.65	0.14	2.50	2.37	15.35	7.7	26
ZZ85973		0.31	0.006	0.47	0.70	16.3	<0.2	<10	720	0.51	0.10	6.74	1.69	12.90	5.7	19
ZZ85974		0.36	0.003	0.45	0.62	13.9	<0.2	<10	910	0.42	0.08	8.85	0.86	11.95	5.1	17
ZZ85975		0.28	0.002	0.56	0.72	14.6	<0.2	<10	730	0.47	0.10	6.60	1.59	13.20	6.1	19
ZZ85976		0.30	0.003	0.65	0.76	18.4	<0.2	<10	690	0.51	0.12	6.50	1.95	14.35	7.3	21
ZZ85977		0.30	0.002	0.53	0.60	14.6	<0.2	<10	790	0.45	0.09	8.85	1.72	12.85	5.9	17
ZZ85978		0.33	0.003	0.49	0.73	17.8	<0.2	<10	600	0.65	0.17	5.65	1.66	22.7	13.7	31
ZZ85979		0.29	0.003	0.38	0.75	17.4	<0.2	<10	490	0.59	0.16	4.93	1.19	21.0	12.5	37
ZZ85981		0.27	0.002	0.24	0.65	13.3	<0.2	<10	450	0.47	0.12	6.09	0.90	18.90	11.5	36
ZZ85982		0.28	0.006	1.96	0.76	40.6	<0.2	<10	1120	0.67	0.19	0.89	3.13	34.5	28.5	32
ZZ85983		0.25	0.010	1.33	0.85	41.9	<0.2	<10	730	0.34	0.21	0.42	2.51	29.5	3.3	26
ZZ85984		0.23	0.005	1.69	0.82	20.1	<0.2	<10	1250	0.58	0.17	0.99	6.85	33.5	7.4	29
ZZ85985		0.28	0.005	2.43	0.87	43.5	<0.2	<10	1280	0.70	0.16	1.10	9.08	31.6	21.3	43
ZZ85986		0.21	0.006	2.09	0.81	47.0	<0.2	<10	1030	0.84	0.16	1.16	12.75	32.0	13.8	33
ZZ85987		0.30	0.003	1.01	0.66	90.8	<0.2	<10	860	0.58	0.12	1.77	11.95	17.20	15.3	19
ZZ85988		0.35	0.004	1.51	0.83	49.5	<0.2	<10	720	0.68	0.17	0.67	6.69	32.7	9.4	33
ZZ85989		0.44	0.002	0.35	1.45	22.9	<0.2	<10	390	0.86	0.20	0.59	1.10	22.2	12.8	30
ZZ85990		0.13	0.005	0.71	0.76	6.2	<0.2	<10	550	0.44	0.10	3.21	0.83	13.80	6.7	13
ZZ85991		0.40	0.001	0.12	0.41	8.9	<0.2	<10	80	0.22	0.13	0.21	0.10	19.70	3.7	10
ZZ85992		0.20	0.003	0.45	0.69	19.4	<0.2	<10	610	0.38	0.13	1.83	1.12	16.40	19.0	20
ZZ85993		0.41	0.005	0.62	0.93	20.0	<0.2	<10	390	0.66	0.16	4.73	1.90	23.0	8.0	25
ZZ85994		0.34	0.003	0.20	1.01	17.4	<0.2	<10	530	0.50	0.31	1.25	0.94	17.30	10.2	40
ZZ85995		0.32	0.002	0.09	1.23	24.9	<0.2	<10	180	0.33	0.21	0.11	0.73	23.5	9.6	47
ZZ85996		0.27	0.005	0.50	0.70	12.5	<0.2	<10	870	0.51	0.15	2.76	2.08	15.25	9.6	20
ZZ85997		0.24	0.004	0.77	0.69	24.6	<0.2	<10	630	0.59	0.16	2.54	10.55	19.50	10.0	21
ZZ85998		0.37	0.003	0.44	0.73	18.5	<0.2	<10	530	0.54	0.16	4.55	1.56	20.5	12.6	38
ZZ85999		0.23	0.002	0.20	0.95	16.6	<0.2	<10	390	0.59	0.16	1.83	1.22	19.20	11.3	39
ZZ86000		0.37	0.002	0.33	0.72	16.4	<0.2	<10	430	0.53	0.16	4.85	1.30	18.85	11.6	35
ZZ78897		0.28	0.003	0.25	1.39	13.3	<0.2	<10	320	0.82	0.19	3.06	0.81	22.6	8.5	23
ZZ78898		0.15	0.002	0.13	0.84	6.9	<0.2	<10	220	0.41	0.11	3.89	0.64	11.55	5.1	15
ZZ78899		0.36	0.002	0.06	1.89	11.5	<0.2	<10	280	0.68	0.24	0.62	0.14	34.8	10.1	33
ZZ78900		0.32	0.001	0.02	1.98	9.1	<0.2	<10	220	0.80	0.24	0.52	0.45	32.8	8.7	30
ZZ78901		0.31	0.003	0.11	1.78	11.3	<0.2	<10	190	0.85	0.20	2.41	0.38	29.6	9.3	29

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Finalized Date: 7-SEP-2013
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Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85965		0.83	14.0	2.41	4.30	<0.05	0.06	0.05	0.025	0.06	13.9	13.6	2.61	323	1.22	0.01
ZZ85966		0.94	8.8	2.38	4.27	<0.05	0.04	0.08	0.029	0.04	13.7	13.7	1.65	320	1.72	<0.01
ZZ85967		0.66	11.0	2.24	3.81	<0.05	0.03	0.06	0.028	0.03	9.3	10.4	1.33	192	2.23	<0.01
ZZ85968		1.08	8.4	2.37	4.92	<0.05	0.04	0.07	0.028	0.03	14.3	12.7	0.98	229	1.62	<0.01
ZZ85969		1.10	10.2	2.60	6.01	0.05	0.04	0.06	0.027	0.04	18.3	15.7	1.21	242	1.59	0.01
ZZ85970		0.85	25.7	1.52	2.33	<0.05	0.05	0.33	0.020	0.07	9.4	7.4	3.95	165	3.79	0.01
ZZ85971		0.81	28.0	1.75	2.94	<0.05	0.06	0.38	0.023	0.07	10.6	9.1	1.64	252	3.10	0.01
ZZ85972		0.68	29.1	2.11	2.87	<0.05	0.05	0.39	0.022	0.08	9.5	8.3	0.41	283	3.56	0.01
ZZ85973		0.66	17.9	1.44	2.07	<0.05	0.04	0.29	0.017	0.06	8.8	6.4	3.44	153	3.85	0.01
ZZ85974		0.75	17.5	1.29	1.87	<0.05	0.03	0.26	0.011	0.05	7.8	6.0	4.58	143	3.37	0.01
ZZ85975		0.78	22.4	1.48	2.29	<0.05	0.05	0.30	0.018	0.07	8.4	7.5	3.45	119	3.24	0.01
ZZ85976		0.74	25.3	1.61	2.34	<0.05	0.05	0.37	0.017	0.07	9.5	7.6	3.58	193	4.23	0.01
ZZ85977		0.74	19.2	1.31	1.96	<0.05	0.04	0.28	0.015	0.06	8.3	6.6	4.76	175	3.30	0.01
ZZ85978		1.63	42.0	2.31	2.49	0.06	0.06	0.24	0.023	0.07	12.5	14.9	3.31	346	3.10	0.01
ZZ85979		1.58	37.5	2.48	2.40	0.05	0.07	0.20	0.023	0.09	11.9	15.7	2.88	257	2.78	0.01
ZZ85981		1.32	27.1	2.07	2.11	<0.05	0.05	0.21	0.018	0.08	10.6	14.1	3.84	208	1.91	0.01
ZZ85982		1.33	87.6	4.86	2.46	0.07	0.04	0.39	0.039	0.12	20.0	9.6	0.30	979	10.80	0.01
ZZ85983		0.95	34.1	2.70	3.47	0.05	0.02	0.35	0.026	0.09	17.8	9.2	0.29	116	10.15	0.01
ZZ85984		1.61	62.8	1.19	3.41	0.06	0.04	0.42	0.028	0.11	20.8	9.2	0.47	197	4.89	0.01
ZZ85985		1.51	67.2	2.15	4.12	0.08	0.04	0.46	0.032	0.13	20.7	10.2	0.68	1120	18.75	<0.01
ZZ85986		1.46	90.6	2.26	3.12	0.07	0.05	0.79	0.032	0.13	20.1	9.1	0.40	710	12.15	<0.01
ZZ85987		0.87	65.5	3.24	1.99	<0.05	0.05	0.50	0.020	0.06	10.7	6.6	0.23	2020	14.95	0.01
ZZ85988		1.45	60.3	2.01	2.94	0.06	0.05	0.66	0.030	0.11	20.7	10.8	0.31	242	9.77	0.01
ZZ85989		1.43	38.3	3.40	3.71	0.05	0.03	0.11	0.028	0.08	12.7	32.5	0.45	280	8.70	0.01
ZZ85990		3.29	16.5	1.21	1.75	<0.05	0.04	0.15	0.016	0.06	7.0	6.7	0.25	301	0.30	0.01
ZZ85991		3.82	8.1	1.07	2.09	<0.05	<0.02	0.04	0.014	0.07	9.6	2.3	0.06	34	1.11	0.01
ZZ85992		1.03	18.1	2.12	2.20	<0.05	0.04	0.18	0.020	0.06	9.0	9.2	0.25	1300	2.41	0.01
ZZ85993		1.11	43.2	2.31	2.79	<0.05	0.03	0.21	0.026	0.06	13.6	11.6	1.91	456	2.52	0.01
ZZ85994		0.96	46.3	2.61	3.26	<0.05	0.05	0.12	0.022	0.06	9.7	16.3	0.52	479	2.79	<0.01
ZZ85995		1.28	17.1	2.90	4.08	<0.05	0.04	0.53	0.021	0.08	12.5	20.9	0.69	314	9.70	<0.01
ZZ85996		0.83	41.3	1.91	1.86	<0.05	0.04	0.29	0.019	0.06	7.8	12.4	0.43	1010	1.73	<0.01
ZZ85997		1.00	57.6	2.28	1.76	<0.05	0.06	0.31	0.021	0.08	11.7	11.3	0.82	539	4.70	0.01
ZZ85998		1.23	36.8	2.48	2.06	<0.05	0.05	0.21	0.023	0.07	11.2	13.2	3.03	508	3.18	0.01
ZZ85999		0.81	23.3	2.40	2.70	<0.05	0.08	0.30	0.022	0.07	10.1	15.0	1.30	326	2.85	0.01
ZZ86000		1.27	32.9	2.31	2.05	<0.05	0.06	0.20	0.023	0.07	10.0	13.8	3.05	298	2.03	0.01
ZZ78897		0.80	18.7	2.27	3.87	<0.05	0.03	0.16	0.027	0.05	13.2	11.7	1.23	499	1.47	0.01
ZZ78898		0.53	13.3	1.25	2.28	<0.05	0.03	0.14	0.014	0.04	6.0	6.9	0.55	314	0.58	0.01
ZZ78899		1.20	10.2	2.84	5.57	<0.05	0.06	0.04	0.026	0.05	17.5	17.0	0.73	374	0.85	0.01
ZZ78900		1.23	6.9	2.96	5.81	<0.05	0.06	0.02	0.031	0.05	14.2	15.2	0.51	343	1.07	0.01
ZZ78901		0.97	10.6	2.90	5.09	<0.05	0.07	0.06	0.030	0.05	15.6	14.8	1.64	584	1.19	0.01

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Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85965		0.82	23.9	390	14.8	7.3	0.001	0.01	0.70	4.5	0.6	0.5	51.3	<0.01	0.02	3.5
ZZ85966		0.63	19.8	440	15.3	9.1	<0.001	0.02	0.81	3.7	0.4	0.5	32.7	<0.01	0.02	1.6
ZZ85967		0.62	19.2	600	13.7	5.3	<0.001	0.03	0.91	2.6	0.7	0.4	39.4	<0.01	0.03	1.0
ZZ85968		0.92	19.6	550	14.2	6.8	<0.001	0.03	0.61	3.1	0.7	0.6	25.3	<0.01	0.02	1.5
ZZ85969		1.10	22.9	390	15.3	8.0	<0.001	0.02	0.67	5.0	<0.2	0.6	23.0	<0.01	0.02	3.1
ZZ85970		0.34	44.3	1250	10.2	6.7	0.003	0.07	1.92	2.4	1.5	0.3	74.4	<0.01	0.05	1.0
ZZ85971		0.48	49.7	1280	11.2	7.8	0.002	0.08	1.85	2.6	1.7	0.4	53.5	<0.01	0.03	1.2
ZZ85972		0.43	44.4	1460	11.4	6.5	0.002	0.12	2.02	2.3	2.4	0.4	45.7	<0.01	0.03	0.8
ZZ85973		0.28	33.6	1470	9.4	6.1	0.002	0.08	1.62	1.9	1.0	0.3	69.8	<0.01	0.01	0.7
ZZ85974		0.26	30.7	1230	8.0	5.6	0.003	0.06	1.50	1.8	1.2	0.2	78.3	<0.01	0.03	0.8
ZZ85975		0.35	38.3	1190	9.1	6.7	0.003	0.07	1.61	2.2	1.2	0.3	69.6	<0.01	0.02	1.0
ZZ85976		0.34	46.3	1320	10.2	6.2	0.002	0.07	1.97	2.2	1.5	0.3	69.1	<0.01	0.03	0.9
ZZ85977		0.29	34.0	1270	9.2	5.9	0.004	0.06	1.62	2.1	1.5	0.3	83.2	<0.01	0.04	1.0
ZZ85978		0.36	82.2	990	26.9	7.1	0.003	0.05	1.66	3.9	2.1	0.3	81.5	<0.01	0.03	2.5
ZZ85979		0.32	81.3	1220	25.6	8.0	0.002	0.06	1.53	3.5	1.4	0.3	68.9	<0.01	0.03	2.3
ZZ85981		0.33	75.6	1040	20.6	5.9	0.002	0.04	1.02	2.8	0.9	0.2	68.2	<0.01	0.02	2.3
ZZ85982		0.23	119.5	1640	107.5	10.6	0.004	0.06	7.83	6.2	3.5	0.8	83.9	<0.01	0.07	3.0
ZZ85983		0.40	33.8	1900	58.2	12.7	0.002	0.07	2.80	2.8	1.8	0.6	62.2	<0.01	0.04	2.4
ZZ85984		0.28	63.3	2020	89.8	13.4	0.002	0.07	4.50	3.4	2.8	0.6	118.0	<0.01	0.08	2.3
ZZ85985		0.33	106.5	2380	50.4	15.0	0.006	0.07	7.07	3.4	4.4	0.9	133.5	<0.01	0.09	1.9
ZZ85986		0.28	140.0	1930	119.0	13.4	0.007	0.07	7.67	3.8	4.9	0.6	118.5	<0.01	0.10	1.9
ZZ85987		0.26	81.7	1320	96.2	7.7	0.008	0.12	6.71	2.1	3.2	0.3	64.7	<0.01	0.04	0.7
ZZ85988		0.31	76.3	1610	150.5	11.1	0.007	0.05	7.25	4.2	3.2	0.4	69.0	<0.01	0.07	2.8
ZZ85989		0.20	61.7	1450	44.6	10.6	0.001	0.02	2.46	3.5	1.7	0.3	33.6	<0.01	0.04	3.6
ZZ85990		0.33	24.1	960	9.5	8.1	0.002	0.16	0.55	2.7	1.9	0.2	105.5	<0.01	0.01	1.1
ZZ85991		0.24	8.8	490	10.0	10.6	0.001	0.03	0.31	1.3	<0.2	0.2	10.3	<0.01	0.03	1.8
ZZ85992		0.31	28.5	1290	47.7	6.6	0.001	0.09	1.06	2.3	1.0	0.2	56.0	<0.01	0.04	1.3
ZZ85993		0.41	45.9	1110	35.3	8.3	0.001	0.07	1.68	3.6	0.6	0.3	74.4	<0.01	0.03	0.9
ZZ85994		0.39	56.5	760	30.4	6.4	<0.001	0.06	1.14	2.9	0.7	0.3	40.3	<0.01	0.05	1.5
ZZ85995		0.51	45.9	500	42.8	10.2	<0.001	0.01	1.78	2.0	0.7	0.4	11.6	<0.01	0.04	3.0
ZZ85996		0.18	48.6	910	86.3	5.3	0.001	0.11	1.55	1.8	1.6	0.2	82.7	<0.01	0.04	0.5
ZZ85997		0.19	73.6	1200	63.5	6.1	0.012	0.11	3.80	2.8	4.1	0.2	66.8	<0.01	0.06	1.8
ZZ85998		0.31	92.1	1050	26.5	5.4	0.002	0.05	1.35	3.3	1.2	0.2	58.6	<0.01	0.05	2.4
ZZ85999		0.33	71.8	980	22.9	5.8	0.001	0.06	0.98	2.8	1.3	0.3	37.0	<0.01	0.05	1.5
ZZ86000		0.29	81.6	950	24.0	5.5	0.001	0.06	1.18	3.1	1.5	0.2	58.0	<0.01	0.05	2.2
ZZ78897		0.49	25.9	1120	13.6	7.2	<0.001	0.08	0.75	1.6	0.9	0.4	28.2	<0.01	0.03	0.5
ZZ78898		0.44	14.5	940	6.9	5.2	<0.001	0.14	0.45	1.0	0.6	0.2	33.8	<0.01	0.03	0.3
ZZ78899		1.12	24.7	150	14.5	9.1	<0.001	0.01	0.44	4.5	0.4	0.7	14.8	<0.01	0.03	5.0
ZZ78900		0.95	19.8	140	18.8	10.9	<0.001	0.02	0.40	4.0	<0.2	0.7	11.5	<0.01	0.02	3.9
ZZ78901		0.71	23.3	240	16.4	8.1	<0.001	0.02	0.49	4.9	0.3	0.6	21.2	<0.01	0.03	3.7

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ85965		0.018	0.17	1.03	48	0.18	11.15	89	2.1
ZZ85966		0.011	0.18	1.11	56	0.13	10.80	108	1.2
ZZ85967		0.009	0.18	1.05	58	0.12	8.78	118	1.0
ZZ85968		0.015	0.19	1.29	57	0.20	8.64	76	0.9
ZZ85969		0.024	0.17	1.32	62	0.26	11.15	72	1.3
ZZ85970		0.010	0.45	2.13	67	0.13	13.40	162	1.7
ZZ85971		0.011	0.49	2.29	70	0.12	14.15	196	2.1
ZZ85972		0.009	0.36	3.81	89	0.12	13.35	177	2.0
ZZ85973		0.008	0.32	2.18	65	0.11	12.40	165	1.5
ZZ85974		0.008	0.36	1.98	56	0.07	10.70	115	1.3
ZZ85975		0.011	0.44	1.92	59	0.08	11.45	163	1.6
ZZ85976		0.010	0.45	2.43	67	0.20	13.60	179	1.7
ZZ85977		0.009	0.35	2.08	56	0.11	11.75	137	1.5
ZZ85978		0.008	0.28	1.84	39	0.07	13.75	187	2.2
ZZ85979		0.008	0.24	1.65	39	<0.05	12.05	204	2.3
ZZ85981		0.008	0.19	1.42	32	0.05	10.55	165	1.7
ZZ85982		0.006	0.35	2.60	94	0.11	19.75	604	2.1
ZZ85983		0.010	0.33	3.41	101	0.18	10.85	236	1.0
ZZ85984		0.010	0.64	5.77	177	0.19	19.55	424	2.0
ZZ85985		0.013	0.90	8.38	480	0.41	26.1	816	1.8
ZZ85986		0.008	0.66	7.13	266	0.23	26.4	1240	2.3
ZZ85987		0.007	0.24	4.91	112	0.12	14.30	971	1.9
ZZ85988		0.007	0.45	3.61	154	0.13	20.1	678	2.2
ZZ85989		<0.005	0.38	1.39	87	0.07	18.30	251	1.4
ZZ85990		0.007	0.13	1.71	29	0.06	19.10	56	1.7
ZZ85991		0.005	0.12	0.47	16	0.06	3.15	35	<0.5
ZZ85992		0.007	0.14	1.48	49	0.08	10.30	132	1.5
ZZ85993		0.012	0.18	2.42	65	0.09	17.45	170	1.1
ZZ85994		0.012	0.11	2.46	43	0.09	7.96	134	1.3
ZZ85995		0.013	0.34	0.67	96	0.11	3.24	177	1.5
ZZ85996		0.006	0.12	3.62	30	<0.05	8.97	226	1.1
ZZ85997		0.005	0.44	4.46	69	0.08	13.35	426	2.6
ZZ85998		0.009	0.22	1.55	41	0.15	12.30	193	2.0
ZZ85999		0.006	0.19	2.04	47	0.05	9.52	163	2.2
ZZ86000		0.008	0.22	1.54	36	0.10	10.85	189	1.9
ZZ78897		0.014	0.16	2.92	50	0.14	11.90	104	0.9
ZZ78898		0.014	0.14	5.09	28	0.06	5.19	76	1.1
ZZ78899		0.037	0.15	1.68	59	0.24	7.92	79	2.0
ZZ78900		0.023	0.21	1.66	64	0.14	6.03	97	2.2
ZZ78901		0.019	0.16	1.54	55	0.13	11.05	105	2.4

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Finalized Date: 7- SEP- 2013
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Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78902		0.28	0.008	0.17	1.56	15.5	<0.2	<10	180	0.81	0.20	3.60	0.88	25.7	8.8	27
ZZ78903		0.39	0.002	0.15	0.96	11.0	<0.2	<10	130	0.51	0.12	9.60	0.75	15.05	5.4	16
ZZ78904		0.23	0.003	0.06	1.70	23.8	<0.2	<10	210	0.74	0.27	2.19	1.22	18.00	7.7	23
ZZ78905		0.41	0.001	0.12	0.88	10.7	<0.2	<10	120	0.45	0.12	9.76	0.75	15.15	5.3	14
ZZ78906		0.26	0.001	0.05	1.74	12.9	<0.2	<10	240	0.69	0.24	0.96	1.13	23.4	8.7	26
ZZ78907		0.32	0.001	0.06	1.60	16.2	<0.2	<10	230	0.77	0.23	0.95	0.66	25.8	8.2	29
ZZ78908		0.31	0.001	0.09	1.41	12.9	<0.2	<10	150	0.66	0.16	5.10	0.52	21.8	7.0	23
ZZ78909		0.42	0.001	0.10	1.39	11.2	<0.2	<10	190	0.60	0.17	6.76	0.50	20.0	6.7	23
ZZ78910		0.27	0.002	0.16	1.51	15.2	<0.2	<10	250	0.60	0.21	2.74	0.49	28.3	8.8	26
ZZ78911		0.38	0.002	0.06	1.46	15.0	<0.2	<10	190	0.68	0.19	0.53	0.46	24.6	8.6	28
ZZ78912		0.30	0.001	0.18	1.27	14.2	<0.2	<10	150	0.75	0.16	5.95	0.79	20.5	6.3	23
ZZ78913		0.35	0.002	0.19	1.35	10.8	<0.2	<10	280	0.62	0.18	2.71	0.58	25.2	9.1	25
ZZ78914		0.41	0.001	0.04	2.24	14.3	<0.2	<10	300	0.92	0.24	0.54	0.24	40.9	11.1	35
ZZ78915		0.30	0.004	0.11	1.40	12.7	<0.2	<10	350	0.82	0.16	4.26	0.84	29.9	9.5	23
ZZ78916		0.38	0.001	0.22	0.99	12.2	<0.2	<10	140	0.64	0.14	6.25	0.32	20.1	7.7	19
ZZ78917		0.41	<0.001	0.08	1.50	12.5	<0.2	<10	320	0.78	0.18	4.51	0.36	25.9	7.5	26
ZZ78918		0.31	0.001	0.16	0.67	9.4	<0.2	<10	260	0.41	0.09	8.04	0.63	15.85	6.7	13
ZZ78919		0.30	0.002	0.22	1.28	13.8	<0.2	<10	270	0.68	0.16	1.35	0.81	20.7	8.2	24
ZZ78920		0.35	0.001	0.05	1.81	11.5	<0.2	<10	270	0.63	0.22	0.69	0.43	24.3	8.0	32
ZZ78921		0.29	0.004	0.23	0.60	14.1	<0.2	<10	380	0.41	0.12	8.07	1.16	17.05	9.9	35
ZZ78922		0.27	0.004	0.33	0.89	24.6	<0.2	<10	400	0.60	0.19	2.73	1.16	22.1	14.9	50
ZZ78923		0.26	0.002	0.26	0.70	14.9	<0.2	<10	400	0.48	0.12	5.82	1.21	17.85	12.9	55
ZZ78924		0.36	0.005	0.49	0.80	27.1	<0.2	<10	530	0.61	0.21	0.86	2.03	27.6	19.4	84
ZZ78925		0.29	0.010	0.37	0.51	3.7	<0.2	<10	330	0.22	0.08	0.96	1.19	15.55	2.3	9
ZZ78926		0.35	0.005	0.76	0.51	9.2	<0.2	<10	190	0.16	0.09	0.29	0.36	16.80	2.4	9
ZZ78927		0.24	0.008	0.63	0.77	17.1	<0.2	<10	580	0.45	0.18	1.54	1.96	24.7	14.8	13
ZZ78928		0.37	0.006	0.55	0.87	28.0	<0.2	<10	860	0.46	0.22	1.00	0.82	30.7	10.5	15
ZZ78929		0.24	0.010	0.72	0.87	33.3	<0.2	<10	670	0.53	0.19	1.18	2.88	33.3	19.5	16
ZZ78930		0.39	0.005	0.35	0.89	27.3	<0.2	<10	510	0.50	0.22	0.59	0.66	28.3	13.5	24
ZZ78598		0.15	0.003	0.34	0.99	16.8	<0.2	<10	150	1.06	0.30	0.81	0.53	17.20	19.8	13
ZZ78599		0.22	0.003	0.30	0.90	10.5	<0.2	<10	240	1.14	0.24	2.29	0.34	15.55	12.5	15
ZZ78600		0.24	0.001	0.82	0.62	17.9	<0.2	<10	100	0.50	0.13	9.25	3.23	10.65	6.4	9
ZZ78601		0.14	0.003	0.36	1.11	18.5	<0.2	<10	160	0.73	0.19	4.94	0.94	17.25	9.5	15
ZZ78602		0.32	0.002	0.91	0.81	20.4	<0.2	<10	100	0.76	0.19	5.29	1.49	15.90	10.6	10
ZZ78603		0.23	0.001	0.23	1.43	15.9	<0.2	<10	170	1.04	0.27	2.31	1.45	29.0	12.6	19
ZZ78604		0.22	0.001	1.28	0.60	29.7	<0.2	10	80	1.24	0.27	6.66	2.10	21.7	13.9	7
ZZ78605		0.23	0.003	0.43	0.71	14.5	<0.2	10	100	0.79	0.19	6.39	1.15	24.7	11.1	10
ZZ78606		0.20	0.004	0.39	0.39	8	<0.2	10	70	0.35	0.10	12.10	3.32	7.87	5.1	3
ZZ78607		0.16	0.002	0.13	0.80	5	<0.2	10	200	0.47	0.13	10.90	1.61	14.65	6.8	8
ZZ78608		0.20	0.002	0.19	1.16	14.8	<0.2	<10	150	1.02	0.27	3.50	0.52	21.8	12.0	14

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 7-SEP-2013
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Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ78902		0.79	16.7	2.64	4.00	<0.05	0.05	0.07	0.026	0.07	13.7	13.7	1.92	444	1.49	0.01
ZZ78903		0.62	10.6	1.47	2.25	<0.05	0.03	0.10	0.015	0.05	7.3	7.4	5.46	338	1.16	0.01
ZZ78904		0.88	13.5	2.62	5.72	<0.05	0.04	0.08	0.033	0.05	9.1	17.8	0.93	737	1.45	0.01
ZZ78905		0.56	11.8	1.56	2.04	<0.05	0.04	0.08	0.016	0.05	7.3	7.9	5.37	268	1.20	0.01
ZZ78906		1.00	9.6	2.94	4.70	<0.05	0.06	0.04	0.032	0.07	9.6	15.3	0.59	719	1.51	0.01
ZZ78907		1.55	11.4	2.93	4.52	<0.05	0.05	0.04	0.030	0.07	11.9	16.0	0.72	361	1.33	0.01
ZZ78908		0.71	10.0	2.25	3.50	<0.05	0.05	0.06	0.023	0.05	10.5	12.2	3.03	320	1.27	0.01
ZZ78909		0.66	8.7	2.04	3.50	<0.05	0.04	0.05	0.020	0.04	9.8	11.1	4.35	362	0.90	0.01
ZZ78910		0.82	14.6	2.73	3.76	<0.05	0.04	0.07	0.027	0.06	12.6	14.8	1.65	384	1.39	0.01
ZZ78911		0.79	11.0	2.71	4.31	<0.05	0.05	0.05	0.028	0.05	10.4	14.2	0.50	439	2.39	0.01
ZZ78912		0.64	10.7	2.26	3.19	<0.05	0.05	0.08	0.025	0.05	11.8	10.4	3.51	293	1.90	0.01
ZZ78913		0.61	16.5	2.60	3.65	<0.05	0.04	0.09	0.023	0.06	12.9	16.2	1.41	368	0.90	0.01
ZZ78914		1.21	15.6	3.34	5.60	<0.05	0.06	0.03	0.033	0.06	17.4	18.1	0.67	304	1.23	0.01
ZZ78915		0.63	15.0	2.94	3.37	<0.05	0.06	0.07	0.029	0.06	13.2	15.9	1.90	647	1.53	0.01
ZZ78916		0.56	20.6	2.28	2.51	<0.05	0.06	0.10	0.021	0.06	11.4	12.2	3.26	333	1.09	0.01
ZZ78917		0.69	12.5	2.74	4.11	<0.05	0.04	0.05	0.028	0.05	15.1	14.6	2.13	331	1.20	0.01
ZZ78918		0.44	15.2	1.71	1.89	<0.05	0.04	0.08	0.017	0.05	7.6	10.5	3.75	274	1.00	0.01
ZZ78919		0.60	22.2	2.67	3.41	<0.05	0.06	0.13	0.024	0.07	11.2	15.4	0.62	366	1.32	0.01
ZZ78920		1.01	10.5	2.84	5.07	<0.05	0.03	0.02	0.029	0.06	11.3	16.5	0.50	315	1.32	0.01
ZZ78921		1.10	24.1	2.07	1.74	<0.05	0.04	0.14	0.017	0.07	9.2	10.7	4.48	305	2.13	0.01
ZZ78922		1.28	40.3	2.98	2.43	<0.05	0.06	0.20	0.024	0.08	11.4	15.7	2.24	495	2.76	0.01
ZZ78923		1.18	26.9	2.46	1.96	<0.05	0.05	0.84	0.019	0.08	9.4	12.0	4.43	336	1.75	0.01
ZZ78924		1.98	58.8	2.72	2.26	<0.05	0.06	0.26	0.023	0.08	14.8	14.6	2.12	400	2.51	0.01
ZZ78925		1.11	27.4	0.75	1.87	<0.05	0.03	0.18	0.013	0.05	8.9	4.4	0.11	174	1.01	0.01
ZZ78926		1.18	16.7	0.80	2.61	<0.05	0.03	0.19	0.013	0.07	10.1	5.5	0.10	134	1.38	<0.01
ZZ78927		1.41	71.4	1.90	2.47	<0.05	0.05	0.24	0.025	0.08	14.2	10.6	0.28	631	2.28	<0.01
ZZ78928		1.34	51.5	2.85	2.79	0.05	0.04	0.22	0.035	0.11	17.2	10.6	0.32	648	5.54	<0.01
ZZ78929		2.12	105.5	2.91	2.44	0.06	0.08	0.31	0.032	0.13	18.0	11.9	0.39	1120	4.63	<0.01
ZZ78930		0.82	55.5	3.15	2.96	<0.05	0.03	0.10	0.034	0.09	15.1	18.3	0.22	558	7.86	<0.01
ZZ78598		0.88	25.5	3.69	3.09	<0.05	0.05	0.05	0.060	0.09	5.7	15.7	0.24	911	1.13	<0.01
ZZ78599		1.04	34.1	3.76	2.48	<0.05	0.04	0.14	0.049	0.06	7.6	7.9	0.49	1140	0.98	<0.01
ZZ78600		0.47	15.4	3.03	1.70	<0.05	0.04	1.01	0.025	0.04	4.6	4.5	5.36	1860	1.13	<0.01
ZZ78601		0.62	14.9	3.77	3.11	<0.05	0.05	0.11	0.033	0.06	8.5	9.2	3.00	1880	2.23	<0.01
ZZ78602		0.58	25.3	3.23	2.30	<0.05	0.07	0.22	0.034	0.10	6.8	8.7	3.28	1280	1.36	<0.01
ZZ78603		0.71	21.5	4.35	4.15	0.05	0.07	0.09	0.048	0.10	13.1	14.8	1.53	1930	1.32	0.01
ZZ78604		2.78	29.1	4.40	1.69	0.05	0.06	0.32	0.044	0.10	10.6	3.9	3.79	1180	1.05	0.01
ZZ78605		0.69	20.3	4.57	1.94	0.05	0.05	0.14	0.045	0.08	11.5	4.4	3.64	2170	1.21	0.01
ZZ78606		0.41	21.6	2.28	0.94	<0.05	0.03	0.07	0.018	0.06	3.3	1.8	6.83	1820	0.65	0.01
ZZ78607		0.51	16.4	3.44	2.13	<0.05	0.03	0.10	0.030	0.06	6.4	4.5	6.18	2970	1.25	0.01
ZZ78608		0.76	25.4	3.69	3.29	<0.05	0.08	0.07	0.044	0.09	10.4	11.7	1.81	813	1.55	<0.01

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ78902		0.51	24.6	810	17.3	10.3	<0.001	0.05	0.69	2.9	0.9	0.4	29.0	<0.01	0.02	1.1
ZZ78903		0.30	16.0	990	8.5	7.4	<0.001	0.08	0.59	1.1	0.3	0.3	54.7	<0.01	0.02	0.4
ZZ78904		0.86	20.1	560	17.7	7.8	<0.001	0.07	0.75	2.1	0.3	0.5	23.8	<0.01	0.03	1.0
ZZ78905		0.28	15.7	930	17.5	6.7	0.001	0.05	0.75	1.6	0.4	0.2	62.1	<0.01	0.01	0.7
ZZ78906		0.74	20.4	230	19.5	9.6	<0.001	0.03	0.67	3.1	<0.2	0.6	14.7	<0.01	0.03	3.0
ZZ78907		0.81	25.4	280	17.0	11.0	<0.001	0.03	0.63	3.6	<0.2	0.5	14.8	<0.01	0.04	2.8
ZZ78908		0.54	20.2	520	13.6	6.9	<0.001	0.04	0.56	2.8	0.3	0.4	34.8	<0.01	0.02	1.6
ZZ78909		0.55	16.2	520	11.1	6.3	<0.001	0.04	0.42	2.3	0.2	0.4	41.0	<0.01	0.01	1.2
ZZ78910		0.67	23.9	580	16.6	7.9	<0.001	0.05	0.70	3.1	0.4	0.4	25.7	<0.01	0.03	1.7
ZZ78911		0.75	23.8	210	16.0	8.0	<0.001	0.03	0.79	3.5	0.5	0.5	12.9	<0.01	0.04	3.1
ZZ78912		0.37	18.7	880	16.0	6.9	<0.001	0.06	0.75	3.0	0.5	0.4	43.1	<0.01	0.03	1.0
ZZ78913		0.60	22.8	890	13.3	7.3	<0.001	0.04	0.53	3.1	0.6	0.4	30.1	<0.01	0.02	1.5
ZZ78914		1.09	30.4	270	16.9	10.8	<0.001	0.02	0.58	4.6	0.4	0.6	15.2	<0.01	0.02	5.3
ZZ78915		0.29	20.9	840	25.3	8.2	<0.001	0.07	0.73	3.6	0.6	0.4	53.3	<0.01	0.04	1.3
ZZ78916		0.27	21.5	1180	18.8	6.5	0.001	0.07	0.68	2.7	0.4	0.2	67.9	<0.01	0.02	0.8
ZZ78917		0.62	20.4	550	18.8	6.6	<0.001	0.03	0.78	4.1	0.4	0.4	58.6	<0.01	0.02	1.6
ZZ78918		0.25	18.9	690	11.7	3.8	0.001	0.03	0.61	2.2	0.3	0.2	80.2	<0.01	0.03	1.1
ZZ78919		0.34	26.7	690	16.8	7.3	0.001	0.04	0.68	3.1	0.8	0.3	25.2	<0.01	0.04	1.2
ZZ78920		0.96	24.2	350	14.7	7.9	<0.001	0.03	0.52	3.2	<0.2	0.5	18.0	<0.01	0.03	2.3
ZZ78921		0.32	73.9	980	19.3	5.2	0.002	0.05	0.91	2.6	1.0	0.2	81.2	<0.01	0.03	1.8
ZZ78922		0.26	123.5	980	36.9	5.8	0.002	0.06	1.17	3.4	1.2	0.3	49.1	<0.01	0.06	2.3
ZZ78923		0.31	129.5	1020	21.7	5.7	0.001	0.06	0.91	3.0	0.7	0.2	63.4	<0.01	0.05	2.0
ZZ78924		0.25	211	1000	48.9	7.1	0.002	0.05	1.61	4.2	1.4	0.2	36.5	<0.01	0.06	3.1
ZZ78925		0.17	13.1	820	9.7	5.9	<0.001	0.11	0.82	1.9	0.5	0.2	40.5	<0.01	0.02	0.6
ZZ78926		0.26	6.1	760	17.1	9.1	0.001	0.04	0.97	1.6	1.3	0.3	14.7	<0.01	0.03	1.2
ZZ78927		0.34	26.7	1230	52.8	9.6	0.001	0.08	1.63	3.2	2.0	0.3	58.8	<0.01	0.07	1.2
ZZ78928		0.34	29.5	1510	49.9	11.1	0.002	0.06	1.82	2.7	2.4	0.3	63.2	<0.01	0.09	1.7
ZZ78929		0.41	72.1	1640	61.9	11.0	0.004	0.06	2.36	4.0	3.0	0.3	59.7	<0.01	0.09	2.0
ZZ78930		0.49	55.7	1080	73.0	10.6	0.001	0.02	2.79	2.6	1.6	0.4	36.0	<0.01	0.06	2.4
ZZ78598		0.38	21.6	530	50.0	9.2	<0.001	0.04	2.37	5.4	0.5	0.3	26.9	<0.01	0.02	1.8
ZZ78599		0.40	22.5	920	36.8	5.4	<0.001	0.08	1.37	4.2	1.3	0.3	47.5	<0.01	0.03	0.7
ZZ78600		0.31	14.5	680	211	4.1	<0.001	0.05	8.61	1.7	0.8	0.2	17.5	<0.01	0.03	0.5
ZZ78601		0.59	20.5	500	65.3	6.2	<0.001	0.05	2.89	2.9	0.5	0.3	12.7	<0.01	0.03	1.2
ZZ78602		0.31	19.9	660	346	5.8	<0.001	0.05	8.59	3.5	0.8	0.3	21.2	<0.01	0.02	1.3
ZZ78603		0.81	24.5	270	67.0	8.8	<0.001	0.03	1.99	5.7	0.9	0.5	12.2	<0.01	0.04	3.5
ZZ78604		0.24	26.0	890	122.0	7.1	<0.001	0.09	5.40	4.8	1.2	0.5	16.1	<0.01	0.01	1.2
ZZ78605		0.36	22.6	800	61.5	5.8	<0.001	0.07	3.13	3.8	0.8	0.3	14.7	<0.01	0.03	1.1
ZZ78606		0.26	8.9	760	46.7	3.5	<0.001	0.09	1.42	0.9	0.5	0.2	17.3	<0.01	0.01	0.2
ZZ78607		0.32	10.4	890	31.1	5.4	<0.001	0.07	1.50	1.4	0.6	0.3	21.2	<0.01	0.04	0.3
ZZ78608		0.46	22.4	430	38.9	7.0	<0.001	0.03	1.29	5.5	0.9	0.4	33.0	<0.01	0.03	2.7

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78902		0.015	0.18	0.93	51	0.13	11.65	111	1.2
ZZ78903		0.013	0.18	1.21	30	0.10	5.62	112	0.8
ZZ78904		0.023	0.23	2.35	65	0.20	4.37	144	1.2
ZZ78905		0.010	0.13	1.21	27	0.07	6.79	88	1.1
ZZ78906		0.014	0.23	1.06	63	0.10	3.69	101	2.1
ZZ78907		0.021	0.45	0.92	58	0.12	5.71	94	1.5
ZZ78908		0.016	0.17	0.89	46	0.11	7.04	86	1.3
ZZ78909		0.017	0.12	0.92	45	0.13	5.99	80	1.0
ZZ78910		0.023	0.17	1.09	48	0.14	7.83	95	1.1
ZZ78911		0.020	0.23	1.41	69	0.13	5.22	89	1.6
ZZ78912		0.009	0.20	1.32	53	0.10	13.00	83	1.4
ZZ78913		0.022	0.10	1.05	41	0.15	9.17	101	1.1
ZZ78914		0.029	0.17	1.09	60	0.21	7.76	89	2.3
ZZ78915		<0.005	0.16	1.50	38	0.06	12.85	133	1.7
ZZ78916		0.008	0.13	1.05	29	0.08	15.50	74	1.8
ZZ78917		0.015	0.13	0.84	46	0.13	14.30	100	1.2
ZZ78918		0.009	0.11	1.07	24	0.07	7.57	84	1.3
ZZ78919		0.010	0.14	0.82	45	0.12	11.15	135	1.6
ZZ78920		0.024	0.14	0.81	62	0.17	5.11	97	1.0
ZZ78921		0.009	0.21	1.38	32	0.06	9.29	174	1.5
ZZ78922		0.008	0.20	1.76	37	<0.05	10.95	235	2.0
ZZ78923		0.009	0.21	1.62	36	0.07	10.05	206	1.6
ZZ78924		0.008	0.18	2.20	39	0.08	13.30	269	2.7
ZZ78925		0.007	0.16	1.43	16	<0.05	7.05	59	0.9
ZZ78926		0.005	0.23	0.90	26	<0.05	3.77	40	0.9
ZZ78927		0.006	0.23	2.50	39	0.06	16.45	142	1.9
ZZ78928		0.008	0.21	1.59	40	0.05	11.60	142	1.4
ZZ78929		0.010	0.24	2.15	38	0.10	21.4	306	3.0
ZZ78930		0.008	0.32	1.69	92	0.11	10.20	261	1.2
ZZ78598		<0.005	0.07	0.43	27	0.09	6.58	115	1.4
ZZ78599		0.006	0.06	0.71	29	0.09	18.65	107	1.2
ZZ78600		0.009	0.06	0.61	17	0.07	6.80	616	1.2
ZZ78601		0.012	0.11	0.56	29	0.17	8.97	255	1.2
ZZ78602		0.007	0.11	0.51	20	0.07	9.93	320	1.9
ZZ78603		0.015	0.11	0.51	38	0.12	13.50	222	2.4
ZZ78604		<0.005	0.17	0.55	15	0.06	14.85	524	1.5
ZZ78605		0.008	0.07	0.56	23	0.08	13.45	234	1.4
ZZ78606		0.007	0.04	0.38	7	<0.05	4.02	594	0.8
ZZ78607		0.012	0.06	0.93	25	0.05	8.52	236	1.0
ZZ78608		0.006	0.11	0.73	29	0.08	12.60	146	2.5

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Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78609		0.31	0.001	0.26	0.96	17.3	<0.2	10	120	0.92	0.21	6.80	0.43	23.2	12.6	11
ZZ78610		0.32	0.002	0.30	0.32	8	<0.2	10	50	0.60	0.12	13.55	0.37	14.10	6.7	4
ZZ78611		0.34	0.002	0.53	0.39	19.3	<0.2	10	160	1.09	0.36	7.61	0.59	12.05	11.1	4
ZZ78612		0.19	0.001	0.71	0.55	6	<0.2	10	60	1.39	0.20	10.00	0.70	40.6	10.3	7
ZZ78613		0.23	0.001	0.34	0.21	6	<0.2	<10	20	0.97	0.09	15.65	0.25	8.58	7.8	3
ZZ78614		0.15	0.001	1.07	0.58	26	<0.2	<10	100	0.97	0.17	11.30	4.27	15.65	9.7	6
ZZ78615		0.15	0.001	0.61	0.85	17.5	<0.2	10	130	0.93	0.22	5.59	1.63	19.45	10.8	12
ZZ78616		0.15	0.002	0.90	1.28	27.6	<0.2	10	170	1.01	0.24	4.43	2.84	20.2	11.2	15
ZZ78617		0.19	0.001	1.72	1.11	34.7	<0.2	10	150	0.90	0.17	7.82	3.42	14.65	8.3	12
ZZ78618		0.08	0.003	2.11	0.78	28.6	<0.2	<10	100	0.82	0.14	9.18	4.50	10.75	6.8	9
ZZ78619		0.17	0.003	0.42	1.05	13.8	<0.2	<10	140	0.65	0.15	8.54	2.68	13.30	6.9	11
ZZ78620		0.21	0.001	0.16	1.80	21.7	<0.2	<10	170	1.19	0.26	1.05	0.68	28.8	10.9	24
ZZ78621		0.27	0.002	0.25	1.47	14.9	<0.2	<10	150	1.13	0.24	3.23	0.51	19.75	10.4	18
ZZ78622		0.21	0.002	0.16	0.86	9	<0.2	<10	140	0.59	0.11	12.65	1.14	12.10	5.0	9
ZZ78623		0.15	0.003	0.76	0.78	26	<0.2	<10	120	0.61	0.11	11.25	3.25	11.15	5.2	8
ZZ78624		0.15	0.007	1.97	1.13	63.3	<0.2	10	450	1.08	0.13	9.99	4.81	21.3	10.9	12
ZZ78625		0.26	0.003	1.37	0.90	22.8	<0.2	<10	110	1.34	0.26	4.73	0.81	31.0	14.3	13
ZZ78626		0.20	0.004	0.18	1.85	19.8	<0.2	<10	210	1.14	0.29	1.07	1.47	30.3	11.8	25

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description / Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ78609	0.67	30.0	3.79	2.66	0.05	0.11	0.06	0.040	0.15	9.9	8.8	4.36	1140	2.32	0.01
ZZ78610	0.58	16.0	2.04	0.90	<0.05	0.06	0.06	0.018	0.09	6.6	2.8	7.76	765	1.29	0.01
ZZ78611	1.97	31.5	3.77	1.00	<0.05	0.05	0.23	0.038	0.20	4.5	5.9	4.44	346	1.19	0.01
ZZ78612	0.76	20.8	3.23	1.68	0.05	0.04	0.27	0.031	0.11	20.6	4.5	4.37	565	1.25	0.01
ZZ78613	0.98	15.8	2.68	0.43	<0.05	0.05	0.13	0.025	0.05	3.2	1.8	8.72	388	0.55	0.01
ZZ78614	1.07	16.1	3.81	1.51	<0.05	0.05	0.30	0.032	0.10	6.6	3.1	6.42	1790	1.35	0.01
ZZ78615	1.07	22.5	4.76	2.37	<0.05	0.06	0.22	0.042	0.09	9.0	6.8	3.38	1260	1.23	0.01
ZZ78616	0.96	24.0	3.83	3.53	<0.05	0.08	0.29	0.038	0.10	9.4	9.9	2.51	1780	2.72	0.01
ZZ78617	0.57	18.5	3.43	2.95	<0.05	0.09	0.21	0.029	0.10	6.6	7.5	4.59	1780	2.45	0.01
ZZ78618	0.71	19.9	2.93	1.98	<0.05	0.04	0.76	0.028	0.07	4.8	5.2	5.20	1970	1.72	0.01
ZZ78619	0.62	17.0	2.82	2.64	<0.05	0.05	0.15	0.030	0.06	5.8	7.2	4.99	2100	1.01	0.01
ZZ78620	0.73	13.9	4.30	5.30	<0.05	0.06	0.07	0.040	0.09	12.4	12.2	0.70	861	1.19	<0.01
ZZ78621	0.80	21.8	3.41	4.01	<0.05	0.10	0.14	0.041	0.11	10.1	13.2	2.03	749	1.20	<0.01
ZZ78622	0.48	10.6	2.32	2.10	<0.05	0.04	0.41	0.027	0.05	5.3	5.6	7.48	1880	0.57	0.01
ZZ78623	0.52	16.8	2.39	1.93	<0.05	0.04	0.40	0.025	0.06	4.3	4.9	6.44	2280	0.71	0.01
ZZ78624	0.88	28.5	5.77	3.00	0.05	0.06	0.34	0.053	0.08	10.5	3.6	3.96	8360	1.21	0.01
ZZ78625	1.70	26.2	3.66	2.60	<0.05	0.06	0.20	0.037	0.12	14.9	7.9	2.73	701	1.13	0.01
ZZ78626	1.08	20.6	3.93	5.53	0.05	0.07	0.13	0.050	0.08	15.0	14.8	0.69	1270	1.13	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ78609		0.31	24.5	500	60.4	7.5	<0.001	0.03	2.21	5.0	0.7	0.4	21.1	<0.01	0.03	2.0
ZZ78610		0.15	11.9	480	42.6	3.9	<0.001	0.05	2.49	2.7	0.6	0.2	24.6	<0.01	0.01	0.9
ZZ78611		0.16	24.7	510	68.0	7.8	<0.001	0.25	4.65	5.9	1.0	0.4	29.2	<0.01	0.02	1.9
ZZ78612		0.19	21.0	510	77.5	4.9	<0.001	0.09	3.65	4.9	1.0	0.4	28.1	<0.01	0.02	1.6
ZZ78613		0.10	13.5	480	31.7	3.1	<0.001	0.06	2.79	2.7	0.6	<0.2	25.1	<0.01	0.01	0.6
ZZ78614		0.21	17.9	690	148.5	8.1	<0.001	0.10	14.00	2.5	0.6	0.3	22.3	<0.01	0.03	0.6
ZZ78615		0.38	20.9	870	77.3	6.7	<0.001	0.09	3.55	3.5	0.8	0.4	17.8	<0.01	0.03	0.9
ZZ78616		0.57	24.8	650	135.5	8.8	<0.001	0.07	7.41	4.0	1.1	0.5	16.0	<0.01	0.04	1.5
ZZ78617		0.44	20.6	970	294	6.9	<0.001	0.07	18.40	2.6	0.6	0.4	22.0	<0.01	0.03	1.0
ZZ78618		0.32	15.4	1210	475	6.0	<0.001	0.12	19.05	1.3	0.5	0.3	24.3	<0.01	0.03	0.4
ZZ78619		0.48	13.7	990	395	6.8	<0.001	0.10	28.5	1.8	0.8	0.3	16.5	<0.01	0.03	0.6
ZZ78620		0.94	21.7	450	68.1	6.4	<0.001	0.02	3.28	5.2	0.9	0.7	8.2	<0.01	0.05	2.5
ZZ78621		0.53	21.5	850	46.3	9.2	<0.001	0.04	2.08	4.8	0.7	0.5	12.5	<0.01	0.02	1.9
ZZ78622		0.33	8.4	920	30.7	5.2	<0.001	0.06	1.52	1.6	0.7	0.2	22.1	<0.01	0.02	0.4
ZZ78623		0.35	9.3	1140	529	7.0	<0.001	0.09	63.6	1.3	0.5	0.2	21.9	<0.01	0.04	0.4
ZZ78624		0.50	28.2	3770	359	8.2	<0.001	0.11	25.4	2.4	0.7	0.4	37.1	0.01	0.05	0.6
ZZ78625		0.49	24.2	600	92.9	8.6	<0.001	0.05	6.13	6.3	0.8	0.4	15.7	<0.01	0.03	2.2
ZZ78626		1.11	24.0	330	67.8	8.7	<0.001	0.03	2.01	6.4	0.8	0.7	12.6	<0.01	0.04	3.6

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Finalized Date: 7-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78609		0.005	0.14	0.83	25	0.08	13.85	169	3.3
ZZ78610		<0.005	0.08	0.83	12	<0.05	6.99	166	1.8
ZZ78611		<0.005	0.14	0.77	10	<0.05	10.40	209	1.9
ZZ78612		<0.005	0.11	0.64	18	0.05	13.65	248	1.4
ZZ78613		<0.005	0.06	0.90	7	<0.05	9.48	93	1.5
ZZ78614		<0.005	0.13	0.89	16	0.14	9.02	923	1.3
ZZ78615		0.007	0.14	0.79	24	0.08	12.85	465	1.6
ZZ78616		0.009	0.15	0.76	31	0.14	11.65	857	2.4
ZZ78617		0.009	0.13	0.75	27	0.17	8.54	937	2.6
ZZ78618		0.008	0.12	0.80	17	0.11	7.58	1880	1.3
ZZ78619		0.010	0.10	0.54	23	0.13	7.94	396	1.4
ZZ78620		0.011	0.15	0.40	50	0.16	9.95	141	1.7
ZZ78621		0.007	0.11	0.54	33	0.12	13.30	130	2.7
ZZ78622		0.008	0.11	0.57	19	0.11	7.76	156	1.0
ZZ78623		0.009	0.28	0.50	16	0.11	6.28	411	1.1
ZZ78624		0.015	0.17	0.73	27	0.28	15.55	1010	2.0
ZZ78625		0.007	0.16	0.49	27	0.09	11.75	153	1.6
ZZ78626		0.017	0.15	0.63	48	0.19	12.80	158	2.3

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
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Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150631

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)

Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

CERTIFICATE WH13150632

Project: Rackla G and H
P.O. No.: S13-R5
This report is for 213 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 12- SEP- 2013
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CERTIFICATE OF ANALYSIS WH13150632

Sample Description	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78737	0.29	0.002	0.11	0.45	17	<0.2	<10	140	0.35	0.10	12.80	0.54	14.20	5.0	12
ZZ78738	0.17	0.002	0.17	0.63	20.2	<0.2	<10	260	0.47	0.13	9.74	0.54	15.25	5.8	15
ZZ78739	0.07	0.001	0.18	0.80	36.9	<0.2	10	260	0.50	0.24	3.42	0.65	16.90	7.9	18
ZZ78740	0.11	0.002	0.16	0.74	15.1	<0.2	<10	220	0.48	0.14	7.59	0.53	15.55	5.8	16
ZZ78741	0.30	0.002	0.45	0.59	16.9	<0.2	<10	310	0.41	0.10	9.48	1.64	15.50	5.9	18
ZZ78742	0.14	0.001	0.14	0.42	28	<0.2	<10	300	0.40	0.13	12.10	0.66	13.85	5.2	12
ZZ78743	0.10	0.002	0.23	0.93	16.1	<0.2	10	350	0.62	0.16	3.62	0.74	28.3	11.2	42
ZZ78744	0.15	0.001	0.26	0.64	13.4	<0.2	<10	790	0.49	0.12	7.90	2.03	19.80	7.7	24
ZZ78745	0.17	0.001	0.27	0.87	14.7	<0.2	<10	410	0.60	0.16	4.04	0.75	25.5	9.4	33
ZZ78746	0.11	0.003	0.24	0.93	5.5	<0.2	<10	440	0.54	0.14	1.90	0.96	25.2	6.1	36
ZZ78747	0.21	0.002	0.30	1.29	25.1	<0.2	<10	380	0.61	0.21	0.89	0.46	27.0	13.8	32
ZZ78748	0.09	0.004	0.32	1.06	12.2	<0.2	<10	540	0.55	0.21	1.64	1.43	26.9	11.0	31
ZZ78749	0.12	0.002	0.26	0.99	17.2	<0.2	<10	580	0.59	0.20	3.44	1.38	24.2	9.2	28
ZZ78750	0.18	0.001	0.31	0.67	15.8	<0.2	<10	360	0.47	0.14	8.49	1.29	20.5	7.4	16
ZZ78751	0.16	0.002	0.42	0.68	16.4	<0.2	<10	580	0.49	0.14	5.86	1.28	19.25	7.9	18
ZZ78752	0.20	0.003	0.29	1.02	12.3	<0.2	<10	360	0.64	0.16	4.54	1.15	21.1	8.9	25
ZZ78753	0.22	0.002	0.22	0.83	12.7	<0.2	<10	320	0.61	0.13	5.68	0.87	19.95	8.9	20
ZZ78754	0.27	0.002	0.33	0.70	20.9	<0.2	<10	520	0.61	0.16	5.69	1.52	20.0	13.6	35
ZZ78755	0.19	0.002	0.29	0.63	18.3	<0.2	<10	560	0.54	0.14	6.52	1.27	18.95	12.4	37
ZZ78756	0.17	0.002	0.43	0.66	13.8	<0.2	<10	620	0.56	0.15	6.92	1.40	19.35	11.0	30
ZZ78757	0.14	0.003	0.38	0.72	16.9	<0.2	<10	480	0.60	0.15	6.04	1.47	20.0	12.1	33
ZZ78758	0.20	0.002	0.40	0.76	17.2	<0.2	<10	570	0.64	0.17	5.74	1.25	21.6	11.5	31
ZZ78759	0.14	0.003	0.47	0.87	17.4	<0.2	<10	530	0.73	0.17	5.00	1.22	22.0	12.0	29
ZZ78760	0.17	0.002	0.44	0.96	20.1	<0.2	<10	410	0.80	0.18	4.68	1.56	20.6	10.8	29
ZZ78761	0.09	0.004	0.53	0.83	13.8	<0.2	<10	390	0.70	0.19	3.18	2.42	22.8	10.5	36
ZZ78762	0.06	NSS	0.04	0.13	1.8	<0.2	<10	170	0.06	0.02	1.26	0.25	1.08	1.1	3
ZZ78763	0.19	0.002	0.45	0.79	13.4	<0.2	<10	300	0.59	0.15	6.39	2.07	17.70	10.3	28
ZZ78764	0.16	<0.001	0.24	1.75	13.5	<0.2	<10	620	1.12	0.19	4.74	0.69	37.3	10.3	31
ZZ78765	0.22	0.004	0.82	1.98	23.2	<0.2	<10	710	1.12	0.25	0.75	1.37	32.3	13.0	42
ZZ78766	0.07	0.002	0.52	1.11	15.9	<0.2	10	640	0.75	0.15	3.52	3.23	15.60	8.2	23
ZZ78767	0.20	0.001	0.39	1.32	20.7	<0.2	<10	420	0.71	0.19	4.96	1.04	17.00	8.1	29
ZZ78768	0.22	0.002	0.26	1.09	11.1	<0.2	<10	200	0.68	0.14	6.52	0.37	19.55	6.7	20
ZZ78769	0.10	<0.001	0.04	1.91	11.9	<0.2	<10	290	1.18	0.22	0.61	0.62	41.0	10.9	30
ZZ78770	0.17	0.001	0.06	2.05	13.6	<0.2	<10	250	0.87	0.23	0.66	0.23	39.1	9.3	31
ZZ78771	0.25	0.001	0.05	1.77	12.5	<0.2	<10	230	0.91	0.18	0.44	0.34	30.4	9.6	30
ZZ78772	0.32	0.001	0.15	0.82	13.7	<0.2	<10	220	0.54	0.11	9.84	0.66	16.50	7.0	15
ZZ78773	0.23	0.005	0.27	1.64	27.5	<0.2	<10	490	0.81	0.20	1.12	0.60	26.8	10.8	30
ZZ78774	0.19	<0.001	0.06	1.76	16.1	<0.2	<10	270	0.74	0.21	1.81	0.46	31.8	10.3	29
ZZ78775	0.18	0.001	0.07	1.74	14.8	<0.2	<10	200	0.79	0.20	2.18	0.20	36.0	9.7	30
ZZ78776	0.17	0.001	0.15	1.76	16.4	<0.2	<10	250	0.84	0.21	3.08	0.45	30.0	10.0	29

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Finalized Date: 12- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ78737		0.55	8.4	1.42	1.44	<0.05	0.02	0.04	0.012	0.04	7.0	4.7	7.05	191	1.63	0.01
ZZ78738		0.54	14.5	1.53	1.97	<0.05	0.02	0.11	0.016	0.05	7.8	6.1	4.70	246	1.88	0.02
ZZ78739		0.59	17.0	2.10	2.74	<0.05	0.02	0.10	0.021	0.05	7.8	5.8	0.85	415	3.40	0.01
ZZ78740		0.59	13.4	1.69	2.01	<0.05	0.03	0.08	0.019	0.05	8.1	5.6	2.89	237	1.55	0.01
ZZ78741		0.56	19.2	1.81	1.79	<0.05	0.02	0.15	0.014	0.07	9.7	6.2	3.35	257	2.10	0.01
ZZ78742		0.44	14.7	1.33	1.38	<0.05	0.02	0.07	0.013	0.05	7.2	3.5	5.79	212	2.26	0.02
ZZ78743		1.02	17.7	2.92	2.96	0.05	0.04	0.11	0.027	0.11	15.5	7.0	1.47	362	1.80	0.01
ZZ78744		0.64	17.9	1.91	2.02	<0.05	0.03	0.16	0.019	0.07	10.7	6.3	3.73	389	1.68	0.01
ZZ78745		0.81	18.0	2.50	2.75	0.05	0.04	0.12	0.026	0.08	13.8	7.8	1.81	329	1.54	0.01
ZZ78746		0.85	21.3	1.76	3.04	<0.05	0.05	0.14	0.023	0.08	13.7	7.9	0.38	356	0.84	0.01
ZZ78747		0.94	16.0	3.35	3.82	0.05	0.05	0.09	0.029	0.11	12.8	15.0	0.53	269	3.18	0.01
ZZ78748		1.05	28.1	1.91	3.43	<0.05	0.06	0.16	0.037	0.08	14.0	10.6	0.41	752	1.16	0.01
ZZ78749		0.78	22.0	2.53	3.10	<0.05	0.03	0.09	0.032	0.07	11.7	9.7	1.44	448	2.12	0.01
ZZ78750		0.71	17.4	2.29	1.95	<0.05	0.03	0.09	0.029	0.07	9.9	8.7	4.22	613	2.56	0.01
ZZ78751		0.65	33.0	1.94	2.17	<0.05	0.03	0.17	0.026	0.05	10.8	8.6	2.67	439	2.42	0.01
ZZ78752		0.57	29.9	2.32	3.07	<0.05	0.05	0.15	0.026	0.07	11.3	15.9	2.56	336	1.64	0.01
ZZ78753		0.56	21.9	2.14	2.53	<0.05	0.04	0.12	0.022	0.06	9.8	13.8	3.02	381	1.31	0.02
ZZ78754		1.16	39.2	2.51	2.22	0.05	0.05	0.22	0.018	0.07	10.4	14.5	3.26	391	3.21	0.02
ZZ78755		1.11	33.1	2.28	2.02	0.06	0.05	0.15	0.018	0.07	9.8	13.7	3.80	358	2.90	0.02
ZZ78756		1.26	35.3	2.00	2.13	0.05	0.06	0.18	0.020	0.07	10.0	12.8	3.75	373	2.58	0.02
ZZ78757		1.33	37.7	2.28	2.22	0.06	0.06	0.60	0.023	0.07	10.1	13.8	3.59	296	2.34	0.03
ZZ78758		1.32	34.5	2.33	2.35	0.05	0.05	0.33	0.021	0.08	10.9	14.9	3.56	300	2.28	0.02
ZZ78759		1.29	38.6	2.39	2.69	0.06	0.07	0.20	0.024	0.08	11.6	16.1	2.91	328	2.60	0.02
ZZ78760		1.06	41.1	2.21	2.86	<0.05	0.06	0.32	0.025	0.08	10.6	16.4	2.91	283	1.82	0.02
ZZ78761		1.26	52.4	1.19	2.50	0.05	0.07	0.27	0.025	0.08	12.4	14.3	2.04	118	2.95	0.02
ZZ78762		0.10	5.1	0.39	0.31	<0.05	<0.02	0.07	<0.005	0.02	0.6	0.3	0.10	11	1.82	0.03
ZZ78763		1.16	35.2	1.46	2.26	<0.05	0.06	0.24	0.018	0.07	9.2	12.0	3.33	233	2.47	0.03
ZZ78764		0.54	22.0	3.36	4.79	0.07	0.06	0.09	0.032	0.05	20.0	14.6	2.13	925	1.13	0.02
ZZ78765		1.16	28.8	3.42	5.50	0.06	0.07	0.31	0.041	0.11	16.3	18.6	0.61	370	4.70	0.03
ZZ78766		0.60	28.3	2.02	2.87	<0.05	0.05	0.21	0.022	0.08	8.4	8.3	0.51	496	1.50	0.03
ZZ78767		0.71	18.3	2.66	3.64	<0.05	0.06	0.21	0.028	0.10	8.2	13.3	2.49	342	3.84	0.02
ZZ78768		0.61	16.7	2.12	2.87	<0.05	0.03	0.08	0.023	0.05	11.8	12.2	3.51	278	1.01	0.03
ZZ78769		0.71	9.7	3.43	5.20	0.06	0.08	0.03	0.037	0.06	15.2	15.8	0.51	685	1.19	0.02
ZZ78770		1.23	12.3	3.03	5.37	0.05	0.06	0.05	0.033	0.05	16.1	19.3	0.63	268	1.70	0.02
ZZ78771		0.86	13.3	2.83	4.19	0.05	0.05	0.04	0.027	0.05	14.4	16.2	0.49	360	1.31	0.02
ZZ78772		0.61	19.3	1.66	2.16	<0.05	0.03	0.10	0.015	0.06	7.4	9.7	5.14	351	1.78	0.03
ZZ78773		0.95	28.6	2.68	4.92	<0.05	0.05	0.20	0.026	0.07	13.7	15.7	0.62	463	3.50	0.03
ZZ78774		0.81	11.1	2.80	5.08	0.05	0.05	0.03	0.025	0.06	14.0	17.5	1.20	393	1.55	0.02
ZZ78775		0.94	11.2	2.79	4.67	0.05	0.04	0.06	0.025	0.06	16.1	14.0	1.44	351	1.41	0.03
ZZ78776		0.89	15.8	2.72	5.05	0.05	0.04	0.07	0.028	0.06	15.2	14.9	1.83	389	1.50	0.03

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78737		0.38	14.0	380	19.3	3.5	<0.001	0.03	0.68	1.6	0.4	0.2	116.0	<0.01	0.02	0.7
ZZ78738		0.47	19.6	570	17.3	5.0	0.001	0.07	0.73	1.4	0.8	0.3	83.1	<0.01	0.01	0.4
ZZ78739		0.54	22.4	790	18.3	5.2	0.001	0.14	1.24	1.2	1.2	0.4	30.1	<0.01	0.03	0.3
ZZ78740		0.53	20.0	570	11.2	5.0	<0.001	0.07	0.82	1.8	0.8	0.3	49.9	<0.01	0.02	0.5
ZZ78741		0.36	33.1	1040	24.5	5.0	0.001	0.02	1.56	2.4	1.0	0.2	97.0	<0.01	0.04	1.1
ZZ78742		0.31	15.3	540	10.3	3.7	<0.001	0.07	1.31	1.2	0.7	0.3	87.7	<0.01	0.01	0.4
ZZ78743		1.01	33.0	1130	19.6	8.8	0.001	0.09	0.72	3.6	1.2	0.4	29.2	<0.01	0.02	0.8
ZZ78744		0.63	27.3	810	33.8	6.1	<0.001	0.07	0.88	2.5	1.4	0.3	60.8	<0.01	0.02	0.7
ZZ78745		0.84	28.9	850	21.2	7.4	<0.001	0.07	0.76	3.2	1.1	0.4	33.3	<0.01	0.03	0.9
ZZ78746		0.97	25.5	960	19.5	7.0	0.001	0.12	0.67	3.2	1.4	0.4	26.0	<0.01	0.02	1.0
ZZ78747		0.86	37.1	980	27.9	9.8	<0.001	0.03	1.18	4.0	1.0	0.5	23.4	<0.01	0.05	2.8
ZZ78748		0.91	31.7	850	24.7	8.9	0.002	0.13	0.98	3.9	1.5	0.5	27.9	<0.01	0.02	2.8
ZZ78749		0.71	32.0	780	25.9	8.7	<0.001	0.07	1.01	2.5	0.9	0.4	31.4	<0.01	0.03	0.8
ZZ78750		0.26	28.1	1190	25.4	8.1	<0.001	0.05	1.26	2.4	0.8	0.3	73.1	<0.01	0.04	0.9
ZZ78751		0.37	36.0	1010	21.0	6.1	<0.001	0.07	1.49	2.2	1.7	0.3	68.7	<0.01	0.04	0.7
ZZ78752		0.50	37.8	850	20.8	6.2	0.001	0.06	1.03	3.6	1.6	0.3	46.2	<0.01	0.03	1.6
ZZ78753		0.32	31.1	830	18.1	6.3	0.001	0.03	0.82	2.8	1.0	0.3	55.1	<0.01	0.04	1.0
ZZ78754		0.27	90.6	1120	27.7	6.0	0.003	0.04	1.50	3.1	1.7	0.2	79.2	<0.01	0.05	2.2
ZZ78755		0.30	86.6	1140	24.8	5.4	0.004	0.03	1.26	2.9	1.5	0.2	85.6	<0.01	0.04	2.2
ZZ78756		0.36	73.4	1030	23.1	6.2	0.003	0.05	1.29	3.2	1.2	0.2	90.1	<0.01	0.05	2.2
ZZ78757		0.37	81.2	940	26.4	7.1	0.003	0.05	1.22	3.2	1.6	0.2	73.8	<0.01	0.03	1.9
ZZ78758		0.38	71.8	960	25.4	6.8	0.003	0.04	1.11	3.3	1.8	0.3	65.4	<0.01	0.05	2.3
ZZ78759		0.39	71.7	960	27.1	7.3	0.002	0.04	1.23	3.5	1.3	0.3	63.5	<0.01	0.06	2.4
ZZ78760		0.35	69.0	1000	27.1	7.3	0.003	0.05	1.20	3.4	1.6	0.3	46.8	<0.01	0.05	2.0
ZZ78761		0.36	80.6	1040	39.9	6.9	0.004	0.08	1.79	3.4	1.7	0.3	43.7	<0.01	0.07	2.0
ZZ78762		0.06	7.1	500	1.3	0.6	0.002	0.21	0.27	0.1	0.2	<0.2	20.4	<0.01	0.01	<0.2
ZZ78763		0.43	67.8	860	21.6	6.9	0.002	0.11	1.28	3.0	2.7	0.3	63.6	<0.01	0.04	1.8
ZZ78764		0.43	25.6	780	39.8	5.8	<0.001	0.04	0.49	4.7	1.1	0.5	54.8	<0.01	0.02	1.5
ZZ78765		0.86	54.2	950	22.1	12.3	0.001	0.02	1.21	5.0	1.1	0.6	33.2	<0.01	0.05	3.3
ZZ78766		0.43	36.7	1300	14.3	8.8	<0.001	0.09	1.09	1.8	1.4	0.4	71.5	<0.01	0.02	0.5
ZZ78767		0.49	36.4	920	20.0	14.7	0.001	0.05	1.42	3.2	0.9	0.5	57.9	<0.01	0.05	1.1
ZZ78768		0.40	20.1	960	13.4	7.1	<0.001	0.04	0.54	2.5	0.5	0.3	70.5	<0.01	0.03	0.7
ZZ78769		0.81	20.5	230	33.5	10.2	<0.001	0.01	0.37	6.1	0.2	0.6	14.1	<0.01	0.02	3.9
ZZ78770		1.23	24.8	300	18.1	10.0	<0.001	0.01	0.56	4.4	0.3	0.6	16.5	<0.01	0.02	4.1
ZZ78771		0.77	30.4	390	15.2	8.9	<0.001	0.01	0.52	4.0	<0.2	0.4	15.1	<0.01	0.01	2.6
ZZ78772		0.29	23.1	740	12.9	5.7	0.002	0.03	0.76	1.8	0.6	0.2	73.5	<0.01	0.02	0.6
ZZ78773		0.81	34.7	680	18.9	9.6	0.001	0.04	0.82	3.3	0.7	0.5	22.8	<0.01	0.02	1.5
ZZ78774		1.15	23.0	220	16.2	9.4	0.001	0.01	0.46	3.6	0.6	0.6	22.4	<0.01	0.03	3.4
ZZ78775		1.06	23.9	270	14.6	8.4	<0.001	0.01	0.48	4.2	0.4	0.5	25.7	<0.01	0.04	3.9
ZZ78776		1.03	25.6	380	17.3	8.1	<0.001	0.02	0.59	3.8	0.7	0.5	33.9	<0.01	0.01	2.4

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Zn-OG46 Zn % 0.001
ZZ78737		0.010	0.12	1.10	20	0.06	5.26	77	0.6	
ZZ78738		0.011	0.28	2.23	27	0.08	6.44	87	0.7	
ZZ78739		0.011	0.41	2.27	35	0.11	5.17	107	0.8	
ZZ78740		0.012	0.27	1.41	27	0.10	6.30	74	0.8	
ZZ78741		0.009	0.27	1.37	46	0.08	12.60	181	0.8	
ZZ78742		0.007	0.32	1.62	22	<0.05	6.25	70	0.7	
ZZ78743		0.018	0.37	1.47	49	0.08	10.90	211	1.2	
ZZ78744		0.013	0.32	1.60	38	0.08	10.20	302	1.0	
ZZ78745		0.016	0.33	1.49	46	0.10	10.60	166	1.1	
ZZ78746		0.016	0.33	3.01	42	0.08	10.80	122	1.5	
ZZ78747		0.020	0.31	1.01	58	0.15	8.68	253	1.6	
ZZ78748		0.014	0.37	2.89	51	0.23	10.90	172	2.3	
ZZ78749		0.015	0.23	1.63	45	0.12	9.47	193	1.0	
ZZ78750		0.006	0.25	1.53	34	0.08	10.55	210	1.1	
ZZ78751		0.008	0.27	2.11	37	0.10	12.40	158	1.4	
ZZ78752		0.010	0.17	1.32	48	0.10	12.10	156	1.7	
ZZ78753		0.009	0.16	1.09	34	0.07	10.20	149	1.3	
ZZ78754		0.006	0.22	1.88	40	0.06	11.55	205	2.2	
ZZ78755		0.006	0.22	1.80	36	0.05	10.85	180	2.0	
ZZ78756		0.009	0.29	1.86	38	0.05	11.80	185	2.2	
ZZ78757		0.009	0.27	1.50	37	0.06	11.10	207	2.0	
ZZ78758		0.010	0.26	1.40	37	0.07	11.20	190	2.1	
ZZ78759		0.009	0.27	1.41	41	0.07	11.45	218	2.4	
ZZ78760		0.007	0.30	1.51	47	0.06	11.80	196	2.3	
ZZ78761		0.008	0.29	2.20	51	0.05	13.60	297	2.7	
ZZ78762		<0.005	0.04	0.32	3	<0.05	0.59	21	<0.5	
ZZ78763		0.012	0.32	2.89	43	0.08	10.30	265	2.2	
ZZ78764		0.006	0.14	1.37	53	0.07	20.8	81	1.5	
ZZ78765		0.021	0.45	2.30	114	0.16	14.25	186	2.2	
ZZ78766		0.011	0.22	2.74	56	0.09	9.99	345	1.5	
ZZ78767		0.010	0.45	1.60	74	0.09	7.98	298	1.6	
ZZ78768		0.014	0.11	1.07	35	0.11	12.95	81	0.9	
ZZ78769		0.011	0.19	1.12	60	0.09	12.60	159	2.9	
ZZ78770		0.028	0.17	0.85	56	0.20	8.21	85	1.8	
ZZ78771		0.018	0.15	0.90	47	0.14	8.99	113	1.3	
ZZ78772		0.010	0.21	2.36	27	0.07	7.36	88	0.9	
ZZ78773		0.024	0.44	6.54	54	0.20	10.40	133	1.5	
ZZ78774		0.028	0.20	1.82	56	0.19	5.93	122	1.6	
ZZ78775		0.031	0.17	0.95	56	0.21	8.86	82	1.6	
ZZ78776		0.029	0.20	1.09	54	0.44	8.86	116	1.4	

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Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78777		0.21	0.002	0.11	1.78	17.5	<0.2	<10	220	0.82	0.21	4.37	0.74	25.9	8.8	28
ZZ78778		0.13	0.002	0.11	1.06	14.3	<0.2	10	190	0.59	0.13	9.16	0.53	20.1	7.1	19
ZZ78779		0.20	0.002	0.17	1.13	13.1	<0.2	10	230	0.58	0.13	8.59	0.96	16.25	5.9	18
ZZ78780		0.39	0.002	0.07	1.82	11.0	<0.2	<10	220	0.79	0.23	0.56	0.19	36.2	10.6	31
ZZ78781		0.30	0.002	0.29	1.45	40.0	<0.2	<10	310	1.05	0.20	1.60	0.69	30.4	12.1	32
ZZ78782		0.37	0.001	0.04	2.25	11.8	<0.2	<10	210	0.87	0.24	0.20	0.26	29.8	10.4	31
ZZ78783		0.33	0.003	0.11	1.73	14.3	<0.2	<10	310	0.84	0.23	0.37	0.16	40.5	11.5	32
ZZ78784		0.35	0.001	0.03	1.97	10.5	<0.2	<10	330	0.97	0.20	0.68	0.30	38.7	9.3	31
ZZ78785		0.34	<0.001	0.11	1.84	13.2	<0.2	<10	320	0.92	0.21	1.42	0.28	32.0	8.9	32
ZZ78786		0.31	<0.001	0.07	2.13	10.4	<0.2	<10	210	0.72	0.18	0.77	0.33	25.4	8.3	31
ZZ78787		0.37	0.001	0.11	1.84	11.3	<0.2	<10	300	0.99	0.21	2.51	0.29	25.5	8.8	31
ZZ78788		0.38	0.002	0.15	1.46	16.6	<0.2	<10	160	0.84	0.18	3.35	0.38	21.1	12.2	23
ZZ78789		0.41	0.002	0.21	0.72	10.3	<0.2	<10	150	0.55	0.13	9.08	0.78	17.45	7.7	15
ZZ78790		0.37	0.001	0.32	0.72	11	<0.2	<10	300	0.58	0.15	12.20	0.86	16.45	8.3	14
ZZ78791		0.37	0.002	0.58	0.76	15.1	<0.2	<10	800	0.62	0.18	4.75	1.63	21.1	11.9	33
ZZ78792		0.44	0.001	0.18	0.87	10	<0.2	<10	170	0.61	0.11	10.25	0.33	15.20	6.0	15
ZZ78793		0.40	0.004	0.12	0.57	7	<0.2	<10	140	0.42	0.09	11.70	0.38	11.40	5.3	10
ZZ78794		0.31	0.001	0.21	1.07	11.7	<0.2	10	260	0.81	0.15	7.21	1.69	15.80	8.6	16
ZZ78795		0.44	0.001	0.16	1.01	13.7	<0.2	<10	170	0.73	0.14	8.06	0.48	17.30	7.8	17
ZZ78796		0.39	0.001	0.19	0.95	11	<0.2	<10	130	0.60	0.12	10.25	0.64	15.45	6.2	16
ZZ78797		0.32	<0.001	0.04	1.73	17.1	<0.2	<10	370	1.05	0.27	0.61	0.38	33.6	13.3	29
ZZ78798		0.38	0.001	0.11	0.54	5	<0.2	<10	90	0.40	0.07	17.50	0.40	9.22	4.5	9
ZZ78799		0.32	0.001	0.04	1.70	10.8	<0.2	<10	230	0.61	0.25	0.56	0.24	24.9	8.9	27
ZZ78800		0.35	0.001	0.04	1.85	12.5	<0.2	<10	270	0.87	0.22	0.64	0.22	34.8	13.0	29
ZZ78801		0.41	<0.001	0.05	2.02	12.2	<0.2	<10	320	1.14	0.24	1.36	0.30	38.6	9.9	30
ZZ78802		0.36	0.001	0.03	1.84	9.6	<0.2	<10	250	0.91	0.20	0.56	0.24	36.6	8.9	28
ZZ78803		0.33	<0.001	0.10	1.57	13.8	<0.2	<10	440	0.80	0.24	1.61	2.71	25.0	9.4	25
ZZ78804		0.41	0.003	0.19	0.64	11	<0.2	<10	100	0.51	0.11	13.70	0.56	15.60	6.7	12
ZZ78805		0.36	0.001	0.22	1.13	11.2	<0.2	<10	270	0.70	0.18	5.14	0.28	23.3	8.6	20
ZZ78806		0.45	0.001	0.24	0.63	11	<0.2	<10	160	0.47	0.12	12.00	0.62	15.35	7.1	13
ZZ78807		0.38	0.001	0.17	1.37	12.6	<0.2	<10	250	0.91	0.20	3.59	0.81	27.8	7.3	24
ZZ78808		0.33	<0.001	0.13	1.49	12.8	<0.2	<10	300	1.02	0.21	2.28	1.00	29.1	9.1	26
ZZ78809		0.36	<0.001	0.09	1.87	14.3	<0.2	<10	330	0.98	0.25	1.20	0.80	31.9	8.7	30
ZZ78810		0.33	0.001	0.13	2.14	15.6	<0.2	<10	260	0.87	0.27	0.29	0.31	48.2	12.4	31
ZZ78811		0.37	0.001	0.07	2.01	13.0	<0.2	<10	400	0.89	0.27	0.60	0.33	32.7	9.6	32
ZZ78812		0.33	<0.001	0.08	1.67	13.5	<0.2	<10	370	1.03	0.22	1.91	1.94	30.6	9.3	28
ZZ78814		0.40	0.001	0.10	0.47	6	<0.2	<10	120	0.36	0.08	14.80	0.51	10.85	5.7	9
ZZ78815		0.34	0.002	0.37	0.65	16.0	<0.2	<10	580	0.53	0.13	7.53	1.51	17.85	11.5	35
ZZ78816		0.43	0.001	0.27	0.64	15.0	<0.2	<10	430	0.52	0.14	6.28	1.16	18.35	11.8	36
ZZ78817		0.31	0.002	0.30	0.64	14.8	<0.2	<10	430	0.52	0.13	6.44	1.15	17.80	11.1	33

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 12- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ78777		1.06	11.8	2.73	4.55	<0.05	0.05	0.08	0.026	0.07	12.1	15.4	2.51	478	1.51	0.03
ZZ78778		1.02	13.4	1.77	2.59	<0.05	0.04	0.07	0.019	0.08	7.8	8.7	4.95	358	1.90	0.03
ZZ78779		0.89	15.6	1.64	2.76	<0.05	0.03	0.14	0.017	0.06	8.2	7.4	4.51	363	1.94	0.02
ZZ78780		0.94	13.5	2.73	5.23	0.06	0.05	0.03	0.022	0.05	16.9	14.7	0.66	399	1.28	0.02
ZZ78781		1.01	24.0	3.01	4.21	0.06	0.07	0.37	0.028	0.10	15.8	16.3	0.94	575	3.61	0.02
ZZ78782		1.22	10.2	2.94	5.35	<0.05	0.03	0.02	0.034	0.05	13.5	17.4	0.37	230	1.49	0.02
ZZ78783		0.86	23.4	2.95	5.09	0.08	0.06	0.07	0.025	0.06	23.4	16.5	0.54	451	1.29	0.03
ZZ78784		0.86	7.4	2.95	5.56	0.05	0.10	0.03	0.030	0.06	16.5	14.6	0.57	497	0.99	0.02
ZZ78785		0.71	12.8	2.89	5.10	0.06	0.06	0.05	0.031	0.06	20.3	14.6	0.95	335	1.22	0.02
ZZ78786		1.24	10.3	2.85	5.84	<0.05	0.07	0.03	0.027	0.05	11.3	17.1	0.49	261	1.89	0.02
ZZ78787		0.80	12.2	2.80	5.17	0.06	0.05	0.06	0.030	0.05	16.1	14.3	1.47	400	1.00	0.03
ZZ78788		0.55	34.7	3.12	4.04	<0.05	0.06	0.08	0.028	0.06	10.0	22.6	1.85	384	1.21	0.02
ZZ78789		0.67	23.0	2.07	2.19	0.06	0.05	0.11	0.022	0.06	8.5	12.3	3.81	299	1.34	0.02
ZZ78790		1.06	26.5	2.09	2.25	0.05	0.12	0.13	0.019	0.07	7.7	13.8	3.19	358	1.77	0.02
ZZ78791		1.30	41.1	2.11	2.41	0.06	0.06	0.27	0.020	0.07	10.8	12.4	2.95	392	2.65	0.02
ZZ78792		0.58	12.6	1.72	2.39	<0.05	0.05	0.09	0.017	0.07	8.0	8.5	5.01	239	1.28	0.02
ZZ78793		0.47	10.3	1.28	1.60	<0.05	0.03	0.10	0.013	0.05	5.5	6.5	5.04	215	1.49	0.02
ZZ78794		0.75	24.3	2.06	3.18	<0.05	0.06	0.18	0.023	0.09	8.3	10.6	2.89	503	2.33	0.02
ZZ78795		0.74	14.5	2.11	2.70	<0.05	0.06	0.11	0.020	0.09	7.9	10.3	4.16	346	1.55	0.02
ZZ78796		0.54	11.5	1.70	2.41	<0.05	0.05	0.07	0.017	0.06	7.3	8.6	5.67	259	1.23	0.02
ZZ78797		0.94	17.0	3.41	5.30	0.05	0.09	0.04	0.036	0.08	9.8	18.9	0.60	479	2.11	0.02
ZZ78798		0.49	11.2	1.09	1.51	<0.05	0.04	0.09	0.010	0.06	4.5	6.8	7.14	189	0.84	0.02
ZZ78799		1.11	10.1	2.67	5.69	<0.05	0.03	0.03	0.029	0.05	11.2	15.7	0.51	264	1.24	0.02
ZZ78800		1.01	16.3	2.90	5.50	0.06	0.07	0.05	0.024	0.04	16.1	16.9	0.60	561	1.37	0.02
ZZ78801		0.95	9.3	3.19	6.15	0.07	0.09	0.06	0.034	0.04	21.0	15.3	0.86	371	1.35	0.02
ZZ78802		0.91	8.6	2.79	5.49	<0.05	0.10	0.03	0.028	0.03	15.0	13.5	0.58	282	1.02	0.02
ZZ78803		0.61	17.2	3.06	5.24	0.05	0.06	0.05	0.032	0.05	12.9	13.3	0.71	457	1.87	0.02
ZZ78804		0.62	19.6	1.76	2.01	0.06	0.04	0.09	0.016	0.06	7.5	10.2	4.13	327	1.37	0.02
ZZ78805		0.62	25.0	2.34	3.51	0.05	0.04	0.12	0.023	0.05	12.4	14.7	2.78	384	1.06	0.02
ZZ78806		0.60	22.9	1.87	1.96	<0.05	0.06	0.16	0.016	0.05	7.3	10.3	3.98	318	1.73	0.02
ZZ78807		0.64	15.3	2.45	4.13	0.07	0.04	0.08	0.029	0.05	17.8	12.1	1.51	317	1.58	0.02
ZZ78808		0.67	18.5	2.86	4.58	0.06	0.06	0.05	0.029	0.06	16.6	13.1	1.16	357	1.81	0.02
ZZ78809		1.11	12.0	3.17	5.48	0.06	0.04	0.06	0.038	0.05	16.6	14.8	0.54	419	1.91	0.02
ZZ78810		1.30	9.1	3.21	5.61	0.06	0.10	0.04	0.034	0.05	17.1	18.0	0.47	347	1.46	0.02
ZZ78811		1.25	8.8	2.97	6.14	0.05	0.05	0.03	0.027	0.04	15.5	13.6	0.44	297	1.66	0.02
ZZ78812		0.78	12.3	2.95	4.83	0.06	0.04	0.04	0.034	0.04	15.0	13.4	0.84	524	1.98	0.02
ZZ78814		0.51	14.8	1.60	1.42	<0.05	0.03	0.05	0.013	0.04	5.3	9.0	4.14	297	0.97	0.02
ZZ78815		1.19	31.9	2.28	2.02	0.05	0.05	0.19	0.020	0.06	9.1	10.8	3.73	409	2.91	0.02
ZZ78816		1.22	29.1	2.27	2.00	<0.05	0.04	0.20	0.020	0.06	9.2	11.7	3.76	392	2.28	0.02
ZZ78817		1.16	28.1	2.19	1.98	0.05	0.05	0.24	0.016	0.06	8.9	11.3	3.85	370	2.21	0.02

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ78777		0.91	23.8	390	20.1	11.2	0.001	0.03	0.58	3.3	0.2	0.5	35.9	<0.01	0.03	2.1
ZZ78778		0.45	18.8	720	22.4	8.9	<0.001	0.06	0.84	2.2	0.6	0.3	58.0	<0.01	0.02	0.8
ZZ78779		0.34	18.8	1020	16.5	8.8	0.001	0.08	0.79	1.2	0.5	0.3	54.1	<0.01	0.02	0.3
ZZ78780		1.26	22.0	140	13.9	8.9	<0.001	0.01	0.51	4.2	0.4	0.6	14.6	<0.01	0.03	4.3
ZZ78781		0.60	45.2	1190	21.3	11.4	0.002	0.04	0.87	4.0	0.9	0.4	26.0	<0.01	0.03	1.8
ZZ78782		1.39	24.7	270	18.5	11.9	<0.001	0.01	0.44	3.5	<0.2	0.6	10.3	<0.01	0.04	3.8
ZZ78783		1.18	30.2	200	16.1	9.3	<0.001	0.01	0.66	6.2	0.7	0.5	17.8	<0.01	0.04	5.3
ZZ78784		1.08	20.8	140	19.7	10.7	<0.001	0.01	0.34	5.6	0.4	0.6	15.8	<0.01	0.02	4.7
ZZ78785		0.95	25.6	390	16.9	8.3	<0.001	0.02	0.48	5.3	0.4	0.5	22.0	<0.01	0.02	2.6
ZZ78786		0.96	23.5	210	20.4	8.6	<0.001	0.01	0.44	3.9	0.2	0.6	18.0	<0.01	0.03	3.0
ZZ78787		0.91	23.0	470	17.0	8.1	0.001	0.02	0.41	4.6	0.3	0.6	29.2	<0.01	<0.01	1.8
ZZ78788		0.37	31.9	730	18.5	5.9	0.001	0.02	0.52	4.6	0.8	0.3	49.0	<0.01	0.06	2.1
ZZ78789		0.29	26.3	650	15.8	4.6	0.001	0.01	0.73	3.5	1.1	0.2	109.5	<0.01	0.03	2.5
ZZ78790		0.19	27.3	590	17.3	5.0	0.001	0.01	0.90	3.4	1.4	0.2	215	<0.01	0.05	3.0
ZZ78791		0.37	79.2	1080	29.0	6.8	0.002	0.04	1.36	3.4	1.4	0.3	58.9	<0.01	0.04	2.0
ZZ78792		0.35	17.2	620	11.1	6.4	<0.001	0.03	0.57	2.7	1.1	0.3	72.2	<0.01	0.01	1.1
ZZ78793		0.27	14.7	550	9.5	4.0	0.001	0.02	0.56	2.1	0.6	0.2	84.5	<0.01	0.01	1.1
ZZ78794		0.39	29.7	760	15.0	7.3	0.001	0.06	1.11	2.6	1.0	0.4	63.7	<0.01	0.04	0.8
ZZ78795		0.38	20.5	580	16.4	8.2	<0.001	0.03	0.73	3.2	1.0	0.3	58.2	<0.01	0.03	1.6
ZZ78796		0.31	18.4	810	11.3	7.1	0.001	0.04	0.66	2.0	0.5	0.3	61.6	<0.01	0.01	0.8
ZZ78797		0.93	29.7	260	26.7	8.9	<0.001	0.02	0.77	5.7	1.0	0.6	15.6	<0.01	0.04	4.0
ZZ78798		0.16	15.9	380	8.7	4.4	0.001	0.02	0.47	2.0	0.3	<0.2	151.0	<0.01	0.02	1.2
ZZ78799		1.29	20.4	340	15.4	9.1	<0.001	0.02	0.42	3.4	0.6	0.6	15.0	<0.01	0.03	2.3
ZZ78800		1.10	25.5	200	17.5	8.8	<0.001	0.02	0.53	5.1	0.9	0.6	16.4	<0.01	0.04	4.4
ZZ78801		1.13	21.0	210	25.6	7.7	<0.001	0.02	0.48	6.4	1.1	0.7	21.3	<0.01	0.04	4.2
ZZ78802		1.00	20.1	110	19.2	6.8	<0.001	0.01	0.41	4.7	0.6	0.6	16.1	<0.01	0.02	4.6
ZZ78803		0.66	22.9	390	27.5	5.9	<0.001	0.04	0.68	4.2	1.3	0.6	29.7	<0.01	0.02	1.7
ZZ78804		0.23	20.3	580	13.6	4.5	0.001	0.02	0.64	3.2	0.9	0.2	204	<0.01	0.03	2.1
ZZ78805		0.56	25.0	860	15.5	5.9	<0.001	0.03	0.63	3.4	1.2	0.4	55.2	<0.01	0.04	1.4
ZZ78806		0.23	24.3	610	15.1	3.9	0.001	0.01	0.80	3.2	0.9	0.2	179.0	<0.01	0.03	2.2
ZZ78807		0.72	22.3	710	19.6	6.8	<0.001	0.05	0.78	3.6	1.3	0.5	53.9	<0.01	0.03	1.0
ZZ78808		0.68	24.0	500	24.9	10.4	0.001	0.03	0.79	4.7	1.3	0.5	33.2	<0.01	0.04	1.9
ZZ78809		0.99	24.8	520	24.1	8.7	<0.001	0.04	0.77	4.2	0.8	0.6	27.6	<0.01	0.03	1.8
ZZ78810		1.45	29.3	390	21.0	10.0	0.001	0.02	0.64	4.0	1.0	0.6	12.6	0.01	0.05	5.1
ZZ78811		1.31	22.8	270	20.5	8.8	<0.001	0.02	0.58	4.3	0.8	0.7	19.0	<0.01	0.04	3.4
ZZ78812		0.84	23.4	470	24.4	6.8	<0.001	0.04	0.80	4.5	1.0	0.5	33.3	<0.01	0.03	1.7
ZZ78814		0.17	14.3	470	12.8	2.9	0.001	0.03	0.60	2.3	0.9	<0.2	240	<0.01	0.02	1.3
ZZ78815		0.32	79.8	1130	22.7	5.5	0.003	0.06	1.40	2.9	2.2	0.2	90.8	<0.01	0.04	1.9
ZZ78816		0.31	79.5	970	23.0	5.3	0.003	0.04	1.15	2.9	1.9	0.2	78.5	<0.01	0.05	2.1
ZZ78817		0.32	74.5	950	22.5	5.4	0.002	0.05	1.07	2.8	2.0	0.2	78.0	<0.01	0.04	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46
Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001
ZZ78777	0.024	0.27	0.99	52	0.12	6.57	167	1.3	
ZZ78778	0.012	0.27	1.38	34	0.10	6.27	91	1.1	
ZZ78779	0.010	0.31	1.90	34	0.10	7.28	173	0.8	
ZZ78780	0.040	0.15	0.85	57	0.21	7.49	69	2.2	
ZZ78781	0.021	2.35	3.30	55	0.15	14.45	252	2.0	
ZZ78782	0.029	0.20	0.67	58	0.20	5.44	93	1.5	
ZZ78783	0.039	0.13	1.40	54	0.18	17.60	85	2.3	
ZZ78784	0.020	0.17	0.60	58	0.10	9.28	83	3.8	
ZZ78785	0.020	0.16	1.05	57	0.17	17.80	103	1.6	
ZZ78786	0.012	0.28	0.56	76	0.11	5.14	100	2.3	
ZZ78787	0.021	0.15	1.06	57	0.18	12.75	98	1.4	
ZZ78788	0.006	0.15	0.90	43	0.06	10.65	105	2.0	
ZZ78789	0.008	0.12	0.94	28	0.06	9.33	125	2.6	
ZZ78790	0.008	0.19	1.10	26	<0.05	8.38	125	5.9	
ZZ78791	0.009	0.27	1.56	47	0.39	12.65	219	2.2	
ZZ78792	0.009	0.13	1.07	29	0.08	8.63	67	1.5	
ZZ78793	0.008	0.11	1.22	25	0.06	6.10	65	1.2	
ZZ78794	0.008	0.24	1.60	36	0.08	10.85	137	2.1	
ZZ78795	0.009	0.18	0.96	33	0.09	8.53	89	1.9	
ZZ78796	0.008	0.13	1.26	32	0.07	7.30	85	1.5	
ZZ78797	0.013	0.21	0.92	55	0.17	5.23	120	2.9	
ZZ78798	<0.005	0.11	1.29	18	<0.05	5.18	54	1.4	
ZZ78799	0.025	0.13	0.94	52	0.22	4.08	84	1.0	
ZZ78800	0.016	0.14	1.16	52	0.17	9.50	90	2.6	
ZZ78801	0.010	0.16	0.76	61	0.15	16.80	86	3.2	
ZZ78802	0.020	0.14	0.67	54	0.13	7.18	87	3.7	
ZZ78803	0.008	0.17	0.80	59	0.11	10.75	241	1.8	
ZZ78804	0.007	0.15	1.11	28	<0.05	8.70	91	2.1	
ZZ78805	0.016	0.09	0.95	36	0.18	11.85	92	1.3	
ZZ78806	0.007	0.17	1.09	30	0.05	8.55	106	2.7	
ZZ78807	0.012	0.14	1.42	54	0.14	18.40	123	1.3	
ZZ78808	0.009	0.16	0.76	79	0.14	15.60	131	1.7	
ZZ78809	0.015	0.20	1.44	80	0.21	11.65	128	1.3	
ZZ78810	0.030	0.16	1.22	58	0.31	8.69	85	3.3	
ZZ78811	0.022	0.20	0.97	85	0.27	7.96	101	1.6	
ZZ78812	0.011	0.16	0.89	78	0.18	11.20	158	1.2	
ZZ78814	0.005	0.09	0.96	16	<0.05	6.35	86	1.3	
ZZ78815	0.007	0.21	1.87	39	<0.05	11.15	198	2.0	
ZZ78816	0.007	0.17	1.53	32	<0.05	10.05	175	1.7	
ZZ78817	0.007	0.19	1.46	31	0.05	9.87	177	1.8	

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78818		0.18	0.004	0.50	1.13	19.6	<0.2	<10	690	0.54	0.23	0.91	1.22	32.1	11.1	28
ZZ78819		0.09	0.002	0.71	0.62	18.5	<0.2	<10	630	0.49	0.16	1.89	1.35	24.7	10.8	24
ZZ78820		0.18	0.022	5.26	0.59	33.2	<0.2	<10	320	0.44	0.09	1.07	3.42	41.7	29.5	27
ZZ78821		0.11	0.006	0.68	0.80	33.0	<0.2	10	680	0.67	0.22	0.98	2.43	24.6	21.3	85
ZZ78822		0.20	0.005	1.01	1.41	24.9	<0.2	<10	1080	0.86	0.21	0.91	2.39	30.9	9.3	43
ZZ78823		0.20	0.003	0.64	0.98	23.5	<0.2	<10	1070	0.59	0.16	2.11	3.42	22.0	7.3	29
ZZ78824		0.22	<0.001	0.58	1.66	13.4	<0.2	<10	550	0.43	0.23	0.42	1.84	28.7	5.8	26
ZZ78825		0.16	0.003	1.03	1.24	26.5	<0.2	<10	650	0.69	0.20	1.08	1.25	29.1	9.0	32
ZZ78826		0.10	0.002	0.63	0.76	11.4	<0.2	<10	1020	0.35	0.13	3.25	1.22	14.45	7.3	21
ZZ78827		0.16	<0.001	0.14	1.97	12.5	<0.2	<10	700	0.46	0.26	0.71	0.35	26.4	9.3	33
ZZ78828		0.23	0.002	0.69	1.72	22.7	<0.2	<10	600	1.05	0.19	0.61	0.94	39.0	9.9	41
ZZ78829		0.16	0.003	0.87	1.14	22.0	<0.2	<10	780	0.78	0.18	1.53	2.69	30.8	9.9	37
ZZ78830		0.18	0.001	0.25	1.12	11.7	<0.2	<10	410	0.58	0.16	5.43	5.04	17.55	7.2	27
ZZ78831		0.08	0.004	0.27	0.95	9.1	<0.2	<10	310	0.43	0.15	2.85	2.89	15.65	5.2	25
ZZ78832		0.08	0.003	0.26	0.67	7.3	<0.2	<10	470	0.36	0.11	4.01	1.28	12.70	6.0	18
ZZ78833		0.12	0.004	0.26	0.76	10.7	<0.2	<10	300	0.43	0.15	4.73	1.19	19.80	7.4	22
ZZ78834		0.16	0.003	0.36	0.76	12.0	<0.2	<10	360	0.52	0.13	4.54	1.45	17.25	7.3	22
ZZ78835		0.21	0.005	0.76	0.78	55.4	<0.2	<10	440	0.68	0.24	0.70	2.44	26.9	27.3	88
ZZ78836		0.15	0.004	0.33	0.74	33.9	<0.2	<10	360	0.65	0.22	0.54	1.31	23.4	28.4	106
ZZ78837		0.24	0.003	0.25	0.69	32.0	<0.2	<10	440	0.55	0.21	1.41	1.38	21.4	22.5	94
ZZ78838		0.16	0.003	0.23	0.69	29.9	<0.2	<10	290	0.59	0.21	0.59	0.98	22.4	16.1	79
ZZ78839		0.20	0.007	0.46	0.83	37.5	<0.2	<10	330	0.69	0.26	0.71	1.72	25.1	30.5	87
ZZ78840		0.17	0.004	0.54	0.75	51.1	<0.2	<10	390	0.65	0.24	0.69	2.00	25.7	22.7	72
ZZ78841		0.16	0.005	0.35	0.77	37.8	<0.2	<10	380	0.66	0.26	0.84	1.81	23.2	37.1	94
ZZ78842		0.21	0.004	0.35	0.72	36.6	<0.2	<10	320	0.59	0.24	0.81	1.34	23.6	28.3	87
ZZ78843		0.16	0.002	0.25	0.69	16.7	<0.2	<10	260	0.58	0.22	0.99	1.24	20.2	13.8	67
ZZ78844		0.08	<0.001	0.20	0.76	7.0	<0.2	<10	260	0.33	0.13	3.93	1.11	10.55	6.2	15
ZZ78845		0.17	0.001	0.21	1.25	12.1	<0.2	<10	410	0.64	0.20	2.46	0.36	26.9	10.1	25
ZZ78846		0.17	<0.001	0.16	1.60	11.6	<0.2	<10	390	0.71	0.23	1.50	1.40	26.0	10.4	27
ZZ78847		0.22	0.002	0.14	1.58	12.7	<0.2	<10	290	0.52	0.22	0.48	0.12	30.2	9.7	27
ZZ78848		0.18	<0.001	0.28	1.63	12.7	<0.2	<10	490	0.58	0.21	1.24	1.24	25.9	9.9	34
ZZ78849		0.24	0.004	0.71	1.18	18.7	<0.2	<10	680	0.67	0.17	2.34	2.26	29.1	10.9	34
ZZ78850		0.14	<0.001	0.11	1.84	10.3	<0.2	<10	590	0.64	0.22	0.55	0.78	24.3	7.6	31
ZZ78851		0.13	0.003	0.55	0.88	21.8	<0.2	<10	780	0.68	0.20	0.86	1.88	30.5	15.9	65
ZZ78852		0.12	0.001	0.61	0.63	47.4	<0.2	<10	790	0.63	0.16	1.96	3.81	13.75	14.3	38
ZZ78853		0.24	0.002	0.28	1.03	19.0	<0.2	<10	490	0.63	0.21	0.56	1.47	28.5	9.0	39
ZZ78854		0.14	0.004	0.28	1.11	15.0	<0.2	<10	470	0.76	0.23	0.52	1.13	31.2	10.3	43
ZZ78855		0.19	0.001	0.23	0.88	48.1	<0.2	<10	740	0.57	0.21	0.80	1.26	25.7	30.3	30
ZZ78856		0.13	0.002	0.28	1.09	16.5	<0.2	<10	520	0.61	0.25	1.17	0.58	23.9	9.8	35
ZZ78857		0.09	0.003	0.24	0.58	16.6	<0.2	10	650	0.43	0.17	2.49	1.37	11.00	7.4	17

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Finalized Date: 12- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78818		1.37	44.2	2.95	3.79	0.06	0.02	0.17	0.030	0.07	17.2	11.8	0.43	480	4.19	0.02
ZZ78819		0.52	39.6	2.27	1.87	0.05	0.04	0.18	0.020	0.08	13.5	6.8	0.40	782	4.65	0.02
ZZ78820		2.95	59.6	6.89	2.21	0.07	0.04	1.00	0.049	0.22	23.0	6.6	0.20	552	5.20	0.03
ZZ78821		1.67	62.6	3.33	2.27	<0.05	0.06	0.42	0.024	0.08	12.8	12.4	2.15	463	3.23	0.02
ZZ78822		1.26	53.0	2.78	4.37	0.06	0.04	0.23	0.026	0.07	18.3	13.4	0.46	362	4.94	0.02
ZZ78823		0.78	28.9	2.17	3.25	<0.05	0.04	0.15	0.021	0.04	13.2	9.4	0.28	387	2.94	0.02
ZZ78824		1.25	8.1	2.34	5.96	<0.05	0.02	0.05	0.022	0.04	14.2	13.5	0.28	146	1.56	0.02
ZZ78825		0.94	24.0	2.50	3.93	0.05	0.04	0.17	0.023	0.05	18.0	10.7	0.30	254	3.75	0.02
ZZ78826		0.49	27.2	1.62	2.35	<0.05	0.03	0.12	0.021	0.03	7.2	6.3	0.19	278	1.55	0.02
ZZ78827		1.48	11.1	2.78	6.80	<0.05	0.03	0.02	0.034	0.04	12.4	16.8	0.43	255	1.53	0.02
ZZ78828		1.33	20.0	2.66	4.53	0.07	0.05	0.14	0.033	0.05	25.2	12.6	0.28	324	2.96	0.02
ZZ78829		0.77	44.2	2.31	3.79	0.05	0.05	0.28	0.027	0.07	19.3	13.0	0.40	351	3.07	0.02
ZZ78830		0.82	20.2	1.72	3.20	<0.05	0.02	0.09	0.021	0.03	13.2	8.8	0.30	476	0.98	0.02
ZZ78831		0.74	13.2	1.36	3.14	<0.05	0.02	0.11	0.018	0.03	10.7	6.6	0.14	354	1.24	0.02
ZZ78832		0.49	17.5	1.18	2.10	<0.05	0.03	0.12	0.015	0.04	8.0	7.0	0.23	339	0.40	0.02
ZZ78833		0.60	15.9	1.58	2.60	0.05	0.03	0.19	0.020	0.05	13.1	10.8	1.60	253	1.04	0.02
ZZ78834		0.61	23.9	1.58	2.40	<0.05	0.02	0.19	0.019	0.05	11.5	8.7	1.07	442	1.19	0.02
ZZ78835		2.39	67.3	3.41	2.46	0.05	0.05	0.40	0.028	0.09	13.9	14.6	2.40	592	3.00	0.02
ZZ78836		1.64	52.7	3.40	2.32	<0.05	0.05	0.34	0.022	0.06	11.3	14.9	2.88	809	2.52	0.02
ZZ78837		1.52	51.3	3.43	2.18	0.05	0.05	0.21	0.024	0.08	10.4	15.4	2.62	505	2.97	0.02
ZZ78838		1.35	46.5	3.00	2.08	0.06	0.05	0.25	0.022	0.07	11.7	14.3	1.83	313	3.10	0.02
ZZ78839		2.66	70.1	3.82	2.58	0.06	0.06	0.41	0.028	0.08	12.1	15.5	2.42	476	3.21	0.02
ZZ78840		1.87	61.1	3.16	2.51	0.05	0.07	0.33	0.029	0.09	13.2	15.7	1.67	570	3.21	0.01
ZZ78841		2.27	58.8	3.87	2.48	0.05	0.07	0.34	0.027	0.07	11.0	15.2	2.79	1100	3.01	0.02
ZZ78842		2.20	57.7	3.48	2.25	0.05	0.06	0.66	0.030	0.08	11.3	15.0	2.59	222	2.89	0.02
ZZ78843		1.50	55.2	2.42	2.19	0.05	0.07	0.29	0.024	0.07	9.8	15.1	1.85	147	1.69	0.02
ZZ78844		0.61	14.9	1.36	2.30	<0.05	0.02	0.11	0.017	0.04	6.2	7.4	0.24	342	1.02	0.02
ZZ78845		0.82	35.0	2.24	3.96	<0.05	0.03	0.17	0.025	0.05	14.2	14.3	0.96	416	0.83	0.02
ZZ78846		0.91	15.6	2.48	5.05	<0.05	0.02	0.06	0.025	0.03	13.4	11.8	0.36	567	1.37	0.02
ZZ78847		1.23	10.1	2.54	5.20	<0.05	0.03	0.05	0.024	0.05	14.9	14.9	0.45	209	1.69	0.02
ZZ78848		0.93	16.4	2.46	4.89	0.05	0.02	0.07	0.025	0.04	13.1	13.3	0.39	422	1.93	0.02
ZZ78849		0.92	52.2	2.34	3.71	0.06	0.05	0.19	0.026	0.08	16.9	12.6	1.03	438	3.39	0.02
ZZ78850		1.01	10.7	2.56	5.68	<0.05	0.02	0.05	0.030	0.03	12.6	14.8	0.26	156	1.50	0.02
ZZ78851		1.65	57.0	1.63	2.85	0.06	0.08	0.66	0.025	0.09	16.1	13.8	1.34	1080	2.21	0.02
ZZ78852		1.13	54.7	3.15	1.84	<0.05	0.07	0.26	0.020	0.05	6.8	7.9	0.68	241	5.43	0.02
ZZ78853		1.58	46.3	1.97	3.15	<0.05	0.06	0.24	0.024	0.08	14.8	17.4	0.61	93	1.40	0.02
ZZ78854		1.82	48.9	1.78	3.35	0.05	0.05	0.23	0.027	0.09	15.9	19.7	0.66	182	0.78	0.02
ZZ78855		1.52	40.4	4.72	2.87	0.05	0.05	0.17	0.026	0.10	12.7	16.0	0.45	3480	5.15	0.02
ZZ78856		1.67	37.3	2.01	3.30	<0.05	0.04	0.23	0.029	0.07	11.8	18.2	0.56	107	1.02	0.02
ZZ78857		1.32	39.0	2.01	1.61	<0.05	0.09	0.20	0.020	0.06	5.3	6.6	0.23	205	1.33	0.02

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Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78818		0.60	53.6	1130	73.1	8.6	0.001	0.03	1.61	3.3	1.6	0.5	38.0	<0.01	0.06	2.0
ZZ78819		0.30	49.7	1280	51.8	6.1	0.001	0.08	2.29	2.8	2.1	0.3	56.8	<0.01	0.05	0.9
ZZ78820		0.29	107.5	1470	87.6	10.5	0.002	0.43	7.69	8.7	4.0	0.6	86.8	<0.01	0.03	2.2
ZZ78821		0.27	241	1060	89.0	7.5	0.003	0.09	2.14	4.0	2.0	0.3	64.7	<0.01	0.07	2.3
ZZ78822		0.62	70.8	1370	33.3	9.3	0.001	0.03	2.52	4.7	1.9	0.6	44.1	<0.01	0.09	2.6
ZZ78823		0.56	39.1	1060	26.6	6.8	0.002	0.11	2.97	2.5	2.8	0.4	43.7	<0.01	0.06	0.8
ZZ78824		1.17	18.4	370	22.0	8.1	0.001	0.02	1.14	2.7	0.8	0.7	17.7	<0.01	0.03	2.9
ZZ78825		0.79	48.7	860	24.4	6.5	0.001	0.03	4.98	3.6	2.3	0.5	40.5	<0.01	0.06	2.7
ZZ78826		0.51	32.4	980	13.4	4.5	0.009	0.20	3.38	1.5	3.8	0.3	59.8	<0.01	0.04	0.5
ZZ78827		1.41	22.8	360	17.1	7.8	<0.001	0.02	0.56	3.4	0.5	0.8	18.4	<0.01	0.04	2.8
ZZ78828		0.72	52.3	930	36.4	9.0	0.001	0.03	1.34	5.1	1.3	0.6	25.0	<0.01	0.05	3.5
ZZ78829		0.63	59.3	1330	44.4	9.3	0.002	0.05	2.04	4.4	2.0	0.5	40.3	<0.01	0.09	2.1
ZZ78830		0.56	27.6	1150	16.3	6.0	<0.001	0.08	0.83	1.5	1.2	0.4	32.0	<0.01	0.03	0.3
ZZ78831		0.55	20.0	890	14.9	5.3	<0.001	0.08	0.75	1.4	0.9	0.4	34.5	<0.01	0.03	0.3
ZZ78832		0.50	20.3	930	11.3	5.7	0.001	0.13	1.02	1.1	1.8	0.3	43.5	<0.01	0.04	0.3
ZZ78833		0.60	30.2	940	12.3	6.4	0.002	0.07	0.84	2.0	1.6	0.3	48.0	<0.01	0.03	0.7
ZZ78834		0.42	33.4	1160	15.7	6.4	0.001	0.11	1.13	1.3	1.5	0.3	48.3	<0.01	0.04	0.3
ZZ78835		0.27	269	960	77.3	8.2	0.004	0.06	2.11	4.9	1.7	0.3	47.1	<0.01	0.08	2.7
ZZ78836		0.21	293	850	46.2	6.5	0.001	0.04	1.33	4.1	1.4	0.2	33.4	<0.01	0.07	2.5
ZZ78837		0.17	228	900	37.9	5.7	0.002	0.05	1.47	4.1	1.2	0.2	53.6	<0.01	0.07	2.6
ZZ78838		0.15	181.0	980	37.7	5.9	0.002	0.05	1.55	3.7	1.3	0.2	38.0	<0.01	0.05	2.3
ZZ78839		0.22	283	920	45.9	7.4	0.002	0.06	1.53	5.4	1.9	0.3	46.6	<0.01	0.09	2.7
ZZ78840		0.23	202	990	66.4	7.5	0.005	0.06	1.94	4.4	1.8	0.3	44.2	<0.01	0.08	2.6
ZZ78841		0.23	308	850	42.7	7.0	0.003	0.06	1.39	4.8	1.4	0.3	44.8	<0.01	0.07	2.6
ZZ78842		0.21	282	830	43.8	7.0	0.002	0.06	1.42	4.8	1.7	0.3	42.1	<0.01	0.07	2.9
ZZ78843		0.17	172.5	830	30.3	6.5	0.003	0.11	1.10	3.8	1.2	0.2	47.7	<0.01	0.05	2.3
ZZ78844		0.46	17.4	830	12.1	5.9	0.001	0.16	0.58	1.1	1.1	0.3	45.0	<0.01	0.05	0.2
ZZ78845		0.76	36.1	680	16.0	7.2	0.001	0.06	0.71	2.6	1.2	0.4	37.7	<0.01	0.02	0.9
ZZ78846		0.87	22.7	610	16.7	6.2	<0.001	0.04	0.60	2.7	0.7	0.6	26.0	<0.01	0.03	0.9
ZZ78847		1.23	21.5	510	12.9	9.0	<0.001	0.02	0.40	3.3	1.1	0.6	18.7	<0.01	0.03	3.1
ZZ78848		0.83	30.4	690	23.5	7.4	0.001	0.04	0.65	2.7	0.9	0.5	25.6	<0.01	0.04	0.9
ZZ78849		0.73	77.7	1350	22.3	8.9	0.002	0.03	1.95	4.7	1.4	0.5	50.3	<0.01	0.06	2.7
ZZ78850		1.16	21.1	460	17.5	6.0	<0.001	0.04	0.48	3.1	0.6	0.7	17.3	<0.01	0.03	1.9
ZZ78851		0.34	142.5	1070	59.2	10.0	0.004	0.06	1.85	4.5	2.5	0.4	37.0	<0.01	0.06	3.5
ZZ78852		0.25	179.0	960	36.5	6.1	0.002	0.15	1.78	2.7	2.5	0.2	97.9	<0.01	0.06	1.1
ZZ78853		0.31	64.1	840	31.7	10.0	0.006	0.06	1.06	4.2	1.9	0.3	35.2	<0.01	0.07	3.9
ZZ78854		0.29	70.6	850	34.2	11.0	0.002	0.05	0.89	4.5	1.6	0.3	35.7	<0.01	0.06	4.1
ZZ78855		0.17	61.6	1150	30.7	9.2	0.004	0.10	1.16	3.8	1.7	0.3	50.0	<0.01	0.08	3.2
ZZ78856		0.26	54.3	820	34.8	8.3	0.001	0.08	0.77	3.6	1.2	0.3	53.9	<0.01	0.06	1.9
ZZ78857		0.20	78.4	780	22.9	7.0	0.004	0.35	1.13	2.6	1.8	0.2	77.3	<0.01	0.06	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Zn-OG46 Zn % 0.001
ZZ78818		0.015	0.22	1.72	66	0.16	12.95	157	0.7	
ZZ78819		0.008	0.15	2.87	52	0.12	13.05	170	1.4	
ZZ78820		0.008	0.76	1.25	44	0.06	14.30	412	1.9	
ZZ78821		0.006	0.15	2.45	45	0.10	12.55	359	2.4	
ZZ78822		0.015	0.34	2.21	197	0.22	20.2	371	1.3	
ZZ78823		0.011	0.22	3.38	110	0.14	15.90	218	1.4	
ZZ78824		0.022	0.24	1.06	80	0.25	6.25	176	0.8	
ZZ78825		0.019	0.50	1.11	66	0.34	14.45	243	1.4	
ZZ78826		0.012	0.16	2.41	39	0.12	8.20	126	1.3	
ZZ78827		0.032	0.20	0.90	91	0.29	4.21	130	1.2	
ZZ78828		0.013	0.29	2.21	131	0.16	34.6	179	1.8	
ZZ78829		0.014	0.23	2.24	146	0.13	26.3	330	2.1	
ZZ78830		0.015	0.08	1.47	55	0.14	35.8	247	0.8	
ZZ78831		0.015	0.12	2.75	66	0.15	16.40	107	0.8	
ZZ78832		0.013	0.10	2.85	34	0.09	12.15	110	1.2	
ZZ78833		0.018	0.15	2.03	41	0.19	18.50	131	1.0	
ZZ78834		0.010	0.19	2.42	50	0.09	20.4	159	1.0	
ZZ78835		0.007	0.18	2.34	45	0.14	13.10	372	2.6	
ZZ78836		0.006	0.12	1.94	32	0.05	10.40	291	2.2	
ZZ78837		<0.005	0.13	1.95	34	<0.05	10.20	241	2.5	
ZZ78838		<0.005	0.12	2.47	33	0.06	10.70	220	2.5	
ZZ78839		0.006	0.16	2.25	37	0.05	12.55	292	2.6	
ZZ78840		0.006	0.16	2.64	40	0.06	12.20	301	3.0	
ZZ78841		0.006	0.14	1.93	32	0.06	11.45	281	2.6	
ZZ78842		0.006	0.13	1.94	30	0.06	11.20	266	2.5	
ZZ78843		<0.005	0.10	1.96	24	0.05	10.00	186	2.8	
ZZ78844		0.012	0.12	1.20	28	0.07	7.58	154	1.1	
ZZ78845		0.018	0.13	0.85	50	0.22	13.80	112	1.1	
ZZ78846		0.024	0.10	1.58	66	0.25	9.81	101	0.6	
ZZ78847		0.031	0.14	0.94	52	0.30	6.24	54	1.1	
ZZ78848		0.020	0.15	1.65	83	0.18	12.50	140	0.8	
ZZ78849		0.023	0.30	1.67	131	0.24	19.50	346	2.2	
ZZ78850		0.023	0.14	1.26	83	0.23	8.00	103	0.8	
ZZ78851		0.006	0.19	3.07	58	0.08	14.85	337	4.0	
ZZ78852		0.005	0.10	9.67	35	0.05	9.29	351	2.9	
ZZ78853		0.006	0.14	3.23	41	0.12	11.50	204	2.9	
ZZ78854		0.005	0.13	2.05	38	0.05	12.00	223	3.2	
ZZ78855		<0.005	0.11	2.02	33	<0.05	9.99	230	2.5	
ZZ78856		<0.005	0.10	2.19	31	0.05	9.78	155	2.1	
ZZ78857		<0.005	0.08	5.02	19	<0.05	7.09	92	3.9	

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VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ78858		0.12	0.005	0.27	0.81	8.0	<0.2	<10	2220	0.33	0.13	1.65	1.12	28.9	9.2	22
ZZ78859		0.10	<0.001	0.39	0.87	7.6	<0.2	<10	1110	0.51	0.15	2.10	2.87	17.40	17.0	22
ZZ78860		0.12	<0.001	0.53	0.63	13.6	<0.2	<10	930	0.37	0.11	2.68	0.86	15.65	7.9	17
ZZ78861		0.12	0.003	0.64	0.65	13.8	<0.2	10	1050	0.49	0.11	3.99	1.51	16.75	9.6	16
ZZ78862		0.28	<0.001	0.37	1.45	12.5	<0.2	<10	150	0.80	0.21	5.09	1.48	18.90	7.8	20
ZZ78863		0.33	0.012	1.23	0.47	97	<0.2	<10	110	0.42	0.06	13.95	6.59	8.44	3.1	5
ZZ78864		0.29	0.004	0.30	1.21	18.2	<0.2	<10	180	0.86	0.23	2.25	1.80	20.2	10.3	17
ZZ78865		0.38	<0.001	0.19	1.33	17.0	<0.2	<10	190	1.01	0.23	2.31	0.49	21.6	11.0	17
ZZ78866		0.23	<0.001	0.16	1.57	16.4	<0.2	<10	200	1.12	0.26	0.68	0.59	30.1	12.8	19
ZZ78867		0.17	0.002	0.40	1.54	89.3	<0.2	10	190	0.97	0.21	3.86	11.30	18.00	8.9	18
ZZ78868		0.25	<0.001	0.18	1.98	11.7	<0.2	<10	180	1.04	0.25	0.47	2.88	25.2	9.5	26
ZZ78869		0.32	<0.001	0.19	1.49	15.9	<0.2	<10	170	0.93	0.20	4.84	0.73	22.0	9.4	18
ZZ78870		0.17	<0.001	0.53	0.76	41	<0.2	<10	90	0.51	0.10	11.70	3.69	11.35	5.2	9
ZZ78871		0.29	0.002	0.09	0.14	16	<0.2	<10	30	0.14	0.02	19.15	0.52	2.21	1.1	1
ZZ78872		0.26	<0.001	0.17	0.24	17	<0.2	<10	60	0.22	0.03	18.05	0.29	3.80	2.0	2
ZZ78873		0.18	<0.001	0.50	0.40	44	<0.2	10	70	0.55	0.10	13.25	0.70	8.71	4.5	4
ZZ81574		0.13	<0.001	0.16	1.12	17.3	<0.2	<10	290	0.37	0.19	1.88	0.28	17.55	7.9	22
ZZ81575		0.20	0.002	0.06	0.30	10	<0.2	<10	120	0.31	0.10	13.65	0.32	16.00	5.7	12
ZZ81576		0.18	<0.001	0.05	0.25	7	<0.2	<10	130	0.21	0.09	13.35	0.49	11.80	4.6	9
ZZ81577		0.15	<0.001	0.11	1.10	9.8	<0.2	<10	410	0.41	0.17	1.85	1.43	16.55	4.8	17
ZZ81578		0.28	<0.001	0.08	0.26	8.1	<0.2	<10	110	0.31	0.13	8.12	0.31	17.90	3.2	8
ZZ81579		0.17	0.001	0.19	1.79	14.6	<0.2	<10	430	0.83	0.23	1.65	0.53	33.2	9.3	31
ZZ81580		0.25	0.003	0.34	0.73	13.6	<0.2	<10	590	0.49	0.13	7.61	1.98	17.70	6.7	17
ZZ81581		0.20	<0.001	0.27	1.80	18.0	<0.2	<10	500	0.82	0.22	1.18	1.97	27.3	7.9	33
ZZ81582		0.22	<0.001	0.07	2.13	11.0	<0.2	<10	280	0.69	0.25	0.65	0.19	31.5	7.5	30
ZZ81583		0.27	0.001	0.29	1.78	22.7	<0.2	<10	180	1.14	0.21	2.11	1.07	40.3	15.0	40
ZZ81584		0.25	0.003	0.34	0.71	17.2	<0.2	<10	650	0.52	0.15	4.89	1.57	19.65	11.7	37
ZZ81585		0.26	0.004	0.25	0.67	16.5	<0.2	<10	580	0.45	0.14	5.97	1.20	19.55	11.4	37
ZZ81586		0.15	0.002	0.33	0.76	16.8	<0.2	<10	510	0.55	0.16	3.73	1.27	20.4	11.3	37
ZZ81587		0.25	0.001	0.26	1.24	20.6	<0.2	<10	370	0.85	0.17	3.81	1.47	24.1	10.1	31
ZZ81588		0.28	0.003	0.40	0.92	14.3	<0.2	<10	310	0.51	0.16	3.92	1.21	21.5	11.2	34
ZZ81589		0.30	0.003	0.67	1.22	23.4	<0.2	<10	590	0.80	0.21	1.38	2.68	26.0	15.2	41
ZZ81590		0.29	<0.001	0.13	1.37	16.4	<0.2	<10	330	0.57	0.20	0.65	1.50	20.9	11.5	35
ZZ81591		0.40	0.002	0.28	0.80	15	<0.2	<10	310	0.47	0.15	10.95	1.10	18.55	9.7	21
ZZ81592		0.09	<0.001	0.33	1.22	25.0	<0.2	10	610	0.67	0.19	2.51	5.74	17.25	10.9	25
ZZ81593		0.19	<0.001	0.03	1.65	10.1	<0.2	<10	300	0.58	0.17	0.42	0.52	24.9	7.9	24
ZZ81594		0.22	<0.001	0.02	1.92	9.7	<0.2	<10	200	0.56	0.15	0.12	0.39	19.25	8.1	25
ZZ81595		0.19	0.007	0.23	0.77	10.5	<0.2	10	400	0.42	0.12	5.53	3.16	12.90	5.1	17
ZZ81596		0.27	0.003	0.04	1.91	11.7	<0.2	<10	260	0.68	0.21	0.52	0.73	32.3	8.6	27
ZZ81597		0.25	<0.001	0.18	1.59	19.5	<0.2	<10	270	0.60	0.22	1.27	0.66	28.3	10.4	27

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Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78858		0.94	46.4	2.68	2.52	0.05	0.04	0.32	0.025	0.07	18.5	8.0	0.23	591	2.24	0.01
ZZ78859		0.78	50.4	1.86	2.43	<0.05	0.07	0.21	0.022	0.07	8.8	9.1	0.38	2020	2.85	0.02
ZZ78860		0.86	44.6	1.63	1.82	<0.05	0.04	0.18	0.020	0.06	8.5	7.4	0.31	533	1.77	0.02
ZZ78861		0.67	140.0	1.79	1.96	<0.05	0.04	0.30	0.019	0.04	11.0	5.3	0.30	853	1.41	0.02
ZZ78862		0.85	13.1	3.05	4.10	<0.05	0.04	0.31	0.040	0.05	10.1	13.7	3.28	973	0.87	0.01
ZZ78863		0.36	9.3	2.48	1.33	<0.05	0.02	1.15	0.021	0.03	3.3	2.6	7.63	2480	0.41	0.02
ZZ78864		0.80	23.2	3.14	3.41	<0.05	0.06	0.11	0.035	0.08	9.9	12.3	1.33	702	1.13	0.01
ZZ78865		0.85	22.3	3.42	3.65	<0.05	0.07	0.08	0.039	0.09	10.6	12.1	1.45	840	1.15	0.01
ZZ78866		0.71	18.1	3.90	4.22	<0.05	0.08	0.09	0.051	0.09	12.3	12.9	0.56	1120	1.21	0.02
ZZ78867		0.93	22.7	3.13	4.20	<0.05	0.04	0.35	0.037	0.07	8.8	10.5	2.05	1130	0.82	0.01
ZZ78868		0.97	16.0	3.20	5.96	<0.05	0.07	0.06	0.038	0.04	12.7	14.7	0.55	986	0.73	0.01
ZZ78869		0.70	14.0	3.14	4.04	<0.05	0.08	0.11	0.040	0.09	10.3	12.8	3.31	1240	0.85	0.01
ZZ78870		0.51	11.2	2.14	1.98	<0.05	0.03	0.34	0.020	0.04	5.3	6.0	6.98	1370	0.62	0.02
ZZ78871		0.15	4.5	0.67	0.28	<0.05	0.02	0.12	0.007	0.01	1.0	1.6	11.20	882	0.29	0.02
ZZ78872		0.18	5.8	1.01	0.52	<0.05	0.02	0.22	0.013	0.02	1.7	1.8	10.35	896	0.40	0.02
ZZ78873		0.83	13.1	1.69	1.10	<0.05	0.04	0.16	0.019	0.08	3.9	2.9	7.51	932	0.50	0.02
ZZ81574		0.58	12.0	2.27	3.42	<0.05	0.03	0.08	0.024	0.05	8.7	9.6	0.49	415	1.50	0.01
ZZ81575		0.73	10.2	1.40	0.93	<0.05	0.03	0.05	0.016	0.06	7.9	2.3	6.92	168	1.82	0.03
ZZ81576		0.61	8.6	1.07	0.71	<0.05	0.03	0.05	0.012	0.05	5.6	1.8	6.46	172	1.79	0.03
ZZ81577		0.63	12.0	1.99	3.33	<0.05	0.03	0.06	0.026	0.05	9.1	9.9	0.28	198	1.36	0.02
ZZ81578		0.58	10.7	1.15	0.87	<0.05	0.05	0.05	0.015	0.05	9.0	2.5	4.19	116	1.31	0.01
ZZ81579		0.81	10.3	2.75	5.12	<0.05	0.04	0.06	0.032	0.04	19.5	13.4	1.01	426	1.33	0.01
ZZ81580		0.66	24.8	1.90	2.08	<0.05	0.02	0.14	0.020	0.05	9.8	7.8	3.17	527	1.90	0.01
ZZ81581		1.28	13.8	3.29	5.05	<0.05	0.03	0.08	0.038	0.05	15.4	16.1	0.62	608	2.76	0.01
ZZ81582		1.19	9.6	2.79	6.72	<0.05	0.04	0.04	0.029	0.04	15.7	15.7	0.55	262	1.27	0.01
ZZ81583		0.99	35.1	3.74	4.39	0.08	0.06	0.11	0.038	0.08	27.1	25.2	1.66	800	2.76	0.01
ZZ81584		1.12	29.6	2.35	2.20	<0.05	0.05	0.33	0.019	0.07	10.6	12.2	3.36	381	2.26	0.01
ZZ81585		1.19	28.9	2.35	2.16	<0.05	0.05	0.14	0.022	0.07	10.4	12.6	3.90	354	2.50	0.01
ZZ81586		1.11	27.9	2.34	2.35	<0.05	0.06	0.16	0.024	0.07	10.6	13.1	2.64	324	2.30	0.01
ZZ81587		0.62	23.9	2.49	3.59	<0.05	0.08	0.14	0.028	0.06	13.1	13.5	1.51	483	2.41	0.01
ZZ81588		0.93	32.9	2.42	2.78	<0.05	0.06	0.20	0.025	0.06	11.5	15.2	2.77	284	1.63	0.01
ZZ81589		1.29	46.2	3.21	3.52	<0.05	0.06	0.54	0.031	0.08	14.2	15.5	1.18	684	2.69	0.01
ZZ81590		0.81	17.0	3.01	4.19	<0.05	0.05	0.04	0.031	0.07	11.0	18.1	0.55	353	1.98	0.01
ZZ81591		1.21	29.6	2.25	2.41	<0.05	0.11	0.13	0.021	0.09	9.4	13.1	3.30	377	2.32	0.01
ZZ81592		0.97	40.8	2.41	3.50	<0.05	0.06	0.16	0.027	0.07	8.7	11.9	0.52	553	1.42	0.01
ZZ81593		0.74	12.1	2.67	4.98	<0.05	0.06	0.03	0.026	0.03	12.3	16.0	0.46	134	1.45	0.01
ZZ81594		0.81	7.9	2.85	5.20	<0.05	0.06	0.02	0.028	0.03	9.6	18.8	0.37	150	1.15	0.01
ZZ81595		0.66	19.9	1.56	2.11	<0.05	0.04	0.14	0.018	0.04	7.2	7.8	2.09	289	1.00	0.01
ZZ81596		1.24	7.3	2.82	5.55	<0.05	0.05	0.03	0.031	0.04	15.1	14.2	0.49	495	1.65	0.01
ZZ81597		1.22	14.1	2.81	4.57	<0.05	0.04	0.08	0.027	0.06	12.6	14.4	0.77	455	4.28	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78858		0.34	43.3	860	16.5	8.6	0.003	0.19	1.02	5.1	1.9	0.3	51.9	<0.01	0.04	1.1
ZZ78859		0.36	66.1	1000	15.7	9.7	0.006	0.18	1.58	3.1	2.1	0.3	59.3	<0.01	0.03	1.1
ZZ78860		0.28	31.9	880	30.8	6.5	0.002	0.12	1.40	2.3	1.5	0.3	65.5	<0.01	0.05	0.6
ZZ78861		0.32	60.5	1000	27.8	4.2	0.004	0.16	1.86	2.3	2.6	0.3	88.2	<0.01	0.05	0.3
ZZ78862		0.59	17.8	810	30.9	8.2	<0.001	0.04	1.30	3.4	0.9	0.5	18.8	<0.01	0.03	1.2
ZZ78863		0.13	5.0	3020	341	2.7	<0.001	0.11	10.55	0.5	0.6	<0.2	32.5	<0.01	0.02	0.2
ZZ78864		0.51	21.4	590	39.5	8.1	<0.001	0.05	1.98	4.2	0.9	0.4	17.0	<0.01	0.02	1.6
ZZ78865		0.47	22.2	380	37.1	8.4	<0.001	0.03	1.37	5.3	0.8	0.4	15.4	<0.01	0.03	2.3
ZZ78866		0.50	20.8	250	47.0	9.6	<0.001	0.01	1.38	6.3	0.5	0.5	7.2	<0.01	0.02	3.4
ZZ78867		0.57	17.4	850	261	8.9	<0.001	0.06	9.09	3.1	0.7	0.5	17.8	<0.01	0.03	0.8
ZZ78868		1.07	20.5	140	49.1	7.1	<0.001	0.01	1.65	4.7	0.6	0.7	9.5	<0.01	0.02	3.5
ZZ78869		0.56	18.9	470	50.7	9.1	<0.001	0.03	2.21	4.1	0.5	0.5	14.4	<0.01	0.02	2.0
ZZ78870		0.27	11.1	930	260	5.3	<0.001	0.07	7.92	1.2	0.5	0.2	26.8	<0.01	0.02	0.4
ZZ78871		0.06	1.7	320	42.0	1.1	<0.001	0.04	7.01	0.3	0.3	<0.2	34.2	<0.01	<0.01	<0.2
ZZ78872		0.06	3.4	870	29.4	1.7	<0.001	0.05	9.72	0.4	0.3	<0.2	26.0	<0.01	<0.01	0.2
ZZ78873		0.16	8.6	1080	52.4	4.4	<0.001	0.09	4.05	1.2	0.5	0.2	25.0	<0.01	0.02	0.4
ZZ81574		0.70	15.9	770	27.4	5.4	<0.001	0.09	0.62	2.0	0.6	0.4	17.9	<0.01	0.03	0.8
ZZ81575		0.21	15.6	450	11.5	4.2	0.001	0.04	0.47	2.0	0.4	0.2	92.2	<0.01	0.02	0.8
ZZ81576		0.16	11.8	470	7.9	3.4	0.001	0.07	0.45	1.5	0.5	<0.2	90.7	<0.01	0.01	0.5
ZZ81577		0.55	14.6	560	17.1	8.0	<0.001	0.06	0.67	2.1	0.7	0.4	35.2	<0.01	0.03	0.7
ZZ81578		0.11	9.4	660	14.9	3.8	0.001	0.02	0.39	1.9	0.4	0.2	58.3	<0.01	<0.01	2.0
ZZ81579		0.93	26.8	560	15.1	5.8	0.001	0.03	0.58	4.3	0.9	0.6	23.7	<0.01	0.02	1.9
ZZ81580		0.31	26.5	1160	19.5	5.5	0.001	0.09	1.31	1.8	1.3	0.4	90.7	<0.01	0.03	0.3
ZZ81581		0.78	29.5	610	24.9	10.3	<0.001	0.04	1.15	4.1	1.0	0.6	24.8	<0.01	0.04	2.2
ZZ81582		1.28	21.0	300	15.9	8.5	<0.001	0.02	0.47	4.0	0.6	0.7	17.9	<0.01	0.03	3.1
ZZ81583		0.45	50.7	1100	26.2	10.8	<0.001	0.02	1.12	9.3	1.8	0.4	27.6	<0.01	0.05	3.8
ZZ81584		0.28	77.6	1210	22.9	5.7	0.003	0.05	1.17	3.0	2.0	0.3	54.4	<0.01	0.05	2.0
ZZ81585		0.28	82.7	1150	22.2	5.4	0.002	0.04	1.59	2.8	1.6	0.2	70.4	<0.01	0.05	2.2
ZZ81586		0.31	77.1	1100	23.5	6.1	0.002	0.05	1.20	3.0	1.6	0.3	48.8	<0.01	0.05	2.0
ZZ81587		0.20	50.8	1300	23.3	5.8	<0.001	0.06	1.36	4.0	1.3	0.4	62.8	<0.01	0.04	1.2
ZZ81588		0.26	71.9	1080	22.2	5.7	0.001	0.02	0.87	3.6	0.9	0.2	44.5	<0.01	0.04	2.1
ZZ81589		0.34	93.9	1110	31.0	8.6	0.001	0.02	1.21	4.2	1.4	0.4	32.2	<0.01	0.07	2.1
ZZ81590		0.43	36.7	320	24.0	9.9	0.001	0.02	0.70	3.4	0.5	0.4	20.0	<0.01	0.03	2.3
ZZ81591		0.16	43.3	700	18.5	6.1	0.001	0.02	1.14	3.5	0.8	0.3	178.5	<0.01	0.03	3.1
ZZ81592		0.45	42.5	1090	55.5	13.5	0.002	0.11	1.34	2.3	1.6	0.4	56.4	<0.01	0.03	0.8
ZZ81593		0.50	20.5	160	19.3	4.9	<0.001	0.01	0.52	3.7	0.6	0.5	10.8	<0.01	0.03	2.9
ZZ81594		0.50	19.0	110	19.1	6.6	<0.001	0.01	0.44	2.8	0.3	0.6	7.5	<0.01	0.02	2.5
ZZ81595		0.38	26.6	800	21.2	5.5	<0.001	0.10	0.93	1.6	1.1	0.2	69.9	<0.01	0.02	0.4
ZZ81596		1.03	19.5	310	20.9	9.8	<0.001	0.02	0.67	3.9	0.5	0.6	12.5	<0.01	0.03	2.9
ZZ81597		0.88	25.4	530	26.4	8.8	<0.001	0.03	0.75	3.1	0.8	0.5	22.7	<0.01	0.02	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Zn- OG46
Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001
ZZ78858	0.006	0.19	4.74	50	0.07	14.35	77	1.6	
ZZ78859	0.007	0.27	4.56	51	0.10	11.05	262	2.8	
ZZ78860	0.006	0.21	2.22	54	0.08	9.87	116	2.1	
ZZ78861	0.008	0.13	4.82	42	0.06	20.3	59	2.1	
ZZ78862	0.016	0.12	0.59	37	0.17	10.30	277	1.2	
ZZ78863	0.006	0.35	0.27	14	0.10	7.07	608	0.6	
ZZ78864	0.012	0.11	0.85	30	0.10	11.15	498	1.9	
ZZ78865	0.009	0.12	0.62	32	0.10	13.45	129	2.3	
ZZ78866	0.007	0.13	0.66	36	0.10	10.70	193	3.0	
ZZ78867	0.013	0.13	1.04	36	0.15	9.02	2530	1.2	
ZZ78868	0.026	0.14	0.48	49	0.14	8.26	467	2.9	
ZZ78869	0.013	0.11	0.49	35	0.17	10.35	194	2.1	
ZZ78870	0.011	0.09	0.56	19	0.13	7.20	557	1.0	
ZZ78871	<0.005	0.06	0.42	3	0.06	2.15	189	0.7	
ZZ78872	<0.005	0.11	0.43	6	0.07	3.94	198	0.7	
ZZ78873	0.006	0.12	0.49	10	0.07	4.76	225	1.2	
ZZ81574	0.019	0.18	2.73	45	0.13	4.94	93	1.0	
ZZ81575	0.005	0.31	1.03	15	<0.05	5.65	86	1.1	
ZZ81576	<0.005	0.26	1.02	12	<0.05	4.40	69	1.0	
ZZ81577	0.011	0.15	1.25	47	0.09	6.71	113	1.1	
ZZ81578	<0.005	0.13	0.95	13	<0.05	7.43	42	2.3	
ZZ81579	0.021	0.15	0.92	64	0.20	15.60	102	1.2	
ZZ81580	0.010	0.20	2.30	50	0.12	11.95	163	0.8	
ZZ81581	0.013	0.27	1.63	121	0.21	13.90	184	1.3	
ZZ81582	0.029	0.18	0.82	69	0.25	7.75	55	1.3	
ZZ81583	0.008	0.22	1.61	88	0.09	32.5	113	2.1	
ZZ81584	0.007	0.21	1.57	42	0.06	11.95	190	1.9	
ZZ81585	0.007	0.19	1.60	36	0.05	10.75	168	1.9	
ZZ81586	0.007	0.22	1.49	41	0.06	11.25	177	2.4	
ZZ81587	0.005	0.15	1.47	71	0.07	18.65	158	2.6	
ZZ81588	0.007	0.17	1.22	44	0.12	12.25	186	2.1	
ZZ81589	0.009	0.31	1.41	66	0.09	14.50	268	1.9	
ZZ81590	0.007	0.16	1.23	59	0.06	5.68	270	2.0	
ZZ81591	0.011	0.24	1.27	36	0.05	8.94	129	5.7	
ZZ81592	0.010	0.16	11.95	44	0.09	8.78	1540	1.9	
ZZ81593	0.006	0.17	0.45	60	0.09	5.77	88	2.4	
ZZ81594	0.008	0.17	0.29	53	0.07	2.03	96	2.4	
ZZ81595	0.012	0.11	9.86	26	0.08	8.00	787	1.8	
ZZ81596	0.020	0.22	0.87	60	0.17	7.73	301	1.4	
ZZ81597	0.023	0.18	9.13	51	0.22	6.38	508	1.2	

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VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81598	0.10	<0.001	0.24	0.96	7.1	<0.2	<10	340	0.40	0.12	2.99	1.18	13.40	9.4	16
ZZ81599	0.37	<0.001	0.18	1.51	12.8	<0.2	<10	440	0.56	0.16	3.18	0.37	26.5	8.7	27
ZZ81600	0.23	<0.001	0.13	0.99	10.9	<0.2	<10	150	0.47	0.12	8.70	0.24	23.2	5.2	18
ZZ81601	0.20	0.002	0.08	0.94	7.7	<0.2	<10	140	0.64	0.15	1.17	0.30	46.0	10.1	21
ZZ81602	0.24	0.001	0.09	1.72	14.2	<0.2	<10	200	0.68	0.21	1.70	0.21	34.5	9.7	30
ZZ81603	0.31	0.001	0.08	1.85	11.3	<0.2	<10	240	0.54	0.22	0.51	0.18	30.3	9.8	30
ZZ81604	0.29	0.001	0.15	1.31	85.5	<0.2	10	420	0.72	0.19	3.10	1.61	25.4	10.5	23
ZZ81605	0.21	<0.001	0.17	1.16	26.6	<0.2	10	210	0.47	0.14	4.96	10.30	17.40	7.9	19
ZZ81606	0.38	0.002	2.18	1.07	47.4	<0.2	10	150	0.68	0.15	4.52	28.7	23.3	10.3	19
ZZ81607	0.23	<0.001	0.13	1.61	20.4	<0.2	<10	240	0.77	0.20	1.99	0.67	37.0	10.3	29
ZZ81608	0.20	0.002	0.14	1.41	20.2	<0.2	<10	210	0.64	0.18	4.07	0.83	28.3	8.3	25
ZZ81609	0.27	0.003	0.21	1.70	13.8	<0.2	<10	290	0.68	0.19	2.05	0.47	31.1	10.6	28
ZZ81610	0.21	0.002	0.13	1.69	13.3	<0.2	<10	230	0.57	0.21	1.38	2.33	23.2	7.9	27
ZZ81611	0.20	0.001	0.06	2.25	13.3	<0.2	<10	340	0.80	0.25	0.42	0.49	35.8	10.1	36
ZZ81612	0.22	0.002	0.14	2.13	15.3	<0.2	<10	320	0.86	0.20	1.88	0.63	21.6	9.3	32
ZZ81613	0.15	0.001	0.11	1.69	10.0	<0.2	<10	210	0.59	0.21	3.10	0.70	24.5	7.0	27
ZZ81614	0.21	<0.001	0.28	1.65	13.3	<0.2	<10	220	0.69	0.19	2.71	1.13	26.9	8.2	29
ZZ81615	0.21	<0.001	0.17	1.45	11.8	<0.2	<10	210	0.56	0.15	3.90	0.86	23.7	7.2	24
ZZ81616	0.12	0.004	0.22	0.54	6.1	<0.2	10	750	0.32	0.07	4.31	1.02	8.60	4.5	10
ZZ81617	0.27	0.001	0.13	1.31	10.0	<0.2	<10	160	0.58	0.13	5.94	0.45	17.85	7.8	20
ZZ81618	0.26	<0.001	0.15	1.97	13.8	<0.2	<10	270	0.84	0.23	1.50	0.48	27.6	8.1	32
ZZ81619	0.40	0.001	0.23	1.59	13.7	<0.2	<10	220	0.60	0.20	2.16	0.23	30.1	8.7	28
ZZ81620	0.22	<0.001	0.08	1.58	8.5	<0.2	<10	200	0.46	0.13	4.07	0.27	22.2	7.0	22
ZZ81621	0.21	0.001	0.28	1.15	9.1	<0.2	<10	840	0.40	0.16	3.24	0.54	19.05	8.8	20
ZZ81622	0.25	<0.001	0.50	1.04	13.5	<0.2	<10	420	0.47	0.11	0.95	0.35	18.15	6.7	27
ZZ81623	0.43	0.002	0.16	1.29	11.5	<0.2	<10	200	0.50	0.11	9.19	0.49	18.50	7.1	20
ZZ81624	0.32	0.002	0.24	1.16	11	<0.2	<10	210	0.46	0.10	10.60	0.39	16.25	6.2	19
ZZ81625	0.36	0.001	0.17	1.41	10.9	<0.2	<10	630	0.47	0.19	1.36	0.46	26.5	9.2	25
ZZ81626	0.24	0.002	0.27	1.69	14.1	<0.2	<10	500	0.55	0.20	1.55	0.48	22.7	9.1	27
ZZ81627	0.18	<0.001	0.07	2.03	11.3	<0.2	<10	660	0.77	0.21	1.16	2.26	31.1	12.4	27
ZZ81628	0.26	<0.001	0.06	1.74	11.2	<0.2	<10	400	0.63	0.21	1.66	0.57	26.7	9.6	27
ZZ81629	0.18	NSS	0.15	0.18	4.6	<0.2	10	1030	0.12	0.03	7.26	0.52	2.52	1.8	6
ZZ81630	0.22	0.001	0.66	0.40	15	<0.2	10	1450	0.29	0.07	12.20	1.77	10.60	4.1	18
ZZ81631	0.15	<0.001	0.22	0.24	7.0	<0.2	10	860	0.22	0.04	8.11	2.28	4.74	1.8	9
ZZ81632	0.23	0.003	0.81	0.51	15.3	<0.2	10	1430	0.37	0.09	8.28	2.50	14.30	5.7	22
ZZ81633	0.24	0.002	0.68	0.47	21	<0.2	10	1280	0.36	0.09	10.70	2.38	12.90	5.5	18
ZZ81634	0.30	0.002	0.93	0.46	17.7	<0.2	10	1410	0.46	0.11	9.38	1.84	13.35	3.8	20
ZZ81635	0.21	0.003	1.00	0.43	14	<0.2	10	1580	0.39	0.11	11.35	2.80	10.65	4.0	18
ZZ81636	0.17	0.003	1.07	0.51	19.9	<0.2	10	1400	0.44	0.13	8.59	2.41	11.55	4.9	20
ZZ81637	0.32	0.003	0.68	0.34	13	<0.2	<10	1060	0.38	0.08	12.75	2.22	9.67	3.3	15

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81598		0.72	15.1	1.54	3.11	0.06	0.05	0.08	0.019	0.04	6.6	6.1	0.47	825	0.94	0.01
ZZ81599		0.83	18.8	2.43	4.43	0.08	0.07	0.10	0.025	0.06	13.8	16.8	1.96	269	1.28	0.01
ZZ81600		0.63	6.4	1.97	2.51	0.06	0.05	0.06	0.023	0.04	11.6	8.0	4.81	206	1.45	0.01
ZZ81601		0.71	17.1	2.61	3.12	0.10	0.08	0.03	0.030	0.14	20.7	10.5	0.67	247	0.56	<0.01
ZZ81602		1.04	10.8	2.82	5.15	0.09	0.08	0.07	0.031	0.07	17.4	13.0	1.27	238	1.06	0.01
ZZ81603		1.32	10.3	2.74	5.70	0.08	0.05	0.03	0.028	0.05	14.5	14.1	0.54	343	1.26	<0.01
ZZ81604		2.82	98.9	2.33	3.58	0.09	0.05	0.23	0.027	0.08	12.5	10.7	1.45	469	1.46	0.01
ZZ81605		1.08	28.5	1.90	3.39	0.06	0.04	0.16	0.022	0.05	7.8	8.9	2.55	393	1.86	0.01
ZZ81606		1.16	35.5	2.36	3.47	0.08	0.07	5.27	0.025	0.07	10.1	6.9	2.29	495	2.04	0.01
ZZ81607		0.69	11.0	3.06	4.39	0.10	0.08	0.26	0.034	0.09	17.3	11.5	1.28	539	2.29	<0.01
ZZ81608		0.87	11.4	2.65	3.87	0.09	0.07	0.07	0.029	0.08	15.4	10.0	2.40	356	3.15	0.01
ZZ81609		1.09	13.9	2.78	4.92	0.10	0.08	0.09	0.030	0.06	16.3	14.3	1.46	427	1.83	0.01
ZZ81610		0.91	10.1	2.65	5.04	0.08	0.05	0.09	0.032	0.05	11.3	13.9	0.86	323	2.14	<0.01
ZZ81611		1.10	13.5	3.02	6.60	0.10	0.10	0.03	0.034	0.06	17.0	18.5	0.57	337	1.20	0.01
ZZ81612		0.98	12.6	3.04	5.69	0.08	0.09	0.07	0.038	0.09	10.7	17.9	1.22	225	2.51	<0.01
ZZ81613		0.92	8.9	2.52	4.61	0.08	0.05	0.05	0.029	0.05	11.9	12.7	1.68	354	1.38	0.01
ZZ81614		0.99	10.1	2.69	4.54	0.09	0.06	0.09	0.031	0.05	13.5	12.0	1.60	331	2.89	0.01
ZZ81615		0.78	9.7	2.32	4.01	0.08	0.06	0.12	0.026	0.05	13.1	11.6	2.11	243	2.51	<0.01
ZZ81616		0.50	20.5	0.98	1.51	0.05	0.05	0.17	0.012	0.05	4.9	4.3	0.44	332	0.57	<0.01
ZZ81617		0.84	10.9	2.30	3.18	0.08	0.08	0.07	0.027	0.07	9.7	12.4	3.60	277	1.35	0.01
ZZ81618		1.16	10.0	2.90	5.38	0.09	0.06	0.05	0.033	0.05	15.0	16.5	1.11	322	1.13	0.01
ZZ81619		0.93	12.2	2.62	4.71	0.09	0.06	0.10	0.027	0.05	15.8	14.1	1.50	257	1.51	0.01
ZZ81620		1.01	8.0	2.18	4.33	0.07	0.06	0.05	0.024	0.05	9.8	12.0	2.54	282	0.93	0.01
ZZ81621		0.66	20.5	1.92	3.43	0.07	0.04	0.09	0.021	0.04	8.8	11.9	1.10	460	0.47	0.01
ZZ81622		0.64	12.3	1.90	3.10	0.07	0.05	0.13	0.021	0.05	9.9	8.9	0.29	285	2.38	<0.01
ZZ81623		0.89	13.4	2.21	3.43	0.08	0.08	0.09	0.025	0.08	9.9	11.8	3.83	262	1.90	0.01
ZZ81624		0.88	9.9	1.80	3.23	0.07	0.07	0.10	0.022	0.07	9.5	9.8	5.17	280	1.88	0.01
ZZ81625		0.80	14.5	2.43	4.37	0.08	0.04	0.06	0.026	0.05	12.2	14.8	0.51	309	1.11	<0.01
ZZ81626		1.53	19.3	2.59	4.93	0.08	0.04	0.10	0.030	0.05	11.2	14.0	0.61	435	1.55	0.01
ZZ81627		1.33	10.5	3.17	5.41	0.09	0.04	0.05	0.039	0.05	12.2	16.9	0.71	2350	1.50	<0.01
ZZ81628		0.90	10.7	2.83	5.16	0.08	0.04	0.05	0.032	0.05	12.1	15.7	0.88	427	1.20	<0.01
ZZ81629		0.24	14.1	0.38	0.47	<0.05	0.03	0.11	0.006	0.02	1.7	1.5	1.24	185	1.55	0.01
ZZ81630		0.66	17.0	1.24	1.29	0.07	0.04	0.56	0.018	0.06	7.1	4.4	5.97	189	5.38	0.01
ZZ81631		0.41	10.0	0.59	0.69	0.05	0.04	0.17	0.009	0.04	3.7	1.7	3.33	108	3.54	0.01
ZZ81632		0.91	23.5	1.64	1.79	0.08	0.06	0.28	0.020	0.09	8.9	6.4	3.50	170	7.58	0.01
ZZ81633		0.92	20.9	1.49	1.64	0.07	0.05	0.58	0.020	0.08	8.0	5.8	5.36	220	7.14	0.01
ZZ81634		0.67	25.4	1.46	1.62	0.06	0.05	1.53	0.021	0.07	8.1	4.6	4.22	142	8.48	0.01
ZZ81635		0.72	26.1	1.35	1.48	0.07	0.05	1.26	0.019	0.07	7.0	4.3	4.27	260	7.96	<0.01
ZZ81636		0.64	28.0	1.53	1.63	0.05	0.06	2.12	0.025	0.07	7.5	4.9	3.53	166	8.37	<0.01
ZZ81637		0.63	21.6	1.14	1.20	0.06	0.04	0.33	0.018	0.06	6.6	3.5	5.36	162	7.18	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81598		0.74	18.0	1050	8.6	6.3	<0.001	0.15	0.60	1.8	1.4	0.4	45.0	0.01	0.03	0.5
ZZ81599		0.92	28.0	470	14.2	8.1	0.001	0.02	0.63	4.3	0.7	0.5	33.0	<0.01	0.03	2.7
ZZ81600		0.68	11.2	550	12.6	7.4	0.001	0.03	0.51	2.4	0.6	0.4	55.6	<0.01	0.02	1.4
ZZ81601		0.49	17.0	390	13.3	9.9	<0.001	0.02	0.30	3.7	1.4	0.6	12.5	<0.01	0.02	3.1
ZZ81602		1.32	21.6	220	21.1	10.9	<0.001	0.02	0.49	5.0	0.7	0.7	19.6	<0.01	0.03	4.5
ZZ81603		1.41	20.8	220	15.6	10.2	<0.001	0.02	0.48	3.9	0.5	0.7	13.0	<0.01	0.03	3.6
ZZ81604		0.79	29.6	590	108.0	17.3	0.001	0.06	1.98	2.9	1.9	0.5	46.5	<0.01	0.02	1.1
ZZ81605		0.83	24.8	600	329	10.3	0.001	0.06	1.62	2.4	1.6	0.4	45.3	<0.01	0.02	0.9
ZZ81606		0.62	29.7	830	3240	11.8	0.001	0.08	3.66	3.3	2.2	0.5	42.3	<0.01	0.03	1.2
ZZ81607		0.89	21.2	320	41.2	11.5	<0.001	0.03	0.90	4.9	0.8	0.6	18.3	<0.01	0.03	3.4
ZZ81608		0.79	21.2	570	31.2	10.5	0.001	0.05	1.11	4.3	0.9	0.5	32.3	<0.01	0.03	2.1
ZZ81609		1.11	27.0	280	14.4	7.9	0.001	0.02	0.72	5.2	0.9	0.6	23.1	<0.01	0.03	4.1
ZZ81610		1.00	22.1	460	16.7	7.9	<0.001	0.04	0.75	3.4	0.8	0.6	17.4	<0.01	0.03	1.6
ZZ81611		1.53	25.1	140	14.9	8.6	<0.001	0.01	0.48	5.9	0.7	0.8	12.5	<0.01	0.03	5.8
ZZ81612		0.82	26.5	350	18.6	10.8	<0.001	0.03	0.79	5.3	0.8	0.7	21.5	<0.01	0.04	3.0
ZZ81613		1.17	17.4	420	16.2	11.4	<0.001	0.04	0.59	3.3	0.6	0.6	26.6	<0.01	0.03	1.8
ZZ81614		1.02	25.5	340	16.1	8.5	<0.001	0.03	0.90	4.2	1.1	0.6	26.1	<0.01	0.04	2.6
ZZ81615		0.72	21.8	630	14.6	7.7	0.001	0.04	0.86	3.5	1.0	0.5	32.3	0.01	0.03	1.3
ZZ81616		0.31	15.9	1100	6.0	4.8	<0.001	0.16	0.75	1.0	1.8	0.2	47.3	<0.01	0.03	0.3
ZZ81617		0.50	17.5	660	14.4	8.5	0.001	0.03	0.59	3.8	0.7	0.4	46.5	<0.01	0.02	1.9
ZZ81618		1.21	23.7	370	14.3	10.0	0.001	0.03	0.68	4.2	0.8	0.7	18.9	<0.01	0.03	2.9
ZZ81619		0.92	24.0	520	14.0	8.9	<0.001	0.03	0.72	4.2	0.9	0.5	24.4	<0.01	0.03	2.1
ZZ81620		0.84	16.4	280	13.9	7.7	<0.001	0.02	0.45	3.5	0.5	0.5	29.8	<0.01	0.02	2.5
ZZ81621		0.88	18.6	890	12.2	5.6	<0.001	0.08	0.66	2.1	1.5	0.4	39.9	0.01	0.02	0.7
ZZ81622		0.50	23.0	1370	9.7	6.7	0.001	0.03	0.90	2.8	1.2	0.4	36.8	<0.01	0.05	1.5
ZZ81623		0.53	22.6	610	15.3	8.7	<0.001	0.02	0.73	4.0	0.9	0.4	96.8	<0.01	0.02	2.3
ZZ81624		0.61	20.1	630	11.5	8.9	0.001	0.02	0.68	3.4	0.9	0.4	82.7	<0.01	0.02	1.6
ZZ81625		1.15	21.0	770	12.5	7.1	<0.001	0.04	0.57	3.3	0.9	0.5	26.9	<0.01	0.03	2.1
ZZ81626		0.92	22.4	1080	12.5	6.4	0.001	0.06	0.66	2.9	0.9	0.6	31.3	<0.01	0.03	1.0
ZZ81627		0.87	23.0	440	21.5	13.0	<0.001	0.03	0.63	3.7	0.6	0.6	20.4	<0.01	0.04	1.8
ZZ81628		1.06	19.0	410	18.9	8.5	<0.001	0.04	0.58	4.0	0.6	0.6	28.2	<0.01	0.03	1.7
ZZ81629		0.16	11.7	1200	2.1	2.0	0.002	0.21	0.87	0.4	1.9	<0.2	109.0	<0.01	0.02	<0.2
ZZ81630		0.31	31.4	1710	6.6	5.2	0.004	0.06	2.16	2.1	2.6	0.3	125.5	<0.01	0.04	1.0
ZZ81631		0.17	16.7	1350	3.6	2.8	0.003	0.16	1.21	1.1	2.8	<0.2	74.8	<0.01	0.03	0.3
ZZ81632		0.45	44.6	1750	7.5	6.4	0.008	0.08	3.01	2.7	4.0	0.3	120.0	<0.01	0.05	1.6
ZZ81633		0.39	40.7	1320	8.7	6.3	0.005	0.07	2.64	2.4	2.9	0.3	113.5	<0.01	0.05	1.1
ZZ81634		0.35	40.4	1650	8.6	5.0	0.008	0.08	3.01	2.1	5.5	0.3	126.0	<0.01	0.06	1.4
ZZ81635		0.29	43.5	1590	8.3	5.2	0.019	0.10	3.03	2.0	5.7	0.3	144.0	<0.01	0.05	1.0
ZZ81636		0.34	51.6	1380	9.1	5.2	0.008	0.10	3.33	2.0	5.5	0.3	112.0	<0.01	0.09	0.9
ZZ81637		0.23	33.9	1850	6.8	4.3	0.008	0.07	2.59	1.9	3.7	0.2	146.0	<0.01	0.04	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Zn-OG46 Zn % 0.001
ZZ81598		0.019	0.09	2.87	30	0.10	5.05	60	1.4	
ZZ81599		0.021	0.14	0.82	52	0.18	10.10	86	1.8	
ZZ81600		0.012	0.15	3.80	36	0.12	6.80	94	1.3	
ZZ81601		0.010	0.11	2.88	33	0.08	7.66	66	2.9	
ZZ81602		0.030	0.16	1.38	54	0.20	8.67	84	2.7	
ZZ81603		0.032	0.17	1.91	59	0.24	5.00	76	1.5	
ZZ81604		0.023	0.27	7.75	36	0.19	9.09	2950	1.6	
ZZ81605		0.023	0.18	4.38	34	0.17	4.69	6300	1.1	
ZZ81606		0.015	0.29	3.74	30	0.13	9.33	>10000	1.9	1.265
ZZ81607		0.015	0.23	1.82	54	0.16	9.36	213	2.2	
ZZ81608		0.015	0.25	2.03	51	0.15	10.90	159	1.8	
ZZ81609		0.022	0.18	1.24	59	0.18	11.50	89	2.3	
ZZ81610		0.018	0.21	1.24	67	0.20	6.78	116	1.2	
ZZ81611		0.032	0.20	1.11	73	0.23	8.56	81	3.6	
ZZ81612		0.008	0.27	1.32	75	0.18	7.48	95	2.6	
ZZ81613		0.021	0.18	1.12	61	0.18	7.28	96	1.3	
ZZ81614		0.018	0.27	1.06	74	0.15	11.15	95	1.8	
ZZ81615		0.013	0.25	1.07	58	0.16	11.90	91	1.5	
ZZ81616		0.008	0.13	3.04	21	0.06	5.56	45	1.4	
ZZ81617		0.007	0.15	1.12	37	0.11	10.40	75	2.0	
ZZ81618		0.024	0.17	1.10	69	0.22	7.64	83	1.4	
ZZ81619		0.024	0.15	0.88	56	0.21	11.15	84	1.2	
ZZ81620		0.016	0.15	0.79	46	0.14	6.14	77	1.7	
ZZ81621		0.022	0.06	3.87	39	0.19	5.63	53	0.9	
ZZ81622		0.013	0.21	1.70	72	0.14	10.55	84	1.0	
ZZ81623		0.007	0.21	1.28	41	0.12	12.05	75	2.4	
ZZ81624		0.011	0.21	1.28	44	0.12	11.00	71	2.0	
ZZ81625		0.029	0.10	1.09	46	0.26	6.79	76	1.2	
ZZ81626		0.022	0.15	2.05	52	0.19	7.41	81	0.7	
ZZ81627		0.017	0.19	0.73	61	0.15	7.45	238	1.0	
ZZ81628		0.022	0.16	0.90	55	0.20	7.75	109	1.1	
ZZ81629		0.005	0.10	2.94	12	<0.05	3.03	76	1.1	
ZZ81630		0.006	0.42	2.50	60	0.11	14.45	139	1.4	
ZZ81631		0.005	0.23	2.14	27	<0.05	6.55	135	1.7	
ZZ81632		0.014	0.56	2.62	78	0.14	14.20	198	1.9	
ZZ81633		0.009	0.68	2.71	67	0.10	13.35	181	1.6	
ZZ81634		0.009	0.54	3.35	71	0.25	14.10	178	1.9	
ZZ81635		0.007	0.66	3.23	62	0.09	13.65	177	2.2	
ZZ81636		0.007	0.68	3.07	69	0.12	13.75	187	2.2	
ZZ81637		0.005	0.53	3.06	60	0.34	12.95	143	1.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81638		0.14	0.003	1.07	0.60	19.7	<0.2	10	1600	0.54	0.13	6.31	2.23	13.95	5.3	22
ZZ81639		0.27	0.002	0.85	0.44	16	<0.2	<10	1250	0.42	0.10	10.70	2.32	11.30	4.0	19
ZZ81640		0.11	NSS	0.52	0.39	12.8	<0.2	10	800	0.35	0.08	6.49	3.23	6.08	2.2	16
ZZ81641		0.18	0.009	0.36	0.24	10.4	<0.2	<10	1250	0.27	0.06	7.83	1.50	6.95	2.4	11
ZZ81642		0.24	0.003	0.54	1.15	7.9	<0.2	<10	550	0.35	0.16	0.51	1.58	24.9	5.1	29
ZZ81643		0.20	0.003	1.00	0.86	16.9	<0.2	<10	1450	0.58	0.14	1.76	4.76	20.6	7.0	30
ZZ81644		0.39	0.003	1.32	0.86	36.5	<0.2	<10	1210	0.70	0.17	1.18	3.26	26.4	8.5	32
ZZ81645		0.33	0.004	0.99	0.69	30.2	<0.2	10	1000	0.59	0.14	4.99	6.16	22.9	8.0	29
ZZ81646		0.15	0.002	1.16	0.88	9.9	<0.2	<10	970	0.59	0.11	2.22	5.36	15.05	4.9	50
ZZ81647		0.14	<0.001	1.56	0.80	12.1	<0.2	<10	1420	0.60	0.09	2.86	2.19	10.00	4.6	70
ZZ81648		0.13	0.004	0.22	0.39	9.1	<0.2	<10	220	0.37	0.13	0.08	0.28	12.75	2.2	12
ZZ81649		0.10	<0.001	0.06	0.33	17.5	<0.2	<10	190	0.26	0.10	1.44	0.27	8.32	4.6	8
ZZ81650		0.24	0.002	0.45	1.31	20.5	<0.2	<10	390	0.91	0.14	2.35	0.47	27.4	6.6	30

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Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81638		0.66	29.7	1.66	1.97	0.07	0.06	0.40	0.023	0.08	8.0	6.0	3.56	209	7.64	<0.01
ZZ81639		0.83	26.8	1.40	1.51	0.06	0.04	0.32	0.019	0.07	7.4	4.3	4.69	186	8.99	0.01
ZZ81640		0.46	17.4	0.99	1.24	0.05	0.07	0.25	0.015	0.07	4.3	3.3	2.77	83	6.75	<0.01
ZZ81641		0.46	12.5	0.83	0.84	0.05	0.05	1.70	0.010	0.05	4.8	2.1	3.66	146	5.79	<0.01
ZZ81642		0.96	15.0	1.29	3.74	0.05	0.04	0.31	0.020	0.08	14.4	13.4	0.31	228	1.09	<0.01
ZZ81643		0.66	43.5	1.52	2.48	<0.05	0.05	0.28	0.022	0.07	13.1	7.9	0.30	159	2.40	<0.01
ZZ81644		0.88	43.6	2.52	2.70	0.06	0.07	0.31	0.026	0.10	16.9	8.0	0.45	307	8.25	<0.01
ZZ81645		1.46	52.9	2.16	2.26	0.06	0.07	0.28	0.025	0.13	14.5	7.0	1.26	273	7.94	<0.01
ZZ81646		1.16	42.1	1.11	2.57	0.05	0.07	0.28	0.016	0.07	9.2	7.8	0.83	405	2.07	<0.01
ZZ81647		1.14	27.3	1.21	2.20	0.06	0.05	0.24	0.012	0.05	6.2	6.1	1.35	169	1.10	<0.01
ZZ81648		0.99	12.6	2.38	2.01	<0.05	<0.02	0.03	0.019	0.04	6.1	0.7	0.03	82	1.35	<0.01
ZZ81649		0.53	10.9	1.79	1.00	<0.05	0.02	0.04	0.018	0.05	3.4	2.6	0.10	176	1.42	<0.01
ZZ81650		0.91	20.9	2.64	3.73	0.05	0.05	0.14	0.028	0.03	20.9	11.0	0.87	306	2.61	<0.01

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81638		0.40	48.4	1610	9.6	5.9	0.005	0.10	2.95	2.3	5.5	0.3	102.5	<0.01	0.07	1.0
ZZ81639		0.29	40.3	1770	8.0	5.4	0.011	0.08	2.99	2.2	4.3	0.3	141.5	<0.01	0.08	1.3
ZZ81640		0.23	31.4	1500	6.0	4.8	0.008	0.15	2.35	1.2	6.1	0.3	88.4	<0.01	0.06	0.6
ZZ81641		0.21	19.1	1780	5.0	3.5	0.004	0.11	1.85	1.2	4.2	0.2	99.7	<0.01	0.04	0.7
ZZ81642		0.58	23.7	1360	49.9	9.3	0.003	0.04	1.19	2.4	1.3	0.5	39.8	<0.01	0.05	2.3
ZZ81643		0.48	65.1	1250	55.1	6.9	0.004	0.08	4.13	2.4	2.6	0.4	61.2	<0.01	0.07	1.3
ZZ81644		0.35	80.5	1500	64.5	8.3	0.001	0.02	5.59	3.4	2.9	0.5	61.5	<0.01	0.09	2.7
ZZ81645		0.37	80.1	1380	49.4	9.2	0.003	0.03	4.94	3.4	2.3	0.4	115.0	<0.01	0.07	2.6
ZZ81646		0.36	61.9	1510	33.3	9.3	0.013	0.16	2.97	2.5	4.9	0.4	81.2	<0.01	0.06	1.4
ZZ81647		0.20	74.2	2060	11.7	8.9	0.019	0.16	3.44	1.9	4.8	0.3	119.0	<0.01	0.05	0.6
ZZ81648		0.20	9.4	870	35.7	3.5	<0.001	0.04	0.46	1.4	0.7	0.3	10.5	<0.01	0.04	0.3
ZZ81649		0.24	11.6	930	8.2	4.6	0.004	0.09	0.55	1.1	1.7	<0.2	48.0	<0.01	0.04	0.7
ZZ81650		0.43	33.3	700	27.8	5.8	<0.001	0.02	1.52	4.2	2.0	0.4	48.4	<0.01	0.06	1.6

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- SEP- 2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5	Zn- OG46 Zn % 0.001
ZZ81638		0.010	0.63	2.51	77	0.11	13.50	195	2.1	
ZZ81639		0.007	0.68	3.12	73	0.19	13.85	161	1.6	
ZZ81640		<0.005	0.54	3.70	54	0.07	7.96	165	2.7	
ZZ81641		<0.005	0.35	2.49	42	0.06	9.06	139	2.0	
ZZ81642		0.008	0.35	2.31	106	0.14	9.86	261	1.1	
ZZ81643		0.007	0.37	3.83	118	0.13	15.40	394	2.0	
ZZ81644		0.006	0.58	2.25	132	0.18	18.60	502	2.6	
ZZ81645		0.007	0.53	2.39	126	0.13	17.20	511	3.4	
ZZ81646		0.008	0.36	3.49	167	0.09	11.25	377	3.0	
ZZ81647		0.009	0.23	4.04	161	0.07	9.16	359	2.1	
ZZ81648		0.010	0.05	0.62	40	0.09	5.97	30	<0.5	
ZZ81649		<0.005	0.06	1.66	17	<0.05	5.32	38	0.7	
ZZ81650		0.006	0.23	1.58	88	0.11	26.2	161	1.6	

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 12-SEP-2013
Account: RCM

Project: Rackla G and H

CERTIFICATE OF ANALYSIS WH13150632

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41 ME-OG46 Zn-OG46

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

CERTIFICATE WH13152704

Project: Nadaleen
P.O. No.: S13-R6
This report is for 154 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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ALS Minerals

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Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78978		0.34	0.009	5.65	0.65	21.6	<0.2	10	1080	0.50	0.19	1.90	1.15	9.97	4.0	54
ZZ78979		0.27	0.002	2.13	0.68	11.3	<0.2	<10	900	0.30	0.10	1.88	4.50	9.85	2.0	37
ZZ78980		0.31	0.005	5.64	0.76	22.9	<0.2	<10	800	0.62	0.16	2.22	27.2	17.50	4.0	121
ZZ78981		0.23	0.004	6.80	0.80	17.8	<0.2	10	800	0.42	0.11	2.42	12.75	11.45	3.3	143
ZZ78982		0.31	0.006	10.75	0.67	33.0	<0.2	10	1020	0.65	0.16	2.74	31.7	18.20	3.6	136
ZZ78983		0.22	0.010	8.57	0.63	62.9	<0.2	10	1540	0.65	0.21	1.68	13.90	13.95	2.9	122
ZZ78984		0.29	0.005	4.31	0.85	32.1	<0.2	10	1380	0.58	0.16	2.25	7.10	13.10	2.1	80
ZZ78985		0.25	0.004	3.94	0.71	22.7	<0.2	10	1070	0.48	0.14	2.52	7.50	8.62	3.3	83
ZZ78986		0.33	0.005	3.99	0.72	19.6	<0.2	10	1020	0.57	0.14	2.51	7.27	12.50	3.7	92
ZZ78987		0.28	0.266	2.79	0.40	12.6	<0.2	10	890	0.29	0.09	3.72	8.49	5.62	2.5	52
ZZ78988		0.37	0.004	4.74	0.75	20.0	<0.2	10	950	0.67	0.15	2.53	6.09	15.95	3.4	98
ZZ78989		0.37	0.005	3.25	0.64	9.5	<0.2	10	880	0.41	0.12	3.42	3.41	9.06	1.8	72
ZZ78990		0.30	0.054	2.50	0.43	12.4	<0.2	10	830	0.38	0.11	3.71	4.98	6.34	2.2	48
ZZ78991		0.28	0.006	4.84	0.79	21.2	<0.2	10	1980	0.82	0.17	2.65	9.47	13.95	4.3	110
ZZ78992		0.35	0.005	5.18	0.65	23.6	<0.2	10	1410	0.62	0.21	2.29	10.65	14.45	3.4	133
ZZ78993		0.39	0.007	3.27	0.52	43.1	<0.2	10	660	0.52	0.14	2.37	48.4	11.55	82.1	66
ZZ78994		0.27	0.012	1.37	0.31	12.5	<0.2	10	1000	0.30	0.07	4.11	12.15	7.33	2.3	30
ZZ78995		0.28	0.007	3.75	0.71	22.6	<0.2	10	1040	0.44	0.18	2.68	3.24	12.95	3.5	134
ZZ78996		0.31	0.004	3.03	0.69	21.1	<0.2	10	1030	0.53	0.20	2.36	2.46	12.35	3.0	94
ZZ78997		0.32	0.004	2.26	0.60	19.0	<0.2	10	2440	0.56	0.18	1.25	0.94	12.80	3.5	56
ZZ78998		0.27	0.006	5.10	0.58	17.4	<0.2	10	700	0.44	0.14	3.07	5.55	10.20	3.3	98
ZZ78999		0.37	0.004	2.56	0.69	16.9	<0.2	10	960	0.52	0.13	5.00	7.07	12.05	4.8	55
ZZ79000		0.21	0.004	3.37	0.71	15.8	<0.2	10	2370	0.45	0.12	3.59	3.60	9.73	3.2	73
ZZ81074		0.39	0.005	2.17	1.41	18.8	<0.2	<10	1600	0.71	0.18	1.77	2.82	22.4	6.7	63
ZZ81075		0.24	0.004	1.54	1.16	12.5	<0.2	<10	1130	0.65	0.17	3.73	2.23	20.2	6.5	39
ZZ81076		0.23	0.005	1.97	0.86	17.4	<0.2	10	1190	0.64	0.16	2.67	5.03	14.95	4.9	42
ZZ81077		0.28	0.003	1.06	0.67	10.0	<0.2	10	580	0.43	0.11	3.40	4.37	10.35	3.4	27
ZZ81078		0.29	0.005	0.98	0.48	8.7	<0.2	10	520	0.33	0.10	4.38	3.11	8.88	2.4	18
ZZ81079		0.21	0.005	1.14	0.66	18.8	<0.2	<10	720	0.58	0.16	2.56	3.02	13.25	4.4	22
ZZ81080		0.33	0.006	2.36	0.60	32.9	<0.2	10	1300	0.47	0.15	3.13	5.69	13.50	4.4	43
ZZ81081		0.23	0.004	1.45	0.68	14.5	<0.2	10	740	0.47	0.12	4.47	33.5	12.75	4.3	30
ZZ81082		0.19	0.003	1.00	0.66	12.3	<0.2	<10	1250	0.43	0.10	4.76	2.26	9.93	3.6	24
ZZ81083		0.25	0.005	1.36	1.07	15.7	<0.2	<10	1510	0.68	0.16	2.87	1.86	15.05	5.3	33
ZZ81084		0.28	0.013	0.96	0.89	15.3	<0.2	<10	1310	0.53	0.11	3.21	2.68	13.60	4.9	28
ZZ81085		0.33	0.003	0.60	0.93	14.3	<0.2	<10	610	0.47	0.14	3.32	2.72	16.65	5.8	25
ZZ81086		0.26	0.004	0.62	1.13	10.6	<0.2	<10	540	0.52	0.16	2.95	1.79	16.95	5.9	28
ZZ81087		0.40	0.003	0.31	1.16	10.5	<0.2	<10	480	0.57	0.19	2.50	2.31	18.15	7.0	24
ZZ81088		0.52	0.004	0.66	1.01	16.4	<0.2	<10	530	0.64	0.16	5.11	0.74	15.45	7.4	20
ZZ81089		0.39	0.002	0.26	1.29	14.2	<0.2	<10	310	0.57	0.21	1.84	0.72	23.7	8.1	26
ZZ81090		0.18	0.003	0.17	0.65	4.4	<0.2	<10	480	0.33	0.09	4.47	1.60	8.74	3.5	11

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ78978		0.71	47.1	1.81	1.83	0.07	0.06	0.63	0.035	0.09	10.5	3.6	0.07	83	6.96	0.03
ZZ78979		0.54	24.6	1.17	2.35	<0.05	0.03	0.13	0.017	0.03	7.6	3.0	0.09	35	3.41	0.03
ZZ78980		0.60	58.6	1.82	2.85	0.08	0.04	0.24	0.026	0.05	17.6	5.1	0.17	140	19.30	0.03
ZZ78981		0.93	40.7	1.21	3.17	0.09	0.05	0.35	0.016	0.04	12.3	5.6	0.18	133	7.02	0.03
ZZ78982		0.62	79.0	1.62	3.05	0.12	0.06	0.94	0.029	0.06	20.4	5.1	0.21	95	39.6	0.03
ZZ78983		0.44	72.3	1.87	3.43	0.11	0.05	8.96	0.035	0.07	15.4	4.0	0.10	78	41.4	0.02
ZZ78984		0.52	36.9	1.59	2.95	0.06	0.06	5.01	0.026	0.05	10.9	5.0	0.23	58	7.09	0.03
ZZ78985		0.33	31.4	1.58	2.49	<0.05	0.05	1.12	0.025	0.04	7.8	4.2	0.15	87	7.38	0.03
ZZ78986		0.49	42.3	1.62	2.63	0.06	0.05	0.76	0.024	0.04	12.1	4.2	0.13	81	8.24	0.03
ZZ78987		0.27	28.3	0.87	1.43	0.05	0.07	0.26	0.015	0.04	5.7	2.2	0.15	129	2.25	0.03
ZZ78988		0.60	54.5	1.61	2.84	0.08	0.04	0.92	0.026	0.06	17.4	4.9	0.14	79	11.05	0.03
ZZ78989		0.39	31.7	1.05	2.22	0.05	0.06	0.82	0.017	0.04	8.8	3.7	0.13	53	2.61	0.03
ZZ78990		0.26	36.6	1.22	1.41	<0.05	0.05	0.16	0.017	0.03	6.8	2.2	0.13	70	2.51	0.04
ZZ78991		0.34	60.7	1.88	2.75	0.07	0.05	0.81	0.031	0.03	15.0	4.1	0.12	91	6.02	0.02
ZZ78992		0.49	56.4	2.07	2.85	0.07	0.05	0.32	0.031	0.06	15.7	4.6	0.12	61	15.05	0.02
ZZ78993		0.80	98.0	6.43	1.78	0.09	0.05	0.32	0.030	0.10	9.6	3.0	0.27	1840	63.0	0.03
ZZ78994		0.26	24.5	0.79	1.02	0.06	0.06	0.18	0.012	0.03	5.6	1.6	0.30	69	7.27	0.03
ZZ78995		0.32	29.5	2.03	3.02	0.06	0.05	0.30	0.030	0.07	11.3	4.9	0.32	78	14.50	0.03
ZZ78996		0.42	34.8	2.08	2.56	0.05	0.05	0.26	0.027	0.04	11.1	4.0	0.13	62	7.00	0.03
ZZ78997		0.43	40.8	1.80	1.98	0.05	0.04	0.24	0.028	0.07	9.4	3.3	0.09	43	5.17	0.01
ZZ78998		0.43	37.7	1.47	2.38	0.08	0.05	0.27	0.025	0.04	10.5	3.7	0.13	142	9.67	0.03
ZZ78999		0.49	37.4	1.53	2.15	0.05	0.05	0.28	0.020	0.05	9.2	4.7	0.99	127	4.51	0.03
ZZ79000		0.37	33.5	1.47	2.28	0.06	0.05	0.29	0.021	0.04	9.4	3.7	0.22	81	10.75	0.02
ZZ81074		0.60	35.7	2.40	4.21	<0.05	0.05	0.41	0.026	0.06	14.6	11.0	0.69	181	7.52	0.02
ZZ81075		0.49	31.9	1.84	3.29	<0.05	0.04	0.35	0.021	0.05	12.0	9.0	1.26	251	4.22	0.03
ZZ81076		0.42	45.7	1.87	2.63	<0.05	0.06	0.50	0.025	0.06	10.0	5.7	0.26	124	7.73	0.03
ZZ81077		0.36	28.3	1.14	1.88	<0.05	0.05	0.35	0.015	0.05	6.9	4.4	0.18	163	3.52	0.03
ZZ81078		0.35	21.6	0.97	1.39	<0.05	0.07	0.25	0.013	0.05	5.3	3.7	0.74	79	1.78	0.03
ZZ81079		0.40	36.7	1.48	2.19	<0.05	0.07	0.47	0.020	0.05	9.0	4.5	0.16	96	6.58	0.03
ZZ81080		0.48	37.7	1.72	2.05	0.05	0.06	0.96	0.025	0.09	11.6	3.5	0.62	87	13.40	0.02
ZZ81081		0.43	36.8	1.41	1.98	0.05	0.05	0.84	0.017	0.08	9.0	5.1	1.01	143	4.18	0.03
ZZ81082		0.50	19.9	1.15	1.90	<0.05	0.03	0.35	0.017	0.05	6.3	4.3	0.72	175	4.57	0.03
ZZ81083		0.56	30.2	1.57	3.20	<0.05	0.05	0.36	0.025	0.05	9.1	6.8	0.36	213	4.52	0.02
ZZ81084		0.56	26.4	1.53	2.54	<0.05	0.05	0.38	0.016	0.05	9.0	5.4	0.27	233	2.62	0.03
ZZ81085		0.53	20.8	1.62	2.60	<0.05	0.03	0.34	0.018	0.04	10.0	6.0	0.31	272	3.79	0.03
ZZ81086		0.50	15.3	1.72	3.24	<0.05	0.02	0.18	0.021	0.04	9.6	7.5	0.25	284	2.67	0.03
ZZ81087		0.63	16.8	1.94	3.38	<0.05	0.03	0.13	0.025	0.04	9.6	8.4	0.30	298	2.35	<0.01
ZZ81088		0.63	21.9	2.02	2.93	<0.05	0.05	0.18	0.024	0.07	7.9	9.4	2.73	270	4.13	<0.01
ZZ81089		0.81	15.5	2.35	3.58	<0.05	0.03	0.10	0.024	0.06	12.0	9.9	0.41	272	5.05	<0.01
ZZ81090		0.49	13.3	1.01	1.49	<0.05	0.03	0.10	0.011	0.03	4.9	3.2	0.18	249	1.33	0.02

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Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78978		0.12	65.4	2250	11.3	8.2	0.008	0.15	1.52	4.9	9.3	0.5	184.0	<0.01	0.18	1.6
ZZ78979		0.25	44.2	640	5.4	4.7	0.006	0.08	1.03	2.9	4.3	0.4	86.9	<0.01	0.05	1.0
ZZ78980		0.22	108.0	2690	9.2	6.9	0.010	0.10	5.53	3.6	11.2	0.5	141.5	<0.01	0.08	0.9
ZZ78981		0.20	64.0	3250	5.6	6.4	0.025	0.13	3.63	2.5	9.2	0.4	148.5	<0.01	0.07	0.7
ZZ78982		0.15	164.5	3490	9.8	7.4	0.015	0.10	9.45	4.0	14.6	0.5	191.5	<0.01	0.14	1.1
ZZ78983		0.11	104.5	2850	11.3	7.4	0.016	0.11	7.05	3.1	12.8	0.7	163.0	<0.01	0.13	1.5
ZZ78984		0.23	45.6	1790	10.5	6.3	0.011	0.11	3.54	2.6	6.0	0.5	111.5	<0.01	0.08	0.8
ZZ78985		0.15	55.6	1600	8.6	4.9	0.014	0.11	2.81	2.3	6.0	0.4	114.0	<0.01	0.08	0.6
ZZ78986		0.14	59.4	2160	8.6	6.6	0.014	0.10	2.67	2.9	5.7	0.4	133.5	<0.01	0.11	0.9
ZZ78987		0.09	39.5	1330	5.0	4.9	0.013	0.15	1.81	1.4	4.9	0.3	111.0	<0.01	0.07	0.5
ZZ78988		0.18	72.7	2730	9.6	7.6	0.011	0.09	3.15	3.6	5.6	0.4	135.0	<0.01	0.11	1.0
ZZ78989		0.16	37.2	1780	7.0	4.8	0.010	0.14	1.66	1.8	5.1	0.3	113.0	<0.01	0.09	0.5
ZZ78990		0.10	53.4	1190	6.1	4.6	0.010	0.16	1.85	1.6	5.2	0.3	102.0	<0.01	0.09	0.5
ZZ78991		0.15	86.2	1840	9.4	4.2	0.017	0.14	3.05	2.1	9.2	0.5	106.5	<0.01	0.12	0.5
ZZ78992		0.11	109.5	2860	10.0	7.6	0.018	0.10	4.09	3.3	7.0	0.5	145.0	<0.01	0.21	1.0
ZZ78993		0.13	622	2400	10.9	8.5	0.028	0.22	9.52	4.1	18.5	0.4	150.0	<0.01	0.09	1.5
ZZ78994		0.12	44.6	1600	4.3	2.9	0.018	0.17	6.04	1.0	12.6	0.2	186.0	<0.01	0.05	0.4
ZZ78995		0.18	70.2	2450	9.6	5.1	0.019	0.10	4.51	3.3	7.5	0.4	180.0	<0.01	0.13	1.3
ZZ78996		0.16	60.3	2020	9.8	5.2	0.019	0.10	2.86	3.2	6.2	0.5	140.0	<0.01	0.15	1.3
ZZ78997		0.14	60.4	2190	9.8	6.5	0.023	0.07	2.00	4.1	5.1	0.4	104.5	<0.01	0.10	1.9
ZZ78998		0.14	60.4	2680	7.6	5.8	0.019	0.12	3.76	2.4	8.8	0.4	157.5	<0.01	0.11	0.8
ZZ78999		0.21	60.1	1770	8.8	5.7	0.014	0.13	3.44	2.2	5.9	0.3	127.0	<0.01	0.08	0.6
ZZ79000		0.15	60.2	2250	7.1	4.2	0.012	0.13	3.13	2.3	7.3	0.3	138.5	<0.01	0.09	0.6
ZZ81074		0.52	63.9	1710	11.6	7.0	0.003	0.05	2.22	4.3	2.8	0.5	61.2	<0.01	0.06	1.8
ZZ81075		0.51	55.6	1420	11.0	5.6	0.004	0.07	1.93	3.0	2.7	0.4	65.3	<0.01	0.06	1.2
ZZ81076		0.31	77.1	1680	9.9	6.0	0.011	0.11	4.17	2.8	5.3	0.4	87.3	<0.01	0.07	1.0
ZZ81077		0.24	66.1	1360	6.9	4.7	0.011	0.16	2.61	1.4	5.4	0.3	106.5	<0.01	0.06	0.4
ZZ81078		0.21	45.6	1190	6.8	4.3	0.025	0.19	1.83	1.6	6.6	0.2	105.5	<0.01	0.06	0.8
ZZ81079		0.26	68.2	950	10.1	5.0	0.016	0.14	3.48	1.9	7.0	0.4	82.8	<0.01	0.17	0.8
ZZ81080		0.14	110.0	2330	9.3	6.6	0.025	0.15	4.92	2.7	8.1	0.4	142.5	<0.01	0.13	1.0
ZZ81081		0.28	397	1740	7.9	6.8	0.025	0.17	3.55	2.0	7.8	0.3	121.0	<0.01	0.06	0.7
ZZ81082		0.24	32.3	1640	6.7	4.7	0.004	0.14	2.34	1.0	3.8	0.3	58.0	<0.01	0.03	0.3
ZZ81083		0.43	33.6	1320	10.5	5.8	0.002	0.10	2.17	2.2	2.9	0.4	54.1	<0.01	0.06	0.6
ZZ81084		0.38	55.8	1300	7.3	5.7	0.003	0.12	1.86	1.7	2.6	0.3	40.4	<0.01	0.06	0.5
ZZ81085		0.42	47.5	1280	8.5	6.4	0.004	0.13	1.85	1.3	4.0	0.3	33.7	<0.01	0.04	0.4
ZZ81086		0.59	32.4	780	9.4	5.0	0.001	0.09	1.04	1.6	2.0	0.4	24.1	<0.01	0.03	0.4
ZZ81087		0.62	30.3	870	10.8	6.8	0.001	0.10	0.95	1.5	1.7	0.4	23.2	<0.01	0.04	0.4
ZZ81088		0.33	31.8	960	12.6	7.0	0.001	0.06	1.60	2.6	1.8	0.4	58.4	<0.01	0.06	0.9
ZZ81089		0.63	34.6	710	12.5	9.0	0.001	0.06	0.78	2.1	1.5	0.4	17.9	<0.01	0.03	0.8
ZZ81090		0.32	15.8	810	5.2	4.6	0.002	0.14	0.61	0.6	1.2	0.2	29.1	<0.01	0.03	<0.2

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Finalized Date: 7-SEP-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78978		<0.005	0.34	4.57	59	0.15	35.5	223	2.2
ZZ78979		0.005	0.19	9.48	61	0.12	17.80	110	1.0
ZZ78980		0.005	0.95	10.70	318	0.29	35.2	492	1.6
ZZ78981		0.005	1.34	9.56	320	0.18	25.9	291	2.0
ZZ78982		<0.005	1.05	14.80	321	0.27	45.5	919	2.9
ZZ78983		<0.005	0.82	10.80	310	0.37	36.2	667	2.5
ZZ78984		0.005	0.50	12.05	250	0.13	22.6	289	2.1
ZZ78985		<0.005	0.35	5.52	157	0.09	18.15	302	1.8
ZZ78986		<0.005	0.49	8.99	171	0.15	32.5	259	1.9
ZZ78987		<0.005	0.32	4.55	99	0.06	15.05	213	2.6
ZZ78988		<0.005	0.58	9.74	198	0.18	38.8	296	2.0
ZZ78989		<0.005	0.36	7.80	128	0.21	20.8	135	2.0
ZZ78990		<0.005	0.19	5.79	73	0.05	20.1	155	2.1
ZZ78991		<0.005	0.42	11.50	182	0.12	40.6	220	2.2
ZZ78992		<0.005	0.46	9.59	202	0.18	41.9	398	2.0
ZZ78993		<0.005	3.49	17.25	271	0.15	32.7	2810	2.5
ZZ78994		<0.005	0.15	7.06	109	0.14	14.00	315	2.3
ZZ78995		0.005	0.39	8.24	183	0.17	25.7	370	2.1
ZZ78996		<0.005	0.32	8.30	125	0.15	31.1	166	1.9
ZZ78997		<0.005	0.35	9.08	66	0.12	31.0	170	1.4
ZZ78998		<0.005	0.59	18.10	187	0.15	30.6	210	2.1
ZZ78999		0.005	0.40	6.99	153	0.11	21.1	223	1.9
ZZ79000		<0.005	0.38	10.35	141	0.11	26.4	231	2.0
ZZ81074		0.014	0.34	3.10	134	0.20	24.3	182	1.6
ZZ81075		0.011	0.32	4.07	95	0.18	17.40	152	1.7
ZZ81076		0.006	0.44	7.45	249	0.18	22.0	276	2.3
ZZ81077		0.006	0.44	4.63	107	0.06	13.45	218	1.8
ZZ81078		0.006	0.43	4.51	59	0.05	10.15	182	2.7
ZZ81079		0.005	1.50	6.59	158	0.14	15.45	183	3.3
ZZ81080		<0.005	1.19	9.19	164	0.11	23.4	863	2.4
ZZ81081		0.008	2.00	5.34	133	0.18	21.7	1590	2.1
ZZ81082		0.006	0.34	4.49	83	0.07	11.35	129	1.3
ZZ81083		0.009	0.45	3.75	114	0.13	14.60	121	1.9
ZZ81084		0.008	0.38	3.25	89	0.12	15.75	149	1.7
ZZ81085		0.009	0.32	4.20	66	0.13	13.65	206	1.1
ZZ81086		0.013	0.18	2.98	70	0.13	10.90	110	1.0
ZZ81087		0.014	0.17	2.46	55	0.14	8.87	115	0.9
ZZ81088		0.008	0.46	1.47	68	0.14	10.75	90	1.3
ZZ81089		0.016	0.23	1.49	52	0.14	8.99	85	1.0
ZZ81090		0.011	0.11	1.46	25	0.05	4.98	65	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ81091		0.24	0.003	0.35	0.83	8.4	<0.2	<10	420	0.38	0.11	3.52	1.19	10.25	4.6	17
ZZ81092		0.28	0.004	0.86	1.14	11.9	<0.2	<10	600	0.58	0.17	3.62	0.86	18.65	6.4	30
ZZ81093		0.38	0.002	0.35	1.25	15.1	<0.2	<10	580	0.63	0.18	2.42	0.66	19.85	7.7	23
ZZ81094		0.35	0.002	0.30	1.24	10.3	<0.2	<10	520	0.52	0.18	2.12	0.53	20.3	7.5	24
ZZ81095		0.48	0.005	0.70	1.13	13.6	<0.2	<10	670	0.55	0.16	4.07	0.65	20.4	7.6	28
ZZ81096		0.31	0.002	0.93	1.58	13.0	<0.2	<10	280	0.65	0.23	1.76	1.51	21.7	8.3	36
ZZ81097		0.33	0.003	0.18	1.53	7.7	<0.2	<10	270	0.66	0.23	2.04	1.19	18.40	6.8	22
ZZ81098		0.51	0.008	0.28	0.92	14.5	<0.2	<10	180	0.57	0.13	5.89	0.72	16.40	7.1	16
ZZ81099		0.27	0.004	0.22	1.26	10.3	<0.2	<10	460	0.68	0.20	2.28	0.90	19.20	7.3	21
ZZ81100		0.29	0.004	0.13	1.62	10.5	<0.2	<10	380	0.77	0.24	1.16	0.98	26.1	8.7	26
ZZ81105		0.21	0.002	0.32	1.05	11.8	<0.2	<10	240	0.53	0.18	2.94	1.20	19.40	7.2	21
ZZ81106		0.17	0.002	0.13	0.88	8.7	<0.2	<10	380	0.55	0.16	3.59	2.20	14.00	5.2	13
ZZ81107		0.31	0.002	0.27	0.86	13.0	<0.2	<10	270	0.58	0.14	5.42	1.03	16.30	7.3	16
ZZ81108		0.26	0.003	0.17	1.02	23.4	<0.2	<10	160	0.63	0.22	6.64	1.13	20.8	8.1	21
ZZ81109		0.20	0.001	0.13	1.73	15.6	<0.2	<10	180	0.87	0.26	0.70	1.14	27.8	8.7	31
ZZ81110		0.23	0.002	0.08	2.01	27.3	<0.2	<10	220	1.07	0.28	1.51	6.81	31.2	14.3	31
ZZ81111		0.19	0.006	0.10	1.95	14.4	<0.2	<10	160	1.03	0.32	0.75	3.87	34.6	12.5	29
ZZ78931		0.31	0.005	0.93	0.71	19.6	<0.2	<10	520	0.50	0.16	1.20	3.94	18.75	7.0	29
ZZ78932		0.46	0.006	0.89	0.71	26.1	<0.2	<10	630	0.52	0.18	1.03	3.37	26.2	9.4	31
ZZ78933		0.28	0.010	0.61	0.81	6.1	<0.2	<10	480	0.47	0.17	1.02	1.36	28.3	7.2	16
ZZ78934		0.31	0.009	0.71	0.80	22.3	<0.2	<10	410	0.18	0.20	0.49	0.56	24.2	2.8	22
ZZ78935		0.41	0.008	0.74	0.95	36.8	<0.2	<10	390	0.72	0.22	0.76	12.65	27.5	15.7	31
ZZ78936		0.41	0.004	0.88	1.07	16.9	<0.2	<10	790	0.65	0.20	1.63	3.65	21.4	8.7	29
ZZ78937		0.29	0.001	0.08	1.78	10.9	<0.2	<10	320	0.50	0.24	0.31	0.58	18.55	7.2	27
ZZ78938		0.43	0.001	0.09	1.79	20.4	<0.2	<10	320	0.53	0.20	0.16	0.85	22.1	8.8	33
ZZ78939		0.32	0.005	0.07	1.23	11.1	<0.2	<10	160	0.30	0.25	0.17	0.69	23.6	5.6	20
ZZ78940		0.37	0.003	0.10	1.51	12.8	<0.2	<10	230	0.46	0.25	0.48	0.70	29.0	10.6	28
ZZ78941		0.35	0.003	0.61	0.70	12.4	<0.2	<10	390	0.40	0.14	3.03	1.95	16.65	7.8	26
ZZ78942		0.63	0.006	0.93	0.91	18.5	<0.2	<10	600	0.61	0.17	0.74	2.62	19.55	9.1	33
ZZ78943		0.39	0.004	0.41	0.96	20.8	<0.2	<10	540	0.43	0.17	1.40	0.44	18.55	11.8	36
ZZ78944		0.43	0.007	0.76	0.70	10.8	<0.2	<10	690	0.52	0.13	4.66	5.08	15.70	7.2	24
ZZ78945		0.40	0.005	0.10	1.28	11.4	<0.2	<10	410	0.73	0.20	2.68	1.00	20.6	7.4	22
ZZ78946		0.38	0.003	0.41	1.10	14.4	<0.2	<10	560	0.42	0.14	0.99	2.25	16.80	5.9	40
ZZ78947		0.38	0.007	0.37	0.83	22.5	<0.2	<10	430	0.64	0.24	0.63	1.24	21.8	17.5	68
ZZ78948		0.45	0.006	0.37	0.83	21.8	<0.2	<10	400	0.59	0.24	0.64	0.96	24.2	15.4	58
ZZ78949		0.36	0.005	0.32	0.80	24.6	<0.2	<10	450	0.59	0.23	0.89	1.63	23.0	20.2	55
ZZ78950		0.36	0.006	0.54	0.89	34.6	<0.2	<10	470	0.67	0.26	0.85	1.97	24.9	19.8	54
ZZ78951		0.33	0.005	0.48	0.87	31.9	<0.2	<10	490	0.64	0.23	0.61	1.46	25.1	18.0	60
ZZ78952		0.29	0.006	0.48	0.88	26.2	<0.2	<10	400	0.74	0.28	0.57	1.37	25.9	19.9	59
DD023870		0.19	0.003	0.51	0.66	17.9	<0.2	<10	670	0.31	0.11	2.19	1.64	17.10	3.7	15

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ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ81091		0.59	14.4	1.44	2.06	<0.05	0.03	0.16	0.018	0.04	5.7	5.8	0.41	231	1.82	<0.01
ZZ81092		0.50	20.2	1.95	3.19	<0.05	0.04	0.22	0.023	0.04	10.3	9.4	1.57	247	3.14	<0.01
ZZ81093		0.87	14.9	2.31	3.62	<0.05	0.04	0.18	0.026	0.05	9.0	10.6	1.21	306	3.79	<0.01
ZZ81094		0.73	14.3	2.08	3.86	<0.05	0.03	0.10	0.024	0.04	8.7	10.6	0.75	388	2.33	<0.01
ZZ81095		0.52	17.1	2.18	3.10	0.05	0.04	0.25	0.023	0.05	11.2	10.5	1.83	262	3.56	0.02
ZZ81096		0.98	13.8	2.16	5.28	<0.05	0.04	0.15	0.045	0.04	11.9	11.8	0.34	288	2.89	<0.01
ZZ81097		0.84	13.6	2.08	4.50	<0.05	0.02	0.05	0.024	0.03	9.7	9.3	0.52	441	0.95	<0.01
ZZ81098		0.59	17.0	1.90	2.68	<0.05	0.05	0.18	0.023	0.05	9.5	9.2	3.05	255	3.76	<0.01
ZZ81099		0.68	15.4	2.07	4.01	<0.05	0.04	0.10	0.025	0.04	10.5	10.5	0.67	277	1.68	<0.01
ZZ81100		0.76	11.7	2.31	5.75	<0.05	0.03	0.07	0.029	0.03	13.4	13.3	0.46	288	1.04	<0.01
ZZ81105		0.57	16.2	1.82	3.19	<0.05	0.03	0.15	0.020	0.04	10.0	9.2	0.84	320	2.36	<0.01
ZZ81106		0.67	14.5	1.44	2.66	<0.05	0.03	0.12	0.021	0.04	8.2	6.6	0.31	297	1.37	<0.01
ZZ81107		0.57	17.4	2.00	2.64	<0.05	0.05	0.17	0.025	0.06	8.4	10.0	2.31	302	3.02	0.02
ZZ81108		0.68	17.1	2.28	3.13	0.05	0.07	0.79	0.024	0.05	11.0	8.6	3.73	332	2.56	0.02
ZZ81109		1.44	8.3	2.84	5.57	<0.05	0.04	0.08	0.029	0.05	14.1	11.2	0.51	224	0.99	0.02
ZZ81110		1.29	14.2	3.05	5.53	<0.05	0.04	0.09	0.032	0.04	13.9	11.2	0.78	589	5.98	0.02
ZZ81111		1.51	20.4	2.83	6.59	0.06	0.05	0.14	0.037	0.05	19.2	12.9	0.38	616	2.00	<0.01
ZZ78931		0.93	48.1	1.66	2.58	0.05	0.04	0.25	0.022	0.06	16.3	13.3	0.36	230	3.68	<0.01
ZZ78932		1.21	57.9	2.09	2.58	0.05	0.05	1.63	0.030	0.08	15.3	12.8	0.40	328	6.32	<0.01
ZZ78933		1.47	78.3	0.83	2.46	0.06	0.08	0.31	0.030	0.08	15.6	11.2	0.28	207	1.78	<0.01
ZZ78934		1.34	82.2	1.39	2.63	0.05	0.08	0.35	0.027	0.07	13.8	8.7	0.25	23	3.14	<0.01
ZZ78935		1.76	114.5	2.25	2.81	0.06	0.07	0.33	0.028	0.09	15.5	15.7	0.52	128	3.97	<0.01
ZZ78936		0.71	33.7	1.90	3.73	<0.05	0.04	0.15	0.025	0.05	11.8	13.0	0.37	248	2.36	<0.01
ZZ78937		1.20	10.4	2.49	6.13	<0.05	0.04	0.03	0.029	0.02	9.4	13.8	0.22	127	1.49	<0.01
ZZ78938		1.10	10.4	2.66	4.82	<0.05	0.04	0.04	0.026	0.03	12.4	16.2	0.21	175	2.38	0.01
ZZ78939		1.01	6.6	2.13	5.72	<0.05	0.04	0.02	0.022	0.03	11.9	13.5	0.21	123	1.73	<0.01
ZZ78940		1.13	12.0	2.51	5.25	<0.05	0.04	0.04	0.026	0.04	13.6	14.4	0.39	301	1.55	<0.01
ZZ78941		0.52	24.4	1.63	2.43	0.05	0.04	0.19	0.017	0.04	15.5	7.8	0.30	410	1.53	<0.01
ZZ78942		1.01	37.2	2.28	3.18	<0.05	0.08	0.19	0.027	0.07	12.0	19.2	0.52	163	5.75	<0.01
ZZ78943		0.83	18.9	2.28	3.15	<0.05	0.05	0.11	0.026	0.06	9.0	15.3	0.56	229	3.51	<0.01
ZZ78944		0.79	57.7	1.50	2.45	<0.05	0.05	0.27	0.019	0.05	9.3	12.8	1.66	344	1.82	<0.01
ZZ78945		0.59	12.2	2.22	4.29	<0.05	0.04	0.05	0.027	0.03	10.7	12.4	1.11	306	1.30	<0.01
ZZ78946		0.89	19.2	1.81	3.97	0.06	0.03	0.15	0.021	0.05	10.4	9.9	0.50	192	4.60	0.01
ZZ78947		1.84	54.2	3.49	2.16	0.07	0.05	0.28	0.030	0.08	11.4	13.7	1.71	663	2.09	0.01
ZZ78948		1.63	51.5	3.20	2.32	0.08	0.05	0.26	0.026	0.08	12.5	15.7	1.45	367	2.38	0.01
ZZ78949		1.68	55.9	3.52	2.22	0.08	0.07	0.30	0.026	0.08	11.8	14.9	1.64	469	2.45	0.01
ZZ78950		1.94	66.8	3.79	2.55	0.08	0.06	0.34	0.034	0.08	12.9	15.5	1.45	646	2.73	0.01
ZZ78951		1.89	62.3	3.61	2.43	0.08	0.06	0.31	0.028	0.08	13.3	14.4	1.44	903	2.69	0.01
ZZ78952		2.03	70.6	3.54	2.44	0.08	0.08	0.35	0.030	0.08	13.3	15.5	1.49	279	2.81	0.01
DD023870		0.57	18.5	1.23	1.98	0.08	0.03	0.20	0.018	0.05	24.5	4.4	0.11	191	2.50	0.01

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VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81091		0.35	20.8	1060	7.4	5.6	0.001	0.11	0.91	1.0	1.5	0.2	27.5	<0.01	0.04	0.3
ZZ81092		0.48	30.2	1180	10.2	5.5	0.001	0.07	1.13	1.9	2.0	0.4	39.1	<0.01	0.05	0.6
ZZ81093		0.49	25.2	710	13.9	6.8	<0.001	0.05	1.25	2.7	1.7	0.4	29.0	<0.01	0.06	1.1
ZZ81094		0.59	22.1	740	11.6	6.2	0.001	0.06	0.83	2.4	1.2	0.4	27.6	<0.01	0.04	0.9
ZZ81095		0.50	32.3	1280	11.1	6.7	0.001	0.03	1.20	2.6	2.3	0.3	47.7	<0.01	0.05	1.0
ZZ81096		0.86	26.1	870	12.0	7.4	<0.001	0.09	0.82	2.3	1.6	0.5	21.6	<0.01	0.06	0.7
ZZ81097		0.72	18.1	880	12.8	6.4	<0.001	0.08	0.45	1.5	0.9	0.5	18.4	<0.01	0.04	0.4
ZZ81098		0.27	28.4	790	11.9	6.0	<0.001	0.04	1.11	2.8	1.8	0.3	56.7	<0.01	0.05	1.3
ZZ81099		0.64	21.4	750	13.3	6.9	<0.001	0.07	0.69	2.2	1.1	0.4	27.9	<0.01	0.07	0.7
ZZ81100		1.03	21.5	390	14.4	5.4	<0.001	0.04	0.48	3.6	1.0	0.6	19.3	<0.01	0.07	1.6
ZZ81105		0.46	25.9	990	13.7	6.1	<0.001	0.12	0.96	1.3	1.7	0.3	26.5	<0.01	0.05	0.3
ZZ81106		0.42	18.8	1010	11.3	6.5	0.001	0.14	0.80	0.9	1.5	0.3	29.7	<0.01	0.04	0.2
ZZ81107		0.32	28.4	900	12.8	6.8	0.001	0.04	1.19	2.2	1.3	0.3	57.0	<0.01	0.06	0.7
ZZ81108		0.46	35.5	780	13.6	8.4	<0.001	0.04	1.21	2.7	1.1	0.3	36.0	<0.01	0.06	1.1
ZZ81109		1.10	27.6	290	15.1	10.4	<0.001	0.01	0.52	4.0	0.8	0.6	11.9	<0.01	0.03	2.8
ZZ81110		0.93	87.5	770	16.9	12.3	0.001	0.04	1.39	3.9	1.4	0.6	15.9	0.01	0.05	1.3
ZZ81111		1.22	40.1	270	19.3	9.0	<0.001	0.03	0.84	5.3	1.2	0.7	13.9	<0.01	0.06	2.9
ZZ78931		0.33	57.6	1060	23.9	9.9	0.002	0.05	1.91	3.8	2.2	0.3	49.3	<0.01	0.09	1.1
ZZ78932		0.28	74.2	1590	34.5	9.6	0.004	0.07	3.37	3.4	2.6	0.3	63.2	<0.01	0.11	1.4
ZZ78933		0.40	37.0	1070	32.2	9.3	0.004	0.16	1.22	3.9	2.4	0.3	51.0	<0.01	0.08	1.2
ZZ78934		0.41	18.8	950	42.7	8.5	0.003	0.17	1.83	3.2	4.0	0.3	23.8	<0.01	0.07	1.6
ZZ78935		0.46	136.0	950	41.8	9.9	0.007	0.18	3.18	5.1	7.6	0.3	38.7	<0.01	0.06	2.9
ZZ78936		0.71	47.5	820	19.5	7.1	0.001	0.07	1.80	2.8	2.7	0.4	37.0	<0.01	0.07	1.1
ZZ78937		1.17	24.1	180	17.2	6.6	<0.001	0.01	0.51	2.8	0.3	0.6	10.9	<0.01	0.07	2.6
ZZ78938		0.72	32.8	310	29.6	10.7	<0.001	<0.01	0.62	2.5	0.9	0.5	9.7	<0.01	0.08	2.3
ZZ78939		1.35	17.0	200	14.9	9.6	<0.001	0.01	0.45	2.0	0.3	0.6	10.1	<0.01	0.06	3.1
ZZ78940		1.17	25.5	270	14.8	9.6	<0.001	0.02	0.53	3.1	0.6	0.5	17.5	<0.01	0.06	3.1
ZZ78941		0.49	48.4	980	15.2	5.7	0.009	0.12	0.96	1.8	5.0	0.3	52.5	<0.01	0.04	0.5
ZZ78942		0.22	74.2	1410	20.1	7.6	0.003	0.02	2.32	3.7	2.4	0.3	50.4	<0.01	0.09	3.2
ZZ78943		0.46	48.5	800	23.0	8.7	0.003	0.05	1.37	2.5	2.2	0.3	36.1	<0.01	0.08	1.4
ZZ78944		0.36	58.8	1120	13.9	6.3	0.001	0.07	1.77	2.2	1.7	0.3	80.8	<0.01	0.06	0.5
ZZ78945		0.78	20.8	420	17.1	5.4	<0.001	0.04	0.69	3.2	0.9	0.4	40.8	<0.01	0.06	1.2
ZZ78946		0.38	46.5	810	15.0	8.1	<0.001	0.04	1.41	3.0	1.2	0.4	34.4	<0.01	0.06	1.6
ZZ78947		0.22	166.0	890	38.5	6.3	0.002	0.05	1.15	4.1	1.4	0.2	32.3	<0.01	0.06	2.9
ZZ78948		0.19	140.0	890	37.6	6.7	0.003	0.04	1.22	4.1	1.4	0.2	34.2	<0.01	0.08	3.4
ZZ78949		0.19	168.5	870	37.6	6.4	0.002	0.05	1.39	4.1	1.6	0.2	38.4	<0.01	0.07	3.6
ZZ78950		0.31	167.5	960	51.3	7.3	0.002	0.05	1.66	4.8	2.1	0.3	43.7	<0.01	0.06	3.6
ZZ78951		0.30	165.5	980	46.3	7.1	0.003	0.05	1.52	4.4	1.7	0.3	37.6	<0.01	0.08	3.4
ZZ78952		0.28	171.5	900	41.2	7.0	0.001	0.05	1.49	5.4	1.5	0.3	30.9	<0.01	0.08	4.1
DD023870		0.32	28.2	760	47.6	5.1	<0.001	0.08	1.49	1.5	1.8	0.3	35.9	<0.01	0.05	0.4

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ81091		0.009	0.22	1.50	47	0.10	6.95	98	0.9
ZZ81092		0.013	0.19	1.71	66	0.12	13.70	90	1.0
ZZ81093		0.011	0.35	1.39	66	0.11	8.55	89	1.1
ZZ81094		0.016	0.18	1.41	56	0.12	7.68	76	0.9
ZZ81095		0.016	0.22	1.90	66	0.18	13.55	102	1.2
ZZ81096		0.017	0.21	4.26	80	0.15	10.25	77	1.0
ZZ81097		0.018	0.10	1.78	52	0.10	6.59	70	0.7
ZZ81098		0.007	0.27	1.51	48	0.09	12.55	93	1.3
ZZ81099		0.015	0.13	2.14	45	0.14	9.59	80	1.0
ZZ81100		0.020	0.12	1.54	54	0.24	8.73	77	1.1
ZZ81105		0.011	0.15	2.78	44	0.18	10.50	75	0.8
ZZ81106		0.009	0.16	5.44	36	0.06	10.10	80	1.1
ZZ81107		0.009	0.23	1.74	42	0.09	10.95	116	1.3
ZZ81108		0.011	0.29	1.63	45	0.10	8.62	145	1.7
ZZ81109		0.024	0.23	0.95	59	0.19	7.91	108	1.2
ZZ81110		0.022	0.39	1.63	77	0.20	10.70	467	1.0
ZZ81111		0.027	0.25	6.45	80	0.18	15.75	225	1.8
ZZ78931		0.008	0.38	2.25	135	0.11	23.8	330	1.7
ZZ78932		0.007	0.47	3.04	158	0.10	19.55	367	2.1
ZZ78933		0.010	0.24	3.04	33	0.05	19.90	115	3.0
ZZ78934		0.008	0.30	4.25	38	0.07	11.75	56	2.8
ZZ78935		0.010	0.42	9.55	60	0.10	19.25	1080	3.1
ZZ78936		0.015	0.20	3.41	138	0.14	12.45	244	1.3
ZZ78937		0.015	0.22	0.49	80	0.20	3.81	68	1.1
ZZ78938		0.008	0.26	0.69	110	0.11	6.26	141	1.3
ZZ78939		0.029	0.14	0.53	63	0.28	3.23	65	1.3
ZZ78940		0.026	0.16	1.19	58	0.24	7.16	81	1.2
ZZ78941		0.012	0.23	4.85	58	0.08	27.5	179	1.3
ZZ78942		0.005	0.35	1.88	183	0.08	16.25	426	3.6
ZZ78943		0.008	0.23	1.17	113	0.09	5.89	220	1.6
ZZ78944		0.009	0.25	2.56	137	0.08	16.20	256	1.6
ZZ78945		0.012	0.14	1.13	52	0.15	8.49	112	1.2
ZZ78946		0.006	0.28	1.42	214	0.10	10.70	214	1.4
ZZ78947		0.005	0.13	1.47	35	0.06	10.80	235	2.2
ZZ78948		0.005	0.14	1.40	38	<0.05	11.05	227	2.6
ZZ78949		0.005	0.14	1.41	38	<0.05	10.80	243	3.3
ZZ78950		0.008	0.17	1.72	39	0.07	12.35	340	2.8
ZZ78951		0.008	0.15	1.92	38	0.09	12.05	273	2.4
ZZ78952		0.006	0.15	1.58	39	0.05	13.30	230	3.5
DD023870		0.007	0.20	2.28	53	0.10	16.70	165	0.9

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD023871		0.15	0.007	1.13	0.77	44.2	<0.2	10	1220	0.49	0.16	0.97	3.79	29.3	10.1	23
DD023872		0.21	0.004	0.50	0.88	19.1	<0.2	<10	790	0.56	0.15	3.39	3.34	18.30	9.5	25
DD023873		0.20	0.002	0.05	0.56	13.1	<0.2	<10	70	0.12	0.19	0.07	0.18	18.60	2.0	12
DD023874		0.23	0.003	0.36	0.74	8.6	<0.2	<10	280	0.74	0.16	1.07	2.92	13.35	7.2	13
DD023875		0.23	0.003	0.21	0.92	7.5	<0.2	<10	210	0.44	0.14	3.67	3.15	14.35	5.9	21
DD023876		0.26	0.002	0.21	0.92	12.5	<0.2	<10	270	0.46	0.14	3.21	1.32	17.80	7.6	22
DD023877		0.19	0.004	0.32	0.82	11.4	<0.2	<10	310	0.42	0.12	3.14	1.39	14.50	7.8	19
DD023878		0.29	0.003	0.39	1.45	16.5	<0.2	<10	550	0.71	0.18	1.69	0.76	25.0	7.5	28
DD023879		0.19	0.005	0.62	0.73	20.9	<0.2	10	580	0.57	0.18	2.25	3.56	27.5	10.4	20
DD023880		0.38	0.008	1.07	0.70	45.9	<0.2	<10	1140	0.56	0.15	1.87	4.74	27.5	11.8	25
DD023881		0.21	0.008	1.05	0.76	50.2	<0.2	<10	1060	0.58	0.16	1.01	5.00	28.1	10.0	27
DD023882		0.24	0.007	0.94	0.69	40.2	<0.2	10	960	0.54	0.15	1.40	4.72	25.5	11.5	24
DD023883		0.32	0.002	0.22	0.59	12.0	<0.2	<10	420	0.41	0.11	6.50	0.83	16.10	9.0	30
DD023884		0.17	0.005	0.44	0.80	16.8	<0.2	10	820	0.54	0.16	3.79	1.55	19.25	11.2	33
DD023885		0.29	0.005	1.01	0.39	18.8	<0.2	10	620	0.39	0.09	8.28	1.97	10.90	4.2	18
DD023886		0.24	0.002	0.19	1.07	11.5	<0.2	10	220	0.64	0.14	5.07	1.45	17.85	8.1	19
DD023887		0.22	0.001	0.10	0.89	11	<0.2	<10	220	0.59	0.12	10.05	0.78	16.35	7.8	15
DD023888		0.24	0.004	0.58	0.79	15.3	<0.2	<10	620	0.53	0.13	6.31	3.83	15.05	5.6	18
DD023889		0.19	0.003	0.40	0.78	12.1	<0.2	<10	610	0.54	0.12	8.00	3.84	14.10	6.9	16
DD023890		0.16	0.003	1.25	0.74	16.7	<0.2	10	620	0.54	0.12	5.22	4.73	12.85	6.9	27
DD023891		0.20	0.007	1.49	0.68	14.5	<0.2	10	1080	0.64	0.12	2.35	5.27	12.70	5.2	30
DD023892		0.14	0.004	1.88	0.72	26.7	<0.2	10	1600	0.51	0.12	2.13	6.96	10.95	5.5	40
DD023893		0.16	0.005	1.91	0.81	19.6	<0.2	10	1720	0.53	0.12	1.87	5.50	12.30	6.3	41
DD023894		0.17	0.003	1.42	0.58	21.0	<0.2	10	1470	0.56	0.12	2.54	6.79	9.62	4.1	27
DD023895		0.25	0.008	1.42	0.65	22.8	<0.2	10	1900	0.55	0.14	1.86	6.43	11.45	4.3	33
DD023896		0.21	0.006	1.27	0.67	33.0	<0.2	10	1540	0.59	0.13	1.99	4.36	11.35	6.3	29
DD023897		0.20	0.005	1.90	0.67	23.5	<0.2	10	1000	0.56	0.15	2.09	6.03	11.15	3.0	36
DD023898		0.17	0.005	1.18	0.46	34.4	<0.2	10	1100	0.42	0.16	2.00	3.60	8.91	3.1	25
DD023899		0.22	0.005	1.83	0.42	10.0	<0.2	10	750	0.37	0.13	2.61	7.31	9.15	4.9	30
DD023900		0.18	0.006	1.21	0.50	14.7	<0.2	10	600	0.41	0.13	3.09	7.60	9.97	4.6	24
DD023901		0.14	0.006	1.49	0.53	16.5	<0.2	10	680	0.36	0.13	2.31	6.10	8.93	4.3	28
DD023902		0.14	0.003	0.77	0.65	21.4	<0.2	10	730	0.34	0.12	3.07	3.70	11.50	5.2	21
DD023903		0.27	0.003	0.15	0.81	10.7	<0.2	<10	190	0.34	0.10	6.81	0.96	18.15	5.9	15
DD023904		0.17	0.004	0.59	0.79	17.0	<0.2	10	500	0.45	0.14	2.59	3.20	12.65	5.9	21
DD023905		0.17	0.003	0.31	0.94	14.1	<0.2	10	540	0.39	0.13	2.65	2.78	13.75	5.9	20
DD023906		0.18	0.003	0.43	0.86	13.6	<0.2	10	550	0.41	0.13	2.80	4.75	12.90	6.0	19
DD023907		0.18	0.003	0.97	0.54	13.2	<0.2	10	660	0.35	0.11	3.06	3.83	10.05	3.1	22
DD023908		0.19	0.002	0.09	1.68	10.9	<0.2	<10	280	0.52	0.24	0.78	0.39	26.7	8.4	27
DD023909		0.23	0.004	0.22	0.99	10.6	<0.2	<10	210	0.40	0.13	5.52	1.40	21.0	6.8	17
DD023910		0.18	0.004	1.28	0.56	16.0	<0.2	10	710	0.40	0.14	2.74	5.13	11.95	4.0	25

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023871		1.27	47.0	2.21	2.31	0.09	0.07	0.49	0.028	0.13	17.1	8.6	0.34	624	7.10	0.01
DD023872		0.82	31.0	2.48	2.47	0.06	0.05	0.15	0.023	0.09	10.6	12.1	0.98	361	5.93	0.01
DD023873		0.65	5.2	1.65	4.40	0.06	<0.02	0.01	0.009	0.03	9.8	2.0	0.05	53	1.52	0.01
DD023874		2.36	15.0	2.11	2.10	0.06	0.04	0.06	0.025	0.06	7.7	7.0	0.12	233	6.01	0.01
DD023875		0.60	16.0	1.59	2.40	0.06	0.02	0.15	0.018	0.04	9.8	6.6	0.31	427	1.26	0.02
DD023876		0.52	13.8	1.98	2.45	0.06	<0.02	0.13	0.019	0.03	10.0	7.7	0.24	499	2.35	0.02
DD023877		0.51	24.3	1.91	2.26	0.06	0.03	0.17	0.018	0.04	8.8	7.6	0.30	224	0.50	0.02
DD023878		0.77	16.1	2.93	3.88	0.06	0.04	0.09	0.028	0.05	13.9	13.0	0.77	229	2.67	0.01
DD023879		0.99	51.0	2.24	2.13	0.07	0.06	0.22	0.026	0.10	16.5	10.8	0.45	586	2.24	0.01
DD023880		1.15	73.4	2.64	2.00	0.08	0.06	0.49	0.028	0.10	15.8	7.8	0.91	470	10.15	0.01
DD023881		0.99	89.1	2.68	2.12	0.09	0.06	0.54	0.027	0.10	16.1	8.7	0.39	489	9.34	0.01
DD023882		1.02	61.2	2.38	1.99	0.09	0.06	0.46	0.025	0.10	14.5	8.0	0.55	498	8.06	0.01
DD023883		1.06	23.1	2.07	1.75	0.06	0.04	0.13	0.018	0.06	8.4	10.2	3.88	288	1.92	0.01
DD023884		1.24	36.4	2.56	2.34	0.07	0.06	0.29	0.022	0.08	10.2	12.3	2.38	287	2.51	0.02
DD023885		0.68	25.3	1.44	1.19	0.07	0.05	5.61	0.018	0.08	7.3	3.4	4.14	161	5.46	0.02
DD023886		0.76	19.1	2.29	2.92	0.07	0.04	0.09	0.022	0.09	9.2	10.8	2.50	409	2.43	0.02
DD023887		0.79	19.1	2.01	2.51	0.06	0.03	0.07	0.019	0.09	8.2	10.3	5.02	283	1.91	0.02
DD023888		0.66	22.5	1.76	2.28	0.06	0.05	0.48	0.028	0.07	7.7	8.9	3.29	138	6.08	0.02
DD023889		0.80	22.5	1.83	2.24	0.06	0.05	0.30	0.022	0.08	7.0	9.3	4.05	173	3.95	0.01
DD023890		0.52	24.4	1.83	2.18	0.07	0.05	0.59	0.018	0.07	7.4	8.9	2.34	346	3.84	0.01
DD023891		0.58	36.0	1.42	2.28	0.08	0.04	0.84	0.022	0.06	8.2	5.6	0.24	119	5.17	0.01
DD023892		0.44	31.7	1.53	2.31	0.07	0.05	1.48	0.019	0.04	7.7	5.8	0.29	297	4.00	0.01
DD023893		0.52	28.7	1.51	2.45	0.07	0.06	1.07	0.022	0.06	8.1	6.6	0.25	406	5.80	0.01
DD023894		0.47	43.7	1.56	1.87	0.07	0.06	0.71	0.019	0.06	6.3	3.7	0.23	163	10.60	0.01
DD023895		0.47	39.3	1.45	1.95	0.07	0.07	1.00	0.023	0.07	7.5	4.6	0.22	110	5.31	0.01
DD023896		0.41	36.3	1.86	2.10	0.07	0.05	0.89	0.023	0.07	7.2	6.0	0.23	301	6.29	0.01
DD023897		0.39	36.3	1.63	2.20	0.07	0.07	1.25	0.023	0.06	7.9	4.8	0.19	107	3.22	0.01
DD023898		0.66	27.7	1.56	1.72	0.07	0.05	0.78	0.024	0.10	6.0	3.5	0.23	107	7.17	0.01
DD023899		0.38	32.7	0.82	1.63	0.08	0.09	1.09	0.020	0.05	6.5	3.2	0.15	104	1.57	0.01
DD023900		0.31	32.1	1.35	1.57	0.07	0.07	0.32	0.019	0.05	6.4	3.4	0.16	97	1.15	0.01
DD023901		0.45	29.4	1.32	1.62	0.07	0.07	0.40	0.019	0.05	6.0	3.8	0.14	126	2.18	0.01
DD023902		0.44	20.1	1.65	1.89	0.07	0.05	0.33	0.018	0.06	6.9	6.3	0.96	247	4.57	0.01
DD023903		0.49	11.5	1.91	2.04	0.05	0.04	0.13	0.017	0.05	9.9	9.4	3.62	271	3.47	0.01
DD023904		0.48	25.6	1.66	2.25	0.07	0.06	0.39	0.020	0.07	7.1	8.3	0.31	271	4.61	0.01
DD023905		0.53	17.0	1.81	2.39	0.07	0.05	0.25	0.019	0.05	8.0	10.3	0.34	279	2.33	0.01
DD023906		0.56	18.8	1.63	2.30	0.06	0.06	0.26	0.018	0.05	7.5	8.5	0.30	278	2.09	0.01
DD023907		0.48	22.9	1.17	1.67	0.07	0.07	0.32	0.019	0.08	6.6	5.2	0.87	75	3.15	0.01
DD023908		0.91	10.4	2.59	5.24	0.08	0.04	0.04	0.029	0.04	13.5	15.0	0.47	280	1.41	<0.01
DD023909		0.63	12.1	1.95	2.77	0.07	0.04	0.10	0.021	0.04	10.6	9.4	2.26	316	2.22	0.01
DD023910		0.50	30.0	1.29	1.86	0.09	0.08	0.40	0.023	0.08	8.5	5.2	0.38	109	4.43	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023871		0.26	44.5	1740	157.0	12.3	0.010	0.08	4.38	3.0	4.3	0.4	78.4	<0.01	0.09	2.4
DD023872		0.28	61.7	1070	53.2	7.0	0.001	0.04	2.18	3.0	1.8	0.3	101.5	<0.01	0.05	1.9
DD023873		0.83	8.5	540	10.4	4.6	<0.001	0.02	0.62	0.9	0.4	0.6	6.6	<0.01	0.04	1.0
DD023874		0.33	29.8	900	13.8	6.6	0.001	0.04	0.98	2.3	1.3	0.3	74.1	<0.01	0.04	1.5
DD023875		0.64	19.6	1270	9.8	6.3	0.001	0.14	0.70	0.8	1.7	0.3	65.5	<0.01	0.04	0.2
DD023876		0.56	32.2	610	18.5	4.4	<0.001	0.11	1.07	1.0	1.2	0.3	34.8	<0.01	0.04	0.2
DD023877		0.60	29.1	980	18.3	6.2	0.001	0.14	0.85	1.6	1.9	0.2	45.6	<0.01	0.03	0.6
DD023878		0.78	28.7	840	24.9	6.6	<0.001	0.05	1.01	3.8	1.2	0.4	35.1	<0.01	0.04	1.8
DD023879		0.28	47.7	1430	41.9	7.7	0.001	0.09	2.06	3.7	1.6	0.3	66.5	<0.01	0.07	1.5
DD023880		0.25	93.3	1880	86.0	8.2	0.004	0.09	5.19	3.7	3.4	0.3	105.0	<0.01	0.09	2.4
DD023881		0.28	99.4	1660	98.8	8.5	0.007	0.06	5.43	3.5	4.2	0.4	82.5	<0.01	0.09	2.6
DD023882		0.33	84.3	1550	95.6	8.4	0.010	0.07	4.72	3.0	4.8	0.3	76.7	<0.01	0.09	2.2
DD023883		0.34	63.0	890	16.9	5.2	0.001	0.04	1.02	2.6	1.1	0.2	72.3	<0.01	0.04	2.0
DD023884		0.40	72.8	1130	24.1	7.1	0.003	0.07	1.43	3.3	2.5	0.3	61.7	<0.01	0.06	2.0
DD023885		0.22	41.2	1630	7.0	5.5	0.004	0.10	1.63	2.1	3.8	0.3	102.5	<0.01	0.06	0.8
DD023886		0.48	27.0	740	13.7	8.6	0.001	0.06	0.89	2.5	1.3	0.3	46.7	<0.01	0.03	0.8
DD023887		0.41	25.7	520	13.6	6.9	<0.001	0.03	0.84	3.1	0.7	0.3	82.5	<0.01	0.03	1.5
DD023888		0.45	35.0	730	10.8	6.4	0.005	0.06	2.79	2.6	2.4	0.4	67.3	<0.01	0.05	1.2
DD023889		0.42	45.8	700	10.6	6.2	0.004	0.04	2.79	3.0	1.8	0.4	72.7	<0.01	0.03	1.9
DD023890		0.33	58.7	1100	11.1	5.7	0.007	0.09	2.36	2.5	3.3	0.3	71.8	<0.01	0.03	1.1
DD023891		0.29	98.6	890	9.1	5.6	0.013	0.12	5.07	2.1	4.8	0.4	63.4	<0.01	0.09	0.6
DD023892		0.29	88.9	1030	8.4	4.8	0.016	0.10	3.08	2.1	5.0	0.4	71.0	<0.01	0.08	0.8
DD023893		0.33	60.0	1280	8.9	6.8	0.013	0.11	2.93	2.2	3.9	0.4	77.6	<0.01	0.07	0.8
DD023894		0.24	72.1	1010	8.0	6.0	0.019	0.16	5.93	1.5	7.3	0.4	79.0	<0.01	0.10	0.4
DD023895		0.26	62.1	1150	9.9	5.7	0.019	0.12	3.51	2.6	5.0	0.4	87.7	<0.01	0.08	1.0
DD023896		0.27	56.4	1130	9.6	6.0	0.019	0.13	3.77	2.3	4.4	0.4	74.5	<0.01	0.07	0.8
DD023897		0.31	77.6	1040	9.6	5.7	0.017	0.13	3.34	2.4	5.6	0.4	71.7	<0.01	0.09	1.0
DD023898		0.17	49.2	1180	10.5	6.6	0.021	0.19	3.83	2.0	5.5	0.4	108.0	<0.01	0.09	1.0
DD023899		0.19	76.2	940	8.3	5.5	0.020	0.14	3.12	2.1	8.3	0.5	80.5	0.01	0.07	0.9
DD023900		0.24	72.4	800	7.2	4.2	0.016	0.12	3.10	1.9	6.3	0.4	53.7	0.01	0.07	0.7
DD023901		0.22	66.8	850	8.3	5.5	0.020	0.12	2.98	2.0	7.4	0.4	73.7	0.01	0.08	0.7
DD023902		0.29	51.3	960	8.6	5.1	0.012	0.09	2.63	1.9	4.9	0.4	59.0	<0.01	0.06	1.0
DD023903		0.46	26.8	720	9.5	5.0	0.001	0.02	0.96	2.5	1.1	0.3	53.2	<0.01	0.02	1.3
DD023904		0.39	59.2	790	9.5	6.4	0.014	0.11	3.07	2.0	6.0	0.4	50.8	<0.01	0.07	0.6
DD023905		0.48	72.2	790	9.6	5.1	0.008	0.09	2.20	1.9	5.2	0.4	35.8	<0.01	0.05	0.6
DD023906		0.44	98.7	820	8.7	6.8	0.008	0.10	2.77	1.9	5.0	0.4	39.2	0.01	0.05	0.7
DD023907		0.20	62.5	1260	7.7	5.4	0.012	0.09	2.48	2.2	4.5	0.4	67.9	<0.01	0.07	1.1
DD023908		1.06	19.8	410	13.2	7.0	<0.001	0.02	0.58	3.1	0.8	0.7	17.7	<0.01	0.03	1.8
DD023909		0.65	29.3	810	10.2	5.3	0.001	0.05	0.93	1.9	1.6	0.4	47.2	0.01	0.03	0.6
DD023910		0.26	64.8	1380	9.0	6.2	0.019	0.12	3.46	2.1	7.8	0.4	79.8	0.01	0.09	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023871		0.007	0.50	3.13	111	0.11	14.45	489	2.7
DD023872		0.005	0.31	1.08	57	0.09	12.30	247	2.1
DD023873		0.018	0.11	0.29	60	0.20	1.31	42	<0.5
DD023874		0.005	0.20	0.80	52	0.09	9.36	112	1.9
DD023875		0.014	0.11	2.26	33	0.14	15.85	152	0.7
DD023876		0.010	0.13	1.76	43	0.12	12.30	125	0.6
DD023877		0.011	0.13	4.00	35	0.19	11.05	123	1.4
DD023878		0.012	0.17	1.32	61	0.17	11.45	302	1.2
DD023879		0.006	0.25	2.25	66	0.10	19.35	247	2.4
DD023880		0.008	0.44	2.76	84	0.13	17.40	636	2.9
DD023881		0.008	0.38	2.86	94	0.14	15.60	679	3.0
DD023882		0.009	0.36	3.08	79	0.11	14.15	665	2.5
DD023883		0.007	0.19	1.26	30	<0.05	8.99	151	1.5
DD023884		0.009	0.26	1.56	45	0.14	11.40	196	2.2
DD023885		0.006	0.51	2.32	41	0.17	15.75	209	1.7
DD023886		0.010	0.19	1.64	36	0.32	9.22	144	1.4
DD023887		0.011	0.17	0.95	57	0.18	7.97	92	1.1
DD023888		0.009	0.33	1.75	91	0.11	9.63	265	1.8
DD023889		0.010	0.30	1.21	121	0.08	8.93	310	2.1
DD023890		0.006	0.29	4.51	84	0.09	11.45	395	1.8
DD023891		0.005	0.62	10.65	183	0.13	14.65	520	1.8
DD023892		<0.005	0.55	6.77	129	0.09	14.40	430	2.0
DD023893		0.006	0.68	4.12	147	0.11	13.15	372	1.9
DD023894		0.005	0.86	6.71	206	0.13	11.10	350	2.3
DD023895		<0.005	0.87	5.15	118	0.10	13.45	297	2.8
DD023896		<0.005	0.56	4.83	135	0.09	12.30	287	2.2
DD023897		0.005	0.69	6.26	150	0.10	13.50	424	3.0
DD023898		<0.005	1.04	4.10	126	0.08	10.10	327	2.2
DD023899		<0.005	0.67	12.00	86	0.10	13.60	380	3.2
DD023900		0.005	0.46	4.93	117	0.15	11.65	377	2.6
DD023901		0.005	0.62	7.26	116	0.11	11.60	388	2.4
DD023902		0.007	0.49	4.00	110	0.10	9.63	359	1.7
DD023903		0.015	0.20	1.27	40	0.18	9.39	92	1.1
DD023904		0.008	0.56	4.20	104	0.10	9.40	325	2.1
DD023905		0.011	0.35	2.80	95	0.11	8.65	432	1.4
DD023906		0.010	0.57	4.52	87	0.11	9.40	550	1.8
DD023907		0.005	0.65	2.91	97	0.08	12.40	391	2.1
DD023908		0.027	0.18	1.48	61	0.35	6.13	107	0.8
DD023909		0.021	0.23	2.26	49	0.17	9.88	147	0.9
DD023910		0.005	0.79	7.29	110	0.10	16.45	308	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD023911		0.21	0.003	0.68	0.39	11.6	<0.2	10	490	0.29	0.07	3.88	3.72	5.32	3.4	15
DD023912		0.14	0.007	0.65	0.61	11.0	<0.2	10	550	0.33	0.09	4.31	4.68	8.55	4.4	18
DD023913		0.17	0.011	0.27	0.95	10.8	<0.2	<10	510	0.38	0.13	4.28	1.37	16.45	7.2	17
DD023914		0.20	0.002	0.12	1.89	11.0	<0.2	<10	600	0.54	0.22	1.48	0.50	27.4	8.0	28
DD023915		0.19	0.002	0.21	1.47	12.8	<0.2	<10	360	0.58	0.21	1.70	0.48	25.4	7.1	26
DD023916		0.19	<0.001	0.05	1.99	8.8	<0.2	<10	320	0.49	0.23	0.38	1.20	26.0	8.8	28
DD023917		0.20	0.002	0.31	1.65	13.4	<0.2	<10	260	0.58	0.17	2.47	0.71	24.7	6.6	32
DD023918		0.22	0.003	0.22	1.28	12.2	<0.2	<10	230	0.58	0.16	4.28	0.41	17.65	7.4	21
DD023919		0.15	0.005	1.56	0.69	21.2	<0.2	10	1470	0.46	0.14	2.18	8.28	13.90	4.9	34
DD023920		0.27	0.003	0.21	0.93	9.3	<0.2	10	490	0.57	0.15	5.22	1.41	14.00	8.2	16
DD023921		0.30	0.003	0.28	0.92	11.9	<0.2	<10	410	0.48	0.14	3.86	1.79	14.80	7.8	18
DD023922		0.29	0.003	0.16	1.13	12.0	<0.2	10	290	0.58	0.17	6.26	0.69	19.85	11.7	18
DD023923		0.22	0.002	0.16	1.19	12.9	<0.2	10	360	0.67	0.18	6.01	0.79	19.40	11.5	19
DD023924		0.31	0.002	0.17	0.76	10.5	<0.2	<10	190	0.45	0.12	9.55	0.77	17.10	8.2	13
DD023925		0.22	0.002	0.13	1.37	10.9	<0.2	<10	340	0.52	0.19	4.00	0.85	22.8	9.0	21
DD023926		0.31	0.002	0.15	1.06	11.1	<0.2	<10	240	0.60	0.16	7.34	0.72	19.05	11.0	17
DD023927		0.31	0.003	0.17	1.09	11.6	<0.2	<10	280	0.55	0.15	3.56	0.96	17.25	8.7	18
DD023928		0.28	0.003	0.13	0.94	11.4	<0.2	<10	270	0.53	0.14	5.69	0.75	17.20	8.6	15
DD023929		0.25	0.002	0.19	1.24	14.5	<0.2	<10	170	0.58	0.16	3.97	1.08	21.0	7.8	21
DD023930		0.31	0.003	0.19	1.84	12.4	<0.2	<10	350	0.71	0.25	0.62	0.67	35.9	10.8	30
DD023931		0.22	<0.001	0.07	2.00	12.7	<0.2	<10	350	0.71	0.26	0.51	1.44	32.0	10.2	31
DD023932		0.26	0.002	0.18	1.44	13.3	<0.2	<10	240	0.53	0.19	3.34	1.34	23.2	8.8	24
DD023933		0.24	0.002	0.17	1.22	11.2	<0.2	<10	160	0.43	0.15	5.72	1.28	21.3	8.0	20
DD023934		0.25	0.003	0.20	1.24	14.7	<0.2	<10	290	0.51	0.17	4.05	1.97	19.85	8.3	21
DD023935		0.23	0.003	0.25	1.38	17.9	<0.2	<10	310	0.58	0.23	2.86	0.52	31.3	11.8	27
DD023936		0.26	0.001	0.23	1.02	16.9	<0.2	<10	320	0.45	0.12	6.71	2.14	15.60	6.0	17
DD023937		0.26	0.002	0.15	1.43	13.2	<0.2	<10	220	0.57	0.18	3.50	0.74	24.5	8.5	24
DD023938		0.22	0.002	0.20	1.73	14.7	<0.2	<10	180	0.70	0.21	2.13	1.76	28.5	9.9	29
DD023939		0.22	0.002	0.22	1.68	13.1	<0.2	<10	300	0.63	0.23	0.76	0.38	29.4	8.9	29
DD023940		0.29	0.002	0.19	1.54	11.5	<0.2	<10	270	0.64	0.21	1.74	0.91	24.7	9.5	25
DD023941		0.30	0.002	0.13	0.79	8.3	<0.2	<10	150	0.41	0.10	9.60	0.42	14.15	7.1	12
DD023942		0.27	0.002	0.14	1.55	13.8	<0.2	<10	200	0.67	0.20	2.51	0.49	28.0	9.7	24
DD023943		0.21	0.001	0.15	1.31	12.3	<0.2	<10	170	0.58	0.14	3.64	0.36	19.05	7.5	19
DD023944		0.29	0.003	0.18	1.04	11.6	<0.2	<10	230	0.56	0.13	6.25	0.63	16.90	8.3	16

ALS Canada Ltd.

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Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD023911		0.35	25.5	0.91	1.14	0.07	0.06	0.27	0.012	0.04	3.5	3.1	0.19	160	2.63	0.01
DD023912		0.40	24.3	1.22	1.77	0.06	0.05	0.25	0.014	0.03	5.0	5.0	0.22	282	1.41	0.01
DD023913		0.54	21.0	1.73	2.73	0.05	0.03	0.26	0.018	0.04	8.8	8.2	0.51	464	2.52	0.01
DD023914		1.00	7.3	2.69	5.48	0.07	0.05	0.09	0.029	0.04	13.7	15.1	0.77	205	2.36	0.01
DD023915		0.85	12.2	2.38	4.25	0.07	0.04	0.18	0.029	0.05	13.6	12.5	0.68	212	3.08	0.01
DD023916		1.16	6.1	2.60	5.66	0.06	0.06	0.02	0.028	0.04	11.7	13.3	0.36	486	2.35	<0.01
DD023917		0.82	10.0	2.61	4.18	0.08	0.06	0.15	0.032	0.04	14.7	12.9	1.32	259	3.19	<0.01
DD023918		0.79	13.2	2.71	2.91	0.07	0.08	0.10	0.028	0.08	10.9	12.0	2.30	248	2.51	0.01
DD023919		0.56	34.5	1.65	2.12	0.08	0.08	0.97	0.024	0.08	9.7	5.4	0.20	135	6.69	<0.01
DD023920		0.94	28.3	2.22	2.68	0.06	0.08	0.13	0.026	0.11	7.0	13.1	1.76	200	2.61	0.01
DD023921		0.66	18.7	1.98	2.53	0.07	0.05	0.21	0.022	0.07	8.1	11.2	1.40	326	2.42	0.01
DD023922		1.20	23.4	2.65	3.13	0.07	0.05	0.10	0.029	0.12	9.1	16.3	2.61	445	2.97	0.01
DD023923		1.34	28.9	2.80	3.35	0.07	0.08	0.13	0.031	0.15	9.2	16.7	1.86	396	3.42	0.01
DD023924		0.84	17.7	1.96	2.35	0.06	0.06	0.11	0.023	0.08	8.5	11.9	3.45	288	3.15	0.01
DD023925		0.71	13.5	2.35	4.40	0.06	0.05	0.08	0.027	0.05	11.5	14.0	1.42	366	2.61	0.01
DD023926		1.23	24.3	2.45	3.07	0.07	0.08	0.11	0.028	0.13	9.2	15.6	2.63	399	2.74	0.01
DD023927		0.64	16.9	2.30	2.91	0.06	0.06	0.09	0.024	0.07	8.7	12.4	1.49	404	2.06	<0.01
DD023928		0.80	17.1	2.24	2.57	0.06	0.07	0.08	0.024	0.08	9.0	12.1	3.09	343	2.45	<0.01
DD023929		0.76	13.3	2.52	3.31	0.07	0.06	0.09	0.029	0.06	11.5	11.9	2.21	372	3.67	0.01
DD023930		0.99	16.3	2.91	5.29	0.08	0.08	0.09	0.031	0.05	17.4	15.7	0.62	425	1.49	0.01
DD023931		0.96	9.4	3.16	5.56	0.08	0.09	0.02	0.035	0.06	13.5	16.0	0.52	494	2.67	0.01
DD023932		0.75	14.1	2.47	3.83	0.07	0.04	0.14	0.028	0.05	12.2	12.2	1.86	419	1.91	0.01
DD023933		0.65	10.8	2.15	2.99	0.06	0.04	0.13	0.024	0.04	10.3	10.0	3.37	422	1.85	0.01
DD023934		0.63	16.5	2.18	3.20	0.07	0.03	0.20	0.026	0.05	10.5	9.9	1.83	408	1.76	0.01
DD023935		0.79	19.1	2.56	4.57	0.09	0.06	0.18	0.025	0.05	15.8	14.2	1.43	348	2.42	0.01
DD023936		0.50	17.2	1.71	2.91	0.06	0.04	0.17	0.017	0.03	9.7	7.2	3.64	269	1.78	0.01
DD023937		0.73	14.9	2.49	4.35	0.07	0.06	0.10	0.025	0.04	13.2	11.9	2.06	332	1.37	0.01
DD023938		0.77	13.5	2.84	5.14	0.08	0.07	0.11	0.028	0.04	15.6	12.2	1.32	545	1.41	0.01
DD023939		0.88	17.3	2.77	5.09	0.08	0.06	0.07	0.026	0.05	15.6	14.9	0.62	339	1.22	0.01
DD023940		0.84	15.4	2.78	4.48	0.08	0.06	0.06	0.027	0.06	13.4	12.0	0.91	565	1.17	0.01
DD023941		0.63	13.2	1.84	2.36	0.06	0.06	0.07	0.019	0.06	6.9	9.4	4.24	307	1.49	0.01
DD023942		0.83	14.3	2.79	4.53	0.08	0.07	0.09	0.027	0.06	13.3	12.7	1.53	442	1.62	0.01
DD023943		0.68	10.3	2.37	3.77	0.07	0.06	0.09	0.022	0.03	9.9	9.6	1.90	506	2.38	0.01
DD023944		0.77	19.7	2.23	2.97	0.06	0.09	0.10	0.021	0.08	8.6	11.4	3.40	291	1.96	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023911		0.19	60.7	880	4.9	3.6	0.014	0.17	3.12	0.9	10.2	0.2	70.6	<0.01	0.06	0.2
DD023912		0.34	48.3	1020	6.0	4.3	0.004	0.15	2.42	1.0	5.8	0.3	68.3	0.01	0.06	0.3
DD023913		0.59	32.6	1000	8.2	4.6	0.001	0.09	1.15	1.3	2.3	0.3	29.5	0.01	0.03	0.3
DD023914		1.19	19.5	270	14.8	7.4	<0.001	0.02	0.72	3.5	0.6	0.7	19.1	<0.01	0.03	2.8
DD023915		0.82	23.3	580	12.3	7.5	0.001	0.04	0.98	2.7	1.4	0.6	22.0	0.01	0.03	1.0
DD023916		1.24	17.1	150	13.9	9.1	<0.001	0.01	0.53	2.9	0.4	0.8	10.5	<0.01	0.03	3.5
DD023917		0.67	25.0	600	13.7	7.1	<0.001	0.07	0.96	3.6	1.2	0.5	24.3	0.01	0.03	1.4
DD023918		0.35	21.6	720	16.9	8.3	0.001	0.07	0.95	3.8	0.9	0.4	32.5	<0.01	0.03	1.6
DD023919		0.29	66.0	1820	9.4	6.3	0.020	0.15	4.07	2.4	7.5	0.5	88.0	0.01	0.10	1.0
DD023920		0.37	31.9	750	14.1	7.8	0.003	0.09	1.43	2.8	2.6	0.4	60.2	<0.01	0.03	0.9
DD023921		0.40	32.1	880	11.7	7.2	0.005	0.10	1.45	2.0	3.8	0.4	38.5	<0.01	0.03	0.6
DD023922		0.38	31.1	630	18.2	8.9	0.001	0.03	1.13	3.6	1.0	0.4	67.7	<0.01	0.03	1.6
DD023923		0.44	34.3	520	18.7	10.7	0.001	0.04	1.35	4.3	1.0	0.5	62.7	<0.01	0.04	2.2
DD023924		0.40	24.5	630	13.4	6.6	0.001	0.03	1.16	3.2	0.9	0.3	94.0	<0.01	0.02	1.7
DD023925		0.89	22.5	420	15.4	6.5	0.001	0.03	0.78	3.3	0.8	0.6	42.0	<0.01	0.03	1.8
DD023926		0.42	29.8	570	17.6	9.0	0.001	0.02	1.05	4.3	0.8	0.4	79.1	<0.01	0.03	2.7
DD023927		0.43	23.5	650	14.7	7.7	0.001	0.11	0.91	2.5	1.0	0.4	32.8	0.01	0.03	0.8
DD023928		0.34	24.7	670	15.9	7.7	0.001	0.10	0.96	3.2	0.9	0.3	50.4	<0.01	0.03	1.4
DD023929		0.45	25.2	660	16.4	7.6	0.001	0.12	1.10	3.4	1.1	0.5	35.9	<0.01	0.03	1.4
DD023930		1.32	25.0	200	15.0	7.0	<0.001	0.10	0.65	4.8	0.9	0.7	17.1	<0.01	0.04	5.0
DD023931		1.10	24.2	140	19.6	9.2	<0.001	0.12	0.85	4.1	0.5	0.9	12.5	<0.01	0.03	4.9
DD023932		0.72	24.3	680	13.4	8.4	0.001	0.09	0.76	2.5	0.9	0.5	28.3	0.01	0.03	1.0
DD023933		0.54	19.9	820	10.7	8.3	0.001	0.04	0.74	1.9	0.8	0.4	34.7	<0.01	0.03	0.8
DD023934		0.61	24.2	850	12.4	8.0	0.001	0.06	0.97	1.5	1.3	0.4	29.4	0.01	0.03	0.5
DD023935		0.95	42.2	490	14.8	7.9	0.002	0.01	0.99	3.6	1.0	0.5	30.0	<0.01	0.04	1.7
DD023936		0.51	22.6	1570	10.4	5.9	0.001	0.05	0.84	1.5	1.2	0.3	44.5	0.01	0.03	0.4
DD023937		0.85	24.6	490	13.5	7.4	<0.001	<0.01	0.65	3.7	0.7	0.4	27.2	<0.01	0.03	1.9
DD023938		0.86	26.7	540	14.7	6.7	<0.001	0.01	0.70	3.9	0.7	0.5	19.5	<0.01	0.03	1.7
DD023939		1.07	24.7	500	13.3	8.1	<0.001	<0.01	0.60	4.1	0.7	0.5	17.6	<0.01	0.04	2.4
DD023940		0.81	23.7	530	15.9	9.0	<0.001	0.01	0.70	3.6	0.7	0.5	21.7	<0.01	0.03	1.3
DD023941		0.37	17.5	590	13.0	6.6	<0.001	<0.01	0.65	3.2	0.7	0.2	86.3	<0.01	0.02	1.3
DD023942		0.89	24.7	460	33.2	9.1	<0.001	<0.01	0.79	4.2	0.7	0.5	25.0	<0.01	0.04	2.2
DD023943		0.60	19.4	500	17.5	7.8	0.001	0.01	0.77	3.3	0.6	0.4	29.1	<0.01	0.03	1.3
DD023944		0.42	23.1	800	16.6	7.6	<0.001	0.02	0.95	3.7	0.8	0.3	58.7	<0.01	0.03	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023911		<0.005	0.41	6.60	70	0.06	7.51	214	1.9
DD023912		0.007	0.32	7.57	72	0.09	8.29	198	1.6
DD023913		0.016	0.17	3.74	42	0.17	8.85	81	0.8
DD023914		0.026	0.21	1.40	69	0.28	6.54	82	1.3
DD023915		0.021	0.22	2.26	72	0.20	10.35	84	0.8
DD023916		0.027	0.19	0.70	74	0.23	3.29	104	2.0
DD023917		0.015	0.25	1.61	80	0.18	14.30	100	1.3
DD023918		0.007	0.19	1.15	40	0.12	12.45	93	1.9
DD023919		0.006	0.89	5.63	168	0.14	19.25	400	2.4
DD023920		0.007	0.24	2.08	33	0.09	9.92	125	2.3
DD023921		0.009	0.27	2.43	53	0.12	9.81	155	1.3
DD023922		0.008	0.28	1.31	38	0.10	9.94	113	1.4
DD023923		0.009	0.32	1.08	39	0.11	10.90	137	2.4
DD023924		0.008	0.25	1.40	33	0.09	9.81	89	1.6
DD023925		0.020	0.20	0.91	53	0.29	8.19	119	1.2
DD023926		0.009	0.29	1.05	35	0.10	10.85	107	2.7
DD023927		0.009	0.16	1.43	38	0.10	9.63	112	1.4
DD023928		0.008	0.20	1.06	32	0.11	10.60	102	1.7
DD023929		0.011	0.30	1.36	57	0.14	12.10	109	1.5
DD023930		0.035	0.19	1.35	62	0.27	9.95	119	2.3
DD023931		0.027	0.27	1.11	79	0.18	4.98	216	3.1
DD023932		0.022	0.17	1.26	50	0.24	8.82	121	0.9
DD023933		0.017	0.15	1.23	45	0.18	8.50	98	0.9
DD023934		0.018	0.18	2.93	51	0.14	8.95	157	0.7
DD023935		0.029	0.17	1.09	52	0.22	12.90	103	1.4
DD023936		0.012	0.11	2.38	47	0.14	13.60	112	1.0
DD023937		0.023	0.12	0.81	46	0.17	11.50	96	1.6
DD023938		0.021	0.12	1.02	60	0.21	13.90	133	1.5
DD023939		0.032	0.10	1.29	53	0.26	10.80	96	1.5
DD023940		0.023	0.11	1.24	45	0.19	10.10	131	1.3
DD023941		0.007	0.13	1.09	23	0.07	8.49	83	1.7
DD023942		0.021	0.15	0.89	49	0.19	10.70	99	1.9
DD023943		0.012	0.16	0.83	44	0.17	9.18	83	1.6
DD023944		0.008	0.20	0.95	31	0.13	10.95	80	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152704

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

CERTIFICATE WH13152705

Project: Nadaleen
P.O. No.: S13-R6
This report is for 181 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: ATAC RESOURCES LTD.
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VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ81651		0.30	0.003	0.17	0.90	10.3	<0.2	<10	150	0.54	0.13	6.84	0.60	17.50	7.2	18
ZZ81652		0.28	0.003	0.78	1.05	14.0	<0.2	<10	750	0.54	0.17	2.36	2.30	18.70	6.9	30
ZZ81653		0.24	0.004	0.65	0.70	20.8	<0.2	<10	550	0.53	0.15	2.10	5.66	19.65	11.0	29
ZZ81654		0.16	0.003	0.12	1.02	18.9	<0.2	<10	140	0.69	0.34	0.65	0.83	18.30	22.0	33
ZZ81655		0.26	0.006	0.16	1.04	22.4	<0.2	<10	240	0.73	0.31	0.44	0.84	20.9	21.9	48
ZZ81656		0.29	0.005	0.26	0.93	25.9	<0.2	<10	610	0.62	0.25	0.86	1.10	23.9	14.6	35
ZZ81657		0.30	0.003	0.25	1.01	21.9	<0.2	<10	380	0.66	0.29	0.52	1.24	22.3	19.1	45
ZZ81658		0.25	0.002	0.27	0.67	16.1	<0.2	<10	400	0.48	0.14	6.05	1.24	18.50	12.0	36
ZZ81659		0.26	0.002	0.18	1.71	15.3	<0.2	<10	210	0.81	0.23	1.83	0.89	26.9	9.2	30
ZZ81660		0.36	0.004	0.50	1.17	12.8	<0.2	<10	430	0.65	0.17	3.63	0.98	18.55	7.0	23
ZZ81661		0.21	0.009	0.24	0.79	7.0	<0.2	<10	1110	0.36	0.11	4.26	1.65	9.84	4.9	14
ZZ81662		0.18	0.001	0.12	0.75	10	<0.2	<10	270	0.59	0.11	11.45	0.85	12.70	7.6	13
ZZ81663		0.31	0.003	0.17	1.34	13.8	<0.2	<10	230	0.92	0.17	5.57	0.76	18.20	9.8	19
ZZ81664		0.33	0.002	0.17	0.80	11	<0.2	<10	130	0.59	0.11	10.75	1.02	11.90	7.4	13
ZZ81665		0.52	0.002	0.37	0.84	13.1	<0.2	<10	320	0.68	0.16	8.65	1.06	14.70	10.0	16
ZZ81666		0.24	0.002	0.12	0.78	9.0	<0.2	<10	120	0.48	0.12	6.34	0.48	15.85	7.6	13
ZZ81667		0.36	0.001	0.08	1.83	10.5	<0.2	<10	370	0.72	0.25	0.52	0.67	29.4	9.0	29
ZZ81668		0.30	0.001	0.14	0.68	9	<0.2	<10	80	0.37	0.08	11.65	0.44	12.50	4.0	11
ZZ81669		0.25	0.001	0.05	2.04	14.6	<0.2	<10	270	0.99	0.23	0.77	0.43	37.8	9.4	32
ZZ81670		0.16	0.001	0.07	1.91	9.8	<0.2	<10	210	0.84	0.25	1.72	0.78	27.7	8.0	28
ZZ81671		0.32	0.002	0.04	2.03	13.5	<0.2	<10	170	1.00	0.22	1.16	0.40	33.1	8.5	28
ZZ81672		0.26	0.002	0.18	1.61	15.8	<0.2	<10	260	0.96	0.19	4.57	0.28	32.2	8.5	25
ZZ81673		0.26	0.003	0.08	1.70	15.1	<0.2	<10	270	0.82	0.24	0.40	0.24	35.5	9.9	30
ZZ81674		0.28	0.002	0.13	1.43	12.3	<0.2	<10	200	0.74	0.18	3.64	0.32	22.8	8.0	25
ZZ81675		0.28	0.002	0.16	1.20	12.4	<0.2	<10	170	0.60	0.15	3.50	0.29	19.20	6.7	20
ZZ81676		0.24	0.001	0.08	1.90	11.7	<0.2	<10	220	0.76	0.22	0.60	0.31	28.2	7.2	30
ZZ81677		0.25	0.001	0.02	1.80	8.8	<0.2	<10	230	0.52	0.20	0.23	0.11	23.9	6.6	26
ZZ81678		0.20	0.001	0.07	2.26	12.8	<0.2	<10	300	1.16	0.24	1.41	0.47	38.7	11.0	30
ZZ81679		0.36	0.002	0.16	1.34	13.0	<0.2	<10	320	0.72	0.19	3.61	0.32	24.9	8.2	23
ZZ81680		0.19	0.007	0.21	1.04	10.1	<0.2	<10	370	0.55	0.15	5.08	0.90	14.85	6.0	17
ZZ81681		0.39	0.003	0.62	0.49	12.7	<0.2	<10	1130	0.42	0.10	8.94	1.89	13.80	4.9	18
ZZ81682		0.42	0.003	0.64	0.46	13	<0.2	<10	1080	0.39	0.10	10.10	1.85	13.40	5.0	17
ZZ81683		0.23	0.005	1.20	0.71	22.9	<0.2	<10	1320	0.60	0.15	5.11	3.13	16.85	7.0	25
ZZ81684		0.14	0.005	0.95	0.65	12.4	<0.2	<10	940	0.46	0.14	4.84	2.25	15.05	6.6	21
ZZ81685		0.43	0.003	0.76	0.49	14	<0.2	<10	1090	0.45	0.11	10.05	2.39	12.85	4.5	19
ZZ81686		0.28	0.005	1.31	0.72	37.2	<0.2	<10	1490	0.62	0.17	5.77	2.90	17.75	6.4	26
ZZ81687		0.33	0.006	1.35	0.67	5.9	<0.2	<10	1010	0.54	0.15	4.57	3.04	16.00	3.1	27
ZZ81688		0.25	0.002	0.28	0.61	16.1	<0.2	<10	420	0.48	0.13	5.86	1.31	18.50	11.3	35
ZZ81689		0.39	0.002	0.26	0.68	16.8	<0.2	10	410	0.48	0.14	5.54	1.06	19.40	10.6	33
ZZ81690		0.34	0.003	0.38	0.66	17.8	<0.2	<10	460	0.60	0.15	5.27	1.82	20.7	12.9	37

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81651		0.46	11.6	2.00	2.65	<0.05	0.04	0.06	0.021	0.05	10.3	10.6	3.64	356	0.87	0.01
ZZ81652		0.77	29.5	1.77	3.62	<0.05	0.04	0.16	0.026	0.06	10.6	11.0	0.77	203	2.52	0.01
ZZ81653		0.73	38.7	2.23	2.31	0.05	0.05	0.22	0.020	0.07	12.0	9.1	0.50	767	2.07	0.01
ZZ81654		1.78	52.4	3.82	3.38	0.06	0.08	0.13	0.026	0.06	8.7	24.9	0.97	689	1.96	<0.01
ZZ81655		1.41	55.6	3.80	3.14	0.05	0.07	0.22	0.024	0.05	10.4	21.6	1.36	421	1.89	<0.01
ZZ81656		1.25	52.5	3.31	2.85	<0.05	0.08	0.18	0.029	0.07	13.0	17.5	0.84	352	3.55	0.01
ZZ81657		1.62	56.7	3.63	3.02	<0.05	0.06	0.26	0.027	0.06	11.7	20.6	1.14	485	2.64	0.01
ZZ81658		1.16	31.5	2.36	2.04	0.05	0.04	0.13	0.027	0.06	9.3	11.6	3.56	395	2.04	<0.01
ZZ81659		0.93	14.3	2.86	5.16	0.05	0.07	0.06	0.033	0.07	13.2	12.3	1.22	319	1.76	0.01
ZZ81660		0.53	26.7	2.02	3.50	<0.05	0.03	0.24	0.025	0.04	11.0	9.7	1.47	313	1.71	0.01
ZZ81661		0.36	20.1	1.28	2.34	<0.05	0.02	0.14	0.019	0.02	5.3	6.1	0.48	426	0.80	0.01
ZZ81662		0.98	20.6	1.94	2.19	<0.05	0.05	0.10	0.023	0.12	6.2	9.3	3.63	324	2.57	0.01
ZZ81663		0.78	22.7	2.59	3.65	<0.05	0.08	0.11	0.031	0.12	9.0	12.2	2.25	338	2.19	0.01
ZZ81664		0.56	20.8	1.89	2.15	<0.05	0.06	0.13	0.021	0.11	5.7	8.5	3.98	286	1.94	0.01
ZZ81665		1.46	31.1	2.26	2.63	<0.05	0.06	0.16	0.027	0.11	7.1	12.9	3.09	326	3.55	0.01
ZZ81666		0.68	18.5	1.83	2.23	<0.05	0.06	0.09	0.019	0.07	7.4	9.7	3.23	298	1.16	0.01
ZZ81667		1.00	8.3	2.63	6.15	<0.05	0.05	0.04	0.031	0.04	15.5	11.8	0.52	321	1.21	<0.01
ZZ81668		0.35	8.5	1.13	1.70	<0.05	0.03	0.06	0.013	0.03	6.1	5.5	6.48	183	1.19	0.01
ZZ81669		1.08	10.2	2.96	5.79	0.05	0.07	0.04	0.037	0.05	17.2	12.8	0.68	440	1.71	<0.01
ZZ81670		0.98	9.3	2.71	5.54	<0.05	0.05	0.04	0.035	0.04	15.1	11.4	1.07	590	1.06	0.01
ZZ81671		1.06	9.2	2.83	5.75	0.05	0.07	0.04	0.036	0.04	16.6	12.6	0.89	248	1.24	<0.01
ZZ81672		0.89	11.9	2.56	4.62	0.07	0.08	0.07	0.033	0.05	21.6	11.7	2.79	294	1.46	0.01
ZZ81673		0.91	13.9	2.84	5.48	0.06	0.08	0.05	0.029	0.04	19.2	14.2	0.56	290	1.15	0.01
ZZ81674		0.91	12.2	2.38	4.56	0.05	0.06	0.06	0.030	0.05	12.0	11.6	2.17	321	1.15	<0.01
ZZ81675		0.64	11.3	2.17	3.58	0.05	0.05	0.10	0.026	0.05	10.3	9.8	2.04	249	1.09	<0.01
ZZ81676		0.93	11.6	2.77	5.59	0.05	0.04	0.04	0.030	0.04	15.8	13.7	0.49	189	1.00	<0.01
ZZ81677		1.04	7.5	2.43	5.52	<0.05	0.05	0.01	0.024	0.03	12.0	14.5	0.41	141	1.07	<0.01
ZZ81678		0.97	12.5	3.48	6.25	0.05	0.06	0.04	0.043	0.04	16.7	15.4	0.87	410	1.39	<0.01
ZZ81679		0.65	16.9	2.60	4.00	<0.05	0.04	0.07	0.029	0.06	14.8	13.9	1.91	384	1.06	0.01
ZZ81680		0.68	25.9	1.98	2.91	<0.05	0.05	0.18	0.023	0.06	9.0	9.5	1.99	505	0.96	0.01
ZZ81681		0.54	23.5	1.25	1.68	0.05	0.04	0.32	0.019	0.06	8.3	5.2	4.54	136	3.82	0.01
ZZ81682		0.61	22.0	1.43	1.53	<0.05	0.04	0.41	0.016	0.05	7.9	5.0	4.50	190	5.42	0.01
ZZ81683		0.66	37.6	2.04	2.32	0.06	0.05	0.39	0.031	0.08	10.0	7.2	2.54	349	9.41	0.01
ZZ81684		0.67	30.0	1.42	2.18	0.05	0.06	0.36	0.023	0.07	8.6	7.2	2.32	200	3.39	0.01
ZZ81685		0.63	26.3	1.48	1.66	<0.05	0.05	0.33	0.021	0.06	8.1	4.9	5.08	156	5.19	0.01
ZZ81686		0.90	35.5	2.39	2.51	0.06	0.06	0.50	0.028	0.09	10.7	7.2	2.99	110	9.18	<0.01
ZZ81687		0.73	36.9	0.68	2.20	0.06	0.07	0.69	0.028	0.07	10.1	5.9	1.98	71	2.13	0.01
ZZ81688		1.18	30.5	2.19	1.93	<0.05	0.04	0.16	0.018	0.06	9.4	10.1	3.68	371	2.11	0.01
ZZ81689		1.11	28.7	2.43	2.11	<0.05	0.05	0.13	0.020	0.06	9.9	11.0	3.51	312	2.29	<0.01
ZZ81690		1.17	37.8	2.30	2.10	0.05	0.06	0.19	0.021	0.06	10.7	10.7	3.34	352	2.39	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ81651		0.47	20.6	800	20.7	4.9	0.001	0.02	0.58	2.9	0.8	0.3	65.0	<0.01	0.03	1.3
ZZ81652		0.66	37.3	1040	18.8	7.2	0.001	0.04	1.51	2.8	1.5	0.4	55.0	<0.01	0.06	1.3
ZZ81653		0.31	54.9	1430	28.8	7.3	0.003	0.07	1.98	2.3	2.3	0.3	55.3	<0.01	0.05	0.7
ZZ81654		0.16	86.9	640	24.4	4.7	0.002	0.05	0.96	4.0	1.1	0.2	33.6	<0.01	0.05	3.1
ZZ81655		0.17	123.0	590	35.3	4.2	0.001	0.02	1.10	3.9	1.1	0.2	32.0	<0.01	0.08	3.0
ZZ81656		0.19	84.0	1310	34.3	5.6	0.003	0.03	1.61	4.0	2.0	0.2	48.4	<0.01	0.05	2.8
ZZ81657		0.17	114.5	920	30.3	4.8	0.001	0.03	1.32	4.1	1.7	0.2	40.8	<0.01	0.06	3.2
ZZ81658		0.31	85.0	960	21.6	5.0	0.002	0.04	1.01	3.0	1.3	0.2	81.2	<0.01	0.05	2.3
ZZ81659		1.07	30.0	290	14.9	9.2	<0.001	0.03	0.77	4.3	0.4	0.6	19.3	<0.01	0.05	3.3
ZZ81660		0.58	27.5	1160	10.6	5.0	0.001	0.07	0.93	1.7	0.9	0.4	38.6	<0.01	0.06	0.6
ZZ81661		0.52	17.2	890	6.7	2.4	0.001	0.13	0.94	0.8	1.5	0.3	49.1	<0.01	0.02	0.2
ZZ81662		0.28	27.0	580	12.5	6.6	<0.001	0.02	0.96	3.2	0.6	0.3	109.0	<0.01	0.02	1.8
ZZ81663		0.36	31.0	450	18.7	8.2	0.001	0.03	0.89	4.4	0.4	0.4	59.2	<0.01	0.05	2.0
ZZ81664		0.22	24.7	650	12.2	6.0	0.001	0.03	0.85	2.7	0.6	0.3	92.8	<0.01	0.04	1.1
ZZ81665		0.29	35.9	690	14.7	6.7	0.002	0.03	1.26	4.3	1.3	0.4	103.5	<0.01	0.07	2.8
ZZ81666		0.38	19.7	650	12.0	5.2	0.001	0.02	0.66	3.1	0.3	0.2	71.5	<0.01	0.03	2.0
ZZ81667		1.29	18.8	220	15.6	7.3	<0.001	0.02	0.46	4.1	0.7	0.7	13.1	<0.01	0.03	3.3
ZZ81668		0.30	13.0	670	6.8	4.2	<0.001	0.03	0.51	1.4	0.4	0.2	70.6	<0.01	0.01	0.6
ZZ81669		1.05	23.9	240	19.6	9.3	<0.001	0.02	0.71	5.5	0.4	0.7	13.2	<0.01	0.03	4.1
ZZ81670		1.11	19.2	410	16.8	9.6	<0.001	0.04	0.51	3.7	<0.2	0.6	19.0	<0.01	0.02	2.2
ZZ81671		1.01	21.6	250	18.0	8.1	<0.001	0.02	0.58	4.8	0.5	0.6	13.8	<0.01	0.03	3.6
ZZ81672		0.80	22.2	460	15.6	8.9	<0.001	0.03	0.64	5.9	1.0	0.5	35.0	<0.01	0.03	2.9
ZZ81673		1.08	26.0	140	16.0	9.0	<0.001	0.01	0.60	5.5	0.8	0.6	14.8	<0.01	0.04	5.3
ZZ81674		0.72	21.2	360	18.7	8.9	<0.001	0.02	0.54	4.4	0.5	0.5	31.1	<0.01	0.02	2.3
ZZ81675		0.54	19.4	460	15.2	7.3	<0.001	0.02	0.52	3.4	0.2	0.4	29.0	<0.01	0.02	1.7
ZZ81676		1.11	21.3	320	15.0	7.2	<0.001	0.02	0.48	4.5	0.4	0.6	17.1	<0.01	0.04	2.6
ZZ81677		1.23	16.6	120	14.4	7.7	<0.001	0.01	0.37	2.7	0.5	0.6	11.3	<0.01	0.03	3.5
ZZ81678		0.82	23.0	310	25.8	8.1	0.001	0.02	0.56	6.3	0.6	0.7	28.4	<0.01	0.04	3.7
ZZ81679		0.75	23.7	590	17.6	7.4	<0.001	0.03	0.70	4.1	0.8	0.4	50.7	<0.01	0.02	1.7
ZZ81680		0.49	22.0	900	13.7	7.3	0.001	0.10	0.76	1.9	0.7	0.3	61.9	<0.01	0.04	0.5
ZZ81681		0.30	36.7	1370	7.6	4.6	0.006	0.05	2.20	2.4	2.3	0.3	95.3	<0.01	0.06	1.3
ZZ81682		0.29	38.4	1340	7.4	4.6	0.005	0.05	2.05	2.3	2.2	0.3	104.0	<0.01	0.07	1.5
ZZ81683		0.44	68.2	1370	12.2	6.3	0.006	0.08	3.23	2.9	3.7	0.4	80.9	<0.01	0.12	1.3
ZZ81684		0.46	48.5	1120	9.9	5.7	0.017	0.09	2.42	2.5	4.1	0.3	70.0	<0.01	0.07	1.3
ZZ81685		0.30	46.7	1390	8.3	5.2	0.007	0.06	2.57	2.5	2.5	0.3	98.5	<0.01	0.08	1.5
ZZ81686		0.46	68.3	1510	12.4	7.9	0.016	0.08	4.14	3.6	6.2	0.5	85.8	<0.01	0.10	2.1
ZZ81687		0.37	36.0	1500	11.0	6.5	0.015	0.12	2.98	2.8	4.6	0.4	73.9	<0.01	0.08	1.4
ZZ81688		0.33	84.3	940	22.6	5.6	0.001	0.05	1.07	2.8	1.5	0.2	74.7	<0.01	0.02	1.9
ZZ81689		0.38	75.2	950	22.3	5.6	0.002	0.04	0.97	3.1	1.5	0.2	72.8	<0.01	0.03	2.1
ZZ81690		0.39	92.7	990	26.0	5.9	0.002	0.04	1.37	3.4	1.8	0.3	66.2	<0.01	0.02	2.2

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ81651		0.012	0.10	1.18	30	0.08	11.80	103	1.1
ZZ81652		0.013	0.25	1.92	149	0.13	11.50	231	1.3
ZZ81653		0.006	0.28	2.93	120	0.06	17.35	374	1.6
ZZ81654		<0.005	0.09	2.03	23	<0.05	9.27	144	2.6
ZZ81655		<0.005	0.09	1.48	28	<0.05	9.10	163	2.2
ZZ81656		<0.005	0.15	1.65	44	0.06	12.80	208	2.3
ZZ81657		<0.005	0.14	1.67	37	<0.05	10.90	221	2.3
ZZ81658		0.007	0.17	1.49	30	0.06	10.45	165	2.0
ZZ81659		0.023	0.25	0.93	65	0.21	8.83	105	2.2
ZZ81660		0.014	0.13	2.98	52	0.15	13.05	80	1.2
ZZ81661		0.012	0.06	4.40	32	0.11	5.93	46	0.9
ZZ81662		0.008	0.29	1.24	28	0.06	8.44	95	2.2
ZZ81663		0.005	0.26	0.94	44	0.07	12.00	88	2.9
ZZ81664		0.006	0.19	1.11	27	0.05	8.34	84	2.1
ZZ81665		0.010	0.40	1.28	37	0.09	10.30	115	3.2
ZZ81666		0.011	0.13	0.90	24	0.08	7.67	65	2.0
ZZ81667		0.025	0.19	0.98	68	0.26	7.34	101	1.6
ZZ81668		0.010	0.10	0.96	25	0.07	5.77	49	0.8
ZZ81669		0.018	0.21	1.02	68	0.24	11.55	88	2.6
ZZ81670		0.023	0.15	1.30	63	0.18	8.20	112	1.8
ZZ81671		0.016	0.19	1.03	58	0.19	10.40	75	2.2
ZZ81672		0.015	0.18	1.37	48	0.18	18.05	68	2.3
ZZ81673		0.026	0.15	1.25	55	0.21	11.65	79	3.0
ZZ81674		0.013	0.18	1.17	47	0.13	10.50	102	2.0
ZZ81675		0.011	0.13	0.92	38	0.13	10.10	74	1.6
ZZ81676		0.017	0.14	1.03	56	0.21	11.95	77	1.4
ZZ81677		0.026	0.14	0.51	53	0.19	2.81	64	2.1
ZZ81678		0.010	0.21	0.74	61	0.16	14.40	96	2.3
ZZ81679		0.018	0.11	1.03	39	0.15	13.55	82	1.4
ZZ81680		0.012	0.13	1.47	33	0.07	10.80	90	1.6
ZZ81681		0.009	0.34	2.29	61	0.16	15.00	145	1.8
ZZ81682		0.011	0.45	2.29	57	0.19	13.15	149	1.6
ZZ81683		0.012	0.67	2.80	80	0.14	16.40	238	2.2
ZZ81684		0.013	0.53	3.14	62	0.11	13.50	191	2.4
ZZ81685		0.008	0.53	2.49	64	0.16	15.70	183	1.9
ZZ81686		0.010	0.86	3.19	96	0.15	18.60	285	3.0
ZZ81687		0.009	0.71	4.02	76	0.09	18.80	192	2.9
ZZ81688		0.007	0.20	1.51	31	<0.05	10.60	171	1.8
ZZ81689		0.008	0.20	1.39	31	0.05	10.80	156	2.0
ZZ81690		0.008	0.23	1.58	38	0.07	12.60	198	2.4

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VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81691		0.36	0.003	0.29	0.61	15.6	<0.2	<10	350	0.51	0.13	6.23	1.28	19.40	10.1	29
ZZ81692		0.38	0.004	0.38	0.85	14.8	<0.2	<10	460	0.63	0.18	4.72	1.36	22.4	11.9	35
ZZ81693		0.27	0.004	0.43	0.84	21.8	<0.2	<10	520	0.57	0.17	4.83	1.61	21.1	10.5	34
ZZ81694		0.43	0.003	0.34	0.58	16.7	<0.2	<10	460	0.49	0.14	7.72	1.37	18.75	11.3	35
ZZ81695		0.39	0.002	0.15	1.54	14.2	<0.2	<10	270	0.73	0.23	0.71	0.40	34.8	8.7	30
ZZ81696		0.28	0.003	0.07	0.63	8	<0.2	<10	90	0.49	0.11	11.75	2.47	18.65	5.8	11
ZZ81697		0.35	0.004	1.54	0.92	23.0	<0.2	<10	640	0.74	0.15	1.14	5.49	24.0	9.0	37
ZZ81698		0.40	0.005	1.57	0.73	22.4	<0.2	10	1000	0.62	0.15	3.83	5.04	24.7	8.9	41
ZZ81699		0.36	0.007	0.43	0.68	11.5	<0.2	10	440	0.43	0.13	4.61	2.19	10.10	5.2	19
ZZ81700		0.25	0.002	0.03	1.81	10.5	<0.2	<10	340	0.46	0.23	0.40	0.26	25.1	8.0	28
ZZ81701		0.21	0.003	1.22	0.98	21.9	<0.2	<10	480	0.68	0.16	1.46	1.13	22.9	6.9	26
ZZ81702		0.22	0.007	0.78	0.71	39.3	<0.2	10	800	0.55	0.17	1.72	2.16	19.90	23.4	86
ZZ81703		0.27	0.008	1.55	0.64	36.6	<0.2	10	1750	0.78	0.20	1.73	4.52	27.2	10.7	37
ZZ81704		0.24	0.009	0.73	0.40	13.3	<0.2	<10	1140	0.28	0.08	3.65	0.84	12.90	4.0	20
ZZ81705		0.18	0.007	0.46	0.49	5.4	<0.2	10	1040	0.27	0.08	4.94	2.10	8.31	3.5	12
ZZ81706		0.15	0.004	0.76	0.51	13.9	<0.2	10	410	0.42	0.10	4.07	1.66	13.35	4.6	18
ZZ81707		0.36	0.005	1.24	0.70	24.3	<0.2	<10	740	0.64	0.15	2.52	3.72	27.1	7.7	38
ZZ81708		0.21	0.004	0.90	0.91	66.6	<0.2	10	740	0.72	0.15	2.07	4.13	29.6	7.6	33
ZZ81709		0.17	0.005	0.76	0.75	17.1	<0.2	<10	780	0.42	0.13	3.04	2.02	13.20	5.8	25
ZZ81710		0.18	0.003	0.42	0.69	12.5	<0.2	10	910	0.43	0.11	3.51	3.35	12.65	8.0	16
ZZ81711		0.15	0.007	0.69	0.81	22.0	<0.2	<10	760	0.63	0.16	1.42	1.90	23.6	4.9	34
ZZ81712		0.20	0.007	0.95	0.78	30.6	<0.2	10	1550	0.63	0.16	1.71	3.59	21.2	25.9	31
ZZ81713		0.12	0.005	1.42	0.78	38.9	<0.2	10	860	0.70	0.16	1.85	4.14	22.9	7.3	29
ZZ81721		0.17	0.006	1.12	0.75	32.3	<0.2	10	640	0.66	0.16	1.91	4.97	21.2	13.6	31
ZZ81722		0.17	0.011	0.26	0.19	19.3	<0.2	10	760	0.17	0.04	3.46	1.50	2.40	6.2	4
ZZ81723		0.18	0.004	0.82	1.01	25.4	<0.2	10	580	0.64	0.18	2.21	1.66	20.6	9.1	27
ZZ81724		0.26	0.006	0.88	0.96	20.0	<0.2	10	560	0.70	0.18	2.71	2.63	21.3	9.4	25
ZZ81725		0.15	0.007	0.44	0.46	10.0	<0.2	<10	280	0.29	0.09	2.73	13.25	8.93	4.5	12
ZZ81726		0.28	0.008	0.50	0.84	17.1	<0.2	10	660	0.60	0.13	4.56	0.96	16.50	7.2	22
ZZ81727		0.18	0.004	0.48	1.06	17.0	<0.2	<10	460	0.67	0.18	1.97	1.65	22.6	8.7	23
ZZ81728		0.22	0.007	0.95	0.57	22.5	<0.2	10	660	0.59	0.14	1.78	4.28	20.0	7.1	31
ZZ81729		0.28	0.005	0.59	0.94	21.1	<0.2	10	600	0.72	0.19	2.27	1.64	26.6	15.7	44
ZZ81730		0.34	0.004	0.40	0.71	20.1	<0.2	<10	580	0.58	0.15	4.35	1.60	23.6	12.7	44
ZZ81731		0.17	0.006	0.51	1.04	19.3	<0.2	10	350	0.72	0.20	1.68	1.87	20.9	14.4	31
ZZ81732		0.26	0.004	0.36	0.73	9.4	<0.2	<10	330	0.59	0.14	5.33	1.36	18.25	8.6	26
ZZ81733		0.28	0.003	0.37	0.77	16.8	<0.2	<10	310	0.59	0.15	5.52	0.98	21.0	10.2	24
ZZ81734		0.26	0.003	0.43	0.85	16.9	<0.2	<10	430	0.68	0.17	4.81	1.39	20.9	11.7	31
ZZ81735		0.37	0.003	0.43	0.86	18.1	<0.2	<10	430	0.58	0.17	5.10	1.13	21.1	11.1	27
ZZ81736		0.26	0.003	0.33	0.69	13.9	<0.2	<10	350	0.55	0.14	6.73	1.22	19.70	10.7	30
ZZ81737		0.32	0.002	0.27	0.90	15.1	<0.2	<10	560	0.69	0.13	8.96	1.32	14.55	9.7	16

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81691		1.14	30.0	2.13	1.97	<0.05	0.05	0.14	0.022	0.06	10.0	10.2	4.00	306	2.02	0.01
ZZ81692		1.51	38.4	2.23	2.65	0.05	0.07	0.17	0.023	0.07	11.6	13.1	2.86	308	2.36	0.01
ZZ81693		1.42	35.9	2.37	2.63	0.05	0.06	0.18	0.024	0.07	11.1	13.0	2.97	187	2.18	0.01
ZZ81694		1.41	32.5	2.22	1.89	0.05	0.05	0.17	0.022	0.06	10.2	12.4	3.68	306	2.43	0.01
ZZ81695		1.26	11.3	2.81	4.57	<0.05	0.03	0.05	0.029	0.05	16.9	15.2	0.54	298	1.55	<0.01
ZZ81696		0.40	10.7	1.91	1.70	<0.05	0.03	0.06	0.020	0.04	10.1	8.5	5.25	393	1.13	0.01
ZZ81697		0.84	39.9	2.17	2.95	0.06	0.06	0.21	0.029	0.08	14.1	15.1	0.49	264	5.94	<0.01
ZZ81698		1.11	38.9	2.07	2.56	0.06	0.06	0.31	0.030	0.11	16.0	12.4	1.66	274	5.84	0.01
ZZ81699		0.86	28.7	1.56	1.89	<0.05	0.05	0.24	0.021	0.06	10.4	6.6	0.24	335	1.48	0.01
ZZ81700		1.24	9.5	2.57	5.51	<0.05	0.04	0.02	0.024	0.03	13.2	15.6	0.42	213	1.21	<0.01
ZZ81701		1.01	28.8	2.39	2.50	0.05	0.06	0.23	0.028	0.09	15.5	11.1	0.64	178	4.58	<0.01
ZZ81702		1.50	65.2	2.67	1.95	0.05	0.06	0.42	0.026	0.07	10.5	9.0	2.10	780	2.97	0.01
ZZ81703		2.17	96.1	2.68	1.92	0.05	0.08	0.53	0.034	0.13	16.9	7.7	0.83	640	10.15	<0.01
ZZ81704		0.40	19.9	1.36	1.12	<0.05	0.03	0.10	0.013	0.03	9.0	3.6	0.10	175	3.25	0.01
ZZ81705		0.55	22.2	0.69	1.18	<0.05	0.05	0.18	0.012	0.02	5.9	1.8	0.09	399	0.56	0.01
ZZ81706		0.54	19.3	1.42	1.40	<0.05	0.04	0.14	0.017	0.04	12.7	4.9	0.18	338	1.68	0.01
ZZ81707		1.17	43.3	1.99	2.29	<0.05	0.04	0.26	0.027	0.09	17.9	8.5	0.93	231	5.24	<0.01
ZZ81708		0.74	45.1	3.62	2.81	0.05	0.05	0.17	0.025	0.07	19.0	10.2	0.39	250	7.94	<0.01
ZZ81709		0.62	27.1	1.72	2.29	<0.05	0.03	0.21	0.019	0.05	8.8	8.9	0.40	284	2.61	<0.01
ZZ81710		0.37	29.5	1.78	1.86	<0.05	0.03	0.15	0.015	0.04	7.5	7.3	0.35	1080	2.35	0.01
ZZ81711		1.65	47.9	2.40	2.32	<0.05	0.09	0.30	0.027	0.08	13.9	10.4	0.58	497	2.69	<0.01
ZZ81712		1.80	50.7	4.10	2.21	<0.05	0.07	0.31	0.026	0.08	11.5	9.3	0.50	11800	8.82	<0.01
ZZ81713		1.50	76.7	2.15	2.26	0.05	0.11	0.36	0.029	0.08	14.1	9.4	0.35	494	3.05	0.01
ZZ81721		1.56	71.8	1.49	1.93	<0.05	0.09	0.34	0.027	0.08	13.0	9.0	0.57	111	6.10	<0.01
ZZ81722		0.13	43.1	1.78	0.58	<0.05	0.05	0.09	<0.005	0.01	1.3	0.5	0.13	1040	4.31	0.01
ZZ81723		0.92	37.5	2.49	3.07	<0.05	0.05	0.18	0.031	0.07	12.0	12.7	0.38	373	3.82	0.01
ZZ81724		0.88	42.4	2.17	2.88	<0.05	0.05	0.19	0.025	0.06	12.5	11.7	0.43	291	1.42	0.01
ZZ81725		0.60	12.7	1.10	1.33	<0.05	0.04	0.12	0.013	0.03	5.2	3.0	0.38	236	2.44	0.01
ZZ81726		0.92	33.6	2.16	2.52	<0.05	0.04	0.28	0.023	0.07	10.4	11.2	1.94	267	2.18	<0.01
ZZ81727		0.80	32.6	2.47	3.05	0.05	0.07	0.17	0.027	0.06	12.5	13.1	0.56	202	1.40	<0.01
ZZ81728		1.35	69.7	1.07	1.74	0.05	0.09	0.32	0.023	0.07	11.6	7.7	0.54	47	3.37	<0.01
ZZ81729		1.13	50.0	2.72	2.78	0.05	0.08	0.26	0.028	0.08	14.7	14.1	1.63	503	3.21	<0.01
ZZ81730		1.21	40.9	2.56	2.19	0.05	0.06	0.16	0.023	0.08	13.2	11.8	3.05	415	3.77	<0.01
ZZ81731		1.48	44.4	2.08	2.92	<0.05	0.09	0.22	0.028	0.08	10.9	16.9	0.99	99	6.53	0.01
ZZ81732		1.15	31.3	1.41	2.20	<0.05	0.06	0.19	0.021	0.07	9.6	13.0	3.08	171	1.48	0.01
ZZ81733		1.19	26.7	2.44	2.38	<0.05	0.07	0.16	0.023	0.07	10.7	14.2	3.22	321	2.05	0.01
ZZ81734		1.14	33.7	2.41	2.54	<0.05	0.08	0.20	0.025	0.08	11.2	14.9	2.73	344	2.31	0.01
ZZ81735		1.19	30.9	2.57	2.60	<0.05	0.08	0.19	0.025	0.08	11.0	15.1	2.91	348	2.38	0.01
ZZ81736		1.27	27.7	2.18	2.15	0.05	0.06	0.25	0.021	0.07	10.2	12.5	4.08	284	2.09	0.01
ZZ81737		1.10	27.9	2.16	2.79	<0.05	0.06	0.22	0.026	0.11	8.0	13.1	2.83	315	4.65	0.01

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ81691		0.33	72.1	850	22.3	5.7	0.002	0.03	1.14	3.3	1.5	0.2	73.1	<0.01	0.05	2.3
ZZ81692		0.44	83.9	940	28.3	6.6	0.004	0.08	1.44	3.8	1.6	0.3	61.1	<0.01	0.06	2.5
ZZ81693		0.46	76.1	990	28.9	6.0	0.003	0.07	1.35	3.7	1.9	0.3	63.7	<0.01	0.05	2.7
ZZ81694		0.32	90.1	1030	28.1	5.3	0.003	0.03	1.38	3.2	1.7	0.3	94.8	<0.01	0.03	2.3
ZZ81695		0.89	28.2	370	19.9	9.8	<0.001	0.01	0.79	3.9	0.7	0.6	18.1	<0.01	0.03	3.1
ZZ81696		0.20	11.8	720	17.0	3.6	0.001	0.04	0.60	2.5	0.8	0.2	143.5	<0.01	0.01	0.6
ZZ81697		0.30	88.7	1610	26.7	7.2	0.001	0.03	3.42	3.7	2.5	0.4	62.4	<0.01	0.08	2.2
ZZ81698		0.21	108.0	1850	29.9	8.5	0.003	0.03	4.11	4.0	2.4	0.4	104.5	<0.01	0.08	2.2
ZZ81699		0.27	49.8	1170	13.1	5.8	<0.001	0.16	1.01	0.9	2.9	0.3	50.9	<0.01	0.03	0.3
ZZ81700		1.21	18.9	190	14.4	8.6	<0.001	0.01	0.52	2.9	0.4	0.6	13.4	<0.01	0.03	3.4
ZZ81701		0.31	48.2	1040	18.1	6.9	0.001	0.02	1.84	4.1	1.5	0.4	33.8	<0.01	0.05	2.6
ZZ81702		0.28	258	1070	96.0	7.3	0.007	0.10	2.42	3.4	2.7	0.3	57.6	<0.01	0.07	1.1
ZZ81703		0.23	142.0	1730	128.0	9.9	0.004	0.15	6.22	4.3	3.9	0.4	106.0	<0.01	0.10	1.9
ZZ81704		0.20	29.4	710	10.5	3.0	0.001	0.09	2.05	1.5	2.0	0.3	51.0	<0.01	0.04	0.4
ZZ81705		0.26	16.9	900	9.1	2.9	<0.001	0.17	0.81	1.1	1.4	0.2	58.4	<0.01	0.03	0.2
ZZ81706		0.27	25.3	1230	13.1	3.9	<0.001	0.15	1.15	1.0	1.7	0.3	37.7	<0.01	0.03	0.3
ZZ81707		0.30	72.6	2050	36.4	8.6	0.001	0.05	3.64	3.6	2.0	0.4	66.8	<0.01	0.10	1.6
ZZ81708		0.50	64.5	1650	34.1	7.6	0.002	0.11	3.76	3.6	3.0	0.5	49.3	<0.01	0.08	1.7
ZZ81709		0.39	40.8	950	23.7	6.3	0.002	0.12	2.40	1.6	2.1	0.3	49.6	<0.01	0.05	0.4
ZZ81710		0.38	40.5	1110	13.9	3.5	0.002	0.14	1.77	1.1	1.8	0.3	58.3	<0.01	0.04	0.3
ZZ81711		0.34	64.7	1400	50.8	7.9	0.016	0.14	2.65	3.5	3.1	0.4	59.7	<0.01	0.07	1.6
ZZ81712		0.24	102.5	1590	44.6	9.9	0.012	0.16	2.47	2.9	4.0	0.4	65.9	<0.01	0.07	1.1
ZZ81713		0.28	56.3	1640	43.1	8.9	0.017	0.28	2.39	3.4	5.4	0.4	72.1	<0.01	0.08	1.3
ZZ81721		0.33	87.0	1210	46.0	7.8	0.039	0.58	2.84	3.5	4.2	0.3	60.4	<0.01	0.06	1.4
ZZ81722		0.15	38.4	920	2.9	0.6	0.007	0.42	1.28	0.5	2.4	0.2	85.3	<0.01	0.01	<0.2
ZZ81723		0.54	66.6	960	32.1	8.5	0.003	0.10	2.43	2.5	2.3	0.6	52.5	<0.01	0.07	0.8
ZZ81724		0.56	50.6	1050	25.6	6.8	0.004	0.12	1.78	2.5	3.0	0.5	57.8	<0.01	0.06	0.8
ZZ81725		0.26	18.3	780	14.7	4.2	<0.001	0.15	0.85	1.3	1.3	0.3	43.1	<0.01	0.03	0.4
ZZ81726		0.34	42.3	980	19.0	6.8	<0.001	0.06	1.56	2.4	1.5	0.3	52.1	<0.01	0.03	0.6
ZZ81727		0.57	40.9	940	22.9	7.2	0.006	0.10	1.71	3.3	2.0	0.4	36.8	<0.01	0.05	1.5
ZZ81728		0.29	85.0	1140	51.2	6.4	0.030	0.47	3.51	2.9	4.6	0.3	64.0	<0.01	0.05	1.4
ZZ81729		0.48	110.0	1180	35.1	6.5	0.002	0.04	1.91	4.1	1.9	0.4	44.0	<0.01	0.04	2.4
ZZ81730		0.44	110.5	1170	27.1	6.1	0.003	0.03	1.67	3.5	1.8	0.3	57.4	<0.01	0.03	2.5
ZZ81731		0.46	77.2	900	31.4	6.6	0.012	0.30	1.70	3.9	3.4	0.4	39.9	<0.01	0.04	2.5
ZZ81732		0.38	59.1	830	22.4	5.9	0.005	0.14	1.06	3.2	2.3	0.3	62.4	<0.01	0.03	2.1
ZZ81733		0.36	54.2	870	22.5	6.4	0.002	0.04	1.13	3.5	2.0	0.3	60.8	<0.01	0.03	2.1
ZZ81734		0.39	76.7	990	27.2	6.5	0.003	0.05	1.43	3.5	2.0	0.3	63.9	<0.01	0.02	1.9
ZZ81735		0.38	60.6	950	25.8	6.4	0.003	0.05	1.29	3.4	1.7	0.3	66.4	<0.01	0.03	2.0
ZZ81736		0.37	75.2	820	24.1	6.0	0.002	0.05	1.17	3.3	1.4	0.3	74.4	<0.01	0.03	2.0
ZZ81737		0.32	43.2	780	14.8	8.3	0.001	0.04	1.65	3.6	1.3	0.4	96.8	<0.01	0.04	1.0

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 9-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ81691		0.007	0.22	1.44	29	<0.05	11.90	156	2.3
ZZ81692		0.009	0.27	1.85	40	0.06	12.70	202	2.5
ZZ81693		0.009	0.26	1.47	40	0.08	12.50	217	2.5
ZZ81694		0.008	0.23	1.60	31	0.06	12.15	183	2.3
ZZ81695		0.021	0.21	1.24	93	0.19	10.50	115	1.0
ZZ81696		0.005	0.09	1.46	21	<0.05	11.55	72	0.9
ZZ81697		0.007	0.47	2.76	249	0.13	18.25	560	2.5
ZZ81698		0.006	0.61	3.16	327	0.13	22.0	744	2.8
ZZ81699		0.006	0.25	4.96	32	0.06	20.4	190	1.4
ZZ81700		0.031	0.14	0.63	59	0.26	4.14	51	1.4
ZZ81701		0.008	0.26	1.51	65	0.15	20.1	183	2.4
ZZ81702		0.008	0.20	3.37	49	0.07	11.40	350	2.3
ZZ81703		0.009	0.42	4.09	101	0.12	22.5	550	3.4
ZZ81704		0.006	0.14	3.02	42	0.09	12.90	99	1.2
ZZ81705		0.012	0.14	4.16	37	0.05	9.49	61	1.7
ZZ81706		0.007	0.12	1.54	53	0.05	21.1	153	1.3
ZZ81707		0.009	0.44	2.67	184	0.13	24.0	444	1.7
ZZ81708		0.009	0.28	2.76	173	0.16	22.8	380	1.9
ZZ81709		0.010	0.25	1.94	113	0.09	10.45	292	1.3
ZZ81710		0.008	0.12	3.23	51	0.07	10.65	172	1.2
ZZ81711		0.008	0.37	3.52	86	0.11	16.55	272	3.4
ZZ81712		0.008	0.38	4.39	77	0.14	15.90	360	2.4
ZZ81713		0.006	0.46	5.93	96	0.08	21.1	316	4.3
ZZ81721		0.007	0.42	4.33	79	0.07	19.75	364	3.9
ZZ81722		0.007	0.05	2.58	7	0.05	2.07	125	1.7
ZZ81723		0.010	0.46	2.58	91	0.14	12.90	299	1.7
ZZ81724		0.011	0.32	2.51	73	0.11	14.40	189	2.0
ZZ81725		0.011	0.10	1.12	37	0.06	5.36	141	1.6
ZZ81726		0.008	0.34	1.37	47	0.07	13.20	164	1.4
ZZ81727		0.012	0.28	2.86	51	0.24	13.45	169	2.3
ZZ81728		0.007	0.31	5.92	78	0.09	16.35	315	3.7
ZZ81729		0.011	0.23	1.51	57	0.12	14.70	243	2.7
ZZ81730		0.010	0.20	1.71	45	0.05	13.50	212	2.3
ZZ81731		0.008	0.34	5.00	43	0.07	12.55	236	3.7
ZZ81732		0.009	0.24	3.23	31	0.06	11.15	159	2.4
ZZ81733		0.010	0.26	1.43	31	0.06	11.20	167	2.3
ZZ81734		0.009	0.26	1.48	39	0.08	12.25	207	2.5
ZZ81735		0.009	0.28	1.35	36	0.10	11.75	193	2.5
ZZ81736		0.010	0.25	1.32	32	0.05	10.80	184	1.9
ZZ81737		0.007	0.41	1.71	43	0.13	12.00	156	2.0

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81738		0.30	0.001	0.07	2.02	19.6	<0.2	<10	210	1.32	0.23	0.98	3.21	28.8	12.2	34
ZZ81739		0.21	0.005	0.24	1.52	15.3	<0.2	<10	370	0.96	0.19	2.49	4.96	17.85	9.8	24
ZZ81740		0.28	0.005	0.74	1.13	25.1	<0.2	<10	830	0.74	0.15	2.89	3.25	13.00	5.1	35
ZZ81741		0.16	0.009	0.44	0.48	10.9	<0.2	10	670	0.34	0.08	5.50	2.92	5.85	2.9	11
ZZ81742		0.20	0.007	1.03	1.14	43.1	<0.2	10	430	0.76	0.17	1.87	1.66	20.8	13.9	33
ZZ81743		0.11	0.005	0.08	0.44	6.0	<0.2	<10	210	0.18	0.09	1.67	2.66	5.35	3.1	7
ZZ81744		0.37	0.002	0.24	1.10	12.3	<0.2	<10	180	0.74	0.13	9.58	0.95	15.05	9.5	17
ZZ81745		0.21	0.004	0.31	1.25	12.4	<0.2	<10	350	0.74	0.18	3.71	1.18	21.8	8.9	20
ZZ81746		0.28	0.001	0.14	2.33	10.6	<0.2	<10	270	0.93	0.31	1.18	4.56	29.0	11.5	34
ZZ81747		0.20	0.001	0.25	1.20	15.4	<0.2	<10	180	0.75	0.15	5.06	0.74	18.55	7.5	22
ZZ81748		0.26	0.002	0.24	1.51	16.8	<0.2	<10	260	0.78	0.22	1.09	0.91	25.6	9.5	29
ZZ81749		0.34	0.002	0.20	1.42	19.4	<0.2	<10	200	0.79	0.20	3.14	1.73	23.9	11.0	26
ZZ81750		0.26	0.006	0.21	1.38	18.3	<0.2	<10	210	0.72	0.20	2.62	1.89	22.8	9.7	25
ZZ81751		0.22	0.004	0.62	1.19	18.9	<0.2	<10	330	0.74	0.20	5.43	10.45	25.2	7.9	27
ZZ81752		0.24	0.003	0.29	0.96	10.4	<0.2	<10	510	0.56	0.13	5.92	1.13	16.80	7.3	16
ZZ81753		0.31	0.002	0.14	1.04	16.0	<0.2	<10	310	0.77	0.16	4.91	1.08	18.25	11.4	16
ZZ81754		0.32	0.003	0.14	1.51	14.3	<0.2	<10	350	0.75	0.22	1.86	0.46	36.6	10.7	26
ZZ81755		0.30	0.001	0.12	1.69	12.9	<0.2	<10	460	0.85	0.25	1.01	1.56	24.5	11.3	28
ZZ81756		0.24	0.001	0.03	1.62	11.5	<0.2	<10	250	0.90	0.23	1.02	1.04	35.4	10.1	24
ZZ81757		0.37	0.002	0.24	1.38	13.2	<0.2	<10	350	0.79	0.19	3.88	0.36	23.6	8.5	24
ZZ81758		0.23	0.002	0.08	1.73	13.8	<0.2	<10	460	0.85	0.23	1.20	0.46	27.3	9.8	30
ZZ81759		0.22	<0.001	0.02	2.20	13.3	<0.2	<10	570	1.17	0.27	1.34	0.67	40.2	11.4	29
ZZ81760		0.17	0.003	0.35	0.80	14.7	<0.2	<10	430	0.57	0.15	6.04	1.10	21.3	11.7	29
ZZ81761		0.21	0.002	0.32	0.74	14.7	<0.2	<10	390	0.57	0.15	6.09	1.17	20.2	12.0	30
ZZ81762		0.21	0.003	0.33	0.72	15.4	<0.2	<10	370	0.56	0.14	6.31	1.50	20.3	12.1	30
ZZ75001		0.40	0.004	0.15	1.67	14.0	<0.2	<10	190	0.80	0.25	1.05	1.77	28.3	10.2	29
ZZ75002		0.37	0.001	0.09	1.76	11.5	<0.2	<10	350	0.76	0.22	1.03	0.47	30.7	9.2	28
ZZ75003		0.43	0.002	0.17	1.31	13.5	<0.2	<10	200	0.64	0.21	3.49	0.20	29.0	10.5	24
ZZ75004		0.21	0.002	0.09	1.33	13.2	<0.2	<10	140	0.74	0.15	5.34	0.76	20.4	7.5	20
ZZ75005		0.19	0.001	0.07	1.53	11.9	<0.2	<10	150	0.74	0.22	2.56	0.76	26.5	7.4	22
ZZ75006		0.37	0.001	0.08	0.72	15	<0.2	<10	100	0.38	0.11	13.25	0.53	11.90	5.1	11
ZZ75007		0.41	0.002	0.15	0.94	18	<0.2	<10	130	0.47	0.13	11.20	0.82	16.75	7.3	16
ZZ75008		0.19	0.003	0.05	0.63	13.6	<0.2	10	90	0.30	0.13	6.22	1.84	10.20	4.8	10
ZZ75009		0.23	0.002	0.06	1.99	15.1	<0.2	<10	210	0.96	0.28	0.70	0.70	37.2	11.9	35
ZZ75010		0.34	0.003	0.13	1.09	12.4	<0.2	<10	150	0.61	0.15	5.56	0.75	19.75	7.9	17
ZZ75011		0.26	0.001	0.10	1.83	21.6	<0.2	<10	300	0.93	0.26	2.67	2.16	26.2	9.8	26
ZZ75012		0.22	0.002	0.15	1.58	16.1	<0.2	<10	290	0.91	0.22	1.84	0.79	24.4	9.2	25
ZZ75013		0.18	0.002	0.13	1.25	11.7	<0.2	<10	330	0.66	0.16	4.75	1.16	17.15	7.5	18
ZZ75014		0.35	0.003	0.24	1.41	13.3	<0.2	<10	350	0.90	0.21	2.62	0.50	27.3	10.5	25
ZZ75015		0.33	0.002	0.16	1.18	12.2	<0.2	<10	200	0.68	0.15	5.65	0.53	20.4	9.2	18

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ81738		1.17	17.9	3.18	6.12	0.05	0.09	0.07	0.045	0.09	14.4	17.9	0.63	287	4.70	0.01
ZZ81739		0.87	23.3	2.58	4.55	<0.05	0.07	0.11	0.036	0.09	10.3	14.3	0.93	383	3.18	0.01
ZZ81740		0.57	15.3	1.72	3.63	<0.05	0.06	0.82	0.028	0.06	8.1	7.9	0.94	105	7.93	0.01
ZZ81741		0.45	18.4	0.80	1.44	<0.05	0.05	0.47	0.013	0.04	3.4	4.0	1.24	101	2.41	0.01
ZZ81742		1.08	34.0	2.58	3.69	0.07	0.10	0.79	0.032	0.10	12.5	13.1	0.72	203	8.16	0.01
ZZ81743		0.78	11.1	0.80	1.59	<0.05	0.03	0.12	0.012	0.06	2.6	4.2	0.22	64	0.99	0.01
ZZ81744		0.86	21.3	2.14	2.97	<0.05	0.09	0.14	0.025	0.11	8.0	12.5	3.00	331	2.26	0.01
ZZ81745		0.65	27.0	2.03	3.92	<0.05	0.04	0.17	0.026	0.04	12.5	11.8	1.16	511	1.27	0.01
ZZ81746		1.49	14.7	3.22	7.88	0.05	0.05	0.03	0.053	0.04	19.2	14.3	0.51	714	1.69	0.01
ZZ81747		0.69	11.7	2.15	3.69	<0.05	0.07	2.03	0.030	0.04	10.8	11.6	2.56	288	2.92	0.01
ZZ81748		0.80	13.5	2.56	4.79	<0.05	0.05	0.11	0.031	0.05	13.0	15.6	0.65	316	1.98	0.01
ZZ81749		0.89	15.1	2.34	4.40	<0.05	0.04	0.13	0.027	0.05	13.4	12.6	1.48	375	1.71	0.01
ZZ81750		0.85	17.9	2.33	4.21	<0.05	0.04	0.15	0.027	0.05	12.8	12.3	0.99	402	1.79	0.01
ZZ81751		0.72	20.5	2.20	3.49	0.05	0.06	0.36	0.034	0.06	15.0	9.8	2.08	333	7.16	0.01
ZZ81752		0.61	25.7	1.73	2.67	<0.05	0.03	0.20	0.021	0.04	9.0	9.1	2.68	350	1.24	0.01
ZZ81753		1.14	23.1	2.44	3.08	<0.05	0.05	0.07	0.029	0.08	8.4	13.7	2.57	440	1.51	0.01
ZZ81754		1.11	13.1	2.63	4.82	<0.05	0.05	0.05	0.030	0.05	14.9	16.3	1.27	394	1.45	0.01
ZZ81755		1.06	18.1	2.92	5.47	<0.05	0.05	0.06	0.039	0.07	11.9	16.8	0.54	767	1.56	0.01
ZZ81756		0.71	10.9	3.44	5.00	0.05	0.08	0.03	0.039	0.07	14.3	15.7	0.58	633	1.56	<0.01
ZZ81757		0.76	19.6	2.51	4.29	0.05	0.06	0.11	0.032	0.06	14.5	16.5	1.91	278	1.36	0.01
ZZ81758		0.83	15.2	3.03	5.42	0.05	0.07	0.05	0.036	0.07	15.5	17.4	0.71	344	1.49	0.01
ZZ81759		0.70	8.5	3.75	6.63	0.06	0.11	0.03	0.050	0.06	18.2	19.9	0.84	887	1.55	0.01
ZZ81760		1.48	29.7	2.26	2.55	0.05	0.07	0.17	0.026	0.08	11.5	14.6	3.25	444	2.56	0.01
ZZ81761		1.28	30.7	2.25	2.39	0.05	0.07	0.21	0.025	0.07	10.8	14.6	3.55	346	2.57	0.01
ZZ81762		1.35	30.7	2.27	2.32	0.05	0.07	0.15	0.024	0.07	11.0	13.8	3.98	418	2.43	0.01
ZZ75001		1.12	14.4	2.73	5.46	0.05	0.04	0.11	0.033	0.05	15.6	15.0	0.69	399	1.25	0.01
ZZ75002		1.16	10.0	2.69	5.67	0.05	0.06	0.06	0.033	0.04	15.5	16.8	0.69	355	1.24	0.01
ZZ75003		0.94	14.3	2.45	4.35	0.05	0.04	0.09	0.025	0.05	14.7	14.8	2.04	390	1.32	0.01
ZZ75004		0.82	10.8	2.24	3.80	<0.05	0.06	0.10	0.027	0.06	11.5	13.6	2.65	262	1.42	0.01
ZZ75005		1.09	8.0	2.17	4.55	<0.05	0.06	0.06	0.030	0.05	12.1	14.8	1.17	345	1.04	0.01
ZZ75006		0.72	10.0	1.23	1.99	<0.05	0.06	0.04	0.016	0.06	6.1	7.0	7.27	252	2.02	0.02
ZZ75007		0.67	15.0	1.59	2.68	<0.05	0.03	0.12	0.019	0.06	8.5	9.5	4.46	405	1.85	0.02
ZZ75008		0.54	13.5	0.98	1.58	<0.05	0.05	0.15	0.019	0.05	5.3	4.6	2.52	299	1.49	0.02
ZZ75009		1.18	12.5	3.07	6.38	0.05	0.08	0.04	0.038	0.06	18.1	16.9	0.78	530	1.24	0.01
ZZ75010		0.75	12.5	2.02	3.17	<0.05	0.06	0.08	0.025	0.06	10.6	11.2	3.08	350	1.64	0.02
ZZ75011		1.21	16.7	2.70	6.15	<0.05	0.06	0.05	0.036	0.07	14.3	13.1	1.25	564	2.97	0.02
ZZ75012		1.16	16.9	2.55	5.34	<0.05	0.06	0.06	0.031	0.06	13.7	16.7	0.93	357	1.77	0.02
ZZ75013		0.73	16.3	1.92	3.91	<0.05	0.05	0.10	0.027	0.05	11.8	10.7	1.95	495	1.38	0.02
ZZ75014		0.90	22.9	2.45	4.50	<0.05	0.05	0.11	0.029	0.07	14.9	18.1	1.43	378	1.26	0.02
ZZ75015		0.80	15.9	2.06	3.70	<0.05	0.05	0.11	0.025	0.06	11.9	13.4	3.28	419	1.27	0.02

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81738		0.60	44.0	330	23.3	8.7	<0.001	0.02	1.53	6.3	0.9	0.8	21.2	<0.01	0.05	2.9
ZZ81739		0.46	33.0	630	18.6	9.1	<0.001	0.05	1.34	3.8	1.0	0.6	32.0	<0.01	0.04	1.1
ZZ81740		0.43	35.2	610	11.0	5.4	0.001	0.07	2.74	2.9	2.5	0.6	42.5	<0.01	0.07	0.8
ZZ81741		0.25	19.0	900	5.5	3.7	0.002	0.17	1.55	0.9	2.0	0.3	54.1	<0.01	0.04	0.2
ZZ81742		0.58	123.0	1410	12.5	10.3	0.003	0.05	2.98	3.9	2.4	0.5	53.2	<0.01	0.07	1.8
ZZ81743		0.32	9.3	530	6.2	6.7	<0.001	0.12	0.52	1.4	0.7	0.3	25.4	<0.01	0.03	0.4
ZZ81744		0.31	29.1	810	15.6	10.0	0.001	0.04	0.90	3.6	0.8	0.4	77.6	<0.01	0.03	1.2
ZZ81745		0.63	26.7	1160	12.6	5.3	<0.001	0.08	0.80	2.0	1.6	0.4	39.1	0.01	0.06	0.5
ZZ81746		1.58	39.5	290	19.9	8.9	<0.001	0.02	0.67	4.8	0.5	1.1	19.1	0.01	0.03	3.2
ZZ81747		0.53	27.5	710	13.3	5.9	0.001	0.03	1.03	3.6	1.0	0.4	43.5	<0.01	0.04	1.3
ZZ81748		0.84	29.7	460	15.4	7.6	<0.001	0.02	0.87	4.0	0.9	0.6	19.6	<0.01	0.04	1.9
ZZ81749		0.78	38.2	810	12.9	9.3	<0.001	0.05	0.91	2.7	1.0	0.5	29.9	<0.01	0.04	0.8
ZZ81750		0.83	33.8	820	14.8	9.4	<0.001	0.06	1.00	2.6	1.0	0.5	27.4	0.01	0.03	0.8
ZZ81751		0.53	34.5	970	15.8	9.1	0.001	0.07	2.15	3.6	2.6	0.6	60.8	<0.01	0.05	0.8
ZZ81752		0.47	23.2	1220	11.0	5.2	0.001	0.08	0.80	1.4	1.5	0.3	56.3	<0.01	0.04	0.3
ZZ81753		0.33	23.3	670	26.1	8.5	0.001	0.04	0.97	3.4	0.7	0.4	44.0	<0.01	0.03	0.9
ZZ81754		0.88	25.6	420	15.1	8.2	<0.001	0.02	0.69	4.0	0.6	0.5	23.4	<0.01	0.04	2.4
ZZ81755		0.76	24.2	430	22.5	10.7	<0.001	0.03	0.79	4.0	0.6	0.6	20.5	<0.01	0.04	1.7
ZZ81756		0.64	20.7	230	29.4	9.1	<0.001	0.01	0.68	5.2	0.5	0.6	21.3	<0.01	0.04	3.5
ZZ81757		0.65	26.0	870	16.5	7.6	<0.001	0.04	0.78	4.0	0.9	0.5	59.6	<0.01	0.04	1.2
ZZ81758		1.00	25.9	370	19.7	8.9	<0.001	0.02	0.75	5.4	0.6	0.6	29.9	<0.01	0.04	3.1
ZZ81759		0.60	22.1	220	33.9	6.6	<0.001	0.02	0.62	7.1	0.5	0.8	25.3	<0.01	0.04	3.9
ZZ81760		0.43	65.5	930	23.3	7.8	0.002	0.05	1.21	3.9	1.7	0.3	76.9	<0.01	0.04	2.2
ZZ81761		0.39	69.6	920	23.0	6.7	0.003	0.04	1.20	3.7	1.7	0.3	82.6	<0.01	0.04	1.9
ZZ81762		0.43	71.3	850	24.7	7.4	0.003	0.05	1.23	3.9	1.7	0.3	77.5	<0.01	0.04	2.0
ZZ75001		0.89	26.7	550	14.9	10.0	<0.001	0.03	0.69	3.6	0.6	0.6	18.8	<0.01	0.04	1.5
ZZ75002		0.87	21.9	420	15.2	9.7	<0.001	0.02	0.43	4.2	0.5	0.6	18.2	<0.01	0.04	2.2
ZZ75003		0.83	25.1	530	13.1	8.4	<0.001	0.01	0.69	3.7	0.5	0.5	37.8	<0.01	0.03	1.9
ZZ75004		0.50	22.8	630	15.2	10.2	<0.001	0.04	0.63	3.5	0.6	0.4	41.7	<0.01	0.03	1.2
ZZ75005		0.98	18.8	300	16.1	10.3	<0.001	0.04	0.52	3.6	0.6	0.6	26.3	0.01	0.04	2.3
ZZ75006		0.31	15.3	670	8.8	7.4	0.001	0.05	0.69	1.6	0.6	0.2	83.9	<0.01	0.03	0.6
ZZ75007		0.40	20.0	830	10.0	7.2	0.001	0.06	0.74	1.4	0.8	0.3	77.5	<0.01	0.03	0.4
ZZ75008		0.48	11.4	730	8.0	7.1	0.001	0.13	0.62	1.4	1.0	0.2	47.2	<0.01	0.03	0.3
ZZ75009		1.32	28.5	180	17.2	10.9	<0.001	0.01	0.69	6.0	0.5	0.7	16.0	<0.01	0.03	5.2
ZZ75010		0.50	20.9	680	16.3	8.2	<0.001	0.04	0.78	3.3	0.7	0.4	51.2	<0.01	0.03	1.1
ZZ75011		1.00	27.6	580	21.7	10.6	<0.001	0.04	0.76	4.0	0.7	0.6	27.9	0.01	0.04	1.4
ZZ75012		1.02	25.1	420	17.0	9.8	<0.001	0.03	0.73	3.9	0.7	0.6	24.1	<0.01	0.04	1.9
ZZ75013		0.70	19.3	800	13.3	6.2	<0.001	0.08	0.69	2.4	0.9	0.4	39.7	<0.01	0.04	0.6
ZZ75014		0.81	27.6	640	16.0	9.3	<0.001	0.03	0.77	3.5	0.8	0.5	28.7	<0.01	0.05	1.6
ZZ75015		0.59	21.7	570	14.8	8.4	<0.001	0.02	0.63	3.5	0.6	0.4	50.1	<0.01	0.03	1.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ81738		0.006	0.40	1.18	94	0.16	14.30	175	2.7
ZZ81739		0.007	0.27	1.43	70	0.14	12.10	176	2.2
ZZ81740		0.006	0.49	1.36	165	0.23	10.65	142	1.9
ZZ81741		0.006	0.24	5.29	43	0.14	5.30	86	2.0
ZZ81742		0.015	1.25	5.02	92	0.36	16.20	481	3.1
ZZ81743		0.013	0.07	0.56	19	0.07	1.73	129	1.3
ZZ81744		0.005	0.24	1.12	34	0.10	11.75	90	2.8
ZZ81745		0.015	0.09	2.95	42	0.27	12.85	81	1.2
ZZ81746		0.041	0.20	0.98	87	0.26	14.70	336	1.9
ZZ81747		0.009	0.23	1.43	64	0.17	13.60	102	2.1
ZZ81748		0.020	0.19	1.17	69	0.21	9.62	136	1.2
ZZ81749		0.020	0.21	1.81	59	0.19	13.30	180	1.0
ZZ81750		0.020	0.18	1.93	60	0.20	11.85	162	1.2
ZZ81751		0.010	0.42	1.68	83	0.18	20.0	147	1.5
ZZ81752		0.012	0.09	3.16	35	0.14	9.68	68	1.0
ZZ81753		0.007	0.17	1.41	29	0.15	8.84	112	1.5
ZZ81754		0.023	0.15	1.45	50	0.25	8.78	81	1.3
ZZ81755		0.016	0.15	1.98	56	0.18	7.07	165	1.5
ZZ81756		0.009	0.18	0.86	53	0.12	10.15	133	2.6
ZZ81757		0.015	0.13	1.03	43	0.17	15.75	92	1.8
ZZ81758		0.018	0.18	0.80	58	0.24	11.95	131	2.2
ZZ81759		0.005	0.20	0.64	65	0.09	16.10	91	3.9
ZZ81760		0.010	0.28	1.49	37	0.09	12.10	186	2.3
ZZ81761		0.008	0.25	1.42	36	0.09	12.60	184	2.4
ZZ81762		0.009	0.27	1.39	34	0.07	12.50	200	2.4
ZZ75001		0.027	0.15	1.76	56	0.18	10.10	112	1.0
ZZ75002		0.018	0.16	1.73	56	0.27	11.75	62	1.4
ZZ75003		0.027	0.14	0.97	43	0.36	10.40	77	1.0
ZZ75004		0.009	0.19	1.33	43	0.20	11.40	99	1.7
ZZ75005		0.016	0.21	1.31	56	0.23	7.37	88	2.1
ZZ75006		0.009	0.25	1.25	27	0.08	5.69	76	1.8
ZZ75007		0.013	0.17	1.00	36	0.14	7.57	79	0.9
ZZ75008		0.021	0.10	2.18	22	0.08	4.56	70	2.1
ZZ75009		0.031	0.18	0.98	67	0.26	11.00	137	2.8
ZZ75010		0.012	0.18	1.07	37	0.14	10.95	93	1.5
ZZ75011		0.018	0.28	1.27	61	0.15	11.70	160	1.8
ZZ75012		0.019	0.27	1.08	51	0.21	10.70	93	1.8
ZZ75013		0.014	0.14	2.55	38	0.15	11.40	72	1.5
ZZ75014		0.021	0.14	1.34	45	0.23	11.40	91	1.5
ZZ75015		0.013	0.14	1.32	37	0.20	10.90	79	1.4

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description / Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ75016	0.36	0.003	0.23	1.36	9.5	<0.2	<10	330	0.57	0.19	0.96	0.33	26.0	9.6	24
ZZ75017	0.30	0.001	0.10	2.11	16.7	<0.2	<10	360	0.97	0.24	0.77	0.26	36.3	12.2	33
ZZ75018	0.40	0.003	0.17	1.03	12	<0.2	<10	390	0.68	0.13	10.65	0.41	17.35	9.1	17
ZZ75019	0.32	0.002	0.22	1.27	16.7	<0.2	<10	260	0.78	0.19	4.42	0.25	24.1	10.7	21
ZZ75020	0.22	0.001	0.03	1.75	15.6	<0.2	<10	220	0.73	0.23	1.02	0.66	26.0	7.8	29
ZZ75021	0.30	0.001	0.05	1.69	13.2	<0.2	<10	230	0.86	0.22	1.17	0.80	29.1	10.5	27
ZZ75022	0.41	0.001	0.02	2.01	11.6	<0.2	<10	340	0.90	0.23	0.55	0.90	32.4	9.3	29
ZZ75023	0.16	0.003	0.14	1.07	7.4	<0.2	<10	610	0.40	0.16	2.58	0.72	14.05	7.2	20
ZZ75024	0.68	0.001	0.30	0.86	12.4	<0.2	<10	310	0.61	0.15	9.47	0.90	18.60	10.0	17
ZZ75025	0.15	0.004	0.19	0.73	5.6	<0.2	<10	390	0.56	0.11	5.09	1.02	14.90	5.9	14
ZZ75026	0.33	0.002	0.26	1.41	9.7	<0.2	<10	320	0.98	0.16	5.16	0.49	25.2	7.1	23
ZZ75027	0.30	0.003	0.30	0.68	15.5	<0.2	<10	430	0.52	0.13	5.76	0.98	19.45	11.5	37
ZZ75028	0.30	0.003	0.33	0.59	11.3	<0.2	<10	320	0.42	0.18	2.46	1.62	18.85	12.2	18
ZZ75029	0.17	0.005	0.60	1.17	15.1	<0.2	<10	750	0.64	0.17	3.66	1.54	18.45	8.8	27
ZZ75030	0.17	0.008	1.00	0.69	24.8	<0.2	<10	990	0.60	0.14	0.97	5.34	21.5	9.3	31
ZZ75031	0.15	0.006	0.66	0.63	27.1	<0.2	<10	1290	0.41	0.12	1.27	2.66	19.25	6.8	24
ZZ75032	0.13	0.004	0.98	0.70	13.2	<0.2	<10	1340	0.56	0.13	2.32	3.45	18.35	7.6	27
ZZ75033	0.23	0.007	1.08	0.96	72.0	<0.2	<10	1600	0.71	0.19	0.86	4.23	30.7	26.7	35
ZZ75034	0.22	0.008	0.90	0.79	37.1	<0.2	<10	1350	0.43	0.19	0.64	1.53	27.5	8.4	28
ZZ75035	0.08	0.008	0.67	0.58	20.9	<0.2	<10	1910	0.35	0.16	1.56	2.28	21.5	30.9	13
ZZ75036	0.29	0.006	0.70	0.96	42.4	<0.2	<10	570	0.51	0.22	0.45	1.34	33.0	9.0	18
ZZ75037	0.14	0.008	0.51	0.18	2.0	<0.2	<10	290	0.13	0.08	1.06	1.20	11.10	4.7	3
ZZ75038	0.08	0.002	2.46	0.57	5.7	<0.2	<10	680	0.32	0.14	1.15	1.50	14.90	1.8	44
ZZ75039	0.16	NSS	0.18	0.12	0.8	<0.2	<10	130	0.07	0.04	0.85	0.37	2.49	1.1	3
ZZ75040	0.15	0.014	2.05	1.23	39.7	<0.2	<10	840	0.85	0.22	1.00	7.73	51.9	38.6	20
ZZ75041	0.20	0.012	1.87	1.00	62.0	<0.2	<10	830	0.82	0.18	1.26	8.20	64.0	53.8	14
ZZ75042	0.17	0.010	1.14	1.08	12.7	<0.2	<10	520	0.41	0.20	0.45	1.80	39.2	37.1	20
ZZ75043	0.41	0.002	0.12	1.89	12.9	<0.2	<10	240	0.99	0.24	2.78	0.42	33.8	11.2	30
ZZ75044	0.24	0.001	0.08	1.77	11.6	<0.2	<10	240	0.90	0.21	3.80	0.50	26.1	12.5	24
ZZ75045	0.21	0.002	0.04	1.55	10.3	<0.2	<10	180	0.72	0.20	2.97	0.44	23.5	8.4	23
ZZ75046	0.21	<0.001	0.08	1.47	12.6	<0.2	<10	400	0.81	0.20	3.11	1.95	27.6	9.0	23
ZZ75047	0.16	0.004	0.18	0.33	3.1	<0.2	10	760	0.26	0.05	5.93	1.86	5.50	6.3	6
ZZ75048	0.20	0.002	0.35	1.58	19.5	<0.2	<10	370	1.15	0.17	3.41	0.96	25.9	8.3	29
ZZ75049	0.26	0.002	0.07	1.72	15.0	<0.2	<10	190	0.98	0.17	2.19	1.57	30.7	9.9	24
ZZ75050	0.40	0.004	0.06	0.39	5	<0.2	<10	60	0.28	0.07	15.35	0.33	9.67	5.2	7
ZZ75051	0.22	0.004	0.43	1.43	11.2	<0.2	<10	400	0.95	0.20	2.00	0.58	25.7	11.3	21
ZZ75052	0.38	0.001	0.10	1.45	11.6	<0.2	<10	280	0.88	0.17	0.40	0.29	26.8	9.4	24
ZZ75053	0.47	0.002	0.12	0.97	12.1	<0.2	<10	190	0.67	0.14	9.22	0.47	17.05	8.5	15
ZZ75054	0.27	0.002	0.12	1.40	15.0	<0.2	<10	220	0.75	0.20	3.33	0.89	26.1	6.9	21
ZZ75055	0.17	0.003	0.13	1.42	20.7	<0.2	10	300	0.60	0.17	6.77	1.33	17.05	6.6	17

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75016		0.97	15.6	2.12	4.35	<0.05	0.06	0.08	0.025	0.05	12.8	16.4	0.47	354	1.77	0.02
ZZ75017		1.43	13.5	3.04	6.10	0.05	0.10	0.04	0.037	0.09	17.9	18.8	0.74	386	1.39	0.01
ZZ75018		1.00	20.1	2.09	3.11	<0.05	0.07	0.18	0.023	0.12	9.5	14.6	3.51	295	1.41	0.02
ZZ75019		0.89	23.0	2.44	3.99	<0.05	0.08	0.11	0.027	0.09	13.8	16.5	2.56	307	1.41	0.02
ZZ75020		0.92	7.5	2.56	5.59	<0.05	0.05	0.02	0.031	0.06	12.0	14.6	0.75	325	1.06	0.01
ZZ75021		0.86	11.8	2.93	5.51	<0.05	0.07	0.06	0.035	0.07	12.9	16.6	0.78	529	1.79	0.01
ZZ75022		0.93	8.7	3.13	6.39	<0.05	0.07	0.02	0.040	0.05	16.9	17.4	0.50	452	1.27	0.01
ZZ75023		0.70	17.2	1.63	3.57	<0.05	0.06	0.10	0.023	0.07	7.5	12.4	0.44	723	0.44	0.02
ZZ75024		0.99	28.1	2.18	2.67	<0.05	0.06	0.15	0.024	0.09	10.4	15.9	2.89	396	2.00	0.02
ZZ75025		0.47	27.2	1.40	2.32	<0.05	0.06	0.15	0.017	0.05	8.6	9.9	1.15	208	0.54	0.02
ZZ75026		0.75	17.4	2.21	4.19	0.05	0.07	0.09	0.033	0.05	17.5	11.5	2.49	512	1.26	0.01
ZZ75027		1.41	27.8	2.19	2.33	0.06	0.06	0.17	0.023	0.08	11.3	13.9	3.87	218	3.08	0.02
ZZ75028		0.70	22.4	1.76	1.73	<0.05	0.05	0.14	0.024	0.05	14.6	8.0	0.34	407	2.05	0.01
ZZ75029		0.75	33.0	1.91	3.62	0.05	0.05	0.21	0.023	0.04	14.9	11.6	0.32	659	1.43	0.02
ZZ75030		1.01	57.0	1.87	2.12	<0.05	0.06	0.40	0.025	0.09	14.3	7.4	0.19	375	3.74	0.02
ZZ75031		0.73	36.3	1.92	2.01	<0.05	0.05	0.33	0.024	0.08	12.4	6.1	0.16	342	1.92	0.02
ZZ75032		0.83	55.7	1.13	2.02	<0.05	0.06	0.40	0.024	0.08	13.2	7.2	0.25	493	0.77	0.02
ZZ75033		1.38	50.1	3.66	3.08	0.06	0.05	0.41	0.037	0.10	18.8	12.5	0.25	1580	8.81	<0.01
ZZ75034		1.41	45.4	2.87	2.74	0.06	0.05	0.39	0.031	0.10	16.4	9.9	0.24	434	9.40	0.02
ZZ75035		0.89	49.1	2.64	1.86	0.05	0.04	0.25	0.021	0.07	12.9	6.8	0.24	4530	9.18	<0.01
ZZ75036		1.21	45.8	2.75	3.17	0.05	0.06	0.25	0.029	0.11	19.6	13.0	0.27	482	6.63	0.01
ZZ75037		0.19	32.3	0.68	0.33	<0.05	0.02	0.19	0.013	0.02	6.1	0.3	0.07	145	2.10	0.02
ZZ75038		0.53	40.1	0.80	2.06	<0.05	0.05	0.42	0.021	0.07	10.0	6.9	0.36	56	1.31	0.01
ZZ75039		0.15	12.6	0.29	0.24	<0.05	0.02	0.09	<0.005	0.03	1.3	0.2	0.08	62	0.57	0.02
ZZ75040		3.76	149.0	3.22	2.72	0.09	0.10	0.43	0.043	0.12	27.8	13.4	0.39	4150	5.62	0.02
ZZ75041		0.86	168.5	5.95	1.73	0.15	0.19	0.60	0.045	0.03	33.5	3.8	0.15	5650	15.25	0.02
ZZ75042		3.66	73.5	2.27	3.14	0.06	0.07	0.31	0.034	0.13	20.6	14.2	0.40	1730	4.12	0.01
ZZ75043		0.87	15.2	3.17	5.76	0.05	0.08	0.06	0.039	0.06	20.3	16.5	1.47	587	1.29	0.02
ZZ75044		0.62	16.8	3.09	5.21	0.05	0.08	0.06	0.035	0.05	12.6	18.7	1.47	714	1.24	0.02
ZZ75045		0.85	9.2	2.60	4.97	0.05	0.05	0.03	0.032	0.04	13.8	13.7	1.48	377	1.31	0.01
ZZ75046		0.71	12.0	2.65	4.22	<0.05	0.05	0.05	0.035	0.05	14.6	13.1	1.24	598	1.46	0.01
ZZ75047		0.23	23.2	0.98	0.98	<0.05	0.04	0.18	0.007	0.02	3.3	2.7	0.58	442	0.58	<0.01
ZZ75048		0.61	14.5	2.88	4.34	<0.05	0.07	0.20	0.033	0.05	11.9	15.5	1.76	375	4.18	<0.01
ZZ75049		0.77	10.4	3.14	4.27	<0.05	0.06	0.05	0.033	0.03	15.1	17.9	1.23	263	1.43	<0.01
ZZ75050		0.36	11.8	1.40	1.18	<0.05	0.04	0.04	0.011	0.03	4.7	8.4	4.76	278	0.68	<0.01
ZZ75051		0.81	22.9	2.27	4.10	<0.05	0.04	0.14	0.023	0.05	11.7	11.9	0.65	881	1.01	<0.01
ZZ75052		0.76	10.1	2.63	4.37	<0.05	0.07	0.05	0.029	0.08	12.5	13.3	0.46	461	0.91	<0.01
ZZ75053		0.93	18.7	2.18	2.96	0.05	0.07	0.11	0.022	0.10	7.7	12.8	3.59	310	1.03	<0.01
ZZ75054		0.70	11.8	2.31	3.90	<0.05	0.05	0.09	0.026	0.06	10.6	13.3	2.01	231	1.32	<0.01
ZZ75055		1.01	16.2	1.86	3.44	<0.05	0.03	0.12	0.026	0.04	7.6	8.9	4.21	469	1.80	<0.01

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1016-510 W HASTINGS ST
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Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ75016		0.89	23.4	880	12.5	8.1	<0.001	0.04	0.52	3.0	0.6	0.4	22.2	<0.01	0.03	2.0
ZZ75017		0.96	28.8	180	20.3	12.9	<0.001	0.01	0.64	6.3	0.5	0.7	16.5	<0.01	0.04	5.5
ZZ75018		0.41	23.0	480	16.4	10.0	<0.001	0.01	0.67	4.2	0.6	0.3	130.5	<0.01	0.03	2.2
ZZ75019		0.70	28.3	630	19.3	9.7	<0.001	0.02	0.83	4.7	0.7	0.4	41.7	<0.01	0.04	2.5
ZZ75020		1.25	21.0	200	14.7	15.4	<0.001	0.01	0.75	3.4	0.4	0.6	14.4	<0.01	0.04	3.0
ZZ75021		0.87	22.0	340	22.4	9.6	<0.001	0.02	0.76	4.5	0.5	0.6	18.3	<0.01	0.04	2.4
ZZ75022		1.04	20.6	190	21.3	8.5	<0.001	0.01	0.60	5.4	0.4	0.7	17.8	<0.01	0.04	4.1
ZZ75023		0.87	17.1	720	10.8	9.5	<0.001	0.09	0.53	2.6	1.0	0.4	50.9	<0.01	0.04	1.0
ZZ75024		0.38	32.0	680	16.2	7.3	0.001	0.02	1.09	4.1	1.0	0.3	149.0	<0.01	0.04	2.0
ZZ75025		0.40	20.9	840	10.3	5.7	<0.001	0.12	0.78	1.7	1.7	0.3	77.0	<0.01	0.04	0.4
ZZ75026		0.53	18.8	980	18.3	6.6	<0.001	0.05	0.66	3.7	1.2	0.4	54.8	0.01	0.05	0.8
ZZ75027		0.51	77.5	940	21.8	7.6	0.004	0.05	1.08	3.4	4.0	0.3	66.3	<0.01	0.04	2.0
ZZ75028		0.37	51.7	710	16.5	5.1	0.004	0.07	0.88	3.7	1.9	0.3	41.0	<0.01	0.11	1.5
ZZ75029		0.81	50.0	1030	15.4	6.1	0.001	0.08	1.31	2.1	2.3	0.4	46.0	0.01	0.06	0.5
ZZ75030		0.30	47.0	1510	82.0	9.1	0.005	0.09	6.02	3.5	3.0	0.4	56.7	<0.01	0.09	1.7
ZZ75031		0.26	39.3	1190	63.0	7.0	0.002	0.10	2.85	2.9	2.2	0.3	55.6	<0.01	0.05	1.1
ZZ75032		0.30	69.3	1250	80.2	9.2	0.004	0.10	2.30	2.5	2.7	0.3	66.6	<0.01	0.08	0.7
ZZ75033		0.40	42.2	1570	133.5	11.7	0.002	0.06	4.51	4.2	2.8	0.4	49.0	<0.01	0.11	2.2
ZZ75034		0.47	28.5	1780	87.6	11.9	0.002	0.07	3.01	3.2	2.1	0.4	51.0	<0.01	0.09	2.0
ZZ75035		0.36	37.7	1470	36.4	8.9	0.001	0.11	2.09	2.7	2.1	0.3	87.7	<0.01	0.07	1.3
ZZ75036		0.46	25.7	1590	57.1	12.8	0.001	0.04	1.71	3.3	1.7	0.4	30.3	<0.01	0.09	2.6
ZZ75037		0.11	16.4	830	12.0	0.8	<0.001	0.16	1.09	1.6	2.0	<0.2	48.9	<0.01	0.02	0.4
ZZ75038		1.47	36.3	1250	6.8	8.3	0.001	0.11	0.95	2.0	3.4	0.5	71.0	0.01	0.07	1.2
ZZ75039		0.09	10.9	650	1.9	0.7	<0.001	0.12	0.34	0.7	0.8	<0.2	42.5	<0.01	0.01	0.2
ZZ75040		0.36	90.1	1960	103.0	14.5	0.002	0.14	3.09	5.3	4.7	0.3	64.8	0.01	0.10	1.2
ZZ75041		0.43	115.0	2830	40.4	5.3	0.002	0.23	4.71	4.9	11.2	0.2	83.2	0.02	0.14	1.3
ZZ75042		0.40	44.3	1650	11.1	15.4	0.001	0.11	1.68	3.6	3.7	0.3	31.9	0.01	0.08	1.1
ZZ75043		0.93	24.8	410	21.5	8.6	<0.001	0.02	0.67	6.1	0.8	0.6	39.8	<0.01	0.05	2.6
ZZ75044		0.59	21.1	480	27.5	6.6	<0.001	0.03	0.58	4.9	0.6	0.5	62.5	<0.01	0.04	2.1
ZZ75045		0.84	18.4	380	21.8	8.6	<0.001	0.02	0.61	3.7	0.5	0.5	36.3	<0.01	0.04	1.6
ZZ75046		0.68	17.7	700	22.5	8.4	<0.001	0.05	0.66	3.4	0.6	0.5	39.3	<0.01	0.04	0.9
ZZ75047		0.22	14.5	920	4.1	2.3	0.001	0.18	0.83	0.7	2.3	<0.2	94.3	<0.01	0.02	0.2
ZZ75048		0.42	25.9	900	19.9	6.9	<0.001	0.05	1.34	4.1	1.7	0.5	42.4	<0.01	0.07	1.1
ZZ75049		0.60	20.7	500	20.6	7.5	<0.001	0.02	0.62	5.0	1.0	0.4	24.0	<0.01	0.05	1.7
ZZ75050		0.20	11.3	410	9.7	2.1	0.001	<0.01	0.40	2.2	0.3	<0.2	216	<0.01	0.01	1.4
ZZ75051		0.62	22.1	1150	12.7	5.4	<0.001	0.06	0.61	1.9	1.7	0.4	29.4	<0.01	0.05	0.5
ZZ75052		0.76	20.3	130	20.0	8.9	<0.001	<0.01	0.46	4.4	0.4	0.4	11.9	<0.01	0.04	3.0
ZZ75053		0.51	19.7	510	16.7	7.7	<0.001	<0.01	0.64	4.0	0.5	0.3	109.0	<0.01	0.02	2.3
ZZ75054		0.78	20.7	640	12.0	9.2	<0.001	0.04	0.81	2.9	0.6	0.4	32.3	<0.01	0.04	1.3
ZZ75055		0.55	21.2	1110	10.2	9.8	0.001	0.08	0.87	1.1	0.7	0.4	47.5	<0.01	0.04	0.3

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ75016		0.023	0.14	4.38	41	0.19	7.64	68	1.5
ZZ75017		0.018	0.22	0.96	61	0.19	12.05	94	3.8
ZZ75018		0.007	0.19	1.21	31	0.09	11.15	79	2.4
ZZ75019		0.016	0.18	1.01	39	0.17	13.05	85	2.4
ZZ75020		0.027	0.15	0.90	59	0.26	4.07	152	1.6
ZZ75021		0.012	0.20	0.82	54	0.17	8.45	109	1.9
ZZ75022		0.013	0.19	0.77	59	0.16	10.55	111	2.5
ZZ75023		0.018	0.12	3.75	34	0.20	5.36	79	1.9
ZZ75024		0.008	0.24	1.19	31	0.10	12.35	112	2.1
ZZ75025		0.007	0.10	2.91	25	0.07	10.90	82	2.4
ZZ75026		0.007	0.15	2.00	44	0.13	19.15	85	1.6
ZZ75027		0.009	0.24	1.96	34	0.07	12.05	186	2.0
ZZ75028		0.007	0.11	2.00	30	0.10	21.0	129	1.5
ZZ75029		0.016	0.12	4.21	57	0.17	24.2	99	1.5
ZZ75030		0.005	0.41	3.31	192	0.15	17.75	381	2.3
ZZ75031		<0.005	0.32	3.47	119	0.10	13.35	156	2.0
ZZ75032		0.006	0.41	4.43	139	0.24	17.25	353	2.3
ZZ75033		0.007	0.51	3.62	231	0.21	21.3	307	1.5
ZZ75034		0.008	0.48	3.15	147	0.14	14.70	183	1.8
ZZ75035		0.010	0.22	3.54	48	0.14	14.80	154	1.4
ZZ75036		0.009	0.34	3.55	96	0.10	15.55	135	1.9
ZZ75037		0.005	0.03	1.73	4	<0.05	8.12	54	0.9
ZZ75038		0.014	0.17	2.00	46	0.08	8.70	132	2.0
ZZ75039		0.005	<0.02	0.39	2	<0.05	1.72	40	0.7
ZZ75040		0.008	0.51	7.33	45	0.10	49.2	425	2.4
ZZ75041		0.009	0.23	9.46	43	0.16	67.7	270	5.7
ZZ75042		0.008	0.48	4.40	52	0.10	23.3	212	1.8
ZZ75043		0.014	0.15	0.94	56	0.19	19.65	97	2.2
ZZ75044		0.005	0.16	0.88	47	0.10	12.00	105	2.4
ZZ75045		0.013	0.16	0.72	49	0.18	10.65	75	1.3
ZZ75046		0.009	0.17	1.31	47	0.15	13.25	137	1.2
ZZ75047		0.006	0.05	6.72	15	<0.05	4.74	36	1.7
ZZ75048		<0.005	0.32	1.24	90	0.12	16.50	103	2.0
ZZ75049		0.006	0.15	0.78	44	0.10	13.00	100	1.5
ZZ75050		0.006	0.07	0.83	13	<0.05	5.41	66	2.0
ZZ75051		0.016	0.09	3.37	41	0.19	10.65	61	1.0
ZZ75052		0.014	0.16	0.64	41	0.11	8.77	102	2.7
ZZ75053		0.010	0.18	0.94	26	0.25	8.32	80	2.8
ZZ75054		0.012	0.21	1.31	39	0.30	7.53	72	1.3
ZZ75055		0.014	0.22	1.88	37	0.12	6.75	162	0.9

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ75056		0.18	0.003	0.22	0.91	11.4	<0.2	<10	110	0.55	0.12	8.70	0.93	13.95	5.5	15
ZZ75057		0.16	0.004	0.11	0.94	3	<0.2	10	110	0.48	0.11	10.50	2.48	12.20	4.7	15
ZZ75058		0.26	0.003	0.33	1.12	12.1	<0.2	<10	150	0.59	0.13	5.00	1.02	16.35	6.1	21
ZZ75059		0.27	0.002	0.18	1.27	16.4	<0.2	<10	120	0.80	0.15	4.74	1.81	15.80	6.9	21
ZZ75060		0.37	0.001	0.08	1.57	17.6	<0.2	<10	170	0.74	0.21	0.84	1.57	21.2	8.3	26
ZZ75061		0.22	0.002	0.15	1.21	16.3	<0.2	<10	140	0.58	0.15	5.47	1.10	19.20	7.6	18
ZZ75062		0.41	0.003	0.07	1.77	13.6	<0.2	<10	200	1.02	0.20	1.02	0.73	23.3	9.0	27
ZZ75063		0.29	0.003	0.66	1.28	16.7	<0.2	<10	220	0.85	0.14	0.54	0.61	21.8	6.1	50
ZZ75064		0.24	0.002	0.08	2.16	10.7	<0.2	<10	160	1.03	0.23	2.54	3.09	20.4	7.6	32
ZZ75065		0.28	0.002	0.06	1.90	11.8	<0.2	<10	170	1.01	0.23	2.18	1.14	31.1	8.7	27
ZZ75066		0.33	0.002	0.08	2.02	27.3	<0.2	<10	160	1.19	0.26	0.83	1.33	36.2	16.9	35
ZZ75067		0.28	0.002	0.16	1.87	18.1	<0.2	<10	160	1.01	0.23	1.55	1.66	32.9	11.0	31
ZZ75068		0.31	0.002	0.19	0.90	14.1	<0.2	<10	110	0.64	0.10	8.54	0.72	18.30	6.4	16
ZZ75069		0.25	0.003	0.22	1.32	12.7	<0.2	<10	200	0.69	0.18	3.04	0.79	25.0	9.1	23
ZZ75070		0.23	0.001	0.13	1.60	15.1	<0.2	<10	220	0.82	0.17	2.65	2.71	22.9	9.9	27
ZZ75078		0.24	0.002	0.14	1.22	19.1	<0.2	<10	130	0.83	0.14	9.77	2.03	16.70	13.4	20
ZZ75079		0.21	0.005	0.16	1.51	15.0	<0.2	10	250	0.96	0.18	2.52	1.79	18.65	9.1	25
ZZ75080		0.32	0.004	0.20	1.71	16.8	<0.2	10	210	1.01	0.17	3.00	1.81	23.5	9.2	28
ZZ75081		0.26	0.002	0.07	1.86	31.0	<0.2	10	240	1.06	0.23	1.37	3.21	25.0	17.6	30
ZZ75082		0.21	0.002	0.17	1.27	17.6	<0.2	<10	130	0.71	0.14	8.00	2.51	18.40	12.3	20
ZZ75083		0.33	0.002	0.37	1.59	16.5	<0.2	<10	250	1.04	0.18	3.43	1.15	27.8	9.0	30

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ75056		0.54	13.8	1.51	2.43	<0.05	0.02	0.10	0.019	0.04	7.6	6.8	4.76	228	1.14	<0.01
ZZ75057		0.56	10.9	1.26	2.29	<0.05	0.02	0.09	0.016	0.03	6.2	6.4	5.38	237	0.94	<0.01
ZZ75058		0.54	12.7	2.07	3.09	<0.05	0.05	0.17	0.019	0.04	9.2	9.3	2.88	222	2.78	<0.01
ZZ75059		0.68	9.7	2.09	3.43	<0.05	0.04	0.09	0.022	0.05	8.3	9.3	2.71	404	1.92	<0.01
ZZ75060		0.91	9.9	2.80	4.46	<0.05	0.04	0.07	0.022	0.05	9.4	14.2	0.53	380	1.96	<0.01
ZZ75061		0.62	10.6	2.17	3.36	<0.05	0.04	0.09	0.022	0.05	9.1	10.7	3.08	277	1.60	<0.01
ZZ75062		0.83	9.1	2.86	5.33	<0.05	0.06	0.04	0.025	0.05	11.8	15.3	0.86	257	1.22	<0.01
ZZ75063		0.71	10.6	2.21	4.03	<0.05	0.06	0.17	0.027	0.04	11.2	10.2	0.39	145	5.51	<0.01
ZZ75064		1.16	9.3	2.90	5.85	<0.05	0.04	0.09	0.038	0.04	12.5	14.2	1.55	330	1.44	<0.01
ZZ75065		1.08	11.4	2.88	5.24	<0.05	0.05	0.14	0.034	0.05	16.8	14.4	1.23	571	1.59	<0.01
ZZ75066		0.93	13.5	3.04	5.47	<0.05	0.06	0.08	0.032	0.06	13.3	18.7	0.77	343	1.72	<0.01
ZZ75067		1.14	10.7	2.96	5.60	<0.05	0.05	0.13	0.033	0.05	15.6	13.6	1.10	483	1.67	<0.01
ZZ75068		0.56	10.9	1.85	2.60	<0.05	0.06	0.15	0.020	0.05	9.3	8.4	3.73	230	3.10	<0.01
ZZ75069		0.68	15.1	2.28	3.95	<0.05	0.04	0.18	0.020	0.04	11.7	11.1	1.67	445	1.35	<0.01
ZZ75070		0.89	10.5	2.65	4.46	<0.05	0.05	0.10	0.027	0.06	10.9	12.0	1.41	272	3.87	<0.01
ZZ75078		0.74	9.5	1.83	3.20	<0.05	0.04	0.05	0.019	0.04	8.9	7.9	5.55	411	2.25	<0.01
ZZ75079		0.87	14.1	2.35	4.01	<0.05	0.06	0.09	0.025	0.07	9.4	11.1	1.08	363	2.39	<0.01
ZZ75080		0.89	10.5	2.62	4.37	<0.05	0.07	0.09	0.028	0.08	11.4	12.2	1.88	360	2.64	<0.01
ZZ75081		1.06	12.5	2.96	4.81	<0.05	0.06	0.06	0.031	0.09	10.5	13.5	0.92	446	3.96	<0.01
ZZ75082		0.75	11.9	1.99	3.27	<0.05	0.03	0.29	0.021	0.05	8.1	9.0	4.44	430	3.16	<0.01
ZZ75083		0.69	12.5	2.48	4.55	<0.05	0.06	0.15	0.026	0.06	14.1	11.7	2.02	313	3.15	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ75056		0.43	15.7	1210	8.1	6.1	<0.001	0.06	0.60	1.1	0.8	0.2	49.0	<0.01	0.03	0.4
ZZ75057		0.37	13.1	1410	6.6	6.0	<0.001	0.08	0.46	0.6	0.6	0.2	62.9	<0.01	0.03	0.2
ZZ75058		0.53	21.8	860	10.9	5.7	<0.001	0.03	0.83	2.5	0.8	0.3	44.1	<0.01	0.03	0.9
ZZ75059		0.58	20.5	780	12.8	10.1	0.001	0.06	1.17	2.1	0.9	0.4	31.3	<0.01	0.05	0.6
ZZ75060		1.07	25.8	320	14.3	11.8	<0.001	0.02	0.86	2.8	0.4	0.5	12.7	<0.01	0.05	1.6
ZZ75061		0.58	21.3	970	11.6	7.9	<0.001	0.04	0.73	2.5	0.7	0.4	39.6	<0.01	0.04	0.8
ZZ75062		0.93	22.6	270	17.1	8.5	<0.001	0.01	0.51	4.7	0.5	0.5	12.6	<0.01	0.04	2.9
ZZ75063		0.56	31.7	250	11.3	5.9	<0.001	0.01	1.15	4.8	1.7	0.4	13.4	<0.01	0.04	2.6
ZZ75064		0.97	21.7	810	15.3	10.8	<0.001	0.04	0.66	3.3	0.7	0.6	17.5	<0.01	0.05	1.1
ZZ75065		1.02	22.4	550	14.8	13.1	<0.001	0.04	0.72	3.8	0.6	0.6	18.4	<0.01	0.06	1.4
ZZ75066		1.18	35.9	330	17.6	12.3	<0.001	0.02	0.89	4.9	0.7	0.6	13.4	<0.01	0.04	3.1
ZZ75067		1.02	29.2	430	16.0	9.2	<0.001	0.02	0.72	4.2	0.9	0.6	16.4	<0.01	0.04	2.0
ZZ75068		0.35	22.0	730	10.1	6.2	<0.001	0.02	0.90	3.2	0.9	0.3	65.9	<0.01	0.03	1.2
ZZ75069		0.75	24.9	720	10.4	6.1	<0.001	0.03	0.73	2.5	0.8	0.4	28.1	<0.01	0.04	0.9
ZZ75070		0.83	37.3	680	13.2	8.3	<0.001	0.04	0.84	3.0	0.8	0.5	19.6	<0.01	0.04	1.2
ZZ75078		0.42	27.5	1040	10.1	7.8	<0.001	0.04	0.75	1.6	0.8	0.4	51.1	<0.01	0.04	0.5
ZZ75079		0.70	33.3	930	12.8	9.3	<0.001	0.08	0.98	2.1	0.9	0.4	20.6	<0.01	0.04	0.7
ZZ75080		0.53	29.0	510	16.3	9.1	<0.001	0.03	0.93	3.9	1.0	0.5	20.5	<0.01	0.07	1.6
ZZ75081		0.85	47.1	460	17.4	17.1	<0.001	0.03	1.33	3.9	0.8	0.6	13.9	<0.01	0.04	2.0
ZZ75082		0.48	35.5	1020	10.0	9.2	<0.001	0.05	0.94	1.4	0.5	0.4	44.3	<0.01	0.04	0.5
ZZ75083		0.65	29.3	890	13.5	7.7	<0.001	0.05	0.96	3.2	1.1	0.5	30.6	<0.01	0.03	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ75056		0.011	0.13	0.94	33	0.12	7.53	81	0.8
ZZ75057		0.009	0.10	1.06	31	0.08	5.58	113	0.6
ZZ75058		0.013	0.16	1.25	46	0.11	10.55	101	1.2
ZZ75059		0.014	0.22	1.06	57	0.11	8.05	134	1.2
ZZ75060		0.021	0.20	1.26	56	0.15	5.24	195	1.3
ZZ75061		0.014	0.14	1.18	40	0.15	8.59	135	1.3
ZZ75062		0.013	0.17	0.94	52	0.14	8.54	111	2.2
ZZ75063		0.008	0.29	1.23	96	0.17	13.80	111	2.6
ZZ75064		0.021	0.16	1.11	62	0.14	10.55	223	1.4
ZZ75065		0.023	0.21	1.02	59	0.15	14.80	148	1.3
ZZ75066		0.020	0.44	2.54	88	0.34	7.72	160	1.7
ZZ75067		0.024	0.24	1.14	70	0.15	12.05	162	1.4
ZZ75068		0.007	0.22	1.24	43	0.32	12.30	77	1.7
ZZ75069		0.024	0.17	1.37	47	0.16	9.53	91	0.9
ZZ75070		0.015	0.19	0.84	65	0.16	10.30	246	1.5
ZZ75078		0.012	0.19	1.68	51	0.11	9.41	167	1.1
ZZ75079		0.013	0.27	1.10	58	0.16	9.14	172	1.5
ZZ75080		0.007	0.30	0.93	78	0.10	13.75	113	2.3
ZZ75081		0.014	0.49	0.97	80	0.12	6.94	275	1.9
ZZ75082		0.014	0.26	1.08	50	0.11	6.52	237	0.8
ZZ75083		0.013	0.24	1.12	66	0.15	14.90	112	1.5

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152705

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUN-2013
Account: RCM

CERTIFICATE WH13102983

Project: Nadaleen

P.O. No.: S13-S01

This report is for 24 Soil samples submitted to our lab in Whitehorse, YT, Canada on 10-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 14-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102983

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ34731		0.28	<0.001	0.19	1.13	12.8	<0.2	<10	120	0.84	0.26	0.79	0.49	9.50	25.2	20
ZZ34732		0.20	<0.001	0.31	1.01	11.7	<0.2	10	110	0.62	0.23	1.46	0.82	7.95	21.1	19
ZZ34733		0.22	0.006	0.50	0.75	17.9	<0.2	<10	630	0.57	0.11	1.39	2.26	21.4	10.2	16
ZZ34734		0.20	<0.001	0.25	0.77	11.8	<0.2	<10	360	0.60	0.18	1.54	0.77	16.40	9.5	13
ZZ34735		0.13	<0.001	0.06	1.00	4.8	<0.2	<10	360	0.33	0.18	2.88	2.54	13.50	5.3	14
ZZ34736		0.10	0.005	0.07	0.33	2.3	<0.2	10	320	0.13	0.07	3.82	4.23	4.97	3.9	7
ZZ34737		0.20	0.004	0.27	0.81	253	<0.2	<10	240	0.66	0.21	2.21	1.37	14.25	7.7	22
ZZ34738		0.24	<0.001	0.28	0.85	258	<0.2	<10	230	0.64	0.22	1.60	1.09	14.70	8.3	24
ZZ34739		0.24	<0.001	0.27	0.87	281	<0.2	<10	250	0.66	0.22	1.72	1.07	14.05	7.3	26
ZZ34740		0.39	0.002	0.52	0.46	35.0	<0.2	<10	1080	0.53	0.12	1.08	2.77	15.35	7.4	13
ZZ34741		0.05	0.009	0.47	0.40	6.1	<0.2	<10	1160	0.62	0.05	4.32	4.83	19.95	4.3	6
ZZ34742		0.22	0.004	0.27	0.84	286	<0.2	<10	230	0.63	0.22	1.43	1.24	13.30	9.1	22
ZZ34743		0.28	<0.001	0.29	0.99	244	<0.2	<10	240	0.62	0.22	1.24	1.02	13.85	6.9	26
ZZ34744		0.23	0.001	0.30	0.99	279	<0.2	<10	260	0.64	0.24	1.39	1.17	15.85	8.4	27
ZZ34745		0.30	<0.001	0.27	0.81	332	<0.2	<10	240	0.60	0.23	1.46	1.50	15.40	10.4	25
ZZ34746		0.26	<0.001	0.27	0.79	374	<0.2	<10	230	0.63	0.23	2.50	1.73	14.50	12.3	23
ZZ34747		0.24	<0.001	0.28	0.75	385	<0.2	<10	220	0.63	0.24	2.23	1.62	14.45	11.8	23
ZZ34748		0.62	0.001	0.09	1.52	113.5	<0.2	<10	120	0.68	0.23	0.38	0.22	18.90	18.8	27
ZZ34749		0.16	<0.001	0.16	0.67	15	<0.2	<10	2390	0.55	0.14	14.15	2.29	11.00	34.1	19
ZZ34750		0.12	<0.001	0.15	1.02	11.1	<0.2	<10	760	0.61	0.15	2.81	4.43	16.35	10.8	26
ZZ34999		0.20	<0.001	0.14	0.48	12.9	<0.2	<10	220	0.40	0.13	2.04	0.96	13.75	7.1	10
ZZ35000		0.28	<0.001	0.23	0.76	14.2	<0.2	<10	340	0.68	0.18	1.43	0.83	18.40	11.0	13
ZZ34711		0.42	<0.001	0.07	1.65	16.4	<0.2	<10	170	0.63	0.30	0.34	0.30	25.4	13.4	24
ZZ34721		0.59	0.002	0.11	1.55	115.5	<0.2	<10	150	0.79	0.23	0.46	0.23	19.70	16.7	26

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102983

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ34731		2.42	39.2	3.93	3.56	0.10	0.05	0.48	0.041	0.09	3.7	23.7	0.52	1660	2.17	0.01
ZZ34732		2.86	31.6	3.37	3.00	0.09	0.05	0.20	0.032	0.10	3.7	16.6	0.41	2930	2.10	0.01
ZZ34733		0.53	36.4	2.60	2.28	0.09	0.06	0.18	0.031	0.09	10.2	7.4	0.23	258	3.96	<0.01
ZZ34734		0.44	23.3	2.62	2.17	0.07	0.05	0.34	0.029	0.08	7.8	8.7	0.22	353	2.26	<0.01
ZZ34735		0.53	17.2	1.34	2.64	0.06	0.05	0.12	0.021	0.03	15.4	4.4	0.10	784	0.98	0.01
ZZ34736		0.30	16.5	0.55	0.86	<0.05	0.05	0.26	0.009	0.05	5.9	1.4	0.09	658	0.62	0.01
ZZ34737		1.08	21.1	2.09	2.24	0.09	0.11	0.14	0.035	0.08	16.9	6.4	0.15	187	2.73	<0.01
ZZ34738		1.36	20.9	2.02	2.31	0.10	0.10	0.15	0.038	0.08	17.9	6.2	0.13	215	2.46	<0.01
ZZ34739		0.79	19.7	1.96	2.35	0.10	0.12	0.14	0.037	0.08	19.8	5.6	0.12	235	2.73	<0.01
ZZ34740		0.50	41.6	2.18	1.61	0.08	0.04	0.16	0.028	0.09	6.6	2.5	0.07	261	5.50	<0.01
ZZ34741		0.37	27.8	0.85	0.86	0.06	0.06	0.15	0.015	0.02	8.8	1.3	0.11	165	2.70	0.01
ZZ34742		1.30	19.3	1.92	2.24	0.09	0.11	0.13	0.034	0.10	15.8	5.4	0.12	265	2.50	<0.01
ZZ34743		0.89	19.6	2.04	2.75	0.10	0.09	0.13	0.036	0.08	17.9	6.9	0.14	256	2.62	<0.01
ZZ34744		1.52	23.2	2.18	2.73	0.11	0.11	0.16	0.040	0.09	20.5	7.0	0.15	192	2.71	<0.01
ZZ34745		1.22	23.0	2.12	2.31	0.11	0.11	0.19	0.038	0.10	19.5	5.5	0.12	306	2.90	<0.01
ZZ34746		1.25	22.4	1.99	2.17	0.10	0.11	0.15	0.037	0.11	17.9	5.2	0.11	385	3.05	<0.01
ZZ34747		1.17	23.0	1.97	2.11	0.10	0.11	0.15	0.036	0.12	17.8	5.0	0.11	261	3.05	<0.01
ZZ34748		1.74	63.4	4.70	4.49	0.13	0.08	0.11	0.036	0.07	8.3	32.5	0.84	672	0.88	<0.01
ZZ34749		0.58	26.6	2.82	1.81	0.11	0.07	0.08	0.024	0.09	10.9	6.7	0.17	376	4.12	<0.01
ZZ34750		0.55	22.2	2.06	2.39	0.10	0.07	0.11	0.023	0.06	23.4	8.1	0.14	784	1.94	0.01
ZZ34999		0.36	15.3	2.19	1.48	0.05	0.03	0.91	0.022	0.07	6.3	6.3	0.64	386	2.14	<0.01
ZZ35000		0.50	24.1	2.99	2.21	0.07	0.04	0.32	0.032	0.08	8.5	10.4	0.26	430	2.82	<0.01
ZZ34711		1.30	29.9	4.21	5.58	0.10	0.04	0.04	0.034	0.06	11.5	35.4	0.49	455	0.97	<0.01
ZZ34721		2.25	60.3	4.37	4.59	0.12	0.08	0.14	0.037	0.08	9.3	29.8	0.73	650	0.84	<0.01

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102983

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ34731		0.16	69.5	760	21.1	13.0	0.002	0.21	0.70	5.3	2.9	0.4	105.5	<0.01	0.05	3.1
ZZ34732		0.19	73.2	630	14.4	19.1	0.002	0.14	0.75	4.1	2.6	0.4	240	<0.01	0.06	1.9
ZZ34733		0.26	46.9	1310	14.1	6.9	0.006	0.06	1.87	3.8	3.1	0.4	53.9	<0.01	0.04	1.9
ZZ34734		0.30	25.0	710	14.6	6.2	0.001	0.06	0.68	3.4	1.4	0.3	43.0	<0.01	0.04	1.5
ZZ34735		0.56	17.4	1660	9.2	3.1	0.001	0.17	0.54	1.0	1.3	0.3	30.3	0.01	0.06	<0.2
ZZ34736		0.19	12.3	1690	3.9	3.7	<0.001	0.28	0.29	0.7	1.2	<0.2	34.4	0.01	0.04	0.2
ZZ34737		0.25	40.8	1440	16.4	8.9	0.001	0.08	1.20	3.2	2.6	0.4	33.5	0.01	0.12	1.2
ZZ34738		0.26	42.6	1500	15.3	8.6	0.001	0.08	1.18	3.1	2.8	0.4	32.4	0.01	0.14	1.0
ZZ34739		0.24	39.3	1460	15.8	7.3	0.001	0.08	1.22	3.3	3.1	0.4	31.4	0.01	0.15	1.2
ZZ34740		0.15	51.6	1800	31.4	6.0	0.004	0.04	3.07	3.4	3.6	0.4	69.8	<0.01	0.06	2.9
ZZ34741		0.16	68.9	920	4.2	1.7	0.001	0.20	3.01	2.5	4.2	<0.2	157.0	0.01	0.04	0.5
ZZ34742		0.26	38.2	1520	15.0	9.8	0.001	0.11	1.18	2.8	2.9	0.4	33.3	0.01	0.13	1.0
ZZ34743		0.33	36.8	1630	15.4	9.3	0.001	0.08	1.03	3.0	2.7	0.5	28.8	0.01	0.13	1.0
ZZ34744		0.30	46.7	1740	16.7	10.0	0.001	0.08	1.28	3.2	3.0	0.5	33.3	0.01	0.15	1.1
ZZ34745		0.24	48.9	1750	16.5	8.3	0.001	0.08	1.32	2.9	3.2	0.4	35.8	0.01	0.16	1.0
ZZ34746		0.21	47.0	1550	16.2	8.5	0.001	0.09	1.31	2.8	3.1	0.5	40.4	0.01	0.16	1.1
ZZ34747		0.22	48.7	1440	16.8	8.6	0.001	0.09	1.37	2.9	3.3	0.4	43.4	0.01	0.17	1.1
ZZ34748		0.15	32.5	510	17.3	6.7	<0.001	0.02	0.44	7.5	0.9	0.3	22.3	<0.01	0.08	2.9
ZZ34749		0.26	259	1470	14.1	5.9	0.001	0.07	1.05	3.1	2.4	0.4	93.6	0.01	0.07	1.4
ZZ34750		0.28	97.3	1690	14.1	6.7	0.001	0.14	0.96	1.6	2.1	0.4	25.5	0.01	0.08	0.4
ZZ34999		0.19	21.2	490	23.6	5.1	0.002	0.03	0.90	2.3	1.3	0.3	36.0	<0.01	0.03	1.6
ZZ35000		0.27	27.0	750	16.0	7.5	0.002	0.05	0.92	3.7	1.5	0.4	47.2	<0.01	0.04	1.8
ZZ34711		0.52	21.4	400	18.1	10.5	<0.001	0.01	0.50	3.8	0.5	0.5	23.4	<0.01	0.06	3.2
ZZ34721		0.21	30.9	600	16.6	9.0	0.001	0.03	0.42	8.1	1.4	0.3	29.0	<0.01	0.08	2.4

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102983

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ34731	<0.005	0.14	1.41	35	<0.05	10.45	186	1.5
ZZ34732	<0.005	0.18	1.54	44	<0.05	8.67	246	1.3
ZZ34733	<0.005	0.22	1.72	98	0.05	14.20	275	1.4
ZZ34734	<0.005	0.10	1.15	43	0.07	9.39	118	1.1
ZZ34735	0.020	0.09	1.24	34	0.09	21.9	170	1.2
ZZ34736	0.008	0.06	1.10	15	<0.05	10.20	280	1.5
ZZ34737	0.005	0.43	2.26	42	0.19	39.2	218	2.1
ZZ34738	0.006	0.42	2.36	44	0.13	42.3	194	1.8
ZZ34739	0.005	0.38	2.44	46	0.14	48.4	184	2.1
ZZ34740	<0.005	0.23	3.06	105	0.06	16.30	421	0.9
ZZ34741	0.006	0.07	2.98	27	0.05	14.20	297	1.9
ZZ34742	0.006	0.44	3.01	45	0.11	37.5	216	2.2
ZZ34743	0.007	0.36	2.84	47	0.14	40.5	195	1.6
ZZ34744	0.007	0.49	2.81	49	0.15	46.6	239	1.9
ZZ34745	0.006	0.54	2.75	48	0.12	45.8	251	1.9
ZZ34746	0.005	0.59	2.68	46	0.13	43.9	241	2.1
ZZ34747	0.005	0.63	2.85	45	0.13	45.2	249	2.0
ZZ34748	0.005	0.22	0.92	46	<0.05	10.20	88	2.1
ZZ34749	<0.005	0.23	2.47	72	0.09	30.7	782	1.4
ZZ34750	0.007	0.15	1.36	62	0.13	43.1	532	1.1
ZZ34999	<0.005	0.11	0.82	47	0.06	6.47	139	0.8
ZZ35000	<0.005	0.11	1.05	49	0.09	9.84	127	1.0
ZZ34711	0.012	0.09	0.97	46	0.13	5.73	75	1.4
ZZ34721	0.006	0.34	2.68	43	0.05	13.05	84	1.7

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102983

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)		
Applies to Method:	ME-MS41		
	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).		
Applies to Method:	ME-MS41		

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

CERTIFICATE WH13115530

Project: Nadaleen

P.O. No.: S13-S02

This report is for 19 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: ATAC RESOURCES LTD.
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Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115530

Sample Description	Method	WEI-21	Au-ICP21	Au-GRA21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.05	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ZZ34692		0.28	0.009		0.05	0.28	157.5	<0.2	10	150	0.33	0.37	0.26	0.01	5.56	1.4
ZZ34693		0.27	>10.0	12.50	1.74	0.67	>10000	12.4	<10	40	0.75	0.05	15.30	8.79	11.65	6.3
ZZ34694		0.43	0.165		0.19	0.52	1040	<0.2	10	140	1.00	0.29	3.74	0.19	14.00	14.4
ZZ34695		0.13	0.553		0.27	0.64	1020	0.4	10	150	1.27	0.26	1.75	0.20	17.30	10.1
ZZ34696		0.43	0.037		0.29	0.46	224	<0.2	10	360	1.27	0.24	5.08	0.17	21.1	12.4
ZZ34699		0.72	0.020		0.04	0.15	250	<0.2	<10	110	0.34	0.06	17.35	0.44	14.75	2.5
ZZ34700		0.55	0.005		0.04	0.30	87.5	<0.2	10	120	0.44	0.38	0.77	0.18	14.90	8.7
ZZ34701		0.36	0.002		0.13	0.50	18.6	<0.2	<10	80	1.34	0.21	2.34	0.21	28.6	8.7
ZZ34702		0.47	0.001		0.13	0.17	167.5	<0.2	10	120	0.19	0.39	0.18	0.02	15.65	3.7
ZZ34704		0.19	0.007		2.49	2.61	331	<0.2	<10	180	1.77	0.28	0.86	16.60	30.0	11.1
ZZ34705		0.46	0.015		2.92	0.38	477	<0.2	<10	70	0.61	0.05	23.8	9.10	5.78	3.5
ZZ34708		0.18	0.083		3.00	2.10	558	<0.2	<10	230	1.43	0.27	2.15	10.10	28.6	9.3
ZZ34722		0.25	0.017		1.38	1.40	91.9	<0.2	<10	260	1.10	0.30	0.30	1.04	21.8	18.6
ZZ34723		0.17	0.044		2.54	2.07	130.5	<0.2	<10	390	1.42	0.33	0.56	0.77	34.0	33.6
ZZ34724		0.32	0.001		0.09	2.03	115.0	<0.2	<10	380	1.11	0.30	0.86	0.73	33.9	9.8
ZZ34725		0.33	<0.001		0.08	2.10	201	<0.2	<10	440	1.43	0.32	0.86	0.63	36.8	10.8
ZZ34712		0.34	0.010		0.66	1.43	107.5	<0.2	<10	560	0.51	0.32	0.26	0.65	21.1	9.1
ZZ34713		0.31	0.005		2.27	0.54	76.3	<0.2	10	1630	0.68	0.16	1.36	3.47	7.30	4.4
ZZ34714		0.23	0.005		3.05	0.57	76.1	<0.2	10	1540	0.76	0.17	1.36	4.67	7.27	5.2

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Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115530

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05
ZZ34692		5	12.65	6.4	1.49	1.54	<0.05	0.04	0.46	0.037	0.27	2.2	7.4	0.06	98	0.18
ZZ34693		4	0.89	17.6	2.12	0.64	<0.05	0.14	21.2	0.011	0.01	6.8	1.0	8.12	3910	0.51
ZZ34694		7	3.37	34.3	2.74	1.39	<0.05	0.07	0.58	0.043	0.12	5.0	4.2	0.80	450	0.97
ZZ34695		10	2.03	28.4	2.86	1.65	<0.05	0.08	1.15	0.035	0.09	8.1	3.5	0.32	541	0.66
ZZ34696		8	7.81	45.0	2.06	1.47	0.05	0.20	0.48	0.025	0.15	7.8	2.9	2.54	534	1.38
ZZ34699		2	1.38	7.6	0.68	0.61	<0.05	0.26	1.14	0.011	0.03	9.4	2.1	9.95	229	0.52
ZZ34700		4	9.81	13.9	2.23	1.46	<0.05	0.08	0.26	0.028	0.36	4.2	2.6	0.33	153	0.75
ZZ34701		14	0.68	28.7	5.09	1.33	0.07	0.04	0.02	0.038	0.07	13.7	6.5	0.68	810	0.36
ZZ34702		5	3.92	10.5	1.07	0.95	<0.05	0.13	0.32	0.031	0.10	6.5	1.7	0.02	89	0.28
ZZ34704		40	1.72	9.8	3.80	7.58	<0.05	0.04	14.95	0.046	0.05	14.5	13.5	0.47	1420	3.08
ZZ34705		5	0.74	9.4	1.20	1.09	<0.05	0.03	20.4	0.011	0.04	3.0	3.5	4.79	320	3.87
ZZ34708		37	1.42	11.5	3.42	6.19	0.05	0.04	48.2	0.040	0.05	16.4	13.5	0.55	706	9.70
ZZ34722		30	4.21	156.5	5.04	4.39	0.08	0.04	0.47	0.065	0.27	8.9	20.0	0.35	665	10.90
ZZ34723		31	8.83	318	5.36	6.05	0.17	0.07	1.53	0.077	0.21	11.9	21.5	0.29	1080	9.79
ZZ34724		31	0.67	9.7	3.29	7.14	<0.05	0.05	0.08	0.043	0.07	15.2	14.8	0.30	358	1.48
ZZ34725		34	0.62	11.4	3.63	6.94	<0.05	0.05	0.21	0.049	0.08	16.0	15.3	0.31	371	2.14
ZZ34712		30	6.22	88.1	5.11	6.22	0.06	<0.02	0.25	0.056	0.22	9.8	25.9	0.38	335	9.86
ZZ34713		32	1.53	57.0	1.99	1.96	0.05	0.05	0.72	0.029	0.10	4.7	4.4	0.25	133	8.84
ZZ34714		36	1.66	71.6	2.10	2.02	0.06	0.05	0.65	0.035	0.09	4.6	4.8	0.12	145	9.05

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115530

Sample Description	Method Analyte Units LOR	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01
ZZ34692		0.01	<0.05	3.0	290	21.2	20.6	<0.001	0.39	0.28	3.3	0.3	0.9	71.8	<0.01	0.07
ZZ34693		0.01	<0.05	16.7	530	24.4	0.9	0.001	0.01	162.0	4.2	1.7	0.2	196.5	<0.01	0.21
ZZ34694		0.01	0.06	30.6	960	22.9	8.2	<0.001	0.02	1.55	6.3	1.5	0.5	124.5	<0.01	0.04
ZZ34695		<0.01	0.08	23.2	950	19.7	7.8	<0.001	0.09	1.14	3.7	1.2	0.5	62.0	<0.01	0.05
ZZ34696		0.01	<0.05	25.5	1310	28.0	10.4	<0.001	0.07	0.60	4.6	1.3	0.7	123.5	<0.01	0.02
ZZ34699		0.01	<0.05	8.0	350	9.4	2.2	<0.001	0.02	3.33	1.8	0.9	0.2	333	<0.01	0.01
ZZ34700		0.01	<0.05	13.9	560	17.9	26.6	<0.001	0.48	0.43	3.3	0.5	0.5	66.3	<0.01	0.16
ZZ34701		0.01	0.08	21.8	570	17.3	4.9	<0.001	0.03	0.25	6.2	1.0	0.3	47.1	<0.01	0.04
ZZ34702		<0.01	<0.05	5.4	120	30.1	7.0	<0.001	0.09	0.14	1.9	0.3	0.2	37.0	<0.01	0.06
ZZ34704		0.01	1.16	30.2	450	397	9.4	<0.001	0.04	2.40	5.9	1.2	0.9	14.3	<0.01	0.05
ZZ34705		0.01	0.07	20.4	790	391	4.0	<0.001	0.03	4.49	1.9	1.3	0.2	74.0	<0.01	0.02
ZZ34708		0.01	0.69	38.6	1950	568	7.4	<0.001	0.07	5.22	3.7	1.8	0.8	32.1	<0.01	0.06
ZZ34722		0.04	0.43	78.4	1750	26.5	23.1	0.001	0.53	4.74	7.5	7.7	0.7	124.5	<0.01	0.18
ZZ34723		0.04	0.51	140.0	2790	43.2	26.7	0.003	0.44	5.46	10.7	12.1	0.9	153.5	0.01	0.17
ZZ34724		<0.01	1.10	23.8	230	36.2	8.5	<0.001	0.02	0.81	4.8	0.7	1.0	20.9	<0.01	0.04
ZZ34725		0.01	0.97	30.5	280	88.0	9.0	<0.001	0.02	1.02	5.9	1.0	1.0	27.4	<0.01	0.05
ZZ34712		0.04	0.95	42.8	1160	28.0	26.5	0.001	0.40	4.71	3.9	5.6	0.8	89.1	<0.01	0.15
ZZ34713		<0.01	0.11	61.5	1480	16.4	7.7	0.018	0.14	2.05	4.0	9.9	0.4	163.0	<0.01	0.10
ZZ34714		<0.01	0.14	78.3	1360	17.2	8.4	0.021	0.15	2.30	5.2	13.0	0.5	158.0	<0.01	0.10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115530

Sample Description	Method Analyte Units LOR	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ34692		5.2	<0.005	1.71	0.31	8	0.11	2.42	14	2.0
ZZ34693		0.8	<0.005	86.3	5.74	8	1.88	17.45	1130	6.0
ZZ34694		5.8	<0.005	1.56	1.82	13	0.13	10.65	110	3.7
ZZ34695		1.3	<0.005	2.69	1.53	16	0.23	12.25	94	2.1
ZZ34696		8.9	<0.005	0.71	4.37	14	0.13	10.35	57	11.8
ZZ34699		2.8	<0.005	2.16	6.81	13	0.29	5.24	84	11.5
ZZ34700		7.7	<0.005	3.63	0.73	8	0.11	5.14	69	3.4
ZZ34701		3.5	<0.005	0.11	0.75	23	<0.05	16.40	60	1.4
ZZ34702		3.4	<0.005	1.03	0.30	6	0.16	2.01	14	5.1
ZZ34704		2.3	0.028	2.58	1.93	99	0.38	11.80	2260	1.3
ZZ34705		0.8	<0.005	1.60	6.92	22	0.34	7.10	1320	0.9
ZZ34708		0.9	0.017	4.67	11.55	85	0.67	21.6	2250	0.9
ZZ34722		2.1	0.012	1.37	5.38	103	0.16	21.8	307	0.9
ZZ34723		1.4	0.007	1.61	12.00	166	0.13	73.7	285	1.3
ZZ34724		4.1	0.014	0.63	1.30	63	0.23	7.08	209	1.8
ZZ34725		4.8	0.010	0.81	1.48	63	0.27	8.62	185	1.6
ZZ34712		1.4	0.022	0.99	2.11	139	0.25	11.55	214	<0.5
ZZ34713		1.2	<0.005	0.58	3.86	85	0.10	20.1	304	1.7
ZZ34714		1.0	<0.005	0.49	4.82	83	0.10	24.5	310	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 2-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13115530

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-GRA21 Au-ICP21 ME-MS41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

CERTIFICATE WH13146494

Project: NADALEEN

P.O. No.: S13-505

This report is for 1 Soil sample submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146494

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
M389134		0.89	0.003	0.09	14.45	11.9	<0.2	<10	20	17.80	0.17	0.03	0.58	11.20	23.5	10

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146494

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
M389134		5.89	57.8	2.71	1.59	0.10	0.12	0.12	0.029	0.04	4.9	17.7	0.12	1510	0.78	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146494

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
M389134		0.17	58.6	320	14.5	3.8	<0.001	3.30	0.54	11.8	3.2	0.2	14.8	0.01	0.05	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146494

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
M389134		0.005	0.13	3.53	13	<0.05	69.2	91	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146494

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

CERTIFICATE WH13121189

Project: Nadaleen

P.O. No.: S13-S03

This report is for 28 Soil samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121189

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ34539		0.55	0.003	0.16	1.49	13.7	<0.2	<10	250	0.89	0.33	0.52	0.09	10.65	13.3	26
ZZ34660		0.41	0.005	0.22	0.66	12.7	<0.2	<10	390	0.78	0.31	1.28	0.81	9.72	11.4	27
ZZ34661		0.55	0.003	0.20	0.75	13.4	<0.2	<10	390	0.80	0.35	0.55	0.25	8.54	9.1	24
ZZ34662		0.57	0.003	0.13	0.70	11.7	<0.2	<10	460	0.87	0.36	0.40	0.11	12.50	13.5	12
ZZ34675		0.52	0.004	0.16	1.53	13.7	<0.2	<10	240	0.96	0.40	0.59	0.07	10.25	11.5	27
ZZ34676		0.45	0.003	1.11	0.41	1300	<0.2	<10	210	0.55	0.32	2.38	1.20	6.56	13.2	32
ZZ34677		0.49	0.001	0.08	0.16	176.0	<0.2	<10	100	0.13	0.03	3.07	0.82	10.40	19.7	13
ZZ34678		0.45	0.003	2.21	0.93	21.1	<0.2	<10	180	1.22	0.23	0.53	0.76	7.43	19.7	8
ZZ34679		0.58	0.002	0.29	0.32	236	<0.2	<10	110	0.24	0.10	10.95	0.69	11.20	5.9	17
ZZ34680		0.45	0.002	0.40	0.90	412	<0.2	<10	200	0.58	0.17	3.76	1.60	19.65	13.6	29
ZZ34681		0.53	0.002	0.30	0.58	519	<0.2	<10	390	0.41	0.12	1.74	1.19	14.70	16.1	27
ZZ34689		0.34	0.005	1.66	0.48	24.3	<0.2	<10	140	0.82	0.28	0.60	0.76	4.73	11.6	19
ZZ34690		0.36	0.003	0.27	0.81	111.0	<0.2	<10	160	0.47	0.14	5.13	0.53	21.2	9.8	19
ZZ34691		0.39	0.004	0.33	0.86	123.0	<0.2	<10	150	0.51	0.15	4.42	0.64	19.45	9.7	21
ZZ34706		0.51	0.006	1.46	1.46	22.9	<0.2	<10	3420	0.71	0.32	1.32	2.94	33.9	21.7	38
ZZ34709		0.55	0.003	0.37	1.40	41.9	<0.2	<10	730	0.84	0.18	2.59	1.55	44.8	26.5	25
ZZ34710		0.47	0.005	0.81	0.38	32.5	<0.2	<10	780	0.60	0.14	0.49	3.63	10.80	8.9	8
ZZ34715		0.33	0.006	1.44	0.59	25.0	<0.2	<10	1580	0.91	0.15	2.67	14.45	14.55	8.8	22
ZZ34716		0.27	0.006	1.39	0.54	22.0	<0.2	<10	1240	0.84	0.13	2.05	11.00	11.65	8.1	21
ZZ34717		0.39	0.009	0.27	1.46	10.1	<0.2	<10	360	0.95	0.13	1.98	0.77	48.1	15.5	20
ZZ34718		0.34	0.002	0.26	1.46	10.9	<0.2	<10	420	0.91	0.12	2.18	0.66	50.9	15.8	19
ZZ34719		0.43	0.003	0.24	1.44	11.7	<0.2	<10	360	0.81	0.13	2.00	0.91	41.8	15.0	20
ZZ34720		0.74	0.003	0.37	1.72	22.6	<0.2	<10	330	0.79	0.11	1.58	0.90	54.8	23.4	39
ZZ34726		0.24	0.008	2.98	0.59	17.4	<0.2	<10	1160	1.15	0.11	2.58	21.2	14.15	5.3	35
ZZ34727		0.23	0.013	1.18	0.53	27.5	<0.2	<10	1150	0.75	0.14	1.58	7.74	12.40	8.4	19
ZZ34728		0.53	0.004	0.40	1.62	145.0	<0.2	<10	270	0.82	0.24	0.61	1.05	30.5	12.6	34
ZZ34729		0.23	0.001	0.08	1.79	145.5	<0.2	<10	170	0.75	0.27	1.24	2.10	25.6	7.8	31
ZZ34730		0.43	0.002	0.35	1.77	61.5	<0.2	<10	230	0.73	0.25	1.20	2.03	21.1	7.0	40

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121189

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ34539		2.63	37.1	3.97	4.65	0.05	0.06	0.02	0.054	0.14	3.3	26.5	0.32	177	0.84	0.02
ZZ34660		0.62	31.5	3.44	1.65	0.06	0.05	0.09	0.054	0.08	6.0	6.4	0.11	234	2.05	0.01
ZZ34661		1.28	29.6	3.82	2.13	0.05	0.07	0.09	0.061	0.16	3.7	10.6	0.10	102	2.15	0.02
ZZ34662		1.47	34.6	4.18	1.92	0.05	0.06	0.04	0.058	0.17	3.8	8.2	0.09	186	1.96	0.03
ZZ34675		2.76	40.7	3.63	5.27	0.06	0.07	0.04	0.061	0.16	2.9	27.8	0.31	123	0.75	0.01
ZZ34676		1.82	49.5	3.66	1.72	0.08	0.08	0.69	0.063	0.09	8.7	1.4	0.03	99	10.25	0.01
ZZ34677		0.62	13.7	1.16	1.13	0.13	0.03	0.29	0.010	0.03	30.8	0.6	0.02	207	21.4	<0.01
ZZ34678		5.12	33.7	8.73	1.66	0.08	0.08	0.32	0.080	0.14	2.9	9.3	0.12	232	4.27	0.01
ZZ34679		0.94	16.0	1.13	1.22	0.09	0.02	0.09	0.019	0.06	26.7	1.9	0.09	117	5.19	0.01
ZZ34680		1.13	21.7	2.34	2.46	0.12	0.04	0.21	0.025	0.07	33.1	5.8	0.18	376	3.91	0.01
ZZ34681		1.39	19.0	2.06	1.80	0.13	0.04	0.27	0.020	0.07	32.8	3.7	0.08	177	3.99	0.01
ZZ34689		6.02	49.1	2.77	1.30	<0.05	0.03	0.27	0.054	0.13	3.5	4.2	0.05	106	2.62	0.01
ZZ34690		0.99	21.6	1.91	2.47	0.06	0.04	0.06	0.023	0.06	16.5	8.1	0.31	369	2.49	0.01
ZZ34691		0.90	20.6	1.93	2.53	0.08	0.04	0.06	0.023	0.07	20.5	8.6	0.26	348	2.61	0.01
ZZ34706		1.39	33.6	3.69	4.48	0.07	0.05	0.01	0.049	0.08	17.1	17.6	0.72	486	10.55	<0.01
ZZ34709		1.43	69.2	7.24	4.52	0.11	0.14	0.10	0.058	0.18	18.5	25.5	0.80	401	21.8	0.01
ZZ34710		0.53	60.6	3.34	1.34	0.10	0.22	0.41	0.053	0.12	5.8	1.8	0.06	71	49.4	0.01
ZZ34715		0.54	80.5	1.89	2.64	0.10	0.07	0.28	0.029	0.07	8.6	4.5	0.41	215	17.55	<0.01
ZZ34716		0.43	73.5	1.67	2.18	0.09	0.06	0.26	0.024	0.07	7.1	4.3	0.12	270	11.10	0.02
ZZ34717		0.45	37.7	3.10	5.07	0.13	0.10	0.06	0.039	0.14	22.8	22.5	0.67	340	1.61	0.01
ZZ34718		0.40	39.8	3.27	5.10	0.14	0.11	0.08	0.039	0.11	25.4	21.8	0.63	504	1.88	0.01
ZZ34719		0.45	31.5	2.89	5.26	0.11	0.08	0.09	0.035	0.12	20.3	22.2	0.61	408	1.59	0.01
ZZ34720		0.56	34.0	4.47	7.46	0.15	0.09	0.11	0.054	0.13	28.2	25.4	0.91	456	2.66	0.01
ZZ34726		0.67	106.0	1.12	2.39	0.12	0.09	0.50	0.023	0.08	11.3	4.4	0.12	90	12.85	0.02
ZZ34727		0.33	63.8	1.96	2.12	0.09	0.06	0.26	0.029	0.07	6.9	3.7	0.11	234	10.05	0.02
ZZ34728		1.73	28.6	3.82	4.44	0.11	0.07	0.65	0.038	0.07	14.6	19.7	0.45	863	1.95	0.01
ZZ34729		1.22	10.1	2.85	6.16	0.09	0.04	0.15	0.033	0.03	19.1	11.1	0.26	284	1.00	0.01
ZZ34730		1.27	10.6	2.66	5.43	0.07	0.04	0.29	0.029	0.05	15.7	13.5	0.34	239	1.21	0.01

***** See Appendix Page for comments regarding this certificate *****

CERTIFICATE OF ANALYSIS WH13121189

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ34539		0.07	40.9	670	22.4	15.0	0.001	0.14	0.35	5.7	<0.2	0.6	35.7	<0.01	0.03	4.2
ZZ34660		0.09	44.4	860	21.2	8.4	0.001	0.07	0.57	4.8	1.0	0.4	25.3	<0.01	0.07	2.7
ZZ34661		0.05	31.9	700	23.1	13.0	0.003	0.37	0.46	5.2	0.6	0.5	32.1	<0.01	0.07	3.3
ZZ34662		<0.05	39.1	860	25.5	13.1	0.001	0.30	0.36	6.0	0.2	0.5	37.5	<0.01	0.03	4.8
ZZ34675		0.06	35.9	560	25.5	18.2	<0.001	0.17	0.39	6.4	<0.2	0.7	36.3	<0.01	0.05	4.3
ZZ34676		<0.05	64.2	1110	15.2	8.7	0.015	0.04	2.52	4.8	5.3	0.6	32.1	0.01	0.06	2.6
ZZ34677		<0.05	126.0	2900	5.1	2.2	<0.001	<0.01	3.65	0.6	4.7	<0.2	66.0	<0.01	<0.01	0.6
ZZ34678		<0.05	90.6	770	16.8	12.4	0.004	0.02	0.44	8.8	6.7	0.8	16.7	<0.01	0.01	2.7
ZZ34679		0.10	29.8	1650	6.0	5.0	<0.001	0.01	1.13	2.1	2.5	0.2	74.8	<0.01	<0.01	1.1
ZZ34680		0.30	70.2	2220	11.2	8.9	<0.001	0.04	2.06	3.1	4.5	0.4	59.7	<0.01	0.01	0.6
ZZ34681		0.18	94.9	2690	8.2	6.9	<0.001	0.01	2.42	3.0	7.7	0.3	68.9	<0.01	<0.01	1.0
ZZ34689		<0.05	64.4	350	11.5	15.4	0.008	0.01	0.49	4.9	2.2	0.5	13.4	<0.01	0.01	2.3
ZZ34690		0.53	46.2	1180	11.9	5.6	<0.001	0.01	1.02	3.6	1.3	0.3	51.9	<0.01	<0.01	2.8
ZZ34691		0.47	45.2	1320	14.5	6.2	<0.001	0.02	1.15	3.4	1.4	0.3	48.6	<0.01	<0.01	2.0
ZZ34706		1.01	91.7	1200	17.6	9.4	<0.001	0.07	1.84	6.5	1.4	0.6	56.2	<0.01	0.09	3.7
ZZ34709		0.21	112.0	1530	36.6	11.2	0.003	0.17	3.15	8.6	1.7	0.6	60.1	<0.01	<0.01	4.3
ZZ34710		0.29	114.5	580	18.0	5.4	0.004	0.09	11.55	5.0	2.8	0.5	31.3	<0.01	0.10	3.8
ZZ34715		0.29	153.5	1140	13.2	5.7	0.007	0.08	9.03	4.4	5.5	0.5	109.0	0.01	0.09	1.5
ZZ34716		0.26	148.5	1150	10.5	4.8	0.006	0.09	6.43	3.2	5.7	0.4	81.4	0.01	0.08	0.9
ZZ34717		0.53	40.6	1060	15.5	10.4	0.001	0.07	0.82	5.5	1.6	0.5	54.9	0.01	0.03	2.1
ZZ34718		0.52	41.0	1020	14.2	9.0	0.002	0.07	0.92	5.1	1.7	0.5	57.7	0.01	0.02	1.9
ZZ34719		0.53	33.7	940	12.2	10.1	0.001	0.06	0.79	5.1	1.4	0.5	53.9	0.01	0.03	1.6
ZZ34720		0.53	41.6	1520	13.9	9.1	0.001	0.04	1.10	10.6	1.5	0.7	46.3	0.01	0.03	3.2
ZZ34726		0.24	208	1480	8.3	6.6	0.008	0.10	7.79	4.9	7.0	0.4	102.0	0.01	0.10	1.1
ZZ34727		0.23	126.0	1100	12.1	4.5	0.006	0.06	5.84	3.8	4.6	0.4	72.2	0.01	0.09	1.4
ZZ34728		0.49	36.5	1180	25.3	11.0	0.001	0.04	1.00	4.8	1.3	0.4	27.4	0.01	0.07	3.0
ZZ34729		1.03	17.9	530	19.0	7.6	<0.001	0.04	0.69	2.5	1.1	0.7	17.9	0.01	0.06	0.9
ZZ34730		0.81	21.1	870	16.1	9.9	<0.001	0.04	0.63	2.6	1.0	0.6	19.4	0.01	0.04	1.1

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121189

Sample Description	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ34539	<0.005	0.20	0.87	32	<0.05	8.61	121	1.8
ZZ34660	<0.005	0.17	0.90	31	<0.05	17.00	168	1.8
ZZ34661	<0.005	0.24	0.51	23	<0.05	8.75	113	2.7
ZZ34662	<0.005	0.27	0.54	18	<0.05	7.09	131	2.4
ZZ34675	<0.005	0.25	0.65	34	<0.05	6.68	105	2.1
ZZ34676	<0.005	0.49	3.16	51	0.05	37.2	266	4.1
ZZ34677	<0.005	0.24	3.61	15	<0.05	43.8	685	1.0
ZZ34678	<0.005	0.15	1.72	25	<0.05	15.25	322	2.7
ZZ34679	<0.005	0.20	4.27	26	<0.05	30.5	126	0.9
ZZ34680	0.010	0.33	4.09	55	0.13	65.0	287	1.0
ZZ34681	0.005	0.36	6.22	49	0.07	61.5	312	1.1
ZZ34689	<0.005	0.11	1.48	35	<0.05	12.45	229	1.8
ZZ34690	0.020	0.20	2.36	38	0.17	24.3	147	1.6
ZZ34691	0.015	0.24	2.74	39	0.20	29.5	150	1.4
ZZ34706	0.040	0.45	1.99	85	0.32	23.5	287	1.9
ZZ34709	<0.005	0.31	1.92	79	<0.05	17.35	251	6.6
ZZ34710	<0.005	0.99	2.49	45	0.11	13.05	682	12.9
ZZ34715	0.005	0.58	6.29	413	0.32	34.6	1150	2.3
ZZ34716	0.006	0.33	6.81	353	0.28	27.0	878	1.9
ZZ34717	0.005	0.14	0.96	47	0.17	15.05	117	3.1
ZZ34718	0.005	0.13	1.29	46	0.20	16.90	99	2.9
ZZ34719	0.007	0.13	0.97	57	0.15	13.95	121	2.1
ZZ34720	0.005	0.17	1.00	107	0.15	23.1	188	1.9
ZZ34726	0.006	0.79	8.81	422	0.33	53.6	1180	2.9
ZZ34727	<0.005	0.26	5.88	291	0.16	26.7	863	1.7
ZZ34728	0.008	0.33	1.63	50	0.31	20.3	133	1.6
ZZ34729	0.025	0.16	0.76	61	0.35	24.2	110	0.5
ZZ34730	0.020	0.19	1.77	59	0.37	24.0	115	0.8

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 16-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121189

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25- JUN- 2013
Account: RCM

CERTIFICATE WH13110536

Project: Nadaleen
P.O. No.: SO13- 01
This report is for 109 Soil samples submitted to our lab in Whitehorse, YT, Canada on 18- JUN- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 25-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ77002	0.23	0.007	0.20	1.33	79.8	<0.2	<10	140	1.15	0.32	1.78	0.46	27.4	19.0	23
ZZ77003	0.20	0.003	0.09	2.08	164.5	<0.2	<10	200	1.06	0.30	0.89	0.43	21.4	22.1	32
ZZ77004	0.16	0.002	0.12	1.77	162.0	<0.2	<10	230	1.05	0.30	1.13	1.60	17.95	21.4	29
ZZ77005	0.16	0.003	0.13	1.82	164.0	<0.2	<10	190	1.02	0.29	0.80	0.50	21.8	23.4	28
ZZ77006	0.15	0.001	0.07	1.87	11.9	<0.2	<10	280	0.80	0.29	0.28	0.42	27.7	15.7	26
ZZ77007	0.21	0.001	0.03	1.83	12.1	<0.2	<10	140	0.78	0.29	0.11	0.15	25.5	11.9	22
ZZ77008	0.27	0.004	0.15	1.95	33.3	<0.2	<10	150	1.32	0.35	0.40	0.33	39.7	23.3	29
ZZ77009	0.18	0.001	0.01	1.00	10.0	<0.2	<10	80	0.20	0.29	0.10	0.13	24.2	5.9	16
ZZ77010	0.21	0.001	0.08	2.25	14.7	<0.2	<10	210	0.82	0.31	0.13	0.53	20.7	15.9	30
ZZ77011	0.18	0.001	0.03	1.46	13.3	<0.2	<10	120	0.51	0.30	0.14	0.18	23.7	9.4	24
ZZ77012	0.21	0.002	0.03	1.55	13.2	<0.2	<10	90	0.45	0.31	0.08	0.09	24.3	7.6	23
ZZ77013	0.21	0.003	0.04	1.33	16.8	<0.2	<10	90	0.89	0.31	0.22	0.44	33.8	18.3	21
ZZ77014	0.19	0.005	0.04	1.52	15.0	<0.2	<10	130	0.48	0.26	0.45	0.26	19.55	14.8	25
ZZ77015	0.23	0.003	0.11	1.58	141.5	<0.2	<10	150	0.83	0.26	0.52	0.21	23.3	19.1	26
ZZ77016	0.14	0.004	0.12	1.57	184.5	<0.2	<10	170	0.95	0.27	0.83	0.31	20.7	15.8	25
ZZ77017	0.28	0.004	0.12	1.83	76.6	<0.2	<10	160	0.92	0.30	0.61	0.24	26.5	17.9	29
ZZ77018	0.15	0.003	0.12	1.71	158.0	<0.2	<10	160	0.91	0.29	0.84	0.33	23.0	20.8	27
ZZ77019	0.32	0.003	0.07	1.94	154.5	<0.2	<10	160	0.82	0.31	0.61	0.28	22.5	19.6	31
ZZ77020	0.24	0.002	0.06	1.72	188.0	<0.2	<10	220	0.73	0.29	0.71	0.23	20.9	13.9	27
ZZ77021	0.26	0.003	0.08	1.74	44.8	<0.2	<10	130	0.96	0.29	0.44	0.25	27.6	21.2	28
ZZ77022	0.37	0.003	0.17	1.12	37.4	<0.2	<10	250	0.76	0.27	1.12	0.35	18.00	15.7	18
ZZ77023	0.28	0.004	0.21	1.18	48.2	<0.2	<10	260	0.81	0.29	0.44	0.29	17.95	16.0	21
ZZ77024	0.11	0.005	0.20	1.28	53.5	<0.2	<10	200	0.95	0.30	0.56	0.26	18.75	18.0	21
ZZ77025	0.27	0.002	0.03	1.47	30.0	<0.2	<10	150	0.60	0.31	0.13	0.23	17.50	15.9	28
ZZ77026	0.28	0.002	0.11	2.19	43.0	<0.2	<10	130	1.51	0.35	0.07	0.46	26.1	19.3	34
ZZ77027	0.38	0.002	0.03	1.97	76.0	<0.2	<10	120	1.02	0.30	0.05	0.25	23.9	19.1	30
ZZ77028	0.31	0.003	0.06	2.10	22.9	<0.2	<10	150	1.32	0.27	0.05	0.31	39.0	14.5	30
ZZ77029	0.20	0.005	0.13	1.99	174.0	<0.2	<10	210	1.31	0.32	0.70	0.37	25.7	22.8	30
ZZ77030	0.23	0.003	0.07	1.82	51.1	<0.2	<10	110	1.06	0.30	0.10	0.47	36.8	16.5	30
ZZ77031	0.32	0.002	0.05	2.39	15.1	<0.2	<10	100	1.01	0.29	0.06	0.31	38.0	11.2	29
ZZ77032	0.22	0.002	0.08	1.73	99.7	<0.2	<10	160	0.89	0.29	0.54	0.22	22.9	19.8	27
ZZ77033	0.13	0.003	0.12	1.60	163.0	<0.2	<10	190	0.97	0.27	0.92	0.33	18.90	17.1	25
ZZ77034	0.12	0.003	0.13	1.63	164.0	<0.2	<10	170	0.92	0.26	0.78	0.32	19.10	17.6	25
ZZ77035	0.15	0.003	0.08	1.37	128.0	<0.2	<10	130	0.80	0.24	0.64	0.22	18.85	14.0	22
ZZ77036	0.17	0.002	0.09	1.39	184.5	<0.2	<10	150	0.86	0.25	0.73	0.20	18.20	12.5	22
ZZ77037	0.07	0.002	0.10	1.38	165.0	<0.2	<10	170	0.75	0.22	1.30	0.33	17.10	15.6	22
ZZ77038	0.19	0.002	0.14	2.44	17.2	<0.2	<10	160	1.19	0.29	0.13	0.23	33.6	25.6	32
ZZ77039	0.19	0.004	0.17	1.71	12.4	<0.2	<10	250	0.86	0.27	0.70	0.30	30.5	17.7	29
ZZ77040	0.32	0.002	0.06	2.00	15.4	<0.2	<10	160	1.04	0.31	0.46	0.23	29.6	19.1	27
ZZ77041	0.22	0.003	0.07	1.81	121.5	<0.2	<10	120	0.84	0.29	0.24	0.20	26.4	17.3	28

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77002		1.90	74.0	4.62	4.23	0.08	0.09	0.16	0.043	0.09	14.0	36.5	1.18	1240	1.34	0.01
ZZ77003		2.34	77.3	4.82	6.44	0.05	0.11	0.09	0.041	0.11	9.6	49.7	0.93	766	0.98	0.01
ZZ77004		1.69	76.2	4.31	6.03	<0.05	0.08	0.07	0.045	0.12	7.9	36.3	0.76	690	0.87	0.01
ZZ77005		2.13	72.9	4.24	5.74	0.05	0.10	0.13	0.039	0.10	9.6	42.3	0.80	966	1.00	0.01
ZZ77006		1.14	23.7	3.44	6.68	0.05	0.03	0.03	0.038	0.05	12.2	32.9	0.41	896	1.02	0.01
ZZ77007		1.08	16.2	3.08	6.13	<0.05	0.02	0.03	0.031	0.04	11.8	28.4	0.29	332	1.31	0.01
ZZ77008		2.92	58.9	5.13	4.96	0.07	0.06	0.10	0.052	0.07	13.8	42.2	0.62	1080	1.20	0.01
ZZ77009		1.24	15.4	2.63	6.95	<0.05	<0.02	0.02	0.021	0.04	11.9	14.9	0.21	245	2.44	0.01
ZZ77010		1.62	23.9	4.40	7.53	<0.05	0.04	0.02	0.040	0.06	10.1	46.8	0.52	596	1.12	0.01
ZZ77011		1.27	13.7	3.57	6.16	<0.05	0.04	0.02	0.028	0.04	11.1	32.9	0.37	328	1.42	0.01
ZZ77012		1.17	19.0	3.85	6.76	<0.05	0.05	0.02	0.032	0.04	12.0	35.9	0.33	217	1.31	0.01
ZZ77013		1.00	34.3	4.21	4.94	0.05	0.06	0.06	0.042	0.05	10.5	23.7	0.34	898	0.82	0.01
ZZ77014		0.99	36.7	4.02	5.99	<0.05	0.04	0.02	0.032	0.06	9.3	36.3	0.53	586	1.09	0.01
ZZ77015		2.57	58.9	4.12	4.90	0.06	0.08	0.15	0.038	0.08	10.6	37.9	0.76	657	0.78	0.01
ZZ77016		2.80	65.8	4.09	4.78	0.05	0.08	0.21	0.038	0.09	9.3	31.9	0.68	433	0.88	0.01
ZZ77017		2.00	72.1	4.28	5.73	0.06	0.09	0.16	0.041	0.11	12.4	43.3	0.89	670	0.78	0.01
ZZ77018		2.63	65.6	4.11	5.45	0.05	0.09	0.16	0.038	0.11	10.3	40.8	0.83	653	0.79	0.01
ZZ77019		2.36	66.6	4.69	6.26	0.05	0.09	0.09	0.040	0.10	10.4	47.4	0.91	606	0.97	0.01
ZZ77020		2.06	42.7	3.99	6.33	<0.05	0.05	0.03	0.040	0.10	9.7	49.8	0.61	445	1.24	0.01
ZZ77021		1.50	67.7	4.41	5.51	0.06	0.08	0.10	0.039	0.09	12.4	36.9	0.77	787	0.98	0.01
ZZ77022		1.37	45.9	3.44	3.49	0.05	0.07	0.12	0.031	0.06	7.7	36.7	0.90	420	1.15	0.01
ZZ77023		1.13	42.8	3.52	3.68	0.05	0.09	0.15	0.034	0.07	8.2	34.2	0.52	422	1.50	0.01
ZZ77024		1.24	51.0	3.86	3.96	0.05	0.10	0.19	0.035	0.08	8.5	35.4	0.56	566	1.46	0.01
ZZ77025		1.43	38.1	4.74	5.97	<0.05	0.03	0.04	0.039	0.07	7.5	32.6	0.47	1260	1.20	0.01
ZZ77026		1.91	40.6	6.12	5.55	<0.05	0.05	0.08	0.070	0.06	7.7	44.6	0.48	1360	1.57	0.01
ZZ77027		1.73	35.8	4.84	5.99	0.05	0.07	0.05	0.055	0.07	8.6	65.4	0.66	1020	1.11	0.01
ZZ77028		1.36	34.4	4.13	5.26	0.05	0.07	0.06	0.054	0.04	10.9	36.3	0.44	705	1.07	0.01
ZZ77029		3.48	104.0	4.67	6.04	0.07	0.12	0.23	0.046	0.11	12.2	36.2	0.75	904	1.09	0.01
ZZ77030		1.54	37.1	4.08	5.41	<0.05	0.06	0.07	0.047	0.07	9.2	46.6	0.63	1040	4.78	0.01
ZZ77031		1.27	21.8	3.76	5.68	<0.05	0.05	0.05	0.036	0.04	13.2	26.8	0.32	774	1.42	0.01
ZZ77032		1.97	60.7	4.13	5.48	0.05	0.07	0.11	0.038	0.09	9.8	39.2	0.71	674	0.89	0.01
ZZ77033		2.69	72.0	3.87	4.90	0.05	0.07	0.22	0.041	0.10	8.4	29.1	0.66	454	0.85	<0.01
ZZ77034		3.00	70.7	3.89	4.98	0.06	0.06	0.21	0.040	0.09	8.5	31.3	0.70	538	0.80	<0.01
ZZ77035		2.56	59.2	3.51	4.42	0.05	0.06	0.18	0.033	0.07	8.3	28.4	0.62	405	0.72	<0.01
ZZ77036		3.55	63.3	3.71	4.26	0.05	0.06	0.22	0.036	0.08	8.2	25.4	0.56	192	0.74	<0.01
ZZ77037		2.75	60.6	3.39	4.25	<0.05	0.06	0.18	0.029	0.08	7.6	27.8	0.78	850	0.78	<0.01
ZZ77038		1.56	65.5	5.03	5.54	0.05	0.06	0.04	0.051	0.05	14.1	43.4	0.72	1040	0.78	<0.01
ZZ77039		1.37	81.0	3.37	5.21	0.06	0.05	0.15	0.037	0.07	15.1	31.3	0.68	554	0.86	0.01
ZZ77040		1.09	54.4	4.40	6.06	<0.05	0.06	0.04	0.036	0.06	10.2	39.6	0.64	722	0.77	<0.01
ZZ77041		2.49	60.4	4.09	5.56	0.05	0.08	0.11	0.038	0.08	11.6	42.4	0.72	440	0.86	<0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77002		0.18	36.7	860	27.2	7.6	<0.001	0.04	0.89	11.0	1.8	0.3	43.3	<0.01	0.07	3.5
ZZ77003		0.30	40.3	550	17.1	16.8	<0.001	0.04	0.52	7.7	1.7	0.4	60.2	<0.01	0.10	2.4
ZZ77004		0.31	35.4	810	16.0	16.1	<0.001	0.05	0.42	6.4	1.5	0.4	80.2	<0.01	0.07	1.6
ZZ77005		0.27	36.6	810	17.7	13.0	0.001	0.05	0.44	7.6	2.1	0.4	58.5	<0.01	0.09	2.1
ZZ77006		0.85	23.6	570	18.3	7.9	<0.001	0.02	0.39	3.4	0.5	0.6	24.8	<0.01	0.04	2.2
ZZ77007		1.18	23.3	320	15.7	8.6	<0.001	0.02	0.51	2.5	0.5	0.6	12.1	<0.01	0.04	2.9
ZZ77008		0.41	37.2	1030	29.1	9.5	<0.001	0.03	0.62	8.0	1.2	0.3	29.1	<0.01	0.07	3.4
ZZ77009		0.95	10.4	260	14.4	9.2	<0.001	0.02	0.42	2.1	0.2	0.6	9.4	<0.01	0.05	2.2
ZZ77010		0.75	24.0	380	18.6	12.6	<0.001	0.02	0.44	4.2	0.4	0.7	13.3	<0.01	0.05	2.9
ZZ77011		1.25	17.7	320	19.2	10.4	<0.001	0.02	0.54	2.4	0.4	0.6	13.5	<0.01	0.03	3.3
ZZ77012		1.33	16.9	250	15.9	8.3	<0.001	0.01	0.55	2.4	0.3	0.6	8.9	<0.01	0.06	3.6
ZZ77013		0.24	21.8	560	27.3	6.7	<0.001	0.04	0.63	4.8	0.9	0.3	21.0	<0.01	0.07	3.2
ZZ77014		0.62	21.7	340	14.0	9.6	<0.001	0.02	0.44	3.2	0.6	0.5	27.7	<0.01	0.06	2.0
ZZ77015		0.23	31.3	670	17.0	10.8	0.001	0.04	0.40	7.2	1.9	0.3	38.5	<0.01	0.07	2.7
ZZ77016		0.26	29.9	790	17.7	10.7	0.002	0.09	0.41	7.6	2.7	0.4	55.0	<0.01	0.08	2.1
ZZ77017		0.27	35.6	830	16.7	9.9	0.001	0.04	0.41	8.6	1.4	0.3	48.2	<0.01	0.07	3.1
ZZ77018		0.30	35.0	790	16.6	12.8	0.001	0.05	0.41	8.0	2.3	0.4	63.4	<0.01	0.07	2.7
ZZ77019		0.32	36.1	500	15.6	14.9	<0.001	0.03	0.49	6.6	1.2	0.4	51.8	<0.01	0.09	2.7
ZZ77020		0.61	26.5	350	15.7	13.5	<0.001	0.02	0.54	4.7	1.0	0.5	48.2	<0.01	0.07	2.5
ZZ77021		0.29	38.0	440	19.0	8.2	<0.001	0.02	0.53	7.9	1.0	0.4	28.3	<0.01	0.08	3.4
ZZ77022		0.09	38.0	610	17.5	4.7	0.001	0.04	0.77	4.9	1.3	0.3	39.8	<0.01	0.06	3.8
ZZ77023		0.13	34.7	760	19.7	5.8	0.001	0.03	0.73	5.3	1.5	0.3	35.9	<0.01	0.06	3.1
ZZ77024		0.17	38.0	660	22.2	6.5	0.001	0.05	0.78	5.4	1.6	0.3	36.2	<0.01	0.06	2.9
ZZ77025		0.19	26.2	740	18.6	19.7	<0.001	0.02	0.54	4.2	0.6	0.4	13.3	<0.01	0.06	2.3
ZZ77026		0.26	31.0	1050	31.2	11.7	<0.001	0.03	0.54	5.0	1.0	0.4	10.3	<0.01	0.08	3.9
ZZ77027		0.24	29.1	410	22.8	11.0	<0.001	0.02	0.39	5.1	1.2	0.4	10.6	<0.01	0.06	4.2
ZZ77028		0.36	30.3	380	17.8	9.0	<0.001	0.02	0.56	5.7	1.0	0.5	10.3	<0.01	0.05	4.8
ZZ77029		0.27	42.4	870	19.4	15.8	0.001	0.05	0.46	10.2	2.6	0.4	54.5	<0.01	0.10	2.5
ZZ77030		0.37	33.3	610	23.8	11.4	<0.001	0.03	0.83	4.3	1.0	0.5	13.1	<0.01	0.06	3.4
ZZ77031		1.22	21.4	500	19.5	8.0	<0.001	0.02	0.58	4.3	0.7	0.6	8.0	0.02	0.04	4.9
ZZ77032		0.30	31.6	620	17.0	11.5	<0.001	0.04	0.41	6.2	1.0	0.4	37.4	<0.01	0.07	2.3
ZZ77033		0.24	31.7	790	17.8	10.7	0.001	0.08	0.52	8.3	1.6	0.4	63.5	<0.01	0.07	1.8
ZZ77034		0.22	32.5	720	16.7	12.1	0.001	0.07	0.50	7.9	1.8	0.4	52.9	<0.01	0.08	2.0
ZZ77035		0.17	28.1	610	17.0	8.8	0.002	0.05	0.47	6.1	1.2	0.3	42.0	<0.01	0.07	2.0
ZZ77036		0.22	27.6	650	17.0	12.0	0.002	0.07	0.46	6.7	1.5	0.3	44.7	<0.01	0.08	1.8
ZZ77037		0.20	27.3	730	14.9	12.5	0.001	0.09	0.47	6.4	2.3	0.3	74.6	<0.01	0.06	1.5
ZZ77038		0.28	39.8	390	28.4	9.8	<0.001	0.02	0.71	6.9	0.8	0.4	10.4	<0.01	0.08	4.1
ZZ77039		0.55	32.0	540	18.2	8.1	<0.001	0.04	0.64	7.7	1.5	0.4	45.7	<0.01	0.06	2.3
ZZ77040		0.33	28.3	410	24.9	8.2	<0.001	0.03	0.59	5.4	0.7	0.4	39.5	<0.01	0.05	3.3
ZZ77041		0.27	32.2	540	15.1	10.2	<0.001	0.02	0.45	7.3	1.4	0.4	24.8	<0.01	0.08	3.2

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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Finalized Date: 25-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77002		0.005	0.19	2.01	38	0.15	23.0	120	3.1
ZZ77003		0.006	0.33	4.69	52	0.15	7.79	115	3.0
ZZ77004		0.007	0.16	4.51	50	0.11	6.16	159	2.0
ZZ77005		0.007	0.25	11.35	47	0.11	10.20	98	2.6
ZZ77006		0.017	0.09	0.92	54	0.21	5.44	69	0.8
ZZ77007		0.021	0.11	0.56	54	0.26	3.65	55	0.8
ZZ77008		0.011	0.11	1.84	36	0.12	19.55	96	2.0
ZZ77009		0.022	0.10	0.38	57	0.22	2.14	38	<0.5
ZZ77010		0.009	0.13	0.38	63	0.17	2.49	74	1.3
ZZ77011		0.028	0.11	0.77	53	0.26	2.91	60	1.4
ZZ77012		0.024	0.11	0.56	57	0.23	2.50	53	2.1
ZZ77013		0.008	0.05	1.07	40	0.08	8.26	70	1.9
ZZ77014		0.012	0.09	1.09	55	0.13	3.03	94	1.3
ZZ77015		0.006	0.30	2.68	43	0.10	10.50	99	2.2
ZZ77016		0.006	0.40	5.83	41	0.07	12.05	88	2.4
ZZ77017		0.008	0.22	3.66	45	0.07	11.85	96	2.5
ZZ77018		0.007	0.35	4.03	45	0.08	10.65	108	2.5
ZZ77019		0.009	0.28	3.38	52	0.08	5.95	115	2.3
ZZ77020		0.010	0.28	3.27	56	0.12	4.41	83	1.4
ZZ77021		0.007	0.14	1.71	47	0.07	11.50	93	2.3
ZZ77022		<0.005	0.10	0.83	26	<0.05	9.47	121	2.6
ZZ77023		<0.005	0.11	1.44	32	0.05	10.55	113	2.7
ZZ77024		<0.005	0.12	1.77	32	0.06	11.20	124	2.9
ZZ77025		<0.005	0.12	0.61	53	0.05	4.54	98	1.1
ZZ77026		<0.005	0.14	1.10	55	0.06	7.18	93	1.9
ZZ77027		<0.005	0.16	1.74	46	0.05	5.87	96	2.6
ZZ77028		0.005	0.13	1.42	48	0.07	7.81	82	2.4
ZZ77029		0.006	0.42	7.87	50	0.08	17.30	103	3.2
ZZ77030		0.006	0.19	1.97	50	0.12	6.33	93	1.9
ZZ77031		0.019	0.14	0.81	55	0.19	6.31	69	2.0
ZZ77032		0.007	0.24	4.31	47	0.07	8.37	89	2.0
ZZ77033		0.006	0.43	3.43	43	0.06	12.00	96	2.1
ZZ77034		0.006	0.41	3.50	42	0.06	11.30	101	2.0
ZZ77035		0.005	0.38	2.92	37	0.05	9.75	86	1.8
ZZ77036		0.006	0.56	3.46	37	0.05	11.15	92	1.8
ZZ77037		0.006	0.38	3.77	37	0.05	10.35	90	1.7
ZZ77038		<0.005	0.12	0.65	46	0.06	9.44	78	2.3
ZZ77039		0.018	0.10	1.86	45	0.18	14.75	75	1.5
ZZ77040		0.006	0.09	0.65	47	0.07	5.93	65	2.2
ZZ77041		0.009	0.26	2.57	46	0.07	8.14	90	2.2

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77042		0.26	0.003	0.09	1.72	85.8	<0.2	<10	170	0.73	0.28	0.52	0.23	18.45	15.5	27
ZZ77043		0.36	0.003	0.08	1.83	74.7	<0.2	<10	140	0.86	0.28	0.35	0.18	27.6	20.1	29
ZZ77044		0.20	0.003	0.13	1.80	179.0	<0.2	<10	190	0.98	0.32	0.55	0.14	22.7	15.6	28
ZZ77045		0.28	0.002	0.09	1.66	116.0	<0.2	<10	150	0.79	0.26	0.55	0.12	18.45	14.2	26
ZZ77046		0.13	0.002	0.05	1.34	121.5	<0.2	<10	110	0.71	0.22	0.58	0.23	16.95	11.5	22
ZZ77047		0.17	0.003	0.12	1.45	185.5	<0.2	<10	170	0.83	0.25	0.86	0.30	18.10	17.8	23
ZZ77048		0.19	0.002	0.08	2.00	15.0	<0.2	<10	180	0.75	0.31	0.14	0.25	25.0	13.8	30
ZZ77049		0.24	0.002	0.04	1.63	14.9	<0.2	<10	110	0.57	0.27	0.22	0.21	22.6	10.6	24
ZZ77050		0.19	0.002	0.02	2.16	13.2	<0.2	<10	100	1.03	0.30	0.08	0.20	35.2	25.3	30
ZZ77051		0.19	0.002	0.07	1.80	11.6	<0.2	<10	170	0.85	0.28	0.62	0.17	24.4	15.3	26
ZZ77052		0.21	0.002	0.03	1.71	13.4	<0.2	<10	120	0.56	0.30	0.07	0.19	24.7	10.4	23
ZZ77053		0.16	0.002	0.06	1.25	10.6	<0.2	<10	120	0.41	0.29	0.58	0.19	26.8	9.3	22
ZZ77054		0.10	0.002	0.15	1.52	184.5	<0.2	<10	170	0.83	0.28	0.81	0.18	17.40	15.1	24
ZZ77055		0.20	0.002	0.08	1.48	149.5	<0.2	<10	130	0.81	0.26	0.55	0.29	18.85	17.7	24
ZZ77056		0.17	0.002	0.07	1.42	140.0	<0.2	<10	150	0.85	0.26	0.45	0.26	19.05	17.3	23
ZZ77057		0.20	0.001	0.10	1.62	131.5	<0.2	<10	270	0.85	0.28	1.06	0.39	15.75	15.8	24
ZZ77058		0.19	0.003	0.11	1.48	136.0	<0.2	<10	160	0.92	0.27	0.83	0.35	18.40	16.0	24
ZZ77059		0.16	0.002	0.10	1.67	133.0	<0.2	<10	180	0.92	0.27	0.63	0.43	19.20	21.9	25
ZZ77060		0.21	0.003	0.11	1.72	129.5	<0.2	<10	170	1.03	0.29	0.39	0.26	24.0	20.3	27
ZZ77061		0.22	0.002	0.10	1.93	137.5	<0.2	<10	200	1.05	0.30	0.47	0.30	23.5	19.2	29
ZZ77062		0.24	0.004	0.09	2.04	136.5	<0.2	<10	190	1.25	0.33	0.36	0.30	27.9	21.5	30
ZZ77063		0.32	0.003	0.14	1.75	118.0	<0.2	<10	220	1.14	0.32	0.86	0.90	18.15	18.2	26
ZZ77064		0.28	0.003	0.03	1.46	67.0	<0.2	<10	110	0.74	0.32	0.10	0.16	17.00	17.1	22
ZZ77065		0.29	0.002	0.04	2.15	32.3	<0.2	<10	150	0.67	0.29	0.03	0.19	20.3	15.8	31
ZZ77066		0.29	0.002	0.03	2.63	15.7	<0.2	<10	210	1.25	0.28	0.14	0.27	17.10	10.9	27
ZZ77067		0.25	0.002	0.04	1.89	28.1	<0.2	<10	90	0.62	0.26	0.02	0.16	15.00	9.2	23
ZZ77068		0.21	0.005	0.17	1.27	46.3	<0.2	<10	220	0.87	0.30	0.46	0.43	18.90	17.1	20
ZZ77069		0.11	0.007	0.25	1.10	48.3	<0.2	<10	240	0.79	0.28	0.65	0.28	16.65	14.9	18
ZZ77070		0.27	0.006	0.12	1.10	38.4	<0.2	<10	200	0.77	0.26	1.39	0.50	19.15	16.3	18
ZZ77071		0.30	0.005	0.16	1.10	37.2	<0.2	<10	310	0.74	0.27	1.04	0.37	18.40	14.5	18
ZZ77072		0.21	0.005	0.15	1.11	43.5	<0.2	<10	200	0.76	0.28	0.76	0.43	18.75	16.7	19
ZZ77073		0.11	0.005	0.16	1.17	40.2	<0.2	<10	160	0.79	0.30	0.52	0.25	19.70	16.7	20
ZZ77074		0.31	0.004	0.04	1.34	25.5	<0.2	<10	80	0.68	0.27	0.03	0.17	23.4	9.9	20
ZZ77075		0.18	0.003	0.02	1.73	17.8	<0.2	<10	140	0.51	0.27	0.04	0.14	21.9	7.1	20
ZZ77076		0.29	0.002	0.02	1.64	38.2	<0.2	<10	80	0.47	0.28	0.02	0.17	17.10	9.7	24
ZZ77077		0.22	0.002	0.04	1.30	32.0	<0.2	<10	110	0.24	0.31	0.04	0.18	21.5	5.8	18
ZZ77078		0.28	0.002	0.06	1.68	56.1	<0.2	<10	190	0.69	0.30	0.08	0.54	17.20	14.4	25
ZZ77079		0.19	0.004	0.09	1.79	147.0	<0.2	<10	140	0.99	0.29	0.37	0.27	24.3	19.3	27
ZZ77080		0.24	0.005	0.20	1.26	50.2	<0.2	<10	300	0.90	0.28	0.34	0.43	21.0	17.2	20
ZZ77081		0.29	0.003	0.03	2.18	39.1	<0.2	<10	80	0.75	0.31	0.02	0.17	16.10	12.0	30

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77042		2.35	47.4	3.89	5.42	<0.05	0.06	0.10	0.034	0.08	8.0	33.8	0.65	559	0.86	<0.01
ZZ77043		2.11	69.1	4.07	5.59	0.05	0.07	0.14	0.035	0.09	12.0	36.8	0.77	208	0.71	<0.01
ZZ77044		4.23	62.8	4.10	5.66	0.05	0.06	0.21	0.041	0.09	11.0	33.9	0.66	432	0.83	<0.01
ZZ77045		3.39	41.6	3.73	5.15	0.05	0.05	0.13	0.038	0.08	8.6	29.5	0.65	501	0.72	<0.01
ZZ77046		2.74	51.3	3.27	4.24	<0.05	0.06	0.17	0.035	0.07	7.5	25.7	0.61	244	0.64	<0.01
ZZ77047		3.00	60.6	3.74	4.32	0.05	0.06	0.23	0.037	0.08	8.2	28.5	0.63	615	0.78	<0.01
ZZ77048		1.46	18.1	3.75	6.60	<0.05	0.06	0.03	0.037	0.06	12.2	33.2	0.42	294	1.33	<0.01
ZZ77049		1.20	23.9	3.38	6.05	<0.05	0.02	0.03	0.031	0.06	10.5	30.8	0.40	300	1.17	<0.01
ZZ77050		1.05	60.2	4.34	5.74	0.05	0.09	0.04	0.038	0.08	14.0	45.5	0.80	977	0.57	<0.01
ZZ77051		0.91	44.6	3.69	5.52	<0.05	0.06	0.05	0.036	0.07	10.5	35.2	0.64	499	0.62	<0.01
ZZ77052		1.21	17.9	3.78	6.36	<0.05	0.05	0.03	0.036	0.04	10.9	27.9	0.31	346	0.98	<0.01
ZZ77053		2.86	53.5	3.88	7.67	<0.05	<0.02	0.03	0.032	0.06	15.0	14.9	0.33	280	1.13	<0.01
ZZ77054		3.31	43.8	3.49	4.74	<0.05	0.07	0.21	0.036	0.09	7.8	26.0	0.57	456	0.75	<0.01
ZZ77055		2.54	54.8	3.81	4.72	0.05	0.06	0.14	0.036	0.07	8.3	30.1	0.69	527	0.78	<0.01
ZZ77056		2.34	56.9	3.67	4.50	0.05	0.05	0.15	0.037	0.07	8.2	27.0	0.62	563	0.71	<0.01
ZZ77057		2.21	52.0	3.53	5.27	<0.05	0.05	0.13	0.041	0.07	7.1	26.6	0.55	676	0.72	<0.01
ZZ77058		3.43	66.5	3.41	4.58	0.05	0.06	0.20	0.039	0.08	8.4	26.1	0.63	460	0.76	<0.01
ZZ77059		2.90	55.1	3.65	5.17	0.05	0.07	0.16	0.039	0.08	8.4	29.7	0.59	827	0.71	<0.01
ZZ77060		2.87	71.8	3.92	5.44	0.06	0.06	0.19	0.040	0.08	10.8	32.1	0.66	699	0.82	<0.01
ZZ77061		2.98	73.7	4.17	6.09	0.05	0.06	0.12	0.047	0.09	10.7	37.1	0.68	569	0.95	<0.01
ZZ77062		3.00	97.8	4.34	6.21	0.08	0.09	0.16	0.042	0.11	13.6	39.4	0.73	671	0.94	<0.01
ZZ77063		2.23	74.1	4.09	5.67	<0.05	0.07	0.11	0.047	0.08	7.7	33.6	0.48	1180	1.17	<0.01
ZZ77064		1.15	47.0	3.77	4.53	<0.05	0.04	0.04	0.035	0.06	7.4	40.0	0.52	568	1.22	<0.01
ZZ77065		2.33	24.4	3.65	6.82	<0.05	0.03	0.04	0.039	0.06	8.9	48.5	0.53	1260	1.14	<0.01
ZZ77066		1.31	20.2	4.30	7.03	<0.05	0.05	0.04	0.049	0.04	6.8	43.1	0.36	655	0.78	<0.01
ZZ77067		1.37	19.0	4.06	5.64	<0.05	0.05	0.06	0.039	0.04	6.3	25.7	0.18	492	0.78	<0.01
ZZ77068		1.39	44.4	3.55	3.96	0.06	0.08	0.16	0.031	0.07	8.4	33.5	0.52	651	1.54	<0.01
ZZ77069		1.24	39.7	3.16	3.45	<0.05	0.08	0.18	0.027	0.06	7.6	29.0	0.45	517	1.49	<0.01
ZZ77070		1.29	44.9	3.24	3.51	0.06	0.07	0.14	0.027	0.07	7.9	33.0	0.86	639	1.14	<0.01
ZZ77071		1.50	43.2	3.19	3.38	0.06	0.05	0.16	0.027	0.06	8.2	33.3	0.84	495	1.20	<0.01
ZZ77072		1.47	46.6	3.37	3.49	0.06	0.05	0.14	0.028	0.06	8.2	32.9	0.78	612	1.28	<0.01
ZZ77073		1.44	47.4	3.32	3.61	0.06	0.08	0.16	0.028	0.07	9.0	33.6	0.55	476	1.17	<0.01
ZZ77074		1.09	28.2	3.59	5.02	<0.05	0.03	0.03	0.037	0.04	9.0	21.2	0.23	467	1.18	<0.01
ZZ77075		0.98	22.0	3.24	7.59	<0.05	0.02	0.02	0.033	0.04	10.1	20.7	0.21	359	0.88	<0.01
ZZ77076		1.43	22.8	4.03	5.82	<0.05	0.02	0.03	0.031	0.05	7.9	33.3	0.42	486	1.24	<0.01
ZZ77077		1.42	14.5	2.63	6.15	<0.05	<0.02	0.02	0.021	0.05	10.3	20.1	0.25	237	0.90	<0.01
ZZ77078		1.41	27.6	4.47	5.90	<0.05	0.03	0.05	0.039	0.05	7.7	40.8	0.35	579	1.33	<0.01
ZZ77079		3.07	70.5	4.03	5.44	0.06	0.06	0.18	0.038	0.09	11.5	33.0	0.70	564	0.82	<0.01
ZZ77080		1.33	51.8	3.43	3.86	0.06	0.07	0.19	0.033	0.06	9.7	31.8	0.49	595	1.42	<0.01
ZZ77081		1.65	27.5	5.57	7.25	<0.05	0.06	0.04	0.047	0.06	7.2	39.4	0.44	608	0.92	<0.01

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Finalized Date: 25-JUN-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77042	0.22	26.3	710	15.5	10.7	<0.001	0.04	0.40	5.9	0.9	0.4	36.8	<0.01	0.08	2.0
ZZ77043	0.23	32.1	530	19.1	9.7	<0.001	0.02	0.51	8.4	1.2	0.4	24.1	<0.01	0.09	3.8
ZZ77044	0.27	30.3	720	17.1	13.5	<0.001	0.03	0.52	8.6	1.7	0.4	36.1	<0.01	0.08	2.9
ZZ77045	0.22	26.7	610	15.8	12.1	<0.001	0.04	0.38	6.8	1.1	0.4	33.0	<0.01	0.08	2.0
ZZ77046	0.18	25.8	550	15.1	9.9	0.001	0.06	0.38	5.8	1.2	0.3	40.5	<0.01	0.07	1.7
ZZ77047	0.20	28.8	700	17.2	11.5	0.001	0.07	0.45	6.6	1.7	0.4	65.6	<0.01	0.06	1.6
ZZ77048	1.47	28.1	330	18.6	11.4	<0.001	0.01	0.59	3.3	0.8	0.6	14.9	<0.01	0.04	3.9
ZZ77049	0.77	18.6	320	15.5	9.7	<0.001	0.01	0.48	3.4	0.4	0.5	25.2	<0.01	0.06	2.7
ZZ77050	0.13	37.5	410	19.0	7.3	<0.001	0.01	0.52	5.7	0.9	0.3	11.1	<0.01	0.09	4.9
ZZ77051	0.29	29.3	530	15.5	8.2	<0.001	0.03	0.49	5.3	0.7	0.3	40.4	<0.01	0.09	2.6
ZZ77052	0.91	17.7	300	16.8	9.5	<0.001	0.01	0.51	2.8	0.6	0.6	7.9	0.01	0.07	3.2
ZZ77053	0.86	15.5	470	10.9	10.9	<0.001	0.02	0.60	3.6	0.7	0.6	33.5	<0.01	0.09	1.5
ZZ77054	0.24	25.9	640	17.3	11.9	<0.001	0.06	0.46	6.6	1.5	0.4	61.2	<0.01	0.09	1.8
ZZ77055	0.17	31.3	540	16.2	9.5	0.001	0.04	0.46	6.5	1.6	0.3	41.8	<0.01	0.10	2.1
ZZ77056	0.18	30.1	460	16.6	8.9	0.001	0.04	0.44	6.5	1.7	0.3	33.6	<0.01	0.09	2.0
ZZ77057	0.24	27.8	760	15.4	10.0	<0.001	0.06	0.37	5.5	1.6	0.4	71.3	<0.01	0.09	1.2
ZZ77058	0.24	31.0	760	15.2	12.2	<0.001	0.08	0.47	7.6	2.1	0.4	56.1	<0.01	0.09	1.7
ZZ77059	0.22	27.1	850	16.0	12.1	0.001	0.07	0.41	6.9	2.4	0.4	45.4	<0.01	0.09	1.8
ZZ77060	0.24	33.2	720	17.2	11.0	<0.001	0.03	0.47	9.2	2.4	0.4	35.7	<0.01	0.10	2.6
ZZ77061	0.25	35.5	650	15.2	14.0	<0.001	0.03	0.48	7.9	1.7	0.4	44.3	<0.01	0.10	2.5
ZZ77062	0.23	40.7	510	17.9	13.5	<0.001	0.02	0.58	10.4	2.1	0.4	36.0	<0.01	0.11	2.9
ZZ77063	0.33	35.4	1030	21.1	13.8	<0.001	0.05	0.71	5.3	1.9	0.5	70.1	<0.01	0.08	1.4
ZZ77064	0.17	34.2	380	19.3	6.6	<0.001	0.01	1.04	4.0	0.8	0.3	17.1	<0.01	0.08	3.2
ZZ77065	0.31	20.8	380	14.9	14.1	<0.001	0.01	0.48	3.8	0.6	0.6	9.1	<0.01	0.07	3.1
ZZ77066	0.46	18.0	590	19.7	8.4	<0.001	0.02	0.39	3.6	0.5	0.6	14.4	0.01	0.07	2.7
ZZ77067	0.35	13.5	370	22.6	10.4	<0.001	0.01	0.43	2.7	0.5	0.5	5.0	<0.01	0.07	2.8
ZZ77068	0.13	36.7	620	20.6	6.4	0.001	0.03	0.93	4.9	1.7	0.3	37.0	<0.01	0.07	2.9
ZZ77069	0.13	33.6	710	19.2	6.3	0.001	0.04	0.92	4.4	1.5	0.3	47.9	<0.01	0.06	2.6
ZZ77070	0.10	36.3	680	17.7	5.0	0.001	0.06	0.88	5.0	1.4	0.3	46.3	<0.01	0.07	3.1
ZZ77071	0.09	36.0	650	17.6	5.1	0.001	0.04	0.92	4.6	1.5	0.3	38.0	<0.01	0.07	3.7
ZZ77072	0.10	37.6	600	19.5	4.9	0.001	0.04	0.93	4.8	1.2	0.3	25.8	<0.01	0.06	3.6
ZZ77073	0.15	36.4	660	20.5	5.7	0.001	0.04	0.93	5.0	1.2	0.3	32.5	<0.01	0.08	3.3
ZZ77074	0.27	18.0	340	18.2	8.0	<0.001	0.01	0.59	3.6	0.5	0.5	6.3	<0.01	0.07	3.4
ZZ77075	0.34	12.9	330	12.1	7.0	<0.001	0.01	0.44	3.5	0.7	0.7	7.4	<0.01	0.08	2.3
ZZ77076	0.22	19.1	350	14.1	11.3	<0.001	0.01	0.54	2.9	0.7	0.4	6.4	<0.01	0.08	2.5
ZZ77077	0.63	12.2	210	13.0	10.2	<0.001	0.01	0.41	2.1	0.4	0.6	7.9	<0.01	0.06	2.3
ZZ77078	0.50	22.2	520	18.2	12.8	<0.001	0.02	0.74	3.3	0.6	0.5	15.9	<0.01	0.08	2.6
ZZ77079	0.24	36.4	630	15.9	12.0	<0.001	0.02	0.43	9.2	1.9	0.4	32.6	<0.01	0.09	3.1
ZZ77080	0.11	42.2	640	19.8	6.4	<0.001	0.02	0.84	5.3	1.6	0.3	31.6	<0.01	0.08	3.1
ZZ77081	0.28	22.3	560	17.9	12.8	<0.001	0.02	0.56	3.6	0.7	0.5	7.4	<0.01	0.09	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77042		0.006	0.27	2.42	46	0.07	6.02	89	1.8
ZZ77043		0.006	0.24	3.23	48	0.05	9.34	89	2.3
ZZ77044		0.006	0.60	3.45	46	0.10	12.35	108	2.0
ZZ77045		0.006	0.48	2.14	44	0.05	9.51	95	1.5
ZZ77046		0.005	0.36	1.79	37	0.05	8.62	81	1.6
ZZ77047		0.005	0.45	2.00	39	0.05	11.20	92	1.7
ZZ77048		0.042	0.12	0.86	65	0.28	3.54	77	2.4
ZZ77049		0.016	0.11	1.17	55	0.17	4.19	69	0.9
ZZ77050		<0.005	0.07	0.63	42	<0.05	7.04	85	4.4
ZZ77051		0.007	0.07	0.65	41	0.07	7.41	69	2.0
ZZ77052		0.016	0.11	0.51	55	0.16	3.51	46	2.1
ZZ77053		0.029	0.08	0.85	68	0.19	6.29	69	<0.5
ZZ77054		0.006	0.53	4.03	39	0.08	8.85	86	2.0
ZZ77055		0.006	0.37	2.12	41	0.06	9.83	94	1.7
ZZ77056		0.005	0.35	2.12	39	0.05	9.87	93	1.7
ZZ77057		0.006	0.32	4.79	44	0.07	8.44	78	1.3
ZZ77058		0.007	0.42	3.48	39	0.06	12.05	86	1.9
ZZ77059		0.005	0.38	5.68	44	0.06	10.10	95	2.2
ZZ77060		0.006	0.36	4.60	44	0.09	12.45	92	2.1
ZZ77061		0.006	0.36	5.50	49	0.06	10.25	89	1.9
ZZ77062		0.006	0.28	4.55	49	0.07	16.50	97	2.6
ZZ77063		0.007	0.20	7.82	48	0.09	9.53	90	1.7
ZZ77064		<0.005	0.13	1.23	34	0.06	4.15	91	1.4
ZZ77065		<0.005	0.17	0.90	51	0.06	3.22	86	1.5
ZZ77066		0.005	0.14	0.60	55	0.06	3.58	71	2.2
ZZ77067		<0.005	0.17	0.64	44	0.07	2.30	60	1.8
ZZ77068		<0.005	0.12	1.61	31	0.05	10.20	122	2.6
ZZ77069		<0.005	0.13	1.70	28	0.05	9.86	110	2.7
ZZ77070		<0.005	0.12	0.95	26	0.05	9.99	108	2.6
ZZ77071		<0.005	0.11	0.86	26	<0.05	9.57	117	2.0
ZZ77072		<0.005	0.13	0.87	28	<0.05	9.36	117	2.1
ZZ77073		<0.005	0.13	1.04	27	0.06	9.81	120	2.8
ZZ77074		<0.005	0.11	0.68	52	0.05	4.23	49	1.7
ZZ77075		0.006	0.12	0.35	63	0.06	2.96	42	0.8
ZZ77076		<0.005	0.12	0.67	45	0.06	2.72	67	1.0
ZZ77077		0.012	0.12	0.41	49	0.10	2.04	53	<0.5
ZZ77078		0.006	0.12	0.98	50	0.09	3.49	115	1.2
ZZ77079		0.006	0.40	2.69	46	0.06	12.50	92	2.0
ZZ77080		<0.005	0.12	1.66	31	0.05	11.85	113	2.1
ZZ77081		<0.005	0.12	0.52	53	<0.05	2.77	95	2.6

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ77082		0.30	0.002	0.02	1.93	46.1	<0.2	<10	80	0.63	0.29	0.20	0.19	16.70	10.9	25
ZZ77083		0.29	0.001	0.01	1.26	28.7	<0.2	<10	110	0.42	0.26	0.03	0.08	18.35	7.3	17
ZZ77084		0.18	0.004	0.04	1.58	14.9	<0.2	<10	100	0.70	0.32	0.16	0.17	25.3	14.1	23
ZZ77085		0.19	0.005	0.01	1.21	12.5	<0.2	<10	130	0.34	0.27	0.25	0.17	18.40	4.8	17
ZZ77086		0.28	0.004	0.06	1.38	12.9	<0.2	<10	90	0.67	0.30	0.35	0.31	27.8	13.5	23
ZZ77087		0.23	0.003	0.11	2.02	22.8	<0.2	<10	220	1.38	0.30	0.16	0.60	47.1	16.6	27
ZZ77088		0.35	0.004	0.18	2.04	18.1	<0.2	<10	290	1.28	0.28	0.34	0.16	32.3	21.2	29
ZZ77089		0.16	0.002	0.06	2.16	14.5	<0.2	<10	140	0.97	0.28	0.10	0.13	27.4	18.4	29
ZZ77090		0.17	0.004	0.17	1.76	10.2	<0.2	<10	240	0.87	0.24	0.80	0.45	28.1	13.6	29
ZZ77091		0.13	0.003	0.09	1.76	11.4	<0.2	<10	170	0.84	0.25	0.43	0.09	28.2	12.7	27
ZZ77092		0.19	0.004	0.15	1.56	10.9	<0.2	<10	180	0.75	0.23	1.15	0.24	22.9	11.3	27
ZZ77093		0.21	0.008	0.09	2.07	12.7	<0.2	<10	220	0.96	0.27	0.60	0.32	25.5	21.2	31
ZZ77094		0.18	0.004	0.11	1.81	12.7	<0.2	<10	220	0.91	0.24	1.19	0.23	20.9	18.0	28
ZZ77095		0.17	0.009	0.16	1.71	9.0	<0.2	10	380	0.92	0.22	1.64	0.22	17.50	16.6	25
ZZ77096		0.21	0.008	0.14	1.68	7.0	<0.2	<10	410	0.89	0.23	1.39	0.20	23.5	12.8	25
ZZ77097		0.15	0.005	0.09	1.60	11.9	<0.2	<10	250	0.83	0.23	1.20	0.27	19.55	21.7	24
ZZ77098		0.17	0.005	0.11	1.50	8.0	<0.2	<10	310	0.77	0.20	1.81	0.24	15.35	12.0	21
ZZ77099		0.16	0.003	0.09	1.63	9.8	<0.2	<10	160	0.65	0.22	0.82	0.16	22.5	13.9	25
ZZ77100		0.11	0.004	0.17	1.67	10.6	<0.2	<10	190	0.80	0.23	1.04	0.13	24.9	11.0	28
ZZ77101		0.23	0.005	0.07	2.19	17.0	<0.2	<10	180	1.17	0.28	0.14	0.16	38.3	14.7	30
ZZ77102		0.26	0.003	0.03	1.83	11.5	<0.2	<10	130	0.77	0.24	0.08	0.09	33.7	10.9	25
ZZ77103		0.33	0.004	0.07	1.90	14.5	<0.2	<10	120	1.01	0.28	2.41	0.21	29.3	20.6	27
ZZ77104		0.12	0.003	0.04	1.45	8.9	<0.2	<10	100	0.53	0.24	0.08	0.20	22.1	8.5	23
ZZ77105		0.21	0.003	0.03	0.96	8.0	<0.2	<10	100	0.26	0.25	0.30	0.28	21.3	6.0	15
ZZ77106		0.12	0.003	0.02	1.84	29.6	<0.2	<10	120	0.75	0.30	0.55	0.26	17.25	18.2	29
ZZ77107		0.28	0.003	0.10	2.50	23.8	<0.2	<10	130	1.41	0.25	0.06	0.53	28.9	13.2	27
ZZ77108		0.29	0.004	0.07	2.14	31.2	<0.2	<10	170	0.93	0.27	0.04	0.29	20.8	12.2	26
ZZ77109		0.24	0.002	0.02	1.81	39.1	<0.2	<10	60	0.53	0.25	0.01	0.18	15.80	10.0	25
ZZ77110		0.26	0.004	0.20	1.24	48.2	<0.2	<10	220	0.83	0.30	0.39	0.57	16.60	16.8	20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description / Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77082	1.67	21.3	3.83	6.07	<0.05	0.02	0.02	0.035	0.05	7.7	36.0	0.45	678	0.99	<0.01
ZZ77083	1.13	20.5	3.41	5.07	<0.05	0.02	0.02	0.029	0.04	8.6	25.3	0.25	182	1.18	<0.01
ZZ77084	1.40	17.3	3.88	5.80	<0.05	0.03	0.03	0.037	0.04	10.6	34.9	0.34	668	1.19	<0.01
ZZ77085	1.02	9.3	3.02	6.10	<0.05	0.02	0.02	0.021	0.03	9.4	19.2	0.24	164	1.38	<0.01
ZZ77086	0.90	27.1	3.76	4.19	0.05	0.06	0.05	0.034	0.04	11.7	35.5	0.63	570	0.59	0.01
ZZ77087	1.19	30.1	5.17	5.11	0.08	0.08	0.06	0.052	0.04	16.4	35.8	0.41	2990	1.13	0.01
ZZ77088	0.71	80.6	5.01	5.62	0.07	0.08	0.24	0.044	0.08	15.4	41.3	0.89	1090	0.63	0.01
ZZ77089	0.88	48.7	4.38	5.52	0.05	0.06	0.05	0.039	0.05	11.4	44.2	0.81	649	0.64	0.01
ZZ77090	0.63	41.6	3.56	5.07	0.05	0.09	0.11	0.031	0.06	13.5	34.8	0.78	441	0.54	0.01
ZZ77091	0.83	31.7	3.33	5.02	0.05	0.06	0.08	0.030	0.06	12.6	30.2	0.68	292	0.57	0.01
ZZ77092	0.77	41.5	3.14	4.47	0.05	0.06	0.11	0.033	0.06	11.5	28.5	0.70	515	0.65	0.01
ZZ77093	0.85	65.9	4.77	5.83	0.05	0.10	0.12	0.040	0.11	11.5	39.8	0.95	702	0.65	0.01
ZZ77094	1.31	86.3	4.23	5.21	0.05	0.09	0.16	0.038	0.12	9.7	32.9	0.96	466	0.55	0.01
ZZ77095	3.13	70.3	3.65	4.69	0.06	0.08	0.16	0.035	0.10	8.1	32.6	0.92	553	0.52	0.01
ZZ77096	4.59	62.2	3.29	5.02	0.05	0.06	0.17	0.046	0.08	12.3	30.5	0.80	372	0.53	0.01
ZZ77097	1.09	67.9	3.95	4.72	<0.05	0.07	0.12	0.033	0.09	9.0	27.2	0.84	709	0.54	0.01
ZZ77098	1.06	46.7	3.03	4.21	<0.05	0.07	0.14	0.029	0.07	7.7	23.6	0.59	949	0.55	0.01
ZZ77099	0.65	26.0	3.23	4.74	<0.05	0.05	0.09	0.029	0.05	10.1	29.0	0.71	695	0.55	0.01
ZZ77100	0.87	29.5	2.99	4.68	0.05	0.06	0.09	0.032	0.05	12.1	23.5	0.59	482	0.77	0.01
ZZ77101	1.07	46.8	4.04	5.67	0.05	0.07	0.05	0.040	0.06	12.7	34.6	0.71	582	0.86	0.01
ZZ77102	0.89	33.4	3.50	5.29	0.05	0.04	0.07	0.028	0.05	15.6	28.7	0.58	375	0.87	0.01
ZZ77103	0.93	72.0	4.58	5.50	0.06	0.10	0.16	0.036	0.09	13.1	41.5	1.04	834	0.53	0.01
ZZ77104	0.76	18.8	3.38	5.27	<0.05	0.03	0.03	0.031	0.04	9.9	31.9	0.45	556	0.61	<0.01
ZZ77105	0.81	16.3	2.35	5.31	<0.05	0.02	0.04	0.022	0.04	10.4	16.9	0.27	233	0.80	<0.01
ZZ77106	1.22	23.7	3.90	4.94	<0.05	0.06	0.03	0.042	0.05	7.6	47.9	0.62	430	1.12	0.01
ZZ77107	1.10	27.7	4.72	5.03	<0.05	0.07	0.08	0.049	0.04	9.0	41.5	0.48	909	0.98	<0.01
ZZ77108	1.32	23.9	4.11	6.10	<0.05	0.05	0.03	0.043	0.04	8.8	35.3	0.42	713	0.91	<0.01
ZZ77109	1.17	22.7	4.33	5.16	<0.05	0.08	0.04	0.034	0.04	7.0	47.8	0.57	254	0.83	<0.01
ZZ77110	1.18	42.6	3.79	3.71	<0.05	0.09	0.15	0.033	0.06	7.1	29.0	0.50	514	1.75	0.01

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Finalized Date: 25-JUN-2013
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CERTIFICATE OF ANALYSIS WH13110536

Sample Description	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77082	0.22	21.1	370	17.1	12.1	<0.001	0.01	0.47	3.1	<0.2	0.5	15.3	<0.01	0.08	2.2
ZZ77083	0.25	16.9	210	12.8	9.6	<0.001	0.01	0.70	2.1	0.4	0.4	7.2	<0.01	0.07	2.8
ZZ77084	0.82	19.1	440	21.4	8.3	<0.001	0.02	0.58	2.8	0.3	0.5	13.8	<0.01	0.06	3.5
ZZ77085	1.27	10.4	240	16.3	7.0	<0.001	0.01	0.50	1.8	0.2	0.6	17.4	<0.01	0.04	2.0
ZZ77086	0.34	25.5	660	19.7	6.5	<0.001	0.02	0.50	4.9	0.7	0.3	23.1	<0.01	0.07	3.4
ZZ77087	0.49	25.4	770	23.6	8.4	<0.001	0.02	0.52	6.1	1.2	0.4	13.9	0.01	0.07	3.6
ZZ77088	0.07	40.2	420	21.4	5.3	<0.001	0.01	0.54	12.3	1.1	0.3	27.9	<0.01	0.09	5.1
ZZ77089	0.21	34.5	240	18.2	8.2	<0.001	<0.01	0.44	4.5	0.5	0.3	12.0	<0.01	0.09	4.1
ZZ77090	0.50	31.6	760	13.2	6.2	<0.001	0.04	0.46	6.6	1.5	0.4	43.2	<0.01	0.08	3.6
ZZ77091	0.56	26.2	500	16.0	7.7	<0.001	0.03	0.36	4.7	0.7	0.4	25.3	<0.01	0.05	2.6
ZZ77092	0.57	25.3	690	12.6	7.3	<0.001	0.06	0.47	4.8	1.6	0.4	39.0	<0.01	0.05	1.4
ZZ77093	0.21	36.9	610	16.3	7.2	0.001	0.04	0.42	7.9	1.7	0.3	26.5	<0.01	0.06	3.1
ZZ77094	0.17	33.3	660	14.5	7.1	0.002	0.06	0.53	7.3	1.6	0.3	40.7	<0.01	0.10	1.9
ZZ77095	0.25	28.9	730	11.8	7.8	0.001	0.10	0.40	7.5	2.4	0.3	51.3	<0.01	0.07	1.2
ZZ77096	0.35	24.4	730	12.1	8.1	0.002	0.10	0.39	9.9	2.4	0.3	42.3	<0.01	0.08	1.2
ZZ77097	0.13	29.9	580	16.5	6.6	0.001	0.06	0.47	6.2	1.5	0.3	40.7	<0.01	0.08	1.5
ZZ77098	0.26	22.4	950	10.6	6.7	0.002	0.13	0.42	3.7	2.3	0.3	63.1	<0.01	0.06	0.7
ZZ77099	0.46	24.8	540	13.5	6.5	<0.001	0.05	0.32	4.0	0.6	0.4	35.0	<0.01	0.05	1.7
ZZ77100	0.66	24.7	680	12.1	7.4	<0.001	0.05	0.41	4.1	0.6	0.4	45.0	<0.01	0.06	1.6
ZZ77101	0.50	37.9	480	17.6	8.4	<0.001	0.01	0.51	5.7	0.9	0.4	13.7	<0.01	0.07	4.6
ZZ77102	0.62	25.5	290	14.7	7.9	<0.001	<0.01	0.39	5.0	0.7	0.5	8.7	<0.01	0.05	3.9
ZZ77103	0.07	37.8	580	18.2	6.1	<0.001	0.01	0.44	9.0	1.0	0.3	105.0	<0.01	0.07	5.0
ZZ77104	0.27	15.8	460	15.2	7.0	<0.001	0.01	0.31	2.6	0.5	0.4	8.7	<0.01	0.06	2.1
ZZ77105	0.50	11.2	270	10.6	8.0	<0.001	0.01	0.31	2.2	0.2	0.5	18.3	<0.01	0.05	1.9
ZZ77106	0.75	32.0	520	20.5	9.0	<0.001	0.03	0.54	3.3	0.7	0.4	29.8	<0.01	0.08	3.1
ZZ77107	0.28	23.7	720	24.2	7.4	<0.001	0.01	0.43	4.9	1.0	0.4	7.7	<0.01	0.06	3.7
ZZ77108	0.30	20.1	390	18.5	10.2	<0.001	0.01	0.38	4.4	0.3	0.6	7.5	<0.01	0.07	2.8
ZZ77109	0.13	23.8	210	14.5	11.5	<0.001	<0.01	0.47	2.9	0.5	0.4	5.8	<0.01	0.07	2.7
ZZ77110	0.16	33.8	680	22.2	7.2	0.001	0.03	0.72	4.5	1.7	0.3	32.5	<0.01	0.07	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77082		<0.005	0.14	0.45	47	0.06	2.58	71	0.9
ZZ77083		<0.005	0.10	0.34	41	0.05	2.29	72	1.4
ZZ77084		0.016	0.11	1.20	46	0.18	4.09	50	1.4
ZZ77085		0.024	0.10	0.32	53	0.18	1.94	36	0.5
ZZ77086		0.009	0.06	0.80	31	0.07	8.71	88	2.4
ZZ77087		0.008	0.09	1.59	38	0.08	15.25	73	2.1
ZZ77088		<0.005	0.07	0.75	44	<0.05	18.30	87	3.7
ZZ77089		<0.005	0.08	0.59	41	<0.05	3.89	68	2.7
ZZ77090		0.012	0.07	2.01	41	0.11	11.50	88	2.8
ZZ77091		0.011	0.08	1.23	42	0.10	8.31	61	1.7
ZZ77092		0.016	0.07	2.05	40	0.10	10.40	77	1.7
ZZ77093		<0.005	0.07	1.09	48	<0.05	10.60	92	3.3
ZZ77094		<0.005	0.07	1.08	45	<0.05	10.40	82	2.9
ZZ77095		0.006	0.08	0.62	40	<0.05	12.50	73	2.3
ZZ77096		0.008	0.08	0.69	46	0.09	14.35	66	1.8
ZZ77097		<0.005	0.06	0.57	43	<0.05	8.42	72	2.1
ZZ77098		0.005	0.08	1.28	33	<0.05	9.83	58	2.1
ZZ77099		0.009	0.07	0.87	39	0.08	6.03	58	1.7
ZZ77100		0.014	0.09	1.34	42	0.16	9.95	54	1.7
ZZ77101		0.009	0.10	0.84	44	0.11	7.67	78	2.5
ZZ77102		0.014	0.09	0.79	45	0.12	8.87	58	1.5
ZZ77103		<0.005	0.06	0.58	40	<0.05	12.30	85	4.8
ZZ77104		0.005	0.08	0.53	36	0.05	3.44	50	0.8
ZZ77105		0.013	0.07	0.41	37	0.09	2.37	43	0.5
ZZ77106		0.010	0.11	0.74	40	0.15	3.54	76	2.3
ZZ77107		<0.005	0.10	1.04	42	<0.05	7.36	69	2.1
ZZ77108		<0.005	0.14	0.59	51	0.05	4.51	103	1.6
ZZ77109		<0.005	0.11	0.28	38	<0.05	2.14	90	2.6
ZZ77110		<0.005	0.10	1.88	32	<0.05	8.98	121	2.6

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110536

CERTIFICATE COMMENTS

Applies to Method:

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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Finalized Date: 28-JUN-2013
Account: RCM

CERTIFICATE WH13110537

Project: Nadaleen

P.O. No.: SO13-01

This report is for 178 Soil samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76501		0.28	0.005	0.22	1.05	41.6	<0.2	<10	360	0.81	0.26	0.42	0.28	17.60	16.0	18
ZZ76502		0.22	0.002	0.18	1.90	193.5	<0.2	<10	240	1.08	0.30	1.13	0.68	19.75	22.9	28
ZZ76503		0.26	0.002	0.15	1.73	173.0	<0.2	<10	210	1.01	0.28	1.14	1.09	18.30	22.5	26
ZZ76504		0.16	0.002	0.12	1.72	126.5	<0.2	10	230	0.88	0.24	1.71	0.55	16.60	17.6	25
ZZ76505		0.12	0.002	0.18	1.30	130.5	<0.2	<10	180	0.80	0.22	1.19	0.33	16.00	15.4	20
ZZ76506		0.12	0.003	0.19	1.42	138.0	<0.2	<10	150	0.77	0.23	0.93	0.30	17.45	16.3	23
ZZ76507		0.29	<0.001	0.09	2.25	17.5	<0.2	<10	120	1.08	0.29	0.19	0.23	22.7	19.8	28
ZZ76508		0.43	0.001	0.10	1.30	14.2	<0.2	<10	200	0.72	0.27	1.13	0.52	23.6	14.1	22
ZZ76509		0.13	0.001	0.11	1.55	7.5	<0.2	10	230	0.65	0.17	2.03	0.34	13.85	14.0	26
ZZ76510		0.22	0.001	0.03	1.17	10.0	<0.2	<10	80	0.22	0.26	0.11	0.10	20.3	4.7	20
ZZ76511		0.29	0.002	0.08	2.07	16.3	<0.2	<10	140	1.28	0.23	0.15	0.37	34.8	20.8	29
ZZ76512		0.26	0.002	0.05	1.58	10.4	<0.2	<10	120	0.49	0.25	0.13	0.18	20.6	8.8	22
ZZ76513		0.11	<0.001	0.09	1.17	124.0	<0.2	10	170	0.70	0.18	1.76	0.34	12.75	14.7	19
ZZ76514		0.25	0.002	0.10	1.44	112.0	<0.2	<10	130	0.82	0.24	0.57	0.28	20.5	18.2	24
ZZ76515		0.32	0.003	0.12	1.56	143.0	<0.2	<10	150	0.93	0.26	0.77	0.18	21.2	16.7	25
ZZ76516		0.22	0.003	0.12	1.57	147.5	<0.2	<10	170	0.94	0.25	0.78	0.26	17.25	18.2	25
ZZ76517		0.14	0.003	0.17	1.55	120.0	<0.2	<10	140	0.89	0.26	0.67	0.34	18.25	15.4	25
ZZ76518		0.22	0.001	0.04	1.37	39.3	<0.2	<10	130	0.41	0.26	0.35	0.31	19.00	9.3	23
ZZ76519		0.36	<0.001	0.07	2.01	140.5	<0.2	<10	180	0.78	0.30	0.13	0.27	21.3	18.2	29
ZZ76520		0.24	0.003	0.03	1.44	16.6	<0.2	<10	150	0.43	0.28	0.10	0.21	23.8	8.0	22
ZZ76521		0.09	0.002	0.11	1.97	129.0	<0.2	<10	260	1.04	0.27	1.06	0.47	19.90	19.3	28
ZZ76522		0.36	<0.001	0.03	1.56	22.8	<0.2	<10	80	0.41	0.22	0.02	0.11	16.80	7.7	23
ZZ76523		0.17	0.004	0.24	1.40	37.9	<0.2	<10	230	0.93	0.25	0.85	0.21	17.45	16.3	21
ZZ76524		0.19	0.003	0.21	1.08	37.1	<0.2	<10	230	0.81	0.24	0.58	0.42	16.60	14.3	19
ZZ76525		0.26	0.005	0.24	1.26	39.8	<0.2	<10	210	0.89	0.29	0.38	0.50	22.5	15.8	22
ZZ76526		0.27	0.005	0.28	1.01	33.8	<0.2	<10	320	0.76	0.26	0.50	0.45	19.55	14.3	19
ZZ76527		0.34	0.003	0.16	1.08	35.9	<0.2	<10	380	0.75	0.25	0.64	0.45	19.20	13.1	19
ZZ76528		0.24	0.004	0.15	1.05	37.1	<0.2	<10	320	0.72	0.24	0.68	0.35	19.85	14.0	18
ZZ76529		0.19	0.003	0.11	1.56	153.0	<0.2	<10	170	0.98	0.27	0.36	0.20	25.6	18.2	25
ZZ76530		0.06	0.002	0.21	0.22	25.2	<0.2	<10	70	0.13	0.07	0.48	0.28	2.16	6.0	5
ZZ76531		0.06	0.002	0.09	1.41	99.2	<0.2	<10	100	0.64	0.22	0.24	0.20	21.1	11.3	23
ZZ76532		0.07	NSS	0.02	0.08	2.5	<0.2	<10	30	0.06	0.03	0.82	0.16	0.78	0.5	2
ZZ76533		0.18	0.003	0.12	1.43	132.0	<0.2	<10	160	0.83	0.27	0.71	0.31	20.6	15.9	24
ZZ76534		0.17	0.003	0.10	1.54	117.5	<0.2	<10	150	0.85	0.24	0.78	0.18	19.90	11.6	24
ZZ76535		0.15	0.003	0.09	1.75	148.5	<0.2	<10	190	0.97	0.28	0.28	0.18	25.0	20.3	28
ZZ76536		0.12	0.002	0.12	1.40	101.5	<0.2	<10	230	0.73	0.22	1.39	0.41	16.25	13.3	21
ZZ76537		0.16	0.002	0.13	1.47	115.5	<0.2	<10	250	0.83	0.21	1.39	0.22	14.60	11.7	22
ZZ76538		0.16	0.003	0.09	1.58	150.0	<0.2	<10	150	0.88	0.24	0.57	0.16	21.5	15.0	25
ZZ76539		0.14	<0.001	0.12	0.99	9.1	<0.2	<10	170	0.42	0.16	2.78	0.30	11.40	9.3	15
ZZ76540		0.17	0.002	0.09	1.64	70.9	<0.2	10	130	0.85	0.23	0.78	0.26	19.90	15.6	28

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Finalized Date: 28- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ76501		1.21	49.3	3.52	3.20	<0.05	0.08	0.17	0.027	0.06	7.5	27.2	0.49	518	1.50	<0.01
ZZ76502		2.99	82.4	4.78	6.35	<0.05	0.07	0.06	0.044	0.13	8.6	37.4	0.78	935	1.00	<0.01
ZZ76503		2.61	84.1	4.27	5.42	<0.05	0.08	0.10	0.041	0.10	7.5	34.7	0.75	809	0.96	<0.01
ZZ76504		1.91	75.5	3.96	4.84	<0.05	0.12	0.14	0.032	0.11	7.0	28.9	0.79	749	0.92	<0.01
ZZ76505		2.78	52.9	3.47	3.91	<0.05	0.07	0.18	0.032	0.08	7.2	22.9	0.59	651	0.86	<0.01
ZZ76506		2.41	55.9	3.64	4.29	<0.05	0.07	0.15	0.033	0.08	7.6	27.6	0.68	514	0.70	<0.01
ZZ76507		1.96	46.4	4.58	5.92	<0.05	0.05	0.03	0.040	0.06	9.4	38.3	0.63	536	0.85	<0.01
ZZ76508		0.94	38.9	3.75	3.50	<0.05	0.06	0.05	0.030	0.06	6.9	31.9	0.56	1240	0.80	<0.01
ZZ76509		1.21	61.4	3.19	4.27	<0.05	0.08	0.18	0.026	0.09	6.6	31.6	0.75	960	0.56	<0.01
ZZ76510		1.14	10.9	3.03	6.29	<0.05	<0.02	0.01	0.019	0.04	10.2	15.6	0.27	198	1.23	<0.01
ZZ76511		1.18	44.6	5.02	4.31	<0.05	0.06	0.04	0.043	0.04	8.6	34.3	0.53	1400	0.80	<0.01
ZZ76512		1.16	17.2	3.82	6.19	<0.05	0.02	0.01	0.028	0.04	9.5	33.5	0.31	264	1.14	<0.01
ZZ76513		1.79	55.7	3.11	3.41	<0.05	0.06	0.17	0.026	0.09	5.2	19.3	0.71	610	0.67	<0.01
ZZ76514		2.59	65.8	3.87	4.40	0.05	0.06	0.12	0.033	0.08	8.7	27.8	0.72	517	0.66	<0.01
ZZ76515		2.59	65.2	3.99	4.98	0.05	0.07	0.19	0.034	0.09	9.3	30.7	0.74	258	0.76	<0.01
ZZ76516		2.92	63.9	3.99	4.86	0.05	0.07	0.19	0.035	0.09	7.2	26.6	0.70	513	0.80	<0.01
ZZ76517		2.73	62.8	3.79	4.77	0.05	0.08	0.17	0.036	0.10	8.0	27.2	0.65	364	0.80	<0.01
ZZ76518		1.44	18.0	3.57	6.00	<0.05	0.02	0.01	0.028	0.06	9.2	39.2	0.43	293	1.37	<0.01
ZZ76519		2.15	55.6	4.70	6.89	<0.05	0.05	0.02	0.044	0.10	8.9	38.5	0.60	500	1.16	<0.01
ZZ76520		1.35	21.8	3.66	6.72	<0.05	0.02	0.04	0.032	0.05	10.7	32.3	0.35	337	1.16	0.01
ZZ76521		2.95	68.2	4.31	5.73	<0.05	0.08	0.12	0.042	0.12	8.2	27.5	0.66	1000	1.34	0.01
ZZ76522		1.28	20.8	3.89	5.06	<0.05	0.03	0.02	0.029	0.05	7.5	41.1	0.42	200	1.26	0.01
ZZ76523		1.67	36.5	3.64	3.81	<0.05	0.08	0.16	0.032	0.07	7.4	29.8	0.52	1250	1.32	0.01
ZZ76524		1.25	40.5	3.40	3.23	<0.05	0.06	0.14	0.025	0.06	7.1	27.9	0.46	687	1.49	0.01
ZZ76525		1.77	50.1	3.92	3.75	<0.05	0.07	0.19	0.034	0.09	9.6	34.6	0.59	279	1.60	0.01
ZZ76526		1.45	45.8	3.52	3.14	<0.05	0.07	0.16	0.032	0.07	8.5	28.6	0.52	489	1.76	0.01
ZZ76527		1.30	41.1	3.48	3.20	<0.05	0.07	0.43	0.032	0.07	8.1	30.1	0.64	478	1.37	0.01
ZZ76528		1.35	41.1	3.55	3.17	<0.05	0.06	0.14	0.028	0.06	8.2	29.4	0.73	481	1.32	0.01
ZZ76529		3.58	64.6	4.22	4.81	0.05	0.06	0.19	0.037	0.09	11.6	28.7	0.64	742	0.87	0.01
ZZ76530		0.86	11.7	1.25	0.52	0.07	<0.02	0.12	0.008	0.04	1.1	0.9	0.05	420	1.04	0.01
ZZ76531		3.04	38.4	3.56	4.33	<0.05	0.05	0.18	0.035	0.09	9.1	24.5	0.58	301	0.93	0.01
ZZ76532		0.14	6.1	0.14	0.21	0.07	<0.02	0.08	<0.005	0.03	0.4	0.5	0.05	74	0.46	0.01
ZZ76533		2.88	52.7	4.10	4.44	<0.05	0.05	0.18	0.033	0.10	8.8	24.6	0.63	540	0.80	0.01
ZZ76534		2.99	46.2	3.82	4.63	<0.05	0.06	0.21	0.032	0.09	8.7	25.5	0.68	304	0.71	0.01
ZZ76535		3.04	55.9	4.47	5.42	0.05	0.06	0.15	0.046	0.10	9.8	31.3	0.73	796	0.93	0.01
ZZ76536		2.78	46.4	3.48	3.98	<0.05	0.07	0.16	0.031	0.09	7.0	22.0	0.58	580	0.67	0.01
ZZ76537		2.93	60.5	3.49	4.10	<0.05	0.07	0.19	0.031	0.08	6.6	20.6	0.49	533	0.73	0.01
ZZ76538		3.49	50.1	4.18	4.65	<0.05	0.05	0.16	0.034	0.09	9.0	26.3	0.68	492	0.83	0.01
ZZ76539		0.90	26.2	2.30	3.42	<0.05	0.04	0.09	0.022	0.05	5.0	11.8	0.29	613	0.61	0.01
ZZ76540		2.33	64.2	3.66	4.71	<0.05	0.06	0.18	0.037	0.10	8.0	29.8	0.89	321	0.48	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76501		0.12	33.1	450	20.0	5.6	0.001	0.05	1.01	4.6	1.1	0.5	34.0	<0.01	0.09	2.9
ZZ76502		0.32	36.1	760	16.8	15.8	<0.001	0.06	0.61	6.1	1.6	0.6	92.1	<0.01	0.12	1.8
ZZ76503		0.27	35.6	800	15.5	13.4	0.001	0.07	0.55	5.5	1.8	0.4	81.1	<0.01	0.10	1.5
ZZ76504		0.27	30.6	850	14.0	12.0	0.001	0.10	0.59	6.3	2.7	0.4	107.0	<0.01	0.08	1.7
ZZ76505		0.29	24.0	910	14.3	11.8	0.001	0.10	0.58	6.0	2.1	0.5	81.6	<0.01	0.09	1.6
ZZ76506		0.25	26.2	740	14.3	11.2	0.003	0.07	0.53	6.1	2.1	0.4	64.8	<0.01	0.09	1.7
ZZ76507		0.30	27.7	310	17.8	10.2	<0.001	0.03	0.54	5.4	0.5	0.6	18.3	<0.01	0.07	3.6
ZZ76508		0.33	22.4	840	18.6	7.6	<0.001	0.08	0.69	3.3	1.6	0.4	68.6	<0.01	0.07	1.3
ZZ76509		0.23	24.4	790	9.2	10.1	0.002	0.14	0.64	4.5	2.9	0.3	101.5	<0.01	0.06	1.1
ZZ76510		1.11	10.0	320	10.6	8.1	<0.001	0.02	0.49	1.5	0.2	0.7	9.4	<0.01	0.05	0.8
ZZ76511		0.41	31.5	700	20.1	7.9	<0.001	0.03	0.53	4.8	0.6	0.4	11.6	<0.01	0.07	3.3
ZZ76512		0.93	13.2	310	13.4	8.6	<0.001	0.02	0.47	2.4	0.4	0.6	10.2	<0.01	0.08	2.6
ZZ76513		0.22	23.4	790	11.1	11.4	0.002	0.11	0.46	5.3	2.4	0.3	114.0	<0.01	0.09	1.2
ZZ76514		0.24	29.0	610	14.8	8.8	0.001	0.04	0.50	7.2	1.3	0.4	42.6	<0.01	0.10	2.5
ZZ76515		0.27	28.1	710	17.3	10.4	0.001	0.07	0.49	7.2	1.8	0.4	63.7	<0.01	0.10	2.1
ZZ76516		0.28	29.9	710	15.4	12.2	0.002	0.10	0.57	7.4	1.9	0.5	56.6	<0.01	0.09	1.8
ZZ76517		0.32	28.2	720	15.5	11.9	0.001	0.08	0.61	6.9	1.8	0.4	45.2	<0.01	0.09	1.8
ZZ76518		1.08	16.2	280	14.3	11.0	0.001	0.02	0.72	2.3	0.6	0.6	28.2	<0.01	0.06	2.2
ZZ76519		0.37	26.6	530	17.3	14.2	<0.001	0.03	0.43	5.0	0.7	0.6	18.9	<0.01	0.10	2.5
ZZ76520		0.65	15.9	280	16.1	10.2	<0.001	0.02	0.57	2.8	0.4	0.8	10.0	<0.01	0.06	2.6
ZZ76521		0.26	32.7	970	15.7	13.9	<0.001	0.07	0.45	6.7	2.1	0.6	83.6	<0.01	0.07	1.8
ZZ76522		0.19	20.7	200	13.2	12.9	0.001	0.01	0.49	2.4	0.6	0.6	8.9	<0.01	0.05	2.6
ZZ76523		0.15	29.8	910	19.2	10.4	0.002	0.10	0.76	4.4	1.3	0.5	54.6	<0.01	0.06	2.0
ZZ76524		0.11	33.9	630	18.3	5.9	0.002	0.06	0.89	4.2	1.5	0.4	38.4	<0.01	0.06	2.5
ZZ76525		0.14	39.5	650	22.3	6.4	0.001	0.04	1.00	5.6	1.6	0.4	30.7	<0.01	0.06	4.0
ZZ76526		0.11	37.9	710	20.0	5.4	0.002	0.05	0.96	4.7	1.6	0.4	33.5	<0.01	0.07	3.3
ZZ76527		0.11	33.8	640	18.5	5.3	0.001	0.04	0.85	4.4	1.2	0.4	30.6	<0.01	0.06	3.1
ZZ76528		0.09	33.8	600	17.1	4.7	0.001	0.03	0.77	4.2	1.2	0.4	24.3	<0.01	0.05	3.6
ZZ76529		0.27	35.3	700	16.9	11.9	0.001	0.02	0.43	8.2	1.7	0.5	27.4	<0.01	0.08	3.2
ZZ76530		0.12	8.4	1100	3.2	2.3	0.001	0.13	0.28	2.4	0.7	<0.2	33.4	<0.01	0.01	0.2
ZZ76531		0.29	21.7	770	13.9	10.0	0.001	0.04	0.36	5.5	0.8	0.5	21.1	<0.01	0.05	2.7
ZZ76532		0.06	3.1	560	1.3	1.2	<0.001	0.11	0.24	0.1	<0.2	<0.2	47.6	<0.01	<0.01	<0.2
ZZ76533		0.22	29.4	710	16.9	9.8	<0.001	0.04	0.40	6.9	1.3	0.5	41.5	<0.01	0.07	2.2
ZZ76534		0.22	25.0	630	15.8	10.0	0.001	0.06	0.29	6.6	1.9	0.5	45.3	<0.01	0.08	1.9
ZZ76535		0.23	35.6	650	20.4	12.0	<0.001	0.03	0.36	8.5	1.6	0.5	29.4	<0.01	0.08	2.8
ZZ76536		0.24	26.8	840	14.1	11.6	0.001	0.10	0.35	5.6	1.8	0.4	95.8	<0.01	0.05	1.2
ZZ76537		0.25	27.6	920	13.0	11.9	0.004	0.13	0.49	5.6	3.8	0.5	114.0	<0.01	0.08	1.2
ZZ76538		0.20	28.1	660	16.1	11.8	0.001	0.05	0.32	6.8	1.7	0.5	42.7	<0.01	0.06	2.0
ZZ76539		0.34	12.7	1180	9.7	5.8	<0.001	0.13	0.27	2.2	0.9	0.4	126.5	<0.01	0.03	0.4
ZZ76540		0.19	30.4	590	16.2	11.2	0.002	0.09	0.22	7.4	2.8	0.5	56.3	<0.01	0.08	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76501		<0.005	0.13	1.22	29	<0.05	9.69	111	2.5
ZZ76502		0.006	0.31	5.16	52	0.06	7.67	114	1.9
ZZ76503		0.007	0.28	7.64	44	0.06	7.89	98	2.0
ZZ76504		0.005	0.30	15.25	41	0.05	8.94	104	3.4
ZZ76505		0.006	0.38	4.43	33	0.05	9.57	99	1.8
ZZ76506		0.006	0.32	5.70	37	0.09	8.98	104	2.0
ZZ76507		<0.005	0.14	0.50	47	0.06	4.65	69	1.9
ZZ76508		0.010	0.07	1.17	28	0.08	6.53	105	1.5
ZZ76509		0.006	0.08	1.13	30	<0.05	8.40	128	2.2
ZZ76510		0.032	0.13	0.44	56	0.22	1.74	42	<0.5
ZZ76511		0.007	0.10	0.78	42	0.08	7.01	78	2.0
ZZ76512		0.015	0.10	0.40	57	0.17	2.38	54	0.9
ZZ76513		0.005	0.34	5.54	32	<0.05	8.29	100	2.0
ZZ76514		0.007	0.32	1.69	41	<0.05	9.34	96	1.7
ZZ76515		0.006	0.36	3.43	41	0.05	11.45	87	2.1
ZZ76516		0.006	0.45	5.25	41	0.05	10.15	97	2.0
ZZ76517		0.006	0.42	4.93	41	0.06	10.15	102	2.0
ZZ76518		0.022	0.12	0.85	50	0.19	2.49	92	0.6
ZZ76519		0.005	0.22	2.89	59	0.06	4.21	86	1.4
ZZ76520		0.013	0.11	0.51	57	0.14	2.57	66	0.9
ZZ76521		0.006	0.34	6.18	51	0.08	9.68	87	2.4
ZZ76522		<0.005	0.13	0.32	41	<0.05	2.14	70	1.9
ZZ76523		<0.005	0.15	2.90	32	0.05	9.71	109	2.3
ZZ76524		<0.005	0.12	1.50	29	0.05	9.23	123	2.1
ZZ76525		<0.005	0.17	1.21	33	0.05	10.65	143	2.5
ZZ76526		<0.005	0.12	1.20	30	<0.05	10.55	138	2.5
ZZ76527		<0.005	0.12	0.85	28	<0.05	8.78	124	2.2
ZZ76528		<0.005	0.12	0.77	27	0.05	8.21	120	2.0
ZZ76529		0.008	0.58	3.06	43	0.08	12.65	106	1.9
ZZ76530		<0.005	0.16	1.09	4	<0.05	2.14	91	0.5
ZZ76531		0.008	0.45	1.77	40	0.05	7.21	121	1.5
ZZ76532		<0.005	0.03	0.11	2	<0.05	0.49	120	<0.5
ZZ76533		0.007	0.43	2.81	40	0.06	9.69	109	1.7
ZZ76534		0.006	0.46	2.97	41	0.05	10.30	100	1.7
ZZ76535		0.006	0.50	3.92	47	0.05	9.89	116	1.8
ZZ76536		0.006	0.38	6.29	35	0.05	9.06	133	2.0
ZZ76537		0.005	0.41	17.60	35	0.06	9.23	102	2.2
ZZ76538		0.006	0.47	3.48	42	0.08	10.05	98	1.6
ZZ76539		0.010	0.07	2.72	28	0.06	4.04	43	1.3
ZZ76540		0.006	0.37	1.60	43	<0.05	9.98	104	2.0

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 28- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76541		0.05	0.002	0.08	0.86	30.4	<0.2	10	130	0.38	0.12	2.12	0.39	8.08	7.7	13
ZZ76542		0.13	0.002	0.08	2.16	13.3	<0.2	<10	140	1.08	0.27	0.31	0.15	32.7	17.6	29
ZZ76543		0.17	0.001	0.07	1.75	12.6	<0.2	<10	80	0.58	0.24	0.05	0.11	26.8	11.3	23
ZZ76544		0.13	0.002	0.09	1.67	10.9	<0.2	<10	120	0.91	0.23	1.14	0.19	27.3	13.1	24
ZZ76545		0.17	0.001	0.10	1.50	142.0	<0.2	<10	150	0.76	0.23	0.93	0.14	16.60	13.9	24
ZZ76546		0.14	0.001	0.08	1.69	149.5	<0.2	<10	140	0.91	0.26	0.26	0.50	22.2	17.5	27
ZZ76547		0.13	0.002	0.12	1.40	148.5	<0.2	<10	180	0.56	0.24	0.95	0.23	15.70	15.8	22
ZZ76548		0.11	0.002	0.11	1.30	69.5	<0.2	<10	150	0.65	0.19	1.25	0.26	15.00	11.9	20
ZZ76549		0.12	0.003	0.13	1.54	143.5	<0.2	<10	170	0.88	0.23	0.88	0.29	18.90	15.2	25
ZZ76550		0.15	0.009	0.13	1.61	89.7	<0.2	<10	130	0.98	0.26	0.39	0.29	27.3	16.1	27
ZZ76551		0.27	0.003	0.11	1.52	129.0	<0.2	<10	160	0.89	0.24	0.27	0.22	25.6	13.8	25
ZZ76552		0.14	0.002	0.06	1.92	173.5	<0.2	<10	130	0.97	0.27	0.10	0.18	25.7	18.3	29
ZZ76553		0.29	0.003	0.10	1.82	145.5	<0.2	<10	180	0.94	0.28	0.42	0.37	22.2	16.3	28
ZZ76554		0.20	0.003	0.13	1.12	37.0	<0.2	<10	350	0.75	0.25	1.06	0.45	17.90	14.5	19
ZZ76555		0.16	0.003	0.13	1.07	40.8	<0.2	<10	210	0.71	0.24	1.33	0.40	18.05	14.0	18
ZZ76556		0.11	0.003	0.19	1.42	61.3	<0.2	<10	170	0.98	0.33	0.55	0.13	20.9	16.4	23
ZZ76557		0.13	0.003	0.23	1.78	162.5	<0.2	<10	200	0.95	0.28	0.74	0.43	21.7	18.7	27
ZZ76558		0.25	0.003	0.05	1.93	159.0	<0.2	<10	140	0.82	0.29	0.23	0.32	24.1	22.6	30
ZZ76559		0.20	0.003	0.11	1.79	149.5	<0.2	<10	140	0.87	0.28	0.34	0.13	23.9	16.4	29
ZZ76560		0.17	0.003	0.19	1.81	221	<0.2	10	380	1.05	0.28	0.66	1.31	22.9	42.6	27
ZZ76561		0.12	0.001	0.06	1.57	138.5	<0.2	10	130	0.83	0.24	0.50	0.37	20.0	17.2	24
ZZ76562		0.27	0.003	0.10	1.48	116.5	<0.2	<10	150	0.79	0.23	0.85	0.32	20.7	16.5	24
ZZ76563		0.10	0.001	0.10	1.05	60.3	<0.2	<10	200	0.47	0.18	0.78	0.63	13.50	13.7	17
ZZ76564		0.15	0.002	0.15	0.65	3.0	<0.2	<10	180	0.31	0.10	4.09	0.54	6.47	5.4	9
ZZ76565		0.14	0.002	0.13	1.35	6.7	<0.2	<10	150	0.62	0.18	2.33	0.31	16.05	11.2	20
ZZ76566		0.15	0.002	0.17	1.72	8.8	<0.2	10	240	0.86	0.19	2.40	0.36	15.05	10.3	21
ZZ76567		0.21	0.001	0.05	2.03	12.9	<0.2	<10	140	0.59	0.29	0.11	0.15	27.6	10.7	30
ZZ76568		0.22	0.002	0.17	1.19	39.4	<0.2	<10	240	0.78	0.27	0.96	0.41	19.80	16.8	20
ZZ76569		0.11	0.002	0.10	0.97	33.5	<0.2	<10	170	0.56	0.23	0.86	0.36	14.40	12.3	16
ZZ76570		0.13	0.006	0.18	1.24	52.3	<0.2	<10	200	0.78	0.30	0.65	0.79	17.75	15.8	20
ZZ76571		0.27	<0.001	0.03	1.57	57.0	<0.2	<10	330	0.47	0.31	0.49	0.23	16.35	10.6	22
ZZ76572		0.19	0.003	0.16	1.92	165.0	<0.2	<10	180	0.95	0.30	0.74	0.56	22.1	20.5	29
ZZ76573		0.20	0.002	0.08	1.93	173.5	<0.2	<10	160	1.07	0.32	0.37	0.16	26.6	20.8	30
ZZ76574		0.17	0.003	0.10	1.64	112.5	<0.2	<10	140	0.82	0.26	0.31	0.17	23.0	17.0	27
ZZ76575		0.27	0.004	0.11	1.66	122.5	<0.2	<10	200	0.91	0.26	0.37	0.23	23.9	19.8	27
ZZ76576		0.15	0.002	0.07	1.75	86.9	<0.2	<10	210	0.78	0.28	1.20	0.31	22.6	18.3	26
ZZ76577		0.36	0.002	0.10	1.95	37.7	<0.2	<10	140	0.71	0.25	0.94	0.26	24.9	16.8	30
ZZ76578		0.15	<0.001	0.10	1.51	9.7	<0.2	<10	140	0.65	0.22	1.58	0.28	18.00	12.1	21
ZZ76579		0.08	0.003	0.13	1.24	7.6	<0.2	10	180	0.61	0.16	3.05	0.46	10.05	9.2	16
ZZ76580		0.18	<0.001	0.06	1.90	8.7	<0.2	<10	140	0.50	0.24	0.24	0.27	26.2	13.0	27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76541	1.21	22.2	1.97	2.46	<0.05	0.04	0.11	0.018	0.07	3.6	12.9	0.53	346	0.60	0.02
ZZ76542	1.03	60.3	4.69	5.78	0.05	0.07	0.10	0.040	0.11	14.5	46.8	0.85	605	0.54	0.01
ZZ76543	0.92	36.8	4.32	5.80	<0.05	0.05	0.03	0.032	0.07	12.3	31.4	0.51	280	0.71	0.01
ZZ76544	0.98	50.0	3.80	4.76	<0.05	0.06	0.09	0.029	0.09	12.2	31.6	0.68	464	0.60	0.01
ZZ76545	2.94	45.9	3.96	4.42	<0.05	0.05	0.16	0.034	0.08	7.3	22.6	0.62	440	0.76	0.01
ZZ76546	2.99	51.7	4.40	4.85	<0.05	0.06	0.19	0.036	0.11	9.5	25.9	0.65	657	0.79	0.01
ZZ76547	3.52	30.5	3.90	4.17	<0.05	0.06	0.18	0.029	0.09	6.6	20.4	0.54	702	0.76	0.01
ZZ76548	1.95	43.7	3.18	3.70	<0.05	0.06	0.14	0.028	0.07	6.5	20.9	0.54	513	0.62	0.01
ZZ76549	3.19	56.9	3.97	4.47	<0.05	0.06	0.22	0.035	0.10	8.3	23.4	0.64	825	0.71	0.01
ZZ76550	3.32	73.5	3.97	4.87	0.05	0.07	0.24	0.038	0.11	12.0	29.3	0.70	167	0.71	0.01
ZZ76551	3.21	72.6	4.26	4.61	0.06	0.05	0.21	0.030	0.09	11.4	26.0	0.66	324	0.78	0.01
ZZ76552	3.09	62.2	4.64	5.65	0.05	0.06	0.14	0.036	0.11	11.2	30.2	0.70	643	0.91	0.01
ZZ76553	2.89	56.8	4.45	5.57	<0.05	0.07	0.14	0.040	0.11	9.7	32.5	0.68	630	1.06	0.01
ZZ76554	1.19	43.4	3.62	3.26	<0.05	0.06	0.13	0.025	0.07	7.4	32.1	0.82	591	1.20	0.01
ZZ76555	1.39	42.2	3.58	3.24	<0.05	0.07	0.15	0.026	0.07	7.6	29.8	0.87	564	1.10	0.01
ZZ76556	2.10	41.7	3.77	4.43	0.05	0.07	0.20	0.040	0.09	9.3	36.3	0.59	403	1.37	0.01
ZZ76557	3.33	57.8	3.97	5.44	<0.05	0.08	0.17	0.046	0.12	9.5	32.5	0.65	602	0.95	0.01
ZZ76558	4.00	53.0	4.41	5.87	0.05	0.06	0.20	0.043	0.13	10.7	34.6	0.75	669	0.89	0.01
ZZ76559	4.09	48.6	4.04	5.58	0.05	0.06	0.22	0.043	0.12	10.7	31.7	0.68	456	0.85	0.01
ZZ76560	4.33	72.3	4.96	5.52	0.06	0.09	0.27	0.041	0.13	9.7	29.8	0.66	6780	1.35	0.01
ZZ76561	3.56	44.2	3.66	4.78	<0.05	0.06	0.20	0.034	0.11	9.1	22.9	0.54	615	0.73	0.01
ZZ76562	2.74	55.6	3.74	4.45	0.05	0.06	0.23	0.034	0.09	10.0	26.1	0.66	482	0.74	0.01
ZZ76563	1.89	29.9	2.47	3.45	<0.05	0.05	0.17	0.025	0.09	5.9	12.9	0.31	616	0.65	0.01
ZZ76564	0.60	20.8	0.96	1.63	<0.05	0.04	0.14	0.008	0.03	3.6	5.3	0.17	829	0.25	0.02
ZZ76565	0.90	41.0	2.62	3.83	<0.05	0.07	0.12	0.022	0.08	8.4	23.6	0.58	428	0.45	0.01
ZZ76566	1.11	59.1	3.00	4.10	0.05	0.10	0.18	0.029	0.11	9.7	21.6	0.54	368	0.52	0.02
ZZ76567	1.51	21.4	3.75	6.77	<0.05	0.04	0.06	0.033	0.08	13.1	31.2	0.44	296	1.23	0.01
ZZ76568	1.64	42.4	3.64	3.57	0.05	0.06	0.17	0.026	0.07	8.7	36.2	0.88	455	1.13	0.01
ZZ76569	1.25	28.0	2.85	2.95	<0.05	0.07	0.17	0.020	0.09	6.4	25.7	0.45	373	1.04	0.01
ZZ76570	1.56	36.2	3.54	3.65	<0.05	0.09	0.28	0.028	0.10	7.8	31.4	0.53	649	1.35	0.02
ZZ76571	1.31	21.6	4.31	6.57	<0.05	0.03	0.04	0.028	0.07	7.6	35.9	0.41	569	0.88	0.01
ZZ76572	4.38	55.5	4.30	5.83	<0.05	0.09	0.18	0.044	0.13	9.6	32.5	0.75	737	0.97	0.01
ZZ76573	4.61	62.4	4.42	5.73	0.05	0.08	0.23	0.040	0.12	11.9	34.9	0.77	701	0.90	0.01
ZZ76574	3.16	58.8	3.91	4.85	0.05	0.05	0.20	0.033	0.11	10.3	27.9	0.68	652	0.81	0.01
ZZ76575	3.26	65.5	4.41	4.75	0.05	0.06	0.24	0.033	0.11	10.7	26.9	0.66	476	0.68	0.01
ZZ76576	2.40	46.2	4.03	5.37	<0.05	0.05	0.11	0.032	0.10	10.2	34.3	0.60	1160	0.86	0.01
ZZ76577	0.81	47.5	5.29	5.57	0.05	0.06	0.10	0.033	0.08	11.0	38.8	1.08	350	0.51	0.01
ZZ76578	1.08	45.3	3.24	4.52	<0.05	0.05	0.08	0.025	0.08	8.5	29.8	0.58	357	0.48	0.01
ZZ76579	0.84	49.8	2.46	3.13	<0.05	0.06	0.14	0.021	0.09	5.9	18.4	0.46	410	0.51	0.02
ZZ76580	1.06	23.0	3.54	6.29	<0.05	0.04	0.03	0.024	0.08	12.1	40.2	0.69	385	0.63	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76541	0.16	14.0	810	7.6	8.6	<0.001	0.20	0.23	3.1	1.2	0.3	121.0	<0.01	0.02	0.7
ZZ76542	0.12	37.6	380	16.4	8.6	<0.001	0.02	0.40	8.0	0.6	0.4	22.9	<0.01	0.05	4.3
ZZ76543	0.24	22.5	300	14.2	9.5	<0.001	0.02	0.33	3.6	0.4	0.5	6.1	<0.01	0.07	3.3
ZZ76544	0.26	29.8	590	14.0	7.4	<0.001	0.06	0.44	5.5	0.9	0.4	47.3	<0.01	0.06	2.2
ZZ76545	0.22	24.9	620	15.0	10.3	0.001	0.06	0.31	6.3	1.1	0.5	41.4	<0.01	0.07	1.5
ZZ76546	0.22	27.2	730	17.7	13.8	<0.001	0.04	0.36	6.8	1.4	0.5	22.8	<0.01	0.08	2.4
ZZ76547	0.24	20.4	800	16.4	12.5	<0.001	0.06	0.27	5.6	1.5	0.5	51.8	<0.01	0.05	1.5
ZZ76548	0.20	22.8	750	12.7	8.5	0.001	0.08	0.35	4.7	1.1	0.4	70.0	<0.01	0.06	1.2
ZZ76549	0.23	29.0	770	16.1	11.5	0.003	0.07	0.35	7.5	1.8	0.5	56.0	<0.01	0.07	1.9
ZZ76550	0.31	34.6	730	17.6	11.3	0.001	0.03	0.42	9.1	1.6	0.5	30.3	<0.01	0.08	3.7
ZZ76551	0.29	35.6	720	15.2	10.1	<0.001	0.03	0.39	8.9	1.9	0.5	23.7	<0.01	0.07	3.1
ZZ76552	0.29	31.5	530	16.9	14.1	<0.001	0.02	0.39	8.8	1.6	0.6	14.0	<0.01	0.10	3.2
ZZ76553	0.26	31.9	700	17.0	13.6	0.001	0.04	0.42	7.1	1.9	0.5	32.9	<0.01	0.09	2.5
ZZ76554	0.10	36.1	580	17.8	4.7	0.001	0.05	0.72	4.5	1.1	0.4	36.6	<0.01	0.07	3.3
ZZ76555	0.11	33.8	630	18.8	4.9	0.001	0.05	0.80	4.5	0.9	0.4	44.1	<0.01	0.05	3.4
ZZ76556	0.18	30.0	580	22.5	10.5	0.001	0.05	0.64	5.9	1.8	0.4	44.6	<0.01	0.06	2.9
ZZ76557	0.32	30.8	810	17.0	14.9	<0.001	0.07	0.41	7.7	1.2	0.5	53.1	<0.01	0.08	2.2
ZZ76558	0.30	31.1	710	17.0	15.9	<0.001	0.03	0.37	8.3	1.0	0.5	23.9	<0.01	0.08	3.0
ZZ76559	0.31	26.9	770	16.1	15.2	0.002	0.05	0.33	8.1	1.8	0.5	29.4	<0.01	0.08	2.7
ZZ76560	0.28	50.7	810	17.2	15.7	0.002	0.09	0.53	9.6	2.4	0.4	51.6	<0.01	0.09	3.0
ZZ76561	0.39	24.6	600	15.5	14.2	0.001	0.05	0.41	7.5	1.6	0.4	42.0	<0.01	0.06	2.4
ZZ76562	0.24	29.7	620	15.0	10.3	<0.001	0.05	0.43	6.6	1.3	0.4	44.9	<0.01	0.08	2.1
ZZ76563	0.29	16.4	830	12.5	9.9	<0.001	0.09	0.38	4.6	1.1	0.4	53.0	<0.01	0.06	1.2
ZZ76564	0.30	8.1	1050	5.5	3.7	<0.001	0.17	0.35	1.2	0.5	0.2	162.0	<0.01	0.03	0.2
ZZ76565	0.29	22.8	750	8.8	7.4	<0.001	0.10	0.54	3.6	0.5	0.3	89.0	<0.01	0.05	1.1
ZZ76566	0.27	25.4	860	10.2	9.6	<0.001	0.12	0.63	5.2	1.1	0.3	100.5	<0.01	0.06	1.3
ZZ76567	1.51	22.3	360	14.7	12.7	0.001	0.02	0.56	3.8	0.5	0.7	10.2	<0.01	0.04	4.1
ZZ76568	0.10	37.2	610	19.3	5.5	0.001	0.04	0.79	4.8	1.4	0.3	39.7	<0.01	0.06	4.1
ZZ76569	0.13	23.3	800	15.9	7.4	0.001	0.09	0.79	3.6	1.0	0.3	53.7	<0.01	0.05	2.3
ZZ76570	0.17	31.2	810	20.4	7.8	0.001	0.08	0.89	4.8	1.4	0.3	44.0	<0.01	0.06	2.7
ZZ76571	0.34	16.6	450	16.2	11.0	<0.001	0.02	0.43	3.1	0.4	0.6	33.5	<0.01	0.05	2.0
ZZ76572	0.30	32.0	770	17.8	17.5	0.001	0.05	0.51	8.9	1.3	0.5	42.7	<0.01	0.08	2.5
ZZ76573	0.32	32.3	670	18.5	15.2	<0.001	0.03	0.47	9.3	1.7	0.5	25.1	<0.01	0.07	3.0
ZZ76574	0.32	29.0	750	14.2	11.6	0.001	0.03	0.44	8.4	1.6	0.4	23.5	<0.01	0.08	2.8
ZZ76575	0.29	32.1	660	19.2	11.5	0.001	0.03	0.48	8.7	1.5	0.4	25.2	<0.01	0.08	3.1
ZZ76576	0.46	25.7	620	14.8	12.9	<0.001	0.06	0.53	5.4	1.3	0.5	54.2	<0.01	0.07	1.6
ZZ76577	0.15	29.1	710	14.5	7.0	<0.001	0.07	0.40	6.2	1.1	0.3	43.5	<0.01	0.08	2.7
ZZ76578	0.20	23.5	660	11.9	8.9	<0.001	0.07	0.50	3.9	0.5	0.3	68.0	<0.01	0.06	1.3
ZZ76579	0.17	20.6	930	8.6	7.2	<0.001	0.17	0.56	2.8	1.0	0.2	120.0	<0.01	0.07	0.6
ZZ76580	0.39	23.1	300	11.3	10.6	<0.001	0.02	0.38	3.9	0.3	0.5	17.6	<0.01	0.05	3.1

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VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76541		<0.005	0.14	6.60	22	<0.05	4.49	60	1.6
ZZ76542		<0.005	0.07	0.79	41	<0.05	10.30	84	2.6
ZZ76543		0.005	0.09	0.36	50	0.05	2.78	58	2.4
ZZ76544		0.007	0.06	0.99	36	0.06	11.30	71	2.3
ZZ76545		0.006	0.42	2.67	42	<0.05	8.53	82	1.7
ZZ76546		0.007	0.51	2.35	44	0.05	9.45	120	1.7
ZZ76547		0.006	0.64	1.80	38	0.08	6.68	125	1.5
ZZ76548		0.006	0.29	2.80	34	0.05	7.44	83	1.7
ZZ76549		0.006	0.49	3.91	42	<0.05	11.00	98	1.8
ZZ76550		0.010	0.49	1.85	46	0.07	11.65	112	2.3
ZZ76551		0.008	0.50	1.73	42	0.07	12.80	98	1.9
ZZ76552		0.007	0.43	3.97	51	0.08	10.05	104	1.7
ZZ76553		0.006	0.40	3.80	48	0.07	9.25	120	2.0
ZZ76554		<0.005	0.11	0.79	27	<0.05	8.46	123	2.2
ZZ76555		<0.005	0.12	0.82	26	0.05	8.26	122	2.6
ZZ76556		<0.005	0.17	3.15	35	<0.05	9.61	97	2.3
ZZ76557		0.006	0.43	4.61	46	0.06	8.68	114	2.3
ZZ76558		0.006	0.51	3.25	52	0.06	7.84	112	2.0
ZZ76559		0.006	0.54	5.43	50	0.06	9.37	95	2.0
ZZ76560		0.005	0.77	9.03	46	0.06	11.60	133	2.8
ZZ76561		0.006	0.45	3.09	42	0.06	8.90	95	1.7
ZZ76562		0.006	0.41	3.24	41	<0.05	11.15	91	1.9
ZZ76563		0.006	0.23	1.57	31	0.05	5.82	119	1.6
ZZ76564		0.009	0.06	1.08	13	<0.05	3.68	28	1.2
ZZ76565		0.006	0.06	0.91	30	<0.05	7.64	84	2.5
ZZ76566		<0.005	0.10	1.06	33	0.05	14.05	62	3.3
ZZ76567		0.027	0.15	0.65	65	0.22	3.96	62	1.8
ZZ76568		<0.005	0.11	0.92	28	<0.05	8.64	126	2.4
ZZ76569		<0.005	0.11	1.27	26	0.05	5.99	134	2.4
ZZ76570		<0.005	0.17	1.40	31	0.07	8.00	142	2.7
ZZ76571		0.006	0.10	0.73	56	0.05	2.80	89	0.9
ZZ76572		0.006	0.58	8.10	49	0.06	9.60	154	2.5
ZZ76573		0.007	0.59	3.27	50	0.07	11.25	107	2.1
ZZ76574		0.009	0.37	3.32	45	0.05	9.43	100	1.7
ZZ76575		0.005	0.48	1.74	46	0.05	10.95	95	2.0
ZZ76576		0.009	0.26	2.44	49	0.09	6.99	95	1.3
ZZ76577		<0.005	0.09	1.97	46	<0.05	7.32	96	2.4
ZZ76578		<0.005	0.07	1.11	35	<0.05	5.62	79	1.8
ZZ76579		<0.005	0.08	1.53	24	<0.05	7.35	92	2.1
ZZ76580		0.006	0.10	0.53	50	0.06	3.28	80	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76581	0.26	0.004	0.13	2.23	10.7	<0.2	<10	230	0.92	0.28	0.57	0.33	32.1	17.7	34
ZZ76582	0.19	0.002	0.13	1.93	49.7	<0.2	<10	270	0.78	0.26	1.53	0.36	17.65	16.2	29
ZZ76583	0.12	0.003	0.14	1.29	29.9	<0.2	<10	260	0.67	0.20	1.89	0.33	14.65	17.6	20
ZZ76584	0.17	0.002	0.16	0.97	6.1	<0.2	10	320	0.53	0.14	3.19	0.31	12.15	8.2	15
ZZ76585	0.10	0.008	0.21	1.44	6.2	<0.2	10	310	0.69	0.18	2.24	0.29	14.70	10.7	22
ZZ76586	0.14	0.005	0.19	1.43	9.4	<0.2	<10	330	0.76	0.20	1.80	0.79	17.00	14.3	22
ZZ76587	0.31	0.002	0.08	1.98	78.5	<0.2	<10	130	0.86	0.25	0.31	0.27	26.8	19.8	32
ZZ76588	0.13	0.003	0.19	1.20	7.3	<0.2	<10	230	0.44	0.17	1.88	0.38	8.72	8.0	17
ZZ76589	0.19	0.004	0.06	1.55	10.1	<0.2	<10	90	0.59	0.21	0.17	0.11	32.0	12.4	25
ZZ76590	0.15	0.002	0.08	2.03	13.2	<0.2	<10	190	0.98	0.26	0.48	0.25	35.2	17.6	27
ZZ76591	0.16	0.004	0.11	1.82	11.9	<0.2	<10	150	0.88	0.28	0.72	0.33	28.2	16.7	27
ZZ76592	0.16	0.002	0.10	1.72	4.1	<0.2	<10	200	0.79	0.21	1.20	0.39	22.1	9.9	24
ZZ76593	0.23	0.002	0.09	1.88	86.8	<0.2	<10	180	0.81	0.27	0.79	0.17	23.1	17.8	28
ZZ76594	0.20	0.003	0.12	1.83	135.0	<0.2	<10	180	1.00	0.28	0.57	0.20	25.5	20.7	29
ZZ76595	0.18	0.003	0.11	2.19	203	<0.2	<10	210	1.16	0.31	0.81	0.48	24.8	26.6	32
ZZ76596	0.17	0.002	0.09	2.04	163.5	<0.2	<10	190	0.97	0.30	0.61	0.14	21.9	20.9	31
ZZ76597	0.19	0.001	0.04	1.19	22.7	<0.2	<10	110	0.24	0.23	0.03	0.06	21.1	5.7	16
ZZ76598	0.16	0.004	0.25	1.25	47.2	<0.2	<10	250	0.89	0.28	0.62	0.35	18.70	16.9	21
ZZ76599	0.16	0.003	0.14	1.15	41.2	<0.2	<10	190	0.78	0.28	0.56	0.88	17.80	16.3	20
ZZ76600	0.23	0.003	0.21	1.05	37.8	<0.2	<10	290	0.76	0.25	0.84	0.42	16.20	13.0	18
ZZ76001	0.17	0.001	0.03	1.39	12.5	<0.2	<10	130	0.44	0.30	0.14	0.19	27.1	6.7	23
ZZ76002	0.27	0.001	0.03	1.20	12.1	<0.2	<10	140	0.43	0.30	0.39	0.18	22.7	8.8	19
ZZ76003	0.22	<0.001	0.03	1.87	47.9	<0.2	<10	170	0.72	0.30	0.43	0.36	30.8	18.8	30
ZZ76004	0.13	<0.001	0.04	2.03	33.7	<0.2	<10	180	0.80	0.28	0.41	0.12	24.9	11.1	28
ZZ76005	0.03	NSS	0.09	1.26	118.5	<0.2	<10	150	0.68	0.21	1.14	0.21	13.90	11.7	21
ZZ76006	0.12	0.002	0.10	1.80	161.5	<0.2	<10	200	0.88	0.27	1.22	0.41	20.5	19.5	28
ZZ76007	0.13	0.002	0.11	1.83	193.5	<0.2	<10	200	0.89	0.28	1.02	0.51	22.4	24.1	28
ZZ76008	0.14	0.002	0.09	1.87	153.0	<0.2	<10	200	0.85	0.27	0.73	0.21	22.5	14.8	28
ZZ76009	0.16	0.002	0.07	2.02	214	<0.2	<10	220	0.91	0.32	0.73	0.27	22.2	20.3	32
ZZ76010	0.17	0.003	0.15	1.05	33.1	<0.2	<10	210	0.76	0.25	0.52	0.47	18.00	16.3	18
ZZ76011	0.05	0.002	0.09	0.66	50.0	<0.2	<10	140	0.36	0.09	2.64	0.52	6.57	7.1	10
ZZ76012	0.06	<0.001	0.23	1.88	93.9	<0.2	<10	250	0.95	0.29	0.75	0.45	18.85	18.2	27
ZZ76013	0.23	0.001	0.04	1.78	56.0	<0.2	<10	200	0.77	0.26	0.19	0.22	20.6	14.9	28
ZZ76014	0.33	<0.001	0.03	1.73	46.2	<0.2	<10	110	0.62	0.27	0.04	0.18	22.8	12.3	26
ZZ76015	0.08	0.005	0.18	1.21	49.4	<0.2	<10	210	0.87	0.28	0.56	0.47	20.7	17.5	21
ZZ76016	0.09	0.002	0.20	1.09	36.6	<0.2	<10	280	0.79	0.26	0.62	0.38	17.15	15.1	19
ZZ76017	0.15	0.003	0.16	1.10	39.0	<0.2	<10	190	0.79	0.26	0.63	0.68	18.25	16.6	19
ZZ76018	0.17	0.004	0.22	1.13	42.5	<0.2	<10	330	0.84	0.27	0.37	0.31	20.6	16.1	20
ZZ76019	0.17	0.005	0.16	1.15	46.2	<0.2	<10	300	0.79	0.26	0.78	0.50	20.7	19.5	20
ZZ76020	0.16	0.003	0.21	1.29	44.7	<0.2	<10	230	0.93	0.29	0.67	0.44	20.9	17.2	22

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method / Analyte / Units / LOR	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ76581		1.12	56.7	4.25	6.44	0.05	0.08	0.11	0.036	0.11	15.1	39.5	0.95	455	0.50	0.01
ZZ76582		2.30	54.5	3.94	6.05	<0.05	0.06	0.13	0.039	0.10	7.4	26.4	0.93	415	0.66	0.01
ZZ76583		2.33	40.0	3.06	3.77	<0.05	0.03	0.16	0.023	0.07	7.1	15.1	0.49	919	1.03	0.01
ZZ76584		2.56	47.2	1.93	2.78	<0.05	0.03	0.10	0.021	0.06	6.2	11.9	0.57	533	0.68	0.01
ZZ76585		4.05	63.0	2.59	4.04	0.05	0.05	0.18	0.027	0.09	7.5	22.6	0.75	352	0.58	0.02
ZZ76586		2.08	80.7	3.40	4.07	<0.05	0.07	0.16	0.024	0.09	8.5	23.1	0.71	1240	0.69	0.01
ZZ76587		2.29	67.7	4.57	6.34	0.06	0.07	0.15	0.035	0.10	11.8	36.3	0.99	261	0.70	0.01
ZZ76588		1.14	35.9	2.18	3.79	<0.05	0.05	0.10	0.026	0.07	4.4	11.0	0.34	252	0.78	0.01
ZZ76589		0.85	31.0	3.24	4.90	0.06	0.03	0.04	0.022	0.06	14.7	34.8	0.70	329	0.59	0.01
ZZ76590		1.15	46.6	4.01	5.66	<0.05	0.05	0.08	0.032	0.09	13.0	38.8	0.72	577	0.62	0.01
ZZ76591		1.19	61.3	3.89	5.34	<0.05	0.07	0.13	0.031	0.10	13.8	39.3	0.86	541	0.53	0.01
ZZ76592		1.11	49.8	2.44	4.90	<0.05	0.09	0.10	0.032	0.08	10.0	36.1	0.73	206	0.16	0.05
ZZ76593		2.45	39.1	4.08	5.45	<0.05	0.07	0.11	0.043	0.09	10.5	37.1	0.73	659	0.89	0.05
ZZ76594		3.02	64.0	4.39	5.39	<0.05	0.06	0.19	0.046	0.10	11.5	32.2	0.73	813	0.88	0.05
ZZ76595		3.15	69.7	5.08	6.76	0.05	0.12	0.19	0.054	0.13	10.1	36.5	0.88	945	1.03	0.05
ZZ76596		2.63	58.2	4.72	6.51	<0.05	0.08	0.12	0.051	0.12	9.1	31.4	0.75	803	0.95	0.05
ZZ76597		0.95	14.9	3.11	6.24	<0.05	0.04	0.02	0.021	0.05	9.7	13.2	0.19	253	1.05	0.05
ZZ76598		1.36	43.8	3.76	3.64	<0.05	0.08	0.17	0.032	0.07	7.8	31.3	0.51	584	1.52	0.05
ZZ76599		1.28	37.9	3.52	3.43	<0.05	0.09	0.15	0.030	0.07	7.4	31.8	0.50	695	1.34	0.05
ZZ76600		1.08	43.4	3.31	3.12	<0.05	0.08	0.15	0.029	0.07	7.0	30.0	0.57	459	1.39	0.05
ZZ76001		1.41	13.9	3.19	7.16	<0.05	0.03	0.02	0.026	0.06	13.8	23.7	0.31	249	1.57	<0.01
ZZ76002		1.69	14.8	3.31	7.07	<0.05	<0.02	0.03	0.028	0.05	10.9	22.6	0.24	531	1.49	<0.01
ZZ76003		1.46	44.4	4.32	6.38	<0.05	0.05	0.03	0.034	0.09	14.3	50.8	0.76	641	1.24	<0.01
ZZ76004		2.25	28.3	4.08	7.36	<0.05	0.03	0.04	0.034	0.08	12.2	40.6	0.61	377	0.99	<0.01
ZZ76005		2.37	48.1	3.31	4.17	<0.05	0.05	0.16	0.029	0.09	6.3	21.5	0.53	402	0.75	0.01
ZZ76006		2.23	61.5	4.37	5.58	<0.05	0.09	0.15	0.040	0.12	8.6	35.8	0.90	999	0.95	<0.01
ZZ76007		2.12	67.3	4.52	5.61	<0.05	0.10	0.12	0.040	0.11	8.4	38.6	0.92	960	0.95	<0.01
ZZ76008		3.14	48.9	4.31	6.09	<0.05	0.06	0.10	0.037	0.11	10.4	40.4	0.77	393	1.04	0.01
ZZ76009		2.77	61.2	5.07	6.80	<0.05	0.08	0.12	0.046	0.13	9.5	43.9	0.92	645	1.09	<0.01
ZZ76010		1.15	46.7	3.23	3.39	<0.05	0.07	0.68	0.028	0.07	7.3	32.2	0.62	454	1.29	<0.01
ZZ76011		1.09	33.0	1.60	1.95	<0.05	0.05	0.15	0.022	0.07	3.0	8.3	0.37	342	0.86	0.01
ZZ76012		2.20	53.5	4.35	6.84	<0.05	0.05	0.05	0.043	0.09	8.2	29.1	0.49	751	1.49	0.01
ZZ76013		1.48	27.4	5.13	5.33	<0.05	0.04	0.03	0.044	0.07	7.4	51.5	0.54	957	1.29	<0.01
ZZ76014		1.47	24.4	3.75	6.01	<0.05	0.03	0.03	0.033	0.07	10.4	44.1	0.52	494	1.16	<0.01
ZZ76015		1.54	49.2	3.82	3.77	<0.05	0.07	0.72	0.032	0.09	8.8	35.0	0.61	721	1.18	<0.01
ZZ76016		1.29	40.8	3.48	3.41	<0.05	0.09	0.18	0.030	0.07	7.3	29.9	0.50	529	1.62	<0.01
ZZ76017		1.05	42.6	3.51	3.44	<0.05	0.09	0.15	0.034	0.07	7.6	31.5	0.52	662	1.50	<0.01
ZZ76018		1.51	47.0	3.71	3.63	<0.05	0.07	0.15	0.030	0.07	8.7	32.5	0.54	435	1.57	<0.01
ZZ76019		1.37	48.1	3.79	3.63	<0.05	0.07	0.17	0.030	0.07	8.8	34.9	0.82	1140	1.34	<0.01
ZZ76020		1.52	47.3	3.94	3.89	<0.05	0.07	0.17	0.035	0.08	9.0	38.6	0.80	528	1.27	<0.01

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Finalized Date: 28-JUN-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76581		0.40	36.2	730	15.3	10.9	0.001	0.04	0.50	8.5	1.0	0.5	34.1	<0.01	0.06	3.7
ZZ76582		0.29	28.2	840	13.8	11.0	<0.001	0.10	0.43	7.7	2.6	0.5	83.3	<0.01	0.09	1.4
ZZ76583		0.44	16.1	1140	11.8	9.3	0.002	0.15	0.48	3.9	3.0	0.4	93.0	<0.01	0.04	0.6
ZZ76584		0.38	13.8	1020	8.3	7.3	0.001	0.16	0.61	2.7	3.0	0.3	108.5	<0.01	0.04	0.3
ZZ76585		0.47	21.3	920	9.3	8.5	0.002	0.16	0.71	5.6	4.7	0.3	61.4	<0.01	0.05	0.6
ZZ76586		0.34	25.9	850	11.9	7.1	0.005	0.28	0.70	5.8	6.7	0.3	59.8	<0.01	0.06	1.3
ZZ76587		0.24	35.9	580	14.7	9.3	0.001	0.02	0.47	9.5	1.6	0.4	18.1	<0.01	0.09	3.9
ZZ76588		0.33	14.9	1160	6.6	8.1	<0.001	0.18	0.52	3.3	1.0	0.4	110.5	<0.01	0.05	0.5
ZZ76589		0.49	26.8	520	10.4	6.6	<0.001	0.01	0.46	4.3	0.7	0.4	14.7	<0.01	0.04	3.9
ZZ76590		0.33	34.8	470	16.1	9.4	0.001	0.02	0.72	5.8	0.6	0.4	27.3	<0.01	0.05	3.9
ZZ76591		0.19	32.5	510	15.8	7.8	<0.001	0.04	0.58	7.2	0.9	0.3	35.2	<0.01	0.07	3.1
ZZ76592		0.18	26.4	680	14.5	6.9	0.001	0.14	0.38	5.0	0.8	0.3	55.6	<0.01	0.03	2.0
ZZ76593		0.30	25.2	720	18.0	12.3	0.001	0.08	0.33	6.3	1.4	0.4	39.3	<0.01	0.05	2.6
ZZ76594		0.29	31.8	840	19.6	13.1	0.001	0.07	0.43	7.9	2.1	0.4	33.0	<0.01	0.09	2.5
ZZ76595		0.28	38.2	730	21.8	15.3	<0.001	0.07	0.49	9.6	2.0	0.6	51.1	<0.01	0.10	2.8
ZZ76596		0.28	30.7	540	19.1	16.6	<0.001	0.07	0.40	8.2	0.7	0.6	36.6	<0.01	0.10	2.5
ZZ76597		0.36	10.2	240	11.9	8.2	<0.001	0.05	0.34	1.9	<0.2	0.5	7.2	<0.01	0.06	2.5
ZZ76598		0.14	35.4	740	21.8	7.3	0.001	0.09	0.74	4.3	1.6	0.3	42.7	<0.01	0.07	2.3
ZZ76599		0.14	32.4	640	20.3	6.4	0.001	0.08	0.82	4.3	1.1	0.3	40.5	<0.01	0.07	3.0
ZZ76600		0.12	32.4	710	17.5	5.0	0.002	0.10	0.84	4.2	1.3	0.3	53.3	<0.01	0.04	2.6
ZZ76001		1.57	13.3	280	16.8	10.3	<0.001	0.02	0.60	2.3	<0.2	0.8	11.1	<0.01	0.05	3.4
ZZ76002		1.18	12.2	470	16.8	11.6	<0.001	0.02	0.64	2.1	0.2	0.7	24.3	<0.01	0.06	2.1
ZZ76003		0.57	31.7	360	16.6	11.4	<0.001	0.02	0.59	4.1	0.3	0.5	29.9	<0.01	0.06	3.2
ZZ76004		0.61	20.4	330	14.9	13.4	<0.001	0.02	0.38	3.7	<0.2	0.6	32.0	<0.01	0.07	2.6
ZZ76005		0.23	23.8	700	14.2	11.1	0.001	0.08	0.55	4.5	1.3	0.5	72.3	<0.01	0.06	1.3
ZZ76006		0.28	32.1	660	16.4	12.3	0.001	0.06	0.55	6.5	2.2	0.4	85.7	<0.01	0.10	2.0
ZZ76007		0.24	34.9	730	17.3	13.4	<0.001	0.06	0.58	6.8	2.0	0.4	74.0	<0.01	0.08	2.1
ZZ76008		0.31	27.1	640	15.4	12.7	0.001	0.04	0.41	5.9	1.5	0.5	63.2	<0.01	0.07	2.4
ZZ76009		0.30	33.0	440	18.2	14.4	<0.001	0.03	0.50	7.1	1.0	0.5	61.3	<0.01	0.12	2.8
ZZ76010		0.11	36.9	550	18.9	4.7	0.002	0.11	1.03	4.4	0.8	0.3	30.4	<0.01	0.07	3.3
ZZ76011		0.11	13.6	790	6.0	8.8	0.001	0.17	0.56	2.2	1.3	0.3	148.0	<0.01	0.04	0.5
ZZ76012		0.34	24.8	1330	21.8	13.4	<0.001	0.07	0.48	4.1	0.5	0.6	49.8	<0.01	0.06	1.3
ZZ76013		0.35	23.9	550	20.1	10.6	<0.001	0.02	0.58	3.6	0.3	0.4	22.0	<0.01	0.05	2.5
ZZ76014		0.33	21.3	270	16.9	12.4	<0.001	0.01	0.42	3.0	<0.2	0.5	9.2	<0.01	0.05	3.2
ZZ76015		0.15	38.3	700	21.3	6.6	0.001	0.06	1.01	4.9	1.1	0.3	32.9	<0.01	0.07	3.1
ZZ76016		0.13	34.2	670	19.6	6.6	0.002	0.06	1.02	4.3	1.6	0.3	36.7	<0.01	0.06	2.7
ZZ76017		0.14	33.9	640	20.1	6.3	0.001	0.05	1.02	4.3	1.3	0.3	41.1	<0.01	0.06	2.9
ZZ76018		0.14	37.4	700	21.5	6.3	0.002	0.04	1.03	4.8	1.2	0.3	28.8	<0.01	0.06	3.3
ZZ76019		0.12	37.4	660	20.2	5.1	0.002	0.04	0.84	4.8	1.0	0.3	28.4	<0.01	0.07	3.6
ZZ76020		0.14	41.0	690	21.8	6.1	0.002	0.05	0.89	5.0	0.9	0.3	36.1	<0.01	0.05	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76581		0.007	0.10	2.20	54	0.10	11.55	89	2.5
ZZ76582		0.007	0.24	4.62	56	<0.05	7.39	86	1.5
ZZ76583		0.010	0.16	1.41	37	0.07	8.07	55	1.0
ZZ76584		0.009	0.07	1.60	26	0.19	8.19	58	1.0
ZZ76585		0.010	0.09	1.26	39	0.07	10.55	72	1.5
ZZ76586		0.007	0.10	2.86	35	<0.05	9.44	82	2.4
ZZ76587		0.006	0.28	1.71	57	<0.05	9.86	98	2.9
ZZ76588		0.007	0.11	2.90	33	0.06	5.07	56	1.7
ZZ76589		0.015	0.08	2.05	41	0.08	6.22	60	1.3
ZZ76590		0.006	0.09	0.81	42	0.05	6.57	66	2.2
ZZ76591		0.005	0.07	1.34	39	0.05	10.60	76	2.5
ZZ76592		<0.005	0.09	1.27	33	<0.05	9.39	90	3.1
ZZ76593		0.006	0.27	2.01	48	0.05	7.76	100	2.0
ZZ76594		0.007	0.40	4.34	50	0.14	11.55	106	2.0
ZZ76595		<0.005	0.53	11.70	56	0.06	12.05	140	3.2
ZZ76596		0.005	0.35	5.35	58	0.05	8.01	133	2.2
ZZ76597		0.006	0.13	0.30	52	<0.05	1.81	49	1.7
ZZ76598		<0.005	0.13	1.98	32	0.07	10.15	134	2.6
ZZ76599		<0.005	0.13	1.52	29	0.05	8.35	145	3.1
ZZ76600		<0.005	0.12	1.40	29	<0.05	9.46	134	2.7
ZZ76001		0.032	0.14	0.57	64	0.24	2.59	49	1.2
ZZ76002		0.025	0.12	0.90	60	0.24	3.16	74	0.7
ZZ76003		0.015	0.12	1.76	54	0.12	4.34	87	1.5
ZZ76004		0.009	0.17	1.33	61	0.10	3.87	69	0.8
ZZ76005		0.006	0.35	3.18	36	0.06	7.54	83	1.6
ZZ76006		0.007	0.34	7.51	46	0.06	8.39	105	2.4
ZZ76007		0.006	0.39	6.18	46	0.05	8.06	120	2.6
ZZ76008		0.006	0.37	3.62	50	0.06	7.41	77	1.7
ZZ76009		0.006	0.42	3.52	57	0.06	6.51	114	2.4
ZZ76010		<0.005	0.12	1.06	28	<0.05	9.09	120	2.5
ZZ76011		<0.005	0.15	3.62	19	<0.05	4.96	96	1.5
ZZ76012		0.006	0.17	4.51	59	0.09	5.08	66	1.3
ZZ76013		0.006	0.13	1.28	51	0.06	4.39	85	1.4
ZZ76014		<0.005	0.14	0.62	47	0.05	2.95	76	1.6
ZZ76015		<0.005	0.16	1.06	31	<0.05	10.00	139	2.7
ZZ76016		<0.005	0.12	1.32	30	<0.05	9.21	129	2.8
ZZ76017		<0.005	0.13	1.14	30	<0.05	8.86	143	3.1
ZZ76018		<0.005	0.13	1.11	32	<0.05	10.60	128	2.4
ZZ76019		<0.005	0.15	0.82	28	<0.05	9.47	135	2.4
ZZ76020		<0.005	0.12	0.91	30	<0.05	11.10	138	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	WEI-21 Recvd Wt. (kg) LOR 0.02	Au-ICP21 Au (ppm) LOR 0.001	ME-MS41 Ag (ppm) LOR 0.01	ME-MS41 Al (%) LOR 0.01	ME-MS41 As (ppm) LOR 0.1	ME-MS41 Au (ppm) LOR 0.2	ME-MS41 B (ppm) LOR 10	ME-MS41 Ba (ppm) LOR 10	ME-MS41 Be (ppm) LOR 0.05	ME-MS41 Bi (ppm) LOR 0.01	ME-MS41 Ca (%) LOR 0.01	ME-MS41 Cd (ppm) LOR 0.01	ME-MS41 Ce (ppm) LOR 0.02	ME-MS41 Co (ppm) LOR 0.1	ME-MS41 Cr (ppm) LOR 1
ZZ76021	0.17	0.005	0.19	1.07	52.1	<0.2	<10	250	0.75	0.26	1.22	0.46	20.1	16.8	19
ZZ76022	0.15	0.004	0.15	1.15	41.0	<0.2	<10	230	0.76	0.27	0.67	0.48	20.7	17.0	20
ZZ76023	0.20	0.004	0.12	1.12	41.3	<0.2	<10	200	0.76	0.26	1.49	0.45	20.0	16.5	19
ZZ76024	0.41	0.003	0.10	2.02	36.4	<0.2	<10	110	1.36	0.27	0.09	0.31	37.0	16.2	31
ZZ76025	0.22	0.002	0.04	1.83	13.9	<0.2	<10	150	0.59	0.28	0.10	0.14	29.7	10.9	27
ZZ76026	0.16	0.002	0.03	2.01	169.5	<0.2	<10	130	0.98	0.30	0.19	0.28	28.2	17.0	31
ZZ76027	0.25	0.003	0.07	2.02	171.0	<0.2	<10	180	1.14	0.33	0.51	0.25	26.3	24.2	32
ZZ76028	0.15	0.003	0.11	1.60	128.5	<0.2	<10	150	0.91	0.28	0.72	0.40	23.0	19.0	25
ZZ76029	0.25	0.003	0.13	1.10	40.8	<0.2	<10	210	0.71	0.27	0.96	0.40	18.75	15.5	19
ZZ76030	0.28	0.004	0.13	1.13	38.9	<0.2	<10	230	0.73	0.28	1.02	0.38	19.95	16.0	19
ZZ76031	0.29	0.002	0.32	1.00	34.8	<0.2	<10	360	0.77	0.27	1.12	0.50	17.90	15.3	19
ZZ76032	0.24	0.001	0.01	0.88	28.1	<0.2	<10	70	0.24	0.26	0.02	0.09	19.65	6.4	13
ZZ76033	0.23	0.001	0.05	1.53	15.9	<0.2	<10	70	0.29	0.36	0.06	0.09	24.0	8.6	29
ZZ76034	0.43	0.001	0.02	2.11	10.7	<0.2	<10	200	0.69	0.31	0.22	0.09	22.2	9.9	25
ZZ76035	0.12	0.001	0.11	1.56	162.0	<0.2	<10	130	0.58	0.33	0.26	0.25	18.95	34.5	26
ZZ76036	0.13	0.003	0.15	1.31	107.5	<0.2	<10	240	0.70	0.21	2.28	0.32	12.95	13.8	20
ZZ76037	0.17	0.002	0.11	1.58	157.0	<0.2	<10	150	0.83	0.27	0.45	0.22	21.6	15.5	25
ZZ76038	0.12	NSS	0.11	0.68	36.4	<0.2	<10	230	0.50	0.09	3.33	0.73	7.15	7.5	8
ZZ76039	0.12	0.003	0.07	1.41	108.5	<0.2	<10	200	0.68	0.25	1.36	0.16	15.70	14.4	22
ZZ76040	0.10	0.002	0.10	1.54	118.5	<0.2	<10	170	0.76	0.29	0.34	0.46	20.5	15.8	24
ZZ76041	0.15	0.003	0.10	1.51	143.0	<0.2	<10	180	0.97	0.28	0.70	0.20	21.2	17.3	25
ZZ76042	0.19	0.002	0.13	1.77	11.5	<0.2	<10	180	0.79	0.26	1.16	0.19	22.8	14.2	26
ZZ76043	0.05	0.005	0.09	0.36	4.4	<0.2	<10	120	0.16	0.06	4.66	0.22	3.13	2.8	5
ZZ76044	0.17	0.001	0.04	1.60	138.5	<0.2	<10	110	0.92	0.26	0.51	0.29	21.0	17.7	26
ZZ76045	0.16	0.002	0.08	1.41	178.0	<0.2	<10	140	0.79	0.27	0.85	0.23	20.0	18.1	23
ZZ76046	0.09	0.002	0.07	1.35	122.5	<0.2	<10	140	0.81	0.24	1.00	0.17	17.45	16.4	22
ZZ76047	0.20	0.001	0.04	1.76	10.7	<0.2	<10	120	0.55	0.26	0.08	0.13	30.5	10.7	25
ZZ76048	0.26	0.003	0.14	1.14	38.0	<0.2	<10	200	0.71	0.26	0.35	0.32	20.9	15.5	19
ZZ76049	0.10	0.002	0.14	1.68	137.5	<0.2	<10	160	0.92	0.32	0.74	0.58	22.8	18.3	27
ZZ76050	0.18	0.003	0.11	2.38	196.0	<0.2	<10	300	1.46	0.34	0.64	0.32	27.1	23.3	35
ZZ76051	0.17	0.003	0.08	1.97	177.0	<0.2	<10	190	1.11	0.30	0.34	0.16	24.5	19.4	30
ZZ76052	0.08	NSS	0.09	1.68	153.0	<0.2	<10	250	0.87	0.26	1.18	0.38	19.70	23.7	23
ZZ76053	0.25	0.004	0.06	2.27	204	<0.2	<10	140	1.08	0.29	0.39	0.30	26.5	27.0	37
ZZ76054	0.06	NSS	0.19	0.82	38.8	<0.2	<10	170	0.71	0.12	3.24	0.37	9.82	5.2	10
ZZ76055	0.12	0.003	0.10	1.59	121.5	<0.2	<10	180	0.92	0.26	1.21	0.29	19.30	15.0	24
ZZ76056	0.21	0.002	0.12	1.53	14.8	<0.2	<10	230	0.64	0.30	0.98	0.24	22.7	11.7	24
ZZ76057	0.13	0.002	0.08	1.06	6.6	<0.2	<10	180	0.43	0.18	3.36	0.48	13.55	7.9	15
ZZ76058	0.20	0.002	0.07	1.84	11.1	<0.2	<10	120	0.76	0.31	0.31	0.09	31.3	18.7	28
ZZ76059	0.20	0.002	0.11	2.07	12.7	<0.2	<10	130	1.00	0.33	0.38	0.20	35.0	22.0	28
ZZ76060	0.36	<0.001	0.05	2.07	10.8	<0.2	<10	140	0.85	0.26	0.09	0.25	32.5	12.6	28

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Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ76021		1.47	45.1	3.61	3.43	<0.05	0.06	0.19	0.031	0.07	8.4	33.3	0.94	624	1.34	<0.01
ZZ76022		1.42	44.9	3.67	3.55	<0.05	0.06	0.16	0.027	0.07	8.5	36.0	0.78	598	1.23	<0.01
ZZ76023		1.30	43.7	3.62	3.46	<0.05	0.07	0.14	0.030	0.07	8.2	34.2	0.95	713	1.14	<0.01
ZZ76024		1.51	37.9	4.83	5.28	0.05	0.06	0.07	0.047	0.06	14.5	45.3	0.49	1100	1.17	<0.01
ZZ76025		1.63	12.5	3.29	6.69	<0.05	0.08	0.01	0.029	0.06	14.7	25.6	0.40	262	1.59	<0.01
ZZ76026		3.60	52.1	4.73	6.32	0.05	0.04	0.10	0.045	0.11	12.7	36.2	0.75	436	0.96	<0.01
ZZ76027		3.41	75.4	5.10	6.54	0.05	0.10	0.18	0.055	0.13	11.9	36.3	0.83	819	1.09	<0.01
ZZ76028		3.09	59.5	3.87	5.00	0.05	0.07	0.17	0.039	0.10	10.0	29.7	0.64	597	0.87	<0.01
ZZ76029		1.28	42.6	3.55	3.21	0.05	0.07	0.14	0.029	0.07	8.1	31.2	0.83	614	1.09	<0.01
ZZ76030		1.39	44.7	3.64	3.36	0.05	0.06	0.18	0.029	0.07	8.6	34.5	0.93	566	1.10	<0.01
ZZ76031		1.55	45.6	3.38	3.06	0.06	0.05	0.15	0.030	0.07	8.0	30.3	0.83	545	1.94	<0.01
ZZ76032		1.03	19.1	2.69	4.77	<0.05	<0.02	0.02	0.022	0.05	9.1	10.6	0.17	218	1.11	<0.01
ZZ76033		1.50	18.2	3.93	6.07	<0.05	0.03	0.02	0.032	0.05	11.5	19.8	0.41	315	1.38	<0.01
ZZ76034		1.53	15.7	3.56	6.13	<0.05	0.03	0.02	0.032	0.04	10.5	46.2	0.50	298	0.78	<0.01
ZZ76035		3.95	41.7	4.50	5.53	<0.05	0.06	0.11	0.036	0.11	8.3	25.0	0.60	2050	1.88	<0.01
ZZ76036		2.73	65.4	3.20	3.63	<0.05	0.05	0.20	0.032	0.09	6.0	18.4	0.60	578	0.71	<0.01
ZZ76037		3.48	58.0	4.11	4.55	0.05	0.05	0.19	0.039	0.09	9.9	26.5	0.67	496	0.70	<0.01
ZZ76038		1.40	41.0	1.46	1.61	<0.05	0.04	0.13	0.019	0.04	3.4	6.2	0.26	1180	0.44	<0.01
ZZ76039		2.82	48.5	3.47	4.08	<0.05	0.05	0.11	0.033	0.09	7.3	22.2	0.63	438	0.74	<0.01
ZZ76040		3.57	51.3	3.84	4.91	<0.05	0.04	0.17	0.039	0.10	9.2	22.7	0.53	531	0.79	<0.01
ZZ76041		3.29	63.4	3.91	4.52	0.05	0.06	0.23	0.040	0.10	9.2	24.4	0.66	569	0.76	<0.01
ZZ76042		0.94	46.0	3.76	4.86	<0.05	0.06	0.11	0.037	0.09	10.7	30.5	0.70	648	0.52	<0.01
ZZ76043		0.49	19.2	0.59	0.90	<0.05	0.03	0.09	0.010	0.03	1.7	3.1	0.22	229	0.37	<0.01
ZZ76044		2.71	56.7	4.05	4.72	<0.05	0.06	0.15	0.038	0.09	8.8	26.1	0.76	566	0.73	<0.01
ZZ76045		2.97	60.0	3.92	4.07	0.05	0.06	0.18	0.036	0.10	8.7	26.1	0.81	558	0.73	<0.01
ZZ76046		2.40	59.2	3.64	3.89	0.05	0.05	0.17	0.036	0.10	7.3	22.5	0.69	571	0.67	<0.01
ZZ76047		1.01	27.0	3.50	6.08	<0.05	0.03	0.03	0.031	0.06	13.7	28.0	0.47	362	0.83	<0.01
ZZ76048		1.40	43.4	3.57	3.39	0.05	0.05	0.12	0.029	0.06	9.2	31.6	0.60	456	1.10	<0.01
ZZ76049		3.07	58.7	4.26	4.94	0.05	0.08	0.18	0.040	0.12	10.2	31.8	0.71	781	1.01	<0.01
ZZ76050		3.37	134.5	5.48	6.54	0.06	0.11	0.20	0.051	0.16	12.4	40.1	0.89	907	1.04	<0.01
ZZ76051		3.73	67.1	4.62	5.46	0.05	0.07	0.17	0.045	0.12	10.6	30.5	0.74	720	0.97	<0.01
ZZ76052		3.41	51.8	3.93	4.74	<0.05	0.06	0.21	0.038	0.10	8.3	21.2	0.53	1740	1.02	<0.01
ZZ76053		1.75	85.7	6.68	7.08	0.06	0.07	0.13	0.047	0.09	10.1	38.0	1.28	1400	0.88	<0.01
ZZ76054		1.19	62.2	1.52	1.87	<0.05	0.03	0.19	0.017	0.04	5.8	5.0	0.24	276	0.55	0.01
ZZ76055		2.76	49.2	3.74	4.55	0.05	0.05	0.14	0.040	0.09	9.0	23.4	0.62	405	0.69	<0.01
ZZ76056		1.28	43.6	3.90	5.44	<0.05	0.05	0.10	0.030	0.08	11.4	29.3	0.54	664	0.77	<0.01
ZZ76057		0.63	27.6	2.00	3.09	<0.05	0.04	0.10	0.017	0.04	6.5	13.6	0.35	556	0.56	<0.01
ZZ76058		1.15	49.9	4.03	5.29	<0.05	0.05	0.06	0.032	0.10	14.0	35.6	0.82	564	0.58	<0.01
ZZ76059		1.43	71.5	4.64	5.74	0.07	0.04	0.12	0.037	0.13	16.2	44.1	0.93	691	0.63	<0.01
ZZ76060		1.40	41.3	4.12	6.58	0.05	0.02	0.05	0.045	0.07	13.8	30.5	0.52	343	0.96	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76021		0.12	36.3	650	20.8	5.2	0.001	0.05	0.93	4.5	1.1	0.3	37.0	<0.01	0.07	3.4
ZZ76022		0.11	36.0	660	20.4	4.9	0.002	0.04	0.84	4.5	0.9	0.3	24.8	<0.01	0.04	3.7
ZZ76023		0.10	34.8	630	19.6	4.7	0.001	0.04	0.81	4.4	1.0	0.3	44.9	<0.01	0.04	3.7
ZZ76024		0.20	30.9	660	28.7	10.0	0.001	0.02	0.65	6.6	1.5	0.4	11.9	<0.01	0.06	5.1
ZZ76025		1.41	22.4	280	16.5	10.6	<0.001	0.01	0.70	2.8	0.3	0.7	11.6	<0.01	0.03	4.6
ZZ76026		0.37	28.9	390	18.4	15.3	<0.001	0.02	0.43	7.1	1.0	0.5	20.1	<0.01	0.10	3.9
ZZ76027		0.28	36.0	720	20.1	15.0	0.001	0.04	0.56	9.1	1.8	0.5	40.2	<0.01	0.10	2.8
ZZ76028		0.28	29.4	820	15.7	13.6	0.001	0.07	0.48	7.7	1.5	0.4	55.1	<0.01	0.09	2.3
ZZ76029		0.11	33.5	650	17.9	4.8	0.001	0.07	0.76	4.5	1.1	0.3	31.7	<0.01	0.06	3.3
ZZ76030		0.11	34.1	650	18.1	5.0	0.002	0.06	0.83	4.6	0.9	0.3	31.7	<0.01	0.06	3.9
ZZ76031		0.12	39.8	710	19.4	5.9	0.002	0.07	1.07	4.7	1.6	0.3	47.8	<0.01	0.06	3.8
ZZ76032		0.28	11.4	290	8.7	9.0	<0.001	0.03	0.56	1.8	0.2	0.5	7.0	<0.01	0.04	1.9
ZZ76033		1.50	19.6	350	14.6	12.4	0.001	0.03	0.75	2.7	0.2	0.7	7.6	<0.01	0.05	3.9
ZZ76034		0.59	19.3	260	14.5	9.6	0.001	0.03	0.41	3.2	<0.2	0.6	18.9	<0.01	0.04	3.2
ZZ76035		0.31	24.0	970	14.9	14.5	0.001	0.06	0.41	5.5	0.8	0.5	24.3	<0.01	0.09	2.0
ZZ76036		0.22	25.4	900	11.6	10.7	0.002	0.14	0.57	4.3	2.9	0.3	113.5	<0.01	0.08	0.7
ZZ76037		0.24	26.2	620	15.1	12.9	0.002	0.06	0.41	7.4	1.3	0.4	34.7	<0.01	0.07	2.2
ZZ76038		0.20	16.0	890	5.2	6.0	0.001	0.18	0.39	1.9	1.2	0.2	220	<0.01	0.03	0.4
ZZ76039		0.25	23.9	770	14.1	11.0	0.001	0.10	0.45	5.2	1.8	0.4	79.8	<0.01	0.05	1.2
ZZ76040		0.26	22.9	740	17.5	14.6	0.001	0.05	0.39	5.6	1.0	0.4	27.4	<0.01	0.08	1.9
ZZ76041		0.23	31.2	670	17.4	11.4	0.002	0.08	0.46	7.3	1.6	0.4	46.3	<0.01	0.11	2.0
ZZ76042		0.26	26.1	850	14.0	9.1	0.001	0.08	0.47	5.2	0.3	0.3	56.2	<0.01	0.07	1.8
ZZ76043		0.13	5.4	860	2.9	2.6	0.001	0.23	0.46	0.5	0.5	<0.2	170.5	<0.01	0.02	<0.2
ZZ76044		0.22	29.5	450	15.9	10.0	0.001	0.05	0.51	7.5	1.1	0.4	28.6	<0.01	0.07	2.3
ZZ76045		0.19	29.6	590	16.4	11.9	0.002	0.08	0.52	6.9	1.5	0.4	56.8	<0.01	0.07	2.2
ZZ76046		0.20	27.4	580	14.6	11.2	0.001	0.09	0.49	6.4	1.4	0.4	60.3	<0.01	0.07	1.5
ZZ76047		0.76	20.9	250	16.1	9.5	<0.001	0.03	0.50	3.6	0.2	0.6	8.8	<0.01	0.06	3.8
ZZ76048		0.11	32.3	610	17.3	5.3	0.001	0.05	0.80	4.6	0.8	0.3	22.8	<0.01	0.05	3.8
ZZ76049		0.25	31.7	820	17.8	14.5	0.001	0.06	0.61	7.8	1.8	0.4	44.2	<0.01	0.11	2.6
ZZ76050		0.25	45.9	810	18.7	17.8	0.001	0.06	0.61	9.9	1.6	0.5	60.1	<0.01	0.11	2.6
ZZ76051		0.29	31.2	790	17.3	16.1	0.001	0.06	0.47	8.1	1.7	0.5	33.1	<0.01	0.09	2.3
ZZ76052		0.27	27.0	990	15.4	14.1	0.001	0.12	0.59	5.9	1.9	0.4	88.8	<0.01	0.07	1.5
ZZ76053		0.16	43.5	620	15.6	9.5	0.001	0.04	0.46	10.0	1.6	0.5	24.1	<0.01	0.14	3.4
ZZ76054		0.26	15.2	1340	6.2	6.9	0.001	0.25	0.62	1.3	2.2	0.2	125.0	<0.01	0.04	0.2
ZZ76055		0.27	25.2	730	14.6	13.2	0.001	0.09	0.44	6.7	1.6	0.4	57.3	<0.01	0.09	1.3
ZZ76056		0.37	21.9	540	15.1	9.8	<0.001	0.05	0.61	5.1	0.6	0.5	46.8	<0.01	0.06	2.3
ZZ76057		0.50	13.9	800	10.0	4.8	0.001	0.14	0.53	1.7	0.7	0.3	132.0	<0.01	0.03	0.5
ZZ76058		0.31	30.2	300	15.9	8.9	0.001	0.03	0.49	5.8	0.3	0.4	19.8	<0.01	0.06	4.2
ZZ76059		0.14	37.1	480	19.1	9.0	0.001	0.03	0.53	7.5	0.7	0.3	26.7	<0.01	0.07	4.3
ZZ76060		0.59	20.5	400	13.7	12.4	0.001	0.04	0.46	4.7	0.4	0.6	9.0	<0.01	0.06	3.0

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUN- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ76021		<0.005	0.17	0.92	27	<0.05	9.71	128	2.3
ZZ76022		<0.005	0.13	0.90	28	<0.05	9.01	127	2.4
ZZ76023		<0.005	0.12	0.95	27	0.05	8.78	120	2.4
ZZ76024		<0.005	0.15	1.24	41	<0.05	12.80	90	2.4
ZZ76025		0.037	0.17	0.62	60	0.23	3.57	58	3.3
ZZ76026		0.008	0.47	2.23	53	0.06	8.79	96	1.7
ZZ76027		0.007	0.53	6.34	55	0.07	12.55	116	2.6
ZZ76028		0.006	0.38	4.15	43	0.05	9.56	106	2.2
ZZ76029		<0.005	0.11	0.78	27	<0.05	8.19	116	2.5
ZZ76030		<0.005	0.11	0.83	27	<0.05	8.38	118	2.6
ZZ76031		<0.005	0.14	1.22	29	<0.05	10.75	141	2.3
ZZ76032		0.005	0.11	0.28	46	0.05	1.84	54	<0.5
ZZ76033		0.034	0.14	0.55	59	0.24	2.24	66	1.5
ZZ76034		0.008	0.14	0.46	45	0.11	2.60	67	1.3
ZZ76035		0.008	0.50	1.47	51	0.08	4.55	90	1.4
ZZ76036		0.005	0.39	7.46	35	<0.05	8.08	110	1.7
ZZ76037		0.006	0.44	3.40	43	<0.05	10.90	92	1.6
ZZ76038		0.006	0.16	3.54	14	<0.05	5.53	73	1.8
ZZ76039		0.006	0.34	7.01	38	0.05	7.48	87	1.7
ZZ76040		0.006	0.41	4.56	45	0.06	7.64	95	1.1
ZZ76041		0.005	0.43	2.44	41	0.10	10.85	87	1.9
ZZ76042		0.006	0.08	1.83	40	0.05	9.33	74	2.0
ZZ76043		0.005	0.05	5.43	8	<0.05	1.89	32	0.9
ZZ76044		0.005	0.30	1.54	45	<0.05	8.73	89	1.8
ZZ76045		0.006	0.39	1.25	39	<0.05	9.61	92	1.9
ZZ76046		0.005	0.35	3.41	38	<0.05	9.17	100	1.8
ZZ76047		0.016	0.11	0.55	53	0.11	3.43	56	1.8
ZZ76048		<0.005	0.12	0.84	30	<0.05	8.05	116	2.5
ZZ76049		0.006	0.41	4.22	44	0.08	9.79	145	2.2
ZZ76050		0.006	0.38	9.93	62	0.06	13.60	118	2.9
ZZ76051		0.005	0.46	6.62	51	0.08	11.05	114	2.1
ZZ76052		0.007	0.47	8.62	44	0.05	9.63	93	1.8
ZZ76053		0.006	0.28	1.32	67	<0.05	10.25	105	2.8
ZZ76054		0.008	0.19	12.00	17	<0.05	11.15	45	1.3
ZZ76055		0.005	0.37	5.52	40	<0.05	11.25	101	1.6
ZZ76056		0.008	0.09	1.33	43	0.07	7.17	74	1.7
ZZ76057		0.013	0.06	0.72	28	0.08	4.81	37	1.3
ZZ76058		0.008	0.08	0.55	42	0.06	5.55	74	2.1
ZZ76059		<0.005	0.09	0.56	42	<0.05	10.40	87	1.5
ZZ76060		0.010	0.12	0.66	61	0.10	5.46	52	1.0

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76061		0.08	0.005	0.20	0.69	2.0	<0.2	<10	310	0.37	0.10	3.94	0.44	7.58	6.9	7
ZZ76062		0.13	0.001	0.08	1.38	59.5	<0.2	<10	190	0.48	0.22	1.78	0.11	13.25	14.2	22
ZZ76063		0.12	0.004	0.12	0.95	4.6	<0.2	<10	280	0.51	0.14	2.93	0.26	10.45	8.5	14
ZZ76064		0.14	0.003	0.16	1.15	16.7	<0.2	<10	290	0.64	0.15	2.85	0.30	11.90	9.2	17
ZZ76065		0.17	0.002	0.11	1.08	16.7	<0.2	<10	210	0.44	0.13	2.94	0.27	9.56	7.2	16
ZZ76066		0.22	0.003	0.22	2.06	9.9	<0.2	<10	300	0.80	0.23	1.33	0.59	21.3	17.2	32
ZZ76067		0.28	0.002	0.03	2.11	11.6	<0.2	<10	210	0.98	0.24	0.18	0.17	33.4	15.2	29
ZZ76068		0.27	0.003	0.04	1.90	10.8	<0.2	<10	110	0.80	0.24	0.25	0.08	33.3	17.5	27
ZZ76069		0.36	0.003	0.10	1.89	9.9	<0.2	<10	120	0.81	0.22	0.57	0.22	33.2	16.6	28
ZZ76070		0.10	0.002	0.09	0.78	7.0	<0.2	<10	120	0.48	0.10	3.73	0.29	8.78	4.9	10
ZZ76071		0.09	0.003	0.17	0.67	4.0	<0.2	<10	150	0.49	0.10	4.57	0.14	7.94	4.8	7
ZZ76072		0.32	0.003	0.08	1.61	124.5	<0.2	<10	130	0.87	0.25	0.35	0.29	26.0	21.2	27
ZZ76073		0.24	0.003	0.10	1.88	195.0	<0.2	<10	190	1.11	0.28	0.57	0.14	25.8	20.8	29
ZZ76074		0.28	0.002	0.10	1.68	144.5	<0.2	<10	160	0.87	0.23	0.38	0.11	23.9	18.4	26
ZZ76075		0.21	0.003	0.08	1.87	183.5	<0.2	<10	170	1.08	0.26	0.37	0.18	27.4	19.4	28
ZZ76076		0.15	0.004	0.16	1.34	61.6	<0.2	<10	160	0.84	0.28	0.44	0.17	18.80	16.5	22
ZZ76077		0.14	0.004	0.16	1.22	41.7	<0.2	<10	250	0.83	0.25	0.57	0.16	17.60	12.4	20
ZZ76078		0.19	0.004	0.17	1.19	38.5	<0.2	<10	320	0.81	0.24	0.54	0.23	18.20	14.0	20

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VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ76061		0.37	37.7	0.91	1.65	<0.05	0.03	0.15	0.013	0.02	3.7	1.9	0.45	1180	0.51	<0.01
ZZ76062		2.30	33.6	3.11	4.26	<0.05	0.03	0.10	0.031	0.07	5.7	16.1	0.57	618	0.72	<0.01
ZZ76063		1.86	48.6	1.84	2.38	<0.05	0.02	0.14	0.020	0.06	5.4	9.1	0.46	567	0.78	<0.01
ZZ76064		2.43	60.3	2.25	3.50	<0.05	0.04	0.18	0.029	0.06	5.9	12.8	0.48	472	0.99	0.01
ZZ76065		0.89	45.0	2.29	3.29	<0.05	0.04	0.14	0.023	0.04	3.8	11.7	0.52	466	0.53	0.01
ZZ76066		0.68	53.6	4.04	6.16	0.05	0.07	0.17	0.038	0.06	9.3	33.2	1.02	1990	0.91	0.01
ZZ76067		1.37	54.8	4.16	6.25	0.05	0.06	0.07	0.035	0.10	13.9	37.8	0.72	547	0.78	0.01
ZZ76068		0.97	50.0	4.33	5.66	0.06	0.07	0.08	0.027	0.09	14.2	42.8	0.88	538	0.55	0.01
ZZ76069		0.90	53.5	4.19	5.62	0.06	0.07	0.09	0.027	0.09	14.9	39.0	0.91	447	0.62	0.01
ZZ76070		0.42	33.4	1.68	1.99	<0.05	0.03	0.08	0.008	0.04	4.9	11.4	0.32	321	0.54	0.01
ZZ76071		0.57	35.9	1.27	1.83	<0.05	0.03	0.14	0.009	0.03	5.6	7.3	0.21	361	0.51	0.01
ZZ76072		2.61	60.4	4.75	5.36	0.07	0.06	0.16	0.043	0.10	10.7	29.8	0.77	464	0.89	0.01
ZZ76073		4.42	71.4	4.79	5.73	0.07	0.08	0.27	0.047	0.12	11.5	31.0	0.70	1100	1.02	0.01
ZZ76074		3.48	61.8	4.38	5.15	0.06	0.06	0.18	0.036	0.10	10.4	30.5	0.72	564	0.87	0.01
ZZ76075		4.20	73.4	4.56	5.57	0.07	0.07	0.20	0.035	0.11	12.3	35.7	0.75	713	0.87	0.01
ZZ76076		1.97	41.2	3.96	4.07	<0.05	0.09	0.17	0.033	0.07	8.3	31.8	0.53	549	1.58	0.01
ZZ76077		1.45	38.5	3.76	3.78	<0.05	0.08	0.16	0.032	0.07	7.7	30.6	0.49	435	1.63	0.01
ZZ76078		1.54	45.0	3.78	3.62	0.05	0.08	0.17	0.027	0.07	7.9	29.8	0.49	531	1.53	0.01

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76061		0.28	9.5	1280	4.3	1.5	0.001	0.26	0.51	1.1	4.5	0.2	228	<0.01	0.01	<0.2
ZZ76062		0.27	16.5	1050	12.3	7.9	0.001	0.14	0.44	3.7	1.3	0.4	100.5	<0.01	0.06	0.7
ZZ76063		0.30	13.8	1210	7.4	6.7	0.001	0.19	0.63	2.1	2.4	0.3	125.5	<0.01	0.05	0.2
ZZ76064		0.35	17.1	1220	11.4	8.8	0.001	0.14	0.50	3.7	2.7	0.4	156.5	<0.01	0.05	0.5
ZZ76065		0.17	16.8	1220	8.5	4.5	<0.001	0.19	0.31	2.6	2.5	0.4	153.0	<0.01	0.06	0.5
ZZ76066		0.26	32.0	1290	12.9	8.1	0.002	0.11	0.41	5.3	2.7	0.5	87.6	<0.01	0.09	1.3
ZZ76067		0.40	31.3	290	16.1	11.3	<0.001	0.01	0.48	6.6	0.5	0.6	17.2	<0.01	0.06	4.6
ZZ76068		0.15	33.2	230	16.5	7.3	<0.001	<0.01	0.46	6.0	0.5	0.4	18.3	<0.01	0.06	5.2
ZZ76069		0.22	34.4	560	15.0	6.8	<0.001	0.02	0.46	6.6	0.7	0.4	31.6	<0.01	0.07	4.1
ZZ76070		0.18	14.5	930	6.9	3.4	0.001	0.14	0.35	0.9	0.8	0.2	140.5	<0.01	0.04	0.2
ZZ76071		0.20	10.1	1080	7.1	2.9	<0.001	0.16	0.44	1.2	1.3	0.2	182.0	<0.01	0.03	0.2
ZZ76072		0.18	34.9	620	20.1	10.5	0.001	0.02	0.46	7.6	1.3	0.5	25.1	<0.01	0.09	3.5
ZZ76073		0.23	35.4	850	23.0	17.8	0.001	0.04	0.47	9.7	2.2	0.5	43.1	<0.01	0.09	2.6
ZZ76074		0.20	33.0	680	17.8	12.5	<0.001	0.02	0.45	8.3	1.6	0.5	35.1	<0.01	0.06	2.9
ZZ76075		0.21	34.3	600	19.0	14.7	<0.001	0.02	0.48	9.4	1.7	0.5	29.4	<0.01	0.09	3.2
ZZ76076		0.13	30.9	670	23.7	11.2	0.001	0.04	0.88	5.1	1.2	0.4	33.3	<0.01	0.06	2.9
ZZ76077		0.12	28.3	620	21.5	7.0	0.001	0.04	0.89	4.6	1.4	0.4	39.6	<0.01	0.06	2.7
ZZ76078		0.11	33.6	580	20.5	7.3	0.002	0.05	0.96	4.5	1.3	0.4	36.4	<0.01	0.06	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76061		0.013	0.06	17.10	12	<0.05	5.42	10	1.2
ZZ76062		0.008	0.23	4.94	42	<0.05	4.23	54	1.2
ZZ76063		0.008	0.08	2.23	25	0.06	7.69	49	1.0
ZZ76064		0.010	0.13	2.57	30	0.07	8.72	48	1.4
ZZ76065		0.007	0.11	6.14	28	<0.05	4.98	40	1.3
ZZ76066		0.008	0.09	13.70	55	0.07	9.44	75	2.1
ZZ76067		0.009	0.10	0.92	50	0.11	9.17	67	2.3
ZZ76068		0.006	0.07	0.48	40	<0.05	5.83	76	3.3
ZZ76069		0.008	0.07	0.70	44	0.06	9.57	82	2.6
ZZ76070		0.006	0.05	0.66	15	<0.05	6.26	42	1.2
ZZ76071		0.006	0.06	1.86	13	<0.05	9.86	19	1.2
ZZ76072		0.007	0.33	1.60	49	0.05	10.90	95	2.1
ZZ76073		0.006	0.61	7.82	51	0.07	15.15	105	2.3
ZZ76074		0.007	0.43	3.17	46	0.07	11.35	95	1.8
ZZ76075		0.007	0.51	4.43	48	0.19	13.50	96	2.1
ZZ76076		<0.005	0.18	1.75	35	0.05	9.52	102	2.8
ZZ76077		<0.005	0.11	1.46	33	<0.05	8.98	112	2.5
ZZ76078		<0.005	0.12	1.39	32	<0.05	10.25	112	2.5

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ALS Minerals

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Finalized Date: 28-JUN-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13110537

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	NSS is non-sufficient sample.
Applies to Method:	ALL METHODS
	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method:	ME-MS41

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

CERTIFICATE WH13115531

Project: Nadaleen
P.O. No.: SO-02
This report is for 240 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76601		<0.02	0.004	0.97	0.75	19.0	<0.2	<10	140	0.65	0.13	2.33	1.24	16.35	8.1	9
ZZ76602		0.04	NSS	0.33	0.40	6.8	<0.2	10	110	0.23	0.07	2.99	1.65	3.87	2.9	5
ZZ76603		0.07	0.004	0.41	0.70	7.3	<0.2	10	200	0.61	0.10	2.65	1.62	9.02	6.4	8
ZZ76604		0.18	<0.001	0.05	1.03	13.9	<0.2	<10	70	0.43	0.36	0.04	0.15	10.60	9.9	25
ZZ76605		0.11	0.001	0.09	1.33	18.5	<0.2	<10	140	0.37	0.26	0.05	0.20	22.4	5.5	22
ZZ76606		0.07	0.002	0.44	0.73	14.9	<0.2	<10	1310	0.34	0.18	0.06	0.65	11.25	3.1	15
ZZ76607		0.27	0.004	0.35	0.67	29.9	<0.2	<10	210	0.51	0.25	0.03	0.81	10.05	8.9	13
ZZ76608		0.12	0.005	1.00	0.85	17.7	<0.2	<10	420	0.46	0.23	0.14	0.64	17.55	5.2	15
ZZ76609		0.10	0.001	0.23	0.65	23.1	<0.2	<10	330	0.21	0.23	0.38	3.88	14.95	3.1	17
ZZ76610		0.18	0.003	0.57	1.53	36.9	<0.2	<10	200	0.70	0.27	0.05	0.38	17.75	8.2	29
ZZ76611		0.23	0.002	0.64	1.03	118.0	<0.2	<10	240	0.50	0.27	0.02	0.30	13.50	6.0	22
ZZ76612		0.20	0.001	0.26	1.00	31.1	<0.2	<10	280	0.22	0.26	0.04	0.18	21.0	3.8	21
ZZ76613		0.26	0.004	0.81	0.87	35.5	<0.2	<10	450	0.26	0.36	0.03	0.13	18.55	3.2	20
ZZ76614		0.27	0.002	1.15	0.64	42.0	<0.2	<10	440	0.18	0.30	0.03	0.49	20.8	3.1	19
ZZ76615		0.22	0.003	1.91	0.61	89.2	<0.2	<10	980	0.44	0.26	0.14	0.86	13.90	2.2	30
ZZ76616		0.25	0.004	0.43	0.41	15.4	<0.2	<10	730	0.16	0.27	0.04	0.37	19.60	1.0	16
ZZ76617		0.17	0.010	3.34	0.96	56.4	<0.2	<10	1460	1.19	0.18	0.76	1.89	10.95	6.5	32
ZZ76618		0.04	0.007	1.73	0.44	25.0	<0.2	10	1270	0.64	0.12	1.71	2.66	4.19	5.4	22
ZZ76619		0.20	0.006	3.65	1.37	59.0	<0.2	10	4430	1.94	0.30	1.52	1.52	14.35	10.7	43
ZZ76620		0.08	0.005	0.95	0.26	6.0	<0.2	10	670	0.32	0.09	3.41	0.69	1.99	2.8	10
ZZ76621		0.25	0.004	1.11	0.37	29.4	<0.2	<10	1080	0.42	0.17	0.39	0.53	3.72	4.4	15
ZZ76622		0.09	0.004	1.25	0.51	27.2	<0.2	<10	880	0.58	0.15	1.65	0.70	5.62	4.9	16
ZZ76623		0.04	NSS	0.92	0.38	55.4	<0.2	10	550	0.51	0.07	3.90	2.17	3.10	16.3	10
ZZ76624		0.08	0.005	1.20	0.40	21.9	<0.2	10	1980	0.58	0.16	1.22	2.44	5.74	5.4	20
ZZ76625		0.07	0.004	0.84	0.69	16.1	<0.2	<10	1390	0.50	0.19	0.67	0.24	8.58	5.1	24
ZZ76626		0.05	NSS	0.64	0.58	14.2	<0.2	10	1010	0.35	0.11	3.27	0.53	3.66	5.8	11
ZZ76627		0.06	0.007	0.32	0.17	5.3	<0.2	10	800	0.34	0.03	2.70	1.21	1.33	1.9	3
ZZ76628		0.10	0.004	1.20	0.38	32.2	<0.2	<10	810	0.33	0.11	0.94	1.51	3.71	2.8	15
ZZ76629		0.12	0.005	1.78	0.44	57.7	<0.2	10	850	0.61	0.15	1.84	2.23	4.46	4.6	23
ZZ76630		0.11	0.009	2.06	1.63	523	<0.2	<10	350	1.66	0.28	1.02	5.48	27.4	13.1	35
ZZ76631		0.25	0.004	0.95	0.58	384	<0.2	<10	70	1.02	0.09	19.20	1.87	9.67	4.7	11
ZZ76632		0.20	0.002	0.20	2.10	215	<0.2	<10	250	0.84	0.29	0.42	0.63	32.4	11.6	32
ZZ76633		0.18	0.004	1.03	1.45	189.5	<0.2	<10	180	1.67	0.20	8.89	4.18	25.8	7.3	23
ZZ76634		0.20	0.002	0.68	1.00	188	<0.2	<10	80	1.14	0.13	12.60	1.41	17.55	5.4	20
ZZ76635		0.20	0.002	0.23	1.91	96.0	<0.2	<10	140	1.07	0.25	3.78	1.95	28.7	8.8	30
ZZ76636		0.22	0.002	0.37	1.54	91.3	<0.2	<10	120	1.06	0.19	7.43	1.82	22.2	6.7	24
ZZ76637		0.27	0.002	0.47	1.45	97.6	<0.2	<10	160	1.34	0.21	7.18	1.30	19.70	8.4	24
ZZ76638		0.24	0.003	0.50	1.19	90.4	<0.2	<10	540	1.09	0.22	1.35	0.85	21.4	10.3	27
ZZ76639		0.14	0.004	0.33	1.05	68.8	<0.2	<10	590	0.81	0.18	2.22	1.51	15.85	7.7	19
ZZ76640		0.09	0.003	0.44	1.03	78.3	<0.2	<10	740	0.83	0.18	2.40	1.43	15.35	7.6	19

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VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76601		0.58	34.0	1.80	2.30	<0.05	0.07	0.16	0.024	0.09	7.6	6.0	0.29	165	5.71	0.01
ZZ76602		0.65	12.7	0.77	1.29	<0.05	0.05	0.13	0.012	0.06	1.8	3.6	0.34	110	1.93	0.01
ZZ76603		0.54	24.8	1.52	1.90	<0.05	0.06	0.10	0.019	0.12	3.9	5.6	0.24	278	3.07	0.01
ZZ76604		2.05	19.5	3.41	5.60	<0.05	<0.02	0.02	0.028	0.12	4.7	6.5	0.18	678	1.79	0.01
ZZ76605		1.84	14.9	2.72	6.52	<0.05	0.06	0.03	0.027	0.06	11.1	18.9	0.20	181	3.08	<0.01
ZZ76606		1.74	25.1	1.46	4.33	<0.05	<0.02	0.12	0.021	0.09	4.9	2.8	0.06	53	4.70	0.01
ZZ76607		2.99	61.9	2.94	2.85	<0.05	<0.02	0.10	0.039	0.12	4.0	3.9	0.07	225	7.44	<0.01
ZZ76608		2.41	40.1	2.08	3.22	<0.05	<0.02	0.25	0.033	0.10	8.0	9.4	0.16	115	4.49	0.01
ZZ76609		1.98	21.9	1.62	5.22	<0.05	<0.02	0.04	0.019	0.07	7.5	2.7	0.15	71	3.36	0.01
ZZ76610		4.67	26.4	3.65	5.24	<0.05	0.08	0.05	0.041	0.10	9.0	23.6	0.28	210	5.10	0.01
ZZ76611		8.14	40.2	3.64	4.58	<0.05	0.03	0.06	0.037	0.12	6.5	7.3	0.13	108	6.27	0.01
ZZ76612		3.49	14.0	2.48	5.94	<0.05	<0.02	0.02	0.021	0.08	10.6	6.4	0.17	142	3.92	0.01
ZZ76613		7.46	26.6	4.31	8.23	<0.05	0.03	0.09	0.037	0.17	9.3	4.2	0.11	90	5.41	0.01
ZZ76614		4.28	29.8	2.94	5.57	<0.05	<0.02	0.05	0.038	0.16	10.1	1.5	0.04	62	8.92	0.01
ZZ76615		0.97	54.4	1.77	3.99	0.05	<0.02	0.29	0.023	0.09	9.0	1.9	0.04	53	8.82	<0.01
ZZ76616		1.91	9.3	0.70	4.53	<0.05	<0.02	0.06	0.012	0.07	10.4	0.8	0.02	27	3.97	<0.01
ZZ76617		2.34	152.5	1.96	2.42	0.07	0.04	1.10	0.035	0.05	5.8	10.6	0.16	175	3.88	<0.01
ZZ76618		1.14	82.0	1.64	0.95	0.06	0.06	0.46	0.024	0.04	2.7	2.2	0.10	139	2.62	<0.01
ZZ76619		1.89	56.1	6.62	3.29	0.14	0.03	0.23	0.050	0.11	7.9	4.0	0.08	364	6.85	<0.01
ZZ76620		0.73	34.4	0.99	0.66	0.05	0.05	0.27	0.016	0.04	1.3	1.1	0.10	126	1.46	<0.01
ZZ76621		1.29	39.2	2.21	1.53	<0.05	0.03	0.15	0.028	0.06	2.2	1.3	0.06	66	6.53	<0.01
ZZ76622		0.95	36.0	1.77	1.50	<0.05	0.04	0.31	0.027	0.05	2.9	3.9	0.10	175	2.22	<0.01
ZZ76623		0.54	39.8	2.72	0.77	0.07	0.05	0.33	0.013	0.04	1.8	1.8	0.15	2160	2.38	0.01
ZZ76624		0.76	48.4	2.44	1.23	0.07	0.03	0.27	0.025	0.06	2.9	1.9	0.04	106	4.36	<0.01
ZZ76625		0.71	34.3	2.09	2.26	<0.05	0.03	0.23	0.028	0.06	4.0	4.3	0.10	108	4.47	<0.01
ZZ76626		0.64	17.9	1.09	1.64	0.05	0.04	0.18	0.015	0.03	1.7	3.1	0.10	407	1.71	0.01
ZZ76627		0.14	21.3	0.70	0.33	<0.05	0.03	0.10	<0.005	0.02	0.7	0.4	0.07	246	1.40	<0.01
ZZ76628		1.20	32.7	1.24	1.19	0.05	0.05	0.40	0.020	0.05	2.2	1.4	0.04	48	3.51	0.01
ZZ76629		0.87	52.0	1.71	1.37	0.06	0.06	0.50	0.026	0.06	2.6	3.2	0.10	211	3.63	<0.01
ZZ76630		1.28	29.8	3.40	4.86	0.07	0.04	6.20	0.038	0.06	12.9	13.6	0.41	853	2.85	0.01
ZZ76631		1.00	8.3	1.33	1.65	<0.05	0.04	5.39	0.014	0.03	4.8	4.1	5.99	508	1.64	0.01
ZZ76632		1.54	11.1	3.04	6.46	0.05	0.04	0.45	0.029	0.05	14.2	16.3	0.49	396	1.21	<0.01
ZZ76633		0.98	9.3	2.14	3.70	0.06	0.04	2.71	0.024	0.04	15.8	8.7	4.47	1080	1.00	0.01
ZZ76634		0.94	11.7	1.64	2.53	0.05	0.04	2.30	0.018	0.04	10.1	7.0	6.83	372	1.45	0.01
ZZ76635		1.00	9.1	2.79	5.37	0.05	0.05	0.44	0.032	0.05	15.0	13.2	2.35	317	1.08	0.01
ZZ76636		0.89	8.3	2.28	3.89	0.05	0.04	0.57	0.026	0.03	12.8	9.2	4.11	404	0.88	0.01
ZZ76637		0.85	16.0	2.32	3.93	<0.05	0.05	0.40	0.026	0.06	10.0	12.4	3.86	440	1.10	0.01
ZZ76638		0.55	25.2	3.16	3.68	0.06	0.05	0.44	0.033	0.06	9.3	13.7	0.55	749	2.97	<0.01
ZZ76639		0.61	17.5	2.19	3.13	<0.05	0.04	0.40	0.024	0.05	7.9	10.3	0.42	353	1.25	<0.01
ZZ76640		0.56	19.8	2.10	3.04	<0.05	0.04	0.70	0.024	0.05	7.9	10.0	0.39	394	1.10	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76601		0.21	17.5	1390	16.1	6.0	0.001	0.15	3.52	2.1	2.7	0.3	68.4	<0.01	0.04	0.7
ZZ76602		0.14	7.5	700	4.8	5.9	0.001	0.16	1.24	1.3	1.0	0.2	101.5	<0.01	0.02	0.4
ZZ76603		0.21	17.2	990	7.8	8.4	0.001	0.19	2.01	1.4	2.3	0.3	67.3	<0.01	0.02	0.5
ZZ76604		0.64	14.2	490	22.5	15.8	<0.001	0.03	0.48	1.3	0.6	1.1	5.5	<0.01	0.04	0.4
ZZ76605		1.00	15.1	220	14.8	15.1	<0.001	0.02	0.71	2.5	1.2	0.8	11.0	<0.01	0.05	3.6
ZZ76606		0.23	17.4	770	12.4	9.3	<0.001	0.07	1.87	0.7	1.4	0.7	23.5	<0.01	0.09	0.2
ZZ76607		0.20	41.4	900	17.7	14.2	0.001	0.05	2.51	2.6	2.5	0.6	17.3	<0.01	0.10	1.4
ZZ76608		0.30	23.3	790	14.3	13.1	0.002	0.05	1.53	2.5	2.5	0.5	19.8	<0.01	0.08	1.7
ZZ76609		0.27	21.0	520	12.1	9.4	<0.001	0.04	0.74	0.4	1.5	0.7	29.8	<0.01	0.04	<0.2
ZZ76610		0.84	37.0	560	16.8	17.8	<0.001	0.06	1.26	3.0	2.6	0.7	22.7	<0.01	0.07	4.1
ZZ76611		0.53	36.7	750	25.4	17.4	<0.001	0.11	2.26	2.9	3.1	0.7	36.8	<0.01	0.11	3.0
ZZ76612		1.05	19.0	380	12.3	15.5	<0.001	0.06	1.19	2.0	1.5	0.8	19.2	<0.01	0.07	2.8
ZZ76613		1.66	16.6	860	19.5	17.0	<0.001	0.23	2.47	2.3	3.6	1.0	39.7	<0.01	0.10	3.7
ZZ76614		0.70	23.2	910	18.5	15.1	0.001	0.28	2.93	1.2	3.5	1.0	62.5	<0.01	0.12	0.7
ZZ76615		0.58	54.2	1220	20.5	10.8	0.002	0.13	1.84	2.0	4.6	0.8	61.2	<0.01	0.10	1.0
ZZ76616		0.27	7.8	300	11.7	6.9	0.003	0.07	0.59	0.3	1.6	1.4	29.7	<0.01	0.03	<0.2
ZZ76617		0.30	103.0	1600	11.7	10.2	0.008	0.12	1.68	5.5	7.7	0.5	103.5	<0.01	0.06	0.4
ZZ76618		0.12	122.5	1050	7.6	6.7	0.025	0.15	1.40	5.7	9.0	0.3	163.0	<0.01	0.05	0.4
ZZ76619		0.17	119.5	7560	19.3	11.5	0.003	0.04	1.20	19.3	5.0	0.5	604	<0.01	0.12	2.6
ZZ76620		0.08	48.9	730	4.4	5.3	0.022	0.18	0.71	2.7	7.4	0.2	221	<0.01	0.03	0.2
ZZ76621		0.12	65.1	330	8.7	9.2	0.003	0.05	0.92	4.5	3.3	0.4	43.6	<0.01	0.10	0.7
ZZ76622		0.16	50.8	530	9.7	6.5	0.009	0.08	0.73	3.9	3.9	0.3	88.1	<0.01	0.06	0.5
ZZ76623		0.10	79.5	1360	4.8	3.7	0.075	0.35	1.29	1.9	13.9	0.2	226	<0.01	0.04	0.2
ZZ76624		0.11	86.1	1270	10.2	5.8	0.011	0.12	1.64	3.7	7.4	0.3	121.0	<0.01	0.09	0.7
ZZ76625		0.33	51.0	660	9.2	7.4	0.004	0.05	0.69	4.2	3.3	0.4	56.3	<0.01	0.05	1.0
ZZ76626		0.23	25.6	960	6.8	3.4	0.014	0.19	0.76	1.5	9.2	0.2	164.0	<0.01	0.04	0.2
ZZ76627		0.06	43.4	720	1.3	0.9	0.014	0.17	0.71	0.5	7.4	<0.2	147.0	<0.01	0.01	<0.2
ZZ76628		0.15	48.1	950	7.9	6.6	0.014	0.15	1.27	3.0	8.5	0.3	82.7	<0.01	0.04	0.5
ZZ76629		0.12	65.9	950	12.1	5.2	0.046	0.13	1.44	3.5	12.3	0.3	125.0	<0.01	0.07	0.5
ZZ76630		0.90	68.5	480	280	11.1	0.002	0.04	4.87	4.9	2.7	0.6	23.0	<0.01	0.04	1.8
ZZ76631		0.22	23.9	430	224	5.5	<0.001	0.02	2.52	2.5	1.2	0.3	65.2	<0.01	0.02	0.8
ZZ76632		1.44	25.0	200	46.3	12.3	<0.001	0.01	0.61	3.7	0.5	0.7	12.6	<0.01	0.03	4.1
ZZ76633		0.62	20.1	830	193.5	8.0	<0.001	0.04	1.46	3.3	1.1	0.4	45.9	<0.01	0.03	0.9
ZZ76634		0.29	24.3	1070	94.3	7.3	<0.001	0.04	1.38	2.3	1.3	0.3	62.5	<0.01	0.03	0.8
ZZ76635		1.16	22.9	360	41.4	10.4	<0.001	0.02	0.77	4.4	0.8	0.6	24.8	<0.01	0.03	2.8
ZZ76636		0.68	20.0	830	83.2	7.5	<0.001	0.04	0.82	2.7	0.8	0.5	40.2	<0.01	0.03	1.0
ZZ76637		0.70	24.0	720	47.4	10.3	<0.001	0.04	0.93	3.1	0.8	0.5	44.7	<0.01	0.03	1.2
ZZ76638		0.49	37.0	520	24.5	7.0	<0.001	0.04	1.05	4.4	2.0	0.5	40.4	<0.01	0.05	1.6
ZZ76639		0.64	21.3	660	29.4	10.7	<0.001	0.07	0.89	2.3	1.1	0.4	30.4	<0.01	0.04	0.8
ZZ76640		0.59	22.7	790	31.5	9.3	<0.001	0.08	0.96	2.3	1.2	0.4	34.1	<0.01	0.04	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76601	<0.005	0.14	3.17	51	<0.05	9.84	124	2.3
ZZ76602	<0.005	0.12	0.94	18	<0.05	2.27	84	1.7
ZZ76603	<0.005	0.15	1.92	28	<0.05	6.27	145	2.0
ZZ76604	0.009	0.19	0.68	47	0.31	2.31	62	<0.5
ZZ76605	0.019	0.29	0.62	72	0.17	2.55	71	2.3
ZZ76606	<0.005	0.35	1.18	76	0.11	5.00	106	<0.5
ZZ76607	<0.005	0.70	1.26	82	0.05	4.84	254	0.5
ZZ76608	0.005	0.44	1.48	56	0.09	8.31	145	<0.5
ZZ76609	0.008	0.20	0.73	64	0.14	2.91	108	<0.5
ZZ76610	0.017	0.54	0.98	83	0.13	3.74	177	3.4
ZZ76611	0.010	0.76	0.88	95	0.08	4.03	191	1.8
ZZ76612	0.027	0.41	0.59	91	0.14	2.65	93	0.7
ZZ76613	0.060	0.49	0.71	101	0.22	2.57	90	1.3
ZZ76614	0.025	0.68	0.80	166	0.18	3.18	122	<0.5
ZZ76615	0.014	0.50	2.55	87	0.17	9.55	192	<0.5
ZZ76616	0.012	0.18	0.79	40	0.13	2.55	30	<0.5
ZZ76617	0.005	0.57	9.41	43	0.09	53.1	317	1.1
ZZ76618	<0.005	0.20	5.71	37	<0.05	36.1	315	3.1
ZZ76619	<0.005	0.17	4.92	151	0.11	70.4	304	0.6
ZZ76620	<0.005	0.13	5.59	17	<0.05	14.55	78	2.2
ZZ76621	<0.005	0.18	1.58	60	<0.05	16.50	175	1.3
ZZ76622	<0.005	0.14	2.48	43	<0.05	18.70	135	1.8
ZZ76623	<0.005	0.09	8.43	27	<0.05	21.4	228	1.7
ZZ76624	<0.005	0.35	3.76	65	0.05	17.70	228	1.3
ZZ76625	0.006	0.10	3.02	50	0.08	13.10	125	1.1
ZZ76626	<0.005	0.09	1.97	25	0.05	4.46	54	1.5
ZZ76627	<0.005	0.02	0.94	4	<0.05	6.36	149	1.1
ZZ76628	<0.005	0.26	2.08	33	0.05	9.42	107	2.1
ZZ76629	<0.005	0.17	3.49	50	0.06	18.65	217	2.4
ZZ76630	0.014	2.83	3.11	82	0.36	16.50	884	1.3
ZZ76631	0.005	1.07	3.11	35	0.22	10.85	336	1.1
ZZ76632	0.027	0.39	1.30	66	0.27	5.19	176	1.6
ZZ76633	0.016	0.65	1.89	54	0.21	21.0	328	1.0
ZZ76634	0.007	0.64	2.39	42	0.23	15.90	277	1.3
ZZ76635	0.023	0.32	1.73	61	0.27	10.20	354	1.4
ZZ76636	0.017	0.28	1.70	55	0.19	13.95	298	1.0
ZZ76637	0.010	0.32	1.51	53	0.20	10.80	198	1.4
ZZ76638	0.007	0.22	1.67	74	0.15	12.50	169	1.3
ZZ76639	0.011	0.32	3.23	47	0.13	8.46	206	1.2
ZZ76640	0.010	0.29	3.09	44	0.13	9.11	189	1.2

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76641		0.10	0.006	0.27	1.28	75.5	<0.2	<10	470	0.87	0.21	1.95	2.29	19.35	11.5	23
ZZ76642		0.19	0.001	0.03	1.66	38.4	<0.2	<10	290	0.63	0.22	0.32	0.48	19.35	9.5	25
ZZ76643		0.11	0.001	0.33	1.15	23.1	<0.2	<10	580	0.39	0.22	0.90	0.31	14.05	5.2	18
ZZ76644		0.13	0.003	0.49	1.09	79.4	<0.2	<10	780	0.82	0.20	1.45	1.89	14.45	9.5	21
ZZ76645		0.15	0.001	0.13	1.29	43.0	<0.2	<10	480	0.48	0.26	0.62	1.63	15.70	10.9	22
ZZ76646		0.28	0.002	0.52	1.44	86.7	<0.2	<10	110	1.10	0.17	7.76	1.60	25.3	8.5	26
ZZ76647		0.23	0.003	0.61	1.01	136	<0.2	<10	90	0.73	0.11	14.60	0.47	18.50	4.4	15
ZZ76648		0.21	0.006	0.77	1.19	542	<0.2	<10	130	1.28	0.17	11.15	2.33	17.05	6.7	21
ZZ76649		0.29	0.003	0.87	1.11	291	<0.2	<10	100	1.39	0.18	11.05	3.79	17.55	8.8	20
ZZ76650		0.19	0.003	0.45	1.51	161.0	<0.2	<10	260	1.01	0.24	4.57	3.56	21.5	9.5	24
ZZ76651		0.41	0.008	1.17	0.81	403	<0.2	<10	120	1.09	0.15	11.75	2.97	16.65	7.9	20
ZZ76652		0.16	0.003	0.68	1.53	233	<0.2	<10	150	1.06	0.24	3.55	6.13	20.1	8.9	25
ZZ76653		0.14	0.005	2.10	0.56	66.1	<0.2	10	1420	0.64	0.15	0.95	1.98	5.79	3.4	33
ZZ76654		0.11	0.004	1.12	0.47	45.9	<0.2	10	990	0.52	0.14	1.59	1.02	3.72	4.2	22
ZZ76655		0.29	0.002	0.61	0.68	66.6	<0.2	<10	1090	0.45	0.25	0.26	0.32	7.57	4.9	23
ZZ76656		0.26	0.002	0.36	0.82	31.8	<0.2	<10	590	0.36	0.27	0.09	0.54	16.60	4.8	19
ZZ76657		0.15	0.004	0.98	0.83	37.9	<0.2	<10	620	0.77	0.20	1.40	0.57	8.75	4.9	19
ZZ76658		0.22	0.007	2.77	0.39	95.2	<0.2	10	1260	0.59	0.17	0.47	1.41	6.01	2.9	27
ZZ76659		0.21	0.009	1.82	0.81	29.2	<0.2	<10	1990	1.01	0.19	0.31	2.95	7.76	11.3	29
ZZ76660		0.14	0.007	1.86	0.62	21.6	<0.2	<10	1030	0.61	0.17	1.05	0.83	5.49	6.2	22
ZZ76661		0.15	0.004	0.56	0.54	20.5	<0.2	<10	1120	0.39	0.16	0.73	1.98	5.36	5.1	27
ZZ76662		0.29	0.005	1.95	0.53	35.5	<0.2	<10	1000	0.69	0.19	0.37	1.73	8.16	9.7	35
ZZ76663		0.09	0.009	4.50	0.62	29.6	<0.2	<10	2300	0.60	0.14	0.83	1.18	7.29	3.5	19
ZZ76664		0.26	0.005	1.55	0.35	104.5	<0.2	<10	770	0.41	0.25	0.02	0.73	4.97	0.8	19
ZZ76665		0.14	0.010	3.05	0.32	122.5	<0.2	<10	1070	0.31	0.14	0.81	0.86	7.19	1.6	29
ZZ76666		0.26	0.010	1.56	0.79	71.1	<0.2	<10	630	1.80	0.16	0.01	1.52	25.8	13.1	19
ZZ76667		0.28	0.003	1.16	1.88	23.1	<0.2	<10	1120	0.86	0.28	0.03	1.12	17.75	12.8	31
ZZ76668		0.26	0.004	1.56	0.80	60.4	<0.2	<10	320	0.20	0.35	0.03	0.17	20.9	2.3	16
ZZ76669		0.14	0.002	0.14	1.06	17.1	<0.2	<10	90	0.23	0.33	0.04	0.27	26.7	4.1	20
ZZ76670		0.32	0.003	0.23	0.65	33.7	<0.2	<10	280	0.30	0.29	0.01	0.26	15.05	5.9	17
ZZ76671		0.55	0.003	0.31	0.70	25.9	<0.2	<10	350	0.21	0.24	0.03	0.23	14.25	4.5	15
ZZ76672		0.11	0.007	2.49	1.15	89.1	<0.2	<10	950	0.40	0.26	0.47	0.95	13.90	4.3	21
ZZ76673		0.12	0.010	2.83	1.10	31.6	<0.2	<10	920	0.41	0.33	0.11	0.62	14.95	3.8	21
ZZ76674		0.35	0.002	0.34	0.51	30.8	<0.2	<10	1260	0.27	0.23	0.09	0.53	11.40	4.3	12
ZZ76675		0.46	0.008	1.36	0.18	399	<0.2	<10	170	0.22	0.34	0.10	0.58	9.43	2.6	9
ZZ76676		0.30	0.002	0.34	0.65	12.6	<0.2	<10	170	0.18	0.22	0.06	0.56	11.85	2.7	23
ZZ76677		0.50	0.006	0.16	0.56	9.9	<0.2	<10	950	0.23	0.18	0.15	1.13	13.35	1.9	22
ZZ76678		0.29	0.006	0.61	0.83	25.3	<0.2	<10	330	0.60	0.22	1.03	1.47	20.4	8.6	34
ZZ76679		0.18	0.003	0.27	0.94	15.6	<0.2	10	180	1.01	0.19	2.00	1.13	15.35	8.9	14
ZZ76680		0.12	0.003	0.62	0.89	14.2	<0.2	10	180	0.91	0.18	1.65	1.94	17.25	9.7	13

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ76641		0.71	16.5	2.52	3.97	<0.05	0.04	0.44	0.029	0.05	8.9	12.2	0.56	485	1.23	<0.01
ZZ76642		0.83	7.2	2.80	5.45	<0.05	0.04	0.08	0.029	0.04	8.7	13.1	0.35	325	1.34	<0.01
ZZ76643		0.83	10.7	1.82	4.81	<0.05	0.02	0.11	0.022	0.05	7.0	8.2	0.23	190	1.08	<0.01
ZZ76644		0.65	23.1	2.48	3.33	<0.05	0.05	0.53	0.030	0.08	6.9	11.0	0.38	384	1.70	<0.01
ZZ76645		0.92	17.9	2.60	4.97	<0.05	0.03	0.09	0.031	0.07	7.5	12.1	0.33	435	1.77	<0.01
ZZ76646		0.89	14.1	2.28	3.88	0.06	0.06	0.97	0.026	0.04	16.1	9.9	4.47	337	1.51	0.01
ZZ76647		0.78	6.3	1.37	2.38	<0.05	0.03	0.66	0.014	0.03	11.8	5.8	8.25	314	1.02	0.01
ZZ76648		1.10	10.3	2.30	3.51	<0.05	0.06	4.43	0.024	0.04	10.4	8.1	4.41	423	2.32	0.01
ZZ76649		1.00	13.5	2.16	3.21	<0.05	0.03	1.74	0.026	0.05	9.1	7.5	3.59	1220	2.29	0.01
ZZ76650		1.22	15.2	2.46	4.57	<0.05	0.02	2.21	0.026	0.04	10.1	8.9	0.55	1030	1.06	0.01
ZZ76651		0.79	16.8	2.03	2.39	0.05	0.05	5.49	0.025	0.06	9.6	6.4	5.90	355	3.14	0.01
ZZ76652		1.06	12.2	2.65	4.44	0.05	0.03	5.78	0.031	0.05	10.5	10.5	1.39	1020	1.76	0.01
ZZ76653		1.38	50.8	1.78	1.86	0.05	0.05	0.62	0.027	0.06	3.5	3.6	0.07	88	6.32	<0.01
ZZ76654		0.98	34.5	1.78	1.39	0.05	0.05	0.37	0.027	0.05	2.1	3.4	0.07	198	3.72	<0.01
ZZ76655		1.33	37.2	3.03	3.38	<0.05	<0.02	0.13	0.031	0.09	3.4	5.4	0.11	101	4.94	<0.01
ZZ76656		1.46	21.6	2.48	4.66	<0.05	<0.02	0.06	0.023	0.08	8.6	5.3	0.10	204	4.22	<0.01
ZZ76657		1.23	40.0	2.17	2.39	0.05	0.04	0.49	0.029	0.07	4.0	7.5	0.17	105	2.56	<0.01
ZZ76658		1.50	68.3	1.29	1.34	0.06	0.07	2.18	0.027	0.07	3.9	2.4	0.05	55	6.01	<0.01
ZZ76659		2.36	91.9	2.72	1.90	0.07	0.06	0.58	0.034	0.06	4.1	4.5	0.06	287	6.36	<0.01
ZZ76660		1.09	55.5	1.98	1.73	0.05	0.04	0.33	0.028	0.05	2.9	3.1	0.12	219	5.28	<0.01
ZZ76661		0.69	38.7	2.07	1.75	<0.05	0.03	0.13	0.028	0.06	2.7	2.9	0.08	274	4.63	<0.01
ZZ76662		1.82	56.3	2.70	1.69	0.06	0.03	0.26	0.036	0.07	4.8	4.0	0.05	110	9.72	<0.01
ZZ76663		1.47	97.6	1.40	1.87	0.06	0.02	0.90	0.029	0.05	3.6	2.2	0.09	28	4.05	<0.01
ZZ76664		3.40	37.1	1.82	1.80	<0.05	<0.02	0.11	0.036	0.14	3.2	1.6	0.01	12	14.20	<0.01
ZZ76665		4.14	66.7	1.57	1.65	0.06	0.02	1.03	0.029	0.06	3.6	1.3	0.09	12	4.72	0.01
ZZ76666		2.27	199.5	5.65	1.36	0.11	0.08	1.65	0.039	0.06	9.8	1.6	0.03	289	10.25	<0.01
ZZ76667		2.38	31.3	3.91	5.72	<0.05	0.06	0.09	0.040	0.09	8.5	17.1	0.18	571	3.97	<0.01
ZZ76668		2.62	11.1	3.24	6.72	0.05	0.02	0.10	0.035	0.20	9.9	3.9	0.11	123	4.51	0.01
ZZ76669		1.69	12.9	3.06	7.43	<0.05	0.03	0.02	0.022	0.06	13.7	10.7	0.20	144	2.37	<0.01
ZZ76670		6.69	40.4	2.47	4.30	<0.05	<0.02	0.06	0.030	0.09	7.5	2.1	0.05	107	4.76	<0.01
ZZ76671		5.99	32.1	1.68	4.20	<0.05	<0.02	0.06	0.023	0.10	7.0	3.4	0.08	116	4.17	<0.01
ZZ76672		4.26	29.4	1.54	4.02	<0.05	0.02	0.87	0.022	0.09	6.7	13.2	0.27	132	2.96	<0.01
ZZ76673		4.94	27.7	1.83	4.31	0.05	0.02	0.79	0.028	0.13	7.0	10.2	0.17	145	3.19	<0.01
ZZ76674		3.15	33.4	1.66	3.13	<0.05	<0.02	0.06	0.023	0.11	5.7	2.1	0.05	98	4.90	<0.01
ZZ76675		2.89	27.6	3.06	1.15	0.05	0.02	2.55	0.034	0.47	3.6	1.7	0.02	60	11.65	0.01
ZZ76676		1.02	16.8	1.45	5.26	<0.05	<0.02	0.05	0.017	0.06	6.1	1.9	0.06	50	16.55	<0.01
ZZ76677		1.22	18.6	0.92	3.63	<0.05	<0.02	0.08	0.016	0.07	6.7	1.4	0.04	35	12.50	<0.01
ZZ76678		1.24	50.5	2.27	3.41	0.06	0.02	0.19	0.027	0.07	13.4	9.5	0.20	330	3.32	<0.01
ZZ76679		0.89	35.1	2.60	2.85	0.06	0.06	0.19	0.030	0.15	8.4	13.3	0.59	235	4.04	<0.01
ZZ76680		0.71	39.8	2.24	2.68	0.06	0.08	0.13	0.031	0.17	7.8	10.5	0.31	261	3.56	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76641		0.76	23.8	640	32.8	9.2	0.001	0.06	0.94	2.4	1.1	0.4	25.9	<0.01	0.04	0.9
ZZ76642		1.19	18.2	150	20.3	7.0	<0.001	0.01	0.38	2.6	0.4	0.6	10.6	<0.01	0.03	2.7
ZZ76643		0.71	12.3	450	16.0	7.7	<0.001	0.04	0.33	2.0	0.5	0.5	19.7	<0.01	0.04	1.0
ZZ76644		0.46	29.0	910	27.0	10.4	0.001	0.07	0.86	3.0	1.8	0.4	33.4	<0.01	0.06	0.9
ZZ76645		0.75	24.0	510	21.1	12.8	0.001	0.04	0.62	2.7	0.8	0.6	17.1	<0.01	0.05	1.2
ZZ76646		0.54	28.5	730	45.4	8.5	<0.001	0.03	0.86	3.8	1.3	0.5	43.4	<0.01	0.03	1.5
ZZ76647		0.36	15.9	550	58.7	6.0	<0.001	0.02	0.79	2.4	0.8	0.3	71.9	<0.01	0.01	0.7
ZZ76648		0.58	35.6	490	188.0	7.5	<0.001	0.02	2.41	4.1	1.5	0.5	61.5	<0.01	0.03	1.8
ZZ76649		0.44	28.0	710	93.9	9.1	<0.001	0.04	2.05	2.7	1.0	0.4	47.7	<0.01	0.02	0.5
ZZ76650		0.79	19.6	750	48.6	7.9	<0.001	0.06	0.99	2.1	1.1	0.5	16.1	<0.01	0.03	0.5
ZZ76651		0.27	37.9	690	96.9	6.8	0.001	0.04	2.75	3.5	2.1	0.4	63.2	<0.01	0.04	1.1
ZZ76652		0.80	24.0	730	114.5	9.2	<0.001	0.07	4.09	2.9	1.6	0.5	23.8	<0.01	0.04	0.7
ZZ76653		0.12	51.6	1040	15.2	6.8	0.016	0.10	1.40	3.7	8.0	0.4	115.5	<0.01	0.09	0.8
ZZ76654		0.10	53.4	830	10.3	6.0	0.027	0.11	0.93	3.3	11.2	0.3	112.0	<0.01	0.07	0.6
ZZ76655		0.32	48.0	580	15.9	13.6	0.001	0.04	1.09	3.1	3.0	0.5	30.9	<0.01	0.10	0.8
ZZ76656		0.61	28.4	520	14.3	13.6	<0.001	0.03	1.07	1.4	1.7	0.8	16.8	<0.01	0.08	0.3
ZZ76657		0.26	34.1	530	11.2	7.2	0.013	0.09	0.76	4.1	6.6	0.4	94.7	<0.01	0.07	0.6
ZZ76658		0.06	52.8	760	21.0	5.9	0.003	0.07	1.40	6.9	5.5	0.4	122.0	<0.01	0.09	1.6
ZZ76659		0.17	89.0	1500	12.3	10.3	0.006	0.07	1.47	6.1	7.3	0.4	86.7	<0.01	0.08	0.7
ZZ76660		0.17	62.3	1250	8.8	7.7	0.012	0.12	0.95	3.6	7.9	0.4	88.5	<0.01	0.08	0.4
ZZ76661		0.18	59.9	770	8.1	7.0	0.003	0.05	1.00	3.8	4.0	0.4	83.9	<0.01	0.07	0.6
ZZ76662		0.18	129.5	1030	9.7	7.0	0.002	0.04	1.40	6.4	8.9	0.5	82.4	<0.01	0.08	1.1
ZZ76663		0.26	99.0	1560	15.7	4.3	0.011	0.18	1.50	2.7	9.4	0.4	95.0	<0.01	0.05	0.2
ZZ76664		0.12	14.0	660	48.6	12.7	0.002	0.31	1.97	2.7	6.0	0.7	248	<0.01	0.17	0.4
ZZ76665		0.24	58.5	1010	14.1	9.7	0.008	0.19	4.32	2.7	12.0	0.4	91.0	<0.01	0.08	1.1
ZZ76666		0.14	119.5	800	13.3	8.4	0.002	0.03	3.59	8.1	9.4	0.4	17.4	<0.01	0.12	5.3
ZZ76667		1.36	25.7	490	14.0	16.6	<0.001	0.07	1.46	3.2	1.9	0.8	16.8	0.01	0.08	3.5
ZZ76668		1.69	8.4	660	15.5	18.6	<0.001	0.45	1.62	1.6	2.6	1.0	53.5	<0.01	0.10	3.2
ZZ76669		2.07	13.5	300	13.2	14.2	<0.001	0.01	0.89	1.8	0.9	0.9	8.1	<0.01	0.06	3.5
ZZ76670		0.57	27.6	490	14.5	11.8	0.001	0.04	1.66	1.7	1.9	1.8	16.3	<0.01	0.10	1.1
ZZ76671		0.43	17.8	470	12.8	14.9	0.001	0.04	1.32	1.4	1.7	1.0	14.2	<0.01	0.08	0.7
ZZ76672		0.45	18.9	860	13.5	19.0	<0.001	0.08	0.75	2.3	3.8	0.6	37.0	<0.01	0.06	0.7
ZZ76673		0.45	14.5	820	16.6	21.3	0.001	0.08	0.83	3.0	2.8	0.6	24.1	<0.01	0.07	1.5
ZZ76674		0.25	21.6	610	12.1	14.7	<0.001	0.09	1.41	1.2	2.2	0.6	28.8	<0.01	0.09	0.5
ZZ76675		0.09	23.0	750	34.4	24.1	0.004	0.88	16.10	1.7	6.9	2.0	175.5	<0.01	0.16	2.5
ZZ76676		0.31	17.2	440	19.6	6.5	<0.001	0.03	2.57	0.7	1.5	1.3	7.3	<0.01	0.10	0.2
ZZ76677		0.20	13.5	600	8.5	5.4	0.003	0.06	1.28	0.2	1.5	1.5	23.6	<0.01	0.08	<0.2
ZZ76678		0.33	60.0	770	13.9	10.4	<0.001	0.04	1.77	3.5	3.0	0.6	53.8	<0.01	0.07	2.0
ZZ76679		0.33	31.9	700	12.7	12.3	0.004	0.11	1.37	3.9	5.0	0.4	74.4	<0.01	0.03	1.2
ZZ76680		0.31	28.9	740	12.9	11.1	0.001	0.07	2.03	4.2	1.9	0.4	49.1	<0.01	0.04	1.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76641		0.013	0.34	3.42	57	0.15	7.55	205	1.2
ZZ76642		0.016	0.21	0.48	65	0.15	2.25	129	1.5
ZZ76643		0.013	0.14	1.75	55	0.15	3.01	48	0.7
ZZ76644		0.007	0.20	2.37	50	0.11	9.51	222	1.4
ZZ76645		0.014	0.15	0.91	58	0.24	3.69	165	0.9
ZZ76646		0.009	0.39	1.47	56	0.15	27.7	162	1.6
ZZ76647		0.008	0.63	1.26	30	0.17	9.80	137	0.8
ZZ76648		0.009	1.41	3.22	52	0.27	13.35	392	1.6
ZZ76649		0.012	0.86	2.46	53	0.26	17.75	333	0.7
ZZ76650		0.021	0.52	3.94	60	0.21	9.81	265	0.6
ZZ76651		0.006	1.17	1.79	47	0.25	15.30	440	1.3
ZZ76652		0.021	0.87	3.45	59	0.26	10.25	409	0.8
ZZ76653		<0.005	0.27	4.06	70	0.11	19.90	177	1.8
ZZ76654		<0.005	0.13	2.24	44	0.05	14.00	233	1.9
ZZ76655		0.005	0.23	0.83	77	0.10	6.99	163	<0.5
ZZ76656		0.019	0.21	0.87	90	0.16	5.14	140	<0.5
ZZ76657		<0.005	0.20	3.45	45	0.08	16.85	94	1.4
ZZ76658		<0.005	0.44	2.97	47	0.16	22.3	158	3.4
ZZ76659		<0.005	0.21	4.45	61	0.06	38.5	319	1.4
ZZ76660		<0.005	0.11	3.23	51	0.11	19.70	171	1.3
ZZ76661		<0.005	0.09	1.68	62	0.07	10.65	249	0.9
ZZ76662		<0.005	0.15	2.86	61	0.05	32.1	398	1.1
ZZ76663		<0.005	0.53	4.89	32	0.09	21.2	202	0.6
ZZ76664		<0.005	0.49	3.42	46	0.09	8.73	68	<0.5
ZZ76665		0.006	1.14	1.89	51	0.05	6.70	156	0.8
ZZ76666		<0.005	0.68	7.63	123	<0.05	29.3	594	9.0
ZZ76667		0.020	0.31	0.96	110	0.16	3.44	218	2.5
ZZ76668		0.059	0.48	0.58	90	0.21	2.03	39	0.6
ZZ76669		0.055	0.18	0.53	79	0.26	2.17	67	1.3
ZZ76670		0.012	0.34	0.55	79	0.15	3.10	146	<0.5
ZZ76671		0.008	0.44	0.48	67	0.11	2.19	100	<0.5
ZZ76672		0.006	0.78	1.41	66	0.13	8.90	73	<0.5
ZZ76673		0.005	0.69	1.39	70	0.11	8.26	67	0.5
ZZ76674		0.005	0.38	0.64	61	0.08	3.42	136	<0.5
ZZ76675		<0.005	2.83	1.05	38	0.05	4.84	99	0.9
ZZ76676		0.006	0.54	0.80	188	0.22	1.60	70	<0.5
ZZ76677		<0.005	0.76	1.56	111	0.16	3.69	62	<0.5
ZZ76678		0.006	0.21	1.61	79	0.15	18.80	174	0.8
ZZ76679		0.005	0.19	2.01	26	<0.05	11.90	272	2.3
ZZ76680		<0.005	0.19	1.23	34	<0.05	11.25	211	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76681		0.11	0.004	0.23	0.58	6.0	<0.2	10	230	0.56	0.10	3.30	0.84	9.36	6.4	8
ZZ76682		0.16	0.002	0.21	0.94	30.8	<0.2	<10	280	0.79	0.20	1.67	0.73	16.90	11.8	18
ZZ76683		0.15	0.003	0.19	0.87	30.1	<0.2	<10	370	0.66	0.18	2.45	0.83	15.95	11.8	18
ZZ76684		0.19	0.002	0.26	1.08	35.4	<0.2	<10	610	0.78	0.18	1.27	0.77	18.15	9.4	19
ZZ76685		0.13	0.003	0.34	1.18	87.7	<0.2	<10	360	0.91	0.19	2.52	1.95	19.10	10.4	20
ZZ76686		0.11	0.004	0.41	1.38	131.0	<0.2	<10	420	1.08	0.20	1.88	0.80	16.65	10.8	21
ZZ76687		0.13	0.003	0.43	1.62	57.9	<0.2	<10	370	1.17	0.22	1.56	0.53	22.6	9.7	25
ZZ76688		0.24	0.007	0.24	2.34	239	<0.2	<10	210	2.13	0.33	2.69	1.03	38.8	15.2	39
ZZ76689		0.14	0.002	0.20	2.10	165.5	<0.2	<10	180	1.45	0.25	2.45	2.79	31.2	10.7	30
ZZ76690		0.23	0.001	0.40	1.09	82	<0.2	<10	100	1.14	0.11	13.10	1.25	13.05	5.8	13
ZZ76691		0.27	0.005	1.16	1.11	231	<0.2	<10	130	1.96	0.15	8.10	1.46	22.9	7.7	22
ZZ76692		0.21	0.001	0.50	1.75	196.5	<0.2	<10	140	2.00	0.22	6.28	4.09	25.2	10.5	25
ZZ76693		0.32	0.002	0.68	0.64	275	<0.2	<10	230	0.26	0.29	0.03	0.22	12.05	3.3	16
ZZ76694		0.28	0.005	7.71	1.41	240	<0.2	<10	3200	1.71	0.21	0.89	10.10	9.66	9.8	150
ZZ76695		0.24	0.005	0.82	0.36	65.9	<0.2	10	660	0.31	0.17	0.08	0.45	2.47	0.8	10
ZZ76696		0.11	0.004	0.35	0.72	27.9	<0.2	10	880	0.43	0.15	0.47	1.22	5.42	3.5	27
ZZ76697		0.19	0.005	1.85	0.53	20.1	<0.2	10	1190	0.56	0.10	2.57	2.54	5.37	7.4	18
ZZ76698		0.30	0.001	0.82	0.62	26.0	<0.2	<10	270	0.17	0.18	0.03	0.81	7.91	2.5	22
ZZ76699		0.07	0.004	0.88	0.19	2.8	<0.2	<10	550	0.15	0.03	2.63	9.41	1.54	2.6	3
ZZ76700		0.18	0.001	0.09	0.55	33.3	<0.2	10	170	0.39	0.22	0.04	1.47	7.30	7.3	24
ZZ76701		0.09	0.009	5.44	0.93	77.7	<0.2	10	2160	0.78	0.18	2.32	16.60	9.14	5.4	40
ZZ76702		0.09	0.005	0.98	0.51	13.0	<0.2	10	1570	0.44	0.08	3.65	1.82	4.28	4.3	14
ZZ76703		0.18	0.008	3.71	1.40	42.7	<0.2	<10	3000	0.96	0.22	1.48	2.52	13.45	9.4	66
ZZ76704		0.12	0.015	2.96	1.04	38.9	<0.2	10	1370	0.86	0.20	0.20	2.01	12.10	2.0	19
ZZ76705		0.30	0.004	2.37	0.58	58.3	<0.2	<10	1290	0.30	0.23	0.06	0.66	9.06	2.7	20
ZZ76706		0.31	0.009	1.18	1.68	68.5	<0.2	<10	1030	1.26	0.20	0.04	1.44	18.35	9.8	33
ZZ76707		0.25	0.003	0.89	1.53	17.9	<0.2	<10	290	0.47	0.32	0.04	0.33	16.30	3.4	20
ZZ76708		0.30	0.004	0.57	1.23	19.9	<0.2	<10	220	0.45	0.34	0.04	0.65	17.50	8.9	21
ZZ76709		0.35	0.004	0.89	0.67	16.0	<0.2	<10	250	0.26	0.30	0.02	0.23	12.80	5.2	13
ZZ76710		0.36	0.004	0.33	0.72	29.0	<0.2	<10	210	0.27	0.28	0.01	0.22	9.18	5.0	14
ZZ76711		0.31	0.004	0.41	1.50	29.4	<0.2	<10	160	0.45	0.29	0.04	0.23	17.50	6.8	23
ZZ76712		0.27	0.015	0.77	1.80	310	<0.2	<10	450	1.05	0.28	0.15	0.47	34.6	12.7	30
ZZ76713		0.26	0.006	0.62	1.15	29.5	<0.2	<10	900	0.90	0.20	0.08	2.35	44.0	6.1	14
ZZ76714		0.17	0.006	0.77	1.21	20.0	<0.2	<10	610	0.71	0.23	0.39	0.44	15.00	11.6	19
ZZ76715		0.07	0.005	0.85	1.48	19.6	<0.2	<10	770	0.82	0.23	0.98	0.92	14.25	11.9	21
ZZ76716		0.17	0.005	1.64	0.94	32.9	<0.2	<10	320	1.03	0.19	1.73	16.85	15.60	7.7	54
ZZ76717		0.12	0.002	0.26	0.42	5.7	<0.2	10	160	0.30	0.07	3.22	8.01	5.55	3.1	9
ZZ76718		0.10	0.002	0.07	0.35	3.8	<0.2	10	170	0.46	0.05	3.86	0.73	11.25	3.2	4
ZZ76719		0.06	0.003	0.07	0.48	7.7	<0.2	10	400	0.29	0.09	4.07	0.33	5.38	4.0	6
ZZ76720		0.16	0.003	0.29	1.41	30.4	<0.2	<10	240	0.83	0.29	1.02	0.53	14.75	13.7	23

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76681		0.53	21.9	1.29	1.65	<0.05	0.05	0.11	0.018	0.11	4.0	5.9	0.31	281	2.47	<0.01
ZZ76682		0.59	38.1	3.04	3.05	0.05	0.05	0.38	0.031	0.06	8.0	15.8	0.80	509	1.97	<0.01
ZZ76683		0.72	37.3	3.03	2.81	0.05	0.08	0.23	0.028	0.06	7.5	15.5	1.01	600	1.87	<0.01
ZZ76684		0.45	30.7	2.54	3.21	0.05	0.04	0.29	0.027	0.05	8.5	12.6	0.33	467	1.48	<0.01
ZZ76685		0.59	25.8	2.45	3.37	<0.05	0.03	0.38	0.027	0.05	9.8	11.8	0.65	617	1.43	<0.01
ZZ76686		1.14	40.1	2.68	3.99	0.05	0.06	0.77	0.028	0.07	8.4	13.7	0.49	462	1.44	0.01
ZZ76687		0.85	20.1	3.20	4.12	0.05	0.04	0.29	0.035	0.05	12.1	14.2	0.54	357	1.33	0.01
ZZ76688		1.65	26.3	4.27	5.96	0.08	0.10	0.70	0.049	0.10	18.6	19.1	1.87	634	2.09	0.01
ZZ76689		1.65	11.6	3.18	5.53	0.06	0.04	0.37	0.034	0.07	13.7	12.5	1.46	970	1.27	0.01
ZZ76690		0.74	12.2	1.54	2.38	<0.05	0.03	0.26	0.019	0.05	6.4	6.8	7.19	419	0.87	0.01
ZZ76691		0.71	13.9	2.35	2.62	0.06	0.06	2.16	0.022	0.05	11.9	9.0	4.35	554	1.77	0.01
ZZ76692		1.01	11.7	2.76	4.34	0.05	0.03	0.63	0.030	0.04	11.6	8.5	3.10	1620	1.38	0.01
ZZ76693		2.74	22.1	2.09	4.24	<0.05	<0.02	0.15	0.024	0.11	5.9	1.5	0.05	56	5.83	<0.01
ZZ76694		3.32	189.5	3.94	3.05	0.12	0.03	0.75	0.046	0.06	8.5	2.4	0.04	181	80.0	<0.01
ZZ76695		1.11	13.1	0.72	1.28	<0.05	0.05	0.33	0.020	0.09	1.3	1.8	0.02	25	3.82	<0.01
ZZ76696		1.34	38.6	2.12	2.16	0.05	0.03	0.20	0.024	0.05	2.9	3.5	0.09	78	5.81	<0.01
ZZ76697		1.45	45.4	1.48	1.19	0.08	0.07	0.39	0.020	0.04	2.8	3.7	0.09	470	2.73	<0.01
ZZ76698		3.01	22.9	1.55	4.36	<0.05	<0.02	0.05	0.017	0.07	3.6	1.2	0.03	30	5.92	<0.01
ZZ76699		0.27	18.3	0.38	0.40	0.14	0.03	0.15	0.005	0.02	0.8	0.3	0.05	231	5.58	<0.01
ZZ76700		2.39	44.6	3.38	3.39	<0.05	<0.02	0.05	0.027	0.06	3.4	1.1	0.03	64	6.99	<0.01
ZZ76701		1.71	86.5	1.66	2.49	0.08	0.06	0.89	0.031	0.07	7.6	7.1	0.15	307	5.02	<0.01
ZZ76702		0.82	37.1	1.07	1.34	0.06	0.05	0.36	0.013	0.04	2.7	3.6	0.11	298	2.37	<0.01
ZZ76703		1.60	44.6	2.69	4.62	0.06	0.06	0.31	0.029	0.07	9.0	11.8	0.23	326	7.48	<0.01
ZZ76704		2.81	135.0	2.33	2.92	0.09	<0.02	0.71	0.034	0.13	6.7	2.8	0.06	22	10.10	0.01
ZZ76705		1.59	42.5	2.30	3.63	<0.05	<0.02	0.11	0.032	0.13	4.0	1.0	0.03	57	7.42	0.01
ZZ76706		2.36	104.5	4.83	3.73	0.05	0.02	0.28	0.032	0.08	8.1	10.7	0.17	549	4.70	<0.01
ZZ76707		1.70	22.4	3.27	5.78	0.05	0.02	0.12	0.027	0.15	8.1	7.4	0.16	138	3.59	0.03
ZZ76708		2.23	38.0	3.14	4.82	<0.05	<0.02	0.07	0.032	0.13	8.6	9.4	0.24	347	3.17	0.01
ZZ76709		2.72	40.8	2.29	3.54	<0.05	<0.02	0.08	0.032	0.16	5.0	3.0	0.07	172	3.04	0.01
ZZ76710		2.82	40.9	2.31	3.50	<0.05	<0.02	0.07	0.030	0.13	3.7	3.9	0.09	118	3.03	<0.01
ZZ76711		2.63	29.7	3.45	5.89	<0.05	0.04	0.06	0.032	0.08	8.3	13.5	0.21	216	2.71	0.01
ZZ76712		5.04	109.0	3.17	4.70	0.08	0.04	0.66	0.041	0.12	16.1	17.2	0.45	428	2.85	0.01
ZZ76713		4.44	84.7	2.22	3.49	0.15	0.03	0.23	0.037	0.12	16.1	5.4	0.12	168	3.34	0.01
ZZ76714		1.68	46.4	3.07	3.61	0.05	0.05	0.26	0.032	0.11	6.3	13.2	0.29	624	4.85	<0.01
ZZ76715		1.28	45.4	2.72	4.01	<0.05	0.06	0.24	0.032	0.12	5.6	13.4	0.34	1000	3.58	0.01
ZZ76716		0.85	72.5	2.36	3.20	0.07	0.05	0.40	0.028	0.07	11.3	9.5	0.37	246	14.35	<0.01
ZZ76717		0.51	18.0	0.82	1.18	<0.05	0.04	0.14	0.011	0.04	3.2	2.9	0.21	207	2.33	<0.01
ZZ76718		0.49	10.3	1.11	1.03	<0.05	0.03	0.10	0.018	0.06	5.1	1.7	0.12	242	0.76	<0.01
ZZ76719		0.45	10.9	1.05	1.46	<0.05	0.04	0.11	0.012	0.05	2.3	3.9	0.16	289	0.69	0.01
ZZ76720		1.24	56.6	3.81	4.54	<0.05	0.07	0.16	0.030	0.11	6.4	19.9	0.45	616	1.15	0.01

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Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76681		0.21	18.9	820	6.1	7.9	0.001	0.16	1.15	1.5	1.3	0.3	110.5	<0.01	0.02	0.5
ZZ76682		0.65	39.6	680	17.1	5.4	<0.001	0.02	0.72	4.5	1.2	0.4	31.9	<0.01	0.04	3.2
ZZ76683		0.90	37.2	720	16.1	5.3	<0.001	0.02	0.75	4.2	1.2	0.3	39.8	<0.01	0.04	3.3
ZZ76684		0.56	29.5	690	15.8	5.8	<0.001	0.05	0.74	2.5	1.4	0.4	26.0	<0.01	0.04	0.8
ZZ76685		0.60	28.7	850	21.3	7.2	<0.001	0.07	0.98	2.0	1.5	0.4	29.1	<0.01	0.03	0.6
ZZ76686		0.55	32.9	900	38.6	9.8	<0.001	0.06	0.98	3.2	1.6	0.4	29.9	<0.01	0.05	1.0
ZZ76687		0.73	26.4	770	25.8	7.6	<0.001	0.04	0.76	3.4	1.3	0.4	23.3	<0.01	0.03	1.3
ZZ76688		0.78	44.9	310	42.1	15.4	<0.001	0.02	1.12	8.9	1.5	0.6	21.8	<0.01	0.07	5.2
ZZ76689		0.86	27.1	540	46.5	18.3	<0.001	0.03	0.92	3.9	0.9	0.6	20.3	<0.01	0.04	1.6
ZZ76690		0.25	17.6	890	24.6	6.5	<0.001	0.04	0.73	1.2	0.8	0.4	58.2	<0.01	0.02	0.4
ZZ76691		0.44	30.9	760	103.0	7.2	<0.001	0.05	1.61	2.8	1.4	0.4	45.9	<0.01	0.02	1.2
ZZ76692		0.52	21.9	810	84.3	9.3	<0.001	0.05	1.37	2.2	1.1	0.5	33.3	<0.01	0.03	0.5
ZZ76693		0.50	20.1	540	21.5	14.2	<0.001	0.12	1.82	1.3	2.0	0.6	43.3	<0.01	0.06	2.1
ZZ76694		0.23	293	4870	14.5	9.2	0.013	0.09	16.15	6.0	21.2	0.5	169.5	<0.01	0.21	1.1
ZZ76695		0.07	5.9	280	11.2	5.8	0.003	0.15	0.44	1.4	2.4	0.3	112.5	<0.01	0.04	0.4
ZZ76696		0.15	38.6	680	10.1	6.0	0.010	0.05	1.04	3.2	11.5	0.4	53.7	<0.01	0.08	0.9
ZZ76697		0.13	84.1	1170	6.9	6.3	0.041	0.16	1.32	2.7	19.5	0.3	157.0	<0.01	0.05	0.3
ZZ76698		0.19	29.5	640	11.1	9.0	<0.001	0.04	0.82	1.4	3.7	0.9	30.7	<0.01	0.07	0.3
ZZ76699		0.07	47.5	990	1.6	1.3	0.012	0.21	2.07	0.4	53.0	<0.2	98.5	<0.01	<0.01	<0.2
ZZ76700		0.18	98.5	1030	10.5	10.7	<0.001	0.02	1.38	1.4	5.3	0.7	12.5	<0.01	0.10	<0.2
ZZ76701		0.21	121.5	2190	15.0	10.5	0.036	0.17	3.73	2.8	11.9	0.5	179.5	<0.01	0.10	0.6
ZZ76702		0.13	44.0	1660	5.0	3.2	0.021	0.22	2.48	0.9	12.0	0.2	156.0	<0.01	0.03	0.3
ZZ76703		0.43	75.5	1550	13.1	11.1	0.009	0.10	3.00	3.2	6.8	0.5	109.0	<0.01	0.08	0.8
ZZ76704		0.24	41.7	2490	20.1	12.8	0.033	0.35	2.93	0.3	14.7	0.5	81.1	<0.01	0.08	<0.2
ZZ76705		0.33	23.6	1050	21.9	11.1	<0.001	0.22	2.57	0.3	2.9	1.1	53.0	<0.01	0.10	<0.2
ZZ76706		0.69	90.5	940	15.0	11.8	<0.001	0.13	3.13	3.2	3.5	0.6	34.2	<0.01	0.08	1.5
ZZ76707		1.38	11.3	510	17.6	16.5	<0.001	0.30	1.46	2.0	2.4	0.8	25.0	<0.01	0.07	2.7
ZZ76708		0.71	19.8	660	21.7	20.2	<0.001	0.10	1.57	1.4	1.9	0.6	25.5	<0.01	0.06	0.4
ZZ76709		0.29	20.3	900	16.0	17.1	<0.001	0.17	1.70	0.7	1.9	0.7	31.6	<0.01	0.10	0.2
ZZ76710		0.36	22.9	480	16.9	14.4	<0.001	0.07	1.70	1.9	1.7	0.8	19.9	<0.01	0.10	1.9
ZZ76711		0.96	19.9	440	18.8	15.3	<0.001	0.04	1.34	2.6	1.3	0.7	14.6	<0.01	0.08	2.8
ZZ76712		0.75	36.7	800	29.5	18.4	<0.001	0.09	1.85	5.1	2.7	0.6	31.6	<0.01	0.05	4.9
ZZ76713		0.20	28.3	1520	22.9	16.7	0.001	0.12	1.64	2.5	4.2	0.5	31.8	<0.01	0.08	0.7
ZZ76714		0.24	28.6	960	15.8	13.1	0.002	0.05	1.89	4.3	4.6	0.5	32.6	<0.01	0.07	2.3
ZZ76715		0.26	26.7	1240	14.4	13.6	0.003	0.12	1.75	4.1	4.3	0.5	52.3	<0.01	0.07	1.2
ZZ76716		0.26	148.0	990	12.9	7.3	0.004	0.10	8.29	3.3	8.8	0.5	50.4	<0.01	0.11	0.7
ZZ76717		0.17	84.5	1070	4.5	4.0	0.002	0.20	1.09	0.7	2.8	0.3	81.7	<0.01	0.01	0.2
ZZ76718		0.23	8.1	1090	4.1	3.8	0.001	0.19	0.29	0.7	0.9	0.2	66.2	<0.01	0.01	0.3
ZZ76719		0.30	7.5	820	5.9	3.3	<0.001	0.16	0.33	0.7	1.0	0.2	69.1	<0.01	0.01	0.3
ZZ76720		0.40	24.9	440	21.8	11.8	0.001	0.03	0.63	4.2	1.2	0.5	21.6	<0.01	0.06	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76681		<0.005	0.12	3.91	17	<0.05	6.39	102	1.7
ZZ76682		0.009	0.13	0.83	39	0.05	11.05	133	2.0
ZZ76683		0.014	0.13	0.93	36	0.05	10.35	138	3.0
ZZ76684		0.008	0.12	1.55	46	0.08	11.10	115	1.0
ZZ76685		0.011	0.15	2.08	45	0.15	10.60	146	1.0
ZZ76686		0.007	0.47	3.74	46	0.14	10.60	145	1.8
ZZ76687		0.009	0.19	2.26	58	0.20	12.20	116	1.2
ZZ76688		0.010	0.73	1.25	76	0.23	15.00	249	3.1
ZZ76689		0.023	0.50	1.13	69	0.24	9.06	322	1.2
ZZ76690		0.009	0.27	1.31	32	0.15	6.41	205	1.0
ZZ76691		0.014	0.72	1.43	38	0.32	11.80	345	1.5
ZZ76692		0.019	0.42	1.14	67	0.19	14.25	728	0.7
ZZ76693		0.011	0.93	0.53	102	0.21	2.31	102	0.5
ZZ76694		0.007	1.86	18.60	507	0.73	34.9	1220	1.0
ZZ76695		<0.005	0.48	1.09	21	0.09	3.48	33	1.4
ZZ76696		<0.005	0.20	2.37	69	0.07	11.50	158	1.0
ZZ76697		<0.005	0.21	3.61	40	0.07	23.0	255	2.1
ZZ76698		0.005	0.28	0.65	67	0.10	2.23	112	<0.5
ZZ76699		<0.005	0.08	1.77	17	<0.05	3.44	171	1.2
ZZ76700		<0.005	0.22	0.93	84	0.08	6.96	448	<0.5
ZZ76701		<0.005	0.76	7.65	99	0.09	33.8	574	2.2
ZZ76702		<0.005	0.19	3.36	38	<0.05	8.84	104	1.5
ZZ76703		0.007	0.47	7.24	167	0.14	16.20	239	1.6
ZZ76704		<0.005	2.42	7.17	80	0.07	29.8	89	<0.5
ZZ76705		0.006	0.26	1.24	99	0.13	2.98	123	<0.5
ZZ76706		0.017	0.49	2.36	176	0.14	16.00	431	0.6
ZZ76707		0.027	0.37	0.65	72	0.23	2.21	75	0.8
ZZ76708		0.024	0.39	0.69	61	0.18	2.99	129	<0.5
ZZ76709		0.009	0.29	0.52	57	0.11	2.76	137	<0.5
ZZ76710		0.007	0.26	0.53	58	0.07	3.25	149	<0.5
ZZ76711		0.017	0.30	0.53	79	0.15	2.74	98	1.5
ZZ76712		0.019	0.78	2.01	65	0.18	14.70	115	1.3
ZZ76713		<0.005	0.79	2.73	52	0.16	47.3	141	<0.5
ZZ76714		<0.005	0.38	1.74	74	0.05	8.46	138	1.3
ZZ76715		<0.005	0.39	2.13	82	0.06	10.50	130	1.5
ZZ76716		0.005	0.60	5.17	515	0.12	22.9	1140	1.7
ZZ76717		0.005	0.19	4.63	107	<0.05	5.02	518	1.2
ZZ76718		<0.005	0.09	0.76	9	<0.05	3.95	65	1.3
ZZ76719		0.007	0.07	0.34	12	0.05	2.20	44	1.6
ZZ76720		0.006	0.26	1.01	44	0.10	5.91	110	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76721		0.13	0.002	0.64	0.75	19.7	<0.2	10	140	0.84	0.16	1.66	2.25	19.80	8.6	11
ZZ76722		0.16	0.003	0.18	1.08	13.9	<0.2	10	250	0.87	0.19	2.05	0.49	13.40	9.9	16
ZZ76723		0.21	0.003	0.09	0.93	4.5	<0.2	10	410	1.03	0.13	3.22	0.17	20.0	7.3	14
ZZ76724		0.26	0.001	0.09	1.38	13.3	<0.2	<10	230	0.52	0.32	0.17	0.14	14.45	10.5	21
ZZ76725		0.15	0.001	0.06	1.06	35.4	<0.2	<10	150	0.68	0.29	0.10	0.27	18.20	7.8	20
ZZ76726		0.15	0.003	0.20	0.91	9.1	<0.2	10	250	1.01	0.15	2.31	0.84	16.00	10.2	13
ZZ76727		0.32	0.002	0.19	0.51	10.6	<0.2	10	140	0.89	0.19	1.10	1.71	14.45	16.1	7
ZZ76728		0.30	0.001	0.06	1.08	12.2	<0.2	<10	200	1.29	0.18	4.47	0.19	22.0	12.5	17
ZZ76729		0.20	0.005	0.24	1.33	13.7	<0.2	<10	390	0.90	0.18	1.94	0.24	15.70	9.7	19
ZZ76730		0.20	0.002	0.06	1.94	44.7	<0.2	<10	180	1.04	0.29	0.14	0.14	21.1	16.3	29
ZZ76731		0.19	0.001	0.03	1.55	23.1	<0.2	<10	90	0.66	0.30	0.11	0.17	21.7	10.3	24
ZZ76732		0.15	0.002	0.09	0.80	14.4	<0.2	<10	190	0.89	0.27	0.76	0.15	14.55	12.1	14
ZZ76733		0.21	0.003	0.14	1.54	25.9	<0.2	<10	240	0.99	0.27	0.70	0.19	24.0	14.2	27
ZZ76734		0.17	0.003	0.17	1.29	17.5	<0.2	<10	310	1.18	0.23	1.55	0.27	17.50	10.3	21
ZZ76735		0.13	0.002	0.20	1.64	14.1	<0.2	<10	280	1.34	0.29	0.99	0.23	12.40	14.8	27
ZZ76736		0.12	0.003	0.15	1.36	15.1	<0.2	<10	430	0.94	0.26	1.04	0.51	17.70	10.7	23
ZZ76737		0.20	0.004	0.05	1.69	30.4	<0.2	<10	430	1.57	0.33	0.41	0.18	25.2	16.5	28
ZZ76738		0.16	0.003	0.27	1.15	12.8	<0.2	<10	900	0.83	0.18	2.02	0.48	12.65	7.4	17
ZZ76739		0.29	0.001	0.07	1.29	16.2	<0.2	<10	120	0.72	0.28	0.07	0.15	14.95	9.9	20
ZZ76740		0.24	0.001	0.06	1.48	28.8	<0.2	<10	150	0.75	0.28	0.13	0.21	27.2	14.6	24
ZZ76741		0.29	0.002	0.14	1.65	36.0	<0.2	<10	210	0.80	0.30	0.09	0.19	20.6	14.7	26
ZZ76742		0.22	0.003	0.26	1.49	16.1	<0.2	<10	410	1.23	0.21	1.86	0.56	23.8	14.5	21
ZZ76743		0.21	0.002	0.03	0.80	4	<0.2	<10	230	1.27	0.13	13.55	0.10	27.2	10.5	11
ZZ76744		0.22	0.003	0.07	0.91	6.9	<0.2	10	400	1.04	0.12	3.71	0.32	15.70	6.6	13
ZZ76745		0.19	0.004	0.16	0.95	10.9	<0.2	10	370	0.84	0.14	2.81	0.81	12.90	7.8	14
ZZ76746		0.25	0.003	0.11	1.82	24.1	<0.2	<10	170	1.27	0.33	0.22	0.26	33.0	21.9	27
ZZ76747		0.16	0.004	0.06	1.35	11.8	<0.2	<10	310	0.95	0.18	2.24	0.61	17.75	10.3	17
ZZ76748		0.13	0.003	0.08	1.03	6.8	<0.2	10	580	1.24	0.14	2.50	0.27	21.6	10.0	16
ZZ76749		0.19	0.003	0.09	1.19	15.4	<0.2	<10	430	1.15	0.19	2.44	0.22	22.7	11.6	19
ZZ76750		0.14	0.003	0.55	0.82	6.6	<0.2	<10	330	0.50	0.11	3.26	1.10	9.68	6.6	10
ZZ76751		0.18	0.002	0.06	1.48	37.7	<0.2	<10	150	0.56	0.28	0.08	0.16	20.7	10.2	23
ZZ76752		0.20	0.001	0.02	1.27	22.8	<0.2	<10	90	0.50	0.29	0.05	0.20	20.8	10.3	21
ZZ76753		0.18	0.002	0.19	2.28	18.0	<0.2	<10	1680	5.24	0.33	0.65	0.07	45.9	14.0	28
ZZ76754		0.22	0.002	0.04	1.80	34.3	<0.2	<10	160	0.83	0.31	0.12	0.16	28.9	12.6	27
ZZ76755		0.21	0.002	0.16	1.38	26.7	<0.2	<10	270	0.88	0.26	0.23	0.16	23.6	7.0	21
ZZ76756		0.20	0.003	0.09	1.63	18.3	<0.2	<10	320	0.86	0.28	0.34	0.15	28.5	11.8	28
ZZ76757		0.21	0.001	0.03	0.90	72.5	<0.2	<10	130	0.70	0.33	0.37	0.50	19.90	11.9	14
ZZ76758		0.17	0.010	0.22	1.48	8.2	<0.2	<10	1140	1.84	0.26	1.61	0.20	13.95	11.7	19
ZZ76759		0.26	0.005	0.07	1.78	30.4	<0.2	<10	180	1.18	0.29	0.14	0.16	41.0	17.9	30
ZZ76760		0.28	0.001	0.04	1.70	15.6	<0.2	<10	200	0.64	0.27	0.22	0.10	19.45	13.3	26

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76721		0.68	44.6	2.49	2.29	0.06	0.10	0.15	0.030	0.11	9.1	8.5	0.38	296	4.20	0.01
ZZ76722		0.84	26.3	2.55	3.08	<0.05	0.05	0.42	0.029	0.11	5.0	14.3	0.40	468	1.37	0.01
ZZ76723		0.63	21.3	2.08	2.35	0.05	0.05	0.08	0.031	0.09	10.0	8.9	0.40	270	0.79	<0.01
ZZ76724		2.02	14.9	3.39	5.88	<0.05	<0.02	0.02	0.027	0.08	7.1	19.2	0.29	922	0.93	<0.01
ZZ76725		1.13	42.5	3.15	5.94	<0.05	<0.02	0.05	0.028	0.08	9.0	9.5	0.19	605	1.20	<0.01
ZZ76726		0.77	25.3	2.64	2.50	0.05	0.06	0.09	0.030	0.15	6.8	10.3	0.52	248	3.11	<0.01
ZZ76727		1.24	34.2	2.70	1.55	<0.05	0.10	0.06	0.037	0.18	5.9	4.8	0.37	209	10.25	<0.01
ZZ76728		0.70	23.2	3.37	2.84	0.05	0.07	0.11	0.039	0.14	9.8	13.7	0.54	344	0.96	<0.01
ZZ76729		1.28	46.4	2.63	3.39	<0.05	0.05	0.18	0.029	0.06	8.5	13.8	0.43	417	0.84	<0.01
ZZ76730		1.54	45.0	4.47	5.68	<0.05	0.03	0.26	0.040	0.08	8.5	32.1	0.56	720	0.75	<0.01
ZZ76731		1.87	21.2	3.80	5.56	<0.05	0.02	0.04	0.032	0.07	9.7	26.0	0.36	383	0.71	<0.01
ZZ76732		1.02	20.9	2.78	2.72	<0.05	0.04	0.05	0.032	0.09	5.7	11.5	0.23	708	0.64	<0.01
ZZ76733		1.07	29.7	3.49	4.77	<0.05	0.05	0.19	0.033	0.08	10.7	25.9	0.60	535	0.75	<0.01
ZZ76734		1.48	65.0	2.56	4.12	<0.05	0.04	0.11	0.026	0.07	9.0	12.6	0.38	604	0.82	<0.01
ZZ76735		2.29	44.6	3.27	5.83	<0.05	0.06	0.10	0.037	0.11	6.3	21.3	0.49	660	0.67	<0.01
ZZ76736		1.75	26.4	2.69	4.85	<0.05	0.05	0.09	0.030	0.09	8.7	16.9	0.41	583	0.87	<0.01
ZZ76737		3.03	50.7	3.82	5.46	<0.05	0.05	0.08	0.039	0.09	11.1	23.0	0.50	964	0.99	<0.01
ZZ76738		1.23	40.3	2.06	3.30	<0.05	0.05	0.21	0.025	0.06	6.3	8.6	0.34	463	0.87	<0.01
ZZ76739		2.39	17.9	2.69	5.00	<0.05	0.04	0.04	0.026	0.09	6.8	14.2	0.25	700	0.76	<0.01
ZZ76740		1.49	26.5	3.73	4.99	<0.05	0.03	0.06	0.034	0.07	10.9	19.7	0.38	861	0.99	<0.01
ZZ76741		1.59	29.7	4.49	5.78	<0.05	<0.02	0.12	0.042	0.08	9.1	27.9	0.39	1020	1.22	<0.01
ZZ76742		1.05	37.1	3.15	4.11	0.05	0.06	0.14	0.037	0.08	11.8	16.0	0.37	1360	1.01	<0.01
ZZ76743		0.91	14.9	2.71	1.93	0.05	0.06	0.03	0.036	0.15	11.6	9.1	1.09	341	0.67	0.01
ZZ76744		0.50	19.1	2.01	2.23	<0.05	0.04	0.10	0.026	0.10	8.0	9.0	0.27	274	0.75	<0.01
ZZ76745		0.80	21.6	2.17	2.51	<0.05	0.05	0.15	0.027	0.11	6.3	11.9	0.40	418	1.20	<0.01
ZZ76746		1.67	70.8	4.48	5.18	0.06	0.08	0.26	0.038	0.10	15.5	35.9	0.72	838	0.88	<0.01
ZZ76747		0.88	20.7	2.43	3.76	<0.05	0.06	0.09	0.028	0.10	7.4	11.8	0.31	329	1.22	<0.01
ZZ76748		0.69	20.5	2.67	2.58	0.05	0.05	0.09	0.034	0.16	10.1	10.4	0.30	315	0.95	<0.01
ZZ76749		0.63	23.9	3.21	3.24	<0.05	0.06	0.13	0.039	0.12	9.1	15.7	0.34	448	0.79	<0.01
ZZ76750		0.89	25.7	1.46	2.19	<0.05	0.04	0.16	0.017	0.04	4.2	6.8	0.27	1050	0.51	<0.01
ZZ76751		1.65	24.8	4.33	6.28	<0.05	0.02	0.06	0.036	0.07	8.6	18.1	0.27	571	1.16	<0.01
ZZ76752		1.74	20.4	3.16	6.00	<0.05	<0.02	0.03	0.029	0.08	9.9	17.2	0.25	544	1.17	<0.01
ZZ76753		6.98	202	3.54	5.92	0.18	0.09	0.15	0.044	0.14	27.7	22.0	0.36	1120	1.38	<0.01
ZZ76754		2.11	21.5	3.80	5.74	<0.05	0.04	0.05	0.042	0.07	10.6	25.4	0.44	530	0.83	<0.01
ZZ76755		1.65	24.0	2.59	5.38	<0.05	<0.02	0.08	0.030	0.07	10.5	15.3	0.28	302	1.06	<0.01
ZZ76756		1.77	23.4	3.36	5.59	<0.05	0.02	0.06	0.035	0.06	11.7	22.9	0.44	730	1.10	<0.01
ZZ76757		3.28	19.6	3.97	3.17	<0.05	0.02	0.30	0.034	0.10	7.7	8.7	0.21	977	0.70	<0.01
ZZ76758		1.97	75.7	2.47	3.94	0.05	0.08	0.14	0.026	0.10	8.6	16.6	0.44	1040	0.74	<0.01
ZZ76759		1.63	44.2	3.81	4.91	0.06	0.07	0.10	0.040	0.07	17.2	22.2	0.57	744	1.35	<0.01
ZZ76760		2.08	41.7	3.83	6.53	<0.05	<0.02	0.03	0.040	0.06	8.8	26.3	0.53	419	1.07	<0.01

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76721		0.23	25.8	1110	12.9	8.8	0.007	0.12	2.66	2.9	4.3	0.4	57.7	<0.01	0.05	1.2
ZZ76722		0.33	21.4	810	13.1	10.8	<0.001	0.10	0.82	2.7	1.7	0.4	83.7	<0.01	0.04	0.7
ZZ76723		0.31	23.2	1090	9.9	8.7	<0.001	0.21	0.29	1.5	1.8	0.4	121.0	<0.01	0.02	0.3
ZZ76724		0.79	13.8	440	13.7	17.3	<0.001	0.03	0.27	1.9	0.3	0.8	11.4	<0.01	0.05	0.9
ZZ76725		0.52	14.1	500	13.4	15.2	<0.001	0.03	0.32	1.2	0.4	0.7	12.6	<0.01	0.07	0.2
ZZ76726		0.31	29.1	600	11.8	9.7	0.004	0.11	1.32	3.5	1.5	0.5	86.5	<0.01	0.02	1.0
ZZ76727		0.16	48.0	310	14.7	10.3	0.002	0.05	2.30	6.8	1.6	0.4	31.3	<0.01	0.02	4.1
ZZ76728		0.35	32.6	520	14.3	9.5	<0.001	0.06	0.26	5.0	0.5	0.5	150.0	<0.01	0.03	1.9
ZZ76729		0.48	23.6	910	9.4	7.6	<0.001	0.11	0.47	4.2	1.2	0.4	52.8	<0.01	0.05	0.7
ZZ76730		0.40	30.1	410	27.1	14.8	<0.001	0.02	0.26	4.9	0.5	0.6	11.6	<0.01	0.07	2.6
ZZ76731		0.72	18.3	250	18.4	16.7	<0.001	0.02	0.21	3.3	0.3	0.7	8.9	<0.01	0.05	3.0
ZZ76732		0.37	19.0	380	25.3	8.9	<0.001	0.04	0.24	3.5	0.4	0.4	21.2	<0.01	0.02	1.5
ZZ76733		0.66	28.5	580	18.3	9.4	<0.001	0.04	0.36	5.7	0.9	0.6	24.5	<0.01	0.04	2.6
ZZ76734		0.67	17.2	1050	14.8	12.5	<0.001	0.12	0.38	2.7	1.0	0.5	50.3	<0.01	0.04	0.7
ZZ76735		0.61	24.1	790	13.5	18.4	<0.001	0.10	0.26	4.6	0.7	0.8	46.6	<0.01	0.05	1.2
ZZ76736		0.88	17.4	690	17.6	17.0	<0.001	0.08	0.37	4.0	0.7	0.6	42.5	<0.01	0.04	1.6
ZZ76737		0.74	25.5	520	25.2	16.5	<0.001	0.04	0.37	5.9	0.9	0.7	21.3	<0.01	0.06	2.8
ZZ76738		0.51	15.7	1400	9.0	8.4	0.001	0.20	0.46	2.6	0.9	0.4	62.6	<0.01	0.03	0.5
ZZ76739		0.64	14.6	550	17.1	13.9	<0.001	0.04	0.24	2.3	0.3	0.7	7.7	<0.01	0.04	1.5
ZZ76740		0.81	24.4	450	23.2	10.7	<0.001	0.02	0.35	3.8	0.5	0.6	10.5	<0.01	0.05	3.9
ZZ76741		0.72	22.9	310	21.9	16.9	<0.001	0.02	0.30	4.0	0.7	0.7	12.1	<0.01	0.07	2.6
ZZ76742		0.34	26.0	1010	13.9	11.8	<0.001	0.09	0.42	3.5	1.3	0.5	59.1	<0.01	0.05	0.8
ZZ76743		0.33	23.8	580	9.3	8.7	<0.001	0.05	0.14	4.7	0.8	0.4	601	<0.01	0.02	2.6
ZZ76744		0.29	20.5	960	8.7	8.6	<0.001	0.16	0.28	1.4	1.3	0.4	151.5	<0.01	0.01	0.3
ZZ76745		0.32	21.1	860	9.7	10.5	0.001	0.17	0.56	2.3	2.1	0.4	115.0	<0.01	0.04	0.6
ZZ76746		0.15	42.5	240	23.6	9.9	<0.001	0.02	0.44	10.4	1.4	0.4	19.8	<0.01	0.07	6.1
ZZ76747		0.39	17.5	900	15.7	11.2	<0.001	0.12	0.39	2.9	1.1	0.5	99.8	<0.01	0.04	0.9
ZZ76748		0.36	27.9	650	11.5	10.9	<0.001	0.11	0.25	3.0	0.8	0.5	109.0	<0.01	0.02	0.8
ZZ76749		0.36	27.6	650	14.8	10.2	<0.001	0.08	0.22	3.2	0.7	0.5	92.5	<0.01	0.03	1.1
ZZ76750		0.26	15.8	1150	6.9	6.1	<0.001	0.17	0.40	2.0	1.5	0.2	88.3	<0.01	0.03	0.4
ZZ76751		1.02	16.7	330	25.4	15.9	<0.001	0.02	0.27	3.2	0.3	0.7	9.3	<0.01	0.07	2.2
ZZ76752		0.93	15.2	350	18.2	13.2	<0.001	0.02	0.28	2.6	0.6	0.8	7.8	<0.01	0.06	2.0
ZZ76753		0.74	24.8	1510	24.0	24.7	<0.001	0.11	0.34	8.0	3.3	0.9	32.4	<0.01	0.05	2.1
ZZ76754		0.79	22.3	430	21.2	12.6	<0.001	0.02	0.28	3.8	0.5	0.6	10.8	<0.01	0.06	3.0
ZZ76755		0.75	15.6	560	16.0	11.9	<0.001	0.04	0.31	2.7	0.5	0.7	16.8	<0.01	0.04	0.9
ZZ76756		0.88	21.8	730	17.6	11.6	<0.001	0.04	0.45	3.2	0.7	0.6	20.7	<0.01	0.05	1.4
ZZ76757		0.43	17.9	300	36.1	12.5	<0.001	0.02	0.21	3.4	0.3	0.4	13.0	<0.01	0.04	2.8
ZZ76758		0.61	21.2	990	11.4	14.4	<0.001	0.11	0.43	4.3	1.5	0.6	48.9	<0.01	0.04	1.5
ZZ76759		0.75	38.7	370	19.6	10.5	<0.001	0.02	0.45	8.7	0.8	0.5	12.9	<0.01	0.06	6.2
ZZ76760		0.60	21.9	400	12.6	11.2	<0.001	0.02	0.28	3.5	0.3	0.6	12.1	<0.01	0.09	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ76721		<0.005	0.19	2.37	35	0.05	11.05	194	3.1
ZZ76722		0.005	0.20	1.55	28	0.05	7.29	100	2.0
ZZ76723		<0.005	0.11	1.60	18	<0.05	8.70	54	2.6
ZZ76724		0.013	0.16	0.50	47	0.17	2.56	77	<0.5
ZZ76725		0.011	0.15	0.96	57	0.14	4.76	63	<0.5
ZZ76726		<0.005	0.19	1.16	22	<0.05	8.70	111	2.3
ZZ76727		<0.005	0.33	1.33	19	<0.05	10.75	183	4.0
ZZ76728		<0.005	0.18	0.63	23	0.05	9.56	74	3.6
ZZ76729		0.008	0.10	1.05	35	0.08	11.00	50	1.7
ZZ76730		<0.005	0.22	0.63	45	0.10	5.93	94	0.8
ZZ76731		0.010	0.16	0.51	48	0.12	2.90	61	1.0
ZZ76732		0.006	0.12	0.92	25	0.07	6.63	69	1.2
ZZ76733		0.013	0.17	1.23	42	0.15	8.86	98	1.4
ZZ76734		0.013	0.15	2.61	37	0.10	13.40	80	1.0
ZZ76735		0.008	0.15	2.21	32	0.11	9.42	91	1.6
ZZ76736		0.014	0.15	1.38	37	0.15	8.62	87	1.3
ZZ76737		0.012	0.25	1.80	45	0.21	10.45	89	1.4
ZZ76738		0.008	0.13	1.56	28	0.11	9.03	50	1.6
ZZ76739		0.010	0.18	0.56	36	0.13	2.68	62	0.9
ZZ76740		0.016	0.21	0.69	45	0.14	5.02	73	1.4
ZZ76741		0.011	0.18	0.66	53	0.11	3.51	90	0.5
ZZ76742		0.006	0.13	1.53	44	0.06	12.15	63	1.9
ZZ76743		<0.005	0.12	0.68	16	<0.05	9.40	61	5.4
ZZ76744		<0.005	0.13	1.23	17	<0.05	7.34	55	2.0
ZZ76745		<0.005	0.19	1.18	22	0.07	6.91	97	2.2
ZZ76746		0.005	0.19	0.95	41	<0.05	16.15	90	3.4
ZZ76747		0.005	0.13	1.14	31	0.06	7.18	64	1.6
ZZ76748		<0.005	0.17	1.12	20	<0.05	9.59	77	2.9
ZZ76749		<0.005	0.11	0.96	24	<0.05	7.98	80	2.5
ZZ76750		0.007	0.09	1.01	19	<0.05	5.92	38	1.2
ZZ76751		0.015	0.34	0.39	58	0.14	2.32	55	0.8
ZZ76752		0.015	0.17	0.53	50	0.17	2.46	67	<0.5
ZZ76753		0.005	0.23	4.00	34	0.26	60.1	52	1.8
ZZ76754		0.010	0.25	0.69	49	0.14	4.97	67	1.1
ZZ76755		0.012	0.20	0.96	45	0.17	7.02	49	<0.5
ZZ76756		0.019	0.19	1.19	52	0.23	6.07	73	0.6
ZZ76757		0.007	0.46	0.64	28	0.08	4.27	89	0.9
ZZ76758		0.008	0.15	2.31	25	0.18	20.3	50	2.0
ZZ76759		0.019	0.18	1.03	46	0.20	14.60	73	2.6
ZZ76760		0.011	0.13	0.38	64	0.12	3.02	52	<0.5

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CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76761		0.15	0.004	0.17	0.99	12.6	<0.2	<10	350	0.67	0.16	2.66	0.31	12.00	7.8	15
ZZ76762		0.16	0.001	0.10	0.80	6.5	<0.2	<10	340	0.82	0.13	3.19	0.18	18.50	8.5	13
ZZ76763		0.09	0.002	0.09	0.76	4.5	<0.2	10	320	0.85	0.10	2.97	0.41	12.35	6.2	10
ZZ76764		0.13	0.003	0.12	1.12	27.3	<0.2	<10	190	0.86	0.25	1.17	0.26	13.40	10.9	17
ZZ76765		0.24	0.002	0.15	1.11	15.9	<0.2	<10	220	0.72	0.20	2.04	0.30	12.55	11.2	17
ZZ76766		0.12	0.003	0.23	0.94	44.7	<0.2	<10	310	0.66	0.18	2.65	0.73	11.95	9.9	16
ZZ76767		0.09	0.004	0.11	1.04	55.4	<0.2	<10	290	0.71	0.18	2.38	0.95	15.15	9.8	16
ZZ76768		0.21	0.004	0.24	1.17	51.2	<0.2	<10	280	0.88	0.20	3.42	1.11	16.60	11.1	19
ZZ76769		0.17	0.004	0.30	1.19	45.4	<0.2	<10	320	0.84	0.22	2.00	0.66	16.90	11.5	21
ZZ76770		0.19	0.002	0.13	1.66	32.2	<0.2	<10	230	0.86	0.27	0.69	0.49	29.6	11.6	29
ZZ76771		0.11	0.005	0.51	1.61	40.4	<0.2	<10	220	1.20	0.24	1.89	5.01	24.1	11.2	23
ZZ76772		0.25	0.008	0.34	1.17	78.6	<0.2	<10	140	1.04	0.21	5.18	0.96	17.70	11.4	20
ZZ76773		0.19	0.055	0.34	0.66	106	<0.2	<10	80	0.91	0.12	14.40	0.62	9.47	6.2	9
ZZ76774		0.29	0.004	0.36	1.88	173.5	<0.2	<10	300	1.42	0.27	2.69	0.76	24.2	12.3	29
ZZ76775		0.26	0.007	1.37	0.98	349	<0.2	<10	110	1.86	0.15	10.60	0.93	23.0	7.7	21
ZZ76776		0.24	0.021	0.78	1.80	422	<0.2	<10	360	2.35	0.28	2.51	1.56	26.5	12.8	34
ZZ76777		0.17	0.009	1.76	0.24	13.3	<0.2	<10	1880	0.22	0.07	2.07	6.85	3.72	1.6	6
ZZ76778		0.32	0.002	0.43	0.46	89.0	<0.2	<10	70	0.19	0.21	0.01	0.18	7.32	4.7	28
ZZ76779		0.33	0.007	1.42	0.44	60.5	<0.2	<10	670	0.36	0.24	0.01	0.25	3.49	2.9	27
ZZ76780		0.21	0.010	3.24	0.64	36.2	<0.2	10	2250	1.39	0.18	2.15	2.18	7.26	17.0	96
ZZ76781		0.25	0.004	1.41	1.01	20.2	<0.2	<10	280	0.34	0.26	0.05	0.17	16.85	3.2	23
ZZ76782		0.09	0.005	1.30	0.45	27.9	<0.2	<10	1030	0.41	0.12	2.38	1.21	4.20	8.0	22
ZZ76783		0.13	0.007	1.72	0.58	23.2	<0.2	10	1270	0.49	0.14	2.97	2.55	5.58	4.2	26
ZZ76784		0.27	0.005	1.91	0.66	29.0	<0.2	<10	1400	0.52	0.34	0.39	2.22	10.80	4.1	44
ZZ76785		0.18	0.007	1.20	0.89	29.4	<0.2	<10	2130	0.45	0.22	0.22	0.85	10.75	3.8	21
ZZ76786		0.24	0.003	2.26	0.92	104.5	<0.2	<10	460	0.91	0.32	0.07	1.61	14.40	5.2	25
ZZ76787		0.27	0.004	3.35	1.36	54.9	<0.2	<10	690	0.56	0.32	0.05	0.53	16.05	8.5	28
ZZ76788		0.42	0.007	1.28	1.20	31.6	<0.2	<10	400	0.39	0.30	0.04	0.48	18.80	4.1	25
ZZ76789		0.30	0.005	0.69	1.06	31.5	<0.2	<10	270	0.57	0.26	0.04	0.67	14.90	7.0	22
ZZ76790		0.30	0.009	1.51	0.85	366	<0.2	<10	520	0.96	0.29	0.03	1.53	16.25	11.1	19
ZZ76791		0.38	0.004	1.03	0.70	99.4	<0.2	<10	230	0.41	0.35	0.03	0.45	14.00	6.7	14
ZZ76792		0.36	0.004	0.80	0.67	90.5	<0.2	<10	250	0.40	0.33	0.02	0.33	17.35	4.7	13
ZZ76793		0.33	0.010	1.16	1.89	100.5	<0.2	<10	610	1.21	0.30	0.08	1.43	25.7	16.0	27
ZZ76794		0.39	0.006	0.57	0.76	126.0	<0.2	<10	220	0.52	0.28	0.03	0.42	16.55	7.5	15
ZZ76795		0.19	0.006	0.89	1.39	43.5	<0.2	<10	220	0.69	0.30	0.09	0.65	24.3	10.6	26
ZZ76796		0.36	0.005	0.25	1.22	38.1	<0.2	<10	160	0.74	0.26	0.10	0.78	24.2	18.9	23
ZZ76797		0.36	0.004	0.38	1.04	37.0	<0.2	<10	180	0.68	0.22	0.05	0.90	14.30	8.3	19
ZZ76798		0.14	0.010	1.25	0.99	16.4	<0.2	<10	2150	0.69	0.18	1.44	1.06	16.10	8.8	17
ZZ76799		0.43	0.005	1.30	1.00	30.7	<0.2	<10	1170	0.78	0.19	0.51	18.10	18.35	10.2	36
ZZ76800		0.23	0.004	1.50	1.16	35.8	<0.2	<10	720	0.99	0.21	0.86	23.1	19.25	7.9	38

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76761		0.83	50.0	2.09	2.82	<0.05	0.05	0.20	0.026	0.05	6.8	11.8	0.38	340	0.68	<0.01
ZZ76762		0.52	18.2	2.16	2.03	<0.05	0.05	0.08	0.028	0.10	8.1	7.8	0.25	357	0.88	<0.01
ZZ76763		0.46	16.0	1.64	1.94	<0.05	0.05	0.10	0.024	0.09	6.5	7.0	0.25	261	0.83	<0.01
ZZ76764		0.67	37.9	2.98	3.43	<0.05	0.06	0.15	0.030	0.07	5.6	15.7	0.38	335	1.15	<0.01
ZZ76765		0.92	44.6	2.84	3.13	<0.05	0.05	0.14	0.027	0.07	6.1	20.3	0.48	349	0.87	<0.01
ZZ76766		0.42	24.9	2.24	2.77	<0.05	0.04	0.29	0.026	0.06	5.8	10.3	0.64	388	1.52	<0.01
ZZ76767		0.50	20.1	2.08	3.04	<0.05	0.04	0.14	0.022	0.05	7.0	9.0	0.38	473	1.15	<0.01
ZZ76768		0.47	25.7	2.52	3.43	<0.05	0.04	0.23	0.027	0.06	8.1	12.3	1.34	388	1.37	<0.01
ZZ76769		0.57	32.2	2.77	3.54	<0.05	0.04	0.29	0.029	0.05	8.7	13.0	0.56	459	1.51	<0.01
ZZ76770		1.13	13.4	3.02	4.97	<0.05	0.04	0.12	0.030	0.06	14.4	16.6	0.54	386	1.13	<0.01
ZZ76771		0.85	28.9	2.60	4.74	<0.05	0.04	0.43	0.030	0.05	13.1	9.7	0.53	870	0.95	<0.01
ZZ76772		0.71	23.2	2.84	3.43	<0.05	0.06	0.52	0.028	0.07	9.5	12.3	3.14	447	2.09	<0.01
ZZ76773		0.73	14.9	1.44	1.72	<0.05	0.05	0.68	0.018	0.06	5.3	6.7	7.93	310	1.37	0.01
ZZ76774		1.90	23.3	3.33	5.31	<0.05	0.06	1.45	0.039	0.08	12.0	17.8	1.65	354	2.52	<0.01
ZZ76775		0.99	13.4	2.17	2.47	<0.05	0.04	4.37	0.021	0.05	12.3	6.7	5.54	483	1.95	<0.01
ZZ76776		1.48	41.1	3.33	4.61	0.06	0.08	7.66	0.048	0.09	13.5	11.1	0.95	489	4.73	<0.01
ZZ76777		0.70	14.6	0.86	0.70	0.05	0.03	0.34	0.009	0.03	2.2	0.7	0.06	49	2.80	<0.01
ZZ76778		2.00	44.1	2.70	3.26	<0.05	<0.02	0.03	0.022	0.04	3.8	0.7	0.02	46	6.74	<0.01
ZZ76779		7.10	41.5	2.07	1.92	<0.05	<0.02	0.14	0.037	0.12	2.2	1.1	0.02	18	13.45	<0.01
ZZ76780		3.02	121.5	4.41	1.52	0.07	0.05	0.57	0.037	0.08	6.1	2.9	0.53	334	10.40	<0.01
ZZ76781		3.71	22.8	2.23	4.31	<0.05	<0.02	0.12	0.023	0.07	9.1	5.7	0.15	74	3.54	<0.01
ZZ76782		1.22	32.3	1.67	1.35	0.05	0.04	0.33	0.018	0.04	2.7	1.8	0.09	195	5.25	<0.01
ZZ76783		1.02	37.1	1.56	1.63	<0.05	0.04	0.26	0.020	0.04	3.3	3.3	0.10	181	4.02	<0.01
ZZ76784		1.74	39.3	1.78	2.55	0.05	<0.02	0.24	0.030	0.11	7.6	4.2	0.10	99	11.00	<0.01
ZZ76785		1.94	37.8	1.70	3.73	<0.05	<0.02	0.39	0.024	0.09	5.6	6.3	0.14	92	9.54	<0.01
ZZ76786		1.12	124.0	3.95	4.13	0.08	<0.02	0.16	0.059	0.20	7.7	2.3	0.04	76	23.2	0.02
ZZ76787		3.15	67.4	3.66	5.84	<0.05	<0.02	0.20	0.046	0.18	7.4	9.5	0.18	334	7.85	0.02
ZZ76788		4.17	34.1	3.74	5.20	<0.05	<0.02	0.23	0.037	0.17	9.2	8.2	0.23	159	5.55	0.02
ZZ76789		2.43	48.1	3.20	3.82	<0.05	<0.02	0.13	0.039	0.15	7.4	9.3	0.18	183	10.85	0.01
ZZ76790		4.84	80.3	3.79	2.51	0.05	<0.02	0.44	0.070	0.21	7.1	6.8	0.11	162	6.83	0.01
ZZ76791		8.57	50.7	2.94	2.73	<0.05	<0.02	0.14	0.041	0.15	6.1	3.1	0.09	204	4.03	0.01
ZZ76792		6.16	43.0	3.14	3.60	<0.05	<0.02	0.11	0.052	0.17	7.2	3.1	0.07	123	4.19	0.01
ZZ76793		7.33	105.5	3.37	4.79	<0.05	0.06	1.69	0.048	0.12	11.1	18.7	0.39	422	2.95	<0.01
ZZ76794		4.92	48.7	3.38	3.32	<0.05	<0.02	0.28	0.048	0.15	6.9	5.7	0.14	170	5.19	<0.01
ZZ76795		4.85	57.2	3.04	4.81	0.06	<0.02	0.32	0.039	0.11	10.9	14.0	0.31	359	3.12	0.01
ZZ76796		2.20	67.8	3.76	3.69	0.06	0.02	0.10	0.042	0.09	10.5	18.3	0.41	754	5.47	0.01
ZZ76797		2.60	56.0	2.64	3.35	<0.05	0.03	0.11	0.036	0.09	6.7	10.9	0.19	282	11.85	<0.01
ZZ76798		2.77	71.3	2.12	2.85	0.06	0.07	0.42	0.031	0.09	6.9	8.8	0.28	308	3.99	0.01
ZZ76799		1.34	63.2	2.11	3.56	0.07	0.03	0.38	0.030	0.09	10.7	8.8	0.21	362	17.80	<0.01
ZZ76800		0.78	69.2	2.52	3.70	0.06	0.07	0.39	0.033	0.09	11.8	13.5	0.29	209	11.30	<0.01

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76761		0.36	20.2	940	8.1	5.7	0.001	0.15	0.53	2.7	1.8	0.3	70.4	<0.01	0.04	0.5
ZZ76762		0.26	19.3	740	8.7	8.0	<0.001	0.11	0.19	2.1	0.6	0.4	133.0	<0.01	0.03	0.5
ZZ76763		0.25	15.8	750	6.7	7.0	<0.001	0.15	0.34	1.8	0.3	0.3	134.0	<0.01	0.01	0.5
ZZ76764		0.25	21.9	730	14.7	6.6	<0.001	0.09	0.70	3.5	0.8	0.4	36.8	<0.01	0.05	1.0
ZZ76765		0.18	22.6	720	12.9	6.0	0.001	0.12	0.62	2.8	1.7	0.3	62.1	<0.01	0.05	0.6
ZZ76766		0.39	27.3	720	14.9	6.0	<0.001	0.09	0.83	2.0	0.8	0.3	30.9	<0.01	0.05	0.7
ZZ76767		0.59	19.8	530	13.2	5.5	<0.001	0.09	0.67	1.9	0.7	0.3	27.2	<0.01	0.05	0.6
ZZ76768		0.51	27.9	560	16.9	7.5	<0.001	0.05	0.69	2.8	1.1	0.4	27.7	<0.01	0.05	1.2
ZZ76769		0.52	32.4	690	17.1	6.3	<0.001	0.06	0.78	2.5	1.4	0.4	22.9	<0.01	0.05	0.9
ZZ76770		1.11	27.1	350	16.1	9.1	<0.001	0.03	0.54	3.5	0.6	0.6	16.7	<0.01	0.03	2.8
ZZ76771		0.57	23.4	960	26.0	7.2	<0.001	0.08	0.61	2.2	1.0	0.5	23.3	<0.01	0.04	0.6
ZZ76772		0.44	29.5	460	24.3	8.1	<0.001	0.03	0.72	4.3	1.3	0.4	34.2	<0.01	0.06	2.4
ZZ76773		0.16	20.5	600	15.4	6.8	<0.001	0.03	0.62	2.1	1.1	0.3	68.5	<0.01	0.04	0.9
ZZ76774		0.69	37.6	310	30.1	13.2	<0.001	0.02	0.74	5.3	1.5	0.7	25.3	<0.01	0.06	3.6
ZZ76775		0.34	29.9	880	63.7	7.7	<0.001	0.05	1.67	3.2	1.6	0.3	53.4	<0.01	0.04	1.1
ZZ76776		0.33	47.7	330	77.3	10.8	<0.001	0.04	1.55	9.2	2.9	0.7	25.5	<0.01	0.09	3.9
ZZ76777		0.12	23.4	980	6.0	2.9	0.029	0.20	6.18	0.8	14.6	<0.2	121.5	<0.01	0.03	0.2
ZZ76778		0.43	78.1	430	8.7	8.3	<0.001	0.03	1.28	3.4	3.5	0.6	19.1	<0.01	0.09	0.8
ZZ76779		0.12	68.9	510	11.9	12.5	0.003	0.19	1.31	4.9	7.3	0.6	96.7	<0.01	0.11	0.8
ZZ76780		0.05	192.5	2580	10.3	8.1	0.003	0.09	1.41	12.7	10.1	0.5	263	<0.01	0.10	1.4
ZZ76781		0.91	17.6	490	10.8	9.1	0.001	0.06	0.79	2.8	2.7	0.6	34.1	<0.01	0.06	1.5
ZZ76782		0.14	38.6	1160	8.6	5.6	0.021	0.16	1.19	2.3	17.2	0.3	113.5	<0.01	0.05	0.3
ZZ76783		0.17	51.6	1350	7.7	6.3	0.022	0.15	1.39	1.5	10.6	0.3	146.0	<0.01	0.07	0.3
ZZ76784		0.13	31.9	1640	16.3	14.2	0.011	0.19	1.83	0.3	9.9	0.5	100.5	<0.01	0.31	<0.2
ZZ76785		0.32	20.5	1310	12.7	12.9	0.020	0.16	1.55	1.4	10.1	0.5	53.8	<0.01	0.10	0.4
ZZ76786		0.19	78.5	2350	23.3	15.3	0.006	0.46	3.41	0.9	20.6	0.8	123.5	<0.01	0.17	0.2
ZZ76787		0.39	21.6	1200	21.8	16.9	<0.001	0.37	2.55	0.6	4.3	0.9	58.1	<0.01	0.14	0.2
ZZ76788		0.66	19.5	960	15.8	16.4	<0.001	0.32	2.60	1.3	3.4	0.7	52.9	<0.01	0.13	0.4
ZZ76789		0.43	42.3	750	18.6	17.5	<0.001	0.19	3.24	1.5	4.2	0.5	32.1	<0.01	0.13	0.6
ZZ76790		0.24	56.2	1060	92.5	20.2	0.001	0.37	3.39	3.9	4.5	0.5	101.0	<0.01	0.14	1.6
ZZ76791		0.51	27.3	750	31.4	18.0	0.001	0.18	2.36	1.9	2.6	0.5	30.7	<0.01	0.11	1.0
ZZ76792		0.59	21.6	690	39.9	18.2	0.001	0.26	2.24	2.2	3.5	0.6	41.2	<0.01	0.13	1.5
ZZ76793		0.64	39.5	630	86.3	19.9	<0.001	0.06	2.22	4.5	2.3	0.6	26.2	<0.01	0.09	3.8
ZZ76794		0.40	28.5	710	78.3	16.2	0.001	0.22	3.22	2.7	3.7	0.5	32.1	<0.01	0.14	2.0
ZZ76795		0.44	30.8	930	46.8	15.8	<0.001	0.08	1.90	1.9	1.8	0.6	20.5	<0.01	0.09	0.4
ZZ76796		0.39	47.9	820	23.1	9.5	0.001	0.06	2.75	4.9	1.9	0.4	21.8	<0.01	0.10	3.4
ZZ76797		0.25	32.7	680	25.6	11.9	0.002	0.06	4.81	3.2	3.2	0.5	24.7	<0.01	0.13	2.2
ZZ76798		0.32	54.4	1090	13.4	11.6	0.009	0.14	2.30	4.4	6.2	0.4	67.5	<0.01	0.07	2.0
ZZ76799		0.31	245	2120	14.9	12.1	0.008	0.13	7.23	1.7	6.5	0.5	43.6	<0.01	0.12	0.4
ZZ76800		0.32	352	1230	12.2	10.0	0.006	0.10	5.31	4.1	5.6	0.5	40.4	<0.01	0.10	1.1

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ALS Minerals

To: ATAC RESOURCES LTD.
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ76761	0.009	0.12	2.40	27	0.08	9.19	43	1.7
ZZ76762	<0.005	0.10	0.95	16	<0.05	7.48	72	2.4
ZZ76763	<0.005	0.11	0.58	15	<0.05	6.58	71	2.2
ZZ76764	<0.005	0.14	1.01	33	0.07	7.00	76	1.8
ZZ76765	<0.005	0.10	1.71	27	<0.05	6.98	69	1.6
ZZ76766	0.006	0.14	2.82	39	0.09	7.90	124	1.4
ZZ76767	0.010	0.12	1.46	37	0.11	6.97	80	1.4
ZZ76768	0.007	0.14	1.90	43	0.11	9.65	120	1.4
ZZ76769	0.008	0.14	1.63	45	0.13	11.25	109	1.2
ZZ76770	0.025	0.19	1.30	57	0.21	8.37	105	1.2
ZZ76771	0.014	0.14	2.83	53	0.13	11.85	206	1.1
ZZ76772	0.007	0.25	1.03	48	0.13	12.05	144	1.9
ZZ76773	<0.005	0.34	1.04	27	0.15	6.63	104	1.6
ZZ76774	0.009	0.50	1.17	68	0.20	10.05	239	2.2
ZZ76775	0.008	0.77	1.99	43	0.35	13.50	324	1.4
ZZ76776	<0.005	0.82	1.55	98	0.25	23.4	319	2.4
ZZ76777	0.005	0.17	1.85	27	0.08	4.67	81	1.5
ZZ76778	0.010	0.28	0.59	90	0.17	4.44	254	<0.5
ZZ76779	<0.005	0.18	2.76	53	0.07	6.52	188	<0.5
ZZ76780	<0.005	0.15	3.32	133	0.07	62.8	521	4.1
ZZ76781	0.023	0.15	1.59	49	0.19	4.64	58	<0.5
ZZ76782	<0.005	0.16	5.48	54	0.08	15.05	128	1.9
ZZ76783	<0.005	0.16	5.41	63	0.10	15.75	236	1.5
ZZ76784	<0.005	0.30	3.68	73	0.13	12.35	152	<0.5
ZZ76785	0.005	1.12	1.78	61	0.17	6.70	73	<0.5
ZZ76786	<0.005	3.67	5.32	164	0.09	16.80	357	<0.5
ZZ76787	0.009	0.60	1.61	118	0.14	3.84	121	<0.5
ZZ76788	0.019	0.51	1.14	106	0.19	2.87	116	<0.5
ZZ76789	0.010	0.87	1.29	143	0.16	4.15	221	<0.5
ZZ76790	0.005	0.82	1.95	98	0.12	13.10	317	<0.5
ZZ76791	0.013	0.58	0.88	47	0.12	4.11	183	<0.5
ZZ76792	0.017	0.51	0.76	54	0.12	3.51	178	<0.5
ZZ76793	0.009	0.56	1.50	65	0.15	10.40	237	1.8
ZZ76794	0.011	0.65	0.85	64	0.10	4.21	201	<0.5
ZZ76795	0.013	0.42	1.13	63	0.16	7.34	139	<0.5
ZZ76796	0.014	0.54	1.22	68	0.10	8.76	178	0.8
ZZ76797	0.005	0.93	1.91	135	0.14	6.75	151	0.9
ZZ76798	0.005	0.56	2.86	66	0.09	20.6	182	2.3
ZZ76799	0.007	2.69	11.40	398	0.19	26.5	1380	1.0
ZZ76800	0.006	1.39	5.96	544	0.14	23.3	2040	2.1

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CERTIFICATE OF ANALYSIS WH13115531

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76801	0.22	0.003	0.32	1.28	24.5	<0.2	<10	340	1.14	0.24	0.41	2.66	25.3	12.8	23
ZZ76802	0.20	0.002	0.40	0.93	10.7	<0.2	<10	360	0.81	0.15	1.95	2.11	13.65	7.8	13
ZZ76803	0.21	0.004	0.45	1.51	14.0	<0.2	<10	580	1.21	0.20	1.01	1.07	22.7	11.4	21
ZZ76804	0.23	0.004	0.26	1.16	14.0	<0.2	<10	370	1.06	0.19	1.44	1.21	22.3	11.9	17
ZZ76805	0.25	0.002	0.12	1.52	30.9	<0.2	<10	210	0.91	0.29	0.48	0.47	19.00	15.9	26
ZZ76806	0.36	0.003	0.68	0.45	41.8	<0.2	<10	120	0.76	0.24	0.21	7.24	17.65	12.9	9
ZZ76807	0.26	0.002	0.07	1.46	26.6	<0.2	<10	210	0.91	0.31	0.19	0.13	19.15	12.7	22
ZZ76808	0.14	0.001	0.09	1.48	51.3	<0.2	<10	280	1.29	0.32	0.57	0.24	22.8	14.0	24
ZZ76809	0.19	0.006	0.52	1.49	60.8	<0.2	<10	480	1.18	0.28	1.12	0.85	22.8	16.6	27
ZZ76810	0.14	0.002	0.32	1.35	41.3	<0.2	<10	370	0.88	0.23	1.45	1.62	16.00	12.0	22
ZZ76811	0.23	0.003	0.05	2.02	69.1	<0.2	<10	210	1.17	0.27	0.68	1.58	32.9	10.5	33
ZZ76812	0.17	0.001	0.07	1.73	56.0	<0.2	<10	210	1.01	0.28	0.54	0.82	21.7	10.4	30
ZZ76813	0.24	0.006	0.34	0.85	110	<0.2	<10	90	0.94	0.14	11.30	0.70	12.90	7.0	15
ZZ76814	0.30	0.017	0.37	1.29	105.0	<0.2	<10	150	1.25	0.21	9.72	0.85	17.20	9.7	22
ZZ76815	0.26	0.013	0.21	1.85	69.8	<0.2	<10	230	1.25	0.28	2.08	0.81	34.2	10.9	32
ZZ76816	0.25	0.021	0.65	1.76	230	<0.2	<10	250	1.70	0.25	6.18	2.31	28.6	10.3	30
ZZ76817	0.26	0.016	0.40	2.71	212	<0.2	<10	350	1.98	0.34	0.49	1.78	37.4	14.0	42
ZZ76818	0.33	0.019	1.08	0.81	359	<0.2	<10	220	0.92	0.24	0.58	1.09	14.25	6.8	13
ZZ76819	0.26	0.004	0.38	0.67	248	<0.2	<10	450	0.36	0.32	0.11	0.35	12.35	3.5	18
ZZ76820	0.30	0.014	1.83	1.54	247	<0.2	<10	590	0.56	0.32	0.03	0.46	13.05	7.7	32
ZZ76821	0.33	0.004	2.86	0.72	72.0	<0.2	<10	230	0.17	0.27	0.02	0.11	7.02	2.1	24
ZZ76822	0.32	0.001	1.34	0.43	50.7	<0.2	<10	210	0.14	0.24	0.01	0.15	10.15	2.3	14
ZZ76823	0.27	0.004	0.96	0.39	54.6	<0.2	<10	180	0.16	0.26	0.01	0.06	7.06	1.9	18
ZZ76824	0.24	0.001	1.08	0.55	30.2	<0.2	<10	330	0.21	0.23	0.02	0.11	6.86	2.7	17
ZZ76825	0.30	0.001	0.66	0.93	24.9	<0.2	<10	490	0.21	0.27	0.03	0.13	18.20	2.5	20
ZZ76826	0.35	0.002	1.28	1.34	62.2	<0.2	<10	520	0.54	0.31	0.02	0.46	13.50	7.1	32
ZZ76827	0.19	0.006	7.77	0.66	24.7	<0.2	<10	2490	0.52	0.17	1.72	6.18	8.10	3.2	76
ZZ76828	0.29	0.004	5.16	1.21	42.0	<0.2	10	1420	1.31	0.19	1.43	7.24	13.70	6.0	126
ZZ76829	0.36	0.003	1.72	0.53	56.5	<0.2	10	550	0.92	0.15	0.36	2.04	12.40	1.5	39
ZZ76830	0.34	0.004	3.59	0.76	91.2	<0.2	<10	150	0.28	0.30	0.02	0.89	12.85	2.1	25
ZZ76831	0.25	0.004	1.99	0.74	44.4	<0.2	<10	230	0.32	0.34	0.02	0.46	16.80	4.5	15
ZZ76832	0.37	0.006	1.35	0.64	14.1	<0.2	<10	270	0.43	0.29	0.02	0.45	8.61	5.6	11
ZZ76833	0.39	0.012	1.23	0.84	14.7	<0.2	<10	270	0.46	0.34	0.03	0.34	10.80	6.2	15
ZZ76834	0.34	0.005	0.56	1.02	16.4	<0.2	<10	190	0.40	0.34	0.03	0.24	13.90	6.8	21
ZZ76835	0.31	0.005	0.25	1.30	14.7	<0.2	<10	200	0.50	0.29	0.07	0.36	22.4	8.0	23
ZZ76836	0.28	0.006	0.60	0.55	12.0	<0.2	<10	310	0.52	0.26	0.05	0.80	16.75	11.7	11
ZZ76837	0.34	0.007	0.57	0.90	22.7	<0.2	<10	320	0.60	0.28	0.06	0.79	19.00	10.5	15
ZZ76838	0.27	0.005	0.31	0.95	21.3	<0.2	<10	360	0.59	0.26	0.07	0.75	18.95	10.8	15
ZZ76839	0.21	0.005	0.32	1.40	27.2	<0.2	<10	450	0.65	0.29	0.08	0.63	13.95	7.7	21
ZZ76840	0.33	0.004	0.75	1.46	70.8	<0.2	<10	260	0.64	0.29	0.03	1.59	16.00	8.5	35

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ76801		0.94	46.0	3.36	3.83	0.06	0.06	0.15	0.040	0.11	11.3	16.3	0.37	364	5.86	0.01
ZZ76802		0.69	30.9	2.03	2.47	<0.05	0.06	0.13	0.028	0.08	6.0	8.7	0.19	379	2.50	<0.01
ZZ76803		1.15	42.5	3.02	4.02	0.05	0.09	0.17	0.039	0.12	10.3	15.8	0.33	426	2.57	<0.01
ZZ76804		0.88	28.4	3.16	3.38	0.05	0.08	0.09	0.036	0.11	9.1	12.0	0.30	548	2.87	<0.01
ZZ76805		1.50	55.3	4.28	4.75	<0.05	0.06	0.07	0.041	0.11	7.4	23.4	0.54	437	2.70	<0.01
ZZ76806		1.64	60.7	3.01	1.70	0.06	0.04	0.12	0.035	0.13	7.1	4.5	0.08	238	16.20	<0.01
ZZ76807		1.76	23.3	3.45	5.32	<0.05	0.03	0.05	0.035	0.08	7.5	15.0	0.24	576	1.03	<0.01
ZZ76808		1.53	27.6	4.10	4.54	<0.05	0.05	0.27	0.045	0.11	8.9	20.3	0.32	876	0.91	<0.01
ZZ76809		0.95	47.8	3.64	4.48	0.06	0.07	0.32	0.040	0.11	11.4	20.8	0.75	556	2.74	0.01
ZZ76810		0.71	29.5	2.67	4.11	<0.05	0.05	0.17	0.032	0.07	7.8	14.0	0.33	393	1.83	<0.01
ZZ76811		1.67	16.8	3.65	6.03	0.05	0.09	0.18	0.042	0.07	17.3	15.4	0.41	403	1.59	0.01
ZZ76812		1.04	17.4	3.25	5.32	<0.05	0.05	0.12	0.038	0.08	10.5	16.1	0.48	338	1.51	0.01
ZZ76813		0.80	18.7	1.96	2.28	<0.05	0.04	0.70	0.022	0.07	6.6	10.0	6.44	281	1.50	0.01
ZZ76814		0.96	19.9	2.57	3.32	<0.05	0.08	0.73	0.030	0.09	8.8	12.4	5.65	485	1.74	0.01
ZZ76815		1.17	17.5	3.30	5.39	0.05	0.07	0.29	0.037	0.08	17.7	16.5	1.49	545	1.55	0.01
ZZ76816		1.22	16.3	3.02	4.66	<0.05	0.06	1.79	0.033	0.08	15.1	11.9	3.34	1080	1.60	0.01
ZZ76817		2.19	23.1	4.14	6.91	0.06	0.07	5.82	0.049	0.10	16.7	21.6	0.52	440	2.31	0.01
ZZ76818		3.74	35.9	2.12	2.70	<0.05	0.03	2.81	0.036	0.10	6.0	5.5	0.13	150	4.04	<0.01
ZZ76819		4.02	27.8	2.78	4.37	<0.05	<0.02	0.76	0.045	0.12	6.0	3.2	0.06	66	5.91	<0.01
ZZ76820		6.23	31.8	3.63	6.03	<0.05	0.04	2.22	0.057	0.13	6.5	18.3	0.25	157	8.08	<0.01
ZZ76821		5.43	16.4	2.66	3.82	<0.05	<0.02	0.48	0.033	0.10	3.7	2.7	0.06	52	6.00	<0.01
ZZ76822		4.51	17.7	1.50	3.44	<0.05	<0.02	0.13	0.020	0.06	5.3	0.7	0.02	32	7.08	<0.01
ZZ76823		6.78	47.3	2.57	3.50	0.05	0.02	0.09	0.039	0.08	3.7	0.9	0.02	19	14.65	<0.01
ZZ76824		1.97	22.8	1.93	3.35	<0.05	<0.02	0.04	0.026	0.09	3.6	1.7	0.04	40	5.23	<0.01
ZZ76825		2.54	16.3	1.83	5.18	<0.05	<0.02	0.04	0.018	0.06	9.5	2.6	0.06	68	4.99	<0.01
ZZ76826		2.90	37.9	3.82	5.28	<0.05	0.03	0.12	0.041	0.11	7.0	14.2	0.21	152	7.72	<0.01
ZZ76827		1.04	59.9	1.53	2.45	0.08	0.04	0.21	0.026	0.06	9.5	3.2	0.05	66	21.9	<0.01
ZZ76828		1.46	46.6	3.72	4.20	0.10	0.04	0.23	0.042	0.09	19.7	10.2	0.07	117	22.1	<0.01
ZZ76829		1.01	40.3	2.40	1.93	0.09	<0.02	0.05	0.026	0.13	12.0	2.7	0.02	20	8.16	0.01
ZZ76830		4.17	56.0	4.96	5.96	0.07	0.02	0.16	0.087	0.40	5.9	3.2	0.08	54	15.50	0.04
ZZ76831		1.58	50.9	5.59	4.27	0.06	0.03	0.20	0.069	0.36	7.1	4.5	0.08	76	10.65	0.08
ZZ76832		3.62	61.7	2.50	2.35	<0.05	<0.02	0.16	0.035	0.11	3.6	2.3	0.05	92	5.10	<0.01
ZZ76833		4.77	51.4	2.35	2.76	<0.05	0.02	0.15	0.039	0.13	4.8	5.3	0.09	168	4.51	<0.01
ZZ76834		2.45	45.4	3.20	4.10	<0.05	0.02	0.08	0.040	0.11	6.0	8.9	0.17	194	4.32	<0.01
ZZ76835		2.13	26.9	2.76	4.87	<0.05	<0.02	0.23	0.030	0.08	10.7	12.4	0.28	259	2.57	<0.01
ZZ76836		3.78	58.5	2.36	2.14	<0.05	<0.02	0.10	0.040	0.15	6.3	5.2	0.08	393	4.33	0.01
ZZ76837		5.23	49.6	2.91	2.93	0.05	0.02	0.12	0.042	0.14	7.6	9.3	0.16	450	3.94	0.01
ZZ76838		7.16	50.3	3.08	3.31	<0.05	0.03	0.14	0.040	0.12	7.3	9.5	0.17	381	4.05	0.01
ZZ76839		4.97	44.9	2.86	4.76	<0.05	0.03	0.16	0.038	0.10	6.0	9.1	0.18	234	3.65	<0.01
ZZ76840		2.44	58.0	3.99	5.54	0.06	0.02	0.16	0.047	0.09	8.9	11.2	0.20	154	73.1	<0.01

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76801		0.29	62.5	800	16.7	10.8	0.004	0.05	2.44	5.1	2.6	0.5	22.8	<0.01	0.07	2.0
ZZ76802		0.26	37.8	1070	9.3	9.5	0.004	0.15	1.64	1.7	3.7	0.3	61.2	<0.01	0.05	0.5
ZZ76803		0.30	36.1	940	14.1	13.9	0.001	0.09	1.19	4.5	2.4	0.5	40.6	<0.01	0.05	1.3
ZZ76804		0.33	29.2	780	13.6	11.6	0.001	0.09	1.53	4.4	1.7	0.4	44.9	<0.01	0.04	1.4
ZZ76805		0.32	37.5	470	17.6	11.5	0.001	0.03	1.11	6.0	1.2	0.5	22.5	<0.01	0.08	2.8
ZZ76806		0.11	49.7	400	18.4	10.7	0.003	0.03	12.30	4.8	6.5	0.3	20.0	<0.01	0.08	2.8
ZZ76807		0.56	18.3	660	20.5	16.1	<0.001	0.04	0.34	3.3	0.3	0.7	12.0	<0.01	0.06	2.0
ZZ76808		0.40	29.3	600	26.2	13.9	<0.001	0.03	0.31	5.6	0.5	0.6	31.9	<0.01	0.05	3.1
ZZ76809		0.49	59.0	650	26.0	9.4	0.001	0.04	1.08	6.3	1.2	0.5	30.7	<0.01	0.07	4.0
ZZ76810		0.49	32.6	730	19.6	8.6	<0.001	0.06	0.76	3.8	1.0	0.5	26.2	<0.01	0.06	1.5
ZZ76811		0.66	30.0	130	27.2	12.2	<0.001	0.01	0.55	5.6	0.8	0.7	11.6	<0.01	0.06	4.7
ZZ76812		0.81	31.9	330	22.1	13.0	<0.001	0.02	0.64	4.1	0.6	0.6	15.2	<0.01	0.07	2.8
ZZ76813		0.20	26.5	860	18.6	7.8	0.001	0.04	0.74	2.3	0.8	0.3	60.1	<0.01	0.05	0.9
ZZ76814		0.32	31.8	670	25.2	10.6	0.001	0.04	0.76	4.1	1.1	0.4	49.1	<0.01	0.05	2.3
ZZ76815		0.89	34.0	290	23.2	12.4	<0.001	0.02	0.69	5.7	0.9	0.6	22.1	<0.01	0.05	4.8
ZZ76816		0.66	31.1	560	90.9	12.9	<0.001	0.04	1.14	5.2	1.3	0.6	38.1	<0.01	0.04	1.9
ZZ76817		0.77	52.3	290	63.1	17.3	<0.001	0.02	1.06	7.5	1.1	0.8	17.8	<0.01	0.07	5.4
ZZ76818		0.21	36.0	560	36.2	10.4	0.001	0.05	2.74	3.4	1.6	0.5	31.7	<0.01	0.08	2.7
ZZ76819		0.54	18.0	500	28.7	14.5	0.001	0.15	2.75	2.2	2.7	0.6	57.1	<0.01	0.13	2.2
ZZ76820		0.74	32.1	380	56.9	20.2	0.001	0.16	2.47	3.6	3.6	0.8	38.2	<0.01	0.18	2.8
ZZ76821		0.60	14.0	530	27.9	13.0	0.001	0.14	1.02	1.6	3.4	0.6	43.6	<0.01	0.11	1.0
ZZ76822		0.42	20.4	380	15.1	10.2	<0.001	0.09	0.96	1.9	2.4	0.6	42.7	<0.01	0.09	0.7
ZZ76823		0.21	27.5	570	18.6	10.6	0.002	0.09	1.53	3.7	11.7	0.6	43.3	<0.01	0.12	1.1
ZZ76824		0.43	26.4	430	10.9	13.4	<0.001	0.09	1.09	2.1	3.1	0.5	56.9	<0.01	0.10	0.9
ZZ76825		0.69	19.1	370	14.5	10.2	<0.001	0.05	0.73	1.8	2.1	0.8	25.1	<0.01	0.06	1.2
ZZ76826		0.75	46.6	700	18.8	15.7	<0.001	0.10	1.64	3.7	5.0	0.7	40.6	<0.01	0.11	2.6
ZZ76827		0.18	85.6	2510	10.8	7.3	0.008	0.14	3.75	2.4	19.2	0.5	146.5	<0.01	0.12	0.6
ZZ76828		0.28	127.5	3370	10.0	11.4	0.007	0.23	3.57	2.4	15.2	0.6	194.5	<0.01	0.11	0.4
ZZ76829		0.06	37.4	4940	11.0	10.6	0.012	0.20	1.36	1.7	10.8	0.3	228	<0.01	0.19	1.2
ZZ76830		0.76	11.7	1130	19.7	29.8	<0.001	0.85	7.11	3.0	10.2	0.9	98.2	<0.01	0.26	4.9
ZZ76831		0.65	23.6	1130	22.2	25.4	0.001	0.91	6.05	3.0	6.3	0.8	71.3	<0.01	0.20	5.6
ZZ76832		0.29	35.3	830	18.5	14.9	0.001	0.07	3.17	2.1	3.0	0.5	14.2	<0.01	0.12	1.7
ZZ76833		0.36	28.1	940	20.0	17.7	0.001	0.09	2.79	1.5	3.0	0.5	17.6	<0.01	0.12	1.1
ZZ76834		0.78	29.4	740	16.0	14.0	0.001	0.09	2.58	2.1	2.3	0.6	28.6	<0.01	0.12	1.9
ZZ76835		0.86	21.0	550	14.0	13.1	0.001	0.05	1.33	2.2	1.6	0.6	13.5	<0.01	0.07	1.8
ZZ76836		0.23	29.7	860	20.1	13.7	0.001	0.19	2.47	2.1	2.7	0.4	40.5	<0.01	0.10	1.6
ZZ76837		0.34	28.1	950	22.9	17.6	0.001	0.16	2.03	2.4	2.7	0.5	36.4	<0.01	0.08	1.9
ZZ76838		0.24	33.1	1080	20.9	16.9	0.001	0.19	1.84	2.7	2.4	0.5	35.0	<0.01	0.08	1.5
ZZ76839		0.34	27.1	1530	15.9	22.1	0.001	0.11	1.43	2.0	2.2	0.6	21.0	<0.01	0.07	0.6
ZZ76840		0.77	164.5	690	18.4	13.6	0.001	0.09	11.75	3.3	9.2	0.9	26.1	<0.01	0.20	1.8

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Finalized Date: 2- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76801		0.005	0.34	3.20	180	0.07	14.60	397	1.8
ZZ76802		<0.005	0.26	3.35	58	0.14	7.36	139	2.1
ZZ76803		<0.005	0.21	4.64	46	0.06	12.35	134	2.9
ZZ76804		<0.005	0.19	1.03	47	0.05	11.30	139	2.4
ZZ76805		0.006	0.23	0.74	55	0.06	5.05	170	2.1
ZZ76806		<0.005	0.48	1.82	44	<0.05	12.90	628	2.0
ZZ76807		0.008	0.25	0.91	39	0.16	4.63	56	0.8
ZZ76808		0.005	0.40	0.93	32	0.11	9.48	87	1.6
ZZ76809		0.008	0.26	1.16	58	0.12	16.25	176	2.5
ZZ76810		0.006	0.15	2.02	49	0.16	9.24	135	1.5
ZZ76811		0.008	0.38	0.63	86	0.14	18.50	154	3.9
ZZ76812		0.014	0.26	1.46	64	0.16	5.88	161	1.5
ZZ76813		0.005	0.43	1.64	31	0.16	9.11	131	1.2
ZZ76814		0.005	0.61	1.50	43	0.16	11.65	152	2.3
ZZ76815		0.017	0.34	1.52	61	0.21	11.95	137	2.2
ZZ76816		0.015	1.30	1.38	63	0.29	18.20	404	1.7
ZZ76817		0.008	0.98	2.19	84	0.34	12.40	305	2.4
ZZ76818		<0.005	0.74	1.11	59	0.68	7.52	242	0.8
ZZ76819		0.010	2.39	0.70	84	0.45	3.71	107	<0.5
ZZ76820		0.009	3.69	0.87	100	0.36	3.95	130	1.6
ZZ76821		0.011	1.62	0.62	67	0.18	3.11	54	<0.5
ZZ76822		0.011	1.66	0.58	59	0.18	3.48	86	<0.5
ZZ76823		0.005	0.69	0.84	59	0.14	4.32	107	0.9
ZZ76824		0.008	0.32	0.72	58	0.09	3.32	100	<0.5
ZZ76825		0.016	0.27	0.60	71	0.17	2.79	68	<0.5
ZZ76826		0.012	0.57	0.97	88	0.16	4.41	184	1.5
ZZ76827		<0.005	0.40	8.38	160	0.23	28.1	333	1.2
ZZ76828		0.005	0.62	11.60	178	0.30	44.2	549	1.1
ZZ76829		<0.005	0.30	6.21	96	0.05	9.04	100	0.5
ZZ76830		0.021	1.53	1.56	171	0.13	3.95	64	0.7
ZZ76831		0.014	0.94	0.91	90	0.10	3.97	167	1.4
ZZ76832		0.007	0.30	1.07	48	0.07	4.34	225	<0.5
ZZ76833		0.010	0.35	1.19	43	0.10	4.16	154	0.5
ZZ76834		0.016	0.32	0.78	64	0.14	3.62	153	0.5
ZZ76835		0.024	0.21	0.85	56	0.22	4.19	103	<0.5
ZZ76836		0.007	0.36	1.29	33	0.07	7.45	177	<0.5
ZZ76837		0.008	0.48	1.25	42	0.10	7.88	161	0.5
ZZ76838		0.005	0.65	1.11	48	0.08	8.23	158	0.7
ZZ76839		0.006	0.63	1.33	59	0.13	7.28	142	0.6
ZZ76840		0.012	4.37	4.58	493	0.37	10.80	657	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115531

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- JUL- 2013
Account: RCM

CERTIFICATE WH13115532

Project: Nadaleen
P.O. No.: SO- 02
This report is for 192 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22- JUN- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76079		0.15	0.002	0.68	0.64	32.7	<0.2	10	150	0.79	0.19	1.24	3.33	14.65	11.3	11
ZZ76080		0.13	0.010	0.65	0.76	30.1	<0.2	10	130	0.75	0.18	1.97	2.52	13.80	8.0	12
ZZ76081		0.07	0.008	0.48	0.77	23.2	<0.2	10	150	0.73	0.17	1.89	1.73	13.45	8.7	12
ZZ76082		0.14	0.002	0.33	1.35	33.1	<0.2	<10	540	0.69	0.30	0.39	1.22	16.45	19.8	26
ZZ76083		0.19	0.002	0.10	1.68	37.4	<0.2	<10	130	0.68	0.32	0.09	0.59	17.70	14.1	28
ZZ76084		0.50	0.003	0.73	0.65	34.2	<0.2	<10	1010	0.61	0.24	0.07	1.67	12.25	7.8	15
ZZ76085		0.43	0.003	0.26	0.61	25.1	<0.2	<10	170	0.31	0.31	0.01	0.44	8.80	7.2	10
ZZ76086		0.09	0.010	1.12	0.68	21.8	<0.2	<10	400	0.22	0.20	0.63	0.25	8.27	2.6	14
ZZ76087		0.41	0.008	0.82	0.41	27.3	<0.2	<10	540	0.62	0.24	0.22	1.20	12.40	8.9	9
ZZ76088		0.40	0.006	0.91	0.84	60.5	<0.2	<10	670	0.77	0.23	0.06	1.17	16.20	7.0	18
ZZ76089		0.27	0.008	0.82	1.86	25.2	<0.2	<10	660	1.18	0.25	0.12	0.60	32.4	11.2	29
ZZ76090		0.32	0.002	1.21	0.61	57.0	<0.2	<10	390	0.29	0.25	0.01	0.40	5.14	5.7	39
ZZ76091		0.48	0.005	4.18	0.62	162.5	<0.2	<10	350	0.32	0.38	0.05	0.36	10.80	1.9	20
ZZ76092		0.34	0.002	0.36	0.80	23.6	<0.2	<10	270	0.26	0.24	0.03	0.44	17.60	5.2	26
ZZ76093		0.40	0.001	0.31	0.53	16.0	<0.2	<10	150	0.10	0.30	0.04	0.31	23.3	1.8	14
ZZ76094		0.14	0.015	5.99	0.57	29.0	<0.2	<10	1160	0.57	0.15	0.65	0.91	7.65	2.5	26
ZZ76095		0.13	0.003	0.40	0.55	49.4	<0.2	<10	910	0.43	0.16	0.47	1.44	3.64	6.3	25
ZZ76096		0.10	0.003	3.16	0.78	4.1	<0.2	<10	1450	0.42	0.13	1.26	0.70	8.29	1.5	10
ZZ76097		0.34	0.005	0.68	0.73	22.4	<0.2	<10	1240	0.92	0.20	0.24	0.26	6.73	6.1	24
ZZ76098		0.06	0.006	1.00	0.31	25.7	<0.2	10	660	0.34	0.09	4.09	1.26	2.68	2.3	8
ZZ76099		0.07	0.007	2.50	0.66	46.1	<0.2	10	1300	0.74	0.17	1.74	2.76	7.29	7.1	25
ZZ76100		0.15	0.001	0.50	0.68	14.2	<0.2	<10	150	0.14	0.19	0.03	0.41	15.85	2.9	13
ZZ76101		0.07	0.005	0.61	0.42	18.6	<0.2	10	590	0.41	0.16	1.10	0.26	2.73	5.1	14
ZZ76102		0.11	0.003	1.13	0.72	26.6	<0.2	10	860	0.59	0.19	1.14	0.71	7.58	6.6	20
ZZ76103		0.10	0.005	1.30	0.70	65.3	<0.2	10	810	0.84	0.17	2.34	1.42	7.38	5.4	22
ZZ76104		0.09	0.005	1.11	0.62	43.4	<0.2	10	1220	0.60	0.15	1.25	0.70	5.97	5.0	21
ZZ76105		0.15	0.007	1.20	0.48	63.6	<0.2	10	910	0.57	0.16	1.44	1.47	6.11	5.1	21
ZZ76106		0.11	0.007	1.96	0.53	79.6	<0.2	10	960	0.66	0.16	1.66	2.72	6.46	4.6	27
ZZ76107		0.15	0.004	0.39	1.57	200	<0.2	<10	150	1.17	0.24	4.66	1.63	30.2	7.6	27
ZZ76108		0.21	0.002	0.48	1.54	154.5	<0.2	<10	170	1.67	0.23	3.08	2.17	27.6	8.1	27
ZZ76109		0.27	0.004	0.13	1.52	61.2	<0.2	<10	200	1.11	0.23	0.24	0.55	26.4	12.9	26
ZZ76110		0.22	0.003	0.93	1.30	153.0	<0.2	<10	110	1.65	0.19	8.72	2.77	21.4	6.8	23
ZZ76111		0.21	0.003	0.37	1.41	68.8	<0.2	<10	350	1.15	0.25	1.09	0.46	23.6	12.5	24
ZZ76112		0.25	0.001	0.07	1.25	43.5	<0.2	<10	140	0.47	0.21	0.32	0.69	21.9	5.3	20
ZZ76113		0.18	0.001	0.11	1.30	51.1	<0.2	<10	170	0.42	0.26	0.22	1.10	20.3	5.7	20
ZZ76114		0.15	0.001	0.39	1.64	121.5	<0.2	<10	490	1.24	0.22	1.44	0.75	23.7	7.8	26
ZZ76115		0.23	0.001	0.20	1.60	67.6	<0.2	<10	210	0.80	0.24	1.05	0.82	22.0	8.7	28
ZZ76116		0.14	0.005	0.16	1.46	61.5	<0.2	<10	170	0.63	0.22	0.31	0.77	21.2	6.9	22
ZZ76117		0.19	0.002	0.18	1.49	33.5	<0.2	<10	470	0.94	0.26	0.90	0.49	19.40	11.5	24
ZZ76118		0.12	0.001	0.05	2.07	60.1	<0.2	<10	280	0.67	0.31	0.20	0.78	17.95	9.3	29

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76079		1.20	46.4	2.62	2.07	0.05	0.08	0.15	0.034	0.14	6.3	8.7	0.33	332	9.36	<0.01
ZZ76080		1.40	49.3	2.32	2.37	<0.05	0.08	0.20	0.027	0.12	6.7	11.3	0.62	236	4.61	<0.01
ZZ76081		1.05	44.2	2.16	2.37	<0.05	0.07	0.20	0.026	0.11	6.2	10.5	0.43	399	3.54	0.01
ZZ76082		1.62	31.6	3.44	4.53	<0.05	0.06	0.24	0.041	0.09	7.0	18.9	0.34	1620	4.75	<0.01
ZZ76083		1.48	31.4	4.90	6.18	<0.05	0.04	0.05	0.046	0.07	7.1	22.8	0.32	586	6.81	<0.01
ZZ76084		1.70	61.1	3.38	2.86	<0.05	<0.02	0.09	0.036	0.09	5.4	3.1	0.05	175	8.37	<0.01
ZZ76085		1.63	58.7	2.82	2.96	<0.05	<0.02	0.08	0.035	0.09	2.9	3.3	0.06	134	5.72	<0.01
ZZ76086		3.95	18.7	1.48	2.94	<0.05	<0.02	0.42	0.018	0.09	4.0	9.1	0.29	44	2.77	<0.01
ZZ76087		6.75	87.0	2.17	1.54	0.05	0.02	0.31	0.040	0.12	5.0	6.7	0.10	152	5.01	<0.01
ZZ76088		9.07	70.0	2.85	2.94	0.05	0.02	0.36	0.038	0.10	7.1	9.8	0.15	138	5.59	<0.01
ZZ76089		4.91	142.5	2.70	4.86	0.07	0.10	0.65	0.034	0.09	15.5	16.6	0.41	242	2.52	<0.01
ZZ76090		3.05	35.7	3.50	3.58	<0.05	<0.02	0.07	0.031	0.06	2.9	1.5	0.03	77	10.05	<0.01
ZZ76091		5.32	32.5	4.23	4.21	0.05	<0.02	0.81	0.078	0.33	5.2	1.3	0.03	59	21.0	0.01
ZZ76092		1.49	21.5	2.59	4.87	<0.05	<0.02	0.03	0.019	0.04	9.2	3.3	0.08	109	3.99	<0.01
ZZ76093		1.14	11.1	1.23	6.13	<0.05	<0.02	0.02	0.011	0.04	12.0	1.1	0.04	64	2.67	<0.01
ZZ76094		1.89	130.0	1.60	1.68	0.06	<0.02	2.70	0.054	0.05	3.6	2.9	0.08	23	1.40	<0.01
ZZ76095		0.94	45.6	2.30	1.79	<0.05	0.02	0.10	0.026	0.06	2.2	2.5	0.05	141	6.38	<0.01
ZZ76096		1.79	42.2	1.02	1.89	<0.05	<0.02	0.28	0.023	0.04	3.9	0.9	0.03	16	0.65	<0.01
ZZ76097		1.01	68.2	2.70	1.87	0.05	0.02	0.17	0.037	0.07	3.9	6.6	0.06	74	6.04	<0.01
ZZ76098		0.40	20.7	1.07	0.83	<0.05	0.05	0.24	0.014	0.05	1.5	1.7	0.10	110	1.36	<0.01
ZZ76099		1.09	62.7	2.37	1.82	0.05	0.05	0.61	0.030	0.06	4.3	5.3	0.11	428	5.04	<0.01
ZZ76100		1.03	14.9	1.46	4.73	<0.05	<0.02	0.03	0.014	0.04	7.9	2.4	0.06	47	2.58	<0.01
ZZ76101		0.45	33.8	2.03	1.28	<0.05	0.04	0.19	0.028	0.06	1.4	2.3	0.05	81	3.77	<0.01
ZZ76102		0.69	38.8	2.24	2.16	<0.05	0.04	0.28	0.030	0.06	3.7	7.0	0.14	180	3.72	<0.01
ZZ76103		0.55	60.1	2.06	2.01	<0.05	0.04	0.76	0.028	0.05	4.0	5.8	0.15	225	2.59	<0.01
ZZ76104		1.30	44.0	1.89	1.88	0.05	0.05	0.38	0.024	0.06	3.2	4.7	0.12	114	3.46	<0.01
ZZ76105		1.23	51.0	2.00	1.50	0.06	0.05	0.50	0.030	0.06	3.4	4.2	0.09	181	4.13	<0.01
ZZ76106		1.07	63.0	1.96	1.65	0.05	0.05	0.72	0.029	0.06	3.6	4.1	0.11	154	4.98	<0.01
ZZ76107		1.09	15.2	2.65	4.20	0.05	0.05	1.12	0.031	0.05	16.7	13.5	2.71	445	1.18	0.01
ZZ76108		0.87	20.7	2.56	4.28	<0.05	0.03	0.41	0.027	0.05	13.9	13.6	1.46	762	0.86	0.01
ZZ76109		1.04	27.3	3.26	4.49	<0.05	0.04	0.30	0.035	0.05	12.1	16.7	0.40	466	2.21	<0.01
ZZ76110		0.95	13.6	2.42	3.34	<0.05	0.05	1.08	0.029	0.05	10.8	10.4	4.84	519	1.53	0.01
ZZ76111		0.82	35.7	3.21	4.21	0.05	0.07	0.43	0.035	0.06	12.5	17.3	0.67	424	2.31	<0.01
ZZ76112		0.69	11.2	2.53	4.89	<0.05	0.02	0.14	0.024	0.04	10.4	14.4	0.26	188	1.94	<0.01
ZZ76113		1.55	8.5	2.41	5.47	<0.05	0.02	0.58	0.027	0.04	9.8	13.7	0.21	242	1.89	<0.01
ZZ76114		0.75	14.3	2.87	4.53	<0.05	0.04	0.32	0.031	0.04	9.9	15.1	0.46	297	1.43	<0.01
ZZ76115		0.99	15.9	3.03	5.13	<0.05	0.04	0.15	0.035	0.05	11.3	18.2	0.71	273	2.21	<0.01
ZZ76116		1.22	12.4	2.66	4.84	<0.05	0.03	0.71	0.027	0.04	11.1	14.3	0.26	276	1.88	<0.01
ZZ76117		0.62	24.2	3.06	4.45	<0.05	0.04	0.27	0.031	0.06	9.2	16.6	0.43	659	1.44	<0.01
ZZ76118		0.84	11.2	3.07	7.25	<0.05	0.03	0.20	0.037	0.05	8.6	18.9	0.30	505	1.80	<0.01

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Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76079		0.19	37.7	800	15.0	8.1	0.003	0.06	4.85	4.6	2.3	0.4	45.9	<0.01	0.04	2.1
ZZ76080		0.22	34.5	1090	14.0	10.1	0.003	0.12	3.07	3.7	2.8	0.4	97.4	<0.01	0.04	1.3
ZZ76081		0.22	27.8	1010	12.9	9.0	0.002	0.12	2.66	2.7	2.5	0.4	95.9	<0.01	0.05	0.9
ZZ76082		0.40	35.6	880	23.1	12.1	0.001	0.05	1.50	4.3	1.4	0.6	21.1	<0.01	0.08	1.8
ZZ76083		0.81	36.2	830	26.9	12.4	<0.001	0.03	1.85	3.3	1.7	0.7	11.1	<0.01	0.10	2.6
ZZ76084		0.19	65.1	1430	18.1	10.1	0.001	0.09	4.24	2.5	4.0	0.6	45.3	<0.01	0.09	1.1
ZZ76085		0.28	34.2	770	19.7	12.4	0.001	0.05	2.35	2.1	2.1	0.5	12.1	<0.01	0.10	1.1
ZZ76086		0.28	13.9	630	12.8	13.9	0.001	0.10	1.06	1.9	3.9	0.5	40.3	<0.01	0.04	1.1
ZZ76087		0.11	46.7	800	18.3	14.3	0.003	0.04	2.99	4.0	3.8	0.4	39.1	<0.01	0.10	3.7
ZZ76088		0.26	42.1	880	16.6	13.6	0.001	0.10	2.26	3.9	3.5	0.5	40.9	<0.01	0.09	2.3
ZZ76089		0.65	43.9	740	15.0	14.6	0.001	0.01	1.64	8.4	2.2	0.6	21.0	<0.01	0.05	5.3
ZZ76090		0.33	87.6	890	16.6	11.4	0.001	0.05	1.81	3.0	7.7	0.6	28.7	<0.01	0.12	0.8
ZZ76091		0.39	18.8	1490	35.2	24.6	0.001	0.68	9.07	1.3	9.1	1.1	119.5	<0.01	0.29	0.7
ZZ76092		0.88	55.6	390	9.4	9.2	<0.001	0.01	1.06	1.8	4.1	0.8	14.9	<0.01	0.05	1.8
ZZ76093		0.44	12.1	320	9.6	5.7	<0.001	0.01	0.63	0.5	0.9	0.9	13.6	<0.01	0.04	<0.2
ZZ76094		0.27	65.6	1460	6.4	7.2	0.009	0.15	1.62	5.1	11.6	0.4	70.9	<0.01	0.05	0.2
ZZ76095		0.12	69.4	980	9.3	7.9	0.002	0.05	1.06	3.1	4.9	0.4	96.3	<0.01	0.06	0.6
ZZ76096		0.20	29.9	840	10.4	4.5	0.002	0.12	0.32	2.4	4.4	0.3	107.5	<0.01	0.04	<0.2
ZZ76097		0.07	83.6	500	10.3	6.7	0.001	0.01	0.99	6.0	4.3	0.4	37.9	<0.01	0.09	1.4
ZZ76098		0.08	25.0	690	6.1	3.2	0.021	0.28	0.80	1.3	9.1	0.2	227	<0.01	0.04	0.2
ZZ76099		0.17	91.1	1530	12.6	7.4	0.018	0.12	1.96	4.7	8.8	0.4	145.0	<0.01	0.09	0.6
ZZ76100		0.37	16.8	240	8.1	8.4	<0.001	0.01	0.64	1.5	1.1	0.6	8.6	<0.01	0.05	1.2
ZZ76101		0.09	57.0	610	7.7	5.6	0.012	0.06	1.06	3.9	5.8	0.3	73.6	<0.01	0.08	0.8
ZZ76102		0.21	56.2	770	10.4	6.7	0.010	0.06	0.93	4.9	6.3	0.4	92.1	<0.01	0.06	1.2
ZZ76103		0.20	70.3	900	15.4	5.2	0.011	0.09	1.14	3.8	5.9	0.4	142.5	<0.01	0.06	0.4
ZZ76104		0.13	47.8	1020	10.2	7.5	0.022	0.08	1.18	3.9	10.6	0.4	107.0	<0.01	0.06	0.9
ZZ76105		0.13	61.3	930	15.2	7.0	0.026	0.10	1.30	4.2	14.6	0.4	126.0	<0.01	0.06	0.8
ZZ76106		0.13	67.1	1080	20.1	5.7	0.030	0.11	1.81	4.2	10.4	0.4	114.5	<0.01	0.08	0.7
ZZ76107		0.80	27.9	640	55.3	11.0	<0.001	0.03	1.00	3.8	0.9	0.5	32.2	<0.01	0.03	2.0
ZZ76108		0.70	23.8	850	54.4	7.5	<0.001	0.05	0.78	2.6	1.0	0.5	28.1	<0.01	0.02	1.1
ZZ76109		0.44	39.6	180	33.2	11.8	<0.001	0.01	0.89	5.9	1.1	0.5	11.5	<0.01	0.05	4.4
ZZ76110		0.38	24.3	720	223	13.2	<0.001	0.03	3.02	3.3	0.9	0.4	54.6	<0.01	0.03	1.4
ZZ76111		0.57	46.5	380	36.5	9.3	<0.001	0.01	1.14	5.6	1.6	0.5	20.4	<0.01	0.06	3.6
ZZ76112		0.89	18.1	160	22.8	7.2	<0.001	<0.01	0.65	2.9	0.4	0.6	9.8	<0.01	0.03	2.9
ZZ76113		1.06	14.6	230	40.6	13.4	<0.001	0.01	0.58	2.3	0.3	0.7	9.3	<0.01	0.04	2.7
ZZ76114		0.80	19.7	640	63.1	8.2	<0.001	0.05	1.24	2.8	0.7	0.5	22.4	<0.01	0.03	1.2
ZZ76115		0.92	29.9	290	28.7	13.7	<0.001	0.01	0.97	4.1	0.8	0.6	16.6	<0.01	0.04	2.8
ZZ76116		0.88	21.6	390	29.1	11.3	<0.001	0.02	0.67	3.2	0.6	0.6	10.1	<0.01	0.04	2.2
ZZ76117		0.53	31.1	670	20.5	9.8	<0.001	0.03	0.61	3.7	1.1	0.5	19.1	<0.01	0.04	2.0
ZZ76118		0.86	20.4	370	57.8	6.9	<0.001	0.01	0.73	3.2	0.5	0.8	12.9	<0.01	0.04	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76079		<0.005	0.31	1.63	41	<0.05	10.45	324	2.8
ZZ76080		<0.005	0.40	1.74	34	<0.05	10.30	353	2.6
ZZ76081		<0.005	0.26	2.77	32	0.05	9.43	192	2.3
ZZ76082		0.007	0.41	1.54	91	0.14	7.93	217	1.5
ZZ76083		0.010	0.43	0.84	115	0.15	3.85	174	1.5
ZZ76084		<0.005	0.50	1.80	122	0.11	9.44	410	0.5
ZZ76085		<0.005	0.46	0.62	53	0.07	2.47	189	<0.5
ZZ76086		<0.005	0.39	0.75	45	0.07	2.84	63	<0.5
ZZ76087		<0.005	0.41	1.83	40	<0.05	16.15	272	1.1
ZZ76088		0.006	0.54	2.05	54	0.08	13.75	206	0.7
ZZ76089		0.022	0.35	3.60	55	0.19	22.3	154	4.5
ZZ76090		0.006	0.41	1.11	138	0.09	6.02	311	<0.5
ZZ76091		0.010	2.45	0.93	154	0.11	2.63	101	<0.5
ZZ76092		0.023	0.21	0.66	101	0.18	5.51	222	<0.5
ZZ76093		0.022	0.10	0.55	65	0.18	2.15	55	<0.5
ZZ76094		0.005	0.73	7.97	19	0.05	22.7	100	<0.5
ZZ76095		<0.005	0.17	1.80	63	0.06	10.80	333	0.6
ZZ76096		0.008	0.10	3.12	15	<0.05	27.7	27	<0.5
ZZ76097		<0.005	0.16	2.32	45	<0.05	32.4	216	0.8
ZZ76098		<0.005	0.10	2.70	22	<0.05	10.20	81	1.8
ZZ76099		<0.005	0.34	5.11	65	0.06	29.1	269	2.0
ZZ76100		0.009	0.13	0.42	57	0.11	2.09	59	<0.5
ZZ76101		<0.005	0.07	1.16	37	<0.05	9.02	170	1.4
ZZ76102		<0.005	0.10	2.58	46	0.09	14.40	172	1.5
ZZ76103		<0.005	0.13	3.61	45	0.06	21.2	215	1.7
ZZ76104		<0.005	0.22	3.75	49	0.05	17.25	150	1.8
ZZ76105		<0.005	0.21	3.90	46	0.08	19.35	202	1.7
ZZ76106		<0.005	0.25	5.35	57	0.07	22.5	234	2.1
ZZ76107		0.022	0.59	1.59	53	0.29	16.90	184	1.3
ZZ76108		0.018	0.25	2.48	59	0.32	11.25	162	1.0
ZZ76109		0.007	0.25	1.57	57	0.12	10.65	137	1.7
ZZ76110		0.006	0.71	2.51	57	0.26	11.75	315	1.5
ZZ76111		0.008	0.25	1.22	56	0.15	15.80	153	2.5
ZZ76112		0.014	0.26	0.58	69	0.18	4.37	110	0.8
ZZ76113		0.014	0.31	0.78	71	0.26	2.73	207	0.9
ZZ76114		0.010	0.19	3.50	55	0.23	6.33	113	1.1
ZZ76115		0.011	0.29	1.16	80	0.22	8.44	186	1.3
ZZ76116		0.011	0.36	0.96	62	0.18	6.78	124	0.8
ZZ76117		0.007	0.12	2.27	47	0.12	9.25	108	1.2
ZZ76118		0.010	0.37	0.83	84	0.24	2.87	196	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76119		0.22	0.003	0.32	1.53	56.1	<0.2	<10	440	0.77	0.26	0.56	0.40	25.2	9.3	26
ZZ76120		0.19	0.003	0.27	1.78	158.0	<0.2	<10	640	0.94	0.27	0.91	1.47	26.2	10.6	29
ZZ76121		0.22	0.005	1.07	1.54	361	<0.2	<10	210	1.08	0.20	5.89	2.36	26.9	8.1	25
ZZ76122		0.18	0.001	0.17	2.04	126.0	<0.2	<10	220	0.88	0.28	0.32	0.83	30.7	9.9	30
ZZ76123		0.17	0.001	0.28	2.09	151.0	<0.2	<10	210	0.96	0.28	0.71	1.07	31.6	12.4	33
ZZ76124		0.21	0.002	0.59	1.56	183.5	<0.2	<10	180	1.18	0.23	5.14	2.18	30.0	9.7	25
ZZ76125		0.20	0.003	0.62	1.58	243	<0.2	<10	170	1.22	0.26	5.62	1.34	33.6	9.7	28
ZZ76126		0.20	0.007	0.71	1.78	318	<0.2	<10	190	1.38	0.28	1.65	1.61	28.7	10.7	30
ZZ76127		0.19	0.010	0.92	1.33	135.5	<0.2	<10	350	0.65	0.23	3.53	2.06	28.7	9.6	24
ZZ76128		0.05	0.008	1.57	0.47	25.8	<0.2	<10	640	0.27	0.09	2.17	1.27	5.59	1.5	8
ZZ76129		0.11	0.005	1.70	0.43	27.1	<0.2	<10	1080	0.32	0.13	0.81	3.52	4.98	1.2	20
ZZ76130		0.13	0.003	0.61	0.48	49.3	<0.2	<10	240	0.27	0.14	0.12	0.59	4.67	3.1	24
ZZ76131		0.09	0.009	3.59	1.28	85.9	<0.2	<10	840	1.54	0.13	0.48	2.74	11.25	9.8	29
ZZ76132		0.06	0.022	1.92	0.56	16.6	<0.2	<10	1430	0.58	0.10	0.56	3.73	6.75	1.7	11
ZZ76133		0.36	0.005	1.40	1.60	66.6	<0.2	<10	510	0.78	0.29	0.04	0.50	17.60	9.2	28
ZZ76134		0.20	0.004	0.71	0.95	123.5	<0.2	<10	1220	0.32	0.33	0.16	4.03	20.7	5.3	20
ZZ76135		0.33	0.004	2.15	1.92	38.6	<0.2	<10	590	0.63	0.36	0.04	1.10	21.9	6.2	29
ZZ76136		0.15	0.004	0.25	0.37	7.7	<0.2	<10	1700	0.15	0.16	0.06	2.81	26.6	1.0	12
ZZ76137		0.26	0.002	0.16	0.65	10.2	<0.2	<10	130	0.11	0.30	0.03	0.15	22.3	2.3	11
ZZ76138		0.42	0.003	0.44	0.83	11.2	<0.2	<10	270	0.26	0.29	0.01	0.38	8.69	4.3	14
ZZ76139		0.45	0.002	0.24	0.62	17.0	<0.2	<10	150	0.18	0.33	0.03	0.28	18.05	5.0	13
ZZ76140		0.36	0.004	1.03	1.33	20.6	<0.2	<10	250	0.36	0.30	0.05	0.35	23.0	3.8	20
ZZ76141		0.31	0.008	2.14	0.81	24.9	<0.2	<10	1190	0.56	0.24	0.24	1.07	12.95	4.9	21
ZZ76142		0.06	0.002	1.04	0.59	11.2	<0.2	<10	390	0.27	0.18	0.19	0.98	10.45	3.4	12
ZZ76143		0.18	0.006	0.89	0.94	16.6	<0.2	<10	600	0.61	0.25	0.51	1.33	10.65	5.8	15
ZZ76144		0.16	0.006	0.86	0.90	23.3	<0.2	<10	650	0.55	0.22	0.39	1.37	12.35	7.2	14
ZZ76145		0.51	0.008	5.51	0.52	131.0	<0.2	<10	510	0.35	0.26	0.04	2.81	9.68	2.8	33
ZZ76146		0.14	0.002	0.53	1.40	20.8	<0.2	<10	600	1.11	0.23	1.15	9.39	19.25	10.2	29
ZZ76147		0.30	0.001	0.04	1.34	31.2	<0.2	<10	230	0.74	0.23	0.23	0.28	15.00	11.5	23
ZZ76148		0.25	0.001	0.03	1.30	29.5	<0.2	<10	170	0.56	0.22	0.12	0.26	13.60	10.2	22
ZZ76149		0.24	0.002	0.10	1.69	31.2	<0.2	<10	210	1.02	0.23	0.19	0.49	28.3	14.2	26
ZZ76150		0.15	0.008	0.76	2.07	204	<0.2	<10	250	1.73	0.26	1.41	0.93	32.5	14.5	35
ZZ76151		0.17	0.001	0.57	1.74	114.0	<0.2	<10	170	1.48	0.27	2.29	5.08	34.5	9.7	32
ZZ76152		0.19	0.002	0.31	1.92	232	<0.2	<10	340	1.11	0.30	0.59	1.26	22.8	13.0	32
ZZ76153		0.08	0.001	0.20	1.74	150.5	<0.2	<10	180	1.11	0.28	1.04	2.02	23.2	10.5	26
ZZ76154		0.15	0.002	0.87	1.28	153	<0.2	<10	140	1.30	0.16	10.60	1.63	24.0	7.0	20
ZZ76155		0.27	0.005	1.01	1.07	265	<0.2	<10	160	1.31	0.16	11.00	1.21	16.00	11.2	19
ZZ76156		0.20	0.003	0.86	1.46	137.5	<0.2	<10	140	1.35	0.21	6.15	2.01	25.0	9.9	25
ZZ76157		0.28	0.004	0.66	1.04	144	<0.2	<10	100	1.12	0.15	10.65	1.20	20.9	7.4	17
ZZ76158		0.17	0.002	0.44	1.60	226	<0.2	<10	190	1.17	0.26	1.12	2.17	24.8	8.8	28

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Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76119		1.42	19.5	2.76	5.05	<0.05	0.03	0.20	0.032	0.06	12.1	15.5	0.39	370	1.48	<0.01
ZZ76120		1.51	21.3	2.84	5.49	<0.05	0.04	0.35	0.031	0.06	13.5	15.8	0.53	586	1.17	<0.01
ZZ76121		1.39	13.0	2.61	3.59	<0.05	0.04	7.43	0.029	0.05	12.7	12.3	3.48	419	1.65	<0.01
ZZ76122		1.67	10.7	2.97	6.26	<0.05	0.03	0.28	0.035	0.05	14.2	16.0	0.44	396	0.98	<0.01
ZZ76123		1.89	13.4	3.14	6.88	0.05	0.05	0.73	0.040	0.06	13.7	25.3	0.80	752	1.59	<0.01
ZZ76124		1.28	13.9	2.58	4.44	<0.05	0.04	1.37	0.032	0.06	13.0	12.0	2.97	869	1.50	0.01
ZZ76125		1.33	15.5	2.84	4.55	<0.05	0.06	3.03	0.038	0.08	16.3	13.6	3.34	490	1.72	0.01
ZZ76126		1.47	21.5	3.24	5.37	<0.05	0.06	24.5	0.038	0.07	14.8	17.1	1.03	504	2.11	<0.01
ZZ76127		1.22	20.7	2.68	3.84	<0.05	0.03	2.72	0.029	0.06	13.7	14.4	1.41	302	15.60	0.01
ZZ76128		1.40	28.0	0.91	1.47	<0.05	0.02	0.32	0.015	0.04	2.8	1.3	0.08	28	1.25	<0.01
ZZ76129		1.50	35.8	0.91	1.79	<0.05	0.03	0.83	0.021	0.06	3.1	1.9	0.04	10	2.92	<0.01
ZZ76130		1.77	40.0	2.08	1.88	<0.05	0.02	0.23	0.023	0.05	2.7	1.2	0.02	32	13.15	<0.01
ZZ76131		4.70	170.5	2.68	1.56	0.08	0.02	0.71	0.050	0.06	5.8	4.5	0.10	155	10.80	<0.01
ZZ76132		9.49	124.0	1.26	1.70	0.09	0.02	0.68	0.025	0.09	2.9	1.5	0.04	9	4.40	<0.01
ZZ76133		6.57	60.1	4.34	4.85	<0.05	0.02	0.16	0.056	0.22	8.3	19.8	0.31	263	7.69	<0.01
ZZ76134		3.18	64.8	2.58	5.19	<0.05	<0.02	0.07	0.028	0.11	10.2	9.8	0.21	358	6.90	<0.01
ZZ76135		2.72	26.8	4.42	7.91	<0.05	0.03	0.12	0.042	0.09	11.0	15.6	0.20	321	4.32	<0.01
ZZ76136		1.46	24.2	0.55	3.56	<0.05	<0.02	0.04	0.009	0.05	13.2	1.1	0.03	37	1.53	<0.01
ZZ76137		1.29	16.2	1.46	4.53	<0.05	<0.02	0.02	0.014	0.06	11.4	2.6	0.07	80	2.43	<0.01
ZZ76138		2.27	50.7	1.74	4.08	<0.05	<0.02	0.04	0.030	0.11	4.2	3.1	0.06	57	3.71	<0.01
ZZ76139		2.80	32.7	2.16	4.16	<0.05	<0.02	0.02	0.026	0.09	8.9	4.0	0.10	139	3.42	<0.01
ZZ76140		3.45	21.9	2.43	6.21	<0.05	0.02	0.10	0.028	0.07	11.6	17.4	0.16	119	2.69	<0.01
ZZ76141		3.41	43.6	2.43	2.67	0.05	<0.02	0.38	0.040	0.10	6.4	7.0	0.15	88	4.34	<0.01
ZZ76142		1.80	22.5	1.25	2.58	<0.05	<0.02	0.23	0.016	0.08	4.6	7.1	0.13	127	2.33	<0.01
ZZ76143		1.52	30.1	2.26	3.19	<0.05	0.03	0.26	0.030	0.10	4.6	8.6	0.21	328	3.53	<0.01
ZZ76144		1.91	33.6	2.51	2.88	<0.05	0.03	0.31	0.031	0.08	5.2	9.5	0.19	268	4.06	<0.01
ZZ76145		5.27	53.1	3.15	4.46	0.11	<0.02	0.29	0.071	0.16	4.7	1.1	0.02	21	62.7	0.01
ZZ76146		1.13	47.2	2.87	4.39	<0.05	0.05	0.20	0.032	0.06	10.9	21.4	0.29	376	8.82	<0.01
ZZ76147		0.62	20.4	3.21	4.17	<0.05	0.04	0.09	0.030	0.05	6.6	18.9	0.36	298	1.91	<0.01
ZZ76148		0.71	19.7	2.98	4.07	<0.05	0.02	0.05	0.027	0.04	6.1	19.3	0.34	242	1.79	<0.01
ZZ76149		0.99	20.1	3.17	4.53	<0.05	0.05	0.07	0.035	0.05	9.7	20.2	0.34	344	1.89	<0.01
ZZ76150		1.28	25.8	3.75	5.06	0.05	0.10	4.12	0.040	0.08	16.4	21.2	0.85	455	2.49	<0.01
ZZ76151		1.05	17.9	2.98	4.50	0.05	0.05	0.84	0.039	0.05	18.1	14.0	0.98	680	1.55	<0.01
ZZ76152		1.14	17.1	3.52	6.02	<0.05	0.06	2.05	0.038	0.08	10.1	20.9	0.50	329	1.96	<0.01
ZZ76153		1.46	13.9	2.84	5.92	<0.05	0.04	0.47	0.037	0.05	11.4	14.5	0.44	661	1.33	<0.01
ZZ76154		0.91	10.1	2.04	2.80	<0.05	0.04	0.55	0.026	0.04	12.8	8.1	5.83	500	1.27	0.01
ZZ76155		0.99	23.0	2.41	2.89	<0.05	0.09	2.22	0.024	0.09	7.7	17.3	5.85	424	1.88	0.01
ZZ76156		1.11	14.7	2.67	3.80	0.05	0.05	0.60	0.032	0.06	13.2	11.0	3.35	575	1.78	0.01
ZZ76157		0.88	11.2	1.90	2.78	<0.05	0.03	0.92	0.022	0.05	10.5	8.9	5.73	584	1.41	0.01
ZZ76158		1.18	14.4	3.03	4.89	<0.05	0.03	1.15	0.034	0.05	11.5	11.9	0.40	673	1.87	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76119		0.76	27.3	520	24.5	11.4	<0.001	0.02	0.69	3.7	0.9	0.6	17.6	<0.01	0.04	3.0
ZZ76120		0.77	26.7	710	29.5	12.6	<0.001	0.03	0.66	3.6	0.8	0.6	20.9	<0.01	0.03	1.4
ZZ76121		0.58	32.0	740	201	12.6	<0.001	0.03	1.71	3.6	0.9	0.4	41.6	<0.01	0.03	1.7
ZZ76122		1.18	24.7	290	27.8	14.2	<0.001	0.01	0.53	4.2	0.7	0.7	12.9	<0.01	0.03	3.1
ZZ76123		1.01	30.1	290	53.5	15.7	<0.001	0.01	0.93	4.0	0.6	0.8	14.5	<0.01	0.04	3.5
ZZ76124		0.80	28.0	420	69.6	10.9	<0.001	0.03	1.44	3.9	1.0	0.5	33.6	<0.01	0.04	1.9
ZZ76125		0.84	38.9	430	73.5	13.3	<0.001	0.02	1.89	5.2	1.2	0.6	34.9	<0.01	0.04	3.1
ZZ76126		0.72	53.8	480	129.5	10.9	<0.001	0.03	1.98	5.0	1.4	0.6	19.0	<0.01	0.03	2.2
ZZ76127		0.89	52.7	710	104.0	8.9	0.001	0.03	2.04	3.4	1.4	0.5	29.9	<0.01	0.03	2.0
ZZ76128		0.22	35.8	800	6.9	5.5	0.007	0.14	0.92	1.9	4.5	0.3	137.0	<0.01	0.03	0.3
ZZ76129		0.13	43.4	890	10.3	10.2	0.012	0.09	1.26	2.2	8.1	0.4	81.5	<0.01	0.06	0.4
ZZ76130		0.17	63.0	790	9.1	7.4	0.004	0.05	1.32	2.2	6.7	0.4	26.4	<0.01	0.07	0.6
ZZ76131		0.18	163.0	2630	70.5	8.3	0.007	0.20	3.83	1.6	14.0	0.3	105.5	<0.01	0.06	<0.2
ZZ76132		0.15	103.0	1320	16.0	8.8	0.008	0.31	2.14	4.6	15.0	0.3	82.2	<0.01	0.05	0.4
ZZ76133		0.67	39.3	870	20.9	21.1	<0.001	0.38	3.09	3.5	4.5	0.7	75.8	<0.01	0.13	2.9
ZZ76134		0.61	39.9	620	24.3	22.3	<0.001	0.10	3.33	2.0	2.4	0.8	47.6	<0.01	0.06	0.3
ZZ76135		1.62	15.6	780	19.2	14.4	<0.001	0.10	1.95	3.0	1.9	1.1	22.8	<0.01	0.10	3.6
ZZ76136		0.25	13.5	240	6.6	6.8	<0.001	0.04	0.48	0.5	1.1	0.6	20.4	<0.01	0.03	0.2
ZZ76137		1.01	10.3	230	11.2	14.8	<0.001	0.01	1.04	1.3	0.7	0.6	8.9	<0.01	0.03	1.9
ZZ76138		0.34	23.3	480	14.2	20.4	<0.001	0.02	1.62	1.7	1.6	0.7	11.5	<0.01	0.08	0.9
ZZ76139		0.88	20.5	370	17.4	17.3	<0.001	0.05	1.72	1.7	1.6	0.6	19.6	<0.01	0.07	1.4
ZZ76140		1.01	14.1	380	15.3	14.9	<0.001	0.02	0.89	2.3	1.8	0.8	16.2	<0.01	0.06	3.2
ZZ76141		0.34	24.8	1530	13.7	10.3	0.002	0.15	1.58	3.1	5.0	0.4	48.0	<0.01	0.11	1.4
ZZ76142		0.30	12.4	870	8.7	10.8	0.001	0.07	0.83	1.6	2.7	0.4	20.9	<0.01	0.04	0.5
ZZ76143		0.28	15.0	1090	13.4	14.4	0.001	0.07	0.99	2.5	3.4	0.5	27.2	<0.01	0.07	1.4
ZZ76144		0.29	23.1	970	12.6	14.1	0.002	0.09	1.30	2.5	3.1	0.4	27.1	<0.01	0.06	1.4
ZZ76145		0.18	35.8	1880	101.0	9.3	0.006	0.33	38.1	1.3	35.0	0.9	166.0	<0.01	0.36	<0.2
ZZ76146		0.34	91.4	720	14.9	10.4	0.001	0.06	2.19	3.6	2.5	0.5	43.4	<0.01	0.07	1.4
ZZ76147		0.72	26.9	210	19.0	8.3	<0.001	0.01	0.49	2.9	0.8	0.5	9.6	<0.01	0.04	2.9
ZZ76148		0.70	25.9	130	17.4	8.5	<0.001	0.01	0.48	2.6	0.8	0.5	7.4	<0.01	0.04	2.7
ZZ76149		0.85	35.8	360	18.8	11.3	<0.001	0.02	0.51	3.6	1.0	0.5	9.2	<0.01	0.04	3.4
ZZ76150		0.79	45.0	650	79.6	14.7	<0.001	0.04	1.26	6.3	1.8	0.6	18.7	<0.01	0.06	3.7
ZZ76151		0.71	28.7	1100	61.9	12.6	<0.001	0.07	1.19	2.9	1.0	0.6	22.4	<0.01	0.05	1.1
ZZ76152		0.86	34.2	390	48.8	14.4	<0.001	0.02	0.73	4.1	0.9	0.7	15.6	<0.01	0.04	3.0
ZZ76153		1.09	22.8	550	34.9	9.2	<0.001	0.05	0.85	3.0	0.9	0.7	16.9	<0.01	0.04	1.4
ZZ76154		0.51	23.0	770	40.5	8.5	<0.001	0.05	0.97	2.8	1.3	0.4	51.6	<0.01	0.03	0.9
ZZ76155		0.19	35.3	650	79.8	7.4	0.001	0.04	1.95	3.7	1.8	0.3	72.3	<0.01	0.04	1.7
ZZ76156		0.53	26.5	1030	36.9	11.2	0.001	0.07	0.97	3.0	1.2	0.5	37.0	<0.01	0.02	1.1
ZZ76157		0.46	20.6	700	38.7	8.9	<0.001	0.05	0.91	2.4	1.1	0.3	53.2	<0.01	0.03	0.8
ZZ76158		1.05	25.3	420	97.8	9.6	0.001	0.04	1.80	3.5	1.4	0.6	15.9	<0.01	0.03	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76119		0.012	0.21	1.66	58	0.19	7.67	117	1.1
ZZ76120		0.017	0.36	2.86	62	0.21	10.55	157	1.0
ZZ76121		0.012	0.96	2.59	47	0.24	10.40	284	1.2
ZZ76122		0.026	0.32	1.55	63	0.27	5.75	200	1.0
ZZ76123		0.019	0.52	1.16	66	0.25	4.66	248	1.6
ZZ76124		0.018	0.72	1.52	50	0.26	9.02	330	1.1
ZZ76125		0.018	0.90	1.30	51	0.32	11.90	244	1.7
ZZ76126		0.013	2.40	1.39	65	0.30	13.45	311	1.5
ZZ76127		0.023	0.34	3.46	54	0.39	13.00	285	1.0
ZZ76128		0.008	0.22	1.46	18	0.06	9.12	70	0.9
ZZ76129		<0.005	0.56	2.44	31	0.08	9.57	80	0.8
ZZ76130		<0.005	0.20	2.52	59	0.07	6.98	180	0.6
ZZ76131		<0.005	0.53	9.32	50	0.06	58.3	699	<0.5
ZZ76132		<0.005	0.82	2.97	23	<0.05	28.3	106	0.8
ZZ76133		0.014	1.20	1.14	88	0.14	3.94	168	0.7
ZZ76134		0.023	0.53	1.84	83	0.19	7.79	167	<0.5
ZZ76135		0.032	0.64	0.92	103	0.25	2.92	136	1.3
ZZ76136		0.012	0.18	0.68	31	0.06	11.95	38	<0.5
ZZ76137		0.036	0.21	0.42	58	0.14	1.95	67	<0.5
ZZ76138		0.007	0.20	0.47	74	0.06	1.99	147	<0.5
ZZ76139		0.032	0.31	0.57	53	0.14	3.07	119	<0.5
ZZ76140		0.018	0.40	0.77	66	0.19	3.34	62	0.8
ZZ76141		0.008	0.49	2.59	46	0.14	8.87	125	0.5
ZZ76142		0.005	0.30	1.08	34	0.09	5.33	59	<0.5
ZZ76143		<0.005	0.40	1.38	61	0.06	7.20	86	0.7
ZZ76144		<0.005	0.39	1.35	62	0.09	9.35	108	0.8
ZZ76145		<0.005	2.61	3.97	438	0.39	13.45	276	<0.5
ZZ76146		<0.005	0.37	3.58	311	0.10	15.05	572	1.6
ZZ76147		0.008	0.14	0.59	51	0.09	4.01	116	1.5
ZZ76148		0.008	0.13	0.49	47	0.06	2.67	104	1.0
ZZ76149		0.007	0.21	1.28	55	0.12	6.81	129	1.5
ZZ76150		0.006	0.81	1.84	72	0.20	16.45	255	2.4
ZZ76151		0.013	0.37	2.36	64	0.24	25.4	395	1.3
ZZ76152		0.006	0.51	1.48	69	0.18	6.46	234	1.8
ZZ76153		0.022	0.32	2.78	61	0.28	6.14	210	1.1
ZZ76154		0.013	0.42	1.70	43	0.22	11.90	195	1.1
ZZ76155		<0.005	1.17	1.54	36	0.17	11.15	329	2.7
ZZ76156		0.010	0.53	1.16	51	0.22	12.25	231	1.4
ZZ76157		0.015	0.40	1.48	39	0.20	11.40	186	0.9
ZZ76158		0.022	0.46	1.84	70	0.26	8.25	279	1.0

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description / Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76159	0.15	0.004	1.08	0.48	54.3	<0.2	<10	890	0.55	0.15	1.48	1.59	5.94	4.4	23
ZZ76160	0.12	0.005	1.81	0.54	57.2	<0.2	<10	1470	0.49	0.16	1.68	0.82	5.06	4.3	21
ZZ76161	0.18	0.019	0.90	0.39	122.0	<0.2	<10	290	0.19	0.21	0.10	0.63	7.83	2.3	21
ZZ76162	0.19	0.005	1.07	0.57	48.4	<0.2	10	1610	0.64	0.16	0.89	0.79	5.03	6.1	34
ZZ76163	0.08	0.004	1.70	0.54	140.0	<0.2	<10	840	0.55	0.16	0.44	3.42	5.67	5.9	24
ZZ76164	0.10	0.023	4.09	1.26	84.7	<0.2	<10	420	1.21	0.23	0.68	2.20	13.35	8.1	32
ZZ76165	0.23	0.002	0.88	1.17	29.3	<0.2	<10	460	0.33	0.30	0.08	0.90	23.7	5.0	22
ZZ76166	0.25	0.002	0.29	1.72	18.3	<0.2	<10	330	0.58	0.30	0.03	0.52	22.9	11.9	25
ZZ76167	0.24	0.001	0.56	1.06	51.1	<0.2	<10	330	0.26	0.31	0.03	0.64	16.40	7.1	23
ZZ76168	0.25	0.001	0.88	0.86	85.6	<0.2	<10	1600	0.28	0.32	0.06	1.00	14.20	4.0	26
ZZ76169	0.21	0.005	1.05	0.94	22.8	<0.2	<10	720	0.66	0.26	0.06	1.69	20.8	5.0	15
ZZ76170	0.28	0.001	0.41	0.78	20.2	<0.2	<10	180	0.29	0.28	0.02	0.26	10.10	5.2	15
ZZ76171	0.35	0.002	0.50	0.74	19.2	<0.2	<10	540	0.22	0.27	0.02	0.15	17.85	3.3	14
ZZ76172	0.17	0.004	0.35	1.39	19.0	<0.2	<10	640	0.35	0.29	0.15	0.74	20.1	8.3	28
ZZ76173	0.24	0.006	1.18	0.80	25.1	<0.2	<10	850	0.53	0.24	0.11	0.54	14.60	7.1	16
ZZ76174	0.13	0.004	1.21	0.67	10.9	<0.2	<10	330	0.29	0.17	1.06	0.81	9.86	3.0	13
ZZ76175	0.11	0.005	1.01	0.76	18.9	<0.2	<10	420	0.62	0.21	0.74	1.22	14.75	10.8	11
ZZ76176	0.12	0.004	0.51	0.83	33.0	<0.2	<10	500	0.57	0.21	0.47	0.47	12.20	7.8	14
ZZ76177	0.14	0.005	1.09	0.95	35.9	<0.2	<10	710	0.62	0.25	0.53	0.91	13.65	8.7	16
ZZ76178	0.13	0.002	0.12	0.55	13.1	<0.2	<10	110	0.14	0.28	0.05	0.92	20.8	2.3	12
ZZ76179	0.08	0.002	0.65	1.18	22.3	<0.2	<10	300	0.85	0.21	1.70	8.29	17.05	10.3	26
ZZ76180	0.11	0.003	0.71	1.14	16.9	<0.2	<10	300	0.85	0.22	2.10	3.08	17.40	12.4	33
ZZ76181	0.12	0.002	0.25	1.28	15.6	<0.2	<10	290	0.98	0.22	1.85	1.15	22.5	10.0	20
ZZ76182	0.08	0.009	3.25	0.98	56.0	<0.2	10	490	0.76	0.20	2.38	1.76	21.1	6.6	19
ZZ76183	0.10	0.004	1.05	0.88	17.2	<0.2	10	260	0.83	0.21	1.30	2.36	17.30	9.1	12
ZZ76184	0.12	0.002	0.08	1.01	16.7	<0.2	<10	270	0.97	0.19	2.38	0.19	13.70	8.3	15
ZZ76185	0.13	0.002	0.09	1.08	26.9	<0.2	10	290	1.26	0.24	1.90	0.19	22.2	11.3	19
ZZ76186	0.26	0.001	0.04	1.02	15.0	<0.2	<10	140	0.61	0.32	0.17	0.10	14.10	7.9	18
ZZ76187	0.15	0.001	0.06	1.22	11.4	<0.2	<10	120	0.97	0.29	0.78	0.12	17.05	12.8	23
ZZ76188	0.36	0.003	0.27	1.29	44.2	<0.2	<10	400	0.95	0.27	0.62	0.92	20.3	13.5	25
ZZ76189	0.10	0.002	0.26	0.94	21.4	<0.2	<10	740	0.64	0.16	2.83	1.17	13.40	7.8	16
ZZ76190	0.16	0.001	0.06	1.19	34.8	<0.2	<10	260	0.56	0.26	0.68	0.94	15.90	8.4	21
ZZ76191	0.12	0.002	0.18	0.99	53.7	<0.2	<10	420	0.72	0.17	2.80	1.57	12.95	8.3	17
ZZ76192	0.13	0.004	0.38	1.13	123.5	<0.2	<10	360	1.14	0.18	4.86	1.05	16.90	9.4	19
ZZ76193	0.11	0.001	0.29	1.99	61.0	<0.2	<10	240	1.42	0.29	2.79	1.81	24.1	9.9	27
ZZ76194	0.18	0.001	0.28	1.80	282	<0.2	<10	140	1.66	0.26	4.85	1.60	27.1	8.9	27
ZZ76195	0.23	0.004	0.21	1.95	136.5	<0.2	<10	200	1.45	0.28	3.30	1.07	31.5	9.6	31
ZZ76196	0.17	0.002	0.72	1.35	140.0	<0.2	<10	120	1.39	0.18	9.88	1.91	20.2	7.4	20
ZZ76197	0.29	0.006	1.19	1.74	273	<0.2	<10	160	1.87	0.26	4.30	2.35	33.5	9.8	31
ZZ76198	0.19	0.001	0.58	1.84	263	<0.2	<10	170	2.08	0.25	5.22	3.20	35.9	9.4	28

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76159		1.18	39.4	1.64	1.71	0.05	0.04	0.38	0.024	0.05	3.4	3.5	0.06	144	5.99	<0.01
ZZ76160		1.17	45.8	1.77	1.60	0.05	0.04	0.55	0.029	0.04	2.8	3.2	0.09	116	3.54	<0.01
ZZ76161		1.33	28.2	1.40	2.89	<0.05	0.02	0.44	0.025	0.10	4.1	1.7	0.03	29	5.71	<0.01
ZZ76162		0.90	35.5	2.47	1.38	<0.05	0.04	0.18	0.030	0.04	3.0	2.1	0.04	149	5.26	<0.01
ZZ76163		1.20	52.0	2.40	2.08	0.05	0.02	0.51	0.028	0.05	3.2	2.1	0.05	119	12.05	<0.01
ZZ76164		7.67	137.0	5.07	3.35	0.08	0.03	1.19	0.063	0.24	8.4	5.3	0.12	129	26.6	0.01
ZZ76165		3.54	15.0	2.75	6.72	<0.05	<0.02	0.04	0.021	0.08	12.1	13.5	0.27	275	3.13	<0.01
ZZ76166		2.30	30.2	3.34	5.95	<0.05	0.02	0.04	0.027	0.08	10.7	22.4	0.34	424	1.76	<0.01
ZZ76167		3.34	25.8	4.40	6.77	<0.05	<0.02	0.03	0.029	0.12	7.9	10.2	0.20	308	4.15	0.01
ZZ76168		1.57	21.7	3.28	5.95	<0.05	<0.02	0.05	0.023	0.10	7.8	4.2	0.10	159	12.10	<0.01
ZZ76169		3.82	96.3	1.84	3.16	0.06	<0.02	0.20	0.039	0.11	8.8	4.6	0.09	189	3.33	<0.01
ZZ76170		1.80	36.1	2.65	4.14	<0.05	0.02	0.04	0.031	0.10	4.8	4.0	0.07	147	3.38	<0.01
ZZ76171		2.11	24.3	1.59	4.88	<0.05	<0.02	0.05	0.021	0.09	8.9	2.1	0.04	51	3.50	<0.01
ZZ76172		1.94	30.1	2.89	5.40	<0.05	<0.02	0.09	0.027	0.08	9.9	15.6	0.43	299	3.23	0.01
ZZ76173		2.73	56.8	2.12	2.94	<0.05	0.03	0.33	0.038	0.11	6.0	11.7	0.15	122	3.22	0.01
ZZ76174		1.51	22.8	1.25	2.60	<0.05	<0.02	0.30	0.021	0.10	4.3	8.9	0.20	72	1.68	<0.01
ZZ76175		1.62	35.7	2.52	2.43	0.05	0.02	0.29	0.034	0.10	5.5	8.2	0.19	409	3.63	<0.01
ZZ76176		1.19	26.2	2.35	2.83	<0.05	0.03	0.21	0.028	0.09	5.3	9.8	0.22	345	4.42	<0.01
ZZ76177		2.28	31.4	2.03	3.67	<0.05	0.03	0.44	0.033	0.08	6.1	9.2	0.21	330	5.47	<0.01
ZZ76178		1.58	14.2	1.11	6.35	<0.05	<0.02	0.04	0.013	0.05	10.5	2.4	0.06	61	3.55	<0.01
ZZ76179		0.92	47.2	2.83	3.85	0.05	0.05	0.23	0.031	0.08	8.4	16.4	0.40	311	5.14	<0.01
ZZ76180		0.75	53.0	2.57	3.81	<0.05	0.05	0.27	0.031	0.07	9.5	13.9	0.35	480	4.52	<0.01
ZZ76181		1.10	44.6	2.78	3.94	0.07	0.05	0.18	0.032	0.08	11.5	15.8	0.39	339	2.98	<0.01
ZZ76182		2.07	97.7	2.11	3.56	0.07	0.07	0.96	0.030	0.16	11.1	10.2	0.33	172	7.47	<0.01
ZZ76183		0.90	43.1	2.38	3.08	0.05	0.12	0.13	0.033	0.13	7.8	10.5	0.33	309	5.94	<0.01
ZZ76184		0.77	15.8	2.45	2.94	<0.05	0.05	0.15	0.030	0.10	5.7	9.1	0.23	348	0.77	<0.01
ZZ76185		0.98	24.8	3.29	3.23	0.05	0.06	0.29	0.041	0.12	10.7	12.6	0.39	477	0.94	<0.01
ZZ76186		1.69	20.9	2.82	4.98	<0.05	<0.02	0.03	0.027	0.11	6.0	10.4	0.22	286	0.67	<0.01
ZZ76187		2.04	26.9	3.45	4.18	0.05	0.05	0.04	0.033	0.10	7.9	20.1	0.45	792	0.62	<0.01
ZZ76188		0.76	38.3	3.47	4.29	0.05	0.07	0.23	0.036	0.09	9.4	20.4	0.41	367	2.37	<0.01
ZZ76189		0.45	24.7	1.94	2.76	<0.05	0.04	0.26	0.021	0.05	6.3	10.5	0.39	489	0.67	0.01
ZZ76190		0.85	16.0	2.68	4.69	<0.05	0.03	0.10	0.033	0.07	6.6	14.3	0.26	286	2.05	<0.01
ZZ76191		0.50	22.9	2.28	3.04	<0.05	0.03	0.21	0.023	0.05	6.9	10.4	0.61	507	1.59	<0.01
ZZ76192		0.93	34.7	2.38	3.64	<0.05	0.05	2.15	0.027	0.07	8.2	12.3	2.27	462	1.27	0.01
ZZ76193		1.38	14.4	3.03	5.76	<0.05	0.04	0.13	0.036	0.05	13.4	14.2	1.41	865	1.22	0.01
ZZ76194		1.31	10.6	2.90	4.72	<0.05	0.04	0.45	0.032	0.06	12.6	12.7	2.96	716	1.18	0.01
ZZ76195		1.26	14.4	3.01	5.57	0.05	0.06	0.87	0.035	0.06	15.7	12.6	1.91	771	1.31	<0.01
ZZ76196		0.80	11.1	2.01	3.44	<0.05	0.04	1.92	0.022	0.04	9.5	9.6	5.39	542	1.20	0.01
ZZ76197		1.08	13.3	3.00	4.57	0.05	0.03	3.13	0.030	0.06	16.1	13.2	2.42	859	1.78	0.01
ZZ76198		1.20	11.1	3.05	4.65	0.05	0.04	0.99	0.033	0.05	15.7	11.0	3.08	918	2.07	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ76159		0.23	50.6	960	11.7	5.6	0.014	0.13	1.62	2.7	13.2	0.4	104.5	<0.01	0.06	0.4
ZZ76160		0.15	57.7	970	10.8	5.7	0.023	0.13	1.18	3.2	11.5	0.4	136.5	<0.01	0.07	0.4
ZZ76161		0.30	27.1	450	18.2	10.9	0.002	0.07	1.35	1.8	4.3	0.5	48.0	<0.01	0.08	1.4
ZZ76162		0.13	82.7	710	13.3	5.1	0.007	0.07	1.03	4.4	8.3	0.3	98.7	<0.01	0.06	0.5
ZZ76163		0.21	82.2	1950	12.7	5.2	0.009	0.13	2.09	2.3	10.3	0.4	68.6	<0.01	0.07	0.3
ZZ76164		0.20	181.5	3830	19.3	20.3	0.019	0.51	5.00	4.9	16.1	0.7	171.0	<0.01	0.19	0.6
ZZ76165		1.46	11.5	520	12.8	14.5	<0.001	0.03	1.05	1.9	1.1	0.8	16.3	<0.01	0.03	1.3
ZZ76166		0.88	20.9	500	15.9	12.1	<0.001	0.03	0.55	3.0	1.1	0.7	8.7	<0.01	0.06	2.9
ZZ76167		0.95	16.2	970	17.9	16.4	<0.001	0.15	1.37	1.8	1.9	0.7	35.1	<0.01	0.10	0.8
ZZ76168		0.41	27.3	1320	20.2	12.0	<0.001	0.15	1.84	0.5	3.9	0.9	48.9	<0.01	0.11	<0.2
ZZ76169		0.19	25.9	1530	18.4	28.0	0.001	0.11	1.54	0.4	3.6	0.6	23.7	<0.01	0.07	<0.2
ZZ76170		0.70	20.5	490	17.0	14.8	<0.001	0.04	1.62	1.8	1.8	0.7	12.1	<0.01	0.08	2.0
ZZ76171		0.66	14.3	340	14.8	12.6	<0.001	0.09	1.02	1.4	1.6	0.9	20.8	<0.01	0.06	1.5
ZZ76172		0.98	21.3	800	14.4	13.1	<0.001	0.04	1.32	2.3	1.7	0.6	18.4	<0.01	0.05	1.1
ZZ76173		0.33	27.9	990	18.6	17.6	<0.001	0.11	1.53	3.4	3.4	0.5	33.0	<0.01	0.07	1.6
ZZ76174		0.31	16.3	940	9.4	12.5	0.001	0.12	0.77	1.8	2.5	0.4	52.5	<0.01	0.04	0.6
ZZ76175		0.22	21.3	880	14.3	13.7	0.001	0.13	1.23	3.5	5.7	0.4	46.8	<0.01	0.04	1.9
ZZ76176		0.31	20.3	840	13.3	10.0	0.002	0.04	1.26	2.6	2.7	0.5	26.5	<0.01	0.06	2.1
ZZ76177		0.33	21.8	950	16.7	14.0	0.002	0.07	1.36	2.8	2.9	0.6	41.9	<0.01	0.06	1.4
ZZ76178		0.67	10.7	340	10.6	7.9	0.001	0.03	0.94	1.0	1.0	0.8	10.2	<0.01	0.04	0.4
ZZ76179		0.34	95.8	860	12.8	9.1	0.008	0.12	2.17	3.6	4.4	0.4	56.0	<0.01	0.05	0.7
ZZ76180		0.31	74.0	1040	12.4	6.7	0.005	0.13	1.99	3.2	3.4	0.4	71.1	<0.01	0.06	0.6
ZZ76181		0.39	37.2	1090	12.3	10.1	0.003	0.15	1.13	3.4	3.2	0.4	62.4	<0.01	0.04	0.7
ZZ76182		0.35	39.6	5720	19.3	16.0	0.019	0.14	4.70	4.0	7.3	0.6	108.5	<0.01	0.07	1.6
ZZ76183		0.31	30.4	890	14.3	10.3	0.012	0.09	3.44	3.6	4.6	0.5	59.8	<0.01	0.04	1.6
ZZ76184		0.43	17.4	870	12.4	10.0	<0.001	0.13	0.28	2.3	0.7	0.5	111.0	<0.01	0.02	0.8
ZZ76185		0.37	28.1	600	18.7	9.8	<0.001	0.07	0.27	3.6	0.8	0.6	70.2	<0.01	0.02	1.1
ZZ76186		0.44	13.8	310	14.6	13.4	<0.001	0.02	0.23	2.9	0.4	0.7	11.3	<0.01	0.03	2.2
ZZ76187		0.49	22.8	650	18.3	12.1	0.001	0.04	0.34	5.4	0.8	0.6	21.7	<0.01	0.04	2.2
ZZ76188		0.78	41.0	760	22.5	8.3	0.002	0.02	0.78	5.2	1.4	0.5	21.9	<0.01	0.05	3.5
ZZ76189		0.47	22.1	1010	12.9	6.0	0.001	0.11	0.77	1.6	1.7	0.3	41.7	<0.01	0.03	0.5
ZZ76190		0.79	23.1	330	19.1	15.7	<0.001	0.02	0.54	2.6	0.8	0.6	14.3	<0.01	0.05	1.9
ZZ76191		0.56	22.4	580	16.2	7.0	<0.001	0.06	0.79	2.2	1.0	0.4	36.5	<0.01	0.04	0.6
ZZ76192		0.56	34.9	1010	26.5	7.6	<0.001	0.06	1.19	2.5	1.4	0.4	36.9	<0.01	0.03	0.9
ZZ76193		0.89	22.9	780	33.8	9.3	<0.001	0.06	0.90	3.2	0.8	0.7	25.4	<0.01	0.04	1.1
ZZ76194		0.79	20.0	570	50.7	16.8	<0.001	0.04	0.73	3.4	0.8	0.6	26.8	<0.01	0.03	1.5
ZZ76195		0.98	25.9	650	26.0	12.2	<0.001	0.05	0.65	4.2	0.9	0.7	23.7	<0.01	0.03	1.7
ZZ76196		0.59	19.4	860	29.9	8.2	<0.001	0.07	0.69	1.8	0.8	0.4	53.1	<0.01	0.02	0.7
ZZ76197		0.72	28.1	750	101.5	10.9	<0.001	0.07	1.40	3.4	1.1	0.6	29.1	<0.01	0.02	1.0
ZZ76198		0.88	25.1	570	50.0	10.8	0.001	0.05	0.94	4.6	1.2	0.6	26.3	<0.01	0.04	1.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76159		0.006	0.39	2.53	54	0.11	16.05	181	1.5
ZZ76160		<0.005	0.21	4.86	48	0.08	17.65	144	1.5
ZZ76161		0.006	0.62	1.31	61	0.22	3.66	124	0.5
ZZ76162		<0.005	0.10	4.71	70	<0.05	18.40	264	1.7
ZZ76163		<0.005	0.31	3.26	84	0.07	17.35	318	0.7
ZZ76164		<0.005	4.29	9.25	197	0.07	22.5	615	1.0
ZZ76165		0.042	0.27	0.61	77	0.21	2.84	115	<0.5
ZZ76166		0.013	0.21	0.53	65	0.12	2.84	91	0.9
ZZ76167		0.024	0.53	0.54	91	0.17	2.32	102	<0.5
ZZ76168		0.014	1.83	1.05	141	0.20	2.92	120	<0.5
ZZ76169		<0.005	0.70	3.55	46	0.07	24.7	143	<0.5
ZZ76170		0.012	0.25	0.48	75	0.09	2.16	140	0.8
ZZ76171		0.018	0.28	0.58	70	0.12	2.48	84	<0.5
ZZ76172		0.029	0.29	0.92	66	0.32	5.27	122	<0.5
ZZ76173		0.006	0.60	1.64	49	0.08	10.95	146	0.7
ZZ76174		0.005	0.35	1.28	42	0.05	6.03	69	<0.5
ZZ76175		<0.005	0.38	2.05	50	0.05	11.75	116	0.6
ZZ76176		<0.005	0.27	1.35	59	0.08	6.65	120	0.7
ZZ76177		<0.005	0.55	1.68	81	0.08	8.64	122	0.6
ZZ76178		0.016	0.31	0.52	73	0.18	2.05	60	<0.5
ZZ76179		0.006	0.51	5.18	216	0.09	11.00	705	1.9
ZZ76180		0.006	0.22	5.24	191	0.10	14.80	321	1.5
ZZ76181		0.006	0.20	3.99	47	0.08	13.90	178	1.9
ZZ76182		0.005	0.53	5.93	115	0.08	16.75	200	2.6
ZZ76183		<0.005	0.27	2.63	47	<0.05	9.64	208	3.5
ZZ76184		0.005	0.21	1.02	21	0.07	5.93	67	2.5
ZZ76185		<0.005	0.24	0.80	24	0.06	10.60	82	2.5
ZZ76186		0.006	0.15	0.50	32	0.08	3.66	49	0.5
ZZ76187		0.010	0.11	0.85	29	0.14	11.65	70	1.3
ZZ76188		0.009	0.18	1.63	51	0.08	11.80	169	2.5
ZZ76189		0.007	0.10	4.82	33	0.08	7.89	74	1.2
ZZ76190		0.008	0.17	1.05	57	0.12	3.78	208	0.9
ZZ76191		0.007	0.17	1.84	46	0.09	9.10	186	1.0
ZZ76192		0.008	0.53	8.71	45	0.17	10.70	151	1.7
ZZ76193		0.019	0.23	1.30	60	0.16	8.61	295	1.2
ZZ76194		0.015	0.47	1.10	54	0.26	8.11	289	1.3
ZZ76195		0.022	0.44	1.17	62	0.25	10.65	209	1.8
ZZ76196		0.016	0.31	1.39	41	0.33	7.65	274	1.0
ZZ76197		0.018	0.92	1.47	65	0.36	17.55	337	0.9
ZZ76198		0.020	1.04	1.92	61	0.31	14.30	372	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76199		0.27	0.011	0.53	1.52	713	<0.2	<10	210	1.12	0.27	1.19	0.86	31.4	16.2	28
ZZ76200		0.15	0.002	2.26	0.42	8.5	<0.2	<10	200	0.14	0.19	0.05	0.83	6.83	0.5	19
ZZ76201		0.27	0.009	29.3	1.09	164	<0.2	20	1600	1.38	0.17	10.50	205	12.25	16.0	259
ZZ76202		0.08	0.002	1.69	0.34	16.6	<0.2	10	1480	0.34	0.09	2.38	1.83	3.09	2.0	14
ZZ76203		0.28	0.009	1.58	0.94	121.0	<0.2	<10	1690	1.03	0.17	0.36	3.80	4.41	13.7	60
ZZ76204		0.18	0.004	0.99	0.63	44.3	<0.2	10	1490	0.61	0.17	1.07	0.94	5.97	6.1	30
ZZ76205		0.05	0.002	0.45	0.40	6.7	<0.2	10	1050	0.38	0.07	3.98	0.68	3.36	2.4	9
ZZ76206		0.07	0.005	2.02	0.62	24.4	<0.2	10	2130	0.66	0.12	2.64	5.67	5.92	5.2	24
ZZ76207		0.25	0.006	2.28	0.87	44.3	<0.2	<10	1670	0.60	0.21	0.67	2.27	13.10	2.6	28
ZZ76208		0.20	0.010	4.06	1.12	60.0	<0.2	<10	1720	1.11	0.29	0.77	8.36	14.00	4.2	50
ZZ76209		0.12	0.014	3.60	1.01	469	<0.2	10	1470	1.04	0.16	1.93	3.66	9.28	5.4	44
ZZ76210		0.19	0.003	0.88	0.74	30.4	<0.2	10	1230	0.35	0.29	0.14	3.42	8.43	3.2	21
ZZ76211		0.11	0.014	3.39	1.36	106.0	<0.2	<10	420	1.18	0.24	0.07	1.75	15.75	2.5	19
ZZ76212		0.35	0.003	1.65	0.60	47.5	<0.2	<10	560	0.19	0.35	0.02	0.27	17.15	2.4	18
ZZ76213		0.37	0.003	1.51	0.82	47.3	<0.2	<10	370	0.26	0.33	0.03	0.31	17.05	2.1	16
ZZ76214		0.35	0.004	1.16	0.84	66.0	<0.2	<10	200	0.28	0.42	0.03	0.25	15.50	4.3	19
ZZ76215		0.33	0.001	0.63	0.56	29.0	<0.2	<10	210	0.22	0.29	0.03	0.30	12.35	2.6	12
ZZ76216		0.36	0.004	0.60	1.35	36.5	<0.2	<10	200	0.39	0.37	0.04	0.32	17.70	6.2	25
ZZ76217		0.39	0.003	0.40	0.77	19.0	<0.2	<10	160	0.29	0.28	0.01	0.22	8.38	6.9	13
ZZ76218		0.33	0.005	0.42	0.47	50.7	<0.2	<10	150	0.28	0.30	0.03	0.20	11.85	5.7	12
ZZ76219		0.34	0.003	0.26	0.67	12.1	<0.2	<10	150	0.21	0.26	0.02	0.28	14.95	2.9	13
ZZ76220		0.20	0.004	0.64	1.01	146.0	<0.2	<10	520	0.51	0.21	0.30	0.85	15.20	5.6	19
ZZ76221		0.32	0.005	0.36	1.48	53.5	<0.2	<10	350	0.75	0.24	0.27	0.56	21.7	10.9	24
ZZ76222		0.15	0.008	1.32	1.45	79.9	<0.2	<10	620	0.84	0.26	0.29	0.72	22.2	9.0	22
ZZ76223		0.20	0.003	0.33	1.24	21.5	<0.2	<10	310	0.74	0.21	1.42	1.25	17.10	11.5	22
ZZ76224		0.18	0.002	0.28	1.51	16.4	<0.2	<10	340	1.19	0.22	2.26	0.58	16.50	10.6	22
ZZ76225		0.16	0.002	0.21	1.15	16.4	<0.2	<10	280	0.79	0.20	2.47	1.07	17.05	11.0	18
ZZ76226		0.20	0.006	1.46	0.93	40.1	<0.2	<10	290	0.81	0.18	2.68	2.99	17.65	8.3	15
ZZ76227		0.19	0.002	1.08	0.78	24.0	<0.2	<10	180	0.41	0.23	0.18	2.47	16.70	5.8	13
ZZ76228		0.06	0.002	0.09	0.54	1.9	<0.2	<10	160	0.39	0.10	4.62	0.80	24.4	4.2	8
ZZ76229		0.09	0.002	0.09	0.89	11.5	<0.2	<10	370	0.90	0.17	3.46	0.21	11.95	6.2	13
ZZ76230		0.26	<0.001	0.07	1.24	13.2	<0.2	<10	200	0.79	0.32	0.27	0.28	24.3	10.9	19
ZZ76231		0.22	0.001	0.13	1.31	10.4	<0.2	<10	170	1.00	0.28	1.06	0.24	23.5	11.4	20
ZZ76232		0.21	0.002	0.35	1.46	44.4	<0.2	<10	620	0.94	0.26	0.56	0.91	21.9	15.1	25
ZZ76233		0.18	0.002	0.07	1.27	39.6	<0.2	<10	180	0.70	0.27	0.16	0.24	19.90	10.2	23
ZZ76234		0.11	0.002	0.32	1.20	84.9	<0.2	<10	370	0.74	0.19	3.70	0.99	20.8	9.0	21
ZZ76235		0.13	<0.001	0.16	1.59	30.1	<0.2	<10	270	0.68	0.25	1.02	1.21	21.7	9.2	27
ZZ76236		0.22	0.001	0.11	1.86	55.1	<0.2	<10	200	1.14	0.29	0.59	0.94	28.4	12.0	31
ZZ76237		0.22	0.002	0.14	1.74	75.3	<0.2	<10	220	1.23	0.28	1.09	0.57	27.6	11.7	30
ZZ76238		0.27	0.017	0.27	1.86	93.2	<0.2	<10	240	1.42	0.33	0.93	0.47	24.4	14.1	32

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ76199		1.50	28.8	3.72	4.53	0.05	0.03	1.90	0.035	0.07	15.7	16.9	0.54	646	2.04	0.01
ZZ76200		2.74	9.5	0.30	3.37	<0.05	<0.02	0.11	0.007	0.07	3.9	0.7	0.02	8	1.66	<0.01
ZZ76201		6.41	264	3.42	2.57	0.33	0.09	1.72	0.038	0.14	21.0	3.4	0.14	233	190.5	<0.01
ZZ76202		1.40	33.4	1.23	0.87	0.05	0.05	0.17	0.015	0.04	1.7	0.7	0.11	35	4.29	<0.01
ZZ76203		4.33	60.6	4.10	1.23	0.07	0.05	0.38	0.032	0.06	3.1	2.4	0.02	305	14.05	<0.01
ZZ76204		1.75	48.6	2.36	2.04	0.05	0.05	0.35	0.029	0.06	3.4	4.5	0.10	143	9.09	<0.01
ZZ76205		1.39	31.5	0.79	1.20	<0.05	0.06	0.26	0.011	0.04	2.0	3.0	0.11	69	1.46	<0.01
ZZ76206		1.86	54.4	1.72	1.29	0.07	0.06	0.71	0.023	0.04	3.7	3.5	0.07	345	2.97	<0.01
ZZ76207		3.25	61.5	1.83	2.89	0.10	<0.02	0.56	0.033	0.08	8.6	4.5	0.09	35	16.75	<0.01
ZZ76208		3.62	99.2	2.62	3.68	0.07	<0.02	0.66	0.037	0.11	10.8	9.7	0.15	85	18.45	0.01
ZZ76209		1.63	107.0	2.30	3.01	0.08	0.05	1.63	0.033	0.09	7.1	7.5	0.11	110	15.25	0.01
ZZ76210		2.84	22.4	1.65	3.91	<0.05	<0.02	0.11	0.029	0.15	4.5	2.5	0.05	44	10.15	0.01
ZZ76211		4.56	208	3.33	3.18	0.09	0.02	0.66	0.065	0.19	7.1	3.8	0.06	36	11.40	0.02
ZZ76212		2.40	19.2	2.38	5.21	<0.05	<0.02	0.07	0.034	0.17	8.6	1.7	0.04	71	8.84	0.01
ZZ76213		3.34	26.8	1.92	5.19	<0.05	<0.02	0.10	0.022	0.13	8.3	1.5	0.04	83	4.14	0.01
ZZ76214		4.91	34.9	3.95	6.24	<0.05	<0.02	0.14	0.028	0.13	7.2	3.6	0.12	160	4.69	0.01
ZZ76215		5.45	31.7	1.62	3.26	<0.05	<0.02	0.07	0.026	0.13	5.3	2.0	0.04	56	3.48	0.01
ZZ76216		3.39	34.1	4.12	5.52	0.05	<0.02	0.08	0.031	0.13	8.2	14.8	0.32	266	3.50	0.01
ZZ76217		2.06	51.9	2.96	3.24	<0.05	<0.02	0.06	0.027	0.10	3.8	4.6	0.08	136	4.13	<0.01
ZZ76218		3.75	40.2	2.58	2.76	<0.05	<0.02	0.06	0.029	0.12	5.0	2.2	0.06	221	4.03	<0.01
ZZ76219		4.40	22.2	1.55	3.79	<0.05	<0.02	0.05	0.013	0.08	6.9	2.3	0.06	80	2.69	<0.01
ZZ76220		3.18	37.8	2.34	3.20	<0.05	<0.02	0.25	0.023	0.09	6.4	7.3	0.20	182	3.00	0.01
ZZ76221		2.41	44.8	3.09	4.49	<0.05	0.05	0.27	0.028	0.09	9.4	20.2	0.48	359	3.18	<0.01
ZZ76222		4.83	50.0	2.87	4.08	0.05	0.07	0.56	0.036	0.11	9.3	13.7	0.34	342	3.86	0.01
ZZ76223		0.90	35.5	2.96	3.57	<0.05	0.05	0.16	0.024	0.09	6.7	16.7	0.42	547	4.82	<0.01
ZZ76224		1.42	78.4	3.07	4.15	0.06	0.07	0.23	0.037	0.12	9.4	18.2	0.43	317	2.38	<0.01
ZZ76225		0.77	37.1	2.70	3.27	<0.05	0.05	0.16	0.026	0.08	7.1	15.2	0.45	513	1.52	<0.01
ZZ76226		1.06	92.2	2.59	2.85	0.05	0.05	0.32	0.027	0.12	8.7	10.0	0.32	193	5.93	<0.01
ZZ76227		1.92	74.1	1.90	4.94	0.05	<0.02	0.04	0.018	0.12	8.1	3.0	0.06	83	20.1	<0.01
ZZ76228		0.42	9.7	1.19	1.27	<0.05	0.03	0.08	0.010	0.04	9.5	2.4	0.10	383	0.57	<0.01
ZZ76229		0.78	20.8	1.96	2.48	<0.05	0.05	0.13	0.022	0.09	6.7	8.7	0.22	228	0.81	<0.01
ZZ76230		1.54	34.0	3.59	5.89	<0.05	0.02	0.06	0.029	0.07	11.9	22.8	0.29	780	0.99	<0.01
ZZ76231		1.68	35.3	3.20	3.80	0.05	0.05	0.09	0.032	0.08	11.5	22.6	0.42	952	0.58	<0.01
ZZ76232		0.56	37.1	3.58	4.37	<0.05	0.04	0.18	0.034	0.08	9.3	17.2	0.43	956	2.54	0.01
ZZ76233		0.76	27.3	3.11	4.17	<0.05	<0.02	0.14	0.025	0.06	8.9	17.2	0.33	281	2.56	<0.01
ZZ76234		0.62	30.9	2.21	3.59	<0.05	0.03	0.23	0.018	0.05	9.7	11.5	0.83	649	1.17	0.01
ZZ76235		1.19	14.8	2.78	5.21	<0.05	0.04	0.11	0.024	0.06	11.4	11.1	0.35	466	1.00	<0.01
ZZ76236		1.27	18.5	3.44	5.70	<0.05	0.07	0.13	0.030	0.07	14.5	15.7	0.59	595	1.75	<0.01
ZZ76237		1.30	19.7	3.44	5.24	<0.05	0.06	0.26	0.029	0.08	14.4	17.1	0.86	422	1.86	<0.01
ZZ76238		0.94	27.8	3.88	5.20	<0.05	0.09	0.45	0.037	0.10	13.6	18.3	0.78	442	2.44	<0.01

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ALS Minerals

To: ATAC RESOURCES LTD.
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Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76199	0.73	46.3	800	30.3	8.7	0.001	0.03	1.64	5.3	1.5	0.5	18.2	<0.01	0.05	2.1
ZZ76200	0.13	3.1	480	14.2	7.4	<0.001	0.03	0.36	0.4	0.8	0.8	16.1	<0.01	0.05	<0.2
ZZ76201	<0.05	555	5780	10.3	13.8	0.013	0.13	63.1	8.9	52.7	0.5	759	<0.01	0.23	2.8
ZZ76202	0.12	60.3	960	4.3	4.3	0.010	0.17	1.12	2.5	15.9	0.2	167.0	<0.01	0.03	0.2
ZZ76203	0.06	203	1060	9.7	7.1	0.005	0.06	2.13	7.8	15.0	0.4	74.6	<0.01	0.11	0.9
ZZ76204	0.14	68.1	1010	11.0	6.3	0.017	0.08	1.35	4.0	8.2	0.4	97.5	<0.01	0.08	0.8
ZZ76205	0.15	131.5	840	3.1	4.1	0.019	0.22	1.35	1.4	8.1	0.2	194.0	<0.01	0.03	0.2
ZZ76206	0.13	144.0	1800	7.9	7.3	0.047	0.19	2.52	2.6	15.6	0.3	179.0	<0.01	0.05	0.3
ZZ76207	0.20	43.8	2920	14.6	14.0	0.029	0.17	3.13	0.4	27.2	0.5	144.0	<0.01	0.11	<0.2
ZZ76208	0.24	142.5	3250	19.0	18.2	0.010	0.22	3.64	0.5	15.1	0.6	170.0	<0.01	0.16	<0.2
ZZ76209	0.20	140.0	3550	46.3	8.4	0.022	0.25	5.90	2.6	15.3	0.5	247	<0.01	0.13	0.4
ZZ76210	0.21	14.8	1720	18.5	24.2	0.002	0.27	1.12	0.2	4.9	0.6	61.1	<0.01	0.13	<0.2
ZZ76211	0.37	31.7	2430	23.3	17.0	0.021	0.46	2.56	4.2	10.5	0.7	132.0	<0.01	0.09	0.2
ZZ76212	0.87	11.9	550	20.1	15.8	<0.001	0.31	2.58	1.3	2.6	1.0	45.0	<0.01	0.12	0.7
ZZ76213	0.50	12.2	550	18.4	15.8	0.001	0.16	1.45	0.7	1.5	0.9	23.2	<0.01	0.04	0.2
ZZ76214	1.51	20.3	600	22.2	18.8	<0.001	0.11	2.29	2.1	2.9	0.7	24.3	<0.01	0.09	2.4
ZZ76215	0.26	13.0	740	18.8	14.6	<0.001	0.15	1.32	0.6	1.2	0.6	29.2	<0.01	0.05	0.2
ZZ76216	1.30	20.1	560	22.3	18.4	<0.001	0.10	1.67	2.5	1.1	0.7	22.5	<0.01	0.09	2.7
ZZ76217	0.45	29.0	610	24.3	13.8	<0.001	0.07	2.35	2.0	2.5	0.5	16.4	<0.01	0.06	2.0
ZZ76218	0.19	25.2	860	20.5	11.6	<0.001	0.13	2.15	0.6	1.8	0.4	25.9	<0.01	0.08	<0.2
ZZ76219	0.19	12.9	640	11.2	10.6	<0.001	0.06	1.00	0.2	1.0	0.6	13.4	<0.01	0.04	<0.2
ZZ76220	0.31	22.4	1370	19.8	8.9	0.001	0.12	1.23	2.4	1.4	0.4	30.4	<0.01	0.04	0.6
ZZ76221	0.39	29.6	900	14.4	11.8	0.001	0.03	1.29	4.7	3.0	0.5	20.5	<0.01	0.05	2.5
ZZ76222	0.37	29.4	1220	21.1	16.2	0.002	0.08	1.68	5.1	3.6	0.5	31.9	<0.01	0.06	2.2
ZZ76223	0.32	34.7	710	13.6	7.2	0.004	0.07	1.68	4.1	2.1	0.4	45.3	<0.01	0.05	1.0
ZZ76224	0.30	38.2	930	12.5	10.3	0.002	0.11	0.98	4.7	2.1	0.5	75.4	<0.01	0.05	0.8
ZZ76225	0.27	24.1	910	12.2	7.2	0.002	0.11	0.85	3.6	2.1	0.4	73.1	<0.01	0.03	0.8
ZZ76226	0.26	43.0	2850	12.5	8.2	0.006	0.10	4.22	2.9	3.9	0.4	62.2	<0.01	0.07	0.7
ZZ76227	0.21	29.5	1310	18.8	13.4	0.001	0.02	8.94	1.1	8.6	0.8	13.0	<0.01	0.10	0.3
ZZ76228	0.19	9.4	910	6.2	3.7	<0.001	0.20	0.20	1.1	0.9	0.2	135.5	<0.01	0.01	0.3
ZZ76229	0.40	18.6	940	9.9	7.3	<0.001	0.13	0.30	1.8	0.6	0.4	142.0	<0.01	0.01	0.5
ZZ76230	0.44	19.2	620	15.2	11.1	<0.001	0.03	0.42	3.3	1.0	0.5	13.3	<0.01	0.10	1.5
ZZ76231	0.24	25.1	920	17.6	8.0	<0.001	0.06	0.37	4.8	1.1	0.3	28.7	<0.01	0.05	1.4
ZZ76232	0.54	40.8	650	22.7	7.4	<0.001	0.02	0.85	5.0	1.4	0.5	23.2	<0.01	0.08	3.0
ZZ76233	0.53	31.4	330	20.5	8.3	<0.001	0.01	0.80	3.3	1.3	0.5	12.2	<0.01	0.05	2.7
ZZ76234	0.59	28.7	960	13.6	5.6	<0.001	0.08	0.84	1.6	1.7	0.4	29.8	<0.01	0.02	0.5
ZZ76235	0.85	23.9	300	18.1	13.2	<0.001	0.02	0.55	3.3	1.0	0.6	13.5	<0.01	0.04	1.7
ZZ76236	0.76	31.7	230	25.4	10.9	<0.001	0.01	0.67	5.3	1.0	0.6	12.9	<0.01	0.03	3.9
ZZ76237	0.60	36.0	260	27.5	14.4	<0.001	0.01	0.67	5.3	1.0	0.6	17.0	<0.01	0.03	3.9
ZZ76238	0.40	46.7	320	30.5	11.1	<0.001	0.02	0.72	6.6	1.8	0.6	18.2	<0.01	0.07	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ76199	0.018	1.44	2.18	60	0.26	17.90	265	1.0
ZZ76200	0.006	0.60	0.39	43	0.09	1.53	32	<0.5
ZZ76201	<0.005	4.50	32.6	1000	1.28	120.5	4870	6.3
ZZ76202	<0.005	0.09	3.52	21	0.05	21.4	225	2.0
ZZ76203	<0.005	0.18	4.49	92	0.11	41.4	1020	2.6
ZZ76204	<0.005	0.25	3.27	62	0.07	16.55	291	1.8
ZZ76205	<0.005	0.13	11.55	19	<0.05	8.25	141	2.8
ZZ76206	<0.005	0.34	5.15	43	<0.05	34.6	468	2.3
ZZ76207	<0.005	2.19	6.69	97	0.13	18.75	117	<0.5
ZZ76208	<0.005	2.01	8.35	143	0.13	21.9	357	<0.5
ZZ76209	<0.005	3.55	8.70	184	0.13	32.9	419	1.6
ZZ76210	<0.005	0.85	1.56	73	0.09	3.18	59	<0.5
ZZ76211	0.005	1.92	13.55	84	0.10	33.5	117	<0.5
ZZ76212	0.033	0.62	0.79	120	0.21	3.00	109	<0.5
ZZ76213	0.017	0.27	0.77	89	0.14	2.43	72	<0.5
ZZ76214	0.041	0.46	0.71	79	0.21	3.60	152	0.6
ZZ76215	0.006	0.17	0.50	48	0.08	2.19	90	<0.5
ZZ76216	0.033	0.41	0.61	70	0.19	2.79	124	<0.5
ZZ76217	0.008	0.30	0.52	55	0.07	3.26	200	<0.5
ZZ76218	0.008	0.29	0.68	54	0.08	3.22	169	<0.5
ZZ76219	0.007	0.31	0.67	49	0.12	2.65	91	<0.5
ZZ76220	0.005	0.47	1.16	55	0.10	8.17	120	<0.5
ZZ76221	0.007	0.36	1.53	61	0.17	10.90	133	1.2
ZZ76222	0.005	0.69	1.97	61	0.10	13.10	150	1.7
ZZ76223	0.007	0.25	2.19	87	0.09	7.90	229	1.4
ZZ76224	<0.005	0.19	5.09	53	0.07	15.20	102	2.2
ZZ76225	0.005	0.14	1.56	40	0.08	8.56	142	1.7
ZZ76226	<0.005	0.22	3.42	121	0.08	13.30	465	1.7
ZZ76227	0.005	0.33	3.47	151	0.08	7.71	348	<0.5
ZZ76228	0.006	0.07	0.86	10	<0.05	8.49	161	1.9
ZZ76229	0.005	0.17	0.98	17	0.06	7.41	54	2.5
ZZ76230	0.008	0.11	0.68	43	0.09	8.66	81	0.6
ZZ76231	0.006	0.09	1.52	27	0.06	18.40	67	1.4
ZZ76232	0.007	0.17	1.79	56	0.09	11.40	163	1.3
ZZ76233	0.008	0.15	0.82	51	0.08	6.97	127	0.5
ZZ76234	0.011	0.16	2.49	42	0.22	10.35	117	1.0
ZZ76235	0.015	0.16	1.66	58	0.17	8.34	148	1.2
ZZ76236	0.010	0.31	1.28	71	0.18	9.99	168	2.3
ZZ76237	0.009	0.30	1.35	62	0.16	9.62	163	2.0
ZZ76238	<0.005	0.37	1.34	65	0.11	15.80	172	2.8

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76239		0.25	0.020	0.51	1.52	104.0	<0.2	<10	200	1.33	0.27	4.64	0.76	21.2	11.8	25
ZZ76240		0.16	0.018	0.56	1.88	137.5	<0.2	<10	280	1.14	0.31	0.71	1.13	26.0	10.7	29
ZZ76241		0.25	0.003	1.13	2.10	98.7	<0.2	<10	350	1.48	0.33	1.97	2.59	41.9	13.8	30
ZZ76242		0.36	0.042	1.12	0.36	1380	<0.2	<10	320	0.47	0.33	0.01	1.51	10.55	5.2	8
ZZ76243		0.30	0.001	0.43	0.51	68.4	<0.2	<10	230	0.12	0.21	0.02	0.18	15.15	2.1	10
ZZ76244		0.17	0.007	4.36	0.62	19.4	<0.2	<10	3370	0.50	0.16	1.24	21.2	6.60	2.1	25
ZZ76245		0.28	0.005	1.89	1.98	130.0	<0.2	<10	320	0.70	0.30	0.05	0.36	19.95	7.5	41
ZZ76246		0.30	0.001	0.82	0.62	27.4	<0.2	<10	180	0.12	0.25	0.03	0.06	22.9	1.6	12
ZZ76247		0.20	0.002	0.65	0.59	19.3	<0.2	<10	700	0.21	0.20	0.26	0.54	8.46	2.3	20
ZZ76248		0.35	0.016	1.34	0.56	46.0	<0.2	<10	480	0.55	0.22	0.05	0.70	4.23	6.3	36
ZZ76249		0.32	0.006	1.75	1.62	25.6	<0.2	<10	580	0.61	0.27	0.11	0.74	20.0	8.9	40
ZZ76250		0.32	0.001	0.89	0.59	33.7	<0.2	<10	290	0.28	0.28	0.02	0.88	10.40	4.6	18
ZZ76251		0.09	0.013	9.52	0.45	34.4	<0.2	10	2100	0.50	0.10	3.21	5.29	6.10	5.6	68
ZZ76252		0.30	0.020	17.75	1.24	125.0	<0.2	10	270	1.61	0.26	0.15	1.02	17.10	5.7	233
ZZ76253		0.24	0.007	1.35	1.38	51.6	<0.2	<10	3120	1.13	0.29	0.14	1.11	17.15	6.1	20
ZZ76254		0.28	0.002	1.05	0.72	25.1	<0.2	<10	400	0.22	0.30	0.02	0.29	13.20	4.2	16
ZZ76255		0.29	0.002	0.82	1.14	15.1	<0.2	<10	300	0.49	0.28	0.03	0.73	13.20	7.1	18
ZZ76256		0.29	0.007	0.80	1.18	25.2	<0.2	<10	220	0.59	0.25	0.03	0.56	13.75	9.4	19
ZZ76257		0.29	0.005	0.71	0.66	14.5	<0.2	<10	230	0.45	0.27	0.02	0.42	13.00	10.0	10
ZZ76258		0.29	0.002	0.30	0.80	10.0	<0.2	<10	140	0.18	0.31	0.02	0.09	14.30	3.1	13
ZZ76259		0.41	0.003	0.23	0.66	10.3	<0.2	<10	150	0.20	0.26	0.02	0.12	14.55	3.4	12
ZZ76260		0.21	0.002	0.42	0.62	14.2	<0.2	<10	170	0.26	0.27	0.06	0.24	16.30	4.5	14
ZZ76261		0.34	0.006	0.62	0.88	24.0	<0.2	<10	440	0.51	0.26	0.09	0.69	18.70	9.2	19
ZZ76262		0.20	0.004	0.49	0.95	15.8	<0.2	<10	350	0.49	0.26	0.06	0.41	18.35	5.6	15
ZZ76263		0.22	0.006	0.50	0.73	26.2	<0.2	<10	330	0.68	0.25	0.05	0.98	15.15	8.2	12
ZZ76264		0.29	0.004	0.54	1.58	26.7	<0.2	<10	120	0.58	0.26	0.05	1.20	21.6	10.4	27
ZZ76265		0.24	0.002	0.35	0.89	26.9	<0.2	<10	950	0.56	0.20	0.10	2.66	13.10	4.6	25
ZZ76266		0.22	0.022	0.95	1.26	25.8	<0.2	<10	440	1.11	0.22	0.64	7.18	24.5	8.9	37
ZZ76267		0.35	0.005	0.46	0.86	18.0	<0.2	<10	240	0.97	0.21	0.35	1.70	22.1	11.5	15
ZZ76268		0.20	0.007	0.34	1.32	15.9	<0.2	<10	520	0.94	0.21	0.98	0.44	19.80	10.4	19
ZZ76269		0.15	0.010	0.29	1.29	11.4	<0.2	<10	620	1.07	0.19	1.37	0.97	18.70	12.0	18
ZZ76270		0.29	0.003	0.24	1.23	21.4	<0.2	<10	140	0.58	0.22	0.16	0.72	22.3	12.3	21

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76239		1.01	27.2	3.23	4.15	0.05	0.10	0.70	0.028	0.09	11.7	16.0	2.69	392	2.17	0.01
ZZ76240		1.40	16.1	3.34	5.73	<0.05	0.06	2.20	0.034	0.07	14.0	16.0	0.50	516	1.87	<0.01
ZZ76241		1.33	17.0	3.50	5.71	<0.05	0.06	1.53	0.036	0.08	15.9	13.3	1.05	616	4.41	<0.01
ZZ76242		8.52	31.5	2.67	1.86	<0.05	0.02	0.55	0.039	0.14	5.0	0.9	0.02	46	6.00	<0.01
ZZ76243		2.08	12.5	1.20	3.75	<0.05	<0.02	0.22	0.007	0.05	7.4	1.3	0.04	48	3.61	<0.01
ZZ76244		2.04	49.6	0.78	1.88	<0.05	0.02	1.26	0.016	0.03	3.6	0.4	0.03	14	2.82	0.01
ZZ76245		3.25	32.9	3.38	6.22	<0.05	0.05	0.66	0.040	0.08	9.9	22.4	0.36	214	4.13	<0.01
ZZ76246		2.79	6.9	1.16	4.93	<0.05	<0.02	0.11	0.005	0.04	12.4	2.2	0.07	74	3.10	<0.01
ZZ76247		1.55	25.2	1.37	2.91	<0.05	<0.02	0.08	0.012	0.05	4.7	2.5	0.06	72	5.75	<0.01
ZZ76248		2.40	69.6	3.56	1.73	0.05	0.02	0.18	0.036	0.08	2.8	1.5	0.02	63	10.85	<0.01
ZZ76249		3.05	40.1	3.22	5.00	<0.05	<0.02	0.17	0.038	0.07	9.6	18.6	0.38	249	4.89	<0.01
ZZ76250		1.92	30.3	2.40	3.60	<0.05	<0.02	0.07	0.026	0.08	5.6	2.5	0.06	107	13.05	<0.01
ZZ76251		0.68	56.3	1.54	1.48	0.10	0.04	0.23	0.018	0.04	7.3	2.2	0.04	159	17.90	<0.01
ZZ76252		2.14	80.7	6.02	5.00	0.19	0.05	1.08	0.099	0.28	35.7	6.9	0.05	31	44.5	0.01
ZZ76253		1.73	45.6	2.69	3.52	0.05	0.03	0.29	0.036	0.11	8.5	7.7	0.10	257	13.45	<0.01
ZZ76254		1.12	23.0	3.26	5.25	<0.05	<0.02	0.06	0.028	0.12	6.4	2.9	0.09	147	5.44	0.01
ZZ76255		1.16	33.0	2.89	3.87	<0.05	<0.02	0.06	0.036	0.11	6.5	8.0	0.14	256	3.32	<0.01
ZZ76256		2.09	49.9	3.17	3.55	<0.05	0.02	0.13	0.042	0.12	6.2	11.7	0.22	211	3.83	<0.01
ZZ76257		3.74	62.1	3.16	2.33	<0.05	<0.02	0.11	0.045	0.14	5.2	3.3	0.05	248	4.34	0.01
ZZ76258		1.62	27.4	1.79	4.71	<0.05	<0.02	0.03	0.024	0.07	7.0	2.3	0.06	63	2.93	<0.01
ZZ76259		2.38	25.1	1.81	3.82	<0.05	<0.02	0.05	0.024	0.08	7.1	4.0	0.08	86	2.82	<0.01
ZZ76260		3.94	24.6	2.20	4.04	<0.05	<0.02	0.06	0.023	0.07	7.8	4.2	0.10	156	2.53	<0.01
ZZ76261		7.63	42.8	2.88	3.55	0.05	<0.02	0.09	0.037	0.13	8.1	9.0	0.21	314	3.23	<0.01
ZZ76262		5.94	39.4	2.35	3.44	<0.05	<0.02	0.13	0.035	0.10	8.1	6.0	0.13	138	3.33	<0.01
ZZ76263		9.72	51.0	2.79	2.31	<0.05	0.02	0.18	0.038	0.11	6.2	3.9	0.09	280	4.26	<0.01
ZZ76264		1.83	25.6	3.00	5.06	<0.05	<0.02	0.08	0.030	0.07	10.3	18.4	0.36	419	9.13	<0.01
ZZ76265		1.49	35.3	2.01	3.75	<0.05	<0.02	0.07	0.026	0.07	7.8	5.3	0.11	254	21.4	<0.01
ZZ76266		1.08	56.1	2.90	3.63	0.06	0.06	0.21	0.029	0.08	14.1	17.4	0.31	264	9.37	<0.01
ZZ76267		0.91	42.5	3.00	2.64	<0.05	0.06	0.07	0.035	0.12	9.3	10.3	0.23	310	5.35	<0.01
ZZ76268		1.00	27.8	2.78	3.85	<0.05	0.07	0.07	0.032	0.08	8.8	13.7	0.29	346	3.31	<0.01
ZZ76269		0.79	28.5	2.89	3.56	<0.05	0.06	0.07	0.035	0.10	9.0	11.5	0.27	497	3.31	<0.01
ZZ76270		1.69	50.0	3.88	4.01	<0.05	0.02	0.07	0.033	0.14	9.3	14.9	0.30	344	4.14	<0.01

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CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ76239		0.41	39.8	540	27.8	11.1	<0.001	0.03	0.85	5.5	1.2	0.5	32.6	<0.01	0.07	3.1
ZZ76240		0.79	32.8	410	37.2	14.3	<0.001	0.02	0.72	4.5	1.3	0.6	14.8	<0.01	0.03	2.6
ZZ76241		0.79	30.6	490	207	14.3	<0.001	0.03	0.96	4.9	0.9	0.8	21.7	<0.01	0.05	2.7
ZZ76242		0.18	32.7	1010	48.7	15.1	<0.001	0.19	7.56	2.0	1.8	0.5	59.3	<0.01	0.08	3.1
ZZ76243		0.52	10.6	190	12.5	8.9	<0.001	0.02	1.05	0.9	0.6	0.6	16.9	<0.01	0.02	1.7
ZZ76244		0.20	41.0	1030	10.1	4.3	0.008	0.14	0.94	1.6	11.1	0.4	91.1	<0.01	0.03	<0.2
ZZ76245		1.37	29.8	480	18.2	13.5	<0.001	0.03	1.10	3.7	3.1	0.8	22.6	<0.01	0.06	3.6
ZZ76246		0.90	7.8	160	10.8	10.0	<0.001	0.01	0.56	1.2	0.9	0.8	11.9	<0.01	0.02	2.2
ZZ76247		0.37	23.7	470	9.4	11.0	0.002	0.02	0.56	1.5	3.6	0.6	33.4	<0.01	0.06	0.7
ZZ76248		0.08	116.0	1120	12.0	9.3	0.002	0.08	1.82	3.6	9.8	0.6	40.5	<0.01	0.13	0.5
ZZ76249		0.72	49.4	1240	14.9	10.6	0.001	0.05	0.93	1.7	2.5	0.7	26.4	<0.01	0.06	0.6
ZZ76250		0.34	35.9	1000	22.7	13.0	0.001	0.08	1.93	0.9	3.7	0.6	31.7	<0.01	0.07	<0.2
ZZ76251		0.15	131.0	2880	5.4	4.3	0.013	0.15	2.89	2.0	18.2	0.3	218	<0.01	0.06	0.3
ZZ76252		0.23	130.0	7740	16.7	28.2	0.009	0.76	6.18	8.3	35.0	0.8	478	<0.01	0.23	1.6
ZZ76253		0.34	55.1	1790	18.9	13.5	0.003	0.13	1.98	2.0	6.0	0.8	67.4	<0.01	0.09	0.8
ZZ76254		0.79	13.8	630	15.0	14.1	<0.001	0.16	1.84	1.3	2.2	0.8	22.4	<0.01	0.11	0.5
ZZ76255		0.77	17.7	500	18.6	16.7	<0.001	0.12	1.33	2.1	1.8	0.7	20.5	<0.01	0.07	1.4
ZZ76256		0.72	32.9	540	19.5	14.2	<0.001	0.14	1.94	2.7	2.9	0.6	28.3	<0.01	0.06	2.3
ZZ76257		0.35	32.3	850	24.3	16.0	<0.001	0.20	2.81	2.0	3.1	0.6	39.4	<0.01	0.10	1.4
ZZ76258		0.73	13.5	350	16.0	12.9	0.001	0.04	1.27	1.2	0.9	0.8	12.1	<0.01	0.06	0.7
ZZ76259		0.78	13.9	350	10.9	13.1	<0.001	0.06	1.42	1.3	1.2	0.6	12.3	<0.01	0.05	1.5
ZZ76260		0.76	15.6	690	15.1	12.2	<0.001	0.07	1.31	1.1	1.5	0.6	14.1	<0.01	0.05	0.5
ZZ76261		0.54	25.9	740	21.0	16.8	<0.001	0.17	1.55	2.0	2.0	0.6	31.6	<0.01	0.07	0.8
ZZ76262		0.41	21.0	850	19.1	17.1	0.001	0.11	1.30	1.3	2.4	0.6	24.5	<0.01	0.06	0.4
ZZ76263		0.16	35.5	1350	22.3	22.9	0.001	0.14	2.02	1.9	2.4	0.5	37.3	<0.01	0.07	0.8
ZZ76264		0.70	36.6	650	15.5	11.2	0.001	0.04	3.13	1.7	3.4	0.7	13.3	<0.01	0.06	0.6
ZZ76265		0.19	95.2	1730	10.7	12.5	0.002	0.13	3.86	0.2	4.3	0.6	14.7	<0.01	0.10	<0.2
ZZ76266		0.35	135.5	1090	15.0	11.1	0.003	0.07	3.80	4.0	3.7	0.5	25.1	<0.01	0.08	1.4
ZZ76267		0.29	36.5	850	16.6	8.7	0.001	0.03	2.38	4.2	2.3	0.5	22.3	<0.01	0.05	2.4
ZZ76268		0.40	27.3	830	15.3	11.4	<0.001	0.07	1.49	3.5	1.6	0.5	44.4	<0.01	0.04	1.4
ZZ76269		0.36	28.7	840	14.6	13.5	0.001	0.07	1.50	3.3	1.7	0.5	43.5	<0.01	0.03	1.0
ZZ76270		0.31	30.3	1960	20.7	10.3	0.001	0.16	1.72	2.2	2.1	0.5	31.3	<0.01	0.08	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115532

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76239		<0.005	0.38	1.18	54	0.15	16.00	172	2.7
ZZ76240		0.012	0.47	1.81	68	0.24	10.30	250	1.5
ZZ76241		0.007	0.56	0.89	68	0.43	12.20	349	1.7
ZZ76242		<0.005	1.73	0.58	67	0.76	3.99	202	0.8
ZZ76243		0.012	0.62	0.34	89	0.17	1.74	64	<0.5
ZZ76244		0.009	1.32	24.6	23	0.05	7.19	28	0.6
ZZ76245		0.019	1.31	1.05	79	0.25	3.32	141	2.0
ZZ76246		0.027	0.87	0.42	53	0.17	2.18	34	<0.5
ZZ76247		0.006	0.16	1.08	59	0.14	5.18	82	<0.5
ZZ76248		<0.005	0.22	2.34	77	0.06	17.60	353	0.5
ZZ76249		0.014	0.39	1.99	76	0.22	7.29	217	<0.5
ZZ76250		0.012	0.49	1.10	76	0.16	3.93	211	<0.5
ZZ76251		<0.005	0.24	7.40	101	0.18	30.1	386	1.6
ZZ76252		<0.005	1.76	19.65	292	0.24	30.1	752	2.7
ZZ76253		0.005	2.04	3.03	136	0.09	16.30	226	0.9
ZZ76254		0.022	0.31	0.54	90	0.16	2.00	86	<0.5
ZZ76255		0.013	0.25	0.70	60	0.12	3.09	132	<0.5
ZZ76256		0.011	0.36	0.90	59	0.13	4.06	177	0.6
ZZ76257		0.008	0.38	0.86	47	0.07	4.38	224	<0.5
ZZ76258		0.018	0.21	0.42	70	0.12	2.19	84	<0.5
ZZ76259		0.018	0.21	0.40	55	0.13	2.20	88	<0.5
ZZ76260		0.023	0.23	0.59	53	0.21	2.91	86	<0.5
ZZ76261		0.016	0.54	0.98	49	0.19	5.65	135	<0.5
ZZ76262		0.009	0.45	1.03	48	0.11	7.68	116	<0.5
ZZ76263		<0.005	0.85	1.50	45	0.05	8.29	206	0.5
ZZ76264		0.016	0.88	1.93	145	0.25	4.89	201	<0.5
ZZ76265		<0.005	2.61	2.86	342	0.16	9.88	363	<0.5
ZZ76266		0.007	0.77	3.95	433	0.14	23.5	1190	1.7
ZZ76267		0.005	0.20	1.63	45	0.05	11.00	242	2.0
ZZ76268		0.006	0.29	1.17	62	0.11	9.50	125	2.2
ZZ76269		0.005	0.18	1.30	47	0.05	10.90	132	2.1
ZZ76270		0.005	0.25	1.42	69	0.09	5.87	155	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 3-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13115532

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

CERTIFICATE WH13115533

Project: Nadaleen
P.O. No.: SO-02
This report is for 200 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals
ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
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Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77111	0.18	0.001	0.41	0.89	15.4	<0.2	10	210	0.93	0.20	1.22	1.84	14.95	10.9	13
ZZ77112	0.14	0.001	0.08	1.02	19.3	<0.2	<10	160	0.60	0.29	0.39	0.26	10.05	8.1	19
ZZ77113	0.10	0.001	0.04	1.15	16.9	<0.2	<10	120	0.47	0.37	0.04	0.45	14.00	8.8	21
ZZ77114	0.34	0.002	1.84	0.44	68.3	<0.2	<10	480	0.17	0.35	0.02	0.57	5.12	3.0	14
ZZ77115	0.25	0.008	1.61	0.59	21.6	<0.2	<10	2670	0.26	0.26	0.06	3.51	9.01	1.8	25
ZZ77116	0.27	0.004	0.32	1.52	28.6	<0.2	<10	240	0.74	0.30	0.05	0.63	17.25	13.9	21
ZZ77117	0.22	0.005	0.96	0.78	15.8	<0.2	<10	420	0.92	0.25	0.07	2.89	16.65	9.9	11
ZZ77118	0.12	0.007	1.78	1.18	66.2	<0.2	<10	900	0.56	0.26	0.11	0.82	19.70	44.2	21
ZZ77119	0.08	0.003	1.28	0.76	27.1	<0.2	<10	1240	0.29	0.19	0.15	0.37	10.55	4.7	18
ZZ77120	0.19	0.002	0.12	0.71	21.8	<0.2	<10	330	0.23	0.31	0.07	1.05	20.6	3.2	15
ZZ77121	0.29	0.009	0.71	1.92	59.3	<0.2	<10	500	0.74	0.35	0.06	0.72	17.20	8.3	29
ZZ77122	0.20	0.003	0.33	1.18	33.1	<0.2	<10	200	0.33	0.30	0.04	0.18	18.40	4.7	21
ZZ77123	0.24	0.003	0.48	0.50	14.1	<0.2	<10	900	0.17	0.24	0.03	1.17	13.35	1.5	17
ZZ77124	0.21	0.002	1.96	0.39	82.5	<0.2	<10	650	0.12	0.32	0.01	0.16	6.08	1.6	18
ZZ77125	0.16	0.011	4.07	0.97	109.5	<0.2	<10	1500	1.13	0.24	0.25	2.81	10.40	22.2	30
ZZ77126	0.19	0.004	1.78	0.53	90.0	<0.2	<10	2810	1.07	0.19	0.23	2.07	7.01	8.4	29
ZZ77127	0.20	0.004	0.66	0.41	28.8	<0.2	10	1350	0.59	0.20	0.54	1.04	5.24	6.4	29
ZZ77128	0.27	0.003	1.01	1.42	33.3	<0.2	<10	880	0.97	0.27	0.03	0.32	15.80	11.7	28
ZZ77129	0.15	0.003	1.04	0.62	13.7	<0.2	<10	1100	0.65	0.17	1.01	0.26	4.94	4.9	18
ZZ77130	0.21	0.004	1.33	0.59	81.5	<0.2	<10	1220	0.63	0.18	0.57	1.24	9.90	5.2	23
ZZ77131	0.20	0.008	1.38	0.48	37.7	<0.2	<10	1150	0.60	0.19	0.54	1.21	6.38	5.4	19
ZZ77132	0.21	0.002	2.63	1.18	49.5	<0.2	<10	180	0.36	0.27	0.02	0.35	10.95	6.2	38
ZZ77133	0.33	0.004	0.61	1.11	57.9	<0.2	<10	740	0.52	0.25	0.08	0.42	15.00	6.5	25
ZZ77134	0.14	0.006	1.19	0.59	30.8	<0.2	<10	860	0.53	0.20	0.99	0.63	6.66	6.3	18
ZZ77135	0.17	0.007	1.60	0.75	533	<0.2	<10	130	1.05	0.14	12.40	2.85	15.10	8.2	20
ZZ77136	0.22	0.006	0.93	1.24	173.5	<0.2	<10	110	0.85	0.20	6.45	1.88	23.3	7.9	22
ZZ77137	0.19	0.001	0.71	1.68	179.5	<0.2	<10	190	1.46	0.23	5.30	3.42	23.8	9.0	25
ZZ77138	0.22	0.009	1.13	1.65	450	<0.2	<10	170	1.62	0.20	7.16	1.81	27.8	9.8	28
ZZ77139	0.25	0.022	41.5	0.96	1640	<0.2	<10	110	1.12	0.13	14.55	2.71	20.5	4.6	17
ZZ77140	0.20	0.003	1.00	0.76	109	<0.2	<10	90	0.89	0.10	14.05	1.52	14.30	4.8	16
ZZ77141	0.28	0.003	0.72	0.69	134	<0.2	<10	80	0.98	0.12	14.35	3.04	10.15	4.9	16
ZZ77142	0.12	0.001	0.55	1.66	54.4	<0.2	<10	180	1.53	0.23	5.05	1.34	37.0	9.1	32
ZZ77143	0.32	0.002	0.54	0.36	78	<0.2	<10	60	0.68	0.09	15.55	1.67	7.10	4.4	9
ZZ77144	0.28	0.003	0.61	0.97	101	<0.2	10	120	1.41	0.14	11.10	1.35	18.30	8.0	18
ZZ77145	0.26	<0.001	0.06	1.48	45.1	<0.2	<10	340	0.54	0.22	0.28	0.28	13.05	7.4	25
ZZ77146	0.16	0.004	0.54	1.04	71.3	<0.2	<10	640	1.19	0.18	5.74	2.21	17.05	8.6	20
ZZ77147	0.24	0.006	0.58	1.68	117.0	<0.2	<10	250	1.52	0.22	4.19	1.06	20.2	7.2	32
ZZ77148	0.22	0.003	0.49	0.74	114	<0.2	<10	120	0.90	0.12	12.05	1.42	15.95	6.1	17
ZZ77149	0.24	0.002	0.34	0.51	65	<0.2	10	70	0.79	0.10	13.90	1.09	11.50	5.2	12
ZZ77150	0.18	0.003	0.66	1.11	85	<0.2	<10	120	1.45	0.17	10.15	1.62	17.75	7.4	21

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77111		0.99	37.3	2.73	2.76	0.05	0.07	0.10	0.038	0.17	6.9	9.5	0.31	286	6.24	0.01
ZZ77112		1.40	23.1	2.71	4.73	<0.05	<0.02	0.09	0.031	0.07	4.4	8.3	0.19	352	2.27	<0.01
ZZ77113		1.71	17.7	3.29	5.54	<0.05	<0.02	0.02	0.029	0.08	6.5	8.8	0.20	327	2.00	0.01
ZZ77114		1.41	18.2	3.21	3.55	<0.05	<0.02	0.20	0.032	0.28	2.4	2.9	0.03	180	121.5	0.01
ZZ77115		2.54	30.4	1.43	3.73	<0.05	<0.02	0.48	0.040	0.07	4.2	0.9	0.02	28	23.1	<0.01
ZZ77116		2.94	43.4	3.33	4.39	<0.05	0.02	0.09	0.043	0.09	7.9	17.0	0.24	369	4.72	<0.01
ZZ77117		3.90	60.7	3.24	3.04	0.05	<0.02	0.12	0.038	0.10	5.8	4.7	0.07	413	5.86	<0.01
ZZ77118		4.29	37.6	2.12	4.36	0.05	0.02	0.64	0.032	0.09	6.7	11.1	0.21	3100	3.77	0.01
ZZ77119		3.88	25.3	1.81	3.40	<0.05	<0.02	0.42	0.022	0.08	5.0	10.9	0.24	118	3.33	0.01
ZZ77120		3.12	18.9	1.71	5.71	<0.05	<0.02	0.04	0.021	0.07	10.6	3.0	0.10	98	4.16	0.01
ZZ77121		10.20	68.4	3.92	6.21	<0.05	0.03	0.23	0.050	0.15	8.3	22.7	0.35	240	3.87	0.01
ZZ77122		3.53	24.4	3.30	6.29	<0.05	<0.02	0.05	0.030	0.09	9.3	11.9	0.19	257	2.84	<0.01
ZZ77123		2.97	20.2	1.12	4.38	<0.05	<0.02	0.04	0.023	0.08	6.4	0.9	0.02	27	4.49	0.01
ZZ77124		2.15	15.6	2.39	3.41	0.05	<0.02	0.12	0.053	0.18	3.2	1.0	0.02	28	11.55	0.01
ZZ77125		4.37	152.5	2.86	3.25	0.06	0.04	0.81	0.055	0.07	4.9	5.3	0.10	481	12.85	<0.01
ZZ77126		2.19	119.0	2.62	2.08	0.05	0.02	0.41	0.037	0.06	4.2	2.2	0.04	161	9.97	<0.01
ZZ77127		1.68	58.8	2.82	1.41	<0.05	<0.02	0.15	0.037	0.07	3.2	2.1	0.04	81	7.81	0.01
ZZ77128		2.09	52.1	3.33	3.67	0.05	<0.02	0.14	0.045	0.08	6.9	14.7	0.23	185	3.65	0.01
ZZ77129		1.09	38.1	1.92	1.68	<0.05	0.03	0.14	0.030	0.05	2.8	2.6	0.06	144	3.78	0.01
ZZ77130		1.59	49.9	1.82	2.17	0.05	0.03	0.73	0.033	0.08	5.1	5.2	0.12	104	4.42	0.01
ZZ77131		1.97	43.5	2.07	1.53	<0.05	0.02	0.40	0.031	0.07	3.4	3.6	0.06	119	5.24	0.01
ZZ77132		1.79	25.9	4.39	4.52	<0.05	<0.02	0.21	0.032	0.05	5.5	7.8	0.06	102	7.79	<0.01
ZZ77133		2.26	25.1	3.04	4.70	<0.05	<0.02	0.21	0.037	0.09	7.4	11.1	0.21	195	4.56	0.01
ZZ77134		1.07	42.3	2.18	2.04	<0.05	0.03	0.41	0.035	0.07	3.3	6.8	0.09	126	3.68	0.01
ZZ77135		0.99	24.4	2.17	2.25	<0.05	0.04	6.18	0.024	0.05	6.5	5.6	5.63	720	2.84	0.01
ZZ77136		0.95	12.7	2.28	3.68	<0.05	0.04	1.86	0.026	0.05	12.2	9.1	4.34	566	1.35	0.01
ZZ77137		1.61	15.7	2.70	4.60	<0.05	0.02	1.02	0.032	0.05	12.0	9.2	2.53	1170	1.40	0.01
ZZ77138		1.20	14.7	2.79	4.04	0.05	0.06	4.68	0.030	0.05	13.9	10.9	3.78	648	2.54	0.01
ZZ77139		1.12	19.3	1.71	2.28	0.05	0.04	9.25	0.023	0.04	12.6	5.9	7.78	444	1.88	0.01
ZZ77140		0.72	11.5	1.29	1.75	<0.05	0.04	1.38	0.018	0.04	8.6	5.2	7.58	471	1.45	0.01
ZZ77141		0.69	15.2	1.31	1.95	<0.05	0.04	1.26	0.018	0.05	5.3	5.4	7.60	320	1.56	0.01
ZZ77142		0.81	13.9	2.88	4.35	<0.05	0.03	0.23	0.033	0.06	15.3	11.4	2.92	488	1.16	0.01
ZZ77143		0.52	14.0	1.08	1.10	<0.05	0.03	0.79	0.012	0.05	3.0	4.5	7.08	230	1.30	0.01
ZZ77144		0.61	13.8	1.85	2.57	<0.05	0.05	0.43	0.025	0.05	9.5	8.0	5.86	261	1.72	0.01
ZZ77145		0.89	11.8	2.80	4.97	<0.05	0.02	0.10	0.028	0.05	6.1	20.5	0.35	280	2.25	0.01
ZZ77146		0.54	32.3	2.18	3.01	<0.05	0.04	0.74	0.027	0.05	9.4	9.6	2.85	376	1.06	0.01
ZZ77147		0.85	18.7	2.98	4.61	0.05	0.06	1.30	0.038	0.06	16.7	11.4	2.16	314	1.91	0.01
ZZ77148		0.75	14.3	1.66	1.85	<0.05	0.03	0.66	0.019	0.05	8.0	6.7	6.57	266	1.79	0.01
ZZ77149		0.63	13.1	1.26	1.39	<0.05	0.03	0.34	0.015	0.04	5.7	6.1	7.28	248	1.53	0.01
ZZ77150		0.69	14.7	2.03	2.99	<0.05	0.05	1.21	0.024	0.05	10.0	9.8	5.40	369	1.94	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77111		0.27	35.0	440	14.0	10.6	0.002	0.05	3.66	4.7	2.3	0.4	41.9	<0.01	0.04	2.2
ZZ77112		0.49	16.2	570	17.4	10.6	<0.001	0.02	0.70	1.9	0.8	0.7	19.5	<0.01	0.04	0.8
ZZ77113		0.77	14.9	280	19.4	12.6	<0.001	0.01	0.72	2.5	0.6	0.9	7.2	<0.01	0.04	2.5
ZZ77114		0.28	15.0	760	147.0	20.3	0.001	0.58	19.45	1.1	9.9	1.0	61.9	<0.01	0.30	0.8
ZZ77115		0.21	37.7	770	27.1	7.8	0.005	0.10	10.45	1.0	10.7	1.1	36.1	<0.01	0.16	0.2
ZZ77116		0.52	38.0	530	19.8	13.2	0.001	0.03	2.28	3.3	2.7	0.6	17.4	<0.01	0.07	3.8
ZZ77117		0.20	39.0	850	17.4	14.0	<0.001	0.03	3.85	3.2	3.6	0.6	13.5	<0.01	0.07	1.9
ZZ77118		0.30	16.4	910	16.0	20.7	0.001	0.06	1.44	3.6	4.7	0.6	22.5	<0.01	0.08	1.4
ZZ77119		0.24	16.0	890	11.8	17.0	0.002	0.09	1.23	2.4	3.4	0.5	28.9	<0.01	0.06	1.1
ZZ77120		0.64	14.8	370	12.8	12.7	0.002	0.03	1.40	1.0	1.6	0.8	15.1	<0.01	0.04	0.3
ZZ77121		0.68	34.7	590	22.7	25.6	<0.001	0.10	2.43	4.0	2.9	0.8	29.6	<0.01	0.11	4.1
ZZ77122		0.98	14.7	450	13.1	15.7	<0.001	0.05	1.84	2.0	1.6	0.8	15.9	<0.01	0.07	2.6
ZZ77123		0.24	9.9	520	11.6	8.8	<0.001	0.08	1.26	0.3	1.9	0.8	27.8	<0.01	0.07	<0.2
ZZ77124		0.35	24.8	450	77.1	15.8	<0.001	0.36	4.23	1.6	9.5	0.8	71.8	<0.01	0.20	2.5
ZZ77125		0.27	89.9	3030	17.8	12.1	0.006	0.21	3.83	3.5	9.8	0.6	82.0	<0.01	0.08	0.4
ZZ77126		0.14	84.5	1310	16.9	8.0	0.003	0.10	2.10	4.0	7.6	0.5	110.0	<0.01	0.09	0.7
ZZ77127		0.09	96.0	810	11.6	8.2	0.003	0.04	1.78	4.1	6.4	0.4	97.9	<0.01	0.08	0.6
ZZ77128		0.21	64.7	270	16.4	11.4	0.001	0.01	1.16	6.4	4.2	0.6	15.0	0.01	0.09	2.9
ZZ77129		0.12	50.3	680	10.6	7.0	0.005	0.05	0.95	4.0	4.5	0.4	96.0	<0.01	0.08	0.7
ZZ77130		0.24	57.4	730	15.3	7.2	0.002	0.05	1.69	4.7	5.3	0.4	81.9	<0.01	0.07	1.4
ZZ77131		0.12	47.5	680	11.1	8.3	0.004	0.04	1.24	4.6	5.0	0.4	68.5	<0.01	0.07	0.9
ZZ77132		0.82	51.8	520	15.1	11.8	0.001	0.01	2.43	3.1	4.0	0.7	8.4	<0.01	0.10	1.6
ZZ77133		0.62	34.5	660	15.2	14.1	<0.001	0.02	1.54	2.9	2.4	0.6	23.6	<0.01	0.08	1.9
ZZ77134		0.20	53.5	530	13.1	7.6	0.007	0.04	1.41	5.4	6.0	0.4	68.3	<0.01	0.08	1.0
ZZ77135		0.24	44.6	720	158.0	6.3	0.001	0.03	5.56	2.6	2.6	0.4	56.9	<0.01	0.02	0.9
ZZ77136		0.61	22.1	600	109.0	8.3	0.001	0.03	2.81	3.3	1.6	0.5	33.3	<0.01	0.03	1.3
ZZ77137		0.69	24.3	740	117.5	12.4	<0.001	0.05	2.46	3.0	1.0	0.6	32.8	<0.01	0.03	0.7
ZZ77138		0.62	34.7	550	126.0	8.9	<0.001	0.02	2.83	6.2	2.1	0.5	45.8	<0.01	0.03	3.2
ZZ77139		0.27	23.5	640	7640	8.3	0.001	0.02	14.55	3.0	2.4	0.3	71.8	<0.01	0.04	1.2
ZZ77140		0.16	18.3	1270	87.4	7.1	<0.001	0.04	1.12	1.5	1.3	0.2	69.8	<0.01	0.03	0.6
ZZ77141		0.17	21.2	730	98.6	5.9	<0.001	0.02	1.45	1.9	1.2	0.3	74.5	<0.01	0.03	0.7
ZZ77142		0.78	24.1	720	33.1	8.7	<0.001	0.04	1.22	3.6	0.9	0.5	32.9	<0.01	0.04	1.6
ZZ77143		0.08	17.0	550	66.4	4.8	<0.001	0.01	1.53	1.9	0.6	0.2	103.0	<0.01	0.04	0.6
ZZ77144		0.29	22.1	840	50.3	8.7	<0.001	0.04	1.23	2.8	0.8	0.3	72.4	<0.01	0.03	1.0
ZZ77145		0.58	22.1	210	24.5	11.4	<0.001	<0.01	0.57	2.6	0.4	0.5	11.5	<0.01	0.04	2.3
ZZ77146		0.51	26.7	940	43.7	7.0	<0.001	0.06	1.22	2.2	1.2	0.4	43.8	<0.01	0.04	0.7
ZZ77147		0.53	27.8	820	39.3	8.9	<0.001	0.04	1.20	5.1	1.1	0.6	32.3	<0.01	0.05	1.6
ZZ77148		0.21	23.6	920	44.8	7.6	0.001	0.04	1.36	2.1	1.0	0.3	72.5	<0.01	0.03	0.8
ZZ77149		0.17	19.2	700	24.5	6.1	<0.001	0.02	1.12	2.1	0.7	0.2	92.6	<0.01	0.04	0.9
ZZ77150		0.41	25.2	770	71.8	8.6	<0.001	0.03	1.50	3.7	1.0	0.4	73.8	<0.01	0.04	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77111		<0.005	0.26	1.26	32	<0.05	10.95	205	2.4
ZZ77112		0.008	0.21	0.77	45	0.19	2.73	66	<0.5
ZZ77113		0.013	0.18	0.60	55	0.31	2.81	61	<0.5
ZZ77114		<0.005	6.93	0.98	341	0.43	3.92	99	<0.5
ZZ77115		0.006	0.87	3.76	204	0.25	6.37	101	<0.5
ZZ77116		0.009	0.55	1.13	65	0.13	5.01	170	0.9
ZZ77117		<0.005	0.64	1.25	82	0.06	8.16	292	0.9
ZZ77118		0.005	0.72	1.63	73	0.12	11.35	82	0.5
ZZ77119		<0.005	0.58	0.97	54	0.07	4.30	75	<0.5
ZZ77120		0.025	0.25	0.73	66	0.25	3.24	77	<0.5
ZZ77121		0.010	0.71	1.23	84	0.18	5.52	175	1.5
ZZ77122		0.022	0.34	0.49	96	0.20	2.32	79	<0.5
ZZ77123		0.005	0.19	0.66	69	0.20	2.06	62	<0.5
ZZ77124		0.006	1.26	0.55	112	0.07	2.05	85	<0.5
ZZ77125		<0.005	2.07	7.04	120	0.09	26.1	354	0.9
ZZ77126		<0.005	0.66	4.15	77	0.08	22.3	365	0.5
ZZ77127		<0.005	0.13	2.94	64	<0.05	22.1	331	0.5
ZZ77128		<0.005	0.24	1.76	54	0.07	17.30	186	0.5
ZZ77129		<0.005	0.10	3.42	51	<0.05	15.50	116	1.2
ZZ77130		0.006	0.38	3.49	52	0.15	15.95	192	1.0
ZZ77131		<0.005	0.27	3.01	50	0.07	18.15	207	0.7
ZZ77132		0.011	0.37	0.70	112	0.22	3.99	131	0.5
ZZ77133		0.011	0.44	1.08	82	0.22	6.26	149	<0.5
ZZ77134		<0.005	0.19	2.17	46	0.07	14.05	169	1.1
ZZ77135		0.006	2.56	3.13	48	0.30	13.75	464	1.1
ZZ77136		0.021	1.25	1.70	47	0.29	13.40	276	0.9
ZZ77137		0.021	0.72	1.50	73	0.24	16.15	341	0.6
ZZ77138		0.011	1.24	2.65	64	0.28	17.65	294	1.8
ZZ77139		0.006	1.42	3.97	40	0.56	13.20	344	1.2
ZZ77140		0.005	0.41	2.04	33	0.16	12.85	150	1.2
ZZ77141		<0.005	0.63	2.27	37	0.20	10.20	209	1.3
ZZ77142		0.020	0.24	1.65	64	0.30	10.80	149	0.9
ZZ77143		<0.005	0.37	2.34	24	0.11	7.16	165	1.0
ZZ77144		0.005	0.46	2.39	50	0.20	12.00	165	1.5
ZZ77145		0.007	0.30	0.53	80	0.10	2.42	109	0.9
ZZ77146		0.008	0.35	2.79	46	0.19	11.05	236	1.2
ZZ77147		0.007	0.51	1.74	87	0.24	21.1	206	1.6
ZZ77148		0.005	0.35	2.02	47	0.20	10.45	153	1.1
ZZ77149		0.005	0.24	2.36	33	0.18	7.82	106	1.0
ZZ77150		0.008	0.37	2.38	57	0.26	12.00	193	1.6

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77151		0.18	0.004	0.49	1.25	58.2	<0.2	<10	1590	0.82	0.26	0.47	1.39	18.65	12.8	28
ZZ77152		0.24	0.003	0.74	0.80	212	<0.2	<10	600	0.73	0.15	10.55	0.83	12.20	6.2	16
ZZ77153		0.23	0.002	0.30	1.89	103.5	<0.2	<10	1310	0.97	0.29	1.28	0.92	24.2	14.5	32
ZZ77154		0.20	0.001	0.35	1.92	123.5	<0.2	<10	190	1.07	0.27	3.89	1.95	27.0	9.5	30
ZZ77155		0.23	0.004	0.43	1.61	93.9	<0.2	<10	150	1.16	0.21	7.72	1.42	26.3	9.2	25
ZZ77156		0.24	0.002	0.43	1.51	239	<0.2	<10	130	1.41	0.22	6.73	2.80	27.5	9.7	27
ZZ77157		0.19	0.004	1.04	0.65	243	<0.2	<10	70	0.68	0.10	13.50	0.93	12.95	7.9	15
ZZ77158		0.26	0.010	2.10	0.85	517	<0.2	10	170	1.46	0.17	8.69	3.02	15.50	17.2	26
ZZ77159		0.23	0.003	0.94	0.67	63.5	<0.2	<10	970	0.67	0.20	0.85	0.89	8.32	7.7	31
ZZ77160		0.19	0.003	0.56	0.36	62.1	<0.2	10	450	0.40	0.21	0.78	0.69	4.16	4.6	21
ZZ77161		0.13	0.008	0.83	0.54	157.5	<0.2	<10	1000	0.38	0.23	0.96	0.96	8.59	4.9	24
ZZ77162		0.09	0.005	0.83	0.54	114.5	<0.2	10	990	0.57	0.18	0.75	1.48	6.21	6.6	23
ZZ77163		0.19	0.003	0.68	0.41	72.9	<0.2	<10	490	0.26	0.22	0.22	0.91	10.30	2.2	22
ZZ77164		0.22	0.005	1.81	0.55	28.9	<0.2	10	2200	0.84	0.18	0.76	2.55	6.99	7.1	39
ZZ77165		0.09	NSS	0.63	0.38	24.5	<0.2	10	260	0.38	0.15	0.14	1.76	2.87	4.4	17
ZZ77166		0.16	0.001	1.06	0.37	20.6	<0.2	<10	220	0.29	0.21	0.05	1.45	6.83	3.9	14
ZZ77167		0.18	0.005	1.46	0.83	127.0	<0.2	<10	1220	1.35	0.20	0.81	3.87	8.10	20.1	47
ZZ77168		0.24	0.005	2.29	0.54	68.4	<0.2	<10	650	0.26	0.28	0.10	1.14	11.80	2.3	16
ZZ77169		0.19	0.033	1.94	1.55	69.4	<0.2	10	1010	1.27	0.35	0.43	3.77	13.85	7.5	27
ZZ77170		0.24	0.002	1.39	1.15	63.8	<0.2	<10	570	0.38	0.32	0.03	0.79	15.00	6.2	25
ZZ77171		0.27	0.002	1.66	0.85	22.8	<0.2	<10	550	0.38	0.32	0.02	0.98	16.70	3.4	19
ZZ77172		0.31	0.002	1.07	0.78	14.2	<0.2	<10	700	0.34	0.29	0.04	0.58	17.15	3.2	15
ZZ77173		0.28	0.001	0.85	0.57	50.5	<0.2	<10	1690	0.16	0.29	0.01	0.22	18.45	1.9	16
ZZ77174		0.28	0.001	0.33	0.59	24.2	<0.2	<10	240	0.18	0.35	0.03	0.17	23.7	3.4	14
ZZ77175		0.21	0.008	1.59	1.39	43.7	<0.2	<10	400	0.60	0.31	0.04	0.52	14.90	7.2	27
ZZ77176		0.18	0.010	1.96	0.88	35.5	<0.2	<10	550	0.60	0.27	0.08	0.69	17.10	6.2	17
ZZ77177		0.23	0.004	0.61	0.67	16.5	<0.2	<10	280	0.22	0.22	0.06	0.26	14.05	3.0	13
ZZ77178		0.32	0.003	0.54	0.91	39.9	<0.2	<10	280	0.41	0.28	0.05	0.56	14.80	8.4	21
ZZ77179		0.25	0.004	0.73	0.50	21.2	<0.2	<10	930	0.36	0.24	0.01	0.56	5.73	6.8	10
ZZ77180		0.31	0.001	0.28	1.55	32.1	<0.2	<10	420	0.62	0.31	0.05	1.28	17.90	11.1	24
ZZ77181		0.24	0.002	0.22	1.70	38.7	<0.2	<10	310	1.26	0.30	0.12	5.31	22.8	12.0	43
ZZ77182		0.20	0.001	0.16	1.25	34.6	<0.2	<10	360	0.73	0.25	0.37	0.66	17.05	9.3	20
ZZ77183		0.21	0.001	0.06	1.17	31.5	<0.2	<10	200	0.72	0.24	0.22	0.16	17.25	10.2	20
ZZ77184		0.17	0.002	0.26	2.01	80.2	<0.2	<10	220	1.46	0.27	2.03	2.54	28.3	12.1	32
ZZ77185		0.18	0.002	0.25	1.83	72.8	<0.2	<10	200	1.31	0.28	2.02	1.55	36.8	10.6	32
ZZ77186		0.18	0.002	0.37	1.56	80.8	<0.2	<10	220	1.26	0.26	2.34	1.60	25.7	11.0	29
ZZ77187		0.19	0.002	0.51	0.74	170	<0.2	<10	70	1.12	0.11	15.30	1.87	14.15	5.7	14
ZZ77188		0.18	0.002	0.41	1.68	160.5	<0.2	<10	190	1.27	0.26	2.43	0.90	25.3	8.8	28
ZZ77189		0.18	0.001	0.52	0.84	114	<0.2	<10	90	0.90	0.11	14.55	0.89	16.40	4.9	14
ZZ77190		0.19	0.004	1.84	1.97	459	<0.2	<10	200	2.42	0.27	3.78	2.47	37.4	13.9	36

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77151		1.39	35.5	3.12	4.02	<0.05	0.03	0.28	0.038	0.09	8.0	11.5	0.35	310	5.00	<0.01
ZZ77152		0.81	18.3	1.80	2.41	<0.05	0.04	1.74	0.023	0.05	7.0	7.9	5.98	297	2.01	0.01
ZZ77153		1.57	21.8	3.13	6.25	<0.05	0.03	0.54	0.039	0.06	10.6	12.9	0.49	915	1.60	<0.01
ZZ77154		1.40	13.3	2.96	5.75	<0.05	0.04	0.78	0.036	0.06	13.6	13.0	2.17	486	1.25	<0.01
ZZ77155		1.07	12.2	2.49	4.32	<0.05	0.03	0.51	0.029	0.06	13.0	10.6	4.44	508	0.95	<0.01
ZZ77156		1.10	13.7	2.74	4.43	<0.05	0.03	1.10	0.034	0.06	12.3	10.4	3.85	911	1.81	<0.01
ZZ77157		0.77	11.3	1.58	1.77	<0.05	0.03	2.19	0.014	0.05	6.0	4.9	7.59	373	1.83	<0.01
ZZ77158		1.13	25.4	3.68	2.57	0.05	0.06	13.75	0.033	0.07	9.5	6.9	4.44	498	6.15	<0.01
ZZ77159		1.21	43.1	2.80	2.13	<0.05	0.02	0.33	0.035	0.07	4.0	4.7	0.10	150	6.63	<0.01
ZZ77160		1.59	50.0	2.41	1.71	<0.05	0.02	0.14	0.037	0.09	2.3	1.2	0.03	49	6.35	<0.01
ZZ77161		1.68	50.0	1.89	2.96	<0.05	0.03	0.59	0.034	0.10	4.2	3.2	0.07	89	5.67	<0.01
ZZ77162		1.76	47.2	2.31	2.01	<0.05	0.03	0.54	0.034	0.09	3.2	3.4	0.08	251	7.65	<0.01
ZZ77163		1.35	27.2	1.53	2.97	<0.05	<0.02	0.29	0.024	0.09	5.7	1.6	0.04	21	7.55	<0.01
ZZ77164		1.70	60.0	2.90	1.52	0.05	0.05	0.31	0.038	0.09	4.2	3.0	0.06	168	8.57	<0.01
ZZ77165		2.20	69.9	2.22	1.28	<0.05	<0.02	0.17	0.031	0.09	1.6	0.9	0.04	35	9.00	<0.01
ZZ77166		3.63	57.1	1.79	1.84	<0.05	<0.02	0.17	0.036	0.06	3.3	1.1	0.02	46	4.83	<0.01
ZZ77167		2.85	114.5	4.06	1.77	0.07	0.04	0.59	0.052	0.08	4.7	6.9	0.10	324	7.03	<0.01
ZZ77168		16.00	51.2	3.27	3.68	<0.05	<0.02	0.25	0.044	0.22	5.8	1.7	0.05	124	11.85	0.01
ZZ77169		7.86	256	3.11	5.04	0.06	0.07	1.04	0.049	0.22	6.9	10.5	0.22	174	14.15	0.02
ZZ77170		2.90	38.1	4.00	6.23	<0.05	<0.02	0.08	0.043	0.18	7.1	10.7	0.19	206	6.56	0.02
ZZ77171		2.70	50.2	2.86	4.73	<0.05	<0.02	0.08	0.038	0.11	7.5	1.5	0.05	82	5.61	0.01
ZZ77172		4.77	27.8	2.04	4.06	<0.05	<0.02	0.08	0.030	0.15	8.6	4.4	0.12	69	3.86	0.01
ZZ77173		2.00	15.6	1.32	5.52	<0.05	<0.02	0.10	0.014	0.10	9.6	1.4	0.03	29	13.70	<0.01
ZZ77174		2.81	19.3	1.67	6.21	<0.05	<0.02	0.03	0.019	0.08	11.9	1.7	0.05	84	4.97	0.01
ZZ77175		5.06	55.9	3.49	5.03	<0.05	<0.02	0.25	0.050	0.13	7.5	10.2	0.23	232	4.43	0.01
ZZ77176		5.83	46.6	2.10	2.93	<0.05	0.02	0.70	0.039	0.11	7.9	10.3	0.19	125	2.90	0.01
ZZ77177		3.54	23.5	1.43	3.50	<0.05	<0.02	0.16	0.033	0.09	7.0	5.9	0.12	55	3.53	<0.01
ZZ77178		3.22	40.6	3.06	4.24	<0.05	<0.02	0.11	0.037	0.10	7.2	8.4	0.21	260	6.46	<0.01
ZZ77179		3.64	72.9	2.62	2.47	<0.05	<0.02	0.07	0.045	0.10	3.1	1.3	0.03	46	8.86	<0.01
ZZ77180		1.46	31.0	4.04	6.05	<0.05	0.03	0.04	0.037	0.07	8.5	23.8	0.35	335	8.02	<0.01
ZZ77181		1.42	70.4	3.29	5.31	0.06	0.05	0.12	0.049	0.07	12.8	21.4	0.30	280	48.4	<0.01
ZZ77182		0.85	19.4	2.82	4.74	<0.05	0.02	0.13	0.032	0.05	7.7	13.4	0.23	331	2.55	<0.01
ZZ77183		0.68	19.3	2.84	4.31	<0.05	0.02	0.08	0.031	0.06	7.9	17.7	0.33	241	2.09	<0.01
ZZ77184		1.30	21.4	3.46	4.97	0.05	0.06	0.37	0.042	0.07	13.3	16.2	0.75	411	2.20	<0.01
ZZ77185		1.20	16.1	3.11	5.04	0.06	0.05	0.54	0.039	0.05	20.7	13.0	0.93	456	1.72	<0.01
ZZ77186		0.83	20.6	3.18	4.69	0.06	0.05	0.70	0.043	0.05	16.5	14.5	0.93	570	1.89	<0.01
ZZ77187		0.75	10.2	1.35	2.09	<0.05	0.05	1.50	0.020	0.04	8.5	7.1	8.11	290	1.19	0.01
ZZ77188		1.39	15.0	2.81	5.34	<0.05	0.06	0.51	0.034	0.05	13.2	14.2	1.38	378	1.58	<0.01
ZZ77189		0.57	6.9	1.24	1.98	<0.05	0.03	0.47	0.015	0.03	8.3	5.1	7.85	361	0.88	0.01
ZZ77190		1.69	18.0	3.51	5.53	0.07	0.09	4.08	0.039	0.08	20.5	12.7	2.14	997	2.85	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 5- JUL- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ77151		0.62	55.2	610	20.6	11.3	0.001	0.05	1.53	4.0	3.0	0.6	36.4	<0.01	0.08	2.4
ZZ77152		0.35	25.5	700	45.9	7.0	0.001	0.02	1.21	3.1	1.0	0.3	61.1	<0.01	0.02	1.4
ZZ77153		0.92	27.0	760	38.5	11.9	<0.001	0.04	0.79	3.3	0.9	0.7	24.3	<0.01	0.06	1.3
ZZ77154		1.20	24.9	480	57.9	13.5	<0.001	0.03	0.97	4.0	0.7	0.7	26.9	<0.01	0.03	2.3
ZZ77155		0.75	23.1	790	28.9	11.8	<0.001	0.04	0.84	2.9	0.6	0.5	40.3	<0.01	0.03	1.1
ZZ77156		0.79	27.3	570	38.0	11.4	<0.001	0.04	1.59	3.5	0.8	0.6	24.7	<0.01	0.03	1.4
ZZ77157		0.24	59.5	760	74.3	6.8	<0.001	0.03	1.81	1.9	1.0	0.2	55.3	<0.01	0.02	0.6
ZZ77158		0.15	119.0	700	124.5	8.2	0.001	0.05	3.79	4.9	2.9	0.4	64.6	<0.01	0.05	1.8
ZZ77159		0.25	59.6	880	13.3	7.6	0.006	0.05	1.24	4.5	6.2	0.4	87.8	<0.01	0.10	1.2
ZZ77160		0.12	80.0	590	12.7	10.2	0.005	0.07	2.05	3.8	8.4	0.4	92.3	<0.01	0.11	0.7
ZZ77161		0.38	39.3	600	19.7	9.2	0.004	0.09	2.03	2.7	4.7	0.5	81.6	<0.01	0.09	1.4
ZZ77162		0.12	65.5	1210	16.4	10.2	0.019	0.08	2.18	3.5	7.3	0.4	100.5	<0.01	0.09	1.2
ZZ77163		0.44	35.9	790	19.0	12.3	0.007	0.06	1.55	1.8	4.6	0.5	60.2	<0.01	0.08	1.2
ZZ77164		0.10	122.0	1330	10.6	8.8	0.007	0.08	1.73	7.7	7.5	0.4	116.0	<0.01	0.10	1.1
ZZ77165		0.09	69.4	750	8.6	8.9	0.005	0.10	1.65	4.1	7.8	0.4	21.7	<0.01	0.05	0.5
ZZ77166		0.28	49.6	800	13.9	10.4	0.003	0.06	1.64	3.1	3.2	0.4	22.0	<0.01	0.10	0.2
ZZ77167		0.16	234	1760	23.1	11.1	0.004	0.05	3.14	7.7	9.6	0.5	107.0	<0.01	0.13	1.2
ZZ77168		0.28	19.4	1650	21.0	18.4	0.001	0.42	4.53	0.3	5.4	0.9	63.3	<0.01	0.15	<0.2
ZZ77169		0.37	111.0	2260	27.9	31.8	0.007	0.29	3.91	5.0	8.5	0.9	132.5	<0.01	0.16	0.8
ZZ77170		0.47	19.8	1020	23.9	19.1	<0.001	0.32	1.84	1.3	2.3	0.8	45.8	<0.01	0.11	0.4
ZZ77171		0.43	21.0	920	16.4	14.2	<0.001	0.13	2.33	0.7	2.1	0.8	21.5	<0.01	0.12	0.2
ZZ77172		0.69	14.2	470	17.1	19.6	<0.001	0.11	1.43	1.7	1.7	0.7	25.3	<0.01	0.07	1.8
ZZ77173		0.57	15.4	490	16.9	12.4	<0.001	0.13	1.49	1.0	3.6	1.0	47.0	<0.01	0.07	0.8
ZZ77174		0.91	15.4	360	16.7	13.9	<0.001	0.05	1.41	1.2	1.4	0.9	20.6	<0.01	0.07	1.2
ZZ77175		0.56	25.9	1170	21.7	20.6	<0.001	0.10	1.88	1.1	2.4	0.6	32.5	<0.01	0.11	0.4
ZZ77176		0.36	22.8	790	18.7	15.7	0.002	0.03	1.39	3.1	2.6	0.5	25.6	<0.01	0.07	2.6
ZZ77177		0.42	13.4	430	10.6	13.4	0.001	0.02	1.43	1.6	1.9	0.6	15.1	0.01	0.05	1.6
ZZ77178		0.63	33.6	900	20.7	11.8	0.001	0.09	2.49	2.5	3.2	0.5	29.1	<0.01	0.09	2.0
ZZ77179		0.19	57.2	770	18.9	11.5	0.002	0.10	5.01	3.0	5.1	0.7	35.3	<0.01	0.11	2.0
ZZ77180		0.77	32.6	470	19.2	11.0	<0.001	0.04	1.41	3.1	1.2	0.6	13.1	<0.01	0.09	2.6
ZZ77181		0.40	139.0	550	18.4	9.8	0.001	0.04	4.36	4.8	7.9	0.8	13.4	<0.01	0.17	2.7
ZZ77182		0.75	22.8	220	20.8	12.3	<0.001	0.01	0.49	3.1	1.0	0.5	14.1	<0.01	0.03	2.7
ZZ77183		0.70	25.4	390	17.5	9.6	<0.001	0.01	0.58	2.8	0.9	0.5	12.0	<0.01	0.05	2.9
ZZ77184		0.93	39.5	610	27.1	15.4	<0.001	0.04	0.81	4.6	1.5	0.6	20.7	<0.01	0.06	2.7
ZZ77185		0.86	28.4	750	28.4	10.4	<0.001	0.04	0.83	4.1	1.3	0.6	19.5	<0.01	0.04	1.4
ZZ77186		0.65	31.9	690	26.2	9.3	<0.001	0.03	0.78	4.6	1.3	0.6	22.8	<0.01	0.04	1.6
ZZ77187		0.27	20.3	1110	92.2	6.9	<0.001	0.03	0.99	2.4	1.2	0.3	84.0	<0.01	0.02	1.1
ZZ77188		0.91	26.5	610	36.9	12.5	<0.001	0.04	0.92	3.7	0.8	0.6	23.3	<0.01	0.04	1.9
ZZ77189		0.32	15.7	870	25.6	6.1	<0.001	0.04	0.72	1.4	0.9	0.3	69.5	<0.01	0.01	0.5
ZZ77190		0.96	50.3	450	191.0	13.5	0.001	0.03	2.12	6.6	2.2	0.7	33.3	<0.01	0.03	3.9

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77151		0.009	0.30	1.29	69	0.15	8.35	215	1.0
ZZ77152		0.006	0.41	1.71	36	0.12	9.70	139	1.2
ZZ77153		0.020	0.24	2.42	73	0.24	6.67	139	0.8
ZZ77154		0.025	0.39	1.67	62	0.28	8.41	222	1.3
ZZ77155		0.024	0.40	1.28	49	0.25	9.60	256	0.9
ZZ77156		0.021	0.96	1.78	53	0.32	10.35	226	0.9
ZZ77157		0.007	0.83	1.21	27	0.21	7.37	245	0.7
ZZ77158		<0.005	1.02	1.72	68	0.36	22.3	864	1.8
ZZ77159		0.005	0.20	2.81	72	0.11	15.40	255	1.0
ZZ77160		<0.005	0.22	3.23	48	0.07	9.14	312	0.8
ZZ77161		0.008	0.59	2.81	71	0.24	5.61	164	1.2
ZZ77162		<0.005	0.49	2.42	65	0.15	13.65	265	1.3
ZZ77163		0.009	0.51	1.67	62	0.21	5.32	139	<0.5
ZZ77164		<0.005	0.22	4.10	73	<0.05	34.9	502	2.6
ZZ77165		<0.005	0.19	1.84	41	<0.05	9.86	396	<0.5
ZZ77166		0.007	0.25	1.70	36	0.08	5.46	143	<0.5
ZZ77167		<0.005	0.47	4.50	107	0.07	44.4	1240	1.1
ZZ77168		0.006	0.89	1.31	86	0.11	3.24	122	<0.5
ZZ77169		<0.005	7.17	8.07	110	0.10	34.4	312	1.3
ZZ77170		0.008	0.83	0.76	85	0.12	2.79	109	<0.5
ZZ77171		0.012	0.31	1.23	108	0.16	3.71	129	<0.5
ZZ77172		0.017	0.41	0.80	62	0.12	4.26	87	<0.5
ZZ77173		0.016	2.49	0.71	113	0.16	2.38	65	<0.5
ZZ77174		0.037	0.66	0.57	82	0.25	2.37	76	<0.5
ZZ77175		0.007	0.75	1.56	83	0.13	3.52	138	<0.5
ZZ77176		0.006	0.62	1.77	43	0.14	7.32	119	0.5
ZZ77177		0.009	0.32	0.72	51	0.13	3.12	81	<0.5
ZZ77178		0.015	0.66	1.26	97	0.13	4.56	170	<0.5
ZZ77179		<0.005	0.64	1.62	93	0.07	2.76	458	<0.5
ZZ77180		0.008	0.53	0.79	124	0.14	3.55	142	0.9
ZZ77181		0.005	1.05	3.80	323	0.21	19.90	487	1.9
ZZ77182		0.008	0.17	0.79	55	0.10	5.35	82	1.1
ZZ77183		0.010	0.12	0.80	41	0.08	5.19	102	0.6
ZZ77184		0.007	0.35	2.17	69	0.15	15.65	232	1.8
ZZ77185		0.014	0.32	1.81	68	0.22	23.4	142	1.3
ZZ77186		0.007	0.31	1.56	66	0.15	21.8	160	1.3
ZZ77187		0.005	0.69	2.15	29	0.14	10.60	171	1.5
ZZ77188		0.016	0.48	1.47	55	0.25	8.64	187	1.4
ZZ77189		0.010	0.28	1.34	28	0.12	7.96	155	0.9
ZZ77190		0.016	2.47	1.86	69	0.41	18.30	617	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77191		0.26	0.003	1.27	1.07	178.5	<0.2	<10	110	1.38	0.17	5.86	0.81	20.4	8.3	21
ZZ77192		0.21	0.004	0.78	1.11	155.0	<0.2	<10	110	1.28	0.17	8.34	1.64	21.6	8.6	19
ZZ77193		0.25	0.005	0.44	0.89	172.5	<0.2	<10	170	0.97	0.15	9.55	1.61	16.80	6.2	15
ZZ77194		0.16	0.008	1.13	0.89	420	<0.2	<10	190	1.30	0.17	6.74	2.22	18.95	7.8	18
ZZ77195		0.26	0.005	0.75	0.46	66.9	<0.2	<10	260	0.77	0.23	0.02	0.92	5.84	5.6	25
ZZ77196		0.20	0.007	1.74	0.35	21.5	<0.2	10	1920	0.60	0.18	1.48	1.18	6.12	4.9	23
ZZ77197		0.18	0.002	0.60	0.33	22.0	<0.2	10	1020	0.55	0.20	0.55	0.41	4.80	6.3	14
ZZ77198		0.13	0.003	0.66	0.44	16.4	<0.2	<10	1890	0.61	0.18	0.42	0.65	3.90	5.4	21
ZZ77199		0.13	0.004	3.43	0.60	37.9	<0.2	10	1330	0.87	0.17	0.61	3.02	11.90	2.1	45
ZZ77200		0.14	0.009	2.07	1.18	85.0	<0.2	<10	1130	0.82	0.33	0.28	2.17	18.65	7.8	26
ZZ77201		0.20	0.001	0.30	1.49	24.8	<0.2	<10	240	0.39	0.33	0.05	0.44	21.6	7.6	27
ZZ77202		0.25	0.007	2.17	1.57	55.1	<0.2	<10	1180	0.92	0.31	0.13	1.22	16.15	8.2	26
ZZ77203		0.27	0.003	1.07	1.71	55.1	<0.2	<10	1070	0.62	0.29	0.03	0.39	16.65	8.7	28
ZZ77204		0.33	0.003	0.82	0.65	101.0	<0.2	<10	470	0.36	0.31	0.02	0.39	11.60	3.3	14
ZZ77205		0.31	0.004	0.69	0.99	22.3	<0.2	<10	210	0.43	0.36	0.03	0.46	16.85	6.3	21
ZZ77206		0.27	0.002	0.48	0.63	13.3	<0.2	<10	180	0.25	0.35	0.02	0.30	15.55	6.0	12
ZZ77207		0.29	0.002	0.34	0.89	21.0	<0.2	<10	120	0.22	0.39	0.03	0.18	19.80	3.7	17
ZZ77208		0.25	0.002	0.33	1.17	23.3	<0.2	<10	180	0.27	0.34	0.04	0.19	21.0	4.9	21
ZZ77209		0.23	0.010	1.35	1.35	25.3	<0.2	<10	450	0.79	0.27	0.12	0.62	23.9	8.3	20
ZZ77210		0.14	0.010	2.08	1.49	14.8	<0.2	<10	1000	0.67	0.24	0.92	0.25	16.05	5.2	22
ZZ77211		0.21	0.006	0.53	0.69	16.5	<0.2	<10	430	0.72	0.24	0.71	0.96	17.15	9.1	12
ZZ77212		0.21	0.006	0.54	1.01	27.4	<0.2	<10	620	0.90	0.26	0.29	0.70	19.10	16.3	15
ZZ77213		0.19	0.005	0.82	0.91	26.7	<0.2	<10	860	0.57	0.21	0.20	1.10	13.35	12.7	18
ZZ77214		0.18	0.004	0.56	1.02	37.2	<0.2	<10	400	0.88	0.21	1.57	2.74	17.20	12.9	23
ZZ77215		0.19	0.006	0.37	1.14	27.3	<0.2	<10	290	0.90	0.23	1.07	1.28	18.25	13.4	21
ZZ77216		0.12	0.002	0.22	0.53	21.6	<0.2	10	230	1.18	0.12	2.64	0.54	33.5	9.8	6
ZZ77217		0.18	0.006	0.51	0.69	72.7	<0.2	10	480	1.19	0.21	1.35	1.20	29.9	13.6	14
ZZ77218		0.22	0.003	0.24	1.07	19.5	<0.2	10	220	1.07	0.22	1.14	1.02	15.55	12.3	17
ZZ77219		0.20	0.004	0.08	1.23	22.9	<0.2	<10	290	1.00	0.25	1.40	0.17	15.60	12.8	21
ZZ77220		0.13	0.002	0.08	1.24	13.9	<0.2	10	240	1.42	0.22	1.81	0.18	31.8	15.1	22
ZZ77221		0.13	0.001	0.06	0.90	9.0	<0.2	<10	130	1.08	0.27	1.03	0.10	13.70	14.1	19
ZZ77222		0.24	0.002	0.26	1.32	43.0	<0.2	<10	580	0.99	0.23	0.93	0.66	18.35	12.3	24
ZZ77223		0.13	0.002	0.30	1.57	96.6	<0.2	<10	400	1.11	0.23	1.92	0.71	18.35	11.9	24
ZZ77224		0.17	0.002	0.12	1.89	63.2	<0.2	<10	230	1.13	0.25	2.52	2.45	26.7	10.8	27
ZZ77225		0.21	0.005	0.34	1.32	115.0	<0.2	<10	320	0.92	0.21	4.04	1.30	18.15	10.7	24
ZZ77226		0.25	0.003	0.23	1.61	64.7	<0.2	<10	340	1.07	0.24	2.12	1.16	23.2	12.0	26
ZZ77227		0.22	0.006	0.31	1.12	75.9	<0.2	<10	130	0.84	0.17	6.75	0.69	16.65	7.4	17
ZZ77228		0.26	0.022	0.46	1.14	135.5	<0.2	<10	110	1.11	0.17	9.52	0.78	15.95	9.2	18
ZZ77229		0.17	0.003	0.21	1.03	52	<0.2	<10	120	0.81	0.12	13.65	1.11	14.00	4.9	12
ZZ77230		0.27	0.001	0.34	0.84	73	<0.2	<10	70	0.83	0.10	15.15	0.92	13.80	4.7	11

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77191		0.85	16.3	2.47	3.14	<0.05	0.04	1.40	0.027	0.05	10.8	10.5	3.73	379	1.81	<0.01
ZZ77192		0.93	22.2	2.13	3.05	<0.05	0.04	1.02	0.023	0.06	10.2	9.9	4.84	501	1.81	0.01
ZZ77193		0.77	17.0	1.68	2.56	<0.05	0.02	1.16	0.020	0.04	7.5	7.8	4.74	494	1.36	0.01
ZZ77194		1.32	28.8	2.43	2.81	<0.05	0.02	2.72	0.033	0.05	8.1	6.8	2.98	369	2.68	<0.01
ZZ77195		2.26	58.8	3.19	1.51	0.05	0.02	0.11	0.041	0.07	3.5	1.2	0.02	49	10.60	<0.01
ZZ77196		1.91	50.3	2.17	1.07	0.06	0.07	0.27	0.031	0.07	4.1	1.8	0.04	82	5.50	<0.01
ZZ77197		2.04	50.3	2.32	1.13	<0.05	0.06	0.18	0.042	0.08	3.1	1.7	0.04	91	7.26	<0.01
ZZ77198		1.92	52.8	2.21	1.55	<0.05	0.04	0.19	0.031	0.06	2.2	1.6	0.04	69	4.67	<0.01
ZZ77199		3.25	37.5	3.21	2.85	0.09	0.02	0.23	0.032	0.20	9.6	6.0	0.05	92	10.65	<0.01
ZZ77200		5.54	73.1	4.26	5.48	0.06	<0.02	0.39	0.050	0.19	9.6	12.9	0.18	271	21.8	0.01
ZZ77201		2.97	16.3	3.80	8.03	<0.05	0.02	0.03	0.030	0.08	10.8	12.4	0.28	381	3.94	<0.01
ZZ77202		4.24	128.5	4.17	5.87	0.06	0.02	0.32	0.056	0.12	7.4	19.6	0.29	259	8.77	0.01
ZZ77203		2.70	45.7	4.40	6.15	<0.05	0.02	0.06	0.047	0.13	7.9	21.3	0.35	260	5.82	<0.01
ZZ77204		2.60	33.7	4.24	3.41	0.05	<0.02	0.05	0.057	0.26	4.8	3.5	0.07	69	5.74	0.01
ZZ77205		3.40	32.0	3.55	5.30	<0.05	<0.02	0.07	0.034	0.10	8.4	9.1	0.19	240	4.86	<0.01
ZZ77206		2.18	32.8	2.24	4.68	<0.05	<0.02	0.04	0.024	0.09	7.7	2.7	0.05	139	3.76	<0.01
ZZ77207		2.45	14.8	2.91	7.34	<0.05	<0.02	0.03	0.021	0.06	10.1	4.2	0.11	125	2.46	<0.01
ZZ77208		2.63	18.4	2.89	7.33	<0.05	<0.02	0.04	0.023	0.07	10.5	7.1	0.22	236	2.50	<0.01
ZZ77209		2.62	48.2	2.63	4.01	0.06	0.04	0.36	0.039	0.09	9.8	16.1	0.25	468	3.58	<0.01
ZZ77210		4.49	41.5	1.85	4.95	0.05	0.03	0.56	0.034	0.11	6.8	25.5	0.32	95	2.81	<0.01
ZZ77211		1.33	49.7	2.35	2.51	0.05	0.05	0.24	0.038	0.11	7.3	9.4	0.24	334	4.19	<0.01
ZZ77212		2.12	45.0	3.34	3.54	0.05	0.03	0.22	0.041	0.10	7.6	9.8	0.19	1260	7.30	<0.01
ZZ77213		2.51	40.1	2.60	3.11	<0.05	0.02	0.39	0.032	0.09	6.1	8.6	0.20	396	4.67	<0.01
ZZ77214		1.17	49.0	3.18	3.25	<0.05	0.04	0.24	0.039	0.08	7.6	16.5	0.37	603	8.12	<0.01
ZZ77215		1.10	50.8	3.28	3.53	<0.05	0.05	0.18	0.040	0.10	8.3	19.2	0.44	427	4.66	<0.01
ZZ77216		0.98	18.5	2.95	1.61	0.05	0.03	0.12	0.051	0.13	14.0	3.9	0.20	394	1.71	0.01
ZZ77217		0.75	44.5	4.70	2.16	0.07	0.07	0.18	0.065	0.28	17.3	6.4	0.10	256	4.71	<0.01
ZZ77218		0.80	28.1	3.07	3.34	<0.05	0.07	0.13	0.032	0.15	7.4	15.1	0.35	377	3.01	<0.01
ZZ77219		0.95	33.8	3.48	3.76	<0.05	0.08	0.13	0.034	0.09	7.7	25.8	0.45	680	0.63	<0.01
ZZ77220		0.77	30.2	3.76	3.38	0.06	0.09	0.10	0.041	0.13	13.9	21.5	0.48	671	0.98	<0.01
ZZ77221		1.47	34.2	3.16	3.04	<0.05	0.05	0.05	0.030	0.11	4.8	16.1	0.38	976	0.56	<0.01
ZZ77222		0.61	34.3	2.94	4.02	<0.05	0.06	0.24	0.034	0.07	8.6	20.3	0.38	362	1.50	<0.01
ZZ77223		0.92	31.1	2.87	4.34	<0.05	0.06	0.31	0.032	0.07	9.2	15.8	0.45	457	1.35	0.01
ZZ77224		0.93	14.9	3.20	5.44	<0.05	0.05	0.18	0.037	0.06	12.0	14.5	1.24	572	1.51	0.01
ZZ77225		0.91	43.4	2.73	3.78	<0.05	0.04	0.47	0.027	0.10	9.4	16.9	1.09	426	1.71	0.01
ZZ77226		0.87	22.4	2.87	4.71	<0.05	0.03	0.36	0.034	0.06	10.8	17.1	0.84	572	1.21	0.01
ZZ77227		0.65	14.8	2.23	3.09	<0.05	0.04	0.36	0.026	0.06	8.7	10.9	4.16	336	1.32	0.01
ZZ77228		1.04	20.8	2.38	3.17	<0.05	0.06	0.73	0.026	0.08	7.5	12.0	5.51	390	1.97	0.01
ZZ77229		0.86	8.2	1.39	2.47	<0.05	0.03	0.31	0.017	0.04	7.3	6.5	7.90	499	0.66	0.01
ZZ77230		0.67	6.9	1.22	1.89	<0.05	0.02	0.38	0.015	0.03	7.9	4.9	8.41	350	0.88	0.01

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VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ77191		0.50	24.9	740	51.0	7.3	<0.001	0.04	1.29	2.9	1.2	0.4	34.9	<0.01	0.02	1.3
ZZ77192		0.49	30.0	770	42.5	9.6	0.001	0.05	1.38	2.3	1.7	0.4	39.6	<0.01	0.03	0.9
ZZ77193		0.56	21.8	610	26.5	6.5	0.002	0.05	0.98	1.7	1.7	0.3	51.4	<0.01	0.02	0.6
ZZ77194		0.57	35.9	700	57.3	8.3	0.001	0.06	1.98	2.2	2.1	0.4	44.4	<0.01	0.03	0.5
ZZ77195		0.11	84.6	560	15.3	7.4	0.003	0.01	1.95	5.2	8.3	0.5	17.6	<0.01	0.14	1.3
ZZ77196		0.11	95.3	1000	10.3	7.9	0.012	0.11	1.29	7.5	8.1	0.3	163.5	<0.01	0.06	1.2
ZZ77197		0.07	79.6	810	11.2	8.3	0.006	0.03	1.35	7.2	6.1	0.4	79.6	<0.01	0.08	1.5
ZZ77198		0.11	71.7	850	10.6	7.6	0.004	0.05	1.01	5.3	8.4	0.4	72.7	<0.01	0.07	0.6
ZZ77199		0.11	58.7	7080	13.2	19.7	0.016	0.36	2.65	2.0	13.6	0.4	221	<0.01	0.12	0.7
ZZ77200		0.57	54.4	1850	26.8	21.1	0.006	0.35	3.55	2.6	9.1	0.8	84.4	<0.01	0.13	0.7
ZZ77201		1.57	14.9	680	17.4	15.5	<0.001	0.04	1.26	2.7	1.9	0.9	15.6	<0.01	0.08	3.4
ZZ77202		0.61	42.9	1160	22.5	17.2	0.001	0.16	2.82	2.9	4.8	0.8	59.9	<0.01	0.11	0.9
ZZ77203		0.79	29.1	800	18.1	15.0	<0.001	0.16	1.94	2.9	3.3	0.7	37.2	<0.01	0.11	1.9
ZZ77204		0.45	23.8	860	21.0	20.4	<0.001	0.50	3.22	2.6	4.9	0.6	147.0	<0.01	0.16	3.3
ZZ77205		1.31	24.3	560	22.2	18.4	0.001	0.04	2.35	2.3	3.3	0.7	19.2	<0.01	0.08	2.5
ZZ77206		0.76	25.5	450	17.2	20.6	<0.001	0.03	1.67	1.5	1.5	0.8	13.9	<0.01	0.06	0.9
ZZ77207		1.73	12.2	310	14.5	14.6	<0.001	0.01	1.08	1.6	0.8	1.0	8.1	<0.01	0.06	2.3
ZZ77208		1.18	13.6	360	16.0	14.0	<0.001	0.02	1.13	1.6	1.2	0.9	10.8	<0.01	0.07	1.0
ZZ77209		0.53	23.2	1180	17.2	14.7	0.001	0.09	1.46	3.8	3.7	0.5	25.5	<0.01	0.07	2.3
ZZ77210		0.39	30.4	1210	13.7	17.4	0.001	0.10	0.97	3.7	3.3	0.6	68.4	<0.01	0.07	1.1
ZZ77211		0.27	30.0	820	13.7	8.7	0.002	0.05	2.03	3.9	3.8	0.5	58.3	<0.01	0.07	3.7
ZZ77212		0.30	30.8	860	18.7	13.6	0.003	0.04	1.75	3.9	4.9	0.5	29.1	<0.01	0.08	3.4
ZZ77213		0.38	29.2	1070	15.3	11.4	0.001	0.06	1.76	3.1	2.9	0.5	25.8	<0.01	0.08	1.4
ZZ77214		0.40	92.8	750	20.2	7.4	0.002	0.07	3.03	3.9	3.3	0.4	54.7	<0.01	0.09	0.9
ZZ77215		0.38	51.8	690	16.0	8.3	0.003	0.06	1.65	5.4	2.3	0.4	37.9	<0.01	0.07	1.5
ZZ77216		0.59	22.0	1030	11.8	7.4	0.004	0.08	0.65	3.2	2.1	0.4	55.2	<0.01	0.02	1.1
ZZ77217		0.34	54.6	1430	33.8	11.0	0.002	0.45	1.38	6.4	9.3	0.5	77.1	<0.01	0.06	2.1
ZZ77218		0.48	27.1	590	16.9	12.3	0.002	0.06	1.29	3.8	1.9	0.5	47.6	<0.01	0.03	1.4
ZZ77219		0.47	23.0	490	17.0	8.3	<0.001	0.06	0.34	4.9	0.8	0.4	59.5	<0.01	0.05	2.0
ZZ77220		0.43	33.4	550	18.4	9.8	<0.001	0.05	0.22	5.4	0.9	0.5	72.0	<0.01	0.03	2.5
ZZ77221		0.64	21.1	550	18.0	11.3	<0.001	0.05	0.36	3.6	0.7	0.5	31.4	<0.01	0.03	1.6
ZZ77222		0.85	32.9	690	20.1	8.1	0.001	0.04	0.68	4.4	1.7	0.5	21.2	<0.01	0.05	2.9
ZZ77223		0.71	33.4	730	20.7	10.5	<0.001	0.08	0.76	2.9	1.5	0.5	25.5	<0.01	0.04	0.9
ZZ77224		1.00	22.7	460	28.1	10.1	<0.001	0.03	0.52	4.1	0.7	0.7	24.9	<0.01	0.05	1.8
ZZ77225		0.74	39.1	840	19.3	10.2	<0.001	0.07	1.08	2.6	1.2	0.4	31.1	<0.01	0.04	0.8
ZZ77226		0.91	25.4	720	22.4	7.8	0.001	0.05	0.64	2.8	1.0	0.5	25.1	<0.01	0.04	0.9
ZZ77227		0.65	20.4	680	28.7	8.9	<0.001	0.04	0.66	2.8	1.0	0.3	44.5	<0.01	0.03	1.3
ZZ77228		0.55	26.5	620	47.9	9.0	<0.001	0.03	0.84	3.7	0.8	0.4	55.3	<0.01	0.04	1.9
ZZ77229		0.41	11.4	710	18.8	10.3	<0.001	0.03	0.41	1.4	0.7	0.3	50.7	<0.01	0.01	0.4
ZZ77230		0.38	14.3	690	16.4	6.4	<0.001	0.03	0.88	1.1	0.5	0.2	71.0	<0.01	0.02	0.3

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77191		0.010	0.43	1.04	37	0.26	10.90	199	1.2
ZZ77192		0.014	0.56	1.47	39	0.18	10.50	183	1.1
ZZ77193		0.014	0.38	1.56	35	0.15	7.61	199	0.7
ZZ77194		0.012	0.68	2.93	48	0.26	11.65	381	0.7
ZZ77195		<0.005	0.14	2.70	45	<0.05	30.0	327	0.8
ZZ77196		<0.005	0.19	3.54	41	<0.05	33.1	202	3.7
ZZ77197		<0.005	0.09	2.29	29	<0.05	18.30	276	2.8
ZZ77198		<0.005	0.15	2.76	48	<0.05	21.4	205	1.3
ZZ77199		<0.005	1.44	6.34	127	0.07	14.15	164	0.8
ZZ77200		0.011	2.69	3.63	130	0.15	12.75	202	<0.5
ZZ77201		0.029	0.32	0.62	86	0.20	2.49	74	1.0
ZZ77202		0.009	1.11	3.75	83	0.13	11.35	188	<0.5
ZZ77203		0.012	0.66	0.99	98	0.14	3.37	137	0.6
ZZ77204		0.007	0.80	0.71	81	0.06	4.69	151	<0.5
ZZ77205		0.031	0.36	0.79	65	0.19	3.77	148	0.5
ZZ77206		0.020	0.26	0.54	65	0.12	2.96	148	<0.5
ZZ77207		0.039	0.22	0.46	77	0.19	2.04	57	<0.5
ZZ77208		0.031	0.32	0.59	79	0.16	2.77	68	<0.5
ZZ77209		0.008	0.51	2.07	53	0.12	16.10	111	1.1
ZZ77210		<0.005	0.80	3.06	75	0.07	13.50	84	0.7
ZZ77211		<0.005	0.28	1.56	47	<0.05	12.35	172	1.8
ZZ77212		<0.005	0.41	2.18	71	0.05	12.80	141	1.0
ZZ77213		0.005	0.41	1.87	77	0.13	8.43	197	<0.5
ZZ77214		0.007	0.55	4.05	194	0.10	10.80	522	1.4
ZZ77215		0.006	0.26	2.50	99	0.06	10.50	298	1.7
ZZ77216		<0.005	0.30	0.77	16	<0.05	11.20	148	1.3
ZZ77217		<0.005	0.36	1.08	33	<0.05	11.40	458	1.9
ZZ77218		0.005	0.23	1.15	33	0.07	9.95	179	2.3
ZZ77219		0.006	0.16	0.72	28	0.09	9.61	71	2.5
ZZ77220		<0.005	0.14	0.60	28	0.05	13.70	82	4.0
ZZ77221		0.009	0.10	1.35	22	0.20	9.82	65	1.2
ZZ77222		0.007	0.14	4.78	47	0.10	11.20	116	1.9
ZZ77223		0.006	0.27	4.64	56	0.13	11.40	129	1.6
ZZ77224		0.008	0.29	1.61	72	0.17	8.40	175	1.5
ZZ77225		0.010	0.39	1.72	49	0.20	12.35	173	1.3
ZZ77226		0.015	0.21	2.34	56	0.18	8.19	142	0.9
ZZ77227		0.011	0.40	1.59	40	0.15	7.83	118	1.2
ZZ77228		0.008	0.59	1.26	43	0.20	8.66	175	1.7
ZZ77229		0.011	0.18	0.77	30	0.14	5.82	164	0.7
ZZ77230		0.012	0.21	1.42	27	0.15	6.32	178	0.5

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VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ77231	0.20	0.007	1.86	0.79	448	<0.2	<10	90	2.01	0.12	13.70	1.26	16.10	6.7	16
ZZ77232	0.18	0.034	4.21	0.69	898	<0.2	10	110	1.62	0.14	14.00	4.20	14.95	6.7	17
ZZ77233	0.15	0.004	4.34	0.86	86.0	<0.2	<10	1740	0.76	0.15	2.08	1.75	10.10	5.3	65
ZZ77234	0.24	0.001	0.92	0.53	33.3	<0.2	<10	190	0.10	0.18	0.02	0.11	14.55	1.7	17
ZZ77235	0.13	0.006	2.50	0.66	29.3	<0.2	<10	2940	0.91	0.14	1.11	1.18	7.90	7.3	38
ZZ77236	0.16	0.001	0.24	0.63	43.4	<0.2	10	340	0.30	0.18	0.21	0.30	4.43	4.8	32
ZZ77237	0.23	0.002	0.36	1.59	33.0	<0.2	<10	520	0.74	0.25	0.13	0.62	19.15	15.8	28
ZZ77238	0.27	0.006	3.62	1.12	70.1	<0.2	10	1500	0.87	0.38	0.30	3.42	11.90	5.9	91
ZZ77239	0.16	0.006	1.08	1.35	96.7	<0.2	<10	1700	1.00	0.23	0.25	1.14	18.80	7.8	38
ZZ77240	0.22	0.011	1.89	0.84	77.9	<0.2	<10	1640	1.02	0.18	0.34	0.94	17.30	3.3	30
ZZ77241	0.16	0.030	3.94	1.75	2690	<0.2	<10	850	2.12	0.26	0.16	1.51	24.9	7.3	43
ZZ77242	0.24	0.008	7.49	0.93	233	<0.2	<10	530	0.28	0.40	0.02	0.52	14.50	2.3	32
ZZ77243	0.19	0.037	3.39	2.74	175.5	<0.2	<10	410	2.65	0.34	0.08	15.65	43.0	327	35
ZZ77244	0.29	0.001	0.77	0.61	67.7	<0.2	<10	370	0.19	0.35	0.02	0.25	18.30	2.2	12
ZZ77245	0.22	0.001	0.51	0.87	15.2	<0.2	<10	200	0.30	0.29	0.02	0.26	17.00	3.0	15
ZZ77246	0.24	0.003	0.55	0.70	125.5	<0.2	<10	150	0.25	0.35	0.03	0.23	22.3	4.4	14
ZZ77247	0.20	0.004	1.04	1.62	133.0	<0.2	<10	160	0.46	0.33	0.05	0.31	20.2	6.2	27
ZZ77248	0.37	0.003	0.43	1.11	100.5	<0.2	<10	160	0.44	0.29	0.03	0.30	17.15	5.9	18
ZZ77249	0.26	0.003	0.39	0.62	35.2	<0.2	<10	150	0.37	0.25	0.02	0.29	10.90	5.1	13
ZZ77250	0.20	0.011	0.52	0.92	16.5	<0.2	<10	360	0.50	0.25	0.13	1.58	18.75	6.2	20
ZZ77251	0.28	0.007	0.36	1.18	25.1	<0.2	<10	640	0.83	0.26	0.16	0.66	18.75	9.7	20
ZZ77252	0.15	0.002	0.50	0.98	24.1	<0.2	<10	350	0.76	0.18	1.01	9.09	16.80	10.0	21
ZZ77253	0.15	<0.001	0.93	0.95	17.5	<0.2	<10	360	0.97	0.17	2.17	3.23	26.7	9.7	31
ZZ77254	0.12	0.006	0.35	1.19	12.8	<0.2	<10	370	1.16	0.17	1.78	1.37	19.15	10.5	19
ZZ77255	0.17	<0.001	0.34	1.22	13.1	<0.2	<10	370	1.25	0.19	1.28	1.19	22.3	14.6	18
ZZ77256	0.16	0.002	0.19	1.22	15.8	<0.2	<10	280	1.10	0.18	1.07	0.79	24.9	14.3	20
ZZ77257	0.25	0.003	0.23	1.29	23.2	<0.2	<10	250	1.04	0.23	0.72	0.74	23.1	13.6	23
ZZ77258	0.23	0.002	0.38	1.15	35.6	<0.2	<10	230	0.97	0.29	0.28	0.89	15.15	12.8	21
ZZ77259	0.21	<0.001	0.31	1.13	27.7	<0.2	<10	250	1.38	0.24	0.45	0.93	21.8	14.7	17
ZZ77260	0.24	0.002	0.09	1.16	61.5	<0.2	<10	200	1.37	0.31	0.67	0.16	17.90	13.8	23
ZZ77261	0.26	0.005	0.39	1.37	54.6	<0.2	<10	430	1.16	0.25	0.84	0.78	17.35	16.0	25
ZZ77262	0.19	0.003	0.04	1.41	49.8	<0.2	<10	160	0.89	0.24	0.12	0.34	19.15	11.6	24
ZZ77263	0.19	0.001	0.06	1.21	41.6	<0.2	<10	200	0.65	0.23	0.16	0.26	15.60	9.5	21
ZZ77264	0.25	<0.001	0.14	1.65	53.2	<0.2	<10	290	1.03	0.24	0.76	0.96	19.20	11.4	28
ZZ77265	0.19	0.003	0.44	1.19	86.6	<0.2	<10	130	1.17	0.18	7.57	0.94	17.55	7.5	21
ZZ77266	0.23	0.006	0.50	1.42	85.8	<0.2	<10	210	1.42	0.22	3.06	0.55	26.8	12.2	26
ZZ77267	0.25	0.010	0.43	1.08	89.1	<0.2	<10	140	1.07	0.16	8.94	0.56	14.90	8.8	17
ZZ77268	0.17	0.010	0.46	1.25	90.0	<0.2	<10	130	1.05	0.19	6.48	0.55	15.40	10.0	20
ZZ77269	0.27	0.011	0.54	0.67	136	<0.2	<10	80	1.46	0.10	14.70	1.20	10.55	6.3	9
ZZ77270	0.18	0.005	0.74	1.68	289	<0.2	<10	220	1.43	0.21	4.87	1.01	20.1	9.6	27

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CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77231		0.95	16.5	2.04	1.97	<0.05	0.05	2.63	0.017	0.06	8.6	6.9	6.69	434	2.89	0.01
ZZ77232		0.90	16.8	2.48	2.00	<0.05	0.07	10.15	0.023	0.07	7.1	4.3	3.51	546	4.48	0.01
ZZ77233		1.48	41.3	2.18	2.74	<0.05	0.02	0.62	0.029	0.06	8.0	6.6	0.11	240	12.05	0.01
ZZ77234		1.96	11.0	1.09	4.53	<0.05	<0.02	0.05	0.011	0.05	7.7	0.9	0.03	32	6.80	<0.01
ZZ77235		1.71	103.5	2.28	1.77	0.06	0.04	0.59	0.031	0.06	5.2	2.7	0.06	148	4.46	<0.01
ZZ77236		1.79	40.7	2.88	2.55	<0.05	<0.02	0.07	0.026	0.07	2.4	1.6	0.05	42	8.34	<0.01
ZZ77237		1.65	40.5	3.96	4.91	<0.05	<0.02	0.06	0.038	0.10	8.9	30.8	0.43	442	3.99	<0.01
ZZ77238		5.32	66.9	3.26	3.31	0.06	<0.02	0.52	0.059	0.16	9.2	5.3	0.09	92	11.65	<0.01
ZZ77239		4.46	76.2	3.61	3.84	0.07	0.02	0.32	0.044	0.14	11.2	5.9	0.13	122	25.6	0.01
ZZ77240		2.69	86.0	2.45	2.73	0.07	<0.02	0.25	0.035	0.13	11.7	5.3	0.09	72	19.00	0.01
ZZ77241		3.46	217	6.62	3.38	0.13	0.04	1.04	0.134	0.22	13.2	3.1	0.05	70	23.2	0.02
ZZ77242		7.46	136.0	4.66	5.91	<0.05	<0.02	0.25	0.079	0.28	7.1	2.2	0.06	82	17.95	0.02
ZZ77243		12.45	347	6.02	6.31	0.12	0.06	2.44	0.075	0.33	15.9	30.8	0.41	14150	25.8	0.04
ZZ77244		3.61	28.7	3.87	4.82	<0.05	<0.02	0.04	0.052	0.33	8.0	1.8	0.04	72	7.73	0.06
ZZ77245		3.28	23.9	1.74	4.48	<0.05	<0.02	0.06	0.026	0.10	8.4	1.7	0.05	108	2.66	0.01
ZZ77246		3.37	26.0	2.38	5.35	<0.05	<0.02	0.07	0.028	0.09	11.1	1.7	0.05	147	3.17	<0.01
ZZ77247		3.18	25.4	4.01	6.24	<0.05	0.02	0.16	0.042	0.09	10.1	13.1	0.26	240	3.42	0.01
ZZ77248		4.62	36.8	3.37	4.53	<0.05	0.02	0.10	0.041	0.11	7.9	15.4	0.14	141	4.83	0.01
ZZ77249		4.02	49.2	2.21	2.55	<0.05	<0.02	0.12	0.038	0.11	4.8	2.1	0.05	104	3.32	<0.01
ZZ77250		3.49	39.5	1.99	3.40	<0.05	<0.02	0.20	0.029	0.10	8.7	6.9	0.19	169	2.82	<0.01
ZZ77251		2.51	58.4	3.08	4.03	<0.05	0.04	0.15	0.038	0.10	8.1	13.0	0.24	319	4.32	<0.01
ZZ77252		0.60	37.5	2.51	3.11	0.05	0.07	0.18	0.028	0.09	8.0	13.3	0.32	271	6.30	<0.01
ZZ77253		0.61	37.5	2.36	3.01	0.06	0.06	0.19	0.030	0.09	18.6	11.1	0.29	342	4.44	<0.01
ZZ77254		0.63	38.2	2.73	3.36	<0.05	0.06	0.15	0.030	0.10	9.6	15.9	0.32	362	2.38	<0.01
ZZ77255		0.69	36.1	2.89	3.51	<0.05	0.08	0.14	0.038	0.12	9.8	15.8	0.33	627	2.97	<0.01
ZZ77256		0.97	28.5	3.25	3.63	<0.05	0.07	0.10	0.041	0.10	10.9	15.2	0.33	734	1.87	<0.01
ZZ77257		1.01	41.6	3.48	4.06	0.05	0.06	0.12	0.031	0.10	10.2	20.0	0.43	508	2.14	<0.01
ZZ77258		1.32	35.5	3.53	4.41	<0.05	0.03	0.11	0.033	0.10	6.7	18.3	0.30	448	3.67	<0.01
ZZ77259		0.90	31.5	3.35	3.48	0.06	0.11	0.20	0.036	0.16	9.8	14.0	0.33	426	6.40	<0.01
ZZ77260		1.37	29.3	4.10	3.94	<0.05	0.06	0.28	0.042	0.10	7.3	17.4	0.34	995	0.70	<0.01
ZZ77261		0.74	42.4	3.37	4.07	<0.05	0.07	0.26	0.036	0.08	8.4	20.5	0.43	503	2.71	<0.01
ZZ77262		0.91	28.1	3.29	4.50	<0.05	0.02	0.11	0.031	0.07	9.3	23.4	0.36	233	2.60	<0.01
ZZ77263		0.65	20.6	2.98	4.20	<0.05	0.02	0.14	0.028	0.06	7.5	18.6	0.32	200	2.42	<0.01
ZZ77264		0.75	22.7	3.26	4.84	<0.05	0.05	0.14	0.033	0.09	10.3	21.0	0.41	309	1.51	0.01
ZZ77265		0.78	18.8	2.45	3.32	<0.05	0.08	0.49	0.027	0.08	11.0	11.1	3.99	255	1.66	0.01
ZZ77266		0.69	19.3	3.03	3.88	0.05	0.07	0.79	0.030	0.07	14.1	16.4	1.89	516	1.87	0.01
ZZ77267		0.77	17.0	2.21	2.84	<0.05	0.07	0.61	0.025	0.06	8.7	11.2	5.17	322	1.52	0.01
ZZ77268		0.93	21.1	2.54	3.50	<0.05	0.08	0.44	0.028	0.07	7.9	13.3	4.11	268	1.74	0.01
ZZ77269		0.81	12.5	1.42	1.85	<0.05	0.04	1.13	0.016	0.04	5.4	6.1	7.83	250	1.78	0.01
ZZ77270		1.30	18.3	3.19	4.52	<0.05	0.07	2.06	0.034	0.06	11.7	13.4	2.81	371	2.71	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77231		0.27	34.9	1050	112.0	10.0	<0.001	0.06	2.43	2.1	1.6	0.3	81.9	<0.01	0.03	0.7
ZZ77232		0.29	34.2	1240	330	7.4	0.001	0.11	4.59	2.3	1.5	0.4	51.4	<0.01	0.03	0.8
ZZ77233		0.42	72.3	2090	11.0	7.5	0.013	0.12	2.28	4.3	9.8	0.5	171.5	<0.01	0.06	0.4
ZZ77234		0.44	14.6	320	9.8	7.1	<0.001	0.03	0.80	0.7	2.0	0.7	25.4	<0.01	0.06	0.4
ZZ77235		0.28	104.5	980	8.8	8.0	0.009	0.10	1.03	6.3	11.6	0.4	113.5	<0.01	0.08	0.5
ZZ77236		0.27	71.9	400	9.8	10.0	0.002	0.02	1.11	2.4	12.9	0.6	32.6	<0.01	0.11	0.8
ZZ77237		0.60	40.7	700	18.8	12.5	0.001	0.02	1.01	3.5	2.4	0.5	22.4	<0.01	0.07	2.1
ZZ77238		0.26	97.3	4350	24.7	17.6	0.006	0.24	2.06	0.9	13.9	0.6	191.0	<0.01	0.28	<0.2
ZZ77239		0.42	92.6	2910	16.2	16.1	0.018	0.19	3.48	3.2	11.3	0.6	196.0	<0.01	0.15	1.4
ZZ77240		0.25	30.9	4870	14.0	12.6	0.039	0.22	3.78	0.8	11.5	0.4	214	<0.01	0.13	0.2
ZZ77241		0.27	122.5	3590	218	17.6	0.005	0.45	10.05	13.9	10.8	0.5	380	<0.01	0.32	3.3
ZZ77242		0.57	14.0	1160	33.1	23.0	<0.001	0.60	3.68	1.5	6.3	1.0	82.2	<0.01	0.20	0.3
ZZ77243		0.97	412	1740	43.2	29.5	0.001	0.72	5.72	19.6	8.3	0.9	116.5	<0.01	0.20	6.0
ZZ77244		0.88	11.3	840	35.4	25.8	<0.001	0.76	2.11	2.1	3.5	0.8	67.4	<0.01	0.12	4.8
ZZ77245		0.64	12.1	660	18.4	21.6	<0.001	0.06	0.96	0.6	0.8	0.8	12.4	<0.01	0.06	<0.2
ZZ77246		1.21	17.2	450	30.5	15.0	<0.001	0.07	1.44	1.6	1.2	0.8	17.4	<0.01	0.07	1.2
ZZ77247		1.90	19.0	560	32.2	18.0	<0.001	0.05	1.61	2.5	1.9	0.7	16.9	<0.01	0.09	3.1
ZZ77248		0.99	25.0	520	37.0	16.1	<0.001	0.12	2.10	2.6	2.7	0.6	25.6	<0.01	0.10	3.2
ZZ77249		0.34	22.1	890	28.3	13.4	0.001	0.10	1.75	0.8	2.5	0.4	22.2	<0.01	0.09	0.3
ZZ77250		0.40	24.1	1100	18.1	13.1	0.001	0.08	1.34	0.4	1.8	0.5	22.3	<0.01	0.06	<0.2
ZZ77251		0.44	36.8	950	17.6	14.7	0.001	0.06	1.77	4.0	2.6	0.5	26.2	<0.01	0.07	1.6
ZZ77252		0.41	154.5	840	12.3	7.8	0.007	0.06	2.63	3.2	4.4	0.4	39.0	<0.01	0.05	1.1
ZZ77253		0.39	99.6	1260	12.7	8.2	0.006	0.06	2.03	3.1	3.6	0.4	75.2	<0.01	0.07	1.1
ZZ77254		0.44	49.2	920	12.2	10.0	0.002	0.11	1.19	2.9	3.3	0.4	56.4	<0.01	0.04	0.7
ZZ77255		0.43	32.3	690	13.9	10.8	0.002	0.07	1.30	4.6	2.5	0.5	47.9	<0.01	0.05	1.4
ZZ77256		0.47	28.5	730	12.7	11.4	0.001	0.06	0.87	4.3	1.7	0.4	34.3	<0.01	0.04	1.3
ZZ77257		0.53	29.1	1030	16.2	10.9	0.001	0.06	0.81	4.5	1.5	0.4	29.7	<0.01	0.06	1.4
ZZ77258		0.52	27.2	350	18.9	14.2	0.001	0.01	1.48	4.4	1.7	0.6	21.6	<0.01	0.06	2.7
ZZ77259		0.40	34.5	240	18.2	12.3	<0.001	0.01	1.71	6.2	1.8	0.5	31.5	<0.01	0.02	5.1
ZZ77260		0.54	24.5	430	25.9	11.6	<0.001	0.03	0.26	6.6	1.0	0.6	35.8	<0.01	0.04	3.0
ZZ77261		0.56	50.3	710	23.1	8.8	<0.001	0.04	0.89	5.1	1.9	0.5	28.4	<0.01	0.07	2.8
ZZ77262		0.66	34.8	230	23.0	11.9	<0.001	0.02	0.71	3.5	1.2	0.5	13.6	<0.01	0.05	3.1
ZZ77263		0.70	26.5	190	19.5	9.1	<0.001	0.01	0.61	2.8	1.0	0.5	11.8	<0.01	0.06	2.5
ZZ77264		0.86	33.7	330	20.8	12.4	<0.001	0.02	0.53	4.6	1.0	0.5	16.5	<0.01	0.05	2.4
ZZ77265		0.51	27.0	850	18.3	8.5	0.001	0.03	0.67	4.0	1.5	0.4	49.2	<0.01	0.05	2.0
ZZ77266		0.79	32.9	510	27.8	7.6	<0.001	0.02	0.80	5.1	1.2	0.5	28.2	<0.01	0.04	3.3
ZZ77267		0.43	27.7	590	20.2	7.4	<0.001	0.02	0.59	3.7	1.6	0.3	48.6	<0.01	0.04	2.1
ZZ77268		0.48	31.7	460	22.3	8.8	<0.001	0.02	0.61	4.1	1.3	0.4	38.8	<0.01	0.04	2.1
ZZ77269		0.37	25.2	370	36.6	6.9	0.001	0.01	0.90	2.3	2.3	0.2	73.0	<0.01	0.03	1.0
ZZ77270		0.63	36.8	530	56.9	10.2	<0.001	0.02	1.21	4.8	1.9	0.5	35.5	<0.01	0.04	2.2

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77231		0.005	0.63	2.21	37	0.40	11.50	361	1.4
ZZ77232		0.005	4.62	4.19	37	0.68	13.05	1050	2.0
ZZ77233		0.007	0.31	9.35	105	0.32	29.4	331	1.1
ZZ77234		0.010	0.37	0.57	74	0.17	2.27	68	<0.5
ZZ77235		<0.005	0.19	6.34	63	0.08	39.9	227	1.6
ZZ77236		<0.005	0.19	0.92	96	0.06	6.43	250	<0.5
ZZ77237		0.008	0.29	0.71	70	0.10	6.08	176	0.5
ZZ77238		<0.005	1.22	8.53	116	0.20	28.8	372	<0.5
ZZ77239		0.007	1.98	5.55	141	0.17	16.30	378	0.6
ZZ77240		0.005	1.69	8.29	119	0.09	21.5	148	<0.5
ZZ77241		<0.005	3.49	21.1	252	0.15	35.6	481	1.0
ZZ77242		0.011	1.88	3.95	136	0.15	15.25	96	<0.5
ZZ77243		0.017	1.98	17.45	128	0.19	54.8	712	1.6
ZZ77244		0.020	0.83	0.60	106	0.16	2.74	118	<0.5
ZZ77245		0.012	0.18	0.64	64	0.12	2.26	75	<0.5
ZZ77246		0.032	0.35	0.58	78	0.19	2.75	108	<0.5
ZZ77247		0.033	0.34	0.65	75	0.25	2.99	116	0.8
ZZ77248		0.013	0.55	0.65	86	0.15	3.56	174	0.8
ZZ77249		0.007	0.29	0.87	46	0.07	3.32	156	<0.5
ZZ77250		0.011	0.27	1.11	42	0.13	9.09	113	<0.5
ZZ77251		0.006	0.52	1.33	80	0.09	11.80	171	1.0
ZZ77252		0.006	0.61	2.90	354	0.09	10.60	1200	2.2
ZZ77253		0.006	0.21	2.90	223	0.11	23.2	613	2.0
ZZ77254		0.005	0.18	3.62	103	0.08	11.05	195	2.1
ZZ77255		<0.005	0.18	2.27	40	0.05	12.60	150	2.6
ZZ77256		0.005	0.19	1.07	42	<0.05	10.75	152	1.9
ZZ77257		0.010	0.17	1.36	46	0.10	11.15	147	2.0
ZZ77258		0.007	0.32	0.89	41	0.09	7.54	173	1.2
ZZ77259		0.005	0.24	0.73	44	<0.05	12.85	221	3.7
ZZ77260		0.007	0.37	0.88	30	0.13	10.75	84	1.9
ZZ77261		0.006	0.20	1.52	56	0.09	12.75	172	2.2
ZZ77262		0.008	0.19	0.74	55	0.07	6.42	137	0.9
ZZ77263		0.008	0.16	0.53	54	0.08	3.74	121	0.8
ZZ77264		0.008	0.21	1.04	60	0.13	9.95	142	1.4
ZZ77265		0.006	0.27	1.91	50	0.16	13.35	132	2.2
ZZ77266		0.010	0.28	1.61	55	0.18	13.20	138	2.0
ZZ77267		0.005	0.29	1.26	37	0.14	10.00	129	1.9
ZZ77268		0.005	0.30	0.83	44	0.11	10.45	137	2.2
ZZ77269		0.006	0.49	1.34	32	0.18	7.43	222	1.3
ZZ77270		0.007	0.50	1.51	71	0.20	11.35	359	1.8

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Finalized Date: 5-JUL-2013
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CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77271		0.24	0.025	1.76	0.49	994	<0.2	<10	330	1.84	0.26	0.43	1.40	15.70	9.9	11
ZZ77272		0.30	0.008	2.16	2.02	142.0	<0.2	<10	1080	0.98	0.27	0.20	0.30	22.7	11.0	31
ZZ77273		0.21	0.007	5.76	3.58	119.5	<0.2	<10	330	1.12	0.30	0.08	1.46	28.6	7.9	54
ZZ77274		0.27	0.006	1.26	0.80	84.0	<0.2	<10	1200	1.05	0.19	0.05	0.52	5.77	5.9	74
ZZ77275		0.25	0.002	0.43	0.37	76.7	<0.2	<10	770	0.31	0.19	0.07	0.25	3.36	1.3	22
ZZ77276		0.26	0.001	0.29	0.39	43.2	<0.2	<10	430	0.26	0.20	0.08	0.25	7.93	3.1	22
ZZ77277		0.22	0.003	0.80	0.56	32.4	<0.2	<10	1110	0.50	0.18	0.21	0.52	6.80	4.9	25
ZZ77278		0.29	0.010	3.38	0.37	16.3	<0.2	10	890	0.25	0.38	0.06	0.52	6.24	1.3	30
ZZ77279		0.29	0.018	1.12	0.53	103.0	<0.2	10	880	0.54	0.29	0.12	1.18	10.05	6.1	19
ZZ77280		0.26	0.012	2.38	2.18	68.0	<0.2	<10	1000	1.15	0.29	0.07	0.34	30.0	6.9	46
ZZ77281		0.22	0.009	1.28	1.68	23.8	<0.2	<10	460	0.71	0.29	0.04	0.56	17.35	7.1	25
ZZ77282		0.24	0.002	0.63	0.80	16.2	<0.2	<10	240	0.29	0.26	0.02	0.27	11.90	4.2	15
ZZ77283		0.26	0.005	0.88	0.69	24.0	<0.2	<10	360	0.69	0.23	0.03	0.63	20.4	7.7	11
ZZ77284		0.26	0.003	0.52	1.20	13.6	<0.2	<10	200	0.38	0.35	0.04	0.19	20.4	4.9	20
ZZ77285		0.30	0.003	0.82	1.27	15.8	<0.2	<10	120	0.29	0.42	0.04	0.18	20.5	5.4	23
ZZ77286		0.23	0.003	0.20	1.06	17.1	<0.2	<10	110	0.28	0.35	0.04	0.14	25.3	4.8	20
ZZ77287		0.23	0.004	0.44	1.06	18.6	<0.2	<10	140	0.38	0.34	0.06	0.31	25.3	5.8	19
ZZ77288		0.22	0.007	0.39	1.50	34.3	<0.2	<10	240	0.74	0.26	0.15	0.66	27.5	11.2	24
ZZ77289		0.19	0.006	0.62	1.23	94.5	<0.2	<10	340	0.60	0.33	0.08	1.19	21.6	8.8	20
ZZ77290		0.31	0.003	0.56	1.48	37.8	<0.2	<10	150	0.46	0.30	0.07	1.59	19.25	8.2	28
ZZ77291		0.27	0.001	0.25	0.69	30.3	<0.2	<10	380	0.24	0.32	0.06	1.98	15.50	6.5	19
ZZ77292		0.23	0.003	0.38	1.51	132.5	<0.2	<10	690	1.06	0.25	0.34	3.59	32.8	11.9	43
ZZ77293		0.19	0.005	1.33	0.99	18.9	<0.2	<10	220	0.94	0.20	0.30	5.89	19.50	8.9	25
ZZ77294		0.20	0.001	0.14	1.50	20.2	<0.2	<10	310	0.95	0.24	0.21	0.54	20.7	11.4	20
ZZ77295		0.30	0.003	0.12	1.70	22.8	<0.2	<10	220	1.03	0.29	0.30	0.86	30.9	17.3	25
ZZ77296		0.17	0.007	2.29	1.30	35.2	<0.2	<10	470	1.20	0.21	1.57	7.84	24.8	10.8	22
ZZ77297		0.20	0.003	0.15	1.85	59.0	<0.2	<10	360	1.08	0.31	0.41	0.46	23.9	15.9	29
ZZ77298		0.24	0.003	0.09	1.91	20.8	<0.2	<10	320	1.43	0.36	0.35	0.14	30.9	16.5	32
ZZ77299		0.26	0.002	0.07	1.69	36.4	<0.2	<10	360	2.14	0.29	0.85	0.09	43.2	20.5	25
ZZ77300		0.27	0.001	0.11	0.94	94.4	<0.2	<10	230	0.44	0.28	0.20	0.57	11.65	12.9	24
ZZ77301		0.21	0.002	0.31	3.40	60.5	<0.2	<10	290	1.34	0.25	1.05	1.19	36.6	22.2	38
ZZ77302		0.23	0.001	0.17	1.15	27.7	<0.2	<10	180	0.42	0.24	0.58	0.47	19.50	5.1	20
ZZ77303		0.24	0.006	0.97	1.32	60.5	<0.2	<10	380	1.05	0.24	1.79	1.43	20.9	10.3	29
ZZ77304		0.23	0.004	0.36	1.09	43.1	<0.2	<10	400	0.74	0.25	3.57	1.61	16.80	12.2	24
ZZ77305		0.29	0.003	0.29	1.14	54.0	<0.2	<10	510	0.76	0.25	3.48	1.18	17.15	13.9	22
ZZ77306		0.15	0.004	0.31	1.05	37.2	<0.2	<10	510	0.76	0.21	2.48	1.01	13.95	10.9	19
ZZ77307		0.23	0.003	0.39	1.33	61.3	<0.2	<10	410	0.87	0.25	1.86	0.97	17.60	12.3	25
ZZ77308		0.17	0.004	0.36	1.37	75.0	<0.2	<10	550	0.96	0.24	2.98	1.21	16.50	12.0	23
ZZ77309		0.23	0.004	0.19	1.72	63.7	<0.2	<10	310	1.00	0.27	2.69	0.90	23.4	12.4	29
ZZ77310		0.23	0.003	0.23	1.85	41.8	<0.2	<10	370	0.89	0.28	1.03	1.00	27.2	10.9	30

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77271		3.35	82.5	2.79	1.69	0.05	0.06	2.49	0.044	0.13	6.4	2.2	0.08	137	5.55	<0.01
ZZ77272		3.57	21.5	3.08	5.50	<0.05	0.06	0.99	0.045	0.08	10.3	17.4	0.35	222	4.28	<0.01
ZZ77273		4.26	19.9	3.70	6.40	0.05	0.13	1.39	0.060	0.09	13.1	12.7	0.13	234	8.16	<0.01
ZZ77274		2.23	95.8	3.63	2.30	0.06	<0.02	0.42	0.039	0.06	3.3	3.1	0.04	124	6.74	<0.01
ZZ77275		2.60	37.7	0.92	1.78	<0.05	<0.02	0.15	0.037	0.08	1.9	1.0	0.02	59	3.80	<0.01
ZZ77276		2.47	27.7	1.69	2.83	<0.05	<0.02	0.05	0.020	0.07	3.9	1.4	0.03	41	5.19	<0.01
ZZ77277		1.84	45.4	2.26	2.38	<0.05	<0.02	0.12	0.029	0.07	3.4	1.9	0.04	55	8.13	<0.01
ZZ77278		2.93	11.7	1.45	2.29	<0.05	<0.02	0.24	0.041	0.20	4.8	1.8	0.03	28	4.00	<0.01
ZZ77279		0.91	52.5	3.64	2.43	0.11	<0.02	0.50	0.024	0.12	6.5	2.6	0.05	103	49.5	<0.01
ZZ77280		5.71	106.5	6.06	7.58	0.08	0.02	0.60	0.068	0.16	14.2	16.6	0.37	219	6.19	0.02
ZZ77281		2.29	45.3	4.48	5.09	<0.05	0.02	0.21	0.056	0.22	8.0	18.5	0.24	242	5.81	0.04
ZZ77282		2.14	33.5	2.44	4.00	<0.05	<0.02	0.04	0.032	0.11	5.7	2.1	0.06	195	3.60	0.01
ZZ77283		4.56	77.2	4.12	2.06	0.06	<0.02	0.11	0.068	0.27	7.7	5.2	0.09	130	5.21	0.03
ZZ77284		3.23	31.6	2.96	4.93	<0.05	<0.02	0.13	0.036	0.13	9.7	8.5	0.15	144	3.36	0.01
ZZ77285		2.67	23.7	3.38	6.49	<0.05	<0.02	0.07	0.032	0.08	10.4	10.5	0.22	190	3.31	0.01
ZZ77286		2.92	19.6	2.88	6.60	<0.05	<0.02	0.03	0.026	0.06	12.7	7.4	0.18	161	2.74	<0.01
ZZ77287		6.65	24.7	2.91	5.77	<0.05	<0.02	0.08	0.031	0.08	12.4	8.1	0.20	206	2.95	0.01
ZZ77288		7.03	36.0	3.08	4.23	0.05	0.02	0.18	0.039	0.11	12.2	16.9	0.39	366	2.49	0.01
ZZ77289		8.60	40.8	3.01	4.68	<0.05	<0.02	0.30	0.041	0.14	9.4	8.0	0.19	303	4.02	0.01
ZZ77290		2.80	28.9	3.26	6.03	<0.05	<0.02	0.10	0.034	0.09	9.9	12.0	0.24	344	14.05	0.01
ZZ77291		2.36	24.1	2.13	5.40	<0.05	<0.02	0.04	0.025	0.10	7.9	2.6	0.06	503	18.00	0.01
ZZ77292		1.64	55.5	4.50	4.61	0.07	0.03	0.16	0.041	0.09	13.8	17.6	0.26	577	17.90	0.01
ZZ77293		0.84	46.3	2.69	3.12	0.05	0.03	0.23	0.034	0.12	11.2	7.7	0.17	246	10.85	0.01
ZZ77294		1.44	32.4	3.42	4.55	<0.05	0.04	0.03	0.041	0.13	8.5	15.9	0.27	348	4.49	0.01
ZZ77295		1.80	43.2	4.28	4.77	0.05	0.04	0.05	0.043	0.13	11.7	26.6	0.46	605	3.38	0.01
ZZ77296		1.28	126.5	3.13	4.11	0.06	0.08	0.26	0.042	0.17	13.7	13.2	0.33	265	7.80	0.01
ZZ77297		2.19	46.0	4.12	5.78	0.05	0.06	0.20	0.044	0.10	11.4	22.0	0.47	905	1.48	0.01
ZZ77298		1.87	35.4	4.03	6.13	0.06	0.05	0.07	0.042	0.11	15.1	23.6	0.49	807	1.21	0.01
ZZ77299		2.02	41.4	4.72	4.54	0.09	0.03	0.29	0.054	0.13	19.6	18.5	0.33	779	1.65	0.01
ZZ77300		1.59	15.9	3.49	3.93	<0.05	<0.02	0.05	0.034	0.08	5.3	11.4	0.14	756	3.31	<0.01
ZZ77301		1.46	19.8	4.72	5.02	0.06	0.09	0.27	0.064	0.07	13.0	32.3	0.26	1260	2.80	0.01
ZZ77302		1.21	10.6	2.35	5.22	<0.05	<0.02	0.08	0.024	0.05	10.0	10.7	0.18	377	1.52	0.01
ZZ77303		1.06	25.9	3.29	3.60	0.06	0.07	0.72	0.043	0.11	12.2	17.2	0.79	738	2.49	0.01
ZZ77304		2.00	40.8	3.43	3.39	0.06	0.07	0.24	0.036	0.12	8.4	17.4	0.88	403	3.42	0.01
ZZ77305		1.85	39.2	3.56	3.62	0.05	0.08	0.24	0.039	0.11	8.2	18.4	0.96	451	3.02	0.01
ZZ77306		0.55	26.6	2.47	3.09	<0.05	0.06	0.22	0.029	0.08	7.2	13.0	0.46	472	1.48	0.01
ZZ77307		0.97	42.9	3.28	4.05	<0.05	0.06	0.35	0.034	0.10	9.2	16.5	0.85	400	2.28	0.01
ZZ77308		0.79	46.1	2.83	4.04	<0.05	0.05	0.39	0.032	0.09	8.7	14.5	0.99	519	2.05	0.01
ZZ77309		1.13	19.8	3.40	5.07	0.05	0.06	0.23	0.041	0.08	11.3	17.0	1.60	479	2.10	0.01
ZZ77310		1.06	20.3	3.01	5.71	<0.05	0.03	0.15	0.031	0.06	13.9	13.8	0.56	531	1.05	0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77271		0.19	58.6	1010	29.9	10.7	0.001	0.14	4.79	6.2	2.9	0.4	60.4	<0.01	0.09	4.4
ZZ77272		1.03	29.6	290	28.8	15.5	<0.001	0.07	1.49	4.1	3.2	0.7	23.9	<0.01	0.11	3.6
ZZ77273		1.69	34.6	2400	22.5	18.0	0.001	0.09	2.74	5.6	6.2	0.7	70.8	0.01	0.10	5.6
ZZ77274		0.21	97.3	990	12.6	9.3	0.001	0.06	1.42	6.7	12.7	0.5	55.3	<0.01	0.11	0.8
ZZ77275		0.24	10.4	650	25.7	8.8	0.003	0.06	1.26	2.8	7.8	0.3	155.0	<0.01	0.08	0.4
ZZ77276		0.44	41.6	400	9.7	13.5	0.001	0.04	0.86	2.0	4.2	0.5	42.5	<0.01	0.09	0.7
ZZ77277		0.25	69.3	850	10.8	10.1	0.002	0.04	1.23	2.1	4.8	0.5	38.0	<0.01	0.08	0.3
ZZ77278		0.18	12.5	650	21.6	24.8	0.007	0.35	0.67	1.2	8.7	0.6	68.8	<0.01	0.31	0.5
ZZ77279		0.30	84.6	1300	19.8	12.4	0.008	0.21	5.71	2.2	43.9	0.7	84.1	<0.01	0.26	1.1
ZZ77280		1.22	25.2	1180	19.4	19.9	0.001	0.20	5.87	5.7	5.2	1.1	46.8	<0.01	0.16	4.5
ZZ77281		0.97	19.6	850	20.2	20.0	<0.001	0.43	2.00	2.9	4.7	0.7	55.5	<0.01	0.11	3.1
ZZ77282		0.49	16.7	1120	15.7	19.4	<0.001	0.09	1.38	0.6	1.8	0.6	18.7	<0.01	0.09	0.2
ZZ77283		0.38	35.8	1090	22.7	18.9	<0.001	0.50	3.61	3.6	5.1	0.4	98.5	<0.01	0.15	3.7
ZZ77284		1.50	17.6	520	20.0	19.6	<0.001	0.13	1.49	2.4	2.1	0.7	29.5	<0.01	0.08	3.2
ZZ77285		1.77	18.2	420	17.0	17.1	<0.001	0.03	1.42	2.1	1.2	0.8	11.1	<0.01	0.06	2.6
ZZ77286		1.60	15.8	330	15.6	13.6	<0.001	0.02	1.25	1.9	1.0	0.8	10.3	<0.01	0.04	2.8
ZZ77287		1.47	17.1	560	17.0	14.7	<0.001	0.06	1.41	2.1	1.3	0.7	16.7	<0.01	0.06	2.9
ZZ77288		0.81	31.1	890	21.3	16.3	<0.001	0.06	1.26	3.1	2.2	0.5	26.2	<0.01	0.05	3.2
ZZ77289		0.42	26.1	1260	63.5	21.3	<0.001	0.12	2.14	0.9	2.4	0.7	30.1	<0.01	0.06	0.3
ZZ77290		0.47	38.4	920	16.1	15.3	0.001	0.04	4.19	0.8	4.8	0.8	13.0	<0.01	0.08	0.2
ZZ77291		0.20	29.4	1100	11.6	21.5	<0.001	0.07	2.85	0.2	2.4	0.9	11.9	<0.01	0.09	<0.2
ZZ77292		0.35	100.5	1450	19.0	12.2	0.004	0.08	4.94	2.5	6.1	0.6	24.2	<0.01	0.11	1.0
ZZ77293		0.22	57.6	1290	11.9	11.2	0.002	0.05	6.57	2.9	3.9	0.5	12.8	<0.01	0.08	0.9
ZZ77294		0.42	27.7	710	17.9	15.1	<0.001	0.04	1.68	3.2	1.9	0.6	14.0	<0.01	0.04	1.9
ZZ77295		0.39	38.3	710	21.7	12.2	<0.001	0.02	1.46	4.7	1.4	0.5	19.0	<0.01	0.05	3.6
ZZ77296		0.45	69.0	1950	17.7	13.4	0.002	0.12	4.12	5.1	3.7	0.6	50.3	<0.01	0.05	1.7
ZZ77297		0.47	29.9	1100	20.0	14.5	<0.001	0.05	0.59	6.4	1.3	0.6	25.2	<0.01	0.06	1.8
ZZ77298		0.73	36.3	520	21.1	17.8	<0.001	0.03	0.38	6.0	0.9	0.8	19.4	<0.01	0.04	3.2
ZZ77299		0.30	45.1	410	22.7	15.5	<0.001	0.01	0.23	8.2	1.2	0.7	36.4	<0.01	0.03	5.2
ZZ77300		0.77	30.2	1180	22.1	15.3	<0.001	0.03	0.90	2.0	1.5	0.5	20.4	<0.01	0.08	1.6
ZZ77301		1.63	38.7	5330	35.9	17.7	<0.001	0.03	0.82	4.9	1.6	0.5	24.6	0.01	0.04	6.0
ZZ77302		0.84	14.4	590	15.1	9.9	<0.001	0.03	0.49	1.9	0.7	0.6	19.3	<0.01	0.02	1.0
ZZ77303		0.38	47.5	1400	24.8	9.9	<0.001	0.04	2.03	6.9	2.0	0.5	38.8	<0.01	0.05	4.0
ZZ77304		0.31	50.5	940	20.9	9.7	0.003	0.03	1.20	5.0	2.3	0.5	56.4	<0.01	0.06	4.5
ZZ77305		0.38	46.7	860	21.3	9.8	0.002	0.05	0.94	5.1	1.8	0.5	56.0	<0.01	0.05	4.6
ZZ77306		0.48	30.9	710	17.8	7.7	0.001	0.07	0.87	3.2	1.3	0.4	42.3	<0.01	0.04	1.5
ZZ77307		0.53	44.8	800	22.5	9.5	<0.001	0.05	1.13	4.3	1.7	0.5	28.9	<0.01	0.05	2.0
ZZ77308		0.51	42.7	880	21.2	8.0	<0.001	0.08	1.13	2.8	1.8	0.5	35.2	<0.01	0.04	0.9
ZZ77309		0.74	34.1	550	25.2	12.2	<0.001	0.02	0.71	5.1	1.0	0.6	27.2	<0.01	0.05	3.8
ZZ77310		1.10	25.3	480	17.5	8.6	<0.001	0.03	0.53	4.0	0.9	0.6	20.9	<0.01	0.03	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77271		<0.005	1.70	1.99	59	0.84	17.40	271	2.1
ZZ77272		0.012	0.78	1.13	106	0.22	6.40	102	2.5
ZZ77273		0.020	0.70	3.14	118	0.33	8.19	262	5.1
ZZ77274		<0.005	0.95	2.92	122	0.15	28.3	286	0.5
ZZ77275		<0.005	1.88	1.20	42	0.10	6.00	55	<0.5
ZZ77276		0.007	0.65	0.69	68	0.10	4.45	154	<0.5
ZZ77277		<0.005	0.34	1.84	61	0.07	10.40	250	<0.5
ZZ77278		<0.005	0.27	2.00	38	0.08	7.00	79	<0.5
ZZ77279		0.005	6.22	3.45	181	0.13	12.40	424	<0.5
ZZ77280		0.015	0.94	6.51	163	0.17	10.60	123	0.9
ZZ77281		0.011	0.56	1.02	81	0.14	3.02	114	0.6
ZZ77282		0.008	0.26	0.71	62	0.10	2.54	117	<0.5
ZZ77283		0.009	0.67	1.30	37	0.06	8.14	255	<0.5
ZZ77284		0.028	0.36	0.68	63	0.18	2.93	105	0.5
ZZ77285		0.040	0.26	0.61	71	0.25	2.66	95	0.5
ZZ77286		0.036	0.25	0.60	68	0.23	2.75	73	<0.5
ZZ77287		0.039	0.36	0.79	64	0.28	3.52	88	<0.5
ZZ77288		0.019	0.58	1.18	54	0.17	6.74	146	0.7
ZZ77289		0.008	0.77	1.59	55	0.15	6.98	166	<0.5
ZZ77290		0.011	1.73	2.42	237	0.23	5.38	233	<0.5
ZZ77291		0.006	1.67	1.12	196	0.19	2.94	134	<0.5
ZZ77292		0.007	1.15	3.52	426	0.18	16.80	547	0.7
ZZ77293		0.005	0.37	3.36	258	0.11	16.35	505	1.1
ZZ77294		<0.005	0.25	1.09	57	0.06	6.84	167	1.3
ZZ77295		0.007	0.26	0.97	55	0.07	8.49	145	1.4
ZZ77296		0.007	0.37	3.31	101	0.18	17.60	454	3.3
ZZ77297		0.010	0.30	1.59	53	0.10	12.25	91	1.8
ZZ77298		0.010	0.21	0.88	44	0.16	14.40	79	1.5
ZZ77299		<0.005	0.27	0.91	35	<0.05	20.6	95	1.6
ZZ77300		0.010	0.23	0.95	82	0.11	6.00	191	<0.5
ZZ77301		0.011	0.29	2.96	75	0.13	16.30	205	3.6
ZZ77302		0.014	0.21	0.85	66	0.18	6.36	69	<0.5
ZZ77303		<0.005	0.27	1.93	62	0.08	24.5	202	2.7
ZZ77304		0.010	0.38	1.25	63	0.06	13.55	223	4.0
ZZ77305		0.009	0.30	1.06	49	0.07	12.45	188	3.9
ZZ77306		0.006	0.20	1.09	42	0.09	11.35	147	2.1
ZZ77307		0.007	0.25	1.58	53	0.12	13.80	173	2.0
ZZ77308		0.007	0.31	2.35	50	0.16	12.75	150	1.6
ZZ77309		0.008	0.27	1.60	63	0.15	11.35	186	2.1
ZZ77310		0.023	0.17	1.72	63	0.21	9.22	127	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115533

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	NSS is non-sufficient sample.
Applies to Method:	ALL METHODS
	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method:	ME-MS41
	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method:	ME-MS41

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- JUL- 2013
Account: RCM

CERTIFICATE WH13117178

Project: Nadaleen

P.O. No.: SO13- 03

This report is for 200 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77311		0.18	0.004	0.41	1.14	72.4	<0.2	<10	140	1.18	0.21	6.09	0.68	19.00	10.1	21
ZZ77312		0.26	0.005	0.49	1.30	76.5	<0.2	<10	180	1.16	0.25	4.14	0.60	19.75	11.1	23
ZZ77313		0.28	0.004	0.45	1.41	121.0	<0.2	<10	190	1.21	0.25	4.33	1.06	25.2	9.7	24
ZZ77314		0.16	0.003	0.62	1.80	145.0	<0.2	10	200	2.26	0.24	5.58	3.38	27.4	8.5	25
ZZ77315		0.21	0.630	0.59	0.64	390	0.5	10	170	0.62	0.11	12.80	0.66	7.91	6.2	13
ZZ77316		0.30	0.004	0.93	0.88	27.5	<0.2	10	900	0.73	0.18	3.17	0.97	14.90	8.4	21
ZZ77317		0.12	0.004	7.25	0.57	96.7	<0.2	10	1140	0.41	0.19	1.72	2.53	7.39	3.9	97
ZZ77318		0.11	0.004	1.78	0.63	36.1	<0.2	10	2300	0.59	0.18	0.87	1.30	5.67	4.8	32
ZZ77319		0.17	0.005	5.92	0.58	36.8	<0.2	10	1380	0.49	0.15	1.32	3.05	6.18	9.0	77
ZZ77320		0.24	0.002	2.34	1.23	110.5	<0.2	<10	1160	0.53	0.29	0.08	1.31	13.45	3.3	45
ZZ77321		0.24	0.009	2.76	1.14	64.5	<0.2	<10	820	0.75	0.21	0.04	0.67	14.45	6.8	32
ZZ77322		0.29	0.007	2.02	0.53	43.7	<0.2	<10	410	0.31	0.32	0.01	0.09	6.75	1.7	13
ZZ77323		0.22	0.001	0.37	0.64	20.7	<0.2	<10	390	0.55	0.27	0.05	1.58	7.99	10.3	13
ZZ77324		0.30	0.001	1.32	0.66	12.2	<0.2	<10	310	0.52	0.29	0.03	0.57	5.97	5.8	11
ZZ77325		0.32	0.003	1.16	0.64	11.8	<0.2	<10	620	0.54	0.28	0.10	1.28	8.88	12.5	10
ZZ77326		0.23	0.002	0.48	0.58	15.1	<0.2	<10	300	0.45	0.26	0.01	0.98	6.38	6.3	10
ZZ77327		0.27	0.002	0.46	0.57	10.2	<0.2	<10	170	0.35	0.25	0.01	0.63	5.12	5.9	8
ZZ77328		0.21	0.003	0.36	0.51	13.8	<0.2	<10	250	0.55	0.25	0.08	1.31	12.30	8.6	7
ZZ77329		0.30	<0.001	6.16	0.71	71.6	<0.2	<10	540	0.50	0.24	0.08	6.56	18.35	6.5	47
ZZ77330		0.21	0.003	0.94	1.17	36.7	<0.2	<10	320	0.59	0.28	0.12	4.36	20.6	11.4	29
ZZ77331		0.24	<0.001	0.08	0.60	26.1	<0.2	<10	120	0.16	0.33	0.04	0.73	16.85	3.4	18
ZZ77332		0.21	<0.001	0.20	1.14	26.3	<0.2	<10	310	0.68	0.23	0.38	3.24	18.80	6.0	55
ZZ77333		0.23	<0.001	0.35	0.89	17.4	<0.2	<10	170	0.95	0.21	0.44	2.06	31.9	9.8	20
ZZ77334		0.29	<0.001	0.20	0.74	14.5	<0.2	10	850	1.39	0.18	0.70	0.52	83.8	16.6	17
ZZ77335		0.23	0.001	0.07	2.01	31.4	<0.2	<10	160	0.82	0.27	0.11	0.55	20.0	16.6	29
ZZ77336		0.17	0.002	0.33	2.23	4.3	<0.2	10	1050	2.49	0.17	0.98	0.86	57.0	16.9	32
ZZ77337		0.32	0.003	0.07	1.68	18.2	<0.2	<10	210	1.23	0.25	0.22	0.46	26.6	13.8	27
ZZ77338		0.23	<0.001	0.15	1.96	8.3	<0.2	<10	720	1.26	0.23	0.99	0.11	23.5	9.9	26
ZZ77339		0.22	0.001	0.28	1.82	54.0	<0.2	<10	310	1.13	0.27	0.44	0.31	29.9	18.4	28
ZZ77340		0.26	0.002	0.04	2.09	38.4	<0.2	<10	110	1.07	0.29	0.05	0.23	29.0	27.0	32
ZZ77341		0.21	0.003	0.08	1.18	33.4	<0.2	<10	110	0.60	0.38	0.03	0.16	15.95	14.5	22
ZZ77342		0.19	<0.001	0.10	1.66	7.1	<0.2	<10	750	0.71	0.23	1.12	0.13	15.90	9.3	22
ZZ77343		0.15	<0.001	0.11	2.03	7.1	<0.2	<10	450	1.61	0.23	0.78	0.26	50.0	14.3	26
ZZ77344		0.26	<0.001	0.07	1.52	21.9	<0.2	<10	340	0.85	0.24	0.08	0.53	22.8	13.1	26
ZZ77345		0.21	<0.001	0.26	1.56	22.7	<0.2	<10	200	1.04	0.25	0.20	1.19	22.9	14.2	25
ZZ77346		0.24	0.025	5.23	0.92	44.3	<0.2	<10	300	1.51	0.21	7.51	11.10	24.9	8.0	35
ZZ77347		0.18	<0.001	0.13	1.72	18.0	<0.2	<10	190	0.62	0.23	0.15	0.56	35.4	12.4	32
ZZ77348		0.19	0.008	2.60	0.81	23.9	<0.2	10	210	1.32	0.19	7.24	36.2	31.0	6.8	48
ZZ77349		0.22	<0.001	0.17	0.90	35.5	<0.2	<10	290	0.81	0.24	0.35	2.91	14.30	5.3	31
ZZ77350		0.26	<0.001	0.69	0.56	43.9	<0.2	<10	120	0.14	0.31	0.03	0.60	14.50	3.9	22

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Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77311		0.69	23.3	2.59	3.24	<0.05	0.07	0.40	0.030	0.06	10.1	12.0	3.59	423	2.08	0.01
ZZ77312		0.81	25.2	2.93	3.93	<0.05	0.07	0.40	0.032	0.07	10.1	14.2	2.35	467	2.03	0.01
ZZ77313		1.01	17.8	2.68	4.07	<0.05	0.05	0.50	0.030	0.06	12.3	11.5	1.94	419	2.59	<0.01
ZZ77314		1.01	13.2	2.87	4.49	<0.05	0.06	0.57	0.034	0.06	12.5	11.4	2.99	992	1.27	<0.01
ZZ77315		0.97	15.1	1.62	1.76	<0.05	0.06	1.57	0.017	0.06	4.4	3.7	7.07	390	2.06	0.01
ZZ77316		0.80	31.5	2.48	2.63	0.06	0.07	0.72	0.034	0.06	7.7	11.6	1.10	341	3.33	0.01
ZZ77317		3.10	47.4	2.07	2.23	0.13	0.08	0.49	0.034	0.10	6.7	2.7	0.05	70	52.6	0.01
ZZ77318		1.88	75.7	1.98	2.06	<0.05	0.06	0.35	0.035	0.07	3.4	3.3	0.08	62	8.20	<0.01
ZZ77319		1.82	56.2	2.51	2.31	0.06	0.06	0.53	0.037	0.10	5.7	3.2	0.07	149	18.05	0.01
ZZ77320		1.86	27.2	4.58	6.01	<0.05	0.04	0.15	0.054	0.15	7.8	4.6	0.09	61	19.60	0.01
ZZ77321		3.65	65.3	4.91	3.41	0.05	0.05	0.25	0.051	0.17	7.3	7.5	0.14	244	12.70	0.02
ZZ77322		5.17	42.9	4.73	2.77	0.05	0.03	0.20	0.059	0.33	3.5	1.2	0.03	17	10.45	0.01
ZZ77323		3.72	50.8	2.68	2.48	<0.05	0.03	0.06	0.040	0.13	3.5	5.3	0.12	448	3.79	<0.01
ZZ77324		2.45	61.9	2.38	2.22	<0.05	0.04	0.07	0.045	0.13	2.9	4.2	0.08	84	4.03	<0.01
ZZ77325		2.66	69.8	2.14	2.09	<0.05	0.04	0.13	0.044	0.15	3.7	4.0	0.07	1540	3.80	<0.01
ZZ77326		3.23	50.3	2.66	2.40	<0.05	0.03	0.08	0.041	0.12	2.9	4.1	0.08	116	4.33	<0.01
ZZ77327		3.14	50.2	2.27	2.41	<0.05	0.04	0.05	0.037	0.11	2.5	2.2	0.05	62	4.76	<0.01
ZZ77328		8.62	60.3	2.49	1.72	<0.05	0.03	0.10	0.042	0.13	5.3	2.3	0.04	124	5.71	<0.01
ZZ77329		5.01	112.0	3.99	3.55	0.17	0.04	0.17	0.058	0.18	14.3	2.1	0.05	94	102.5	0.02
ZZ77330		1.80	35.1	2.97	4.91	0.05	0.03	0.13	0.031	0.07	11.5	6.4	0.19	476	32.0	<0.01
ZZ77331		1.39	22.7	1.96	6.54	<0.05	0.02	0.03	0.020	0.05	8.6	1.3	0.04	87	22.9	<0.01
ZZ77332		0.96	59.4	2.44	4.83	0.05	0.03	0.04	0.029	0.07	12.2	6.4	0.14	294	17.40	<0.01
ZZ77333		0.88	36.0	3.24	2.54	0.05	0.04	0.05	0.040	0.08	13.7	5.3	0.09	281	9.94	<0.01
ZZ77334		1.25	18.4	3.49	2.32	0.11	0.05	0.10	0.069	0.12	44.2	4.0	0.10	930	2.34	0.01
ZZ77335		1.86	32.9	3.79	5.27	<0.05	0.08	0.05	0.042	0.10	8.2	23.7	0.46	716	4.04	<0.01
ZZ77336		1.49	19.0	4.78	4.57	0.10	0.11	0.05	0.060	0.15	25.3	19.7	0.42	685	1.30	0.01
ZZ77337		2.13	28.9	4.20	4.36	<0.05	0.06	0.04	0.046	0.09	7.8	33.5	0.36	534	1.93	<0.01
ZZ77338		1.76	16.8	3.31	5.49	<0.05	0.09	0.04	0.042	0.08	10.0	12.7	0.26	527	1.38	0.01
ZZ77339		2.40	44.9	4.62	5.14	0.06	0.09	0.22	0.045	0.08	12.5	23.0	0.48	1080	1.12	<0.01
ZZ77340		1.92	58.7	4.81	5.71	0.05	0.09	0.09	0.040	0.10	11.5	37.1	0.74	949	0.83	<0.01
ZZ77341		1.31	25.3	3.65	4.41	<0.05	0.05	0.06	0.043	0.15	6.4	13.4	0.21	559	1.08	<0.01
ZZ77342		1.68	14.2	2.49	5.92	<0.05	0.07	0.02	0.029	0.07	6.9	11.2	0.21	621	1.84	0.01
ZZ77343		1.41	16.2	3.87	5.09	0.06	0.09	0.04	0.047	0.12	15.0	19.2	0.40	1000	2.11	<0.01
ZZ77344		1.44	26.0	3.51	4.72	<0.05	0.04	0.03	0.039	0.11	6.6	17.4	0.33	604	3.43	<0.01
ZZ77345		2.04	34.8	3.81	4.50	<0.05	0.05	0.07	0.044	0.14	8.1	15.2	0.33	632	4.62	<0.01
ZZ77346		1.44	320	3.02	2.53	0.11	0.09	0.65	0.038	0.14	12.9	5.7	3.39	654	29.8	<0.01
ZZ77347		2.17	21.0	4.00	5.55	<0.05	0.03	0.06	0.046	0.09	14.1	17.6	0.38	538	5.54	<0.01
ZZ77348		0.94	132.0	1.88	3.23	0.11	0.05	0.42	0.028	0.10	18.2	6.2	0.97	227	58.0	0.01
ZZ77349		0.97	61.3	2.64	4.36	0.05	0.03	0.04	0.037	0.06	8.3	5.3	0.12	162	63.4	<0.01
ZZ77350		1.53	31.1	2.17	5.85	0.05	0.03	0.04	0.025	0.07	7.6	1.4	0.04	62	54.5	<0.01

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Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77311		0.34	31.1	750	20.9	8.0	<0.001	0.04	0.95	4.1	1.3	0.4	33.1	<0.01	0.04	2.2
ZZ77312		0.52	34.1	600	24.7	8.8	<0.001	0.03	0.97	4.3	1.3	0.5	33.4	<0.01	0.04	2.9
ZZ77313		0.62	28.2	500	28.2	8.7	<0.001	0.04	1.17	3.5	1.2	0.5	36.8	<0.01	0.04	1.9
ZZ77314		0.61	20.0	620	87.6	9.9	<0.001	0.06	1.46	2.7	0.8	0.6	36.5	<0.01	0.04	1.4
ZZ77315		0.16	27.4	750	17.2	5.9	<0.001	0.05	1.17	1.5	0.7	0.3	65.6	<0.01	0.02	0.6
ZZ77316		0.42	34.7	730	17.0	6.4	0.005	0.07	1.25	4.5	2.7	0.4	70.2	<0.01	0.05	1.7
ZZ77317		0.16	125.0	4590	11.9	12.0	0.018	0.12	8.47	4.7	18.0	0.7	362	<0.01	0.14	2.6
ZZ77318		0.23	61.3	940	12.8	7.1	0.011	0.14	1.40	3.6	7.0	0.5	98.7	<0.01	0.07	0.5
ZZ77319		0.20	84.4	2180	10.7	9.6	0.019	0.23	2.04	5.0	8.9	0.5	188.5	<0.01	0.10	0.9
ZZ77320		0.71	29.6	4110	21.5	16.3	0.001	0.27	2.53	1.8	5.7	0.8	90.1	<0.01	0.15	1.3
ZZ77321		0.53	56.7	1910	17.1	16.7	0.001	0.31	5.04	2.8	6.9	0.6	82.4	<0.01	0.14	3.5
ZZ77322		0.28	19.2	1790	25.6	20.7	0.001	0.55	6.46	1.7	8.0	0.7	75.7	<0.01	0.19	3.0
ZZ77323		0.28	31.7	990	17.8	16.3	0.001	0.05	2.60	1.2	1.7	0.5	16.5	<0.01	0.13	0.4
ZZ77324		0.30	28.2	890	18.0	14.8	<0.001	0.05	2.78	1.6	2.3	0.5	12.7	<0.01	0.11	1.1
ZZ77325		0.22	36.5	1230	19.6	13.8	<0.001	0.06	2.54	1.5	2.4	0.4	19.7	<0.01	0.10	0.8
ZZ77326		0.33	30.9	630	16.6	14.8	<0.001	0.02	2.42	2.3	2.0	0.5	9.9	<0.01	0.08	1.2
ZZ77327		0.32	26.6	430	14.3	17.4	<0.001	0.01	1.70	2.5	1.7	0.5	6.9	<0.01	0.08	1.8
ZZ77328		0.22	40.9	1160	20.6	14.3	0.002	0.05	2.95	2.2	2.6	0.4	19.2	<0.01	0.07	1.9
ZZ77329		0.27	179.0	1810	20.8	16.8	0.004	0.34	42.8	4.0	42.4	0.9	44.2	<0.01	0.32	1.2
ZZ77330		0.37	70.7	900	15.5	12.8	0.002	0.07	11.70	0.4	8.0	0.7	17.6	<0.01	0.11	<0.2
ZZ77331		0.32	39.1	520	12.8	8.9	<0.001	0.04	6.38	0.2	3.3	1.0	8.8	<0.01	0.11	<0.2
ZZ77332		0.24	61.4	1660	14.3	13.5	0.001	0.08	6.14	0.4	5.6	0.7	14.8	<0.01	0.12	<0.2
ZZ77333		0.22	49.4	1630	16.6	11.2	0.002	0.04	5.37	1.2	3.5	0.4	12.6	<0.01	0.07	0.5
ZZ77334		0.50	31.6	1140	12.4	7.2	<0.001	0.04	0.42	8.8	1.4	0.7	35.3	<0.01	0.02	5.6
ZZ77335		0.63	31.6	870	21.9	16.5	<0.001	0.02	1.60	3.6	1.7	0.7	10.9	<0.01	0.06	2.7
ZZ77336		0.36	45.3	590	14.0	17.8	<0.001	0.04	0.18	7.5	1.2	0.8	42.2	<0.01	0.02	3.4
ZZ77337		0.45	29.3	1100	21.3	13.1	<0.001	0.06	0.72	2.5	1.2	0.6	13.5	<0.01	0.04	1.1
ZZ77338		0.50	20.3	1660	14.0	14.9	<0.001	0.08	0.32	2.8	0.8	0.7	41.7	<0.01	0.03	1.1
ZZ77339		0.48	32.9	740	25.3	13.4	<0.001	0.03	0.84	6.0	1.5	0.5	18.9	<0.01	0.08	2.3
ZZ77340		0.34	41.5	360	21.9	10.1	<0.001	0.01	0.55	5.6	0.8	0.4	8.4	<0.01	0.10	3.8
ZZ77341		0.52	18.3	380	22.4	16.7	<0.001	0.13	0.44	3.0	0.4	0.7	33.7	<0.01	0.06	3.2
ZZ77342		0.50	15.0	1390	12.2	11.9	<0.001	0.07	0.35	1.7	0.6	0.9	33.0	<0.01	0.02	0.7
ZZ77343		0.45	31.4	990	16.3	20.7	<0.001	0.04	0.44	4.4	0.9	0.7	23.1	<0.01	0.02	2.4
ZZ77344		0.50	27.7	790	18.3	16.1	<0.001	0.04	1.68	1.7	1.4	0.6	8.5	<0.01	0.05	0.7
ZZ77345		0.42	30.2	1300	20.9	19.3	0.001	0.05	2.11	1.9	2.2	0.6	13.4	<0.01	0.05	0.7
ZZ77346		0.30	112.0	2660	19.4	9.8	0.006	0.07	10.10	4.6	24.4	0.5	76.2	<0.01	0.35	3.0
ZZ77347		0.65	30.6	1220	14.1	10.9	<0.001	0.11	1.49	1.2	1.7	0.7	18.6	<0.01	0.07	0.3
ZZ77348		0.28	174.0	580	17.4	11.5	0.004	0.07	13.20	4.2	8.8	0.7	136.0	<0.01	0.17	1.6
ZZ77349		0.28	127.5	740	14.7	9.7	0.003	0.09	6.10	0.4	7.9	0.8	15.7	<0.01	0.23	<0.2
ZZ77350		0.64	80.1	600	20.6	12.2	0.001	0.06	19.30	0.8	10.2	1.0	17.2	<0.01	0.19	0.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ77311		0.006	0.25	1.43	44	0.15	11.95	129	1.9
ZZ77312		0.008	0.26	1.22	50	0.21	12.60	134	2.1
ZZ77313		0.010	0.58	1.25	49	0.35	11.15	161	1.5
ZZ77314		0.011	0.77	1.53	56	0.51	8.92	863	1.6
ZZ77315		0.005	2.01	1.37	32	0.36	5.36	253	1.5
ZZ77316		0.005	0.30	2.37	44	0.09	14.95	136	2.0
ZZ77317		<0.005	2.00	16.60	230	0.35	29.9	475	2.9
ZZ77318		<0.005	0.22	3.90	57	0.18	14.25	158	1.0
ZZ77319		<0.005	0.37	7.48	100	0.19	29.0	536	1.6
ZZ77320		0.013	2.48	2.26	219	0.23	3.31	158	<0.5
ZZ77321		0.008	1.45	2.95	155	0.11	6.11	325	1.1
ZZ77322		<0.005	0.66	0.70	98	<0.05	2.84	147	<0.5
ZZ77323		0.007	0.30	0.78	42	0.07	3.16	230	<0.5
ZZ77324		0.005	0.28	0.87	40	0.05	3.11	207	0.5
ZZ77325		<0.005	0.23	1.18	37	<0.05	7.63	247	<0.5
ZZ77326		0.005	0.37	0.62	44	0.05	3.07	249	<0.5
ZZ77327		0.005	0.36	0.53	47	<0.05	1.99	213	0.5
ZZ77328		<0.005	0.47	1.55	39	<0.05	6.50	293	<0.5
ZZ77329		0.008	5.27	10.05	606	0.32	34.7	791	0.5
ZZ77330		0.014	2.13	3.80	326	0.27	13.80	415	<0.5
ZZ77331		0.012	1.54	1.33	305	0.23	3.05	158	<0.5
ZZ77332		0.005	0.53	3.34	569	0.24	12.70	332	<0.5
ZZ77333		<0.005	0.26	3.63	176	0.13	15.05	292	0.5
ZZ77334		<0.005	0.40	0.59	19	<0.05	23.1	113	0.9
ZZ77335		0.007	0.34	1.09	72	0.14	4.93	182	1.7
ZZ77336		<0.005	0.18	0.81	39	<0.05	20.2	84	4.0
ZZ77337		0.006	0.14	1.28	42	0.11	7.04	122	1.0
ZZ77338		<0.005	0.20	1.50	49	0.09	7.84	56	2.1
ZZ77339		0.006	0.40	1.17	52	0.11	14.35	88	1.6
ZZ77340		0.006	0.20	0.62	51	0.08	4.93	88	2.0
ZZ77341		0.006	0.24	0.53	33	0.12	3.21	72	0.8
ZZ77342		0.005	0.23	1.33	53	0.12	3.98	43	1.2
ZZ77343		<0.005	0.20	0.73	37	0.07	12.00	82	2.6
ZZ77344		0.009	0.22	0.97	56	0.09	4.80	161	0.5
ZZ77345		0.008	0.26	1.72	61	0.10	6.61	223	0.6
ZZ77346		<0.005	0.20	5.92	301	0.06	19.95	1080	2.1
ZZ77347		0.017	0.64	1.09	92	0.20	5.24	101	<0.5
ZZ77348		0.007	0.61	11.60	1100	0.22	51.6	1380	1.0
ZZ77349		0.009	1.06	5.42	483	0.32	13.00	385	<0.5
ZZ77350		0.024	2.38	1.65	418	0.35	3.77	335	<0.5

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77351	0.30	0.002	4.81	0.53	89.4	<0.2	<10	360	0.62	0.23	0.04	5.44	13.50	5.3	34
ZZ77352	0.30	<0.001	3.33	0.41	37.9	<0.2	<10	290	0.47	0.22	0.10	1.89	9.58	3.0	24
ZZ77353	0.24	0.004	0.47	0.33	39.9	<0.2	<10	540	0.53	0.22	0.08	0.65	10.80	7.2	7
ZZ77354	0.25	0.005	0.55	0.34	21.0	<0.2	<10	250	0.62	0.25	0.02	0.84	8.34	9.2	6
ZZ77355	0.22	0.007	0.88	0.36	18.2	<0.2	<10	430	0.67	0.24	0.20	1.63	19.40	9.5	6
ZZ77356	0.27	0.006	0.78	0.40	11.8	<0.2	<10	280	0.51	0.22	0.08	0.79	12.60	6.8	6
ZZ77357	0.22	0.003	0.56	0.37	11.7	<0.2	<10	380	0.43	0.23	0.28	0.65	6.20	4.9	6
ZZ77358	0.26	0.006	0.83	0.73	30.2	<0.2	<10	690	0.76	0.26	0.20	1.81	12.85	11.9	14
ZZ77359	0.26	0.006	0.53	0.60	30.6	<0.2	<10	750	0.56	0.26	0.14	1.42	10.35	7.2	12
ZZ77360	0.32	0.006	0.89	1.11	125.0	<0.2	<10	680	1.33	0.27	0.25	2.38	17.35	19.1	25
ZZ77361	0.16	0.003	1.95	0.50	35.2	<0.2	<10	1730	0.57	0.17	0.75	2.28	8.76	3.5	22
ZZ77362	0.13	0.029	0.47	1.03	111.5	<0.2	<10	370	0.88	0.18	3.87	1.13	16.50	8.9	18
ZZ77363	0.20	0.010	0.48	1.36	89.4	<0.2	<10	760	1.26	0.24	2.16	1.41	18.25	11.7	24
ZZ77364	0.20	0.002	0.41	1.23	59.3	<0.2	<10	560	1.03	0.24	1.91	1.41	21.5	13.2	23
ZZ77365	0.18	0.002	0.31	1.10	38.9	<0.2	<10	350	0.94	0.25	1.59	0.96	19.65	12.6	20
ZZ77366	0.38	0.002	0.24	0.95	16.4	<0.2	<10	250	0.83	0.22	2.28	1.02	20.4	12.6	19
ZZ77367	0.18	0.002	0.33	0.83	47.4	<0.2	<10	600	0.70	0.19	3.40	1.23	14.05	10.3	15
ZZ77368	0.21	0.003	0.36	1.07	60.0	<0.2	<10	350	0.91	0.24	1.51	1.14	17.55	13.4	21
ZZ77369	0.23	0.002	0.36	1.17	42.4	<0.2	<10	360	0.86	0.23	1.37	0.79	15.05	12.1	21
ZZ77370	0.17	0.002	0.34	1.16	34.5	<0.2	<10	350	0.84	0.21	1.48	0.70	14.60	11.5	21
ZZ77371	0.12	0.020	0.42	1.06	138.0	<0.2	<10	280	1.05	0.19	4.50	0.99	14.70	9.4	19
ZZ77372	0.15	0.003	0.42	1.01	190.0	<0.2	<10	300	1.06	0.17	6.57	1.58	15.30	9.9	18
ZZ77373	0.26	0.006	0.38	1.06	206	<0.2	<10	360	1.04	0.19	5.47	1.95	17.60	10.6	19
ZZ77374	0.21	0.005	0.36	1.19	149.0	<0.2	<10	410	1.01	0.22	3.73	1.71	19.35	11.8	21
ZZ77375	0.17	0.003	0.35	1.09	47.0	<0.2	<10	270	0.86	0.21	1.32	0.89	17.20	11.2	21
ZZ77376	0.21	0.006	0.61	2.12	63.2	<0.2	<10	280	1.76	0.20	1.73	2.19	52.6	13.2	34
ZZ77377	0.18	0.003	0.32	1.03	44.0	<0.2	<10	550	0.84	0.20	1.00	0.70	16.35	10.2	21
ZZ77378	0.22	0.003	0.59	1.47	102.0	<0.2	<10	570	1.38	0.20	0.81	0.51	24.2	10.0	32
ZZ77379	0.24	0.002	0.66	0.51	27.8	<0.2	10	250	1.01	0.10	1.69	0.92	30.9	10.9	10
ZZ77380	0.27	0.010	1.79	0.42	20.6	<0.2	<10	90	0.78	0.22	1.02	4.29	22.5	11.5	24
ZZ77381	0.23	0.003	2.42	0.25	21.3	<0.2	<10	100	0.83	0.16	3.02	15.00	15.05	10.2	13
ZZ77382	0.21	0.002	2.37	0.39	23.8	<0.2	10	280	1.01	0.16	9.46	14.95	21.2	5.0	51
ZZ77383	0.23	0.008	4.57	0.43	30.3	<0.2	10	460	1.13	0.15	7.39	24.8	20.8	3.8	94
ZZ77384	0.17	0.010	3.85	0.46	29.6	<0.2	10	440	1.12	0.15	6.98	16.70	19.30	3.9	89
ZZ77385	0.18	0.004	3.24	0.48	26.3	<0.2	10	440	1.06	0.12	5.73	18.90	18.50	3.7	89
ZZ77386	0.16	<0.001	2.36	0.50	22.7	<0.2	10	310	0.92	0.12	4.26	11.40	17.65	4.8	64
ZZ77387	0.15	0.007	0.83	0.46	40.6	<0.2	10	650	0.64	0.20	0.90	2.63	13.50	8.1	10
ZZ77388	0.09	0.005	0.46	0.43	25.0	<0.2	10	600	0.52	0.17	0.89	2.01	11.20	7.0	8
ZZ77389	0.20	0.007	0.41	0.52	32.4	<0.2	<10	640	0.75	0.22	0.17	1.00	15.35	7.3	9
ZZ77390	0.25	0.006	0.47	0.46	28.0	<0.2	<10	530	0.67	0.23	0.13	1.14	12.70	7.9	7

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77351		5.61	96.4	3.21	3.03	0.10	0.03	0.21	0.049	0.12	10.1	0.9	0.02	27	109.0	<0.01
ZZ77352		3.72	56.9	2.05	2.81	0.08	<0.02	0.16	0.036	0.11	6.7	0.9	0.02	69	74.3	<0.01
ZZ77353		4.90	65.5	2.38	1.56	<0.05	<0.02	0.33	0.040	0.11	4.7	1.1	0.03	121	6.75	<0.01
ZZ77354		4.59	69.1	2.61	1.49	<0.05	<0.02	0.24	0.039	0.09	3.7	1.2	0.03	143	5.93	<0.01
ZZ77355		10.35	71.7	2.25	1.60	0.05	0.02	0.41	0.038	0.11	8.2	1.9	0.06	229	5.23	<0.01
ZZ77356		3.73	57.3	2.12	1.50	<0.05	<0.02	0.24	0.038	0.12	5.4	3.1	0.05	85	5.02	<0.01
ZZ77357		2.62	52.7	1.71	1.54	<0.05	0.02	0.13	0.030	0.12	2.6	2.6	0.07	133	4.16	<0.01
ZZ77358		4.51	59.6	2.62	2.70	<0.05	<0.02	0.26	0.038	0.14	5.6	8.1	0.17	532	3.83	<0.01
ZZ77359		6.60	54.9	2.20	2.42	<0.05	<0.02	0.19	0.036	0.13	4.6	9.3	0.14	184	3.86	<0.01
ZZ77360		8.19	52.9	3.65	3.64	0.05	0.02	0.22	0.051	0.14	8.4	21.6	0.22	535	8.47	0.01
ZZ77361		4.50	41.8	1.65	1.85	<0.05	0.03	0.45	0.033	0.07	5.3	2.3	0.05	40	3.72	<0.01
ZZ77362		0.81	34.5	2.31	3.09	<0.05	0.04	1.60	0.026	0.05	8.4	11.0	1.46	574	1.89	0.01
ZZ77363		0.62	42.1	2.85	3.89	<0.05	0.06	0.99	0.034	0.07	9.9	16.9	0.60	572	1.91	0.01
ZZ77364		0.68	33.2	2.94	3.86	<0.05	0.05	0.53	0.036	0.07	10.4	17.3	0.79	587	1.97	<0.01
ZZ77365		0.68	34.4	3.13	3.51	<0.05	0.06	0.38	0.035	0.07	9.5	17.6	0.75	486	2.13	<0.01
ZZ77366		0.99	33.4	2.97	3.20	<0.05	0.07	0.33	0.031	0.08	9.6	16.8	1.03	485	2.19	0.01
ZZ77367		0.72	36.2	2.33	2.72	<0.05	0.04	0.29	0.027	0.07	6.9	13.6	0.93	470	2.04	0.01
ZZ77368		1.07	41.4	3.11	3.49	<0.05	0.07	0.76	0.035	0.09	8.7	19.0	0.77	488	2.43	0.01
ZZ77369		0.68	36.2	2.77	3.52	<0.05	0.05	0.28	0.033	0.08	9.7	19.1	0.33	466	1.49	<0.01
ZZ77370		0.85	31.2	2.66	3.41	<0.05	0.05	0.23	0.032	0.07	9.2	19.4	0.33	411	1.32	<0.01
ZZ77371		0.78	26.4	2.40	3.20	<0.05	0.05	0.81	0.030	0.07	8.5	16.1	1.89	331	1.35	0.01
ZZ77372		0.71	26.1	2.34	3.00	<0.05	0.05	0.81	0.024	0.07	8.3	11.8	2.82	457	1.45	0.01
ZZ77373		0.87	30.1	2.51	3.09	<0.05	0.05	0.82	0.026	0.08	9.3	12.1	2.08	519	1.71	0.01
ZZ77374		0.71	30.6	2.69	3.54	<0.05	0.05	0.61	0.032	0.08	11.8	15.6	0.69	531	1.67	0.01
ZZ77375		0.61	30.9	3.03	3.39	<0.05	0.05	0.30	0.033	0.06	8.7	17.4	0.54	534	2.03	0.01
ZZ77376		0.79	22.5	3.52	3.40	0.10	0.10	0.49	0.042	0.05	32.5	19.1	0.90	1220	2.62	0.01
ZZ77377		0.39	28.7	2.88	3.29	<0.05	0.04	0.21	0.032	0.05	8.9	15.8	0.29	357	2.10	<0.01
ZZ77378		0.80	23.7	3.04	3.78	0.08	0.06	0.49	0.039	0.05	21.6	15.9	0.27	330	2.46	<0.01
ZZ77379		0.60	42.9	3.64	1.40	0.07	0.06	0.19	0.050	0.10	16.7	1.7	0.10	324	10.30	<0.01
ZZ77380		0.45	78.2	2.14	1.72	0.06	0.03	0.24	0.048	0.10	17.5	1.4	0.03	67	16.80	<0.01
ZZ77381		0.61	45.6	2.27	1.08	0.05	0.07	0.26	0.030	0.09	10.2	1.4	1.29	154	15.90	<0.01
ZZ77382		0.51	111.5	1.53	2.33	0.08	0.04	0.50	0.025	0.10	15.4	3.4	2.51	94	39.0	0.01
ZZ77383		0.58	144.5	1.29	2.87	0.10	0.05	0.77	0.024	0.10	18.2	3.7	1.51	69	43.8	0.01
ZZ77384		0.77	131.0	1.28	2.62	0.09	0.05	0.68	0.024	0.10	16.9	4.2	1.59	79	33.0	0.01
ZZ77385		0.66	110.0	1.08	2.57	0.11	0.05	0.51	0.022	0.09	17.6	4.1	1.13	78	27.0	0.01
ZZ77386		0.63	84.0	1.13	2.25	0.08	0.05	0.44	0.022	0.08	15.3	5.5	0.96	123	12.75	<0.01
ZZ77387		2.55	61.2	2.03	1.72	<0.05	0.04	0.50	0.034	0.09	6.3	3.2	0.14	220	13.00	<0.01
ZZ77388		2.48	37.6	1.81	1.49	<0.05	0.07	0.32	0.027	0.10	4.6	3.9	0.16	269	7.49	0.01
ZZ77389		2.64	58.4	2.75	1.74	0.05	0.04	0.35	0.036	0.10	6.0	3.7	0.07	184	7.50	<0.01
ZZ77390		2.99	50.9	2.06	1.56	<0.05	0.04	0.30	0.037	0.11	4.8	3.0	0.06	155	4.39	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77351		0.19	191.5	1750	23.4	14.7	0.003	0.17	47.6	1.4	27.5	0.9	38.5	<0.01	0.29	0.2
ZZ77352		0.15	108.5	1420	19.0	14.2	0.002	0.18	24.0	0.3	18.2	0.9	34.2	<0.01	0.25	<0.2
ZZ77353		0.11	50.8	600	14.8	11.1	0.003	0.02	2.64	3.3	2.0	0.5	26.2	<0.01	0.08	2.1
ZZ77354		0.11	52.0	560	16.7	11.3	0.002	0.01	2.56	3.1	2.3	0.4	15.3	<0.01	0.07	2.4
ZZ77355		0.11	50.7	760	15.5	15.4	0.002	0.03	2.70	3.6	3.3	0.5	29.9	<0.01	0.08	2.1
ZZ77356		0.12	37.3	500	15.2	13.1	0.001	0.01	2.00	2.8	2.3	0.4	17.7	<0.01	0.08	2.5
ZZ77357		0.14	26.9	540	12.5	12.3	<0.001	0.01	1.89	2.0	1.7	0.4	24.3	<0.01	0.06	1.1
ZZ77358		0.25	36.0	700	18.5	14.6	0.001	0.04	1.98	2.7	2.1	0.5	32.1	<0.01	0.08	0.9
ZZ77359		0.28	32.6	500	16.5	18.4	0.001	0.04	1.97	2.6	2.3	0.5	30.5	<0.01	0.06	1.6
ZZ77360		0.50	88.2	1000	30.7	21.9	0.001	0.16	3.37	3.2	4.0	0.7	62.2	<0.01	0.13	2.6
ZZ77361		0.23	34.7	920	8.9	9.1	0.006	0.19	1.43	2.5	5.0	0.5	74.9	<0.01	0.07	1.4
ZZ77362		0.48	36.4	780	21.8	6.2	0.001	0.08	1.30	2.4	2.8	0.4	46.3	<0.01	0.03	0.7
ZZ77363		0.45	36.9	920	23.4	7.1	<0.001	0.08	1.14	2.7	2.2	0.5	25.5	<0.01	0.05	0.8
ZZ77364		0.51	36.4	760	25.0	7.3	<0.001	0.04	1.07	3.4	1.5	0.4	30.3	<0.01	0.05	1.4
ZZ77365		0.46	38.1	760	22.4	6.8	0.001	0.03	0.99	4.4	1.3	0.4	35.3	<0.01	0.05	2.6
ZZ77366		0.39	38.6	740	18.4	7.1	0.001	0.01	1.01	4.7	0.7	0.5	47.0	<0.01	0.03	4.8
ZZ77367		0.38	34.0	780	18.3	6.0	0.001	0.07	1.26	2.6	2.5	0.3	67.2	<0.01	0.04	0.9
ZZ77368		0.43	47.1	790	22.6	7.9	0.002	0.03	1.07	4.5	1.7	0.4	36.0	<0.01	0.06	2.8
ZZ77369		0.42	40.7	840	19.2	7.1	0.001	0.06	0.75	3.7	1.8	0.4	29.2	<0.01	0.05	1.5
ZZ77370		0.43	35.6	830	17.4	8.5	0.003	0.06	0.67	3.6	1.5	0.4	28.7	<0.01	0.04	1.6
ZZ77371		0.42	41.8	860	25.7	7.6	0.001	0.06	1.08	2.9	1.5	0.4	40.8	<0.01	0.04	1.1
ZZ77372		0.40	45.5	790	29.3	6.9	<0.001	0.05	1.17	2.7	1.3	0.4	53.4	<0.01	0.04	1.0
ZZ77373		0.40	47.5	790	29.0	7.8	<0.001	0.04	1.19	3.0	1.4	0.4	46.7	<0.01	0.03	1.0
ZZ77374		0.51	53.7	970	24.0	7.5	<0.001	0.07	1.21	2.7	1.5	0.5	38.5	<0.01	0.03	0.9
ZZ77375		0.64	35.7	830	20.8	6.1	0.001	0.04	0.96	4.2	1.3	0.4	27.5	<0.01	0.05	1.9
ZZ77376		0.78	49.2	1060	26.8	9.9	0.001	0.03	1.31	10.4	2.3	0.4	29.8	0.01	0.04	4.6
ZZ77377		0.73	36.0	420	20.2	5.2	<0.001	0.03	0.88	4.1	1.5	0.4	28.0	<0.01	0.05	1.8
ZZ77378		0.56	36.5	650	19.7	7.7	0.001	0.04	0.86	7.8	2.8	0.5	24.7	<0.01	0.05	2.1
ZZ77379		0.24	57.2	1710	13.4	5.2	0.002	0.11	2.58	4.5	2.6	0.4	63.0	<0.01	0.06	1.6
ZZ77380		0.09	120.0	2390	15.4	5.7	0.003	0.04	5.45	4.7	6.1	0.6	38.2	<0.01	0.19	1.7
ZZ77381		0.06	89.4	630	15.0	5.3	0.004	0.04	16.15	4.5	5.8	0.4	45.2	<0.01	0.09	2.3
ZZ77382		0.11	197.5	1330	12.7	6.9	0.006	0.06	12.15	3.3	7.7	0.6	186.0	<0.01	0.12	1.5
ZZ77383		0.11	254	2030	10.8	8.2	0.010	0.10	19.65	2.4	14.8	0.5	189.0	<0.01	0.19	0.6
ZZ77384		0.12	316	2000	9.4	8.0	0.008	0.09	14.40	2.7	10.1	0.5	176.0	<0.01	0.16	0.8
ZZ77385		0.13	274	2400	8.1	8.0	0.011	0.11	13.25	2.3	9.5	0.5	161.0	<0.01	0.14	0.6
ZZ77386		0.16	188.5	1790	7.7	6.5	0.010	0.09	7.65	2.6	6.4	0.4	118.0	<0.01	0.11	0.7
ZZ77387		0.16	72.6	830	13.6	9.8	0.016	0.08	5.59	3.2	5.3	0.4	62.8	<0.01	0.08	1.6
ZZ77388		0.24	44.3	700	10.9	8.8	0.022	0.09	3.43	2.7	5.6	0.3	56.2	<0.01	0.04	1.9
ZZ77389		0.22	34.1	700	14.2	10.5	0.005	0.03	2.65	3.9	3.5	0.4	24.4	<0.01	0.09	3.1
ZZ77390		0.20	30.5	620	16.1	10.6	0.003	0.02	1.89	3.3	2.2	0.4	22.6	<0.01	0.09	2.7

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77351		<0.005	4.88	8.48	581	0.36	25.5	983	<0.5
ZZ77352		<0.005	3.03	6.38	359	0.28	8.86	477	<0.5
ZZ77353		<0.005	0.74	1.46	46	<0.05	7.81	272	<0.5
ZZ77354		<0.005	0.61	1.30	40	<0.05	5.27	270	<0.5
ZZ77355		<0.005	0.80	1.72	32	<0.05	19.85	266	<0.5
ZZ77356		<0.005	0.42	1.27	32	<0.05	8.88	206	<0.5
ZZ77357		<0.005	0.31	0.76	33	<0.05	7.27	180	<0.5
ZZ77358		0.006	0.42	1.14	46	0.07	10.30	173	<0.5
ZZ77359		0.006	0.42	0.99	45	0.07	6.59	191	<0.5
ZZ77360		0.008	1.03	1.91	95	0.15	11.80	535	0.5
ZZ77361		<0.005	0.37	3.77	47	0.09	11.25	121	1.2
ZZ77362		0.008	0.41	3.58	42	0.15	11.55	153	1.0
ZZ77363		0.006	0.23	2.15	51	0.13	14.60	149	1.6
ZZ77364		0.008	0.21	2.05	51	0.13	12.20	162	1.4
ZZ77365		0.007	0.18	1.20	52	0.09	12.30	173	1.7
ZZ77366		0.013	0.19	0.94	49	0.12	11.20	172	3.2
ZZ77367		0.006	0.21	2.57	38	0.09	10.55	136	1.4
ZZ77368		0.007	0.27	1.08	46	0.10	12.65	182	2.1
ZZ77369		0.005	0.17	1.21	41	0.12	16.85	161	1.5
ZZ77370		0.005	0.17	1.48	39	0.08	15.40	149	1.4
ZZ77371		0.007	0.43	1.36	44	0.29	13.80	221	1.5
ZZ77372		0.006	0.35	1.62	48	0.35	13.15	260	1.4
ZZ77373		0.007	0.38	1.41	49	0.26	14.95	249	1.3
ZZ77374		0.008	0.28	1.95	53	0.22	18.20	239	1.3
ZZ77375		0.007	0.16	1.43	51	0.08	13.90	157	1.5
ZZ77376		0.007	0.20	3.20	77	0.12	48.8	194	2.7
ZZ77377		0.007	0.12	0.97	53	0.07	14.10	140	1.3
ZZ77378		<0.005	0.19	2.30	72	0.11	48.8	134	1.6
ZZ77379		<0.005	0.30	1.92	56	<0.05	14.15	151	2.3
ZZ77380		<0.005	0.21	6.64	221	0.10	23.9	426	1.1
ZZ77381		<0.005	0.29	4.06	233	0.11	18.25	874	3.0
ZZ77382		<0.005	0.44	7.91	628	0.25	38.2	964	1.7
ZZ77383		<0.005	0.68	10.70	832	0.26	41.3	1640	1.8
ZZ77384		<0.005	0.64	8.39	733	0.21	39.2	1690	1.8
ZZ77385		<0.005	0.72	9.43	707	0.18	38.4	1650	2.5
ZZ77386		<0.005	0.48	6.24	410	0.14	32.0	1070	1.9
ZZ77387		<0.005	0.59	3.54	119	0.05	15.15	396	1.4
ZZ77388		<0.005	0.40	2.24	60	0.05	9.95	259	1.3
ZZ77389		<0.005	0.40	2.24	56	<0.05	15.00	187	0.7
ZZ77390		<0.005	0.36	1.53	40	<0.05	11.70	154	0.6

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description / Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77391	0.33	0.004	0.41	1.12	35.3	<0.2	<10	360	0.87	0.21	1.87	1.66	14.35	11.9	23
ZZ77392	0.18	0.005	0.46	1.13	58.4	<0.2	<10	400	0.83	0.24	1.07	1.76	19.45	14.0	24
ZZ77393	0.18	0.007	0.36	1.31	82.7	<0.2	<10	300	0.92	0.23	1.16	1.26	15.60	14.4	24
ZZ77394	0.18	0.024	0.50	1.28	265	<0.2	<10	360	1.01	0.23	1.62	2.32	17.05	14.1	25
ZZ77395	0.24	0.035	0.67	1.10	409	<0.2	<10	180	1.05	0.23	4.05	3.17	17.60	14.1	23
ZZ77396	0.23	0.046	0.50	1.27	484	<0.2	<10	310	1.10	0.21	3.61	1.70	15.60	15.1	23
ZZ77397	0.28	0.037	0.30	0.92	187.0	<0.2	<10	300	0.83	0.14	9.08	1.23	11.10	9.5	16
ZZ77398	0.18	0.060	0.35	1.03	161.0	<0.2	<10	360	0.92	0.16	4.97	1.51	12.15	10.2	18
ZZ77399	0.16	0.006	0.36	1.22	154.5	<0.2	<10	310	1.26	0.20	4.36	1.54	17.05	10.2	22
ZZ77400	0.18	0.005	0.39	1.14	149.0	<0.2	<10	310	1.10	0.20	4.90	2.18	17.60	11.7	22
ZZ77401	0.12	0.011	0.47	1.17	360	<0.2	10	530	1.29	0.19	2.14	1.30	12.35	10.0	22
ZZ77402	0.16	0.003	0.28	0.99	71.2	<0.2	<10	270	0.84	0.15	4.61	1.05	9.59	9.9	18
ZZ77403	0.17	0.001	0.25	1.11	33.2	<0.2	<10	320	0.74	0.16	1.73	0.62	9.71	10.8	20
ZZ77404	0.14	0.004	0.23	0.86	17.0	<0.2	10	540	0.60	0.14	3.04	0.36	6.19	8.4	17
ZZ77405	0.23	0.005	0.56	1.62	66.4	<0.2	<10	360	1.30	0.23	0.82	1.16	13.80	15.5	33
ZZ77406	0.25	0.010	0.45	1.25	236	<0.2	<10	260	1.47	0.21	5.60	1.30	16.90	12.1	24
ZZ77407	0.29	0.010	0.34	1.89	351	<0.2	<10	290	2.00	0.24	4.79	2.41	27.4	14.0	32
ZZ77408	0.12	0.006	0.32	1.38	231	<0.2	<10	370	1.26	0.20	2.45	2.04	16.20	11.1	23
ZZ77409	0.21	0.007	0.39	1.09	156.5	<0.2	<10	360	1.06	0.21	4.16	1.75	18.05	12.5	21
ZZ77410	0.23	0.001	0.20	0.88	5.6	<0.2	10	410	1.54	0.17	3.52	0.20	25.2	12.6	15
ZZ77411	0.17	<0.001	0.18	0.84	8.6	<0.2	10	300	1.07	0.15	2.67	1.09	20.1	9.6	14
ZZ77412	0.17	0.001	0.19	0.47	15.4	<0.2	<10	230	0.95	0.10	1.37	0.57	29.4	12.4	7
ZZ77413	0.24	0.007	1.54	0.42	29.7	<0.2	<10	140	1.07	0.20	0.49	11.30	15.80	8.6	18
ZZ77414	0.18	0.006	2.93	0.55	52.3	<0.2	10	290	1.06	0.19	8.46	23.1	21.3	5.0	63
ZZ77415	0.24	0.005	2.32	0.49	21.8	<0.2	10	410	1.14	0.15	5.92	18.90	21.8	4.1	69
ZZ77416	0.17	0.003	1.90	0.47	20.5	<0.2	10	430	0.92	0.12	6.65	11.00	21.3	3.9	65
ZZ77417	0.20	0.004	1.11	0.27	19.9	<0.2	10	150	0.78	0.14	6.91	9.15	14.70	7.6	17
ZZ77418	0.22	0.003	1.52	0.41	24.1	<0.2	10	170	0.87	0.14	8.70	14.70	17.10	5.6	34
ZZ77419	0.22	0.006	1.36	0.49	21.5	<0.2	10	220	0.88	0.15	5.19	8.89	16.50	5.3	34
ZZ77420	0.29	0.005	0.43	0.95	66.8	<0.2	<10	370	0.77	0.22	2.11	1.69	18.95	12.6	20
ZZ77421	0.27	0.005	0.41	1.17	77.6	<0.2	<10	300	0.93	0.26	2.15	1.57	18.35	12.8	23
ZZ77422	0.20	0.003	0.29	1.14	44.0	<0.2	<10	400	0.80	0.21	2.06	1.14	15.05	12.2	22
ZZ77423	0.15	0.006	0.18	1.29	31.5	<0.2	<10	330	0.85	0.20	1.58	0.60	8.17	12.2	22
ZZ77424	0.14	0.003	0.22	1.33	50.2	<0.2	<10	330	0.93	0.18	1.93	0.69	8.88	11.7	23
ZZ77425	0.17	0.004	0.19	1.39	48.0	<0.2	<10	390	0.94	0.20	1.66	0.50	7.61	12.7	23
ZZ77426	0.22	0.058	1.96	0.75	347	<0.2	<10	90	1.23	0.15	10.40	9.34	15.20	7.3	21
ZZ77427	0.19	0.006	0.77	1.35	230	<0.2	<10	130	1.04	0.25	1.48	2.66	16.40	9.3	26
ZZ77428	0.18	0.005	0.33	1.16	155.5	<0.2	<10	500	0.90	0.19	1.72	1.14	15.25	9.5	22
ZZ77429	0.16	0.011	0.43	1.26	193.5	<0.2	<10	360	1.09	0.20	2.78	1.96	17.25	10.3	23
ZZ77430	0.17	0.005	0.30	1.42	130.0	<0.2	<10	530	0.97	0.21	1.68	1.26	19.75	10.3	24

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 7-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77391		0.80	40.1	2.91	3.39	0.05	0.07	0.41	0.032	0.09	7.1	16.6	0.70	375	2.89	0.01
ZZ77392		0.85	36.4	3.07	3.53	0.05	0.08	0.77	0.033	0.09	9.3	16.8	0.46	478	3.23	0.01
ZZ77393		0.86	32.6	3.20	3.83	<0.05	0.09	6.99	0.034	0.09	7.4	19.1	0.46	472	2.20	<0.01
ZZ77394		0.80	41.5	3.22	3.75	0.05	0.09	23.2	0.033	0.08	8.4	15.1	0.57	734	2.96	<0.01
ZZ77395		0.68	30.0	3.22	3.20	<0.05	0.07	9.29	0.030	0.07	8.0	13.3	1.22	790	4.77	<0.01
ZZ77396		0.78	33.1	2.98	3.66	<0.05	0.07	6.94	0.031	0.08	7.5	13.6	0.99	571	3.93	<0.01
ZZ77397		0.65	22.8	1.98	2.49	<0.05	0.06	1.82	0.020	0.06	5.5	10.2	4.46	461	1.42	0.01
ZZ77398		0.66	31.1	2.39	2.87	<0.05	0.07	1.22	0.025	0.07	6.4	11.5	2.01	475	1.69	0.01
ZZ77399		0.74	21.6	2.57	3.34	<0.05	0.07	1.12	0.030	0.07	7.8	11.8	1.91	496	1.68	0.01
ZZ77400		0.88	27.2	2.65	3.20	<0.05	0.07	0.77	0.030	0.07	8.4	12.6	2.40	489	2.14	0.01
ZZ77401		0.85	30.2	2.66	3.17	<0.05	0.08	0.85	0.032	0.08	6.9	12.6	0.37	361	1.48	0.01
ZZ77402		0.71	21.0	2.34	2.74	<0.05	0.07	0.30	0.024	0.06	6.4	15.4	1.94	267	0.76	0.01
ZZ77403		0.84	24.0	2.53	2.99	<0.05	0.06	0.11	0.026	0.06	6.6	16.4	0.27	348	0.81	<0.01
ZZ77404		0.73	19.4	1.92	2.22	<0.05	0.06	0.12	0.020	0.06	6.2	14.0	0.27	271	0.91	0.01
ZZ77405		1.63	28.7	3.49	4.05	0.06	0.11	0.60	0.040	0.09	13.5	23.4	0.44	544	1.50	0.01
ZZ77406		0.99	27.4	3.15	3.41	0.05	0.08	1.21	0.027	0.11	10.0	13.0	2.50	602	2.59	0.01
ZZ77407		1.43	27.2	3.69	4.82	0.05	0.11	1.52	0.035	0.12	14.5	14.7	1.53	585	2.76	0.01
ZZ77408		1.00	28.6	2.67	3.86	<0.05	0.07	0.81	0.026	0.10	8.7	12.9	0.30	559	1.55	0.01
ZZ77409		0.85	33.1	3.08	3.29	0.05	0.06	1.00	0.028	0.11	8.8	12.6	1.78	741	2.78	0.01
ZZ77410		1.07	20.4	3.17	2.19	0.08	0.10	0.06	0.042	0.14	11.9	8.6	0.35	238	1.45	<0.01
ZZ77411		0.70	24.7	2.59	2.32	<0.05	0.11	0.06	0.028	0.11	9.7	7.9	0.21	239	3.88	<0.01
ZZ77412		0.62	22.3	3.49	1.32	0.07	0.07	0.13	0.043	0.12	14.1	2.4	0.06	248	3.95	<0.01
ZZ77413		0.45	57.8	2.34	1.61	0.06	0.07	0.33	0.029	0.07	10.6	2.8	0.06	91	56.8	<0.01
ZZ77414		0.82	150.0	1.71	2.95	0.11	0.09	0.75	0.027	0.10	14.5	7.0	2.41	95	54.1	0.01
ZZ77415		0.61	124.0	1.24	2.55	0.09	0.07	0.47	0.017	0.08	17.6	4.7	1.19	89	33.0	0.01
ZZ77416		0.52	82.2	1.13	2.08	0.09	0.07	0.39	0.016	0.07	19.8	4.4	0.86	86	18.40	0.01
ZZ77417		0.68	44.5	1.94	1.10	0.07	0.06	0.22	0.021	0.09	10.0	2.6	2.92	147	20.9	0.01
ZZ77418		0.69	81.1	1.67	1.96	0.08	0.06	0.31	0.021	0.10	11.7	4.9	2.67	122	31.9	0.01
ZZ77419		0.53	64.4	1.62	1.95	0.07	0.07	0.30	0.021	0.08	12.4	5.5	1.49	131	15.90	0.01
ZZ77420		1.21	38.8	3.03	2.97	0.05	0.08	0.51	0.030	0.09	9.0	13.6	1.10	575	3.46	0.01
ZZ77421		1.33	43.7	3.52	3.65	0.05	0.09	0.34	0.031	0.10	9.3	16.4	1.23	522	3.69	0.01
ZZ77422		0.72	30.0	3.11	3.30	0.05	0.07	0.38	0.029	0.07	7.8	16.7	0.79	682	2.14	0.01
ZZ77423		0.77	25.6	3.10	3.58	<0.05	0.07	0.21	0.031	0.07	4.4	20.4	0.46	416	1.35	0.01
ZZ77424		0.77	28.2	2.98	3.89	<0.05	0.07	0.31	0.032	0.08	4.8	20.4	0.44	492	1.20	0.01
ZZ77425		0.81	29.0	3.11	4.00	<0.05	0.08	0.28	0.036	0.07	3.9	21.9	0.48	343	1.29	0.01
ZZ77426		0.71	15.2	2.34	2.40	<0.05	0.05	16.55	0.027	0.05	7.2	5.8	2.02	1000	2.71	0.01
ZZ77427		1.31	20.1	3.03	4.65	<0.05	0.05	5.86	0.041	0.06	7.5	11.2	0.27	488	2.58	0.01
ZZ77428		0.71	23.4	2.77	3.44	<0.05	0.06	0.91	0.034	0.06	7.5	10.9	0.28	390	1.62	0.01
ZZ77429		0.87	30.4	2.77	3.61	<0.05	0.07	1.33	0.031	0.07	8.8	11.5	0.72	668	1.96	0.01
ZZ77430		0.83	22.1	2.75	4.17	<0.05	0.07	0.84	0.028	0.06	10.2	12.3	0.34	614	1.36	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77391		0.39	44.6	920	18.1	7.6	0.002	0.06	1.43	4.0	2.1	0.4	35.9	<0.01	0.06	1.7
ZZ77392		0.48	48.5	880	23.5	7.6	0.001	0.03	1.53	4.9	1.5	0.4	33.8	<0.01	0.06	3.1
ZZ77393		0.39	42.8	870	26.4	8.3	0.001	0.04	1.21	4.7	1.3	0.4	21.8	<0.01	0.05	2.0
ZZ77394		0.44	50.3	880	34.8	8.1	<0.001	0.05	1.90	3.7	1.6	0.5	22.2	<0.01	0.06	1.3
ZZ77395		0.38	55.8	890	72.6	6.7	0.001	0.05	3.08	4.3	1.8	0.5	32.8	<0.01	0.04	1.2
ZZ77396		0.47	66.7	800	48.3	7.4	<0.001	0.06	2.38	3.2	1.6	0.5	27.2	<0.01	0.05	0.9
ZZ77397		0.34	39.0	630	19.7	6.4	<0.001	0.05	1.01	2.3	1.1	0.3	51.2	<0.01	0.04	0.6
ZZ77398		0.34	47.3	830	21.3	6.8	<0.001	0.07	1.18	2.5	1.3	0.4	38.7	<0.01	0.04	0.7
ZZ77399		0.59	37.1	700	25.3	8.7	<0.001	0.06	1.06	3.1	0.9	0.4	30.7	<0.01	0.03	1.2
ZZ77400		0.47	42.8	810	27.4	7.9	0.001	0.05	1.32	3.1	1.4	0.4	37.5	<0.01	0.03	1.0
ZZ77401		0.40	48.8	700	29.7	7.5	<0.001	0.08	1.25	3.1	1.4	0.4	25.8	<0.01	0.04	0.9
ZZ77402		0.29	35.1	600	18.8	6.8	0.001	0.05	0.54	3.3	1.3	0.3	36.3	<0.01	0.05	1.3
ZZ77403		0.33	33.2	730	11.7	8.1	0.002	0.07	0.40	3.1	1.2	0.4	28.0	<0.01	0.05	1.1
ZZ77404		0.20	25.8	780	9.5	6.1	0.001	0.11	0.40	1.7	1.7	0.3	39.8	<0.01	0.04	0.4
ZZ77405		0.22	57.0	1330	19.1	9.8	0.001	0.06	0.56	7.7	1.8	0.5	32.3	<0.01	0.05	2.8
ZZ77406		0.37	50.4	890	37.2	9.0	0.001	0.03	1.48	5.5	1.3	0.4	45.6	<0.01	0.04	2.5
ZZ77407		0.48	65.6	470	58.0	14.7	<0.001	0.03	1.60	7.8	1.3	0.6	39.9	<0.01	0.07	4.2
ZZ77408		0.59	53.7	810	26.6	10.1	<0.001	0.08	1.31	2.8	1.3	0.5	30.5	<0.01	0.03	0.7
ZZ77409		0.39	40.6	860	40.7	8.3	<0.001	0.04	1.54	4.4	1.4	0.4	41.0	<0.01	0.05	1.6
ZZ77410		0.36	36.9	870	13.5	10.4	<0.001	0.08	0.30	3.8	1.0	0.6	119.0	<0.01	0.04	1.3
ZZ77411		0.38	30.5	1230	11.4	10.4	<0.001	0.12	1.17	2.2	1.3	0.4	88.8	<0.01	0.03	0.9
ZZ77412		0.55	44.9	920	9.6	5.3	0.002	0.08	0.74	4.7	1.1	0.4	43.2	<0.01	0.04	2.1
ZZ77413		0.15	127.0	460	14.3	5.9	0.006	0.03	14.45	4.2	4.1	0.5	14.3	<0.01	0.14	2.2
ZZ77414		0.22	236	1490	17.9	8.0	0.006	0.07	19.45	4.4	7.4	0.6	199.0	<0.01	0.21	2.9
ZZ77415		0.23	220	1310	12.7	7.6	0.005	0.10	12.85	2.1	6.3	0.5	132.5	<0.01	0.13	0.5
ZZ77416		0.18	197.0	1710	8.2	5.7	0.012	0.11	8.36	1.8	5.9	0.4	179.5	<0.01	0.09	0.5
ZZ77417		0.15	98.7	560	11.3	5.9	0.008	0.05	12.20	3.5	3.6	0.3	90.5	<0.01	0.07	1.6
ZZ77418		0.17	131.5	860	11.8	6.9	0.006	0.05	12.95	3.4	4.5	0.5	144.5	<0.01	0.11	1.4
ZZ77419		0.21	117.5	1040	10.7	7.0	0.009	0.10	9.14	2.4	4.0	0.4	90.4	<0.01	0.09	0.6
ZZ77420		0.41	43.6	780	27.3	7.4	0.001	0.03	1.58	4.8	1.2	0.4	35.0	<0.01	0.06	3.4
ZZ77421		0.45	46.5	840	29.7	8.6	0.001	0.03	1.43	5.2	1.8	0.5	33.8	<0.01	0.04	3.9
ZZ77422		0.37	37.2	890	20.1	7.2	0.001	0.06	1.04	3.6	1.3	0.4	31.9	<0.01	0.05	1.2
ZZ77423		0.25	38.8	750	16.2	8.5	0.001	0.07	0.58	3.9	0.8	0.4	20.8	<0.01	0.04	1.5
ZZ77424		0.32	40.3	830	19.8	8.2	0.001	0.08	0.72	3.6	1.1	0.4	23.7	<0.01	0.03	1.3
ZZ77425		0.23	43.8	770	17.7	7.5	0.001	0.07	0.63	3.8	1.5	0.5	20.6	<0.01	0.04	1.5
ZZ77426		0.35	22.4	960	145.0	7.1	0.001	0.10	7.19	3.3	1.3	0.5	35.4	<0.01	0.05	0.5
ZZ77427		0.56	30.6	740	66.8	10.7	<0.001	0.07	2.24	3.6	1.5	0.6	13.9	<0.01	0.06	0.9
ZZ77428		0.51	33.4	580	25.3	7.1	<0.001	0.05	1.01	2.9	0.9	0.4	17.9	<0.01	0.06	1.0
ZZ77429		0.50	38.8	910	33.6	7.9	<0.001	0.08	1.39	2.8	1.3	0.4	26.0	<0.01	0.05	0.7
ZZ77430		0.70	30.6	710	25.8	8.8	<0.001	0.06	0.92	3.3	1.1	0.5	21.4	<0.01	0.04	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77391		0.005	0.22	1.39	60	0.09	14.00	224	1.7
ZZ77392		0.009	0.28	1.27	71	0.13	15.60	233	1.9
ZZ77393		0.005	0.28	1.17	49	0.09	14.70	223	1.8
ZZ77394		0.007	1.10	2.15	61	0.20	14.85	297	1.7
ZZ77395		0.007	1.04	2.00	59	0.30	15.65	443	1.3
ZZ77396		0.006	1.35	2.89	55	0.28	14.30	340	1.4
ZZ77397		0.005	0.69	1.38	39	0.15	11.20	240	1.2
ZZ77398		<0.005	0.45	1.68	48	0.18	15.10	266	1.4
ZZ77399		0.007	0.37	1.71	52	0.23	10.50	245	1.5
ZZ77400		0.008	0.35	1.87	54	0.25	14.30	236	1.2
ZZ77401		<0.005	0.61	1.51	51	0.33	15.35	288	1.7
ZZ77402		<0.005	0.15	1.26	33	0.18	15.85	155	1.4
ZZ77403		<0.005	0.11	1.43	30	<0.05	16.00	113	1.2
ZZ77404		<0.005	0.10	1.65	21	<0.05	15.35	90	1.0
ZZ77405		<0.005	0.20	4.44	43	0.06	36.1	172	2.2
ZZ77406		0.005	0.45	1.63	65	0.35	20.2	267	2.0
ZZ77407		<0.005	0.62	1.83	89	0.50	26.7	330	2.9
ZZ77408		0.008	0.37	1.76	66	0.30	16.85	293	1.3
ZZ77409		0.006	0.47	1.65	74	0.21	15.25	277	1.3
ZZ77410		<0.005	0.21	0.62	21	<0.05	12.40	81	3.2
ZZ77411		<0.005	0.18	1.08	43	<0.05	9.83	153	3.6
ZZ77412		<0.005	0.14	0.96	23	<0.05	13.80	101	1.8
ZZ77413		<0.005	0.51	6.69	370	0.16	24.5	921	1.9
ZZ77414		0.005	0.83	10.00	865	0.27	42.1	2100	4.1
ZZ77415		0.005	0.65	6.39	810	0.25	40.7	1200	1.8
ZZ77416		<0.005	0.48	9.55	474	0.17	39.0	934	1.9
ZZ77417		<0.005	0.38	4.70	327	0.13	20.7	787	1.8
ZZ77418		<0.005	0.59	6.18	550	0.21	28.2	935	1.6
ZZ77419		<0.005	0.42	4.79	414	0.13	26.0	799	1.9
ZZ77420		0.009	0.37	1.25	64	0.14	14.45	232	2.1
ZZ77421		0.008	0.33	1.26	66	0.10	15.30	235	2.4
ZZ77422		0.005	0.18	1.70	48	0.08	14.75	170	1.3
ZZ77423		<0.005	0.14	0.98	35	<0.05	12.60	154	1.5
ZZ77424		<0.005	0.16	1.59	34	0.06	12.60	155	1.5
ZZ77425		<0.005	0.14	1.09	33	<0.05	12.90	157	1.7
ZZ77426		0.009	1.27	2.94	60	0.45	17.60	1160	0.9
ZZ77427		0.006	0.65	2.90	83	0.26	12.45	329	1.0
ZZ77428		0.006	0.28	1.46	49	0.14	11.05	180	1.1
ZZ77429		0.007	0.42	2.41	56	0.21	15.80	245	1.3
ZZ77430		0.009	0.28	1.86	56	0.19	13.00	152	1.2

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ77431		0.12	0.007	0.32	1.37	189.0	<0.2	<10	540	0.94	0.20	1.55	0.75	15.80	9.5	23
ZZ77432		0.10	0.007	0.36	1.11	157.0	<0.2	<10	510	0.78	0.17	2.60	0.82	11.80	9.7	21
ZZ77433		0.21	<0.001	0.08	1.04	32.8	<0.2	<10	190	0.49	0.26	0.83	0.24	4.53	9.0	19
ZZ77434		0.22	0.001	0.12	1.04	17.6	<0.2	<10	170	1.32	0.29	0.63	0.15	16.75	11.7	17
ZZ77435		0.21	0.001	0.13	0.98	3.4	<0.2	10	290	1.21	0.21	2.29	0.23	20.8	13.2	15
ZZ77436		0.11	0.002	0.24	0.86	6.3	<0.2	10	300	1.01	0.17	2.11	0.54	20.9	11.4	14
ZZ77437		0.14	0.001	0.11	1.14	5.6	<0.2	10	420	1.36	0.16	2.28	0.61	32.3	11.6	18
ZZ77438		0.13	0.004	1.36	0.39	21.8	<0.2	10	160	0.93	0.16	2.87	10.30	17.00	7.3	17
ZZ77439		0.12	0.007	1.75	0.47	28.4	<0.2	10	210	1.10	0.17	1.78	16.35	17.30	7.9	26
ZZ77440		0.20	0.004	2.84	0.25	22.6	<0.2	10	350	0.74	0.12	9.32	5.79	15.65	4.5	87
ZZ77441		0.19	0.005	3.42	0.90	42.8	<0.2	<10	350	1.05	0.18	1.46	16.45	15.90	5.8	77
ZZ77442		0.25	0.005	1.15	1.36	44.1	<0.2	<10	340	1.21	0.21	1.55	2.67	25.2	10.4	57
ZZ77443		0.10	0.004	1.24	0.88	34.0	<0.2	10	290	1.00	0.18	4.02	6.69	20.4	8.4	49
ZZ77444		0.14	0.005	1.62	0.53	31.7	<0.2	10	220	1.04	0.16	9.41	19.25	19.20	5.6	39
ZZ77445		0.32	0.006	0.42	0.93	52.9	<0.2	<10	550	0.60	0.21	2.25	2.13	22.5	12.3	22
ZZ77446		0.33	0.004	0.42	0.92	47.7	<0.2	<10	430	0.69	0.22	3.09	1.75	19.55	12.8	20
ZZ77447		0.24	0.005	0.38	0.54	25.5	<0.2	<10	350	0.63	0.22	0.17	0.42	14.45	6.5	9
ZZ77448		0.29	0.005	0.37	0.47	28.0	<0.2	<10	260	0.63	0.21	0.16	0.58	7.64	8.3	9
ZZ77449		0.12	0.004	0.52	0.80	111.5	<0.2	<10	480	0.82	0.17	2.82	1.70	13.80	8.4	15
ZZ77450		0.18	0.004	0.35	1.05	41.9	<0.2	<10	330	0.82	0.21	1.94	1.64	19.80	12.5	22
ZZ77451		0.12	0.004	0.27	1.28	64.1	<0.2	<10	420	0.88	0.19	2.31	0.84	9.76	9.5	21
ZZ77452		0.15	0.009	0.58	1.32	248	<0.2	<10	420	1.05	0.19	1.88	2.22	17.65	11.1	23
ZZ77453		0.16	0.019	0.70	1.22	305	<0.2	<10	480	1.03	0.16	2.39	2.46	14.40	10.9	22
ZZ77454		0.21	0.012	0.41	1.28	182.5	<0.2	<10	420	1.08	0.21	1.07	1.07	18.60	10.9	26
ZZ77455		0.15	0.005	0.43	1.23	213	<0.2	<10	510	0.94	0.19	1.60	1.20	15.40	10.1	24
ZZ77456		0.17	0.011	0.75	1.21	359	<0.2	<10	490	1.35	0.18	2.63	1.85	12.45	10.0	26
ZZ77457		0.12	0.012	0.48	1.31	273	<0.2	<10	470	0.98	0.19	1.85	1.22	17.00	10.9	25
ZZ77458		0.15	0.007	0.38	1.33	87.5	<0.2	<10	510	0.84	0.20	1.65	1.92	20.3	10.7	24
ZZ77459		0.14	0.009	0.39	0.84	34.8	<0.2	<10	410	0.78	0.17	2.18	1.76	14.55	8.6	19
ZZ77460		0.19	0.002	0.44	0.69	76.8	<0.2	10	380	0.77	0.18	3.67	1.55	15.35	8.2	15
ZZ77461		0.14	0.004	0.40	0.68	38.2	<0.2	<10	330	0.80	0.24	0.57	0.95	13.95	9.5	12
ZZ77462		0.13	0.005	0.47	0.57	27.5	<0.2	<10	320	0.64	0.24	0.49	0.65	14.55	13.2	9
ZZ77463		0.27	0.003	0.35	0.64	68.6	<0.2	<10	270	0.59	0.25	0.29	0.57	11.75	10.2	12
ZZ77464		0.19	0.002	0.39	0.84	85.6	<0.2	<10	330	0.82	0.26	0.24	0.84	19.10	11.6	16
ZZ77465		0.25	0.010	0.98	0.74	144.0	<0.2	<10	920	0.85	0.24	0.66	2.09	15.65	9.1	18
ZZ77466		0.21	0.004	0.70	1.09	60.4	<0.2	<10	560	1.01	0.25	1.50	1.52	17.00	12.8	22
ZZ77467		0.29	0.001	0.31	1.11	44.1	<0.2	<10	220	0.98	0.27	0.36	0.68	22.8	11.8	21
ZZ77468		0.26	<0.001	0.06	2.13	14.0	<0.2	<10	210	1.27	0.38	0.04	0.11	22.3	23.6	33
ZZ77469		0.14	<0.001	0.06	0.93	8.9	<0.2	<10	140	0.45	0.33	0.04	0.21	11.55	12.4	16
ZZ77470		0.27	0.001	0.13	1.21	16.3	<0.2	<10	130	1.33	0.32	0.95	0.11	14.85	12.4	18

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77431		0.83	21.6	2.78	4.04	<0.05	0.07	0.88	0.029	0.06	7.9	12.4	0.34	461	1.52	0.01
ZZ77432		0.52	18.7	2.41	3.09	<0.05	0.06	0.38	0.033	0.06	7.7	12.9	0.28	379	0.88	0.01
ZZ77433		1.50	24.8	3.22	4.74	<0.05	0.04	0.04	0.035	0.07	2.2	8.9	0.14	231	1.43	0.01
ZZ77434		0.85	22.2	2.95	3.02	0.05	0.09	0.03	0.039	0.14	7.3	14.4	0.27	1120	0.97	<0.01
ZZ77435		1.57	22.1	2.52	2.69	0.06	0.09	0.06	0.034	0.15	7.5	11.9	0.36	481	1.23	0.01
ZZ77436		0.80	21.7	2.70	2.44	0.05	0.09	0.05	0.034	0.15	8.1	9.6	0.28	220	3.46	0.01
ZZ77437		0.73	19.9	3.18	2.94	0.06	0.08	0.04	0.042	0.14	12.7	12.1	0.34	431	1.71	0.01
ZZ77438		0.45	55.0	1.82	1.46	0.05	0.07	0.29	0.029	0.08	10.5	2.8	0.60	132	26.5	0.01
ZZ77439		0.55	71.0	2.17	1.91	0.08	0.07	0.37	0.024	0.08	13.3	4.2	0.36	137	49.3	0.01
ZZ77440		0.71	96.3	1.13	1.44	0.08	0.06	0.49	0.017	0.07	12.9	2.5	2.06	106	13.70	0.01
ZZ77441		1.03	114.5	1.81	4.30	0.06	0.07	0.57	0.032	0.09	13.4	8.2	0.27	113	49.9	<0.01
ZZ77442		0.64	68.0	2.84	4.28	0.06	0.07	0.34	0.030	0.06	18.8	15.1	0.44	275	9.05	<0.01
ZZ77443		0.58	89.7	2.28	3.08	0.05	0.07	0.39	0.029	0.07	16.1	11.9	0.95	246	11.30	0.01
ZZ77444		0.65	103.0	1.69	2.53	0.08	0.05	0.47	0.023	0.08	13.7	6.5	2.37	143	52.7	0.01
ZZ77445		2.19	42.5	2.82	3.12	0.06	0.09	0.33	0.026	0.10	11.0	13.7	1.00	504	4.33	0.01
ZZ77446		2.86	48.9	2.94	3.03	0.05	0.11	0.36	0.029	0.11	8.7	14.9	1.35	508	3.22	0.01
ZZ77447		2.68	59.4	2.28	1.79	<0.05	0.04	0.34	0.037	0.12	5.7	3.9	0.10	171	3.98	0.01
ZZ77448		5.52	51.3	2.29	1.67	<0.05	0.05	0.21	0.037	0.11	3.1	2.7	0.11	278	4.31	<0.01
ZZ77449		1.14	40.2	2.65	2.43	<0.05	0.06	0.50	0.027	0.07	7.8	7.5	0.68	588	2.97	0.01
ZZ77450		0.75	35.6	3.04	3.47	0.05	0.07	0.39	0.036	0.08	9.3	15.9	1.00	579	2.99	0.01
ZZ77451		0.59	27.6	2.80	3.41	<0.05	0.06	0.54	0.031	0.06	5.6	16.5	0.41	304	1.35	0.01
ZZ77452		0.76	31.4	2.83	3.74	<0.05	0.06	1.95	0.030	0.06	8.6	13.9	0.38	506	1.69	0.01
ZZ77453		1.05	48.2	2.60	3.27	<0.05	0.07	1.82	0.024	0.08	7.9	11.3	0.32	495	2.31	0.01
ZZ77454		0.94	29.1	3.11	3.78	<0.05	0.07	3.72	0.031	0.06	9.0	12.5	0.32	405	2.03	0.01
ZZ77455		0.84	28.1	2.82	3.51	<0.05	0.08	0.75	0.032	0.07	8.1	11.2	0.30	510	1.72	0.01
ZZ77456		1.22	41.1	2.90	3.45	<0.05	0.07	1.84	0.030	0.08	8.1	10.4	0.27	328	2.49	0.01
ZZ77457		0.91	28.8	2.79	3.78	<0.05	0.06	1.40	0.028	0.07	8.5	11.6	0.36	494	1.62	0.01
ZZ77458		0.59	22.4	2.72	3.90	<0.05	0.05	1.21	0.024	0.06	10.4	13.1	0.41	598	1.68	0.01
ZZ77459		0.46	30.7	2.64	2.57	<0.05	0.06	0.50	0.030	0.07	8.0	11.0	0.81	441	3.02	0.01
ZZ77460		0.97	32.5	2.28	2.29	<0.05	0.04	0.69	0.025	0.07	8.1	8.1	1.48	370	3.21	0.01
ZZ77461		2.46	50.2	2.40	2.27	<0.05	0.06	0.42	0.037	0.11	6.2	6.2	0.26	358	2.94	0.01
ZZ77462		2.16	44.3	2.30	1.94	<0.05	0.03	0.32	0.036	0.10	5.8	5.2	0.17	479	3.85	0.01
ZZ77463		1.96	32.3	2.46	2.31	<0.05	0.02	0.26	0.033	0.11	5.2	6.5	0.15	288	4.49	0.01
ZZ77464		1.49	45.4	2.69	2.86	0.05	0.02	0.80	0.032	0.09	9.1	12.2	0.24	280	3.44	0.01
ZZ77465		2.18	48.2	2.56	2.48	0.05	0.05	0.51	0.034	0.09	7.6	9.2	0.30	310	4.73	0.01
ZZ77466		1.07	58.8	3.05	3.44	0.05	0.05	0.68	0.034	0.08	8.7	15.2	0.37	994	5.05	0.01
ZZ77467		1.03	38.6	3.42	3.71	0.05	0.06	0.19	0.033	0.08	11.8	18.3	0.43	519	6.63	0.01
ZZ77468		2.30	63.5	4.30	6.51	<0.05	0.03	0.05	0.043	0.10	8.6	34.3	0.66	439	0.66	0.01
ZZ77469		1.49	18.8	2.47	4.88	<0.05	<0.02	0.05	0.021	0.09	5.7	4.9	0.14	997	0.84	0.01
ZZ77470		1.56	33.0	2.84	3.58	0.05	0.09	0.08	0.033	0.11	7.4	21.0	0.47	473	0.92	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 7-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77431		0.58	29.7	660	29.1	8.4	<0.001	0.06	1.04	3.2	1.0	0.5	21.9	<0.01	0.03	1.1
ZZ77432		0.41	30.5	800	18.2	7.5	<0.001	0.08	0.59	2.3	1.7	0.4	31.4	<0.01	0.04	0.6
ZZ77433		0.22	26.3	610	18.3	10.6	0.001	0.04	0.41	2.5	0.7	0.7	19.4	<0.01	0.10	1.2
ZZ77434		0.33	22.4	520	21.3	9.8	<0.001	0.03	0.38	6.0	0.8	0.5	21.5	<0.01	0.01	3.3
ZZ77435		0.35	26.8	830	16.5	11.0	<0.001	0.09	0.36	3.1	0.6	0.6	79.7	<0.01	0.01	1.5
ZZ77436		0.36	32.1	600	13.2	8.8	<0.001	0.08	1.26	3.5	1.1	0.5	70.3	<0.01	0.02	1.4
ZZ77437		0.40	32.3	810	13.8	10.3	0.001	0.07	0.38	3.5	0.8	0.5	77.9	<0.01	0.01	1.4
ZZ77438		0.19	103.5	1040	13.1	5.9	0.005	0.07	10.30	2.8	3.3	0.4	50.3	<0.01	0.08	0.9
ZZ77439		0.21	159.5	760	13.6	6.4	0.005	0.07	14.90	3.5	5.6	0.5	37.3	<0.01	0.09	1.1
ZZ77440		0.13	191.0	1570	6.7	5.4	0.005	0.06	9.84	2.9	9.8	0.6	203	<0.01	0.13	1.6
ZZ77441		0.29	230	990	14.3	9.1	0.004	0.06	12.00	4.4	7.5	0.7	49.3	<0.01	0.21	1.4
ZZ77442		0.41	93.7	740	17.1	5.5	0.002	0.05	3.69	4.9	3.3	0.6	50.8	<0.01	0.08	1.6
ZZ77443		0.28	139.5	1030	14.2	5.4	0.003	0.08	5.62	3.5	3.8	0.5	92.2	<0.01	0.09	0.9
ZZ77444		0.21	185.0	830	14.0	5.8	0.008	0.07	15.25	2.4	6.9	0.6	170.5	<0.01	0.13	0.6
ZZ77445		0.61	46.1	940	23.7	8.5	0.006	0.05	2.12	4.2	1.3	0.6	53.2	<0.01	0.05	4.3
ZZ77446		0.39	44.4	850	26.6	8.3	0.002	0.09	1.91	4.7	2.7	0.6	63.3	<0.01	0.05	4.5
ZZ77447		0.23	21.0	610	17.2	10.7	0.003	0.02	1.74	3.3	2.6	0.4	15.7	<0.01	0.07	3.5
ZZ77448		0.17	30.3	670	14.6	12.1	0.002	0.03	1.79	2.9	2.0	0.6	14.0	<0.01	0.07	1.9
ZZ77449		0.30	33.9	890	33.8	6.8	0.002	0.08	1.72	2.4	2.5	0.4	39.8	<0.01	0.04	0.9
ZZ77450		0.44	42.6	830	26.7	7.0	0.001	0.03	1.35	4.7	1.2	0.6	30.1	<0.01	0.03	3.0
ZZ77451		0.35	34.1	820	21.5	7.5	0.001	0.09	0.86	2.6	1.1	0.5	25.8	<0.01	0.01	0.8
ZZ77452		0.54	39.0	940	45.7	7.3	<0.001	0.08	1.50	2.4	1.4	0.5	25.3	<0.01	0.04	0.8
ZZ77453		0.53	52.6	1090	39.9	7.9	0.001	0.09	1.92	2.3	1.7	0.5	27.4	<0.01	0.05	0.7
ZZ77454		0.53	41.7	720	31.3	7.5	<0.001	0.04	1.09	3.5	1.4	0.5	20.7	<0.01	0.07	1.3
ZZ77455		0.46	36.7	830	28.5	7.8	<0.001	0.07	1.06	2.8	1.7	0.5	24.0	<0.01	0.05	0.9
ZZ77456		0.38	56.0	880	39.1	8.1	<0.001	0.08	1.61	2.6	2.2	0.5	32.9	<0.01	0.04	0.6
ZZ77457		0.57	39.5	860	35.2	6.6	<0.001	0.07	1.25	2.6	1.2	0.5	23.2	<0.01	0.04	0.8
ZZ77458		0.69	29.4	840	27.5	6.3	<0.001	0.07	1.19	2.6	1.3	0.4	22.7	<0.01	0.03	0.8
ZZ77459		0.32	36.4	760	19.1	5.6	0.001	0.04	1.47	3.4	1.9	0.4	32.5	<0.01	0.03	1.3
ZZ77460		0.29	34.5	820	26.5	6.3	0.001	0.04	1.84	3.2	2.1	0.4	48.4	<0.01	0.05	1.7
ZZ77461		0.23	35.5	640	19.8	11.2	0.001	0.03	1.47	3.7	1.8	0.4	21.5	<0.01	0.06	2.9
ZZ77462		0.18	27.6	700	17.2	11.3	0.001	0.04	1.68	3.0	2.3	0.4	20.9	<0.01	0.06	2.7
ZZ77463		0.23	23.1	670	21.2	11.5	0.002	0.02	1.84	2.6	2.3	0.4	19.6	<0.01	0.07	2.6
ZZ77464		0.30	40.5	660	23.7	9.1	<0.001	0.01	1.68	4.1	2.2	0.4	21.0	<0.01	0.07	3.8
ZZ77465		0.19	49.8	860	28.6	10.4	0.003	0.05	2.10	3.9	3.8	0.5	50.0	<0.01	0.07	2.2
ZZ77466		0.36	49.1	850	23.0	8.6	0.004	0.06	1.75	3.9	3.6	0.5	49.7	<0.01	0.06	1.4
ZZ77467		0.46	76.0	780	23.8	8.4	0.001	0.02	1.68	6.1	1.8	0.5	20.8	<0.01	0.05	4.1
ZZ77468		0.41	37.3	300	16.9	15.4	<0.001	<0.01	0.38	5.1	0.4	0.8	7.4	<0.01	0.08	3.6
ZZ77469		0.38	12.5	780	14.3	16.7	<0.001	0.03	0.42	0.5	0.4	0.7	6.2	<0.01	0.04	<0.2
ZZ77470		0.27	24.0	490	18.4	10.7	<0.001	0.04	0.37	5.2	0.7	0.6	19.3	<0.01	0.03	2.3

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
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Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77431		0.007	0.53	2.03	54	0.22	10.20	171	1.5
ZZ77432		<0.005	0.22	1.76	38	0.13	15.90	181	1.3
ZZ77433		<0.005	0.16	0.46	46	<0.05	4.09	116	0.8
ZZ77434		<0.005	0.11	0.62	22	0.07	16.35	72	1.8
ZZ77435		<0.005	0.16	0.81	17	<0.05	11.30	73	2.3
ZZ77436		<0.005	0.21	0.76	24	<0.05	9.42	130	2.5
ZZ77437		<0.005	0.14	0.61	23	<0.05	10.90	142	3.0
ZZ77438		<0.005	0.46	4.73	328	0.13	22.8	666	2.2
ZZ77439		<0.005	0.55	6.68	480	0.19	30.6	1020	2.4
ZZ77440		<0.005	0.18	4.33	286	0.18	20.9	813	1.9
ZZ77441		0.005	1.16	5.77	945	0.26	28.5	1480	2.3
ZZ77442		0.006	0.28	4.29	262	0.16	28.2	343	1.7
ZZ77443		0.005	0.34	4.67	335	0.13	31.6	490	1.8
ZZ77444		<0.005	0.85	9.06	692	0.22	34.8	1080	1.5
ZZ77445		0.023	0.45	1.81	67	0.13	12.20	243	3.0
ZZ77446		0.016	0.47	1.33	56	0.10	11.50	241	4.4
ZZ77447		<0.005	0.29	1.55	38	<0.05	11.90	145	0.7
ZZ77448		<0.005	0.50	1.11	35	<0.05	5.86	222	0.7
ZZ77449		<0.005	0.30	2.05	61	0.14	15.95	197	1.4
ZZ77450		0.007	0.27	1.20	62	0.12	15.15	219	1.5
ZZ77451		<0.005	0.16	1.99	39	0.09	13.15	157	1.3
ZZ77452		0.008	0.34	2.41	59	0.25	14.25	288	1.2
ZZ77453		0.006	0.47	3.50	54	0.26	17.25	385	1.6
ZZ77454		0.008	0.26	2.10	56	0.22	12.50	196	1.2
ZZ77455		0.005	0.36	1.77	54	0.19	14.20	232	1.6
ZZ77456		<0.005	0.68	2.61	60	0.27	18.30	365	1.4
ZZ77457		0.008	0.43	2.03	56	0.33	12.55	244	1.2
ZZ77458		0.013	0.19	2.09	56	0.25	11.90	187	1.0
ZZ77459		0.005	0.18	1.35	73	0.09	15.75	203	1.2
ZZ77460		0.005	0.24	1.38	65	0.10	13.60	212	1.3
ZZ77461		<0.005	0.40	1.43	37	0.06	12.00	210	1.7
ZZ77462		<0.005	0.30	1.48	38	0.05	12.15	183	0.9
ZZ77463		<0.005	0.33	1.16	49	0.08	7.23	159	0.6
ZZ77464		0.006	0.29	1.53	53	0.09	13.15	223	0.7
ZZ77465		<0.005	0.69	2.04	60	0.12	16.15	264	1.4
ZZ77466		0.005	0.37	6.95	63	0.10	13.90	183	1.8
ZZ77467		0.011	0.24	3.01	50	0.12	11.80	261	1.8
ZZ77468		0.005	0.14	0.59	45	0.13	4.05	78	0.9
ZZ77469		0.011	0.10	0.37	35	0.17	1.99	63	<0.5
ZZ77470		<0.005	0.14	0.46	22	0.06	14.45	71	2.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77471		0.28	<0.001	0.11	1.51	28.7	<0.2	<10	130	1.18	0.36	0.28	0.10	9.04	18.0	24
ZZ77472		0.25	<0.001	0.09	1.41	16.4	<0.2	10	240	1.71	0.40	0.64	0.08	14.65	20.1	24
ZZ77473		0.18	0.002	0.49	0.51	31.5	<0.2	<10	270	0.93	0.28	0.34	0.72	30.8	17.8	8
ZZ77474		0.26	0.004	0.84	1.03	33.7	<0.2	10	190	1.01	0.23	0.61	0.85	33.7	28.1	18
ZZ77475		0.19	0.001	0.65	0.87	25.2	<0.2	10	200	0.92	0.19	0.97	1.49	27.5	16.6	13
ZZ77476		0.13	0.001	0.87	0.89	26.1	<0.2	10	210	0.74	0.19	1.02	1.59	30.1	15.1	18
ZZ77477		0.21	0.002	0.41	1.00	20.3	<0.2	<10	280	0.82	0.19	1.15	1.51	25.8	13.2	18
ZZ77478		0.21	0.002	1.35	0.63	23.6	<0.2	10	220	1.01	0.18	2.85	12.60	20.0	9.8	22
ZZ77479		0.17	0.002	0.55	0.90	20.5	<0.2	10	180	0.93	0.19	1.52	2.20	20.1	10.5	20
ZZ77480		0.19	0.001	0.45	0.83	19.8	<0.2	10	130	0.93	0.20	1.23	2.09	23.1	10.9	17
ZZ77481		0.23	0.005	0.48	0.85	20.3	<0.2	10	160	0.98	0.21	1.60	2.66	24.4	12.1	18
ZZ77482		0.23	0.001	0.57	0.87	16.9	<0.2	10	140	1.04	0.22	1.35	2.43	23.9	13.2	19
ZZ77483		0.25	<0.001	0.50	0.81	18.5	<0.2	10	170	0.87	0.19	1.55	3.03	20.7	10.5	18
ZZ77484		0.17	0.002	0.58	0.85	17.5	<0.2	10	160	0.98	0.20	1.38	2.85	20.8	9.5	19
ZZ77485		0.33	0.005	0.83	1.06	244	<0.2	<10	450	0.99	0.26	0.60	2.29	19.70	10.4	22
ZZ77486		0.20	0.001	0.31	0.98	140.0	<0.2	10	200	0.99	0.24	1.65	0.97	17.85	9.6	18
ZZ77487		0.20	0.001	0.46	1.11	55.6	<0.2	10	390	1.16	0.23	1.44	7.05	20.5	9.1	20
ZZ77488		0.17	0.002	0.24	1.02	45.6	<0.2	<10	170	0.98	0.25	1.32	0.84	20.1	12.5	18
ZZ77489		0.22	0.002	0.42	1.19	35.9	<0.2	<10	220	1.09	0.25	1.41	2.07	25.3	12.3	23
ZZ77490		0.16	0.001	0.29	0.97	21.3	<0.2	<10	150	0.72	0.19	1.91	0.87	20.1	12.0	19
ZZ77491		0.19	0.001	0.50	0.97	15.7	<0.2	10	170	0.56	0.17	1.62	0.57	20.0	10.7	22
ZZ77492		0.21	0.001	0.71	0.76	20.5	<0.2	10	140	0.74	0.17	2.16	1.59	22.8	12.1	13
ZZ77493		0.29	0.002	0.11	1.84	52.0	<0.2	<10	170	1.38	0.32	0.10	0.29	30.1	19.0	27
ZZ77494		0.14	0.003	0.17	1.38	29.0	<0.2	<10	280	0.85	0.26	0.84	0.24	24.7	14.6	22
ZZ77495		0.21	0.002	0.24	1.21	34.5	<0.2	10	220	0.90	0.25	1.62	0.91	18.90	14.1	19
ZZ77496		0.20	0.002	0.90	1.21	24.8	<0.2	<10	210	0.78	0.19	2.21	1.07	18.35	12.2	21
ZZ77497		0.15	<0.001	0.34	1.01	22.7	<0.2	<10	180	0.79	0.18	1.81	0.94	17.30	12.4	18
ZZ77498		0.22	0.003	0.42	1.50	37.6	<0.2	<10	240	0.99	0.26	1.05	1.77	20.9	13.2	31
ZZ77499		0.19	0.001	0.52	0.98	19.6	<0.2	10	180	0.93	0.19	1.73	3.46	19.40	10.6	21
ZZ77500		0.28	0.002	0.54	1.01	17.0	<0.2	10	190	0.99	0.21	1.74	2.13	19.75	9.9	21
ZZ77501		0.15	0.002	0.41	0.95	22.6	<0.2	10	170	0.85	0.20	2.31	1.86	17.50	10.0	19
ZZ77502		0.26	0.002	0.40	1.02	77.6	<0.2	10	180	0.97	0.21	2.03	2.67	20.0	9.4	20
ZZ77503		0.19	0.002	0.56	1.43	33.4	<0.2	<10	580	0.84	0.21	2.26	0.45	13.95	9.8	27
ZZ77504		0.26	<0.001	0.27	1.32	34.9	<0.2	<10	370	0.89	0.23	0.94	0.43	9.45	12.2	26
ZZ77505		0.23	0.003	0.33	1.35	99.6	<0.2	<10	350	0.94	0.22	1.96	0.61	10.65	10.2	27
ZZ77506		0.17	0.001	0.16	2.05	161.0	<0.2	<10	470	1.21	0.26	2.12	1.90	17.95	10.6	32
ZZ77507		0.33	0.004	0.13	2.09	234	<0.2	<10	500	1.62	0.28	0.95	1.35	28.5	13.1	35
ZZ77508		0.23	0.002	0.32	1.15	105.5	<0.2	<10	440	0.89	0.21	5.85	1.25	16.85	10.8	19
ZZ77509		0.21	<0.001	2.02	0.41	28.5	<0.2	10	1220	0.51	0.17	1.78	1.10	4.99	5.3	21
ZZ77510		0.15	0.002	0.78	1.55	33.6	<0.2	<10	1810	0.91	0.24	1.97	0.58	11.90	9.8	27

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77471		1.98	29.6	3.65	4.70	<0.05	0.02	0.03	0.033	0.12	3.8	28.8	0.42	984	1.74	0.01
ZZ77472		2.97	60.2	3.53	4.73	0.05	0.06	0.07	0.033	0.16	6.6	25.3	0.41	661	1.04	0.01
ZZ77473		0.87	77.7	4.70	1.92	0.07	0.03	0.22	0.053	0.12	15.0	8.4	0.15	320	5.51	0.01
ZZ77474		2.18	95.0	5.20	3.66	0.07	0.07	0.32	0.052	0.15	16.2	21.7	0.42	517	1.88	0.01
ZZ77475		1.17	64.0	3.51	2.95	0.06	0.07	0.20	0.043	0.13	12.6	15.3	0.35	446	3.30	0.01
ZZ77476		0.74	57.4	3.83	3.28	0.06	0.06	0.17	0.044	0.14	13.8	13.1	0.32	267	5.27	0.01
ZZ77477		0.59	49.8	2.95	3.22	0.05	0.05	0.17	0.036	0.07	12.2	15.2	0.48	415	4.03	0.01
ZZ77478		0.65	63.1	2.47	2.27	0.06	0.04	0.34	0.030	0.09	13.3	5.6	0.80	211	24.2	0.01
ZZ77479		0.79	45.8	2.64	2.95	0.05	0.05	0.20	0.033	0.09	10.8	12.0	0.28	297	8.51	0.01
ZZ77480		0.78	45.1	2.85	2.83	0.06	0.08	0.19	0.037	0.12	11.6	13.8	0.40	200	5.73	0.01
ZZ77481		0.75	44.7	3.09	2.81	0.05	0.06	0.20	0.036	0.14	11.5	12.7	0.54	248	9.04	0.01
ZZ77482		0.73	50.9	2.60	2.94	0.05	0.06	0.21	0.037	0.14	11.4	13.6	0.47	240	6.95	0.01
ZZ77483		0.61	43.3	2.65	2.78	0.05	0.06	0.21	0.036	0.13	10.2	12.7	0.37	183	7.25	0.01
ZZ77484		0.65	45.4	2.54	2.86	0.06	0.07	0.20	0.037	0.13	10.5	12.8	0.34	171	6.25	0.01
ZZ77485		2.11	46.7	2.99	3.55	0.05	0.05	0.65	0.035	0.09	11.0	16.0	0.29	336	4.91	0.01
ZZ77486		0.77	33.9	2.82	3.21	<0.05	0.06	0.30	0.030	0.10	9.2	15.4	0.68	239	3.87	0.01
ZZ77487		0.70	48.9	2.95	3.62	0.05	0.07	0.31	0.031	0.10	10.5	14.1	0.37	622	5.18	0.01
ZZ77488		0.78	45.0	3.46	3.33	0.05	0.05	0.32	0.030	0.07	10.7	17.3	0.67	640	1.50	0.01
ZZ77489		0.81	53.5	3.03	3.94	0.05	0.06	0.37	0.034	0.08	14.3	17.3	0.42	510	3.42	0.01
ZZ77490		0.51	32.4	2.82	2.98	<0.05	0.04	0.16	0.033	0.07	10.4	15.7	0.41	375	1.87	0.01
ZZ77491		0.76	32.0	2.71	3.19	<0.05	0.05	0.16	0.031	0.09	9.2	13.3	0.40	220	3.58	0.01
ZZ77492		0.67	57.1	2.47	2.57	<0.05	0.06	0.21	0.029	0.10	10.4	11.5	0.43	264	2.48	0.01
ZZ77493		2.37	59.3	4.52	5.01	0.05	0.04	0.17	0.044	0.09	11.5	32.5	0.54	647	1.06	0.01
ZZ77494		1.09	44.5	3.53	4.54	<0.05	0.05	0.15	0.036	0.10	12.0	24.2	0.50	419	1.22	0.01
ZZ77495		1.02	50.1	3.28	3.92	0.05	0.07	0.32	0.035	0.10	9.2	21.6	0.52	594	1.54	0.01
ZZ77496		0.48	68.5	3.40	3.92	<0.05	0.06	0.19	0.032	0.06	9.3	18.9	0.64	431	5.53	<0.01
ZZ77497		0.56	33.7	3.53	3.02	<0.05	0.05	0.18	0.031	0.06	9.0	12.1	0.48	701	4.03	<0.01
ZZ77498		0.78	46.4	3.67	4.55	0.05	0.06	0.29	0.037	0.09	11.8	22.7	0.56	464	5.07	<0.01
ZZ77499		0.67	43.0	3.10	3.09	0.06	0.08	0.19	0.036	0.13	10.2	12.3	0.49	429	6.49	0.01
ZZ77500		0.67	45.3	2.81	3.19	0.05	0.07	0.20	0.039	0.14	10.3	13.2	0.54	204	5.06	<0.01
ZZ77501		0.58	40.8	3.06	3.07	0.05	0.07	0.20	0.034	0.12	8.8	12.9	0.74	321	5.28	<0.01
ZZ77502		0.68	40.2	3.12	3.30	0.06	0.07	0.21	0.035	0.12	10.2	14.1	0.78	375	4.08	<0.01
ZZ77503		0.75	23.4	2.68	3.97	0.06	0.05	4.88	0.032	0.06	11.5	14.4	0.34	385	1.24	<0.01
ZZ77504		0.80	17.0	3.48	3.83	<0.05	0.05	0.10	0.042	0.08	5.5	17.7	0.33	395	1.28	<0.01
ZZ77505		1.08	25.6	3.15	3.73	0.05	0.04	0.21	0.034	0.08	11.0	14.5	0.29	380	1.54	<0.01
ZZ77506		1.16	21.4	3.61	5.67	<0.05	0.04	0.18	0.036	0.09	13.0	11.6	0.32	775	2.08	<0.01
ZZ77507		1.74	22.3	4.29	6.28	0.07	0.09	0.33	0.044	0.12	18.2	11.9	0.32	762	3.33	<0.01
ZZ77508		0.99	35.1	3.60	3.35	<0.05	0.04	0.33	0.030	0.12	8.7	9.9	2.81	1140	1.97	<0.01
ZZ77509		0.85	48.1	2.50	1.22	<0.05	0.04	0.20	0.031	0.11	4.1	1.6	0.12	128	5.67	<0.01
ZZ77510		0.79	33.3	3.07	4.23	<0.05	0.04	0.26	0.037	0.09	8.8	14.1	0.33	413	1.90	<0.01

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77471		0.37	27.9	520	25.7	13.0	<0.001	0.04	0.41	2.7	0.3	0.7	14.2	<0.01	0.04	1.8
ZZ77472		0.73	35.9	370	20.2	17.9	<0.001	0.03	0.44	5.4	0.7	0.8	26.5	<0.01	0.05	4.0
ZZ77473		0.17	41.3	1240	32.8	6.1	0.002	0.06	1.89	7.6	2.4	0.5	45.4	<0.01	0.05	3.5
ZZ77474		0.21	50.1	1390	27.4	10.0	0.001	0.02	1.23	12.5	2.1	0.5	38.5	<0.01	0.06	4.4
ZZ77475		0.30	32.9	1460	17.8	8.8	0.003	0.04	2.20	7.9	1.9	0.4	62.2	<0.01	0.06	3.1
ZZ77476		0.34	31.4	2160	17.4	8.1	0.002	0.06	3.99	7.1	3.0	0.5	60.5	<0.01	0.06	3.8
ZZ77477		0.35	35.0	1170	15.3	5.8	0.002	0.07	2.27	5.0	2.1	0.4	49.0	<0.01	0.06	2.0
ZZ77478		0.23	113.0	960	14.2	5.9	0.003	0.05	9.42	4.3	4.5	0.5	55.7	<0.01	0.08	1.6
ZZ77479		0.30	47.5	830	14.5	9.6	0.006	0.07	3.56	3.8	2.5	0.4	40.7	<0.01	0.07	1.5
ZZ77480		0.32	45.4	970	15.0	10.5	0.005	0.08	2.22	4.5	3.6	0.5	52.6	<0.01	0.05	1.9
ZZ77481		0.31	54.1	930	15.8	9.8	0.005	0.06	2.78	4.3	2.5	0.5	52.3	<0.01	0.06	1.8
ZZ77482		0.33	51.2	840	17.0	10.5	0.004	0.06	2.27	4.7	2.0	0.5	49.4	<0.01	0.05	1.9
ZZ77483		0.33	51.8	910	14.6	9.3	0.006	0.08	2.62	3.7	3.4	0.5	56.8	<0.01	0.06	1.5
ZZ77484		0.35	50.7	890	14.6	9.6	0.008	0.10	2.39	3.8	3.9	0.5	56.1	<0.01	0.06	1.4
ZZ77485		0.41	50.7	890	39.3	10.0	0.001	0.04	2.46	4.7	2.6	0.6	34.0	<0.01	0.07	2.5
ZZ77486		0.28	36.1	730	24.5	9.2	0.004	0.09	1.56	3.6	2.6	0.5	43.6	<0.01	0.05	1.5
ZZ77487		0.39	54.3	870	19.2	10.0	0.006	0.09	2.33	4.4	4.2	0.5	54.1	<0.01	0.06	1.6
ZZ77488		0.29	29.8	450	30.4	7.2	<0.001	0.04	0.91	6.1	1.4	0.4	25.6	<0.01	0.05	2.0
ZZ77489		0.49	46.9	920	21.5	8.7	0.002	0.06	1.83	4.8	2.6	0.5	42.4	<0.01	0.06	1.6
ZZ77490		0.32	32.0	1030	13.2	5.6	0.001	0.07	1.16	3.7	1.5	0.3	58.3	<0.01	0.06	1.2
ZZ77491		0.29	19.6	1440	13.7	7.9	0.001	0.06	2.55	4.7	1.9	0.4	57.4	<0.01	0.07	1.9
ZZ77492		0.26	25.4	1370	15.8	6.2	0.002	0.09	2.75	5.0	2.4	0.4	80.6	<0.01	0.06	1.7
ZZ77493		0.26	38.8	410	23.0	11.6	<0.001	0.01	0.57	7.4	1.0	0.5	12.3	<0.01	0.08	3.8
ZZ77494		0.60	27.8	740	18.0	8.9	<0.001	0.03	0.69	5.9	1.0	0.5	45.2	<0.01	0.05	2.4
ZZ77495		0.40	29.1	740	18.4	9.3	0.003	0.08	1.39	6.5	2.7	0.4	80.4	<0.01	0.06	1.8
ZZ77496		0.29	29.5	1800	17.2	5.3	0.004	0.11	5.28	4.6	3.1	0.4	97.1	<0.01	0.08	2.0
ZZ77497		0.28	30.9	1210	14.8	5.7	0.001	0.10	1.41	4.4	1.7	0.3	57.8	<0.01	0.07	2.0
ZZ77498		0.42	45.5	920	18.0	7.7	0.001	0.04	1.85	6.3	2.0	0.5	32.4	<0.01	0.07	2.9
ZZ77499		0.31	50.0	1140	15.6	8.9	0.008	0.11	2.66	4.3	3.3	0.5	59.5	<0.01	0.06	1.9
ZZ77500		0.34	41.9	1010	16.4	9.4	0.004	0.09	2.26	4.8	3.2	0.5	59.1	<0.01	0.05	2.0
ZZ77501		0.39	38.3	880	16.3	8.1	0.005	0.09	2.13	4.4	2.8	0.5	64.9	<0.01	0.06	2.1
ZZ77502		0.31	38.5	1000	18.9	9.3	0.007	0.09	1.79	4.7	4.2	0.5	45.3	<0.01	0.05	3.1
ZZ77503		0.50	28.9	1160	23.3	7.0	<0.001	0.08	0.60	2.9	1.7	0.5	36.1	<0.01	0.05	1.0
ZZ77504		0.21	37.5	700	18.1	7.2	<0.001	0.03	0.43	4.4	0.9	0.5	19.7	<0.01	0.07	2.9
ZZ77505		0.29	41.6	900	18.9	9.7	<0.001	0.06	0.62	3.6	1.6	0.5	28.3	<0.01	0.07	1.2
ZZ77506		0.51	38.5	690	36.6	8.7	<0.001	0.05	0.99	3.7	1.1	0.7	22.6	<0.01	0.05	1.2
ZZ77507		0.42	45.5	180	49.6	13.9	<0.001	0.01	1.13	7.4	1.6	0.8	15.6	<0.01	0.07	5.7
ZZ77508		0.24	29.5	910	40.2	7.9	<0.001	0.07	1.12	3.0	1.4	0.5	34.6	<0.01	0.05	1.0
ZZ77509		0.09	77.2	1760	10.8	6.5	0.006	0.18	1.61	4.0	6.7	0.4	145.0	<0.01	0.13	1.1
ZZ77510		0.42	44.8	940	17.1	8.1	0.001	0.07	0.89	3.9	2.3	0.6	58.9	<0.01	0.07	1.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ77471		0.005	0.19	0.50	24	0.05	4.14	80	0.7
ZZ77472		0.010	0.16	1.18	24	0.22	11.50	77	1.7
ZZ77473		<0.005	0.21	1.48	31	<0.05	14.05	194	1.3
ZZ77474		<0.005	0.23	0.85	57	<0.05	15.95	173	2.8
ZZ77475		<0.005	0.21	1.33	40	0.05	11.70	212	2.3
ZZ77476		<0.005	0.19	2.18	53	<0.05	11.20	234	2.4
ZZ77477		0.005	0.17	2.08	46	0.05	12.05	159	1.7
ZZ77478		<0.005	0.46	4.54	338	0.13	23.3	763	1.4
ZZ77479		<0.005	0.32	2.61	141	0.06	13.50	267	1.8
ZZ77480		<0.005	0.30	2.20	94	0.06	13.40	264	2.5
ZZ77481		<0.005	0.29	2.21	119	0.07	13.95	330	2.0
ZZ77482		<0.005	0.31	2.37	107	0.06	14.55	288	1.9
ZZ77483		<0.005	0.29	2.07	127	0.09	13.35	361	2.1
ZZ77484		<0.005	0.31	2.67	122	0.06	14.00	325	2.1
ZZ77485		0.007	0.53	1.83	92	0.17	17.20	338	1.3
ZZ77486		<0.005	0.60	1.67	72	0.09	12.60	269	1.8
ZZ77487		<0.005	0.44	4.33	107	0.06	13.70	440	2.1
ZZ77488		0.005	0.27	1.31	34	0.08	14.45	165	1.5
ZZ77489		0.007	0.27	2.53	79	0.12	16.50	173	1.6
ZZ77490		0.005	0.12	1.79	48	0.08	10.75	162	1.2
ZZ77491		<0.005	0.17	1.73	56	<0.05	8.81	163	1.7
ZZ77492		<0.005	0.15	1.39	47	<0.05	11.15	228	2.0
ZZ77493		<0.005	0.26	0.83	44	0.07	10.10	93	1.3
ZZ77494		0.010	0.18	1.00	46	0.22	9.54	87	1.3
ZZ77495		0.005	0.26	2.55	44	0.07	10.00	174	1.8
ZZ77496		<0.005	0.11	3.45	86	0.06	12.45	158	2.0
ZZ77497		<0.005	0.13	1.80	55	0.06	11.00	123	1.8
ZZ77498		0.008	0.22	2.13	104	0.10	15.60	230	1.7
ZZ77499		0.005	0.31	2.15	121	0.06	13.80	404	2.4
ZZ77500		0.005	0.27	2.20	90	0.06	13.65	287	2.4
ZZ77501		<0.005	0.24	2.10	86	0.07	12.00	253	2.2
ZZ77502		<0.005	0.43	2.00	96	0.07	13.40	306	2.6
ZZ77503		0.006	0.11	1.29	41	0.12	21.1	99	1.7
ZZ77504		<0.005	0.10	1.06	40	0.06	11.45	181	1.3
ZZ77505		<0.005	0.18	2.19	45	0.13	24.4	181	1.3
ZZ77506		0.005	0.23	1.69	86	0.25	17.40	243	1.0
ZZ77507		<0.005	0.45	0.83	106	0.26	26.8	269	3.6
ZZ77508		<0.005	0.44	2.08	49	0.13	13.35	283	1.1
ZZ77509		<0.005	0.19	3.09	54	0.07	29.2	286	1.7
ZZ77510		<0.005	0.17	2.36	57	0.12	19.00	137	1.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117178

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (2 ppm DL)

Applies to Method: ME- MS41

Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).

Applies to Method: ME- MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	LOG- 22	SCR- 41	WEI- 21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au- ICP21	ME- MS41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

CERTIFICATE WH13118110

Project: Nadaleen
P.O. No.: SO13-03
This report is for 199 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76271		0.21	0.002	0.21	1.52	20.1	<0.2	<10	380	0.85	0.24	0.67	1.08	16.60	9.3	25
ZZ76272		0.31	0.003	0.04	1.64	68.5	<0.2	<10	310	1.23	0.34	0.15	0.10	18.40	11.3	26
ZZ76273		0.26	0.001	0.05	1.70	38.4	<0.2	<10	200	0.74	0.32	0.41	0.09	13.05	11.3	27
ZZ76274		0.24	0.005	0.28	1.45	54.7	<0.2	<10	410	1.04	0.25	1.31	0.81	18.20	14.1	27
ZZ76275		0.14	0.003	0.34	1.32	84.4	<0.2	<10	610	1.10	0.20	2.43	1.17	13.30	11.1	22
ZZ76276		0.17	0.003	0.21	1.76	74.1	<0.2	<10	290	1.25	0.26	0.96	0.75	21.8	13.3	31
ZZ76277		0.17	0.002	0.36	1.74	221	<0.2	<10	320	1.39	0.24	2.58	2.26	21.4	10.3	28
ZZ76278		0.22	0.001	0.06	1.82	155.0	<0.2	<10	210	1.12	0.23	0.64	1.45	27.4	11.3	31
ZZ76279		0.22	0.003	0.14	1.61	59.4	<0.2	<10	180	0.88	0.23	0.30	0.39	19.25	11.7	29
ZZ76280		0.27	0.031	0.36	0.88	96	<0.2	<10	100	1.01	0.11	11.70	0.50	13.05	7.5	16
ZZ76281		0.23	0.006	0.27	1.48	80.7	<0.2	<10	190	1.23	0.22	2.33	0.61	25.6	11.2	29
ZZ76282		0.20	0.004	0.83	1.79	232	<0.2	<10	230	2.22	0.24	2.62	1.95	31.9	11.3	33
ZZ76283		0.17	0.014	0.78	2.40	204	<0.2	<10	290	2.06	0.27	0.59	1.62	49.4	13.3	43
ZZ76284		0.09	0.012	0.65	1.17	173.0	<0.2	<10	490	1.26	0.20	1.93	1.34	15.65	11.9	21
ZZ76285		0.08	0.034	3.50	0.72	92.9	<0.2	10	1310	0.54	0.20	2.83	7.96	8.18	3.4	58
ZZ76286		0.28	0.009	1.89	1.53	182.5	<0.2	<10	1570	1.08	0.26	0.38	0.48	19.55	5.2	65
ZZ76287		0.32	0.002	0.84	0.49	9.2	<0.2	<10	780	0.11	0.18	0.03	0.09	14.50	1.2	21
ZZ76288		0.34	0.002	0.79	0.41	24.9	<0.2	<10	230	0.10	0.17	0.02	0.09	13.85	1.5	14
ZZ76289		0.34	0.003	1.03	0.60	63.9	<0.2	<10	2010	0.38	0.21	0.02	0.19	5.11	4.4	27
ZZ76290		0.28	0.003	1.06	0.64	44.3	<0.2	<10	1340	0.48	0.21	0.05	0.60	6.74	4.2	32
ZZ76291		0.33	0.003	1.13	0.85	78.6	<0.2	<10	990	0.48	0.26	0.05	0.39	9.61	6.3	32
ZZ76292		0.05	0.010	5.46	0.74	51.9	<0.2	10	1910	0.74	0.10	3.59	4.20	7.02	7.6	101
ZZ76293		0.31	0.005	2.95	0.80	28.5	<0.2	20	660	1.36	0.16	0.38	0.54	16.65	0.9	87
ZZ76294		0.32	0.002	4.09	1.05	94.8	<0.2	<10	710	0.38	0.27	0.04	0.53	12.70	4.0	27
ZZ76295		0.28	0.005	2.17	0.99	45.6	<0.2	<10	1190	0.66	0.26	0.03	0.96	14.15	4.8	22
ZZ76296		0.36	0.001	0.83	0.51	14.2	<0.2	<10	440	0.33	0.32	0.02	0.87	5.98	3.5	11
ZZ76297		0.30	0.004	0.78	0.62	13.3	<0.2	<10	340	0.41	0.35	0.01	3.44	7.08	9.4	13
ZZ76298		0.38	0.008	2.34	0.66	17.0	<0.2	<10	530	0.63	0.32	0.02	1.45	10.40	11.0	10
ZZ76299		0.32	0.009	0.89	0.84	12.0	<0.2	<10	500	0.67	0.29	0.02	0.78	21.4	8.6	15
ZZ76300		0.29	0.006	0.96	0.64	20.8	<0.2	<10	360	0.68	0.22	0.09	0.93	29.2	13.5	12
ZZ76301		0.33	0.006	0.36	0.79	12.1	<0.2	<10	240	0.39	0.27	0.04	0.52	14.85	7.6	17
ZZ76302		0.31	0.008	1.52	1.18	12.2	<0.2	<10	310	0.70	0.24	0.07	0.75	17.10	6.6	16
ZZ76303		0.25	0.009	0.61	1.21	65.8	<0.2	<10	470	0.66	0.27	0.08	0.92	20.0	9.8	20
ZZ76304		0.22	0.002	0.64	1.00	34.6	<0.2	<10	120	0.33	0.31	0.03	1.44	15.95	5.9	29
ZZ76305		0.21	0.004	0.81	1.83	35.9	<0.2	<10	140	0.54	0.29	0.08	1.54	23.8	8.0	34
ZZ76306		0.21	0.003	0.54	1.53	34.9	<0.2	<10	230	0.45	0.31	0.15	1.61	24.3	8.0	33
ZZ76307		0.14	0.001	0.51	1.00	18.4	<0.2	<10	300	0.74	0.21	0.54	1.67	15.60	4.9	44
ZZ76308		0.21	0.002	0.39	1.67	20.2	<0.2	<10	260	1.09	0.23	0.28	3.75	34.4	10.6	31
ZZ76309		0.22	0.002	0.13	2.00	19.7	<0.2	<10	130	0.60	0.30	0.12	0.96	23.0	10.0	33
ZZ76310		0.34	0.002	0.06	2.11	51.7	<0.2	<10	220	1.60	0.28	0.49	0.27	41.9	18.6	27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76271	1.49	26.9	3.35	5.09	0.05	0.07	0.07	0.037	0.11	7.8	20.7	0.40	427	3.69	0.01
ZZ76272	1.95	28.1	3.57	5.75	0.05	0.07	0.15	0.037	0.09	7.4	16.0	0.29	646	0.76	0.01
ZZ76273	2.15	21.6	3.96	5.78	0.05	0.03	0.07	0.035	0.10	5.9	23.5	0.32	626	0.98	0.01
ZZ76274	0.85	39.1	3.72	4.19	0.07	0.10	0.29	0.038	0.11	9.0	20.7	0.80	507	2.59	0.01
ZZ76275	0.76	39.0	3.02	3.57	0.06	0.08	0.40	0.031	0.08	6.7	15.7	0.58	443	1.84	0.01
ZZ76276	0.93	28.1	3.78	4.86	0.07	0.10	0.22	0.038	0.08	11.4	19.0	0.64	427	2.05	0.01
ZZ76277	1.23	24.4	3.20	4.89	0.07	0.08	0.46	0.038	0.07	13.2	14.4	0.93	652	1.53	0.01
ZZ76278	1.32	15.8	3.56	5.22	0.07	0.07	0.56	0.039	0.08	12.8	14.1	0.48	595	1.85	0.01
ZZ76279	0.92	20.5	3.51	4.52	0.06	0.06	0.26	0.033	0.08	8.9	17.3	0.49	385	1.98	0.01
ZZ76280	0.75	13.9	1.81	2.23	<0.05	0.06	0.74	0.019	0.05	6.5	9.2	6.73	413	1.25	0.01
ZZ76281	0.87	17.8	3.26	4.25	0.06	0.08	0.32	0.033	0.09	12.2	15.3	1.53	479	1.81	0.01
ZZ76282	1.21	15.6	3.51	4.77	0.06	0.09	0.98	0.036	0.09	16.2	14.7	1.53	872	2.01	0.01
ZZ76283	1.55	18.9	4.01	5.20	0.09	0.10	1.99	0.044	0.07	24.4	18.2	0.50	672	2.67	0.01
ZZ76284	2.50	59.9	2.91	3.20	0.07	0.07	1.68	0.034	0.07	7.6	10.5	0.42	685	2.97	0.01
ZZ76285	8.82	71.9	1.34	3.26	0.09	0.10	6.65	0.036	0.07	4.1	5.7	0.13	73	2.70	<0.01
ZZ76286	4.26	108.0	5.26	4.79	0.09	0.05	1.73	0.078	0.10	9.7	12.8	0.24	158	5.87	0.01
ZZ76287	3.93	9.8	0.76	3.77	<0.05	<0.02	0.10	0.009	0.05	8.0	0.7	0.02	28	4.38	0.01
ZZ76288	3.18	12.2	1.00	3.63	<0.05	<0.02	0.11	0.013	0.06	7.4	0.8	0.02	36	3.97	0.01
ZZ76289	1.85	54.0	3.23	2.90	0.07	0.02	0.20	0.036	0.09	3.0	2.8	0.05	61	7.38	0.01
ZZ76290	1.81	48.8	2.99	2.60	0.07	0.02	0.16	0.032	0.11	3.9	2.7	0.06	75	9.17	0.01
ZZ76291	3.29	43.6	4.19	3.38	0.09	0.03	0.18	0.045	0.14	5.1	8.3	0.18	134	15.70	0.01
ZZ76292	1.05	57.3	2.71	2.10	0.15	0.08	0.41	0.027	0.07	12.5	7.2	0.10	94	15.45	0.01
ZZ76293	2.07	64.3	3.62	3.38	0.22	0.06	0.16	0.043	0.30	14.8	3.9	0.03	7	5.82	0.02
ZZ76294	2.27	41.9	4.34	5.37	0.09	0.02	0.15	0.047	0.19	6.5	7.3	0.12	121	9.73	0.02
ZZ76295	2.25	69.8	4.49	4.09	0.09	0.02	0.19	0.048	0.16	7.1	4.5	0.09	106	8.03	0.02
ZZ76296	2.03	52.2	2.52	2.51	0.05	<0.02	0.05	0.037	0.17	3.1	1.6	0.04	66	5.38	0.01
ZZ76297	4.65	58.4	2.65	2.91	0.07	0.02	0.06	0.042	0.15	3.4	3.2	0.04	464	5.66	0.01
ZZ76298	2.95	77.5	2.67	1.99	0.07	0.02	0.20	0.058	0.16	4.0	5.9	0.06	176	5.49	0.01
ZZ76299	4.15	62.4	2.82	2.80	0.09	0.02	0.18	0.060	0.23	8.0	10.6	0.14	149	4.62	0.02
ZZ76300	7.03	80.4	3.34	2.29	0.11	0.03	0.14	0.060	0.20	10.2	7.6	0.13	245	5.17	0.03
ZZ76301	3.78	37.3	2.25	3.37	0.07	<0.02	0.10	0.034	0.12	6.6	7.4	0.18	217	3.09	0.01
ZZ76302	3.64	55.5	2.14	3.16	0.08	<0.02	0.22	0.040	0.10	7.3	8.6	0.18	146	3.13	0.01
ZZ76303	6.05	46.5	2.99	4.59	0.09	0.02	0.26	0.045	0.11	8.8	9.3	0.21	317	4.54	0.01
ZZ76304	2.60	35.6	3.43	6.71	0.10	0.03	0.05	0.037	0.07	8.4	6.1	0.15	173	41.1	<0.01
ZZ76305	2.66	23.2	3.66	7.19	0.08	<0.02	0.20	0.039	0.07	12.3	13.3	0.35	297	16.05	0.01
ZZ76306	2.76	23.3	3.53	7.32	0.09	<0.02	0.09	0.038	0.07	12.2	14.6	0.39	250	20.1	0.01
ZZ76307	1.29	42.4	1.83	4.59	0.08	<0.02	0.05	0.029	0.08	11.3	6.4	0.10	317	16.20	0.01
ZZ76308	1.49	35.9	2.97	5.27	0.09	0.02	0.10	0.037	0.08	16.3	13.9	0.27	404	10.85	0.01
ZZ76309	2.31	23.4	3.82	7.09	0.07	0.02	0.04	0.044	0.10	11.2	25.5	0.40	311	4.38	0.01
ZZ76310	2.21	33.2	4.17	5.32	0.09	0.07	0.17	0.052	0.11	12.6	31.9	0.42	894	1.43	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76271		0.49	23.5	1700	12.8	25.1	0.001	0.08	1.00	3.1	1.2	0.5	26.6	<0.01	0.05	0.9
ZZ76272		0.55	21.7	530	20.7	16.5	<0.001	0.02	0.25	4.3	0.4	0.8	10.0	<0.01	0.04	2.9
ZZ76273		0.66	19.1	440	20.2	16.7	<0.001	0.01	0.31	3.5	0.3	0.8	22.8	<0.01	0.05	2.6
ZZ76274		0.51	48.4	660	24.0	8.9	0.001	0.02	0.98	5.4	1.1	0.5	27.0	0.01	0.05	3.6
ZZ76275		0.46	39.2	680	20.4	8.8	<0.001	0.06	1.06	3.6	1.3	0.4	28.4	<0.01	0.05	1.2
ZZ76276		0.64	42.9	270	25.4	9.9	<0.001	0.01	0.75	5.9	1.0	0.6	18.1	0.01	0.06	4.1
ZZ76277		0.62	29.9	690	39.3	10.5	<0.001	0.04	1.19	4.0	1.0	0.5	26.2	0.01	0.04	1.2
ZZ76278		0.63	29.2	240	28.4	11.4	<0.001	0.01	0.74	5.4	0.6	0.6	13.8	<0.01	0.05	3.6
ZZ76279		0.61	35.1	210	20.8	9.9	<0.001	0.01	0.69	4.1	0.7	0.5	12.2	<0.01	0.05	3.8
ZZ76280		0.36	22.1	690	15.8	7.6	<0.001	0.02	0.65	2.8	0.7	0.2	54.8	<0.01	0.03	1.1
ZZ76281		0.62	34.1	230	24.4	11.7	<0.001	0.01	0.72	5.2	0.8	0.5	18.3	<0.01	0.05	3.9
ZZ76282		0.68	30.9	590	87.1	14.6	<0.001	0.04	1.56	4.6	0.8	0.6	24.7	0.01	0.04	2.4
ZZ76283		0.94	49.8	540	42.6	14.5	<0.001	0.03	1.06	7.9	1.2	0.6	16.6	0.01	0.05	4.4
ZZ76284		0.47	46.2	1030	21.8	8.8	0.001	0.07	1.89	3.5	2.4	0.4	29.0	0.01	0.06	1.4
ZZ76285		0.41	274	880	19.6	17.8	0.022	0.27	6.08	3.6	10.6	0.6	154.5	<0.01	0.10	0.8
ZZ76286		0.61	51.0	940	82.8	12.9	0.001	0.13	2.07	7.7	4.4	0.6	47.4	0.01	0.12	1.2
ZZ76287		0.26	8.5	370	8.1	7.2	<0.001	0.03	0.30	0.8	0.9	0.8	24.0	<0.01	0.04	0.2
ZZ76288		0.37	13.7	320	9.1	8.4	<0.001	0.04	0.53	1.0	1.4	0.7	22.7	<0.01	0.05	0.6
ZZ76289		0.33	56.2	1010	13.3	9.2	<0.001	0.16	1.15	3.2	4.5	0.5	85.9	<0.01	0.09	1.0
ZZ76290		0.25	52.3	1080	14.5	10.0	0.001	0.12	1.44	3.0	5.3	0.5	70.7	<0.01	0.10	0.7
ZZ76291		0.42	47.1	1370	21.8	14.2	0.002	0.22	2.09	3.5	6.4	0.5	71.2	<0.01	0.13	1.7
ZZ76292		0.16	168.0	4190	6.2	7.2	0.013	0.17	2.89	3.2	17.5	0.3	324	0.01	0.09	0.4
ZZ76293		0.10	23.5	>10000	15.8	22.6	0.019	0.35	1.88	4.2	22.6	0.4	278	0.01	0.15	2.2
ZZ76294		1.10	27.5	900	18.8	15.7	<0.001	0.32	3.48	2.4	4.5	0.7	62.3	<0.01	0.12	2.5
ZZ76295		0.57	31.0	970	17.9	15.1	<0.001	0.24	3.89	2.5	4.5	0.7	38.9	<0.01	0.14	1.3
ZZ76296		0.22	25.3	780	18.8	22.2	<0.001	0.08	2.72	1.8	2.2	0.6	17.9	<0.01	0.13	1.1
ZZ76297		0.26	29.6	1050	24.3	32.6	<0.001	0.05	3.48	1.5	2.4	0.6	12.4	<0.01	0.15	0.9
ZZ76298		0.17	37.3	570	27.3	16.6	0.001	0.15	3.46	3.4	3.7	0.5	40.1	<0.01	0.15	2.3
ZZ76299		0.37	27.3	760	23.5	20.6	0.001	0.30	2.71	3.5	3.5	0.5	55.3	<0.01	0.11	4.3
ZZ76300		0.34	37.8	1090	23.9	17.7	0.001	0.32	3.50	3.9	3.7	0.4	67.6	<0.01	0.11	5.6
ZZ76301		0.36	24.0	700	17.9	15.4	<0.001	0.05	1.88	1.1	1.8	0.5	17.0	<0.01	0.07	0.4
ZZ76302		0.34	25.8	1500	17.7	14.8	<0.001	0.10	1.87	0.9	2.4	0.5	18.0	<0.01	0.08	0.4
ZZ76303		0.21	31.7	1480	22.0	19.3	<0.001	0.08	1.85	1.1	2.1	0.6	28.4	<0.01	0.08	0.3
ZZ76304		0.97	63.3	650	18.8	14.5	0.001	0.05	13.00	1.8	10.1	1.0	16.3	0.01	0.16	0.6
ZZ76305		0.64	51.3	900	16.7	12.8	0.002	0.04	7.21	0.9	5.1	0.8	15.9	<0.01	0.11	0.2
ZZ76306		0.61	70.9	770	16.4	11.2	0.004	0.05	8.22	0.9	5.9	0.9	17.8	<0.01	0.11	0.2
ZZ76307		0.16	50.9	2240	11.3	18.6	0.002	0.12	5.60	0.2	6.4	0.7	20.5	<0.01	0.13	<0.2
ZZ76308		0.44	41.1	1010	16.1	15.1	0.001	0.04	4.94	1.6	3.0	0.7	14.0	<0.01	0.06	0.4
ZZ76309		0.38	28.5	1670	16.6	14.1	<0.001	0.04	1.52	0.7	1.9	0.7	11.6	<0.01	0.08	0.2
ZZ76310		0.53	33.6	520	24.7	16.9	<0.001	0.02	0.65	5.3	0.9	0.7	22.8	<0.01	0.05	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76271		0.010	0.24	1.95	59	0.14	5.50	190	1.4
ZZ76272		0.008	0.27	0.97	38	0.20	6.93	61	1.2
ZZ76273		0.006	0.31	0.78	44	0.21	3.82	64	0.7
ZZ76274		0.008	0.22	1.14	57	0.13	13.10	185	2.6
ZZ76275		0.005	0.26	2.57	50	0.15	11.75	172	1.9
ZZ76276		0.007	0.25	1.15	66	0.15	14.60	153	2.8
ZZ76277		0.009	0.99	1.78	65	0.24	16.20	265	1.5
ZZ76278		0.008	0.41	1.20	74	0.21	10.80	176	2.0
ZZ76279		0.010	0.23	0.84	57	0.16	5.98	145	2.0
ZZ76280		0.008	0.48	1.25	31	0.20	8.17	111	1.5
ZZ76281		0.012	0.32	1.13	55	0.16	11.75	150	2.1
ZZ76282		0.013	0.79	1.87	66	0.50	13.45	369	2.0
ZZ76283		0.014	0.55	2.44	73	0.41	22.1	269	2.1
ZZ76284		0.008	0.71	2.72	56	0.28	12.20	242	1.5
ZZ76285		0.006	4.52	26.1	60	0.21	6.41	164	3.6
ZZ76286		0.010	1.58	5.70	146	0.28	18.00	123	0.5
ZZ76287		0.012	0.49	0.78	45	0.12	2.22	26	<0.5
ZZ76288		0.011	1.00	0.45	48	0.17	2.64	58	<0.5
ZZ76289		0.007	1.83	1.03	94	0.28	7.02	211	0.7
ZZ76290		0.005	0.40	2.23	79	0.13	7.96	198	<0.5
ZZ76291		0.009	0.79	1.67	76	0.14	5.87	201	0.8
ZZ76292		<0.005	0.28	8.25	95	0.20	36.4	675	2.1
ZZ76293		<0.005	1.01	11.85	114	0.09	20.6	87	2.0
ZZ76294		0.021	1.08	1.07	132	0.18	3.56	161	0.7
ZZ76295		0.012	0.44	1.84	133	0.15	5.95	153	<0.5
ZZ76296		0.005	0.25	0.77	66	0.05	2.06	204	<0.5
ZZ76297		0.006	0.37	1.32	59	0.07	3.59	232	0.6
ZZ76298		<0.005	0.42	1.63	39	0.05	10.65	249	0.5
ZZ76299		0.009	0.56	1.58	42	0.07	8.39	168	0.5
ZZ76300		0.013	0.62	1.83	38	0.08	9.59	233	0.9
ZZ76301		0.013	0.31	0.95	44	0.12	4.27	149	<0.5
ZZ76302		0.006	0.39	2.73	42	0.11	11.05	133	<0.5
ZZ76303		0.005	1.12	1.94	61	0.13	9.75	154	0.5
ZZ76304		0.025	2.46	2.11	302	0.36	5.35	319	1.1
ZZ76305		0.025	3.49	3.85	308	0.32	5.55	400	<0.5
ZZ76306		0.025	2.82	3.91	425	0.36	7.85	299	<0.5
ZZ76307		<0.005	1.12	3.42	409	0.18	10.45	256	<0.5
ZZ76308		0.010	0.52	6.41	299	0.22	17.70	375	<0.5
ZZ76309		0.010	0.43	2.00	120	0.20	4.70	120	<0.5
ZZ76310		0.005	0.45	0.92	42	0.12	9.25	91	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76311		0.13	0.001	0.69	1.39	11.1	<0.2	<10	190	0.68	0.21	0.12	0.92	12.60	9.6	19
ZZ76312		0.14	<0.001	0.45	1.19	6.7	<0.2	<10	210	1.10	0.22	0.26	0.57	19.50	10.2	14
ZZ76313		0.29	0.001	0.12	1.70	20.2	<0.2	<10	270	1.33	0.28	0.39	0.23	24.8	17.0	26
ZZ76314		0.18	0.001	0.06	1.60	34.9	<0.2	<10	210	0.60	0.30	0.51	0.12	16.20	13.2	25
ZZ76315		0.18	0.003	0.72	1.78	43.5	<0.2	<10	440	1.55	0.29	0.78	0.17	45.3	16.1	26
ZZ76316		0.23	0.007	0.68	0.57	15.1	<0.2	<10	190	0.68	0.24	0.03	1.21	9.90	10.2	7
ZZ76317		0.23	0.002	0.56	0.46	10.5	<0.2	<10	270	0.44	0.25	0.04	1.83	5.87	6.7	7
ZZ76318		0.25	0.002	0.29	0.57	13.4	<0.2	<10	300	0.73	0.26	0.04	0.88	7.25	8.5	9
ZZ76319		0.31	0.004	0.73	0.46	30.3	<0.2	<10	490	0.61	0.25	0.05	1.38	8.39	8.5	9
ZZ76320		0.20	<0.001	1.07	0.62	19.0	<0.2	<10	480	0.54	0.30	0.05	1.13	9.40	9.0	13
ZZ76321		0.24	0.001	0.50	0.56	18.2	<0.2	<10	460	0.41	0.28	0.02	1.35	10.20	5.5	12
ZZ76322		0.20	0.008	1.56	1.31	39.5	<0.2	<10	530	0.52	0.27	0.05	0.44	16.40	6.7	29
ZZ76323		0.23	0.002	2.28	0.57	26.1	<0.2	<10	900	0.22	0.28	0.02	0.39	13.05	2.1	17
ZZ76324		0.25	0.004	2.45	0.64	36.2	<0.2	<10	1200	0.35	0.24	0.06	0.96	13.30	2.4	19
ZZ76325		0.12	0.008	5.52	0.57	33.2	<0.2	10	2220	0.64	0.16	2.07	3.32	8.55	6.3	62
ZZ76326		0.04	0.003	1.72	0.36	20.3	<0.2	10	1440	0.40	0.12	1.37	0.92	4.24	3.0	22
ZZ76327		0.13	0.003	0.62	0.70	27.0	<0.2	10	1440	0.43	0.19	0.79	0.31	7.63	8.1	23
ZZ76328		0.08	0.006	1.92	0.45	27.7	<0.2	<10	1070	0.22	0.18	1.50	1.12	9.01	1.8	21
ZZ76329		0.06	0.004	0.67	0.65	52.6	<0.2	20	270	0.52	0.14	3.72	2.61	10.30	6.5	22
ZZ76330		0.08	0.004	0.43	0.74	59.3	<0.2	10	420	0.77	0.14	2.33	1.14	11.50	7.8	17
ZZ76331		0.14	0.081	0.67	1.31	224	<0.2	<10	300	1.09	0.20	4.39	2.01	19.95	10.1	22
ZZ76332		0.13	0.012	1.83	1.73	186.5	<0.2	10	240	2.03	0.23	5.57	6.27	28.2	9.1	26
ZZ76333		0.21	0.008	1.06	1.13	142.0	<0.2	<10	150	1.50	0.20	8.48	1.19	17.90	10.1	23
ZZ76334		0.12	0.003	0.37	1.73	74.1	<0.2	<10	590	1.28	0.28	2.53	1.26	20.8	11.6	28
ZZ76335		0.07	<0.001	0.25	0.83	41.6	<0.2	<10	280	0.63	0.12	4.98	1.46	9.23	5.5	12
ZZ76336		0.09	0.003	0.21	1.30	58.1	<0.2	<10	330	0.95	0.23	1.82	1.23	18.95	10.8	24
ZZ76337		0.11	0.003	0.33	1.43	55.6	<0.2	<10	650	0.95	0.24	2.22	0.71	13.90	9.8	24
ZZ76338		0.09	<0.001	0.29	0.90	34.8	<0.2	10	930	0.79	0.17	3.67	1.16	8.73	7.9	15
ZZ76340		0.17	0.005	0.35	1.01	65.6	<0.2	<10	350	0.88	0.23	1.64	1.20	14.65	11.6	21
ZZ76341		0.10	0.003	0.35	0.98	50.5	<0.2	10	480	0.75	0.21	2.02	1.14	14.20	11.1	20
ZZ76342		0.07	<0.001	0.24	0.79	28.6	<0.2	<10	480	0.58	0.17	1.66	0.83	11.55	8.7	16
ZZ76343		0.11	0.003	0.28	1.03	35.0	<0.2	<10	420	0.68	0.19	2.27	0.53	12.55	8.4	19
ZZ76344		0.06	0.002	0.18	0.99	30.4	<0.2	<10	400	0.53	0.17	2.37	0.54	11.25	7.5	18
ZZ76345		0.03	0.005	0.14	0.49	16.1	<0.2	<10	380	0.21	0.11	2.12	2.58	4.85	4.7	10
ZZ76346		0.19	0.002	0.04	0.73	17.7	<0.2	<10	80	0.17	0.30	0.06	0.25	20.0	2.5	13
ZZ76347		0.04	<0.001	0.63	0.54	11.2	<0.2	10	600	0.22	0.07	4.67	0.39	6.87	3.1	7
ZZ76348		0.22	0.002	0.28	0.45	84.3	<0.2	10	200	1.23	0.11	1.37	0.49	39.5	17.9	12
ZZ76349		0.20	0.003	1.67	0.38	54.0	<0.2	<10	160	1.10	0.14	1.74	2.38	12.65	13.4	13
ZZ76350		0.25	0.002	2.65	0.49	23.3	<0.2	<10	260	0.87	0.19	1.12	16.85	21.5	9.6	16
ZZ76351		0.13	0.001	2.76	0.48	20.7	<0.2	10	430	0.97	0.15	4.54	22.6	17.10	3.1	66

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76311	1.45	22.9	2.77	4.76	0.06	0.09	0.06	0.033	0.13	4.5	11.2	0.19	216	5.08	0.01
ZZ76312	1.91	15.4	2.16	4.26	0.07	0.02	0.04	0.029	0.10	8.6	6.0	0.12	829	1.96	0.01
ZZ76313	2.37	37.4	4.37	5.34	0.09	0.07	0.06	0.052	0.13	9.4	29.3	0.42	481	1.87	0.01
ZZ76314	2.39	25.9	3.94	6.81	0.07	0.03	0.07	0.040	0.08	6.9	22.6	0.36	547	1.36	0.01
ZZ76315	4.60	45.4	3.70	6.43	0.14	0.12	0.36	0.045	0.14	25.4	26.0	0.41	668	1.07	0.01
ZZ76316	5.78	70.5	2.70	2.09	0.06	0.02	0.14	0.046	0.12	4.4	4.4	0.05	102	8.10	<0.01
ZZ76317	5.54	48.1	2.35	2.35	0.06	<0.02	0.04	0.035	0.15	2.8	4.0	0.06	124	5.03	<0.01
ZZ76318	3.93	59.1	2.49	2.26	0.06	<0.02	0.07	0.041	0.14	3.2	7.6	0.07	117	5.48	0.01
ZZ76319	4.14	73.4	2.74	2.06	0.08	<0.02	0.20	0.044	0.14	3.4	3.9	0.05	175	5.48	0.01
ZZ76320	3.27	61.0	2.35	3.26	0.07	<0.02	0.07	0.043	0.14	4.2	5.4	0.08	259	4.73	0.01
ZZ76321	3.02	39.3	2.17	3.13	0.06	<0.02	0.03	0.029	0.14	4.7	3.5	0.06	200	3.71	0.01
ZZ76322	5.92	46.7	3.78	5.08	0.09	0.02	0.18	0.046	0.13	8.3	11.0	0.22	168	7.65	0.01
ZZ76323	3.86	24.0	2.37	4.82	0.07	0.02	0.07	0.028	0.15	6.6	2.2	0.03	38	8.41	0.01
ZZ76324	4.87	98.2	2.70	4.29	0.07	<0.02	0.12	0.031	0.15	6.5	2.2	0.03	57	7.93	0.01
ZZ76325	1.62	48.0	1.93	2.45	0.12	0.06	0.43	0.031	0.07	7.5	5.6	0.10	136	12.15	<0.01
ZZ76326	1.56	30.1	1.47	1.48	0.08	0.05	0.25	0.022	0.06	2.9	2.8	0.05	77	6.30	0.01
ZZ76327	1.47	23.5	2.18	2.58	0.06	0.04	0.37	0.028	0.07	3.6	7.2	0.15	487	6.25	<0.01
ZZ76328	1.97	18.2	1.26	2.51	0.07	0.04	1.02	0.024	0.05	4.7	4.1	0.09	85	4.25	0.01
ZZ76329	1.53	20.2	1.43	2.20	0.09	0.05	1.34	0.024	0.04	4.7	8.8	0.35	506	1.57	0.01
ZZ76330	1.14	39.3	2.23	2.28	0.09	0.04	1.64	0.027	0.06	5.2	8.7	0.25	361	6.38	0.01
ZZ76331	1.17	19.5	2.81	4.07	0.07	0.05	3.07	0.029	0.07	9.4	12.6	2.13	651	2.23	0.01
ZZ76332	1.75	12.2	2.74	5.07	0.09	0.07	2.26	0.038	0.06	14.4	11.9	3.10	1170	1.65	0.01
ZZ76333	0.83	20.7	2.70	3.03	<0.05	0.07	1.44	0.035	0.07	9.8	11.3	4.45	401	2.19	0.01
ZZ76334	1.09	31.1	3.19	4.95	<0.05	0.05	0.44	0.037	0.07	11.0	14.4	0.84	542	1.88	0.01
ZZ76335	0.67	20.2	1.42	2.31	<0.05	0.04	0.27	0.017	0.04	4.8	5.7	1.01	314	0.95	0.01
ZZ76336	0.67	25.5	2.87	3.91	<0.05	0.04	0.29	0.033	0.06	8.4	14.3	0.52	518	1.79	0.01
ZZ76337	0.85	39.6	2.81	4.06	<0.05	0.06	0.40	0.032	0.08	7.5	14.4	0.54	361	1.58	0.01
ZZ76338	0.50	40.5	2.00	2.52	<0.05	0.04	0.29	0.022	0.06	4.8	9.0	0.40	344	1.29	0.01
ZZ76340	0.88	35.5	2.88	3.36	<0.05	0.05	0.36	0.033	0.09	7.6	15.0	0.57	347	1.98	0.01
ZZ76341	0.66	31.5	2.65	3.14	<0.05	0.05	0.33	0.033	0.08	7.6	13.6	0.58	656	1.61	0.01
ZZ76342	0.48	27.5	2.48	2.54	<0.05	0.05	0.18	0.028	0.06	5.7	12.0	0.37	336	1.62	<0.01
ZZ76343	0.45	22.3	2.29	3.18	<0.05	0.04	0.18	0.027	0.06	6.6	11.8	0.28	304	1.43	0.01
ZZ76344	0.60	16.1	2.11	3.06	<0.05	0.03	0.13	0.024	0.05	5.3	10.1	0.25	320	1.45	0.01
ZZ76345	0.56	12.5	1.09	1.96	<0.05	0.03	5.72	0.013	0.04	2.4	3.7	0.14	726	1.17	0.01
ZZ76346	0.96	5.5	1.85	5.75	<0.05	<0.02	0.02	0.014	0.03	10.1	3.9	0.07	117	1.56	<0.01
ZZ76347	0.28	12.5	0.56	1.11	<0.05	0.03	0.15	0.008	0.01	3.9	0.9	0.14	1490	0.48	0.01
ZZ76348	0.62	24.0	4.56	1.39	0.08	0.04	0.15	0.065	0.14	21.2	1.2	0.05	365	2.06	<0.01
ZZ76349	0.23	47.9	2.47	0.97	<0.05	0.04	0.30	0.044	0.06	8.5	1.4	0.04	242	18.30	<0.01
ZZ76350	0.69	38.6	2.64	1.69	0.06	0.04	0.26	0.030	0.10	12.7	2.1	0.14	805	18.85	0.01
ZZ76351	0.39	118.0	1.14	2.52	0.08	0.08	0.49	0.022	0.08	14.2	3.1	0.42	85	36.2	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ76311		0.41	23.5	1300	17.1	17.7	0.001	0.07	1.98	2.0	1.7	0.7	9.8	<0.01	0.04	1.2
ZZ76312		0.17	12.7	2510	20.7	20.4	<0.001	0.18	0.59	0.9	0.7	0.5	15.7	0.01	0.05	0.2
ZZ76313		0.38	33.4	720	21.5	18.7	<0.001	0.03	0.47	4.6	1.0	0.7	19.8	<0.01	0.08	2.4
ZZ76314		0.57	19.9	780	19.8	16.2	<0.001	0.02	0.51	2.9	0.6	0.8	24.2	<0.01	0.07	1.0
ZZ76315		0.52	31.8	1030	23.2	23.0	0.001	0.05	0.52	7.4	2.1	0.8	31.4	<0.01	0.09	2.7
ZZ76316		0.13	52.9	700	23.1	14.2	0.003	0.01	4.38	3.3	3.2	0.5	7.8	<0.01	0.08	2.5
ZZ76317		0.19	31.2	770	16.5	19.5	0.001	0.01	2.62	1.7	2.0	0.5	11.1	<0.01	0.09	0.8
ZZ76318		0.19	36.6	590	18.3	20.6	0.001	0.01	2.33	2.6	2.2	0.5	14.4	<0.01	0.10	1.6
ZZ76319		0.14	39.3	690	20.0	14.7	0.001	0.03	3.11	3.0	2.8	0.5	25.4	<0.01	0.13	1.6
ZZ76320		0.27	32.8	570	20.5	19.3	<0.001	0.02	2.85	2.6	1.8	0.7	19.8	<0.01	0.13	1.5
ZZ76321		0.22	23.8	690	14.4	23.0	<0.001	0.03	2.06	1.2	1.4	0.6	16.6	<0.01	0.09	0.4
ZZ76322		1.02	30.7	980	20.0	20.1	<0.001	0.14	3.11	2.9	3.8	0.7	40.9	<0.01	0.11	3.7
ZZ76323		0.38	14.6	940	20.7	16.4	<0.001	0.21	2.49	0.6	2.7	0.9	39.6	<0.01	0.11	0.2
ZZ76324		0.29	20.2	1360	16.3	14.4	<0.001	0.25	2.65	0.4	3.8	0.8	40.7	<0.01	0.12	<0.2
ZZ76325		0.19	79.7	2060	10.0	9.2	0.021	0.12	2.72	4.2	10.6	0.5	175.5	<0.01	0.10	1.1
ZZ76326		0.13	29.0	790	8.1	7.4	0.016	0.13	1.39	2.7	6.5	0.3	96.3	<0.01	0.07	0.8
ZZ76327		0.23	23.9	640	13.7	8.5	0.004	0.05	0.87	3.4	3.8	0.5	65.2	<0.01	0.09	1.1
ZZ76328		0.33	16.8	770	14.6	7.5	0.012	0.15	1.85	2.6	8.5	0.5	76.6	<0.01	0.07	0.9
ZZ76329		0.35	136.5	900	20.3	8.8	0.018	0.40	4.43	2.3	10.9	0.4	109.0	<0.01	0.05	0.8
ZZ76330		0.33	46.9	500	17.9	6.7	0.019	0.18	3.59	3.5	8.6	0.3	65.8	<0.01	0.05	1.4
ZZ76331		0.68	29.8	630	28.5	10.7	<0.001	0.06	1.21	3.1	1.3	0.5	36.9	<0.01	0.04	1.3
ZZ76332		0.74	22.0	670	73.3	12.8	<0.001	0.05	1.21	3.8	1.3	0.7	35.0	<0.01	0.05	1.5
ZZ76333		0.33	32.3	880	59.2	9.2	<0.001	0.07	1.68	3.6	1.4	0.4	55.9	<0.01	0.05	1.8
ZZ76334		0.60	30.9	620	25.9	11.1	<0.001	0.05	0.98	3.7	1.3	0.6	32.0	<0.01	0.06	1.4
ZZ76335		0.40	15.6	870	10.2	6.5	<0.001	0.12	0.85	1.1	1.0	0.3	42.4	<0.01	0.03	0.4
ZZ76336		0.59	30.5	470	20.1	7.8	0.001	0.05	1.04	2.8	1.1	0.5	25.0	<0.01	0.03	1.2
ZZ76337		0.53	31.4	790	20.1	8.8	<0.001	0.08	1.15	3.0	1.5	0.5	29.9	<0.01	0.04	1.1
ZZ76338		0.30	28.9	940	13.3	6.3	<0.001	0.12	1.23	1.2	2.1	0.3	50.8	<0.01	0.03	0.4
ZZ76340		0.40	39.3	850	21.2	8.0	0.003	0.06	1.28	3.7	2.2	0.4	29.2	<0.01	0.06	2.0
ZZ76341		0.44	35.6	890	17.7	7.0	0.005	0.07	1.12	3.2	2.0	0.4	31.0	<0.01	0.04	1.5
ZZ76342		0.68	27.5	660	15.0	5.8	0.002	0.05	1.02	3.2	1.1	0.3	30.8	<0.01	0.03	1.9
ZZ76343		0.51	24.2	810	14.2	6.6	0.001	0.08	0.82	2.3	1.4	0.4	34.1	<0.01	0.04	0.8
ZZ76344		0.47	19.9	840	11.8	7.2	<0.001	0.09	0.73	1.7	1.2	0.4	30.9	<0.01	0.04	0.6
ZZ76345		0.48	10.5	910	6.5	4.6	<0.001	0.14	0.53	0.9	0.7	0.3	43.3	<0.01	0.03	0.4
ZZ76346		1.23	6.9	290	12.6	7.1	<0.001	0.01	0.62	1.0	0.5	0.7	5.6	<0.01	0.04	1.5
ZZ76347		0.28	7.9	750	3.2	1.2	<0.001	0.13	0.64	0.6	2.3	0.2	77.5	<0.01	0.02	<0.2
ZZ76348		0.30	50.1	1330	15.0	4.8	0.002	0.09	0.79	8.5	1.7	0.5	42.6	<0.01	0.03	4.1
ZZ76349		0.08	99.1	630	18.1	2.8	0.003	0.08	4.98	3.7	3.6	0.2	31.0	<0.01	0.13	0.6
ZZ76350		0.11	77.6	1210	17.1	7.5	0.002	0.08	17.65	2.6	5.3	0.4	20.1	<0.01	0.10	0.9
ZZ76351		0.15	167.5	2100	11.9	7.1	0.005	0.19	16.70	1.3	9.5	0.5	105.0	<0.01	0.14	0.6

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76311		<0.005	0.30	1.08	56	0.06	3.68	169	2.5
ZZ76312		<0.005	0.20	1.47	38	0.11	6.42	56	0.8
ZZ76313		<0.005	0.27	1.02	42	0.08	8.66	94	1.9
ZZ76314		0.010	0.36	0.66	56	0.17	3.03	66	0.7
ZZ76315		0.005	0.44	2.14	43	0.14	25.4	73	2.8
ZZ76316		<0.005	0.63	1.60	41	<0.05	5.04	356	<0.5
ZZ76317		0.005	0.42	0.61	40	0.05	1.80	291	<0.5
ZZ76318		<0.005	0.49	0.84	41	<0.05	3.45	230	<0.5
ZZ76319		<0.005	0.47	1.20	42	<0.05	7.94	291	<0.5
ZZ76320		0.005	0.32	0.88	52	0.07	3.91	208	<0.5
ZZ76321		0.007	0.28	0.59	53	0.09	2.79	225	<0.5
ZZ76322		0.019	0.84	1.33	96	0.21	4.18	178	1.1
ZZ76323		0.009	0.56	0.56	122	0.16	2.04	95	<0.5
ZZ76324		0.008	0.50	1.26	114	0.14	8.51	113	<0.5
ZZ76325		<0.005	0.31	8.85	106	0.19	29.8	330	2.7
ZZ76326		<0.005	0.17	4.48	46	0.09	10.95	105	2.1
ZZ76327		<0.005	0.21	1.78	55	0.10	8.65	126	1.3
ZZ76328		0.006	0.63	7.46	47	0.16	7.19	35	1.7
ZZ76329		0.005	1.65	7.95	63	0.07	8.12	221	1.9
ZZ76330		0.006	0.52	9.48	49	0.09	12.75	147	1.5
ZZ76331		0.011	1.18	2.77	49	0.33	9.69	260	1.4
ZZ76332		0.014	0.91	1.52	60	0.60	11.90	549	1.7
ZZ76333		0.006	0.47	1.86	43	0.30	12.15	220	1.9
ZZ76334		0.009	0.27	3.26	62	0.18	11.80	159	1.5
ZZ76335		0.007	0.16	4.34	28	0.10	5.66	72	1.6
ZZ76336		0.010	0.20	2.15	58	0.14	8.39	141	1.3
ZZ76337		0.007	0.29	2.53	50	0.19	9.57	141	1.8
ZZ76338		0.005	0.13	4.05	31	0.07	8.12	98	1.2
ZZ76340		0.007	0.23	1.41	45	0.11	12.45	189	1.9
ZZ76341		0.007	0.20	1.41	45	0.09	12.35	174	1.7
ZZ76342		0.009	0.12	1.35	36	0.06	8.49	152	2.0
ZZ76343		0.007	0.12	2.47	44	0.08	9.81	112	1.3
ZZ76344		0.010	0.11	0.87	38	0.14	5.67	90	1.0
ZZ76345		0.010	0.10	0.36	25	0.06	2.00	92	1.0
ZZ76346		0.035	0.15	0.40	73	0.19	1.77	49	<0.5
ZZ76347		0.012	0.06	5.18	16	0.07	6.68	8	1.4
ZZ76348		<0.005	0.21	0.73	17	<0.05	15.45	167	1.3
ZZ76349		<0.005	0.34	2.94	106	0.08	15.45	170	1.3
ZZ76350		<0.005	0.50	4.98	300	0.15	22.6	993	1.1
ZZ76351		<0.005	0.79	8.38	702	0.24	31.7	1220	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76352		0.23	0.009	5.22	0.53	38.5	<0.2	10	560	1.42	0.17	5.40	31.4	21.0	3.7	112
ZZ76353		0.29	0.006	4.11	0.58	34.7	<0.2	10	500	1.29	0.15	4.65	30.5	20.6	3.6	102
ZZ76354		0.26	0.006	3.32	0.66	27.6	<0.2	10	430	1.12	0.14	3.62	19.60	16.35	5.1	61
ZZ76355		0.10	0.003	2.26	0.57	16.5	<0.2	10	270	0.81	0.11	4.08	13.80	12.70	3.4	45
ZZ76356		0.26	0.008	0.95	0.46	48.4	<0.2	<10	500	0.71	0.23	0.43	3.14	14.95	6.6	11
ZZ76357		0.11	0.004	0.60	0.41	14.9	<0.2	<10	410	0.38	0.19	0.91	1.21	10.40	3.4	8
ZZ76358		0.04	0.008	0.30	0.54	11.2	<0.2	10	320	0.26	0.12	0.19	1.18	9.74	3.4	9
ZZ76359		0.07	0.008	1.00	0.41	40.2	<0.2	<10	490	0.57	0.25	0.64	2.24	15.35	5.3	7
ZZ76360		0.10	0.007	0.60	0.37	61.7	<0.2	10	600	0.56	0.21	1.00	1.23	8.66	8.9	7
ZZ76361		0.20	0.006	0.48	0.44	21.7	<0.2	<10	530	0.60	0.24	0.25	1.22	9.50	5.9	9
ZZ76362		0.31	0.003	0.49	0.89	31.7	<0.2	<10	560	0.82	0.22	3.62	2.16	17.40	12.3	20
ZZ76363		0.12	0.007	0.41	1.30	87.4	<0.2	<10	420	1.01	0.26	1.48	0.89	16.35	12.2	24
ZZ76364		0.43	0.005	0.49	0.95	63.5	<0.2	<10	230	0.92	0.24	2.44	2.12	19.50	13.5	21
ZZ76365		0.19	0.018	0.39	0.84	267	<0.2	<10	280	0.76	0.18	3.11	2.35	13.95	9.3	18
ZZ76366		0.28	0.036	0.34	0.86	172.5	<0.2	<10	270	0.77	0.18	4.94	1.73	15.15	10.2	17
ZZ76367		0.05	0.021	0.41	1.21	162.5	<0.2	10	450	1.01	0.19	2.96	1.34	14.20	12.0	21
ZZ76368		0.22	0.010	0.33	0.92	109.5	<0.2	<10	270	0.85	0.18	6.23	1.27	13.45	8.9	17
ZZ76369		0.20	0.006	0.38	1.06	164.0	<0.2	<10	340	1.09	0.18	5.40	1.90	14.40	9.8	18
ZZ76370		0.15	0.008	0.41	1.15	176.0	<0.2	<10	320	1.28	0.21	4.15	1.67	15.05	12.4	22
ZZ76371		0.06	0.002	0.27	0.90	54.1	<0.2	10	330	0.76	0.16	2.83	0.95	8.62	8.6	17
ZZ76372		0.05	0.002	0.20	1.01	24.3	<0.2	10	320	0.65	0.16	2.42	0.44	9.17	8.7	17
ZZ76373		0.04	NSS	0.05	0.14	2.5	<0.2	10	300	0.10	0.03	5.70	0.49	1.70	0.9	2
ZZ76374		0.23	0.003	0.28	1.29	49.4	<0.2	<10	220	0.87	0.22	0.95	1.14	18.10	12.3	26
ZZ76375		0.10	0.011	0.39	1.00	113.0	<0.2	10	530	0.98	0.16	4.03	2.13	13.25	7.5	18
ZZ76376		0.19	0.001	0.10	1.17	91.4	<0.2	<10	200	0.58	0.25	0.69	2.21	15.80	6.2	18
ZZ76377		0.28	0.004	0.23	1.58	53.2	<0.2	<10	470	1.10	0.23	0.96	1.06	22.4	9.5	26
ZZ76378		0.09	0.008	0.41	1.22	199.5	<0.2	10	390	1.23	0.21	2.39	1.67	17.15	11.2	22
ZZ76379		0.07	0.013	0.28	1.02	97.5	<0.2	<10	420	0.77	0.19	3.04	1.48	14.70	8.5	18
ZZ76380		0.21	<0.001	0.20	0.66	15.4	<0.2	<10	100	0.78	0.29	0.11	0.08	6.98	9.8	11
ZZ76381		0.24	0.001	0.14	0.98	5.5	<0.2	10	520	1.50	0.19	1.47	0.12	35.4	14.4	17
ZZ76382		0.16	<0.001	0.13	1.19	3.8	<0.2	10	670	1.35	0.15	3.03	0.18	25.3	9.0	16
ZZ76383		0.24	0.002	0.41	0.98	12.6	<0.2	10	320	1.30	0.17	1.80	1.74	27.6	9.3	16
ZZ76384		0.11	0.002	1.00	0.43	19.2	<0.2	10	160	0.95	0.13	2.14	3.40	21.3	8.7	15
ZZ76385		0.12	0.003	1.60	0.29	14.8	<0.2	10	150	0.70	0.12	3.27	21.1	10.40	4.7	12
ZZ76386		0.17	0.007	2.16	0.44	25.2	<0.2	10	260	0.89	0.19	4.73	16.50	13.95	5.0	32
ZZ76387		0.11	0.003	1.24	0.70	30.9	<0.2	10	420	1.00	0.16	2.96	8.81	21.7	8.6	41
ZZ76388		0.08	NSS	1.28	0.47	16.2	<0.2	10	440	0.62	0.09	4.93	8.13	12.40	3.5	35
ZZ76389		0.11	0.049	1.64	0.41	25.9	<0.2	10	210	0.94	0.15	4.87	12.30	16.00	6.7	28
ZZ76390		0.19	0.006	1.36	0.43	23.4	<0.2	10	230	0.95	0.14	5.13	10.95	18.25	6.1	33
ZZ76391		0.05	0.006	1.49	0.54	23.2	<0.2	10	280	0.91	0.15	3.31	11.90	15.65	6.3	37

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ76352		0.59	182.5	1.44	3.67	0.13	0.07	0.84	0.030	0.13	19.6	3.9	1.10	59	63.6	0.01
ZZ76353		0.74	149.0	1.32	3.34	0.11	0.07	0.66	0.025	0.12	19.4	4.7	0.91	79	40.6	0.01
ZZ76354		0.90	100.5	1.39	2.71	0.08	0.04	0.54	0.029	0.09	14.3	6.2	0.69	98	18.50	0.01
ZZ76355		0.65	59.7	0.98	2.01	0.06	0.04	0.35	0.019	0.05	12.4	4.6	0.16	108	9.26	0.01
ZZ76356		4.77	67.6	2.15	1.80	<0.05	0.03	0.46	0.038	0.12	6.9	2.8	0.10	154	10.45	<0.01
ZZ76357		2.57	29.3	0.91	1.72	<0.05	0.04	0.35	0.025	0.11	4.4	3.5	0.15	93	1.22	<0.01
ZZ76358		1.81	21.9	1.22	2.30	<0.05	<0.02	0.19	0.022	0.10	4.5	2.2	0.07	43	3.94	0.01
ZZ76359		3.41	60.9	2.25	1.44	0.06	0.03	0.49	0.041	0.11	6.1	2.1	0.08	221	3.57	0.01
ZZ76360		2.78	51.5	6.26	1.38	0.05	0.04	0.27	0.032	0.11	3.7	3.5	0.19	321	4.45	<0.01
ZZ76361		3.07	65.7	2.14	1.59	<0.05	0.03	0.22	0.038	0.14	4.0	4.1	0.09	140	3.56	<0.01
ZZ76362		1.14	43.7	2.92	2.96	<0.05	0.06	0.39	0.031	0.10	8.4	13.4	1.11	487	4.49	0.01
ZZ76363		0.84	37.5	3.15	3.98	<0.05	0.05	1.41	0.038	0.09	8.5	17.9	0.39	376	2.17	0.01
ZZ76364		0.95	42.6	3.01	3.18	0.05	0.05	7.34	0.034	0.10	9.4	13.9	1.02	574	4.40	0.01
ZZ76365		0.54	30.1	2.57	2.60	<0.05	0.04	8.29	0.027	0.07	7.5	10.1	0.83	327	3.16	0.01
ZZ76366		0.73	29.3	2.55	2.63	<0.05	0.04	2.54	0.027	0.08	7.8	10.8	2.10	490	2.46	0.01
ZZ76367		0.52	28.0	2.34	3.19	<0.05	0.05	1.54	0.029	0.08	6.7	11.2	0.36	667	1.58	0.01
ZZ76368		0.65	24.8	2.33	2.68	<0.05	0.04	0.87	0.025	0.07	7.1	11.0	3.35	337	1.69	0.01
ZZ76369		0.79	26.6	2.25	3.04	<0.05	0.04	1.50	0.026	0.07	7.5	11.2	2.44	435	1.56	0.01
ZZ76370		0.99	30.8	2.77	3.29	<0.05	0.06	0.92	0.035	0.09	7.9	14.7	1.70	422	1.92	0.01
ZZ76371		0.58	21.2	2.02	2.60	<0.05	0.05	0.22	0.025	0.07	6.0	15.1	0.29	295	0.71	0.01
ZZ76372		0.67	17.1	2.01	2.84	<0.05	0.04	0.12	0.026	0.06	6.1	15.2	0.25	430	0.69	0.01
ZZ76373		0.25	11.5	0.20	0.36	<0.05	0.03	0.09	<0.005	0.01	0.9	0.6	0.10	88	0.35	0.01
ZZ76374		1.72	21.1	2.83	3.58	0.05	0.06	0.20	0.034	0.07	13.0	17.8	0.31	683	1.70	0.01
ZZ76375		0.77	27.6	1.98	2.84	<0.05	0.03	1.02	0.021	0.06	7.4	10.7	0.64	506	1.19	0.01
ZZ76376		1.16	12.0	2.50	4.97	<0.05	0.02	0.33	0.026	0.06	7.6	10.0	0.18	285	1.99	<0.01
ZZ76377		0.79	18.7	2.93	4.77	0.05	0.05	0.23	0.034	0.06	12.5	13.5	0.31	430	1.43	<0.01
ZZ76378		0.94	30.3	2.56	3.72	<0.05	0.05	0.88	0.030	0.09	9.5	13.3	0.30	551	2.26	<0.01
ZZ76379		0.66	25.4	2.16	3.03	<0.05	0.04	0.54	0.023	0.06	7.5	10.1	0.27	500	1.49	<0.01
ZZ76380		1.00	19.5	2.53	2.78	<0.05	0.03	0.03	0.031	0.14	2.3	7.0	0.10	660	0.94	<0.01
ZZ76381		1.13	20.0	3.36	2.64	0.07	0.10	0.05	0.046	0.16	14.6	10.8	0.24	324	1.91	<0.01
ZZ76382		0.81	14.4	2.60	3.03	0.06	0.09	0.06	0.032	0.09	12.1	10.6	0.21	356	1.10	0.01
ZZ76383		0.83	34.6	2.99	2.84	0.06	0.10	0.10	0.043	0.13	14.6	9.6	0.20	182	4.64	<0.01
ZZ76384		0.44	44.0	2.59	1.50	0.06	0.04	0.22	0.036	0.09	12.5	2.9	0.10	153	22.4	<0.01
ZZ76385		0.38	42.8	1.33	1.09	0.05	0.07	0.27	0.019	0.06	7.2	2.2	0.34	78	22.6	0.01
ZZ76386		0.56	94.7	1.48	2.05	0.06	0.09	0.54	0.029	0.07	9.1	3.5	1.30	111	54.0	0.01
ZZ76387		0.57	63.1	1.90	2.48	0.06	0.05	0.31	0.027	0.07	16.4	7.9	0.69	202	13.35	0.01
ZZ76388		0.35	46.7	0.96	1.66	0.06	0.03	0.30	0.015	0.04	11.2	4.5	0.34	94	8.66	0.01
ZZ76389		0.80	65.8	1.87	1.75	0.06	0.04	0.35	0.021	0.09	12.2	4.4	1.52	128	30.4	0.01
ZZ76390		0.66	72.4	1.55	1.96	0.07	0.04	0.35	0.026	0.08	14.3	4.8	1.67	138	27.9	0.01
ZZ76391		0.48	73.8	1.51	2.25	0.06	0.05	0.33	0.022	0.08	11.5	6.1	0.35	129	22.1	<0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ76352		0.11	315	2460	13.2	9.6	0.009	0.13	24.8	2.4	16.4	0.6	147.5	<0.01	0.22	0.7
ZZ76353		0.15	369	2340	11.0	9.6	0.009	0.13	18.40	2.6	12.8	0.6	124.0	<0.01	0.20	0.7
ZZ76354		0.23	264	1620	8.3	7.4	0.009	0.10	9.52	3.1	7.3	0.5	101.0	<0.01	0.12	0.7
ZZ76355		0.21	121.0	1210	5.7	5.3	0.010	0.16	6.39	1.4	6.7	0.3	98.7	<0.01	0.07	0.3
ZZ76356		0.13	64.5	900	13.9	11.7	0.006	0.05	3.76	3.3	3.5	0.5	34.0	<0.01	0.07	1.6
ZZ76357		0.19	17.1	480	11.2	10.9	0.002	0.08	1.08	2.2	3.6	0.4	54.6	<0.01	0.06	2.2
ZZ76358		0.17	15.4	620	8.1	9.7	0.001	0.05	1.29	2.0	1.6	0.4	20.8	<0.01	0.05	1.0
ZZ76359		0.16	36.2	790	17.0	11.7	0.004	0.08	2.20	4.0	4.3	0.4	51.0	<0.01	0.07	3.5
ZZ76360		0.17	33.9	790	11.8	12.7	0.011	0.12	2.41	2.8	7.3	0.3	83.2	<0.01	0.06	2.4
ZZ76361		0.16	36.3	520	13.2	12.8	0.003	0.03	2.08	3.2	3.9	0.4	31.8	<0.01	0.10	3.1
ZZ76362		0.34	51.0	900	19.3	7.7	0.006	0.04	2.07	4.6	2.7	0.4	74.8	<0.01	0.04	3.8
ZZ76363		0.40	39.9	740	26.7	8.6	0.001	0.05	1.33	3.9	1.7	0.5	26.9	<0.01	0.06	1.7
ZZ76364		0.35	51.8	910	22.1	7.6	0.001	0.02	2.07	4.6	1.7	0.4	47.3	<0.01	0.06	3.6
ZZ76365		0.27	43.9	840	36.9	6.3	0.001	0.09	2.38	2.8	1.6	0.4	33.2	<0.01	0.05	1.0
ZZ76366		0.28	40.7	960	24.5	6.9	0.001	0.05	1.58	3.0	1.5	0.4	48.2	<0.01	0.04	1.4
ZZ76367		0.38	40.0	870	22.9	7.8	<0.001	0.11	1.20	2.3	1.6	0.4	26.7	<0.01	0.03	0.7
ZZ76368		0.30	35.1	750	21.4	7.2	<0.001	0.05	1.05	2.5	1.1	0.4	43.6	<0.01	0.04	1.0
ZZ76369		0.40	40.2	820	23.5	7.5	<0.001	0.07	1.23	2.3	1.5	0.4	39.3	<0.01	0.03	0.7
ZZ76370		0.37	50.0	730	29.9	8.1	0.001	0.06	1.24	3.3	1.5	0.5	33.5	<0.01	0.04	1.2
ZZ76371		0.27	30.9	800	16.3	7.4	0.002	0.12	0.63	2.3	1.2	0.4	33.8	<0.01	0.04	0.8
ZZ76372		0.31	25.3	760	11.9	8.0	0.001	0.10	0.43	2.3	1.2	0.3	34.3	<0.01	0.04	0.8
ZZ76373		0.09	4.9	570	1.3	1.0	0.001	0.17	0.24	0.3	0.7	<0.2	57.0	<0.01	0.02	<0.2
ZZ76374		0.43	42.7	1030	20.8	11.1	0.001	0.04	0.75	4.8	1.4	0.5	24.9	<0.01	0.05	2.5
ZZ76375		0.44	27.5	1210	22.9	7.7	0.001	0.14	1.24	1.5	1.8	0.4	35.5	<0.01	0.03	0.3
ZZ76376		0.81	20.7	260	25.3	9.7	<0.001	0.02	0.89	2.4	0.7	0.6	12.7	<0.01	0.04	1.9
ZZ76377		0.65	28.8	450	20.5	8.7	<0.001	0.02	0.66	4.7	0.9	0.6	16.8	<0.01	0.04	2.3
ZZ76378		0.52	59.2	740	27.4	9.5	0.001	0.07	1.52	3.0	1.5	0.5	30.8	<0.01	0.05	0.8
ZZ76379		0.50	29.2	860	22.4	6.6	0.001	0.11	1.21	1.8	1.5	0.4	31.9	<0.01	0.04	0.5
ZZ76380		0.20	14.4	600	18.9	12.7	<0.001	0.05	0.37	1.5	0.2	0.5	6.7	<0.01	0.02	1.0
ZZ76381		0.36	39.6	510	17.7	11.5	<0.001	0.06	0.29	5.8	1.0	0.6	50.0	<0.01	0.01	3.0
ZZ76382		0.35	23.7	1360	12.5	10.3	0.001	0.17	0.28	2.0	0.9	0.5	105.0	<0.01	0.02	0.9
ZZ76383		0.37	38.7	1410	14.4	11.8	0.001	0.11	1.59	3.3	1.7	0.6	65.8	<0.01	0.03	1.3
ZZ76384		0.22	76.5	860	13.0	5.6	0.003	0.11	5.99	3.6	3.0	0.4	47.6	<0.01	0.08	1.0
ZZ76385		0.11	101.0	950	9.6	4.5	0.009	0.17	12.10	1.3	4.7	0.4	53.6	<0.01	0.06	0.5
ZZ76386		0.18	170.0	840	15.8	5.3	0.004	0.09	16.10	3.4	5.8	0.7	88.6	<0.01	0.14	1.4
ZZ76387		0.28	183.0	1190	13.1	6.4	0.006	0.07	7.73	3.6	3.6	0.5	77.0	<0.01	0.10	1.2
ZZ76388		0.21	183.0	1390	6.0	3.9	0.009	0.15	6.07	0.8	5.7	0.3	132.0	<0.01	0.05	0.2
ZZ76389		0.16	165.5	1020	12.4	7.4	0.011	0.09	12.70	2.7	5.4	0.5	84.6	<0.01	0.10	0.7
ZZ76390		0.16	186.5	1190	11.4	7.0	0.008	0.08	10.80	2.3	5.3	0.5	96.4	<0.01	0.09	0.7
ZZ76391		0.20	148.5	700	12.3	6.6	0.007	0.12	11.45	2.3	5.1	0.5	69.7	<0.01	0.10	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76352		<0.005	1.04	10.25	1180	0.33	52.7	1880	3.0
ZZ76353		0.005	1.12	11.30	1040	0.26	50.4	2570	3.4
ZZ76354		0.006	0.95	7.26	461	0.18	36.6	1470	2.1
ZZ76355		0.005	0.59	6.88	289	0.14	26.6	757	2.0
ZZ76356		<0.005	0.74	3.54	90	0.05	15.60	378	1.0
ZZ76357		<0.005	0.48	1.98	35	0.05	7.37	64	1.4
ZZ76358		<0.005	0.32	1.03	44	0.06	5.08	105	<0.5
ZZ76359		<0.005	0.50	2.71	33	<0.05	15.55	140	1.6
ZZ76360		<0.005	0.42	1.91	40	<0.05	9.60	201	1.4
ZZ76361		<0.005	0.26	1.51	38	<0.05	10.80	214	1.0
ZZ76362		0.009	0.31	1.55	80	0.08	13.35	270	2.6
ZZ76363		0.007	0.30	2.65	56	0.11	13.25	216	1.6
ZZ76364		0.009	0.39	1.56	83	0.10	14.20	269	1.9
ZZ76365		0.005	0.63	2.36	59	0.20	13.65	313	1.4
ZZ76366		0.007	0.54	1.81	54	0.15	12.50	264	1.2
ZZ76367		0.006	0.53	3.98	48	0.21	11.15	238	1.7
ZZ76368		0.006	0.32	1.40	46	0.21	11.10	220	1.3
ZZ76369		0.006	0.46	2.24	46	0.27	12.10	261	1.3
ZZ76370		0.006	0.52	2.73	50	0.22	14.45	268	1.7
ZZ76371		<0.005	0.13	1.37	28	0.11	12.45	158	1.5
ZZ76372		<0.005	0.11	1.09	29	0.06	11.20	107	1.3
ZZ76373		0.005	0.02	2.47	3	<0.05	1.52	31	1.1
ZZ76374		0.006	0.20	2.00	43	0.12	23.4	196	1.6
ZZ76375		0.009	0.22	2.55	44	0.26	12.15	219	1.2
ZZ76376		0.012	0.21	0.79	74	0.27	4.13	152	0.9
ZZ76377		0.008	0.17	1.54	61	0.20	14.95	143	1.7
ZZ76378		0.008	0.40	2.01	62	0.35	16.30	303	1.5
ZZ76379		0.009	0.24	2.84	48	0.17	10.55	165	1.3
ZZ76380		<0.005	0.10	0.31	17	<0.05	1.86	52	0.7
ZZ76381		<0.005	0.24	0.49	22	<0.05	13.05	88	4.5
ZZ76382		<0.005	0.13	1.45	22	<0.05	10.00	63	4.2
ZZ76383		<0.005	0.24	1.86	51	0.06	14.55	202	3.5
ZZ76384		<0.005	0.31	4.17	201	0.09	19.80	354	1.6
ZZ76385		<0.005	0.42	10.10	227	0.11	16.40	770	2.6
ZZ76386		0.005	0.92	9.48	563	0.28	26.6	1020	3.8
ZZ76387		0.006	0.48	7.26	342	0.14	29.6	917	2.1
ZZ76388		<0.005	0.32	9.94	208	0.11	18.90	739	1.6
ZZ76389		<0.005	0.62	6.59	401	0.15	26.5	1060	2.2
ZZ76390		<0.005	0.57	7.12	419	0.15	30.3	1040	2.1
ZZ76391		<0.005	0.60	4.80	455	0.13	24.9	915	2.3

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76392		0.13	0.005	1.05	0.64	23.7	<0.2	10	220	0.87	0.16	3.18	8.60	18.15	8.4	33
ZZ76393		0.07	0.004	1.10	0.72	19.3	<0.2	10	280	0.82	0.16	3.08	7.48	16.90	8.2	32
ZZ76394		0.08	0.003	0.89	0.82	23.4	<0.2	10	320	0.84	0.17	2.63	4.22	17.85	9.1	29
ZZ76395		0.08	0.004	2.95	0.62	27.0	<0.2	10	320	1.24	0.18	2.71	17.90	21.4	8.5	65
ZZ76396		0.26	0.004	0.47	0.90	73.3	<0.2	<10	460	0.83	0.26	1.15	1.41	18.45	12.1	19
ZZ76397		0.08	0.004	0.40	0.77	64.5	<0.2	<10	310	0.85	0.21	0.66	0.80	13.70	9.2	13
ZZ76398		0.11	0.005	0.48	0.81	99.7	<0.2	<10	290	0.92	0.22	1.17	2.52	15.55	10.2	16
ZZ76399		0.10	0.004	0.30	1.10	26.1	<0.2	<10	470	0.80	0.19	1.74	1.29	17.25	10.6	20
ZZ76400		0.11	0.004	0.29	1.04	24.8	<0.2	<10	380	0.81	0.18	2.45	0.88	10.85	9.7	18
ZZ76401		0.12	0.005	0.25	1.38	41.8	<0.2	<10	320	0.98	0.21	1.91	0.57	10.45	11.7	22
ZZ76402		0.22	0.007	0.45	1.32	137.0	<0.2	<10	410	1.05	0.22	2.46	1.27	12.65	12.1	23
ZZ76403		0.07	0.009	0.34	1.03	80.2	<0.2	10	460	0.77	0.16	3.31	0.99	8.36	7.8	18
ZZ76404		0.10	0.018	0.49	1.09	133.5	<0.2	<10	230	1.00	0.18	2.65	1.10	13.75	7.7	21
ZZ76405		0.13	0.005	0.21	1.29	79.8	<0.2	<10	450	0.74	0.24	1.21	0.78	17.45	10.1	24
ZZ76406		0.19	0.007	0.28	1.65	153.5	<0.2	<10	380	1.13	0.27	1.43	1.09	21.4	11.4	26
ZZ76407		0.07	0.008	0.36	1.09	145.5	<0.2	<10	620	0.95	0.19	2.82	1.29	14.30	9.1	18
ZZ76408		0.12	0.003	0.30	1.28	77.5	<0.2	<10	440	0.78	0.23	2.05	1.57	16.15	9.4	21
ZZ76409		0.09	0.017	0.39	1.34	280	<0.2	<10	560	1.19	0.25	2.13	1.58	18.85	11.7	22
ZZ76410		0.25	0.002	0.10	1.21	28.4	<0.2	<10	100	0.62	0.27	0.15	0.41	12.00	11.7	22
ZZ76411		0.29	0.002	0.04	1.40	16.9	<0.2	<10	160	1.15	0.41	0.03	0.12	10.15	17.0	29
ZZ76412		0.30	<0.001	0.25	1.25	13.3	<0.2	<10	260	1.56	0.34	1.09	0.83	19.80	12.1	17
ZZ76413		0.18	0.002	0.12	0.96	15.1	<0.2	10	220	0.98	0.24	1.34	0.13	16.30	11.1	15
ZZ76414		0.09	0.003	0.13	0.63	6.9	<0.2	10	220	0.77	0.11	3.92	0.51	10.65	5.5	8
ZZ76415		0.15	0.002	0.42	0.99	17.4	<0.2	10	270	0.94	0.19	2.19	0.97	18.70	10.9	15
ZZ76416		0.18	0.001	0.36	0.98	21.1	<0.2	10	140	1.01	0.23	1.08	1.44	23.8	13.0	15
ZZ76417		0.13	0.001	0.37	0.85	15.6	<0.2	10	190	0.83	0.18	1.91	3.01	17.45	8.6	13
ZZ76418		0.18	0.001	0.94	0.64	19.3	<0.2	10	160	0.98	0.18	2.78	9.01	24.2	10.2	26
ZZ76419		0.11	0.005	0.37	0.76	21.5	<0.2	10	370	0.46	0.14	4.29	4.32	13.20	7.1	14
ZZ76420		0.13	0.004	0.55	1.13	54.4	<0.2	10	410	1.09	0.22	3.26	4.70	15.55	9.5	21
ZZ76421		0.08	0.006	0.27	0.70	13.2	<0.2	10	370	0.47	0.12	4.81	16.40	9.43	7.2	12
ZZ76422		0.21	0.003	0.59	0.92	105.5	<0.2	<10	380	1.01	0.28	1.56	2.04	19.80	11.5	15
ZZ76423		0.18	0.004	0.62	0.90	172.0	<0.2	10	420	0.80	0.21	2.26	2.05	16.20	8.4	18
ZZ76424		0.21	0.003	0.34	0.67	90.9	<0.2	<10	320	0.60	0.17	5.10	1.54	18.55	7.8	14
ZZ76425		0.19	0.003	0.44	0.70	86.3	<0.2	<10	500	0.70	0.19	4.34	1.38	15.60	7.4	14
ZZ76426		0.21	0.005	0.77	1.12	235	<0.2	<10	360	1.13	0.22	2.57	2.31	21.0	10.0	20
ZZ76427		0.14	0.003	0.63	1.14	154.5	<0.2	<10	430	0.83	0.21	2.39	1.70	18.75	9.7	21
ZZ76428		0.12	0.004	0.64	1.13	139.0	<0.2	<10	650	0.88	0.21	1.64	1.36	18.25	9.6	23
ZZ76429		0.07	0.004	0.66	0.76	105.0	<0.2	10	260	0.75	0.23	1.62	2.55	14.65	9.1	13
ZZ76430		0.21	0.005	0.65	0.68	90.1	<0.2	<10	270	0.85	0.25	0.58	1.82	17.00	8.6	11
ZZ76431		0.10	0.005	0.49	0.34	31.6	<0.2	<10	260	0.57	0.24	0.13	1.45	11.15	9.8	6

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Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76392		0.50	63.8	1.78	2.44	0.05	0.05	0.27	0.026	0.07	12.0	7.8	0.49	301	12.65	<0.01
ZZ76393		0.60	54.6	1.64	2.53	0.05	0.05	0.27	0.019	0.06	11.5	8.4	0.27	418	6.25	0.01
ZZ76394		0.71	48.6	1.83	2.73	0.05	0.04	0.25	0.027	0.06	11.2	9.9	0.28	538	5.74	0.01
ZZ76395		0.72	121.0	1.84	2.77	0.08	0.06	0.56	0.025	0.08	15.4	6.0	0.36	719	19.30	0.01
ZZ76396		2.57	53.0	2.95	3.19	0.05	0.07	0.44	0.035	0.12	8.7	13.5	0.57	380	3.56	0.01
ZZ76397		2.70	40.5	2.48	2.55	<0.05	0.06	0.41	0.036	0.10	5.8	7.2	0.22	332	3.21	<0.01
ZZ76398		1.65	43.5	2.46	2.87	<0.05	0.07	0.50	0.035	0.10	7.8	9.3	0.34	460	4.68	<0.01
ZZ76399		0.53	27.1	2.59	3.49	<0.05	0.04	1.09	0.029	0.06	9.6	15.2	0.34	613	1.92	0.01
ZZ76400		0.61	29.4	2.49	3.14	<0.05	0.05	0.30	0.029	0.06	5.7	14.6	0.46	359	2.00	0.01
ZZ76401		0.99	28.7	3.01	4.09	0.05	0.06	0.35	0.034	0.07	5.6	20.7	0.43	341	1.26	0.01
ZZ76402		0.92	34.0	3.01	3.73	<0.05	0.06	1.34	0.031	0.08	6.6	19.1	0.63	426	1.83	0.01
ZZ76403		0.77	25.0	2.08	2.85	<0.05	0.05	0.65	0.026	0.06	4.8	13.0	0.30	310	0.95	0.01
ZZ76404		0.63	19.4	2.36	3.03	<0.05	0.03	1.37	0.025	0.05	7.3	9.4	0.21	607	1.39	0.01
ZZ76405		0.87	17.3	2.86	4.46	<0.05	0.03	0.44	0.034	0.06	7.9	12.1	0.28	393	1.76	0.01
ZZ76406		1.40	21.4	3.11	5.39	<0.05	0.04	0.77	0.039	0.07	10.4	11.9	0.32	636	1.54	0.01
ZZ76407		0.79	28.1	2.16	3.40	<0.05	0.04	0.75	0.033	0.07	8.0	9.9	0.27	432	1.12	0.01
ZZ76408		0.79	16.6	2.56	3.92	<0.05	0.04	0.45	0.032	0.06	7.9	9.4	0.30	692	1.21	0.01
ZZ76409		1.13	32.3	2.82	4.12	<0.05	0.06	1.12	0.035	0.09	9.7	13.0	0.35	603	1.60	0.01
ZZ76410		1.93	22.4	3.02	5.03	<0.05	0.03	0.03	0.040	0.07	7.0	12.7	0.16	392	1.28	0.01
ZZ76411		3.25	22.0	3.52	5.27	<0.05	<0.02	0.04	0.038	0.15	4.5	15.9	0.32	883	1.20	0.01
ZZ76412		1.98	35.2	2.74	4.27	<0.05	0.05	0.04	0.042	0.16	8.2	14.9	0.23	962	0.62	0.01
ZZ76413		0.92	21.5	2.91	2.72	<0.05	0.06	0.07	0.041	0.15	6.0	11.6	0.25	284	0.87	0.01
ZZ76414		0.61	16.3	1.49	1.74	<0.05	0.05	0.08	0.023	0.08	5.3	5.7	0.18	180	1.11	0.01
ZZ76415		0.64	41.9	2.46	3.16	0.05	0.07	0.13	0.037	0.11	8.5	11.8	0.33	346	2.38	0.01
ZZ76416		0.93	43.2	3.15	3.24	0.05	0.08	0.13	0.043	0.14	11.3	13.9	0.44	445	2.69	0.01
ZZ76417		0.84	36.0	2.50	2.63	0.05	0.08	0.12	0.034	0.12	8.7	10.4	0.38	257	2.79	0.01
ZZ76418		0.52	63.4	2.30	2.33	0.06	0.05	0.24	0.037	0.13	13.2	6.7	0.78	299	13.75	0.01
ZZ76419		0.72	34.5	1.75	2.28	<0.05	0.03	0.23	0.023	0.06	6.0	8.2	0.33	520	4.31	0.01
ZZ76420		0.86	87.3	2.55	3.32	0.06	0.05	0.60	0.033	0.09	12.1	12.3	0.51	470	7.61	0.01
ZZ76421		0.60	42.6	1.57	1.96	0.05	0.04	0.23	0.021	0.04	5.6	5.6	0.28	1000	3.49	0.01
ZZ76422		3.84	44.6	3.15	3.13	0.05	0.07	0.50	0.038	0.12	8.8	9.9	0.61	656	3.33	0.01
ZZ76423		1.23	34.2	2.49	2.89	0.05	0.04	0.67	0.032	0.10	8.9	9.2	0.75	344	2.72	0.01
ZZ76424		0.64	23.6	2.26	2.31	<0.05	0.04	0.65	0.027	0.07	9.1	9.0	1.74	308	2.00	0.01
ZZ76425		0.73	26.6	2.20	2.47	<0.05	0.04	0.52	0.030	0.08	7.9	9.2	1.20	237	2.50	0.01
ZZ76426		0.69	29.6	2.62	3.26	<0.05	0.03	1.86	0.030	0.06	10.7	10.1	0.62	598	1.87	0.01
ZZ76427		0.73	24.2	2.33	3.49	<0.05	0.04	1.05	0.028	0.06	9.5	10.5	0.39	528	1.39	0.01
ZZ76428		0.84	28.3	2.54	3.45	<0.05	0.04	0.91	0.028	0.07	9.9	11.0	0.38	483	1.80	0.01
ZZ76429		2.39	39.2	2.34	2.60	<0.05	0.07	0.59	0.035	0.12	6.9	8.1	0.36	363	2.94	0.01
ZZ76430		6.83	55.1	2.21	2.27	0.05	0.05	0.57	0.042	0.13	7.0	6.1	0.19	154	2.87	0.01
ZZ76431		8.61	59.4	2.67	1.19	<0.05	<0.02	0.33	0.038	0.13	4.3	1.3	0.05	234	5.58	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76392		0.25	121.5	940	13.4	6.6	0.006	0.10	7.54	2.5	3.7	0.4	70.6	<0.01	0.08	0.8
ZZ76393		0.27	98.0	890	12.4	7.0	0.009	0.12	5.51	2.4	4.0	0.4	75.5	<0.01	0.06	0.7
ZZ76394		0.32	76.4	900	14.5	8.6	0.009	0.11	4.84	2.6	4.1	0.4	67.9	<0.01	0.06	0.6
ZZ76395		0.23	233	1520	13.6	9.4	0.031	0.14	11.40	3.2	8.4	0.6	70.8	<0.01	0.15	0.9
ZZ76396		0.40	44.3	810	27.7	11.3	0.004	0.04	1.72	4.9	3.1	0.5	31.4	<0.01	0.06	3.9
ZZ76397		0.24	28.6	540	28.0	12.0	0.003	0.04	1.48	3.8	1.8	0.5	18.0	<0.01	0.07	2.4
ZZ76398		0.31	41.0	530	48.8	8.9	0.001	0.06	2.10	4.1	2.9	0.5	21.6	<0.01	0.07	2.0
ZZ76399		0.43	33.7	970	19.4	7.5	0.002	0.08	1.19	3.3	1.6	0.4	35.0	<0.01	0.03	1.1
ZZ76400		0.24	36.4	770	17.2	7.2	0.001	0.09	1.08	2.8	1.4	0.4	34.2	<0.01	0.04	0.8
ZZ76401		0.25	40.6	770	19.7	10.8	0.001	0.08	0.77	4.2	1.3	0.5	23.1	<0.01	0.04	1.4
ZZ76402		0.33	46.4	940	31.8	9.1	0.001	0.09	1.23	3.8	1.8	0.5	26.6	<0.01	0.05	1.3
ZZ76403		0.28	30.6	950	18.7	7.9	0.001	0.12	0.87	2.1	1.5	0.4	32.3	<0.01	0.04	0.6
ZZ76404		0.48	25.9	970	32.4	6.3	0.001	0.09	1.19	2.6	1.2	0.4	17.3	<0.01	0.04	0.5
ZZ76405		0.73	28.0	560	21.8	7.8	<0.001	0.04	0.76	2.9	1.0	0.6	17.7	<0.01	0.04	1.3
ZZ76406		0.54	37.0	820	30.5	10.7	<0.001	0.07	1.05	3.3	1.4	0.6	19.3	<0.01	0.06	1.1
ZZ76407		0.38	32.4	830	23.5	8.3	<0.001	0.11	1.13	2.0	1.5	0.4	28.1	<0.01	0.04	0.5
ZZ76408		0.56	21.4	900	24.0	9.5	<0.001	0.10	0.74	2.6	0.9	0.4	24.1	<0.01	0.04	0.8
ZZ76409		0.41	42.2	860	35.1	10.1	<0.001	0.09	1.36	3.5	1.7	0.5	29.1	<0.01	0.06	1.1
ZZ76410		0.20	27.8	960	15.1	12.8	0.001	0.06	0.42	2.9	1.0	0.6	10.9	<0.01	0.08	1.3
ZZ76411		0.63	20.6	650	23.0	22.1	<0.001	0.05	0.42	2.3	0.3	1.0	6.2	<0.01	0.04	1.4
ZZ76412		0.45	25.8	830	18.4	16.6	<0.001	0.06	0.37	4.4	0.9	0.7	30.9	<0.01	0.03	2.2
ZZ76413		0.25	25.0	470	15.1	10.5	<0.001	0.07	0.34	4.6	0.6	0.5	40.4	<0.01	0.03	2.4
ZZ76414		0.18	15.3	1030	7.4	6.9	<0.001	0.20	0.59	1.1	1.0	0.3	118.0	<0.01	0.02	0.5
ZZ76415		0.29	29.6	740	13.5	8.6	0.002	0.09	1.86	3.0	2.1	0.4	67.7	<0.01	0.05	0.9
ZZ76416		0.28	32.3	850	18.4	11.5	0.002	0.07	1.28	4.7	2.4	0.5	56.9	<0.01	0.04	2.0
ZZ76417		0.25	27.3	1080	12.9	10.2	0.008	0.15	1.52	3.0	6.2	0.4	83.1	<0.01	0.04	1.2
ZZ76418		0.22	95.6	1140	14.5	7.8	0.005	0.09	5.40	3.5	3.9	0.5	80.0	<0.01	0.09	1.4
ZZ76419		0.27	105.5	1060	11.7	5.1	0.004	0.14	2.65	1.4	3.0	0.3	111.5	<0.01	0.05	0.3
ZZ76420		0.31	130.0	850	15.8	8.3	0.002	0.11	2.45	3.9	3.3	0.4	85.0	<0.01	0.05	0.7
ZZ76421		0.25	240	980	9.1	6.9	0.002	0.18	1.77	1.3	4.2	0.2	121.5	<0.01	0.04	0.2
ZZ76422		0.23	43.8	850	35.7	14.3	0.002	0.07	1.88	4.7	2.8	0.5	30.0	<0.01	0.06	3.8
ZZ76423		0.30	34.9	870	42.5	8.3	0.002	0.09	1.89	3.0	3.6	0.4	30.9	<0.01	0.06	1.3
ZZ76424		0.29	29.1	930	26.3	5.8	0.001	0.05	1.46	2.9	1.9	0.3	59.3	<0.01	0.04	2.1
ZZ76425		0.25	32.4	830	24.8	6.8	0.001	0.05	1.90	3.2	1.7	0.4	55.1	<0.01	0.05	1.7
ZZ76426		0.39	33.8	980	56.5	6.7	0.001	0.09	1.91	2.2	2.1	0.4	25.7	<0.01	0.04	0.6
ZZ76427		0.55	27.8	870	38.0	7.4	0.001	0.11	1.48	2.1	1.8	0.4	24.9	<0.01	0.04	0.7
ZZ76428		0.42	33.4	840	39.4	6.3	0.001	0.10	1.53	2.6	2.7	0.4	26.4	<0.01	0.04	0.8
ZZ76429		0.23	33.3	860	40.4	11.9	0.005	0.11	1.97	3.7	3.2	0.4	36.2	<0.01	0.07	2.5
ZZ76430		0.17	41.4	770	25.7	17.1	0.007	0.07	2.01	4.4	3.7	0.5	25.7	<0.01	0.09	3.2
ZZ76431		0.11	46.5	840	16.1	15.4	0.003	0.05	2.21	3.3	3.5	0.4	19.3	<0.01	0.09	2.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 9-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76392		0.006	0.43	6.52	370	0.11	22.9	723	1.9
ZZ76393		0.006	0.37	7.37	288	0.07	19.65	538	2.1
ZZ76394		0.007	0.38	9.17	235	0.20	17.95	345	1.7
ZZ76395		0.005	0.78	8.36	671	0.17	36.6	1260	2.4
ZZ76396		0.009	0.47	1.69	51	0.11	13.20	240	2.4
ZZ76397		<0.005	0.44	1.36	48	0.07	10.75	191	1.6
ZZ76398		<0.005	0.39	1.56	65	0.11	13.55	265	2.1
ZZ76399		0.006	0.16	2.77	57	0.08	15.65	163	1.4
ZZ76400		<0.005	0.17	1.93	46	0.06	13.40	150	1.4
ZZ76401		<0.005	0.20	1.97	36	0.07	14.65	157	1.7
ZZ76402		0.005	0.27	1.38	43	0.12	15.40	260	1.8
ZZ76403		<0.005	0.20	2.56	31	0.11	10.65	185	1.5
ZZ76404		0.008	0.20	3.16	48	0.15	12.90	164	1.0
ZZ76405		0.012	0.15	1.07	54	0.20	6.04	136	1.0
ZZ76406		0.010	0.31	2.87	68	0.28	11.75	170	1.1
ZZ76407		0.006	0.34	3.25	45	0.17	12.85	166	1.4
ZZ76408		0.012	0.21	1.71	49	0.18	7.54	165	1.3
ZZ76409		0.006	0.60	2.35	61	0.27	15.00	243	1.7
ZZ76410		<0.005	0.16	0.97	46	0.06	10.80	105	0.6
ZZ76411		0.015	0.17	0.87	31	0.37	3.33	71	<0.5
ZZ76412		0.009	0.11	0.85	26	0.11	11.60	110	1.4
ZZ76413		<0.005	0.16	0.53	21	0.05	6.87	86	2.6
ZZ76414		<0.005	0.12	0.97	14	<0.05	5.97	54	2.4
ZZ76415		<0.005	0.18	1.39	36	0.06	9.94	136	2.8
ZZ76416		0.005	0.22	1.31	32	0.05	11.70	169	2.8
ZZ76417		<0.005	0.22	2.81	38	0.05	9.58	163	3.0
ZZ76418		<0.005	0.33	3.60	297	0.11	22.8	595	2.2
ZZ76419		0.007	0.20	14.20	62	0.10	8.76	592	1.5
ZZ76420		0.005	0.48	7.21	72	0.11	23.3	696	2.1
ZZ76421		0.006	0.22	15.00	43	0.06	8.33	2350	1.3
ZZ76422		<0.005	0.61	2.56	54	0.10	16.80	316	2.4
ZZ76423		0.007	0.32	1.51	57	0.17	13.45	262	1.5
ZZ76424		0.010	0.20	1.51	50	0.17	12.10	201	1.4
ZZ76425		0.007	0.27	1.59	56	0.14	11.65	184	1.4
ZZ76426		0.010	0.34	2.03	58	0.48	14.60	334	1.1
ZZ76427		0.013	0.25	2.30	48	0.21	10.40	266	1.4
ZZ76428		0.011	0.23	1.57	57	0.20	13.65	237	1.2
ZZ76429		<0.005	0.46	1.51	53	0.12	11.60	268	2.6
ZZ76430		<0.005	0.64	1.88	45	0.10	16.35	284	1.7
ZZ76431		<0.005	0.80	1.54	33	0.05	9.89	220	<0.5

***** See Appendix Page for comments regarding this certificate *****

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Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
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Finalized Date: 9- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76432		0.27	0.007	1.17	0.47	35.4	<0.2	<10	250	0.40	0.28	0.07	0.30	9.28	3.5	7
ZZ76433		0.11	0.005	1.13	0.51	17.3	<0.2	<10	200	0.41	0.22	0.10	0.72	10.35	4.6	7
ZZ76434		0.22	0.002	0.53	1.24	29.3	<0.2	<10	610	0.83	0.26	1.38	0.95	14.95	8.9	20
ZZ76435		0.10	0.003	0.40	1.15	22.7	<0.2	<10	1040	0.74	0.18	2.23	1.53	13.40	7.1	19
ZZ76436		0.07	<0.001	0.23	0.76	28.5	<0.2	10	360	0.57	0.12	3.21	1.35	11.45	9.5	13
ZZ76437		0.10	0.002	0.24	0.91	18.1	<0.2	10	310	0.66	0.15	2.79	1.28	14.75	8.6	17
ZZ76438		0.10	<0.001	0.33	1.04	20.9	<0.2	<10	300	0.73	0.17	2.54	1.49	17.35	10.4	20
ZZ76439		0.09	0.001	0.27	0.98	19.3	<0.2	<10	230	0.59	0.18	2.46	0.92	13.65	10.6	17
ZZ76440		0.13	0.001	0.74	1.05	23.7	<0.2	<10	240	0.74	0.17	2.10	1.55	21.3	15.9	19
ZZ76441		0.06	<0.001	0.87	0.48	4.4	<0.2	<10	160	0.36	0.08	1.77	1.41	12.95	3.4	7
ZZ76442		0.17	0.003	0.94	1.12	15.8	<0.2	<10	150	0.69	0.18	1.38	1.06	30.8	15.8	17
ZZ76443		0.23	0.003	0.49	1.40	21.2	<0.2	<10	160	0.89	0.21	0.95	0.59	38.0	21.8	19
ZZ76444		0.09	<0.001	0.28	1.28	12.3	<0.2	<10	170	0.55	0.13	1.51	0.65	26.6	19.3	16
ZZ76445		0.06	<0.001	0.48	0.79	5.3	<0.2	<10	130	0.37	0.07	1.29	1.12	11.30	9.3	11
ZZ76446		0.17	0.002	0.72	1.48	24.1	<0.2	<10	230	0.57	0.26	0.86	2.18	19.85	16.9	24
ZZ76447		0.13	0.003	0.91	1.43	27.8	<0.2	<10	370	0.95	0.24	1.08	2.96	23.3	13.9	24
ZZ76448		0.32	0.003	0.49	1.62	36.0	<0.2	<10	280	1.06	0.28	0.90	1.64	29.2	14.7	29
ZZ76449		0.19	0.002	0.28	1.15	43.4	<0.2	<10	330	0.84	0.22	1.64	1.21	19.35	10.0	20
ZZ76450		0.17	0.003	0.47	1.22	55.3	<0.2	<10	430	0.91	0.22	1.63	4.42	18.50	10.1	24
ZZ76451		0.10	0.002	0.28	1.25	29.2	<0.2	<10	540	0.77	0.23	1.39	1.15	19.30	11.8	22
ZZ76452		0.14	0.003	0.91	1.17	23.1	<0.2	<10	790	0.63	0.24	0.74	0.85	12.35	8.1	20
ZZ76453		0.27	0.003	0.60	1.14	21.1	<0.2	<10	610	0.91	0.25	1.60	1.41	13.25	9.5	20
ZZ76454		0.17	0.003	0.45	1.32	67.7	<0.2	<10	740	0.91	0.29	0.90	1.26	20.5	13.1	24
ZZ76455		0.07	<0.001	0.76	0.56	3.4	<0.2	<10	720	0.68	0.07	4.14	0.63	6.91	2.4	5
ZZ76456		0.07	<0.001	0.30	0.57	6.2	<0.2	10	640	0.50	0.10	4.04	1.07	5.13	4.4	8
ZZ76457		0.08	0.003	0.57	1.01	19.5	<0.2	10	850	0.74	0.21	2.19	1.44	10.60	8.7	17
ZZ76458		0.17	0.006	1.31	0.82	27.8	<0.2	<10	1170	0.61	0.21	1.05	2.03	10.70	6.1	16
ZZ76459		0.24	0.003	0.47	1.15	67.4	<0.2	<10	400	0.82	0.21	1.42	3.36	17.95	9.0	23
ZZ76460		0.20	0.003	0.29	1.08	37.8	<0.2	<10	370	0.82	0.20	2.58	1.08	16.85	9.0	18
ZZ76461		0.16	0.003	0.32	1.33	43.4	<0.2	<10	270	0.91	0.25	0.79	1.10	25.4	12.1	24
ZZ76462		0.26	0.001	0.24	1.00	59.8	<0.2	<10	190	0.95	0.25	2.46	1.49	19.45	15.3	17
ZZ76463		0.15	0.002	0.67	1.25	16.9	<0.2	<10	240	0.67	0.19	1.30	1.54	23.5	11.5	18
ZZ76464		0.20	<0.001	0.64	1.42	14.9	<0.2	<10	190	0.44	0.20	0.64	0.54	17.95	6.9	22
ZZ76465		0.14	0.001	0.63	1.22	14.9	<0.2	<10	200	0.56	0.21	0.67	0.38	25.9	21.1	20
ZZ76466		0.07	0.001	0.22	1.23	19.8	<0.2	<10	210	0.87	0.24	1.42	0.69	23.0	14.3	19
ZZ76467		0.23	0.002	0.37	1.21	23.2	<0.2	10	250	0.94	0.25	1.80	0.98	16.25	11.9	20
ZZ76468		0.15	<0.001	0.14	0.87	9.6	<0.2	10	260	0.76	0.15	3.48	0.22	10.60	7.0	13
ZZ76469		0.13	0.001	0.25	1.19	23.0	<0.2	10	300	0.98	0.26	1.58	0.96	15.35	13.0	20
ZZ76470		0.18	0.002	0.30	1.31	25.3	<0.2	<10	260	0.99	0.31	1.27	0.65	20.7	13.1	20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ76432		15.50	46.7	2.19	1.59	<0.05	<0.02	0.48	0.037	0.13	3.8	2.0	0.05	80	3.70	0.01
ZZ76433		9.60	45.0	1.51	1.75	<0.05	0.02	0.37	0.033	0.11	4.1	2.5	0.06	63	3.56	0.01
ZZ76434		1.02	33.7	2.53	3.94	<0.05	0.06	0.22	0.033	0.09	7.9	13.0	0.33	462	3.53	0.01
ZZ76435		0.81	48.7	2.32	3.15	<0.05	0.04	0.30	0.025	0.06	7.3	9.0	0.35	672	3.79	0.01
ZZ76436		0.49	33.4	2.32	2.14	<0.05	0.04	0.18	0.020	0.06	5.8	8.5	0.34	4840	2.00	0.02
ZZ76437		0.50	33.2	2.40	2.53	<0.05	0.04	0.21	0.025	0.07	7.4	10.4	0.35	883	1.55	0.01
ZZ76438		0.61	33.0	2.69	2.93	<0.05	0.04	0.19	0.031	0.07	8.6	10.7	0.35	785	2.01	0.01
ZZ76439		0.71	28.3	2.59	2.93	<0.05	0.04	0.12	0.029	0.06	6.1	11.3	0.41	471	2.36	0.01
ZZ76440		0.72	41.3	3.43	3.21	0.05	0.06	0.16	0.032	0.08	9.7	11.6	0.47	1140	8.80	0.01
ZZ76441		0.39	32.4	1.57	1.07	<0.05	0.05	0.15	0.018	0.03	6.5	2.3	0.20	81	2.17	0.01
ZZ76442		0.98	54.1	3.52	3.60	0.07	0.08	0.14	0.042	0.15	13.6	17.9	0.52	482	3.53	0.01
ZZ76443		1.65	67.6	4.58	4.54	0.09	0.06	0.20	0.046	0.17	17.7	23.1	0.55	410	2.21	0.01
ZZ76444		0.69	30.5	3.84	4.07	0.06	0.06	0.11	0.035	0.12	11.8	18.6	0.56	1080	1.47	0.01
ZZ76445		0.73	32.0	1.34	2.70	<0.05	0.04	0.11	0.017	0.06	5.6	6.7	0.32	283	2.71	0.02
ZZ76446		1.17	31.2	3.29	4.84	<0.05	0.05	0.16	0.031	0.08	9.2	20.6	0.45	1360	7.83	0.01
ZZ76447		1.05	50.7	3.37	4.36	0.05	0.06	0.27	0.032	0.09	11.6	18.5	0.45	1160	5.12	0.01
ZZ76448		1.05	61.2	3.82	5.04	0.07	0.07	0.27	0.039	0.11	13.7	26.6	0.62	320	2.87	0.01
ZZ76449		0.85	32.5	3.19	3.36	0.05	0.05	0.26	0.029	0.08	10.1	15.1	0.59	677	4.78	0.01
ZZ76450		1.28	55.0	2.42	3.44	0.05	0.05	0.32	0.029	0.10	9.8	17.8	0.43	729	3.78	0.01
ZZ76451		0.77	36.1	3.06	3.68	0.05	0.04	0.19	0.029	0.08	8.5	19.2	0.50	465	3.49	0.01
ZZ76452		1.53	29.8	2.33	3.90	<0.05	0.06	0.27	0.026	0.09	5.8	14.5	0.34	354	10.80	0.01
ZZ76453		1.56	35.9	2.47	3.46	0.05	0.06	0.22	0.030	0.10	6.9	16.1	0.36	381	4.22	0.01
ZZ76454		2.18	41.7	3.46	4.27	0.05	0.06	0.25	0.035	0.10	9.1	18.1	0.38	720	4.32	0.01
ZZ76455		0.98	22.5	0.68	1.06	<0.05	0.05	0.14	0.009	0.03	3.6	1.9	0.23	44	1.20	0.02
ZZ76456		1.02	24.5	0.91	1.58	<0.05	0.04	0.11	0.013	0.05	2.6	5.0	0.24	291	1.82	0.02
ZZ76457		1.56	32.9	2.13	3.02	<0.05	0.08	0.18	0.026	0.09	5.2	12.2	0.35	442	4.03	0.02
ZZ76458		1.76	36.9	2.07	2.66	<0.05	0.06	0.40	0.024	0.10	5.2	7.6	0.22	575	16.55	0.01
ZZ76459		1.30	44.7	2.72	3.48	0.05	0.05	0.24	0.029	0.11	9.4	16.3	0.47	296	6.31	0.01
ZZ76460		0.86	33.2	2.68	2.99	0.05	0.04	0.27	0.025	0.08	9.6	12.8	0.50	476	3.69	0.01
ZZ76461		1.01	45.9	3.43	3.89	0.06	0.05	0.30	0.031	0.09	13.3	19.4	0.49	475	5.94	0.01
ZZ76462		1.15	33.2	2.43	3.03	0.05	0.07	0.29	0.030	0.11	8.9	16.3	1.45	231	3.22	0.01
ZZ76463		0.75	49.9	3.34	4.12	0.06	0.05	0.12	0.035	0.11	11.2	16.8	0.41	441	4.18	0.01
ZZ76464		0.95	24.4	2.53	5.41	<0.05	0.02	0.11	0.026	0.10	8.5	15.1	0.37	209	4.35	0.01
ZZ76465		0.85	38.3	3.38	3.77	0.05	0.02	0.22	0.033	0.09	11.8	15.2	0.41	1070	2.17	0.01
ZZ76466		0.72	38.1	3.10	4.14	0.05	0.07	0.19	0.035	0.13	9.5	17.7	0.47	669	1.62	0.01
ZZ76467		1.14	42.3	3.01	3.60	<0.05	0.08	0.31	0.034	0.14	7.5	18.0	0.50	497	2.23	0.01
ZZ76468		1.15	39.1	1.65	2.31	<0.05	0.04	0.48	0.018	0.07	5.8	9.5	0.40	419	0.40	0.01
ZZ76469		1.07	40.6	3.03	3.83	0.05	0.06	0.28	0.032	0.13	7.0	19.3	0.48	581	2.25	0.01
ZZ76470		0.80	44.3	3.24	4.05	0.05	0.06	0.26	0.036	0.12	9.9	17.4	0.44	711	2.17	0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76432		0.13	13.8	750	20.5	19.7	0.002	0.05	2.02	2.4	3.7	0.4	13.1	<0.01	0.09	2.3
ZZ76433		0.12	23.0	780	15.1	15.6	0.001	0.06	1.70	3.1	2.7	0.4	12.4	<0.01	0.07	1.8
ZZ76434		0.39	29.4	930	17.2	9.7	0.003	0.08	2.46	3.4	2.8	0.5	36.8	<0.01	0.06	1.3
ZZ76435		0.43	39.7	1690	16.3	7.6	0.008	0.21	3.35	1.8	6.1	0.3	63.0	<0.01	0.05	0.4
ZZ76436		0.23	25.7	1000	10.9	6.6	0.009	0.25	1.13	1.8	2.3	0.3	83.3	<0.01	0.02	0.4
ZZ76437		0.31	26.4	930	12.6	7.0	0.004	0.15	1.11	2.8	1.4	0.3	70.3	<0.01	0.04	0.7
ZZ76438		0.36	27.9	1080	15.2	7.9	0.003	0.13	1.26	3.3	1.5	0.3	72.8	<0.01	0.04	0.9
ZZ76439		0.33	22.0	900	14.0	7.7	0.001	0.12	1.65	3.2	1.1	0.4	73.0	<0.01	0.06	0.9
ZZ76440		0.30	22.7	1970	14.0	8.2	0.003	0.12	4.17	3.8	2.3	0.4	73.1	<0.01	0.06	1.2
ZZ76441		0.16	9.7	1390	5.4	2.0	0.001	0.27	2.56	2.5	2.3	0.2	71.8	<0.01	0.03	0.6
ZZ76442		0.33	26.5	1910	17.1	9.2	0.002	0.08	3.68	7.8	2.6	0.5	64.8	<0.01	0.06	2.8
ZZ76443		0.33	41.1	1160	22.8	11.2	0.001	0.07	1.51	11.2	1.6	0.5	38.5	<0.01	0.05	3.5
ZZ76444		0.30	21.6	1510	13.1	8.6	0.002	0.11	0.77	5.7	1.0	0.4	69.0	<0.01	0.04	2.1
ZZ76445		0.22	13.3	1430	4.6	4.6	0.001	0.19	1.75	3.3	1.4	0.3	51.7	<0.01	0.03	0.7
ZZ76446		0.38	21.8	1500	18.7	13.3	0.002	0.08	2.68	4.2	1.6	0.5	39.9	<0.01	0.07	1.7
ZZ76447		0.39	29.8	1350	19.1	11.3	0.003	0.10	3.15	5.4	2.0	0.5	42.5	<0.01	0.07	1.7
ZZ76448		0.45	38.2	1160	25.2	10.9	0.002	0.06	2.02	7.2	1.8	0.5	36.3	<0.01	0.08	3.5
ZZ76449		0.37	31.7	780	24.0	8.2	0.002	0.09	1.85	3.8	1.5	0.4	29.5	<0.01	0.04	1.1
ZZ76450		0.33	59.2	1000	19.6	10.4	0.006	0.10	3.27	3.4	2.7	0.4	50.9	<0.01	0.06	0.8
ZZ76451		0.35	33.8	890	18.4	7.6	0.001	0.08	1.95	4.0	2.1	0.4	41.0	<0.01	0.06	1.1
ZZ76452		0.30	28.0	750	23.8	11.3	0.008	0.07	6.20	3.6	4.4	0.5	31.7	<0.01	0.08	1.5
ZZ76453		0.39	32.7	710	17.0	10.2	0.003	0.08	3.57	4.1	2.6	0.5	43.5	<0.01	0.06	1.4
ZZ76454		0.40	36.4	660	27.1	11.4	0.001	0.06	2.91	4.7	1.7	0.5	34.0	<0.01	0.07	2.7
ZZ76455		0.18	14.5	980	3.6	3.2	0.001	0.22	1.79	1.4	2.2	0.2	85.0	<0.01	0.02	0.4
ZZ76456		0.24	14.8	1010	6.0	4.8	0.001	0.24	2.41	0.9	3.2	0.3	82.3	<0.01	0.03	0.3
ZZ76457		0.34	28.1	810	16.7	10.2	0.005	0.14	3.92	3.5	3.5	0.4	56.7	<0.01	0.06	1.3
ZZ76458		0.21	28.9	760	31.9	10.7	0.014	0.09	9.34	3.0	5.4	0.5	44.8	<0.01	0.11	1.3
ZZ76459		0.29	51.9	930	16.7	9.6	0.008	0.08	4.07	4.1	3.4	0.4	50.1	<0.01	0.07	1.3
ZZ76460		0.29	28.1	940	18.8	7.3	0.002	0.13	1.85	2.2	1.8	0.3	47.0	<0.01	0.05	0.5
ZZ76461		0.37	41.9	790	22.3	8.1	0.001	0.05	2.02	5.5	1.4	0.5	24.9	<0.01	0.06	1.8
ZZ76462		0.22	39.9	730	31.9	8.9	0.002	0.14	1.52	4.5	1.2	0.4	32.5	<0.01	0.05	2.8
ZZ76463		0.32	25.2	1780	14.6	10.0	0.002	0.10	2.73	4.8	1.7	0.5	52.0	<0.01	0.05	1.5
ZZ76464		0.35	14.1	1250	11.6	10.2	0.001	0.07	1.76	3.5	0.8	0.6	32.2	<0.01	0.07	1.6
ZZ76465		0.34	19.6	1700	14.3	8.3	0.001	0.13	1.05	6.2	1.4	0.4	30.9	<0.01	0.05	1.8
ZZ76466		0.36	25.6	820	17.9	10.2	0.002	0.09	0.98	5.3	1.0	0.5	46.3	<0.01	0.04	1.9
ZZ76467		0.35	28.5	720	16.6	10.5	0.002	0.09	1.59	5.3	1.5	0.5	62.2	<0.01	0.05	1.8
ZZ76468		0.28	16.9	840	9.5	6.9	<0.001	0.15	0.51	2.2	0.7	0.3	103.5	<0.01	0.02	0.5
ZZ76469		0.36	29.2	630	16.3	10.4	0.002	0.09	1.54	4.7	1.9	0.5	74.1	<0.01	0.04	1.5
ZZ76470		0.34	28.8	690	20.4	9.9	0.002	0.08	1.24	5.1	1.4	0.5	41.1	<0.01	0.06	1.6

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Finalized Date: 9- JUL- 2013
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CERTIFICATE OF ANALYSIS WH13118110

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ76432		<0.005	0.68	1.62	35	0.06	7.21	74	<0.5
ZZ76433		<0.005	0.50	1.50	34	<0.05	8.07	109	<0.5
ZZ76434		0.006	0.29	3.79	74	0.12	10.80	140	1.8
ZZ76435		0.009	0.21	3.84	53	0.09	9.91	138	1.5
ZZ76436		0.006	0.19	3.37	35	0.05	7.09	107	1.1
ZZ76437		0.006	0.15	1.96	42	0.05	7.86	152	1.4
ZZ76438		0.006	0.19	1.62	49	0.07	8.95	148	1.3
ZZ76439		0.005	0.16	1.39	50	0.05	5.69	131	1.3
ZZ76440		0.005	0.20	2.33	62	0.08	10.40	191	1.7
ZZ76441		<0.005	0.07	2.69	17	<0.05	7.55	73	1.8
ZZ76442		0.005	0.22	1.42	64	0.05	10.65	248	2.3
ZZ76443		0.005	0.24	1.01	60	<0.05	14.50	149	2.0
ZZ76444		<0.005	0.11	0.69	59	<0.05	8.28	95	1.7
ZZ76445		<0.005	0.14	1.24	41	<0.05	4.56	81	1.0
ZZ76446		0.005	0.22	1.77	86	0.13	7.38	234	1.4
ZZ76447		0.005	0.25	2.49	80	0.08	13.85	253	1.7
ZZ76448		0.008	0.26	2.38	80	0.11	13.90	231	2.1
ZZ76449		0.009	0.30	2.37	65	0.13	11.45	222	1.3
ZZ76450		0.007	0.50	3.03	132	0.10	15.90	344	1.5
ZZ76451		0.008	0.21	2.15	66	0.09	9.90	169	1.3
ZZ76452		<0.005	0.49	1.88	150	0.11	7.14	155	1.9
ZZ76453		0.006	0.40	3.22	82	0.12	11.80	165	1.8
ZZ76454		0.009	0.48	1.71	86	0.15	11.05	198	1.8
ZZ76455		0.006	0.13	0.73	16	<0.05	11.00	22	1.7
ZZ76456		0.006	0.16	0.78	30	0.06	5.57	49	1.3
ZZ76457		0.005	0.41	2.10	89	0.09	8.71	167	2.4
ZZ76458		<0.005	0.76	1.74	181	0.10	9.56	176	1.9
ZZ76459		0.006	0.42	3.08	149	0.09	14.30	354	1.5
ZZ76460		0.006	0.27	3.65	67	0.08	13.10	147	1.1
ZZ76461		0.011	0.28	1.60	86	0.17	15.40	205	1.4
ZZ76462		0.005	0.69	2.10	50	0.06	11.10	323	1.9
ZZ76463		0.005	0.16	2.21	71	0.05	9.52	192	1.4
ZZ76464		0.005	0.21	1.12	84	0.08	4.33	107	0.7
ZZ76465		0.006	0.17	1.56	56	0.06	8.68	82	0.8
ZZ76466		0.005	0.19	0.93	38	0.07	9.64	121	2.2
ZZ76467		0.006	0.27	1.07	37	0.06	10.50	163	2.7
ZZ76468		<0.005	0.16	1.43	16	0.05	10.80	52	1.4
ZZ76469		0.006	0.24	1.36	33	0.07	9.58	150	2.1
ZZ76470		0.005	0.22	1.22	39	0.05	10.70	123	1.9

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CERTIFICATE OF ANALYSIS WH13118110

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

CERTIFICATE WH13117179

Project: Nadaleen

P.O. No.: SO13-03

This report is for 239 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76841		0.25	0.003	0.82	0.93	45.9	<0.2	<10	270	0.50	0.25	0.07	4.18	17.45	6.8	25
ZZ76842		0.21	0.006	0.35	1.15	33.3	<0.2	<10	520	0.45	0.28	0.54	2.12	15.40	5.2	30
ZZ76843		0.23	0.003	0.55	1.38	19.3	<0.2	<10	380	0.84	0.22	0.56	1.99	22.6	4.4	52
ZZ76844		0.24	0.004	0.56	1.11	23.5	<0.2	<10	160	0.88	0.19	0.12	2.97	20.1	6.8	28
ZZ76845		0.16	0.001	0.05	1.83	16.5	<0.2	<10	290	1.10	0.24	0.28	0.14	28.8	8.1	23
ZZ76846		0.33	0.002	0.46	1.06	13.3	<0.2	<10	270	1.16	0.19	1.94	2.10	32.4	12.9	15
ZZ76847		0.24	0.005	0.86	1.32	13.5	<0.2	<10	480	1.12	0.23	0.47	1.54	22.3	8.3	19
ZZ76848		0.27	0.002	0.08	1.59	23.1	<0.2	<10	240	0.97	0.27	0.22	0.45	26.8	16.4	26
ZZ76849		0.24	0.002	0.13	1.87	30.5	<0.2	<10	290	1.42	0.24	0.55	0.19	31.2	9.7	24
ZZ76850		0.37	0.003	0.08	1.94	87.8	<0.2	<10	310	1.37	0.31	0.43	0.30	34.5	18.6	29
ZZ76851		0.34	0.001	0.06	1.19	19.1	<0.2	<10	90	0.48	0.29	0.08	0.14	14.95	8.9	21
ZZ76852		0.27	0.006	0.33	0.46	28.5	<0.2	<10	500	0.67	0.22	0.03	1.11	11.50	8.9	9
ZZ76853		0.30	0.006	0.55	0.51	15.6	<0.2	<10	490	0.56	0.22	0.24	0.62	10.30	6.6	8
ZZ76854		0.31	0.006	0.55	0.43	12.4	<0.2	<10	270	0.67	0.23	0.10	0.63	9.42	9.7	7
ZZ76855		0.35	0.009	0.59	0.58	11.4	<0.2	<10	350	0.57	0.23	0.07	0.61	11.85	6.7	9
ZZ76856		0.37	0.010	0.82	0.61	41.1	<0.2	<10	520	0.84	0.26	0.05	1.06	12.70	12.1	11
ZZ76857		0.28	0.005	0.67	0.72	30.6	<0.2	<10	600	0.53	0.28	0.04	1.35	10.15	8.6	16
ZZ76858		0.31	0.005	0.85	0.91	69.2	<0.2	<10	470	0.56	0.25	0.02	0.68	12.05	17.5	20
ZZ76859		0.36	0.008	1.15	1.27	107.0	<0.2	<10	920	0.95	0.25	0.08	1.40	18.40	11.2	30
ZZ76860		0.13	0.006	1.81	0.40	22.2	<0.2	<10	2360	0.16	0.09	0.80	0.95	4.10	1.5	34
ZZ76861		0.26	0.008	4.94	0.92	28.0	<0.2	<10	2530	0.71	0.16	2.00	5.31	10.90	5.2	69
ZZ76862		0.06	0.003	1.49	0.24	3.3	<0.2	<10	870	0.21	0.05	4.28	2.39	2.06	1.7	16
ZZ76863		0.05	0.005	3.41	0.68	18.9	<0.2	<10	2190	0.58	0.12	2.79	3.57	7.58	4.1	46
ZZ76864		0.09	0.010	0.63	0.27	19.6	<0.2	<10	490	0.12	0.13	1.14	0.47	3.66	0.7	9
ZZ76865		0.16	0.007	1.04	0.79	28.9	<0.2	<10	1090	0.35	0.17	2.05	1.64	11.20	5.3	24
ZZ76866		0.11	0.005	0.35	0.86	31.4	<0.2	<10	410	0.60	0.16	3.44	0.99	14.75	6.4	17
ZZ76867		0.09	0.006	0.57	0.76	42.3	<0.2	20	370	1.03	0.18	3.69	1.45	15.55	10.1	17
ZZ76868		0.15	0.024	0.64	1.07	105.5	<0.2	10	410	1.09	0.25	1.75	0.93	21.3	11.0	19
ZZ76869		0.18	0.021	0.75	1.38	115.0	<0.2	<10	610	1.34	0.30	1.94	1.25	24.1	13.8	24
ZZ76870		0.10	0.007	0.39	1.24	47.9	<0.2	<10	520	0.99	0.24	2.66	1.58	17.80	11.0	19
ZZ76871		0.09	0.005	0.38	1.25	66.8	<0.2	<10	310	1.04	0.25	1.64	1.13	19.60	13.1	22
ZZ76872		0.16	0.005	0.40	1.17	42.8	<0.2	<10	520	0.95	0.24	2.53	1.14	18.40	11.0	20
ZZ76873		0.10	0.002	0.24	0.97	23.7	<0.2	<10	520	0.67	0.18	2.68	1.07	11.95	8.0	16
ZZ76874		0.20	0.004	0.38	1.35	52.9	<0.2	<10	480	1.10	0.29	1.07	0.79	19.85	14.4	26
ZZ76875		0.15	0.005	0.34	1.23	51.3	<0.2	<10	610	0.96	0.21	1.57	0.91	14.45	11.5	23
ZZ76876		0.13	0.010	0.75	0.67	105.0	<0.2	<10	780	0.70	0.15	1.73	1.67	12.90	7.6	17
ZZ76877		0.12	0.007	0.26	1.09	42.8	<0.2	<10	360	0.74	0.14	1.92	0.65	11.20	8.9	20
ZZ76878		0.13	0.005	0.40	1.14	102.5	<0.2	<10	350	1.03	0.24	1.40	1.27	17.65	12.8	22
ZZ76879		0.15	0.005	0.40	1.16	105.5	<0.2	10	490	0.97	0.21	2.73	1.78	16.75	11.6	21
ZZ76880		0.11	0.004	0.28	1.07	88.8	<0.2	10	420	0.80	0.18	2.72	1.26	13.50	9.2	18

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ76841		3.78	48.0	2.56	4.38	0.06	<0.02	0.07	0.028	0.08	10.2	3.5	0.10	200	32.5	<0.01
ZZ76842		2.77	37.9	2.60	5.83	<0.05	<0.02	0.05	0.029	0.08	8.4	5.7	0.15	329	17.75	<0.01
ZZ76843		1.36	41.1	2.12	4.52	<0.05	<0.02	0.08	0.027	0.07	15.5	9.0	0.16	187	9.61	<0.01
ZZ76844		1.13	44.9	2.87	3.19	<0.05	0.02	0.09	0.029	0.11	10.6	9.8	0.15	217	11.95	<0.01
ZZ76845		1.42	17.3	3.81	5.15	<0.05	0.04	0.04	0.043	0.08	12.1	12.3	0.24	394	2.54	0.01
ZZ76846		1.17	31.4	3.44	3.02	0.06	0.05	0.06	0.043	0.19	14.8	9.1	0.35	392	5.75	<0.01
ZZ76847		1.39	46.5	2.81	3.84	<0.05	0.06	0.09	0.033	0.13	10.3	11.1	0.22	299	4.02	<0.01
ZZ76848		1.74	36.6	3.87	4.60	<0.05	0.07	0.06	0.039	0.09	9.6	20.5	0.50	783	1.27	<0.01
ZZ76849		1.84	25.4	3.42	4.86	0.06	0.09	0.14	0.038	0.11	13.2	18.3	0.34	591	1.28	<0.01
ZZ76850		2.24	44.6	5.15	5.20	<0.05	0.05	0.24	0.044	0.10	9.8	22.1	0.47	1940	1.03	<0.01
ZZ76851		2.94	18.4	2.87	5.03	<0.05	<0.02	0.04	0.025	0.13	6.1	7.5	0.16	432	0.99	0.01
ZZ76852		4.42	62.7	2.67	1.69	<0.05	<0.02	0.26	0.039	0.13	4.7	1.6	0.04	229	5.86	<0.01
ZZ76853		3.41	59.1	2.19	1.81	<0.05	<0.02	0.19	0.035	0.13	4.4	2.5	0.08	133	4.73	<0.01
ZZ76854		5.09	70.8	2.92	1.42	<0.05	<0.02	0.13	0.038	0.14	3.9	3.4	0.06	186	6.31	<0.01
ZZ76855		3.47	64.5	2.18	1.88	<0.05	<0.02	0.22	0.037	0.14	4.7	3.8	0.07	93	5.07	<0.01
ZZ76856		7.55	82.5	2.94	2.00	<0.05	<0.02	0.22	0.039	0.13	5.2	6.5	0.09	237	4.84	<0.01
ZZ76857		5.37	54.6	2.56	2.96	<0.05	<0.02	0.09	0.038	0.14	4.5	6.6	0.13	279	4.06	<0.01
ZZ76858		4.93	40.0	2.85	3.78	<0.05	<0.02	0.10	0.033	0.12	5.7	8.0	0.11	391	6.62	<0.01
ZZ76859		5.99	48.6	3.58	3.94	0.05	0.02	0.40	0.045	0.15	9.3	18.0	0.28	348	9.07	0.01
ZZ76860		0.78	18.1	1.05	2.08	<0.05	0.02	0.45	0.012	0.05	3.1	3.4	0.06	17	9.02	<0.01
ZZ76861		1.03	52.9	1.99	2.57	0.05	0.04	0.37	0.030	0.06	9.6	6.8	0.14	142	8.02	<0.01
ZZ76862		0.49	17.8	0.49	0.58	<0.05	0.05	0.12	0.007	0.02	1.8	0.9	0.06	39	1.40	0.01
ZZ76863		0.85	41.1	1.57	1.77	0.05	0.06	0.32	0.020	0.05	6.4	4.4	0.15	146	5.73	<0.01
ZZ76864		1.30	8.1	1.03	1.17	<0.05	0.02	0.55	0.008	0.05	1.9	1.2	0.06	15	4.91	<0.01
ZZ76865		1.09	16.9	1.99	2.37	<0.05	0.05	0.51	0.020	0.06	5.7	8.2	0.25	283	5.73	0.01
ZZ76866		0.59	19.5	1.92	2.19	<0.05	0.04	0.49	0.021	0.05	7.0	8.6	0.33	783	2.35	0.01
ZZ76867		1.07	64.4	1.99	2.88	0.10	0.05	0.82	0.033	0.06	8.0	14.9	0.53	849	5.54	0.01
ZZ76868		1.43	41.3	2.22	4.13	0.09	0.06	2.24	0.037	0.06	10.9	19.5	0.31	289	3.11	0.01
ZZ76869		1.13	35.2	2.78	5.01	0.09	0.05	1.43	0.041	0.06	12.8	18.6	0.58	580	2.24	0.01
ZZ76870		0.88	28.9	2.33	4.34	0.08	0.06	0.48	0.032	0.06	9.3	16.7	0.55	379	1.73	0.01
ZZ76871		0.79	27.1	3.00	3.93	0.08	0.06	0.79	0.034	0.07	10.4	18.7	0.46	564	2.22	0.01
ZZ76872		0.75	31.8	2.67	3.97	0.09	0.05	0.57	0.032	0.06	10.1	18.7	0.69	549	1.78	0.01
ZZ76873		0.45	21.5	2.13	3.04	0.07	0.04	0.25	0.025	0.06	6.0	14.0	0.53	424	1.34	0.01
ZZ76874		1.02	37.4	3.19	4.68	0.08	0.08	0.37	0.042	0.08	10.3	23.7	0.49	393	2.64	0.01
ZZ76875		0.89	37.8	3.04	3.86	<0.05	0.07	0.29	0.033	0.11	7.2	17.5	0.50	327	2.32	0.01
ZZ76876		1.88	36.2	2.33	2.19	0.05	0.04	0.36	0.028	0.08	6.1	9.2	0.75	250	3.73	<0.01
ZZ76877		0.77	23.1	2.31	3.05	<0.05	0.04	0.25	0.025	0.07	6.7	14.4	0.32	417	1.06	<0.01
ZZ76878		1.06	35.5	2.89	3.83	0.08	0.06	0.57	0.034	0.09	9.4	19.5	0.40	473	2.12	0.01
ZZ76879		0.64	32.4	2.64	3.71	0.08	0.06	0.59	0.030	0.08	9.7	16.9	0.60	507	1.47	0.01
ZZ76880		0.68	24.1	2.19	3.30	0.07	0.05	0.42	0.024	0.06	8.2	12.7	0.31	462	1.31	0.01

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Project: Nadaleen

Finalized Date: 10-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76841		0.22	82.6	1370	12.8	10.7	0.002	0.07	17.90	0.5	11.9	0.9	21.4	<0.01	0.14	0.2
ZZ76842		0.22	67.1	1470	11.1	14.0	0.004	0.11	5.78	0.3	5.1	0.8	24.7	<0.01	0.12	<0.2
ZZ76843		0.22	46.6	2100	10.3	12.5	0.001	0.10	4.08	0.5	4.6	0.7	20.4	<0.01	0.11	<0.2
ZZ76844		0.24	44.8	860	13.9	11.8	0.002	0.04	9.54	1.8	4.7	0.6	6.8	<0.01	0.10	0.7
ZZ76845		0.41	19.8	1010	12.8	11.9	<0.001	0.05	0.65	2.7	0.7	0.8	12.8	<0.01	0.06	1.7
ZZ76846		0.26	37.0	860	14.5	12.4	0.001	0.03	2.60	6.4	2.4	0.6	41.9	<0.01	0.03	4.7
ZZ76847		0.29	28.0	1270	13.4	15.8	0.003	0.06	2.06	3.4	2.1	0.5	20.8	<0.01	0.04	1.0
ZZ76848		0.33	28.4	930	17.9	11.6	0.001	0.04	0.54	3.9	0.8	0.5	14.3	<0.01	0.07	1.6
ZZ76849		0.34	22.4	1690	17.5	17.5	0.001	0.10	0.47	5.8	1.0	0.6	21.0	<0.01	0.06	1.9
ZZ76850		0.28	31.3	770	31.2	13.1	<0.001	0.03	0.52	5.5	0.8	0.6	21.0	<0.01	0.10	2.5
ZZ76851		0.47	14.6	870	16.4	16.0	<0.001	0.04	0.39	1.8	0.5	0.8	7.0	<0.01	0.05	0.8
ZZ76852		0.11	42.8	690	14.1	12.3	0.001	0.03	2.67	3.3	2.7	0.5	25.5	<0.01	0.07	2.1
ZZ76853		0.10	37.1	710	13.6	12.6	0.002	0.03	2.17	2.3	1.5	0.5	26.2	<0.01	0.06	1.3
ZZ76854		0.09	49.1	810	16.1	13.2	0.001	0.03	2.66	3.0	2.1	0.4	17.8	<0.01	0.09	1.9
ZZ76855		0.12	37.5	660	14.7	15.1	0.001	0.03	2.19	2.7	2.2	0.4	15.0	<0.01	0.10	1.8
ZZ76856		0.12	39.3	550	20.4	12.9	0.002	0.08	2.92	3.3	2.9	0.4	28.1	<0.01	0.10	2.4
ZZ76857		0.33	32.2	560	17.5	20.8	<0.001	0.04	2.38	2.6	2.2	0.5	23.3	<0.01	0.08	1.6
ZZ76858		0.43	43.4	630	19.2	14.0	<0.001	0.14	2.75	1.8	2.8	0.6	32.5	<0.01	0.10	1.1
ZZ76859		0.55	52.0	1060	26.0	17.3	0.001	0.23	3.71	3.2	4.4	0.6	56.0	<0.01	0.11	2.8
ZZ76860		0.13	24.1	830	6.8	4.2	0.013	0.18	1.57	1.2	4.7	0.3	76.5	<0.01	0.07	0.7
ZZ76861		0.25	82.2	1820	9.5	6.7	0.010	0.14	2.20	3.6	6.3	0.5	139.0	<0.01	0.06	0.9
ZZ76862		0.09	29.3	950	1.9	2.5	0.014	0.24	1.38	0.8	7.5	<0.2	157.0	<0.01	0.03	0.3
ZZ76863		0.22	57.8	1570	7.1	4.8	0.008	0.18	1.94	2.6	5.7	0.3	150.0	<0.01	0.05	0.6
ZZ76864		0.18	7.0	610	7.8	4.3	0.010	0.15	1.11	1.3	5.6	0.3	44.9	<0.01	0.05	0.6
ZZ76865		0.38	30.0	1060	12.7	6.5	0.010	0.16	2.01	2.7	7.0	0.4	86.3	<0.01	0.04	1.1
ZZ76866		0.40	33.1	810	14.9	6.0	0.011	0.24	2.27	2.3	7.0	0.3	97.8	<0.01	0.04	0.6
ZZ76867		0.44	66.1	760	19.5	8.8	0.025	0.26	4.60	3.7	8.7	0.4	97.1	<0.01	0.04	1.1
ZZ76868		0.58	43.9	740	29.9	12.1	0.008	0.10	2.37	4.0	4.8	0.5	48.8	<0.01	0.05	1.5
ZZ76869		0.67	36.6	630	30.6	8.8	<0.001	0.05	1.41	3.3	2.3	0.6	27.3	<0.01	0.07	1.0
ZZ76870		0.64	28.8	770	22.5	10.4	<0.001	0.09	1.19	2.4	1.7	0.5	32.4	<0.01	0.05	0.8
ZZ76871		0.50	35.6	530	27.3	8.1	<0.001	0.06	1.15	3.9	1.4	0.5	24.3	<0.01	0.05	1.7
ZZ76872		0.51	30.3	900	23.7	8.2	<0.001	0.08	1.13	2.6	2.0	0.4	34.4	0.01	0.05	0.8
ZZ76873		0.40	21.6	670	15.4	7.3	<0.001	0.08	0.74	2.1	1.3	0.4	32.8	<0.01	0.03	0.8
ZZ76874		0.55	44.5	660	25.8	10.3	0.001	0.04	1.15	4.6	1.8	0.6	23.4	0.01	0.07	2.2
ZZ76875		0.43	41.0	600	19.6	8.2	0.001	0.05	1.27	4.4	1.8	0.5	44.1	<0.01	0.06	2.0
ZZ76876		0.19	40.2	880	21.1	8.2	0.004	0.07	1.96	3.4	2.7	0.4	54.9	<0.01	0.06	1.9
ZZ76877		0.37	30.6	710	13.8	7.2	0.001	0.08	0.68	2.9	1.1	0.4	25.7	<0.01	0.04	1.0
ZZ76878		0.46	42.6	930	26.8	9.2	0.002	0.05	1.33	3.8	1.8	0.5	25.3	<0.01	0.05	1.6
ZZ76879		0.50	40.7	950	24.1	7.7	<0.001	0.07	1.20	3.5	2.1	0.5	28.7	<0.01	0.05	1.2
ZZ76880		0.47	34.6	870	18.5	7.4	<0.001	0.10	0.94	2.1	1.6	0.4	27.2	<0.01	0.04	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ76841		0.009	1.92	3.38	291	0.25	11.40	486	<0.5
ZZ76842		0.005	1.70	3.34	416	0.20	10.15	273	<0.5
ZZ76843		<0.005	0.60	3.11	387	0.21	16.30	308	<0.5
ZZ76844		0.005	0.32	2.99	392	0.14	12.05	515	0.5
ZZ76845		0.005	0.45	0.75	60	0.11	5.82	68	1.1
ZZ76846		<0.005	0.27	1.04	46	<0.05	15.35	263	2.6
ZZ76847		0.005	0.21	2.30	54	0.07	12.50	163	1.9
ZZ76848		0.008	0.18	1.22	44	0.10	6.27	91	1.8
ZZ76849		0.005	0.24	2.06	40	0.07	14.90	78	2.7
ZZ76850		0.005	0.44	1.04	53	0.12	8.82	97	1.3
ZZ76851		0.010	0.20	0.59	42	0.17	3.09	61	<0.5
ZZ76852		<0.005	0.60	1.38	50	<0.05	7.40	280	<0.5
ZZ76853		<0.005	0.40	1.41	42	<0.05	6.19	213	<0.5
ZZ76854		<0.005	0.45	1.37	37	<0.05	5.70	278	<0.5
ZZ76855		<0.005	0.40	1.35	40	<0.05	7.79	219	<0.5
ZZ76856		<0.005	0.50	1.39	42	<0.05	10.20	257	<0.5
ZZ76857		0.008	0.42	0.75	55	0.09	3.94	210	<0.5
ZZ76858		0.010	0.60	0.77	90	0.12	3.63	245	<0.5
ZZ76859		0.011	1.10	2.22	100	0.14	6.98	392	0.8
ZZ76860		<0.005	0.60	1.70	80	0.07	3.65	112	0.8
ZZ76861		0.005	0.31	7.17	124	0.12	26.7	352	1.6
ZZ76862		<0.005	0.10	2.66	44	0.06	5.91	96	2.0
ZZ76863		0.005	0.23	5.02	83	0.09	19.00	244	2.4
ZZ76864		0.005	0.25	1.52	29	0.07	2.63	21	0.9
ZZ76865		0.007	0.27	6.32	69	0.14	8.92	148	1.9
ZZ76866		0.007	0.21	6.91	43	0.08	10.10	103	1.3
ZZ76867		0.007	0.47	10.20	36	0.17	18.00	173	2.0
ZZ76868		0.008	0.67	6.56	47	0.19	14.80	166	1.9
ZZ76869		0.009	0.36	2.74	54	0.34	14.55	142	1.6
ZZ76870		0.009	0.22	6.60	42	0.17	10.05	111	1.7
ZZ76871		0.007	0.24	1.68	48	0.14	13.45	151	2.0
ZZ76872		0.008	0.21	2.94	43	0.15	12.80	137	1.6
ZZ76873		0.007	0.13	2.37	32	0.09	7.30	154	1.6
ZZ76874		0.007	0.26	2.49	50	0.12	13.50	165	2.3
ZZ76875		0.005	0.26	1.25	49	0.10	11.95	164	2.3
ZZ76876		0.005	0.60	1.32	60	0.11	12.50	235	1.4
ZZ76877		0.005	0.17	1.18	40	0.09	11.40	134	1.3
ZZ76878		0.008	0.33	1.80	52	0.20	14.50	226	1.7
ZZ76879		0.007	0.27	1.93	54	0.21	15.50	229	1.8
ZZ76880		0.008	0.21	2.03	46	0.22	12.55	172	1.5

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76881	0.13	0.003	0.28	1.12	53.9	<0.2	10	270	0.89	0.19	2.89	0.92	15.25	8.7	20
ZZ76882	0.10	0.004	0.35	0.89	39.1	<0.2	<10	430	0.66	0.18	1.68	0.52	11.75	8.8	19
ZZ76883	0.13	0.001	0.45	0.77	30.6	<0.2	<10	650	0.33	0.22	1.90	0.90	10.05	5.6	15
ZZ76884	0.27	0.003	0.62	0.99	46.5	<0.2	<10	320	0.80	0.18	2.43	0.93	15.35	8.2	22
ZZ76885	0.11	0.002	0.63	0.46	46.0	<0.2	10	250	0.60	0.08	2.10	0.45	22.8	11.6	11
ZZ76886	0.21	0.001	0.34	0.63	84.7	<0.2	10	250	1.23	0.12	1.53	0.63	34.1	14.8	12
ZZ76887	0.16	0.002	0.23	1.02	17.8	<0.2	<10	190	0.71	0.23	0.37	0.86	13.05	6.6	20
ZZ76888	0.19	0.005	2.69	0.69	24.6	<0.2	10	390	1.35	0.20	5.47	27.3	25.7	4.8	67
ZZ76889	0.10	0.005	4.04	0.61	44.3	<0.2	<10	600	1.13	0.15	2.76	31.7	9.95	6.2	49
ZZ76890	0.19	0.010	4.84	0.59	45.8	<0.2	10	450	1.06	0.16	1.61	37.7	13.20	7.0	51
ZZ76891	0.15	0.007	2.69	0.54	30.9	<0.2	10	470	1.04	0.15	2.24	21.1	12.10	4.9	40
ZZ76892	0.16	0.006	2.72	0.60	28.4	<0.2	10	360	1.03	0.16	2.95	20.9	15.30	4.8	45
ZZ76893	0.22	0.007	0.63	0.36	110.5	<0.2	<10	610	0.65	0.22	0.16	1.06	11.65	6.7	8
ZZ76894	0.25	0.007	0.54	0.51	28.5	<0.2	<10	210	0.62	0.25	0.02	0.83	11.30	8.3	9
ZZ76895	0.27	0.008	0.24	0.33	21.7	<0.2	<10	300	0.41	0.25	0.06	0.81	5.85	7.6	7
ZZ76896	0.10	0.004	0.31	0.34	17.3	<0.2	<10	350	0.35	0.21	0.21	0.68	7.06	5.6	7
ZZ76897	0.17	0.060	1.46	0.58	9.7	<0.2	10	320	0.54	0.23	1.41	1.51	11.95	7.6	11
ZZ76898	0.09	0.012	0.96	0.52	19.7	<0.2	10	520	0.58	0.23	0.80	2.10	9.83	8.1	11
ZZ76899	0.06	0.010	0.75	0.52	18.7	<0.2	10	480	0.41	0.19	0.29	1.45	7.67	6.4	12
ZZ76900	0.12	0.004	1.54	0.49	9.9	<0.2	<10	720	0.23	0.13	0.42	0.88	8.35	1.3	26
ZZ76901	0.06	0.011	5.23	0.67	76.8	<0.2	10	1760	0.86	0.22	1.40	2.46	8.86	6.0	65
ZZ76902	0.13	0.003	0.39	1.27	73.3	<0.2	<10	450	1.07	0.34	0.73	2.09	24.8	17.9	26
ZZ76903	0.17	0.006	0.79	0.86	36.4	<0.2	10	810	0.73	0.18	1.81	2.36	14.15	13.1	21
ZZ76904	0.10	0.004	0.35	0.89	57.8	<0.2	10	310	0.74	0.19	2.40	1.57	16.85	11.8	18
ZZ76905	0.28	0.013	0.49	0.97	97.7	<0.2	<10	500	0.85	0.21	2.48	1.97	16.00	10.6	20
ZZ76906	0.26	0.023	0.44	0.81	269	<0.2	<10	300	0.77	0.17	4.72	2.06	13.95	10.1	17
ZZ76907	0.27	0.040	0.40	0.98	160.0	<0.2	<10	300	0.85	0.19	2.97	1.47	15.50	10.8	20
ZZ76908	0.38	0.007	0.31	0.84	89.2	<0.2	<10	250	0.73	0.16	5.23	1.48	14.90	11.1	16
ZZ76909	0.17	0.009	0.29	0.91	79.3	<0.2	<10	360	0.75	0.17	3.98	1.51	14.60	9.0	17
ZZ76910	0.18	0.002	0.36	0.80	29.1	<0.2	<10	230	0.71	0.18	3.19	1.88	15.60	9.9	18
ZZ76911	0.27	0.004	0.39	0.94	132.5	<0.2	<10	330	0.95	0.16	5.65	2.53	15.70	9.3	17
ZZ76912	0.10	0.002	0.30	0.97	49.1	<0.2	<10	380	0.69	0.15	2.44	0.67	11.35	9.5	19
ZZ76913	0.20	0.001	0.39	1.05	47.7	<0.2	<10	330	0.82	0.18	2.33	0.75	11.40	10.3	21
ZZ76914	0.17	0.001	0.30	1.03	31.0	<0.2	<10	320	0.67	0.18	1.75	0.64	9.62	9.5	23
ZZ76915	0.11	0.004	0.29	1.12	76.4	<0.2	<10	380	0.87	0.18	3.31	0.72	10.60	11.1	21
ZZ76916	0.06	0.003	0.25	1.03	70.4	<0.2	<10	320	0.63	0.16	2.53	0.89	12.00	8.7	18
ZZ76917	0.12	0.005	0.31	1.27	97.3	<0.2	<10	630	0.80	0.19	2.52	1.50	17.55	9.5	22
ZZ76918	0.14	0.010	0.48	1.35	113.0	<0.2	<10	400	1.19	0.21	2.09	2.34	23.5	10.8	23
ZZ76919	0.35	0.003	0.14	1.56	92.1	<0.2	<10	250	1.24	0.23	0.74	1.08	27.3	11.6	26
ZZ76920	0.19	0.004	0.28	1.27	64.7	<0.2	<10	320	0.91	0.20	1.94	1.14	20.7	10.0	23

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Project: Nadaleen

Finalized Date: 10- JUL- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ76881		0.50	25.1	2.62	3.54	0.07	0.04	0.50	0.029	0.07	10.8	14.7	0.28	285	2.66	0.01
ZZ76882		0.71	25.3	2.63	3.00	0.07	0.04	0.31	0.027	0.06	6.0	15.0	0.43	316	2.43	0.01
ZZ76883		0.59	18.4	1.94	3.79	0.06	0.03	1.85	0.020	0.04	5.0	9.7	0.20	553	1.62	0.01
ZZ76884		0.58	25.4	2.83	3.11	0.09	0.05	0.30	0.033	0.06	10.9	14.3	1.00	327	2.38	<0.01
ZZ76885		0.56	21.1	3.37	1.35	0.08	0.03	0.25	0.038	0.08	11.7	3.8	0.09	299	2.09	<0.01
ZZ76886		0.52	13.7	4.98	1.99	0.11	0.04	0.09	0.062	0.09	20.5	5.4	0.05	394	2.77	<0.01
ZZ76887		0.91	27.0	2.59	3.83	0.06	0.02	0.01	0.032	0.10	7.2	7.2	0.11	161	12.80	<0.01
ZZ76888		0.72	150.0	1.65	3.75	0.13	0.05	0.49	0.028	0.09	19.1	6.9	0.96	140	50.0	0.01
ZZ76889		0.86	111.5	1.59	3.25	0.13	0.08	0.82	0.036	0.11	10.6	4.7	0.05	111	68.1	0.01
ZZ76890		1.68	123.0	1.79	2.75	0.13	0.06	0.54	0.039	0.10	11.7	5.8	0.11	100	60.9	0.01
ZZ76891		1.26	96.3	1.47	2.53	0.12	0.05	0.35	0.035	0.08	12.3	5.9	0.17	84	51.8	0.01
ZZ76892		1.27	82.2	1.41	3.04	0.13	0.07	0.51	0.031	0.07	14.7	8.6	0.18	89	33.9	0.01
ZZ76893		4.19	62.7	2.38	1.62	0.08	0.02	0.58	0.039	0.12	5.2	3.6	0.07	124	5.59	<0.01
ZZ76894		5.46	61.3	2.62	1.93	0.06	<0.02	0.19	0.038	0.11	5.7	5.0	0.06	146	7.48	<0.01
ZZ76895		5.30	63.2	2.31	1.71	0.07	<0.02	0.14	0.038	0.12	2.7	3.7	0.04	105	6.29	<0.01
ZZ76896		2.07	39.1	1.89	1.55	0.06	<0.02	0.19	0.029	0.11	3.2	3.4	0.06	71	5.67	0.01
ZZ76897		4.69	53.0	1.47	2.05	0.10	0.07	0.42	0.036	0.14	5.1	10.4	0.26	217	1.16	0.01
ZZ76898		3.84	57.0	2.07	1.91	0.07	0.06	0.37	0.039	0.14	4.5	5.7	0.17	207	3.85	0.01
ZZ76899		3.76	39.7	1.74	2.09	0.07	0.02	0.21	0.024	0.13	3.6	4.8	0.09	162	3.52	0.01
ZZ76900		1.66	20.9	0.89	2.73	0.07	0.04	0.40	0.013	0.05	5.3	3.3	0.05	17	2.32	0.01
ZZ76901		2.05	52.9	3.56	2.67	0.13	0.06	0.72	0.043	0.11	7.9	5.1	0.08	197	24.8	<0.01
ZZ76902		1.18	40.1	3.90	4.90	0.10	0.08	0.36	0.045	0.10	11.7	24.8	0.46	715	4.67	0.01
ZZ76903		1.00	36.4	2.67	2.57	0.06	0.05	0.56	0.030	0.06	7.0	10.5	0.28	1060	3.34	0.01
ZZ76904		0.70	28.5	2.53	2.78	0.06	0.05	0.47	0.031	0.07	8.0	11.7	0.48	1200	4.97	0.01
ZZ76905		0.84	38.2	2.80	3.01	0.06	0.05	6.85	0.033	0.09	8.5	13.5	0.86	313	3.33	0.01
ZZ76906		0.82	30.6	2.69	2.45	<0.05	0.04	4.65	0.029	0.07	7.3	10.9	1.42	394	3.59	0.01
ZZ76907		0.77	32.5	2.82	3.00	0.05	0.04	2.06	0.031	0.08	8.7	12.6	1.10	456	2.35	0.01
ZZ76908		0.75	28.2	2.66	2.65	0.05	0.04	1.43	0.030	0.07	7.5	13.0	2.47	503	2.44	0.01
ZZ76909		0.48	23.0	2.58	2.60	<0.05	0.04	0.70	0.025	0.07	7.5	11.9	1.78	387	1.81	0.01
ZZ76910		0.66	30.3	2.60	2.63	0.05	0.03	0.37	0.026	0.08	7.9	11.1	1.23	398	3.31	0.01
ZZ76911		0.83	25.0	2.18	2.68	<0.05	0.04	1.60	0.027	0.06	8.4	9.8	2.62	459	1.50	0.01
ZZ76912		0.85	22.8	2.15	2.81	<0.05	0.03	0.30	0.027	0.07	7.9	14.6	0.27	404	0.77	0.01
ZZ76913		1.18	31.8	2.57	3.08	<0.05	0.04	0.32	0.035	0.09	8.1	20.3	0.46	248	0.92	0.01
ZZ76914		1.51	19.6	2.43	2.86	<0.05	0.04	0.12	0.034	0.08	7.4	17.2	0.25	316	1.35	0.01
ZZ76915		1.19	30.0	2.67	3.17	<0.05	0.04	0.40	0.031	0.10	6.2	18.8	0.85	304	1.45	0.01
ZZ76916		0.72	15.9	2.12	3.02	<0.05	0.04	0.52	0.025	0.06	6.1	12.0	0.32	468	1.10	0.01
ZZ76917		0.77	21.1	2.45	3.52	<0.05	0.04	0.57	0.028	0.06	8.8	12.7	0.37	609	1.22	0.01
ZZ76918		0.88	27.6	2.91	3.61	0.05	0.03	1.05	0.033	0.06	12.3	11.1	0.42	725	1.80	0.01
ZZ76919		0.58	21.8	3.21	4.82	0.06	0.06	0.51	0.038	0.15	15.2	11.8	0.33	622	2.11	0.01
ZZ76920		0.64	23.7	2.81	3.85	<0.05	0.04	0.38	0.032	0.08	11.3	13.0	0.56	477	1.70	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ76881		0.57	34.4	720	18.8	7.1	<0.001	0.07	1.00	2.9	1.5	0.5	23.0	<0.01	0.05	1.0
ZZ76882		0.44	29.4	650	17.4	6.7	0.001	0.05	1.08	3.5	1.4	0.4	30.9	<0.01	0.06	1.3
ZZ76883		0.75	15.1	470	14.5	7.1	<0.001	0.04	0.56	1.8	1.0	0.5	43.0	<0.01	0.04	0.8
ZZ76884		0.45	33.3	590	18.4	6.3	<0.001	0.04	1.08	5.3	1.8	0.4	35.2	<0.01	0.06	2.0
ZZ76885		0.18	28.8	1070	17.7	5.9	0.001	0.13	1.68	3.8	2.4	0.3	48.6	<0.01	0.04	1.2
ZZ76886		0.36	38.9	800	17.5	5.0	<0.001	0.08	0.66	7.0	1.6	0.5	39.2	0.01	0.02	3.0
ZZ76887		0.33	39.1	910	14.6	14.4	<0.001	0.03	4.03	1.6	2.5	0.6	11.1	<0.01	0.07	0.7
ZZ76888		0.21	203	890	19.9	10.7	0.003	0.09	13.60	2.7	9.7	0.7	114.5	<0.01	0.20	0.8
ZZ76889		0.15	266	1940	11.8	8.2	0.009	0.28	20.8	2.5	14.8	0.6	83.4	<0.01	0.22	0.4
ZZ76890		0.17	356	1620	13.0	8.0	0.013	0.13	18.95	4.3	12.9	0.7	69.1	<0.01	0.23	0.8
ZZ76891		0.17	316	1350	10.1	7.3	0.010	0.11	12.40	3.4	9.2	0.6	81.7	<0.01	0.20	0.6
ZZ76892		0.29	281	1170	9.8	9.6	0.012	0.13	12.60	2.7	11.2	0.6	84.5	<0.01	0.15	0.6
ZZ76893		0.14	40.7	590	17.5	11.8	0.003	0.07	2.58	3.8	2.7	0.4	46.0	<0.01	0.08	2.3
ZZ76894		0.16	41.6	670	18.3	12.2	0.002	0.24	2.87	3.1	2.6	0.4	13.6	<0.01	0.08	2.6
ZZ76895		0.13	44.5	580	17.3	12.8	0.003	0.35	3.04	2.9	2.4	0.4	21.6	<0.01	0.09	1.8
ZZ76896		0.15	29.5	550	12.8	10.0	0.005	0.39	2.50	2.3	2.3	0.4	26.6	<0.01	0.07	2.2
ZZ76897		0.29	34.0	550	13.7	23.3	0.002	0.67	1.21	3.6	7.2	0.4	80.2	0.01	0.06	2.4
ZZ76898		0.19	41.0	540	13.8	16.6	0.002	0.56	2.38	3.6	4.5	0.4	52.9	<0.01	0.08	2.1
ZZ76899		0.32	27.0	610	11.4	19.3	0.003	0.56	1.79	2.7	3.4	0.4	32.6	<0.01	0.06	1.7
ZZ76900		0.28	14.1	750	9.1	7.0	0.014	0.33	0.95	1.4	3.8	0.4	40.5	<0.01	0.04	0.9
ZZ76901		0.16	69.5	3070	16.4	10.1	0.026	0.26	3.73	3.8	15.3	0.6	164.0	<0.01	0.16	1.5
ZZ76902		0.51	96.5	830	31.8	11.6	0.002	0.03	1.44	5.9	2.4	0.6	42.2	<0.01	0.08	4.5
ZZ76903		0.34	85.6	840	16.2	8.2	0.012	0.10	1.29	3.1	4.6	0.4	57.2	<0.01	0.06	1.1
ZZ76904		0.43	50.9	760	20.1	7.5	0.012	0.16	2.74	3.2	7.6	0.4	63.9	<0.01	0.06	1.5
ZZ76905		0.36	44.0	870	25.9	7.3	0.003	0.07	1.98	3.7	3.3	0.4	38.3	<0.01	0.07	1.6
ZZ76906		0.28	46.7	910	40.5	6.4	0.001	0.06	2.58	2.9	2.1	0.3	48.2	<0.01	0.04	1.1
ZZ76907		0.34	42.5	860	26.7	7.6	0.001	0.06	1.50	3.3	1.8	0.4	33.4	<0.01	0.04	1.2
ZZ76908		0.27	37.3	760	25.0	6.1	0.001	0.03	1.26	3.4	1.4	0.3	51.8	<0.01	0.04	1.7
ZZ76909		0.32	32.3	680	21.3	5.4	0.001	0.05	1.00	2.7	0.9	0.3	34.0	<0.01	0.04	1.3
ZZ76910		0.40	37.9	740	17.5	6.1	0.001	0.03	1.59	3.3	1.6	0.4	42.0	<0.01	0.05	1.9
ZZ76911		0.41	41.4	900	27.0	6.9	<0.001	0.07	1.29	2.2	1.1	0.4	43.7	<0.01	0.04	0.7
ZZ76912		0.31	29.9	750	13.8	8.4	0.001	0.09	0.53	2.5	1.5	0.3	33.4	<0.01	0.04	0.8
ZZ76913		0.26	37.7	600	19.0	9.5	0.001	0.05	0.51	3.8	1.5	0.4	29.9	<0.01	0.06	1.6
ZZ76914		0.22	34.4	740	14.2	9.1	0.001	0.07	0.54	3.7	1.4	0.4	28.4	<0.01	0.06	1.6
ZZ76915		0.28	42.1	730	19.1	8.9	0.001	0.07	0.85	3.2	1.4	0.4	36.9	<0.01	0.06	1.2
ZZ76916		0.50	24.2	690	19.2	7.3	<0.001	0.10	0.79	2.3	1.1	0.4	30.4	<0.01	0.05	0.8
ZZ76917		0.63	28.5	850	21.7	8.2	0.001	0.10	0.97	2.3	1.4	0.4	26.6	<0.01	0.04	0.7
ZZ76918		0.54	36.8	1040	31.4	8.2	<0.001	0.08	1.55	2.6	1.5	0.4	30.9	<0.01	0.04	0.7
ZZ76919		0.62	35.7	220	30.1	9.3	<0.001	0.02	0.99	5.9	1.3	0.6	16.0	<0.01	0.06	4.2
ZZ76920		0.72	32.6	510	24.8	7.8	<0.001	0.04	0.99	3.3	1.2	0.5	26.8	<0.01	0.05	1.3

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76881		0.008	0.21	1.68	50	0.11	15.80	144	1.4
ZZ76882		0.007	0.18	0.99	45	0.08	9.07	142	1.5
ZZ76883		0.013	0.10	1.22	50	0.12	3.12	71	1.0
ZZ76884		<0.005	0.21	1.50	59	0.09	22.6	157	2.1
ZZ76885		<0.005	0.29	1.01	28	<0.05	7.77	130	1.5
ZZ76886		<0.005	0.34	0.63	26	<0.05	19.10	110	1.2
ZZ76887		0.006	0.36	2.21	197	0.17	5.04	227	0.5
ZZ76888		0.006	0.68	7.88	1100	0.35	52.3	1180	2.0
ZZ76889		<0.005	2.29	28.4	687	0.26	47.1	1440	3.9
ZZ76890		<0.005	2.20	15.25	594	0.30	49.9	2710	2.9
ZZ76891		0.005	1.82	11.05	501	0.26	48.0	1700	3.0
ZZ76892		0.006	1.48	11.20	474	0.23	41.4	1660	2.7
ZZ76893		<0.005	0.76	1.82	45	<0.05	9.45	244	0.9
ZZ76894		<0.005	0.71	1.85	51	0.06	5.69	287	<0.5
ZZ76895		<0.005	0.49	1.18	44	<0.05	4.60	303	<0.5
ZZ76896		<0.005	0.44	1.03	39	<0.05	4.58	185	0.8
ZZ76897		<0.005	0.65	1.13	37	<0.05	13.55	122	2.6
ZZ76898		<0.005	0.42	1.64	56	0.06	13.10	223	2.0
ZZ76899		<0.005	0.38	1.29	47	0.08	8.51	205	0.9
ZZ76900		<0.005	0.36	2.51	37	0.09	6.49	53	1.2
ZZ76901		<0.005	1.07	7.36	164	0.23	23.5	303	2.8
ZZ76902		0.008	0.32	1.64	57	0.14	15.30	369	2.6
ZZ76903		0.006	0.30	2.90	46	0.11	13.00	288	1.9
ZZ76904		0.008	0.24	4.30	48	0.10	11.35	185	1.8
ZZ76905		0.007	0.49	1.85	65	0.18	14.15	256	1.7
ZZ76906		0.006	0.79	2.46	55	0.20	13.00	345	1.2
ZZ76907		0.007	0.51	1.86	56	0.15	14.15	262	1.3
ZZ76908		0.006	0.34	1.55	45	0.13	12.75	203	1.2
ZZ76909		0.007	0.23	1.35	48	0.14	10.95	236	1.3
ZZ76910		0.009	0.20	1.38	69	0.13	12.00	217	1.3
ZZ76911		0.008	0.36	2.34	43	0.26	12.80	255	1.3
ZZ76912		0.005	0.16	1.55	31	0.09	15.40	135	1.1
ZZ76913		<0.005	0.19	0.84	34	0.12	17.55	154	1.4
ZZ76914		<0.005	0.15	1.64	32	0.05	15.05	127	1.5
ZZ76915		<0.005	0.26	1.19	36	0.16	13.05	189	1.5
ZZ76916		0.009	0.21	1.61	40	0.19	7.38	164	1.3
ZZ76917		0.013	0.21	1.63	50	0.26	10.20	178	1.1
ZZ76918		0.012	0.23	2.22	59	0.25	17.75	179	1.0
ZZ76919		0.007	0.35	1.32	71	0.21	19.55	173	2.5
ZZ76920		0.015	0.23	1.47	53	0.21	12.55	160	1.3

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Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ76921		0.08	0.006	0.32	1.21	179.0	<0.2	<10	470	0.89	0.18	2.16	1.04	15.55	10.3	21
ZZ76922		0.25	0.003	0.33	0.46	17.2	<0.2	<10	190	0.86	0.10	2.16	0.75	35.7	13.6	10
ZZ76923		0.27	0.004	0.45	0.42	21.5	<0.2	<10	260	0.80	0.09	2.86	1.46	44.6	13.7	9
ZZ76924		0.20	0.005	1.94	0.52	25.3	<0.2	<10	170	1.03	0.17	4.70	12.85	21.6	8.6	20
ZZ76925		0.31	0.007	2.50	0.41	27.2	<0.2	10	240	1.18	0.17	9.77	29.7	24.7	5.4	57
ZZ76926		0.26	0.004	2.29	0.39	21.5	<0.2	10	230	0.94	0.14	5.22	15.80	19.05	4.6	51
ZZ76927		0.19	0.007	3.55	0.49	26.8	<0.2	10	380	1.10	0.14	5.41	21.9	19.05	3.3	85
ZZ76928		0.16	0.005	2.92	0.45	26.1	<0.2	10	300	1.00	0.13	6.35	22.7	18.70	3.4	77
ZZ76929		0.15	0.006	2.68	0.41	23.7	<0.2	10	270	0.93	0.12	5.79	17.70	18.00	4.4	68
ZZ76930		0.13	0.003	1.41	0.31	18.2	<0.2	10	310	0.61	0.08	6.67	11.55	16.60	3.8	54
ZZ76931		0.12	0.003	1.02	0.76	23.9	<0.2	<10	320	0.73	0.14	2.65	9.50	16.35	6.1	31
ZZ76933		0.14	0.004	0.72	0.55	37.9	<0.2	<10	880	0.73	0.16	1.62	4.13	13.75	11.9	10
ZZ76934		0.11	0.004	0.37	0.37	25.8	<0.2	<10	350	0.38	0.13	1.67	1.69	7.95	5.6	8
ZZ76935		0.05	NSS	0.46	0.33	14.1	<0.2	10	360	0.51	0.09	2.51	5.69	8.52	4.7	7
ZZ76936		0.18	0.007	0.68	0.45	33.8	<0.2	<10	580	0.60	0.19	0.80	2.23	14.65	13.3	9
ZZ76937		0.18	0.006	0.76	0.53	41.4	<0.2	<10	590	0.71	0.22	0.86	3.79	17.15	18.8	10
ZZ76938		0.20	0.010	0.51	0.45	20.4	<0.2	<10	340	0.59	0.21	0.47	1.41	12.15	12.3	9
ZZ76939		0.28	0.007	0.55	0.43	20.3	<0.2	<10	460	0.60	0.20	0.52	2.18	11.20	11.0	8
ZZ76940		0.24	0.005	0.51	0.43	23.1	<0.2	<10	590	0.63	0.21	0.44	1.92	11.30	9.0	8
ZZ76941		0.11	0.006	0.77	0.58	37.0	<0.2	<10	630	0.86	0.24	0.61	3.96	12.10	23.2	12
ZZ76942		0.16	0.004	0.71	0.99	149.0	<0.2	<10	830	0.98	0.25	1.27	4.41	16.90	27.6	20
ZZ76943		0.20	0.002	0.30	1.22	39.4	<0.2	10	400	0.92	0.22	2.03	0.94	11.35	11.5	21
ZZ76944		0.11	0.003	0.28	1.09	33.2	<0.2	<10	350	0.82	0.20	1.85	0.71	11.85	10.5	19
ZZ76945		0.24	0.006	0.40	1.36	68.2	<0.2	<10	310	1.04	0.23	2.11	0.80	13.30	12.3	23
ZZ76946		0.13	0.014	0.49	1.10	128.5	<0.2	<10	380	0.93	0.18	2.99	1.87	9.96	9.8	17
ZZ76947		0.23	0.016	0.43	1.32	145.5	<0.2	<10	250	0.94	0.24	2.94	1.77	16.50	13.6	23
ZZ76948		0.12	0.028	0.82	1.10	271	<0.2	<10	250	1.08	0.20	4.45	2.85	17.60	11.3	22
ZZ76949		0.13	0.030	0.52	1.27	322	<0.2	<10	350	1.07	0.21	2.45	1.58	15.90	14.0	23
ZZ76950		0.19	0.034	0.37	1.16	193.0	<0.2	<10	400	1.07	0.19	4.58	1.42	13.45	10.3	20
ZZ76951		0.13	0.012	0.36	0.92	141.5	<0.2	<10	310	1.01	0.16	5.68	1.75	13.80	9.0	17
ZZ76952		0.17	0.008	0.37	1.13	273	<0.2	<10	350	1.27	0.17	4.07	2.46	13.50	9.1	19
ZZ76953		0.16	0.007	0.44	1.38	184.0	<0.2	<10	510	1.21	0.22	2.21	1.56	18.35	12.0	25
ZZ76954		0.17	0.003	0.24	0.93	70.1	<0.2	<10	340	0.74	0.16	2.25	0.73	9.06	9.0	17
ZZ76955		0.13	0.003	0.24	1.30	22.5	<0.2	<10	340	0.86	0.20	1.83	0.27	8.73	10.8	22
ZZ76956		0.26	0.004	0.41	1.07	28.4	<0.2	<10	430	0.75	0.20	2.00	0.64	11.25	9.1	21
ZZ76957		0.36	0.008	0.32	1.14	227	<0.2	<10	230	1.26	0.17	11.80	1.38	12.80	10.6	18
ZZ76958		0.13	0.005	0.34	1.16	63.7	<0.2	<10	510	0.89	0.19	3.04	1.02	13.65	8.3	20
ZZ76959		0.07	0.007	0.32	1.27	203	<0.2	10	460	1.21	0.18	3.15	1.97	13.75	10.1	21
ZZ76960		0.10	0.007	0.30	1.60	377	<0.2	<10	270	1.36	0.24	1.99	3.32	20.6	12.2	27
ZZ76961		0.27	0.008	0.32	1.14	203	<0.2	<10	210	1.08	0.22	7.82	2.86	19.55	12.6	19

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ76921		1.09	22.0	2.54	3.47	<0.05	0.05	0.65	0.030	0.09	8.0	11.3	0.29	534	2.25	0.01
ZZ76922		0.66	24.1	3.70	1.32	0.07	0.04	0.14	0.058	0.13	17.4	1.9	0.06	211	3.70	0.01
ZZ76923		0.60	28.8	3.85	1.14	0.08	0.06	0.28	0.048	0.10	23.5	1.8	0.05	354	11.50	0.01
ZZ76924		0.67	76.2	2.24	2.37	0.07	0.06	0.35	0.032	0.10	15.4	3.3	0.98	156	33.7	0.01
ZZ76925		0.82	145.0	1.56	3.12	0.09	0.04	0.60	0.028	0.12	16.6	3.6	1.91	103	81.4	0.02
ZZ76926		0.47	92.9	1.42	2.06	0.08	0.06	0.46	0.029	0.11	14.4	3.0	1.64	77	22.9	0.01
ZZ76927		0.62	115.5	1.15	2.66	0.10	0.05	0.56	0.023	0.08	16.9	4.5	1.30	65	29.8	0.01
ZZ76928		0.66	120.5	1.16	2.42	0.11	0.05	0.53	0.022	0.09	15.3	4.0	1.59	71	34.4	0.01
ZZ76929		0.55	106.0	1.11	2.19	0.10	0.06	0.46	0.021	0.10	14.5	3.9	1.30	105	27.6	0.01
ZZ76930		0.66	62.7	0.78	1.66	0.10	0.04	0.27	0.015	0.08	14.8	2.6	1.05	111	22.7	0.01
ZZ76931		0.74	53.0	1.45	2.55	0.06	0.05	0.25	0.025	0.06	10.7	8.3	0.26	224	8.23	0.01
ZZ76933		1.71	54.6	2.17	1.62	0.05	0.04	0.41	0.031	0.07	6.6	3.0	0.21	907	12.85	<0.01
ZZ76934		1.54	28.0	1.37	1.34	<0.05	0.03	0.30	0.026	0.08	3.5	2.4	0.21	310	12.35	0.01
ZZ76935		1.90	52.5	1.05	0.99	0.05	0.05	0.31	0.019	0.07	4.6	2.0	0.27	359	5.33	0.01
ZZ76936		3.30	52.1	2.12	1.62	<0.05	0.04	0.39	0.037	0.10	5.8	3.5	0.16	634	9.78	0.01
ZZ76937		3.31	60.6	3.10	1.88	0.06	0.05	0.36	0.040	0.11	6.8	4.4	0.16	634	18.15	0.01
ZZ76938		2.55	43.9	1.85	1.61	<0.05	0.03	0.27	0.037	0.12	4.9	4.8	0.13	883	3.58	0.01
ZZ76939		3.16	58.4	2.96	1.55	0.05	0.04	0.26	0.038	0.13	4.7	4.7	0.14	385	3.71	0.01
ZZ76940		2.67	55.9	2.17	1.76	0.06	0.05	0.29	0.039	0.10	4.6	6.4	0.13	226	3.78	<0.01
ZZ76941		2.93	72.4	2.77	2.14	0.07	0.05	0.36	0.040	0.10	4.9	5.3	0.11	869	5.50	<0.01
ZZ76942		1.35	48.7	5.58	3.58	0.07	0.06	0.84	0.037	0.07	8.2	12.4	0.25	461	10.05	<0.01
ZZ76943		0.95	32.2	2.69	4.26	0.06	0.07	0.44	0.039	0.07	7.3	20.7	0.60	325	1.56	0.01
ZZ76944		0.77	28.4	2.48	3.49	0.05	0.06	0.41	0.030	0.06	6.3	16.1	0.35	496	1.60	0.01
ZZ76945		0.76	29.8	3.19	4.38	<0.05	0.05	1.00	0.042	0.07	8.0	21.2	0.92	470	1.91	0.01
ZZ76946		0.59	32.2	2.31	3.24	<0.05	0.06	1.91	0.030	0.06	5.7	14.0	0.33	638	1.34	0.01
ZZ76947		0.99	31.7	3.27	4.00	0.05	0.05	11.40	0.035	0.08	7.7	19.5	1.10	503	2.45	0.01
ZZ76948		0.68	21.7	2.65	3.16	<0.05	0.03	7.82	0.029	0.05	7.9	11.6	1.18	1040	3.22	0.01
ZZ76949		0.80	29.6	2.76	3.85	<0.05	0.06	5.57	0.035	0.07	8.9	15.4	0.33	563	2.36	0.01
ZZ76950		0.71	28.6	2.51	3.23	<0.05	0.05	1.74	0.028	0.08	7.1	12.4	1.51	546	1.72	0.01
ZZ76951		0.74	26.5	2.23	2.56	<0.05	0.04	1.39	0.026	0.07	7.2	10.2	2.48	543	2.01	0.01
ZZ76952		0.89	27.2	2.46	3.15	<0.05	0.05	1.09	0.029	0.07	7.2	11.4	0.54	497	1.90	0.01
ZZ76953		1.07	26.9	2.72	4.03	<0.05	0.06	0.90	0.039	0.08	9.2	14.1	0.43	453	1.81	0.01
ZZ76954		0.60	24.3	2.28	2.74	<0.05	0.04	0.17	0.028	0.07	7.3	15.3	0.31	338	0.71	0.01
ZZ76955		0.75	18.6	2.77	3.79	<0.05	0.06	0.08	0.035	0.08	5.9	22.6	0.28	270	1.00	0.01
ZZ76956		1.53	20.6	2.39	3.14	0.06	0.05	0.12	0.034	0.08	12.9	16.9	0.22	331	1.27	0.01
ZZ76957		1.11	24.4	2.60	3.38	0.05	0.08	1.11	0.028	0.11	6.6	12.1	1.78	485	2.14	0.01
ZZ76958		0.86	31.6	2.07	3.36	<0.05	0.05	0.52	0.025	0.08	8.2	14.2	0.29	328	0.88	0.01
ZZ76959		1.10	31.6	2.32	3.70	0.05	0.06	0.86	0.030	0.09	8.8	14.1	0.27	535	1.58	0.01
ZZ76960		1.47	29.3	3.17	4.70	<0.05	0.04	0.73	0.033	0.11	10.3	14.6	0.35	585	2.01	0.01
ZZ76961		0.97	27.4	3.06	3.50	0.05	0.04	1.13	0.028	0.11	9.5	12.2	2.50	940	3.50	0.01

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Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76921		0.50	45.1	720	24.9	12.2	0.001	0.08	1.41	3.0	1.4	0.4	28.9	<0.01	0.05	0.9
ZZ76922		0.42	56.7	1010	11.3	6.2	0.001	0.11	0.91	6.9	1.6	0.4	65.4	<0.01	0.05	2.8
ZZ76923		0.26	74.9	1110	12.0	4.3	0.003	0.11	1.96	6.3	1.9	0.4	72.6	<0.01	0.05	3.2
ZZ76924		0.12	109.0	980	16.3	8.5	0.003	0.04	12.75	4.2	4.7	0.5	92.9	<0.01	0.10	2.4
ZZ76925		0.13	249	1260	17.2	9.1	0.008	0.07	19.35	3.1	7.8	0.6	231	<0.01	0.16	1.4
ZZ76926		0.12	164.5	1560	11.3	6.9	0.011	0.10	11.10	2.6	7.5	0.5	110.5	<0.01	0.11	0.9
ZZ76927		0.14	248	1850	10.0	7.9	0.010	0.11	14.00	2.3	9.8	0.5	144.0	<0.01	0.16	0.6
ZZ76928		0.13	313	1830	10.7	8.3	0.012	0.12	15.30	2.3	10.6	0.5	159.5	<0.01	0.14	0.7
ZZ76929		0.13	260	1810	9.5	7.4	0.014	0.14	12.85	2.0	11.2	0.5	137.0	<0.01	0.12	0.8
ZZ76930		0.09	135.5	2250	6.5	6.4	0.017	0.11	9.91	1.7	8.9	0.3	190.0	<0.01	0.10	0.5
ZZ76931		0.33	123.5	1040	11.8	6.0	0.013	0.11	6.54	2.3	8.5	0.4	72.4	<0.01	0.08	0.6
ZZ76933		0.16	86.6	790	12.0	7.8	0.016	0.11	4.88	2.5	8.1	0.4	71.7	<0.01	0.07	1.1
ZZ76934		0.15	34.6	600	9.4	7.5	0.021	0.11	3.64	2.1	5.1	0.3	71.4	<0.01	0.06	1.3
ZZ76935		0.11	82.9	990	6.6	9.4	0.065	0.26	4.40	1.5	9.1	0.2	89.7	<0.01	0.03	0.9
ZZ76936		0.16	51.4	720	14.4	10.3	0.020	0.08	3.48	3.2	4.8	0.4	51.7	<0.01	0.07	2.0
ZZ76937		0.19	65.9	800	16.2	11.9	0.019	0.09	4.55	3.6	8.3	0.4	53.0	<0.01	0.07	2.4
ZZ76938		0.15	40.6	490	14.3	11.4	0.006	0.05	1.72	3.2	3.2	0.4	34.4	<0.01	0.07	2.7
ZZ76939		0.16	41.8	510	14.1	12.8	0.009	0.07	1.98	3.4	4.7	0.4	42.5	<0.01	0.08	3.2
ZZ76940		0.18	35.0	620	14.4	11.5	0.007	0.04	2.09	3.5	4.2	0.4	43.7	<0.01	0.06	3.2
ZZ76941		0.24	54.9	730	15.1	13.9	0.010	0.06	2.43	4.0	7.7	0.4	42.1	<0.01	0.07	2.5
ZZ76942		0.42	73.4	1440	22.3	11.1	0.009	0.06	2.20	4.7	6.0	0.5	56.8	<0.01	0.06	2.9
ZZ76943		0.28	40.6	830	19.0	10.5	0.001	0.08	0.92	4.2	2.7	0.5	39.9	<0.01	0.04	1.4
ZZ76944		0.36	33.2	680	15.8	7.9	0.003	0.09	0.99	3.1	2.2	0.4	30.7	0.01	0.03	1.0
ZZ76945		0.47	39.1	820	24.4	8.7	0.001	0.04	1.09	5.0	1.6	0.5	24.0	<0.01	0.06	1.7
ZZ76946		0.32	33.6	1000	35.0	7.1	0.001	0.11	2.33	2.3	2.5	0.4	30.3	<0.01	0.03	0.6
ZZ76947		0.41	44.1	830	32.7	8.4	<0.001	0.03	1.52	4.8	1.5	0.5	29.8	<0.01	0.04	2.0
ZZ76948		0.38	35.5	870	62.5	7.2	<0.001	0.08	2.32	2.7	1.5	0.4	28.0	<0.01	0.03	0.5
ZZ76949		0.45	54.9	1010	35.0	8.9	<0.001	0.08	1.88	3.1	1.6	0.5	24.6	<0.01	0.03	0.9
ZZ76950		0.40	39.6	860	25.5	7.8	<0.001	0.07	1.26	2.8	1.4	0.4	35.2	<0.01	0.03	0.8
ZZ76951		0.26	40.5	860	21.0	7.7	<0.001	0.06	1.33	2.4	1.5	0.3	41.4	<0.01	0.03	0.7
ZZ76952		0.36	52.0	870	24.5	7.2	0.001	0.10	1.63	2.3	1.2	0.4	35.0	<0.01	0.03	0.6
ZZ76953		0.53	41.7	980	31.9	10.8	<0.001	0.08	1.49	3.1	1.5	0.5	28.0	<0.01	0.02	0.9
ZZ76954		0.23	29.3	790	12.0	7.1	0.002	0.08	0.51	2.7	1.4	0.3	28.5	<0.01	0.03	0.8
ZZ76955		0.23	32.1	620	13.4	8.1	0.001	0.06	0.41	4.0	1.2	0.5	31.2	<0.01	0.03	1.6
ZZ76956		0.73	29.2	540	14.1	9.8	0.002	0.06	0.53	3.8	1.9	0.5	32.6	<0.01	0.04	1.0
ZZ76957		0.25	49.8	640	26.9	9.5	0.001	0.01	1.16	5.4	1.3	0.4	79.3	0.01	0.04	2.9
ZZ76958		0.48	29.3	830	18.3	8.7	<0.001	0.09	0.92	2.4	2.1	0.4	38.3	<0.01	0.03	0.6
ZZ76959		0.48	50.4	820	23.2	9.6	0.001	0.09	1.48	3.0	1.7	0.4	36.2	<0.01	0.03	0.9
ZZ76960		0.58	74.3	730	28.9	12.4	<0.001	0.05	1.77	2.9	1.3	0.6	24.9	<0.01	0.03	0.7
ZZ76961		0.32	41.9	690	43.4	7.8	0.001	0.02	1.44	4.2	1.5	0.5	55.3	<0.01	0.05	1.8

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Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76921		0.008	0.40	2.61	62	0.31	12.60	284	1.4
ZZ76922		<0.005	0.25	1.24	30	<0.05	15.70	141	1.5
ZZ76923		<0.005	0.46	2.36	50	<0.05	19.85	149	3.0
ZZ76924		<0.005	0.52	8.19	375	0.19	30.2	676	2.5
ZZ76925		0.005	0.85	13.60	1090	0.37	46.3	1520	2.1
ZZ76926		<0.005	0.47	7.29	536	0.20	33.9	1000	2.2
ZZ76927		<0.005	0.71	8.39	734	0.22	39.5	1450	2.4
ZZ76928		<0.005	0.73	10.45	755	0.23	37.0	1760	2.3
ZZ76929		<0.005	0.69	9.68	621	0.21	32.9	1710	2.7
ZZ76930		<0.005	0.64	7.91	472	0.15	30.2	838	2.0
ZZ76931		0.008	0.52	10.65	276	0.13	19.90	616	1.9
ZZ76933		<0.005	0.42	5.10	104	0.05	17.60	388	1.5
ZZ76934		<0.005	0.35	1.82	75	<0.05	7.40	219	1.4
ZZ76935		<0.005	0.39	4.39	42	<0.05	13.80	406	2.2
ZZ76936		<0.005	0.52	3.29	69	0.05	12.45	281	1.4
ZZ76937		<0.005	0.54	3.30	72	0.05	15.45	310	1.6
ZZ76938		<0.005	0.33	1.37	40	<0.05	10.80	228	1.1
ZZ76939		<0.005	0.41	1.82	41	<0.05	11.15	207	1.5
ZZ76940		<0.005	0.30	1.60	41	0.05	11.70	213	1.5
ZZ76941		<0.005	0.37	2.91	53	0.05	16.65	305	1.5
ZZ76942		<0.005	0.47	4.25	80	0.14	17.15	356	2.1
ZZ76943		<0.005	0.21	2.22	36	0.11	17.55	155	1.9
ZZ76944		0.005	0.18	1.92	40	0.10	12.90	131	1.6
ZZ76945		<0.005	0.20	1.63	44	0.09	18.95	187	1.6
ZZ76946		<0.005	0.34	3.73	34	0.11	13.60	260	1.8
ZZ76947		0.007	0.40	1.35	50	0.14	14.90	252	1.7
ZZ76948		0.008	0.64	2.63	56	0.28	14.25	307	0.9
ZZ76949		0.006	0.93	3.54	53	0.18	16.80	267	1.7
ZZ76950		0.005	0.45	1.89	47	0.19	14.10	251	1.6
ZZ76951		<0.005	0.40	2.25	49	0.21	15.15	249	1.3
ZZ76952		0.005	0.42	2.27	54	0.42	16.55	281	1.6
ZZ76953		0.007	0.47	3.74	58	0.29	14.15	258	1.8
ZZ76954		<0.005	0.11	1.34	28	0.10	16.60	138	1.3
ZZ76955		<0.005	0.11	1.31	32	0.05	14.85	108	1.6
ZZ76956		<0.005	0.15	1.37	35	0.06	29.9	98	1.6
ZZ76957		<0.005	0.36	1.75	53	0.31	17.80	232	2.7
ZZ76958		0.007	0.20	1.60	40	0.15	14.80	137	1.5
ZZ76959		0.006	0.38	1.94	56	0.38	17.85	261	2.1
ZZ76960		0.010	0.46	1.67	79	0.47	16.70	411	1.2
ZZ76961		0.006	0.42	1.72	62	0.18	15.75	276	1.2

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Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76962		0.05	0.006	1.00	0.28	16.1	<0.2	10	800	0.39	0.08	3.30	1.37	2.96	3.6	10
ZZ76963		0.10	0.007	0.60	1.12	267	<0.2	<10	590	1.09	0.20	3.35	2.14	17.45	11.2	19
ZZ76964		0.17	0.012	1.09	1.24	336	<0.2	<10	500	1.27	0.18	2.71	2.28	17.45	10.7	22
ZZ76965		0.20	0.020	0.70	1.15	289	<0.2	<10	200	1.31	0.19	6.13	4.59	19.60	12.0	21
ZZ76966		0.13	0.007	0.49	0.89	113.0	<0.2	<10	480	0.91	0.20	1.93	2.33	17.80	9.1	19
ZZ76967		0.18	0.006	0.42	0.84	70.1	<0.2	<10	490	0.76	0.17	3.27	1.94	14.25	7.3	17
ZZ76968		0.15	0.009	0.53	0.84	55.9	<0.2	10	620	0.74	0.17	3.04	1.98	14.10	7.1	17
ZZ76969		0.15	0.005	0.37	0.73	65.3	<0.2	<10	320	0.68	0.23	0.87	0.94	10.20	9.3	12
ZZ76970		0.13	0.006	0.62	0.72	34.0	<0.2	<10	470	0.88	0.24	0.37	0.77	16.40	11.3	11
ZZ76971		0.16	0.005	0.51	0.59	26.6	<0.2	<10	370	0.65	0.25	0.34	0.20	12.00	10.8	8
ZZ76972		0.09	0.006	0.40	0.56	11.1	<0.2	<10	250	0.49	0.23	0.25	0.51	13.40	9.5	8
ZZ76973		0.18	0.005	0.50	0.60	19.5	<0.2	<10	340	0.64	0.22	0.38	0.52	14.10	7.7	9
ZZ76974		0.32	0.003	0.44	0.61	18.6	<0.2	<10	330	0.58	0.24	0.29	0.59	11.20	5.6	8
ZZ76975		0.10	0.007	0.85	0.67	27.9	<0.2	<10	430	0.56	0.26	0.53	1.96	14.45	12.3	11
ZZ76976		0.20	0.024	2.61	0.69	144.5	<0.2	10	1270	0.69	0.20	0.76	3.54	12.70	7.9	28
ZZ76977		0.29	0.002	0.32	1.35	56.2	<0.2	<10	300	0.89	0.24	2.54	1.56	21.6	14.4	25
ZZ76978		0.12	0.004	0.89	0.41	12.4	<0.2	10	300	0.36	0.06	5.21	4.85	5.61	3.7	22
ZZ76979		0.14	0.002	0.92	0.67	19.6	<0.2	10	310	0.66	0.12	4.13	3.46	20.1	7.1	44
ZZ76980		0.13	0.003	0.93	0.65	26.3	<0.2	10	310	0.58	0.12	3.87	2.39	15.85	7.8	40
ZZ76981		0.14	0.003	1.45	0.46	23.0	<0.2	10	370	0.58	0.10	4.74	5.33	11.40	6.3	43
ZZ76982		0.20	0.003	0.92	0.48	21.1	<0.2	10	330	0.53	0.09	4.86	1.07	19.60	5.5	55
ZZ76983		0.12	0.005	1.52	0.47	21.4	<0.2	10	350	0.53	0.07	4.64	23.5	8.39	3.6	32
ZZ76984		0.14	0.004	1.71	0.40	22.4	<0.2	10	260	1.00	0.12	7.25	19.65	18.75	5.0	46
ZZ76985		0.21	0.003	0.50	0.95	17.4	<0.2	10	220	0.93	0.16	1.86	1.61	17.30	11.7	15
ZZ76986		0.38	0.003	0.43	1.26	50.9	<0.2	10	150	0.93	0.24	1.63	1.08	18.80	15.2	23
ZZ76987		0.16	0.001	0.14	1.01	13.2	<0.2	10	400	1.10	0.20	1.91	0.37	23.3	13.6	18
ZZ76988		0.35	0.001	0.29	0.91	16.1	<0.2	10	190	1.10	0.24	1.05	0.21	16.25	12.6	16
ZZ76989		0.19	0.002	0.10	0.94	14.2	<0.2	<10	230	0.99	0.23	1.14	0.24	11.60	10.2	17
ZZ76990		0.28	0.001	0.05	1.08	12.9	<0.2	<10	150	0.81	0.33	0.21	0.06	4.33	13.6	22
ZZ76991		0.14	<0.001	0.12	0.86	4.6	<0.2	<10	190	0.95	0.19	1.15	0.14	21.1	9.4	11
ZZ76992		0.17	0.001	0.65	1.07	9.2	<0.2	10	350	1.21	0.19	1.55	0.42	21.3	12.5	17
ZZ76993		0.26	0.001	0.25	1.00	9.6	<0.2	10	230	1.10	0.19	1.92	0.82	18.65	12.0	16
ZZ76994		0.16	0.002	0.47	0.91	18.1	<0.2	10	250	0.89	0.15	2.08	1.41	20.7	10.2	13
ZZ76995		0.18	0.001	0.42	0.90	13.8	<0.2	10	300	0.96	0.12	1.72	1.54	23.3	10.6	14
ZZ76996		0.25	0.001	1.52	0.54	23.6	<0.2	10	200	0.87	0.14	1.80	9.50	14.00	7.0	23
ZZ76997		0.19	0.006	3.01	0.36	24.0	<0.2	10	270	1.07	0.14	7.88	28.6	18.95	4.9	69
ZZ76998		0.17	0.003	1.00	0.61	25.1	<0.2	10	380	0.69	0.10	2.86	7.58	10.40	5.6	29
ZZ76999		0.15	0.004	1.91	0.56	21.3	<0.2	10	410	0.80	0.11	5.39	1.91	17.55	5.7	74
ZZ77000		0.30	0.003	0.81	1.35	57.2	<0.2	10	280	1.12	0.20	1.89	1.88	26.5	12.4	52
ZZ30001		0.14	0.002	1.39	0.49	24.9	<0.2	10	210	0.81	0.13	4.07	10.40	18.50	5.8	39

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ76962		0.35	36.6	1.34	0.80	<0.05	0.05	0.11	0.016	0.04	2.2	1.0	0.06	168	0.89	0.01
ZZ76963		1.39	35.1	2.24	3.65	0.05	0.07	1.20	0.027	0.06	8.5	10.7	0.33	800	1.71	0.01
ZZ76964		1.02	32.8	2.42	3.49	<0.05	0.05	2.24	0.027	0.07	8.4	11.0	0.32	617	1.42	0.01
ZZ76965		0.74	27.0	2.75	3.26	0.05	0.04	2.09	0.027	0.06	11.3	13.4	2.56	694	1.90	0.01
ZZ76966		0.57	36.0	2.57	2.99	<0.05	0.06	2.28	0.032	0.07	8.6	11.6	0.39	518	2.17	0.01
ZZ76967		0.46	26.1	2.13	2.59	<0.05	0.03	0.84	0.024	0.05	7.8	10.1	0.69	410	1.90	0.01
ZZ76968		0.53	25.5	1.99	2.53	<0.05	0.04	0.75	0.023	0.06	7.6	10.4	0.33	434	1.56	0.01
ZZ76969		2.80	36.0	2.52	2.48	<0.05	0.05	0.41	0.032	0.11	4.2	7.4	0.24	441	3.13	<0.01
ZZ76970		3.34	61.1	2.50	2.24	0.05	0.04	0.53	0.039	0.11	6.5	6.2	0.21	433	3.29	<0.01
ZZ76971		3.75	41.9	2.33	1.95	0.05	0.02	0.35	0.038	0.11	4.4	5.8	0.17	361	4.12	<0.01
ZZ76972		1.53	35.9	2.01	1.88	<0.05	0.02	0.24	0.034	0.11	4.9	4.2	0.08	277	3.88	<0.01
ZZ76973		2.44	49.3	2.43	2.03	0.06	0.03	0.33	0.037	0.12	5.6	6.6	0.12	243	3.99	<0.01
ZZ76974		1.50	35.0	2.81	2.08	0.05	0.02	0.27	0.036	0.11	4.7	6.0	0.11	188	4.36	0.01
ZZ76975		1.77	49.8	2.36	2.25	0.06	0.02	0.37	0.036	0.11	6.2	7.2	0.15	716	3.94	<0.01
ZZ76976		2.61	51.2	2.08	2.59	0.09	0.07	0.82	0.040	0.09	7.5	5.3	0.16	469	6.99	0.01
ZZ76977		1.00	41.9	3.73	4.60	0.11	0.08	0.30	0.037	0.10	10.9	18.9	1.43	708	13.20	0.01
ZZ76978		0.41	33.7	0.76	1.31	0.08	0.04	0.18	0.010	0.03	5.7	3.2	0.21	378	4.25	0.01
ZZ76979		0.49	46.4	1.56	2.22	0.08	0.05	0.26	0.021	0.05	17.8	7.8	0.46	395	2.40	0.01
ZZ76980		0.60	49.0	1.75	2.37	0.07	0.06	0.31	0.021	0.06	11.2	8.4	0.59	432	2.96	0.01
ZZ76981		0.56	66.7	1.25	1.88	0.08	0.06	0.35	0.017	0.06	9.2	5.8	0.54	354	4.38	0.01
ZZ76982		0.53	39.0	1.32	1.74	0.08	0.06	0.28	0.015	0.06	17.7	5.7	0.74	121	1.40	0.01
ZZ76983		0.60	54.3	0.97	1.81	0.10	0.06	0.38	0.013	0.07	10.5	5.3	0.18	103	9.28	0.01
ZZ76984		0.65	95.5	1.40	1.97	0.09	0.08	0.41	0.024	0.08	14.1	3.6	1.85	116	53.0	0.01
ZZ76985		0.90	39.6	2.62	2.80	0.08	0.11	0.13	0.035	0.15	8.9	11.4	0.32	444	3.23	0.01
ZZ76986		1.63	63.8	3.95	4.19	0.09	0.11	0.29	0.038	0.15	9.3	21.9	0.93	394	3.07	0.01
ZZ76987		0.95	25.9	3.19	3.01	0.08	0.06	0.09	0.040	0.16	9.6	13.5	0.36	463	1.39	0.01
ZZ76988		2.46	24.3	2.93	3.01	0.06	0.09	0.06	0.032	0.17	6.2	11.6	0.21	429	1.00	0.01
ZZ76989		2.36	21.2	2.66	2.93	0.05	0.07	0.05	0.030	0.15	4.8	14.4	0.34	590	0.57	0.01
ZZ76990		3.62	30.8	3.59	3.85	0.05	0.02	0.02	0.030	0.14	2.0	21.7	0.33	585	1.02	0.01
ZZ76991		0.89	16.7	2.45	2.38	0.06	0.06	0.07	0.030	0.12	7.3	11.5	0.24	728	0.43	0.01
ZZ76992		1.41	25.3	2.96	2.98	0.07	0.11	0.06	0.038	0.16	10.2	11.6	0.25	352	2.24	0.01
ZZ76993		1.10	27.2	2.91	2.95	0.07	0.08	0.08	0.037	0.19	8.6	12.7	0.43	251	2.67	0.01
ZZ76994		0.63	38.2	2.83	2.96	0.07	0.08	0.12	0.035	0.14	8.8	11.0	0.32	298	5.08	0.01
ZZ76995		0.55	25.2	2.77	2.53	0.07	0.09	0.10	0.038	0.12	10.5	7.1	0.18	284	4.93	0.01
ZZ76996		0.59	51.6	2.00	1.91	0.08	0.06	0.29	0.028	0.09	9.9	4.8	0.18	123	24.0	0.01
ZZ76997		1.15	150.5	1.25	2.17	0.12	0.09	0.55	0.022	0.12	13.9	4.3	1.43	86	50.3	0.01
ZZ76998		0.70	43.9	1.35	2.11	0.06	0.05	0.21	0.021	0.06	8.1	6.3	0.17	201	17.40	<0.01
ZZ76999		0.50	68.0	1.39	2.03	0.07	0.05	0.43	0.020	0.06	14.7	7.5	1.19	164	4.35	0.01
ZZ77000		0.80	59.4	3.15	4.12	0.08	0.09	0.33	0.034	0.08	18.4	20.6	0.46	383	6.69	0.01
ZZ30001		0.55	88.0	1.24	2.76	0.09	0.06	0.36	0.023	0.06	11.7	6.0	0.29	180	32.2	0.01

***** See Appendix Page for comments regarding this certificate *****

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76962		0.08	52.3	690	5.0	3.9	0.004	0.15	0.94	2.1	3.7	0.2	101.5	<0.01	0.04	0.7
ZZ76963		0.50	35.2	1080	35.9	8.7	0.001	0.12	1.73	2.3	1.6	0.4	32.5	<0.01	0.03	0.7
ZZ76964		0.47	32.4	1180	67.4	8.2	<0.001	0.13	1.98	2.2	2.0	0.4	27.9	<0.01	0.03	0.6
ZZ76965		0.48	42.4	1200	54.4	6.4	0.001	0.05	1.79	2.8	1.4	0.4	43.5	<0.01	0.04	0.7
ZZ76966		0.41	30.7	970	27.4	6.0	0.001	0.05	1.68	3.2	1.7	0.4	29.8	0.01	0.04	1.2
ZZ76967		0.35	26.1	920	22.4	4.9	<0.001	0.07	1.39	2.0	1.6	0.3	38.7	<0.01	0.03	0.6
ZZ76968		0.37	25.1	1060	19.7	5.8	0.002	0.12	1.59	2.1	2.5	0.3	43.9	<0.01	0.04	0.6
ZZ76969		0.22	24.9	620	21.7	12.1	0.002	0.04	1.57	3.5	1.7	0.4	25.3	<0.01	0.05	2.3
ZZ76970		0.21	32.9	680	19.2	12.3	0.002	0.04	1.58	4.4	2.6	0.4	22.0	<0.01	0.05	2.9
ZZ76971		0.17	18.1	570	17.8	14.1	0.002	0.02	1.70	3.1	2.5	0.4	18.0	<0.01	0.06	2.6
ZZ76972		0.16	15.3	600	14.1	11.3	0.002	0.03	1.62	2.7	2.4	0.4	13.9	<0.01	0.05	2.2
ZZ76973		0.20	27.2	670	17.1	11.8	0.002	0.02	1.70	3.5	2.9	0.4	22.4	<0.01	0.07	3.0
ZZ76974		0.23	17.7	670	15.5	11.9	0.002	0.02	1.53	2.8	2.4	0.4	18.5	<0.01	0.05	2.7
ZZ76975		0.36	33.7	780	18.0	13.3	0.002	0.04	1.76	3.7	3.4	0.4	31.5	<0.01	0.07	2.7
ZZ76976		0.22	53.5	1220	31.5	10.2	0.004	0.06	2.60	4.9	5.0	0.5	81.0	0.01	0.10	2.3
ZZ76977		0.49	105.5	810	26.8	10.2	0.004	0.04	1.64	6.2	3.3	0.5	42.5	0.01	0.06	3.3
ZZ76978		0.20	78.0	1080	4.1	4.4	0.010	0.19	3.98	0.9	8.4	0.2	122.5	0.01	0.05	0.2
ZZ76979		0.37	82.9	1150	8.8	5.5	0.003	0.10	2.75	2.6	3.4	0.4	112.0	0.01	0.06	0.6
ZZ76980		0.26	66.0	1180	10.6	6.4	0.005	0.10	2.46	3.2	3.2	0.4	108.0	0.01	0.06	0.9
ZZ76981		0.21	120.0	1130	7.2	5.6	0.002	0.12	3.73	2.1	4.6	0.3	124.0	0.01	0.07	0.6
ZZ76982		0.18	54.0	2500	6.3	5.5	0.004	0.10	1.94	2.2	3.4	0.3	164.5	0.01	0.06	0.7
ZZ76983		0.20	163.0	1140	6.1	6.6	0.005	0.16	7.24	1.7	7.7	0.2	95.7	0.01	0.07	0.3
ZZ76984		0.18	199.5	1360	11.3	7.7	0.006	0.12	14.75	2.0	7.2	0.5	135.0	0.01	0.12	0.6
ZZ76985		0.35	31.1	780	13.4	12.6	0.002	0.09	2.01	3.9	2.4	0.4	58.2	0.01	0.04	1.4
ZZ76986		0.43	39.2	670	20.7	11.1	0.001	0.05	1.80	7.3	1.6	0.5	38.6	<0.01	0.08	3.5
ZZ76987		0.39	29.3	560	15.7	10.9	0.001	0.05	0.48	4.9	0.8	0.5	69.1	<0.01	0.03	2.3
ZZ76988		0.42	23.0	1140	20.5	16.5	<0.001	0.09	0.42	4.2	0.8	0.5	31.2	<0.01	0.05	2.3
ZZ76989		0.51	19.1	680	16.3	13.1	<0.001	0.06	0.37	4.1	0.4	0.5	27.4	<0.01	0.02	2.2
ZZ76990		0.71	22.1	460	20.2	15.6	<0.001	0.03	0.45	2.5	0.2	0.8	14.6	<0.01	0.04	1.3
ZZ76991		0.23	15.1	530	14.4	10.7	<0.001	0.06	0.31	3.9	0.6	0.3	30.8	<0.01	0.02	2.4
ZZ76992		0.38	31.8	1350	17.1	13.1	0.001	0.11	0.93	3.4	1.6	0.5	40.1	0.01	0.07	1.7
ZZ76993		0.42	32.5	680	15.4	12.3	0.001	0.06	0.89	4.8	1.0	0.5	59.1	<0.01	0.03	2.2
ZZ76994		0.37	31.4	760	15.0	9.4	0.001	0.11	2.84	3.1	2.1	0.4	64.0	<0.01	0.04	1.0
ZZ76995		0.39	28.3	1350	11.5	10.9	0.002	0.13	1.81	3.1	3.1	0.4	62.5	0.01	0.04	1.2
ZZ76996		0.20	109.5	1000	11.7	7.7	0.013	0.09	10.35	3.0	6.1	0.4	40.1	0.01	0.09	0.8
ZZ76997		0.16	241	810	15.3	9.3	0.012	0.08	16.90	4.2	9.3	0.6	183.5	0.01	0.13	1.6
ZZ76998		0.23	118.5	760	8.3	6.2	0.007	0.11	6.90	2.0	5.1	0.4	67.1	0.01	0.09	0.4
ZZ76999		0.20	136.0	1540	7.2	6.2	0.004	0.08	3.73	2.9	4.2	0.4	152.0	0.01	0.07	0.7
ZZ77000		0.35	86.8	530	18.3	6.9	0.003	0.07	2.87	5.8	3.4	0.5	68.4	0.01	0.08	2.1
ZZ30001		0.25	100.5	650	12.9	5.9	0.007	0.13	11.65	1.7	6.6	0.5	115.0	0.01	0.11	0.3

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76962		<0.005	0.07	3.49	24	<0.05	17.55	118	2.4
ZZ76963		0.008	0.45	4.27	50	0.29	13.90	238	2.1
ZZ76964		0.007	0.76	4.50	60	0.29	13.50	351	1.4
ZZ76965		0.010	0.31	2.27	61	0.32	20.8	421	1.2
ZZ76966		0.007	0.18	1.76	66	0.14	13.45	196	2.1
ZZ76967		0.008	0.16	2.26	56	0.13	13.45	178	1.1
ZZ76968		0.008	0.20	2.75	58	0.10	13.40	169	1.4
ZZ76969		<0.005	0.42	1.27	44	0.09	8.87	211	1.8
ZZ76970		<0.005	0.48	1.68	39	0.08	16.70	212	1.2
ZZ76971		<0.005	0.36	1.27	39	0.05	10.25	112	0.7
ZZ76972		<0.005	0.26	1.20	40	<0.05	9.87	114	0.6
ZZ76973		<0.005	0.27	1.38	41	<0.05	11.75	159	1.0
ZZ76974		<0.005	0.30	1.17	43	<0.05	8.76	109	0.7
ZZ76975		<0.005	0.41	1.86	44	0.06	14.55	169	0.7
ZZ76976		<0.005	0.74	4.09	97	0.24	19.40	260	2.0
ZZ76977		0.007	0.24	2.97	65	0.12	13.00	451	2.5
ZZ76978		0.005	0.20	9.43	160	0.08	10.05	509	1.5
ZZ76979		0.008	0.19	3.28	138	0.11	22.2	379	1.6
ZZ76980		0.005	0.22	2.88	141	0.10	16.35	285	1.9
ZZ76981		<0.005	0.20	2.95	134	0.10	14.50	373	2.0
ZZ76982		0.005	0.10	4.02	97	0.11	22.7	198	1.9
ZZ76983		0.005	0.59	7.67	371	0.11	23.0	964	2.1
ZZ76984		<0.005	0.60	10.60	713	0.25	35.6	1210	2.6
ZZ76985		0.005	0.25	1.24	30	0.07	12.05	161	3.9
ZZ76986		0.008	0.36	1.13	45	0.12	11.55	168	4.1
ZZ76987		<0.005	0.17	0.63	23	0.05	9.74	93	2.6
ZZ76988		0.005	0.17	1.15	21	0.09	8.74	70	2.6
ZZ76989		0.008	0.11	0.69	19	0.14	8.96	83	1.8
ZZ76990		0.017	0.10	0.50	24	0.32	2.95	73	<0.5
ZZ76991		<0.005	0.09	0.40	15	0.05	10.00	53	1.3
ZZ76992		<0.005	0.19	1.38	34	0.05	10.75	110	3.8
ZZ76993		0.005	0.22	0.66	26	0.05	10.55	127	2.9
ZZ76994		<0.005	0.21	1.42	37	0.05	8.22	192	2.9
ZZ76995		<0.005	0.18	2.15	51	0.05	11.05	201	3.0
ZZ76996		<0.005	0.51	5.93	318	0.14	19.05	685	2.1
ZZ76997		0.005	0.45	9.60	1040	0.32	43.2	1230	4.2
ZZ76998		0.005	0.77	6.06	435	0.14	20.1	725	1.7
ZZ76999		<0.005	0.15	3.43	130	0.13	19.05	388	1.5
ZZ77000		0.005	0.31	2.32	166	0.14	24.5	300	2.9
ZZ30001		0.006	0.45	3.95	456	0.21	23.6	577	2.4

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30002		0.18	0.004	1.85	0.65	32.9	<0.2	10	330	1.14	0.15	5.00	18.20	20.5	6.0	50
ZZ30003		0.17	0.003	1.69	0.57	28.9	<0.2	10	240	1.03	0.15	7.00	18.15	18.95	6.8	45
ZZ30004		0.14	0.001	0.83	0.57	17.0	<0.2	10	250	0.56	0.10	4.37	8.08	11.20	5.5	25
ZZ30005		0.35	<0.001	0.02	1.37	9.2	<0.2	<10	480	1.88	0.31	0.07	0.07	8.87	17.1	36
ZZ30006		0.28	<0.001	0.19	1.63	18.2	<0.2	<10	250	1.43	0.40	0.06	0.13	9.54	22.8	24
ZZ30007		0.23	0.001	0.17	1.22	18.7	<0.2	<10	310	1.35	0.22	1.19	0.17	21.6	11.3	17
ZZ30008		0.31	0.001	0.15	1.17	19.0	<0.2	10	150	1.28	0.21	1.35	0.16	21.1	11.0	16
ZZ30009		0.32	0.001	0.26	0.82	11.8	<0.2	20	230	1.00	0.15	2.37	1.64	14.90	9.5	13
ZZ30010		0.23	0.002	0.51	0.72	9.8	<0.2	10	340	0.96	0.12	3.39	0.67	13.10	6.6	10
ZZ30011		0.12	0.004	0.82	0.87	8.7	<0.2	10	200	0.88	0.10	1.81	0.37	45.7	16.7	12
ZZ30012		0.21	0.004	0.24	0.88	19.5	<0.2	<10	230	0.75	0.16	1.29	0.32	31.2	13.5	13
ZZ30013		0.20	0.002	0.26	0.94	17.4	<0.2	10	170	0.68	0.17	1.83	0.60	26.0	14.2	15
ZZ30014		0.22	0.002	0.26	1.39	24.1	<0.2	<10	230	0.92	0.23	0.68	0.32	23.3	13.6	22
ZZ30015		0.29	0.001	0.47	0.77	16.1	<0.2	10	140	0.90	0.18	1.60	3.58	21.9	9.2	18
ZZ30016		0.25	0.002	0.78	0.85	21.7	<0.2	10	270	0.93	0.18	2.02	5.75	19.20	10.0	29
ZZ30017		0.27	<0.001	0.42	0.77	19.5	<0.2	10	220	0.77	0.16	2.29	2.45	15.85	8.8	19
ZZ30018		0.23	0.004	0.48	0.95	30.8	<0.2	10	280	0.87	0.20	2.42	2.01	15.95	9.8	20
ZZ30019		0.24	0.004	0.40	0.85	23.7	<0.2	10	260	0.79	0.17	2.57	2.48	15.40	10.3	19
ZZ30020		0.12	0.001	0.48	0.85	19.5	<0.2	10	210	0.86	0.17	1.73	2.31	17.10	9.8	19
ZZ30021		0.21	0.009	0.70	0.30	21.8	<0.2	<10	260	0.47	0.23	0.13	0.73	12.20	6.4	4
ZZ30022		0.21	0.006	0.68	0.40	14.8	<0.2	<10	180	0.28	0.19	0.11	0.44	9.78	4.1	6
ZZ30023		0.15	0.007	0.62	0.34	25.2	<0.2	<10	170	0.35	0.22	0.08	0.40	7.72	6.0	6
ZZ30024		0.11	0.005	0.81	0.44	17.3	<0.2	<10	330	0.46	0.21	0.49	0.78	16.75	5.1	6
ZZ30025		0.18	0.006	1.66	0.66	38.5	<0.2	<10	470	0.65	0.24	0.39	2.04	25.8	6.8	8
ZZ30026		0.13	0.004	1.05	0.48	28.4	<0.2	<10	240	0.45	0.17	0.14	0.73	11.35	4.5	7
ZZ30027		0.37	0.006	0.78	0.33	29.3	<0.2	<10	160	0.27	0.21	0.03	0.44	9.09	3.2	6
ZZ30028		0.16	0.009	1.50	0.68	512	<0.2	<10	250	0.92	0.28	0.44	1.89	19.60	13.0	13
ZZ30029		0.41	0.006	0.70	0.71	96.0	<0.2	<10	400	0.89	0.24	1.97	2.14	16.05	11.0	14
ZZ30030		0.22	0.005	0.59	0.37	139.5	<0.2	<10	140	0.52	0.24	0.04	0.76	10.65	9.0	7
ZZ30031		0.22	0.006	0.21	0.52	84.6	<0.2	<10	130	0.46	0.26	0.06	0.44	10.30	11.4	10
ZZ30032		0.21	0.005	0.52	0.59	38.7	<0.2	<10	190	0.73	0.25	0.06	1.35	16.10	13.7	8
ZZ30033		0.41	0.016	0.49	0.40	34.9	<0.2	<10	240	0.74	0.27	0.10	1.67	19.90	14.8	6
ZZ30034		0.36	0.004	0.39	0.48	27.8	<0.2	<10	200	0.47	0.24	0.04	0.73	8.79	11.1	9
ZZ30035		0.11	0.009	0.96	0.36	52.7	<0.2	<10	240	0.46	0.19	0.36	1.25	22.6	6.2	5
ZZ30036		0.16	0.003	0.47	0.60	13.5	<0.2	<10	160	0.28	0.22	0.11	0.48	8.87	2.3	8
ZZ30037		0.24	0.014	1.97	1.03	87.8	<0.2	<10	720	1.08	0.25	0.33	3.23	51.6	89.1	15
ZZ30038		0.19	0.001	0.11	1.26	35.5	<0.2	<10	280	0.67	0.27	1.01	0.80	10.30	11.6	24
ZZ30039		0.35	0.001	0.15	0.72	22.4	<0.2	<10	320	0.50	0.19	1.32	1.05	15.55	6.6	17
ZZ30040		0.18	0.001	0.20	1.03	27.5	<0.2	<10	320	0.82	0.21	1.49	0.48	7.96	10.6	20
ZZ30041		0.12	<0.001	0.14	1.55	55.4	<0.2	<10	200	0.80	0.22	3.40	0.88	18.90	7.0	24

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Finalized Date: 10-JUL-2013
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CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ30002		0.74	110.5	1.73	2.99	0.10	0.07	0.48	0.026	0.09	15.5	9.0	1.28	144	30.7	0.01
ZZ30003		0.78	107.0	1.59	2.81	0.09	0.07	0.44	0.024	0.10	13.2	8.4	1.96	246	32.8	0.02
ZZ30004		0.51	45.3	1.28	1.93	0.07	0.05	0.23	0.018	0.06	7.6	7.4	0.40	345	8.22	0.01
ZZ30005		3.40	27.9	4.10	5.37	0.06	0.02	0.02	0.037	0.22	3.7	18.0	0.41	3550	0.99	0.01
ZZ30006		3.24	57.5	3.49	5.65	0.06	0.04	0.03	0.037	0.14	3.7	27.4	0.38	2290	1.50	0.01
ZZ30007		2.05	33.1	3.12	3.63	0.07	0.10	0.07	0.034	0.12	8.4	17.0	0.36	1580	1.01	0.01
ZZ30008		1.98	27.6	3.02	3.36	0.08	0.08	0.09	0.035	0.12	12.8	18.3	0.35	715	0.73	0.01
ZZ30009		1.11	28.8	2.57	2.32	0.07	0.07	0.11	0.033	0.15	8.4	11.8	0.56	278	1.73	0.01
ZZ30010		0.58	30.9	1.95	2.12	0.05	0.06	0.11	0.026	0.11	7.2	8.5	0.22	249	1.92	0.01
ZZ30011		1.34	58.2	3.27	3.23	0.09	0.09	0.22	0.039	0.14	22.9	16.0	0.36	456	1.48	0.01
ZZ30012		0.62	41.8	2.92	3.08	0.07	0.09	0.15	0.042	0.10	11.8	11.2	0.33	385	1.10	<0.01
ZZ30013		0.76	42.5	2.98	3.32	0.06	0.08	0.12	0.042	0.12	11.8	15.7	0.56	510	1.54	<0.01
ZZ30014		0.79	43.8	3.33	4.32	0.05	0.06	0.21	0.044	0.09	10.7	23.0	0.46	453	2.41	<0.01
ZZ30015		0.58	45.6	2.65	2.44	0.07	0.07	0.15	0.039	0.13	10.9	10.5	0.43	168	7.15	<0.01
ZZ30016		0.52	56.2	2.36	2.79	0.06	0.06	0.22	0.033	0.11	11.1	11.4	0.46	336	9.92	<0.01
ZZ30017		0.43	34.0	2.18	2.43	0.06	0.06	0.19	0.032	0.09	8.5	9.7	0.27	345	7.42	<0.01
ZZ30018		0.80	43.8	2.33	2.98	0.05	0.06	0.35	0.032	0.08	9.2	13.4	0.33	435	4.14	<0.01
ZZ30019		0.57	42.5	2.26	2.60	0.05	0.05	0.23	0.027	0.08	8.1	12.1	0.34	721	3.94	<0.01
ZZ30020		0.51	39.5	2.48	2.76	0.05	0.06	0.17	0.035	0.10	8.5	11.4	0.32	281	6.51	<0.01
ZZ30021		2.26	54.5	1.91	1.18	0.05	<0.02	0.54	0.037	0.10	5.0	1.8	0.04	96	5.48	<0.01
ZZ30022		3.88	42.8	1.57	1.59	<0.05	<0.02	0.51	0.027	0.11	4.3	2.8	0.04	55	4.21	<0.01
ZZ30023		5.29	52.3	1.85	1.54	<0.05	<0.02	0.27	0.031	0.13	3.3	2.9	0.06	89	4.98	<0.01
ZZ30024		6.54	56.5	1.68	1.47	0.05	<0.02	0.35	0.033	0.12	6.6	2.5	0.12	90	3.42	<0.01
ZZ30025		14.85	76.0	2.38	2.27	0.10	0.02	0.37	0.038	0.14	9.2	2.5	0.13	138	4.20	<0.01
ZZ30026		13.20	46.4	1.77	1.45	<0.05	<0.02	0.34	0.029	0.11	4.5	1.5	0.06	72	3.83	<0.01
ZZ30027		14.90	48.0	1.60	1.17	<0.05	0.02	0.41	0.034	0.10	3.7	1.1	0.02	46	3.83	<0.01
ZZ30028		15.65	67.5	3.07	2.38	0.07	0.04	0.99	0.044	0.15	8.0	6.5	0.23	399	4.45	<0.01
ZZ30029		3.35	52.1	2.65	2.43	0.05	0.06	0.49	0.035	0.12	8.2	7.9	0.85	537	5.50	<0.01
ZZ30030		19.35	60.8	2.56	1.77	<0.05	<0.02	0.14	0.036	0.11	4.1	1.3	0.04	137	5.96	<0.01
ZZ30031		10.25	44.7	2.46	2.29	<0.05	<0.02	0.12	0.034	0.11	4.9	2.6	0.07	490	4.31	<0.01
ZZ30032		12.95	84.1	2.94	1.68	0.05	0.02	0.13	0.045	0.11	6.2	3.3	0.05	354	5.86	<0.01
ZZ30033		12.15	81.8	2.78	1.38	0.06	0.02	0.20	0.045	0.13	7.5	2.5	0.04	465	6.39	<0.01
ZZ30034		8.93	63.8	2.46	2.05	<0.05	<0.02	0.19	0.036	0.13	3.7	2.8	0.04	282	6.16	<0.01
ZZ30035		3.89	60.2	1.95	1.23	0.08	<0.02	1.18	0.035	0.14	8.2	2.1	0.07	89	4.46	0.01
ZZ30036		3.13	23.8	1.31	2.16	<0.05	<0.02	0.32	0.019	0.10	3.9	2.9	0.07	42	3.57	<0.01
ZZ30037		2.45	73.4	5.89	2.71	0.12	0.06	0.67	0.058	0.07	16.6	4.3	0.10	5980	8.53	<0.01
ZZ30038		1.32	17.6	3.21	3.98	<0.05	0.02	0.05	0.042	0.07	6.3	25.8	0.19	421	1.32	<0.01
ZZ30039		1.10	17.8	1.88	2.94	0.05	0.02	0.07	0.028	0.06	14.5	4.9	0.07	301	1.17	<0.01
ZZ30040		0.92	23.5	3.00	3.12	<0.05	0.04	0.10	0.038	0.08	5.8	17.2	0.24	216	1.03	<0.01
ZZ30041		0.68	13.1	2.21	4.77	<0.05	0.02	0.12	0.030	0.03	12.0	9.7	0.26	411	0.72	0.01

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CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30002		0.28	227	1090	14.4	8.7	0.007	0.10	12.90	2.9	6.7	0.6	105.5	0.01	0.11	0.6
ZZ30003		0.27	242	970	13.8	8.4	0.010	0.09	14.05	3.4	6.9	0.5	155.0	0.01	0.11	1.1
ZZ30004		0.28	144.0	990	8.2	6.6	0.010	0.17	6.34	1.6	6.9	0.3	98.9	0.01	0.07	0.3
ZZ30005		0.52	26.9	120	19.9	27.5	<0.001	0.01	0.34	6.9	0.3	1.2	12.4	<0.01	0.04	6.2
ZZ30006		0.57	23.2	450	61.8	20.2	<0.001	0.03	0.39	4.0	0.5	0.8	6.6	<0.01	0.05	2.8
ZZ30007		0.37	21.3	930	20.9	13.1	<0.001	0.08	0.39	5.0	0.7	0.5	25.6	0.01	0.03	2.0
ZZ30008		0.29	23.1	790	18.6	13.3	<0.001	0.07	0.41	5.1	0.7	0.4	27.8	0.01	0.03	1.8
ZZ30009		0.30	28.1	1050	12.7	14.6	<0.001	0.14	0.86	3.2	2.1	0.4	108.0	0.01	0.03	0.9
ZZ30010		0.31	24.2	870	8.4	8.3	0.001	0.14	1.57	2.0	2.3	0.3	98.4	<0.01	0.03	0.6
ZZ30011		0.32	27.8	1600	12.6	8.3	0.004	0.13	0.79	7.2	1.7	0.4	70.4	0.01	0.03	1.9
ZZ30012		0.39	21.3	820	14.1	7.1	0.001	0.10	0.59	6.0	1.3	0.4	45.4	<0.01	0.05	1.5
ZZ30013		0.41	23.2	1270	14.2	8.1	0.002	0.08	1.03	6.2	1.7	0.4	69.1	<0.01	0.05	2.1
ZZ30014		0.38	27.3	1100	17.9	8.7	0.001	0.05	1.27	6.9	1.5	0.5	37.9	<0.01	0.07	3.0
ZZ30015		0.36	49.6	1070	15.2	10.0	0.008	0.11	2.26	3.9	3.9	0.5	62.9	<0.01	0.05	1.8
ZZ30016		0.37	85.8	1100	12.8	7.2	0.008	0.10	3.71	3.6	4.1	0.4	63.2	<0.01	0.07	1.2
ZZ30017		0.37	53.0	610	12.8	6.6	0.008	0.11	2.61	2.8	3.7	0.4	68.6	<0.01	0.05	0.9
ZZ30018		0.43	43.0	820	15.3	9.2	0.005	0.11	1.91	2.8	3.5	0.4	75.5	<0.01	0.06	0.7
ZZ30019		0.42	43.5	800	13.0	7.1	0.006	0.12	2.04	2.7	3.9	0.3	76.8	<0.01	0.05	0.7
ZZ30020		0.39	48.2	680	13.4	8.1	0.011	0.10	2.43	3.2	3.9	0.4	59.0	<0.01	0.05	1.1
ZZ30021		0.16	37.8	600	16.1	11.2	0.003	0.03	2.69	2.6	3.9	0.3	20.0	<0.01	0.07	2.4
ZZ30022		0.23	22.3	630	12.7	13.4	0.002	0.04	1.85	2.2	2.5	0.4	9.6	<0.01	0.07	1.9
ZZ30023		0.20	28.4	540	12.0	15.0	0.003	0.03	2.01	2.1	2.8	0.4	10.8	<0.01	0.08	1.3
ZZ30024		0.20	23.1	890	12.7	14.2	0.002	0.07	1.59	2.7	3.6	0.4	30.4	<0.01	0.08	1.1
ZZ30025		0.25	47.2	920	18.8	20.3	0.001	0.10	2.28	3.6	4.5	0.4	38.1	<0.01	0.08	1.3
ZZ30026		0.21	23.9	970	13.0	19.7	0.001	0.07	1.67	2.3	2.6	0.3	13.6	<0.01	0.06	0.9
ZZ30027		0.20	20.2	550	15.2	14.0	0.001	0.03	1.73	3.0	4.0	0.4	8.3	<0.01	0.06	2.7
ZZ30028		0.30	53.8	900	38.4	19.3	0.002	0.04	2.37	5.3	4.5	0.5	29.7	<0.01	0.08	3.0
ZZ30029		0.31	43.6	800	55.9	11.5	0.002	0.04	2.15	4.3	2.5	0.4	28.3	<0.01	0.06	3.1
ZZ30030		0.21	45.0	670	22.7	16.7	0.001	0.03	2.94	3.0	3.5	0.4	12.3	<0.01	0.08	1.4
ZZ30031		0.33	26.9	820	22.6	15.3	0.001	0.03	1.97	2.1	2.2	0.4	11.8	<0.01	0.08	1.4
ZZ30032		0.18	51.7	970	22.9	15.3	0.001	0.04	2.86	3.7	3.6	0.4	20.7	<0.01	0.10	3.8
ZZ30033		0.17	52.8	1130	21.0	15.9	0.002	0.03	3.06	3.6	4.6	0.4	20.0	<0.01	0.10	4.5
ZZ30034		0.22	44.8	850	19.0	15.1	0.001	0.04	2.66	2.4	2.8	0.4	13.1	<0.01	0.08	1.6
ZZ30035		0.19	33.4	980	15.1	13.2	0.003	0.15	2.22	3.4	4.5	0.3	32.4	<0.01	0.06	1.4
ZZ30036		0.28	12.6	640	12.2	11.9	0.002	0.04	1.03	1.5	2.0	0.4	9.6	<0.01	0.05	1.6
ZZ30037		0.30	53.5	2270	21.1	14.0	0.003	0.16	2.84	6.4	7.0	0.3	21.2	<0.01	0.09	3.3
ZZ30038		0.40	30.9	870	18.1	11.8	0.001	0.05	0.35	3.2	1.0	0.5	23.6	<0.01	0.09	1.5
ZZ30039		0.43	18.6	1070	11.9	10.1	<0.001	0.06	0.39	2.9	1.3	0.4	34.7	<0.01	0.06	1.1
ZZ30040		0.22	34.4	710	15.3	8.4	0.001	0.07	0.40	3.5	1.3	0.4	27.8	<0.01	0.07	1.5
ZZ30041		0.96	20.3	1000	14.4	4.9	<0.001	0.08	0.56	1.2	1.1	0.5	32.8	<0.01	0.02	0.3

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ30002		0.006	0.75	8.20	604	0.22	35.6	1270	2.1
ZZ30003		0.006	0.90	9.98	658	0.23	31.3	1520	2.4
ZZ30004		0.006	0.46	10.60	300	0.10	13.80	1120	1.7
ZZ30005		0.016	0.19	1.61	27	0.41	7.59	61	<0.5
ZZ30006		0.010	0.17	1.24	29	0.18	6.46	74	1.0
ZZ30007		0.006	0.22	1.04	23	0.10	15.00	90	2.1
ZZ30008		0.005	0.16	0.79	23	0.08	18.15	73	1.6
ZZ30009		<0.005	0.23	1.31	20	0.06	12.15	116	2.2
ZZ30010		<0.005	0.14	1.37	21	<0.05	8.85	90	2.6
ZZ30011		<0.005	0.15	1.09	48	<0.05	17.25	70	2.2
ZZ30012		<0.005	0.13	1.00	37	<0.05	10.80	78	2.1
ZZ30013		0.006	0.12	1.02	44	<0.05	10.20	129	2.4
ZZ30014		<0.005	0.16	1.34	56	<0.05	9.98	118	1.7
ZZ30015		<0.005	0.25	2.65	112	0.05	13.95	300	2.5
ZZ30016		0.005	0.29	4.23	208	0.08	17.65	490	2.1
ZZ30017		0.005	0.24	3.65	148	0.07	12.90	333	2.0
ZZ30018		0.006	0.33	4.26	87	0.13	13.20	216	1.8
ZZ30019		0.006	0.24	5.18	90	0.07	11.85	217	1.7
ZZ30020		<0.005	0.27	2.90	132	0.06	12.20	320	2.2
ZZ30021		<0.005	0.49	1.55	27	<0.05	9.65	226	<0.5
ZZ30022		<0.005	0.44	1.24	31	<0.05	5.03	147	<0.5
ZZ30023		<0.005	0.39	0.97	33	<0.05	5.12	179	<0.5
ZZ30024		<0.005	0.35	1.75	30	<0.05	13.35	111	<0.5
ZZ30025		<0.005	0.79	2.00	44	0.06	37.5	215	<0.5
ZZ30026		<0.005	0.68	1.44	32	0.05	8.56	136	<0.5
ZZ30027		<0.005	0.44	1.67	29	<0.05	7.32	98	<0.5
ZZ30028		<0.005	1.11	1.84	48	0.16	18.05	312	1.3
ZZ30029		<0.005	0.49	1.44	67	0.11	14.40	286	2.2
ZZ30030		<0.005	0.64	1.07	45	0.07	8.36	281	<0.5
ZZ30031		0.005	0.53	0.86	47	0.08	4.09	191	<0.5
ZZ30032		<0.005	0.50	1.75	42	<0.05	12.20	311	0.5
ZZ30033		<0.005	0.39	2.16	33	<0.05	14.25	304	0.5
ZZ30034		<0.005	0.44	1.05	48	<0.05	5.10	263	<0.5
ZZ30035		<0.005	0.57	1.99	25	<0.05	19.65	155	<0.5
ZZ30036		<0.005	0.43	0.90	41	<0.05	4.33	61	<0.5
ZZ30037		<0.005	0.54	5.01	53	0.08	32.5	183	1.7
ZZ30038		<0.005	0.15	1.21	43	0.06	11.00	159	0.7
ZZ30039		0.007	0.09	2.50	35	0.08	24.5	117	0.7
ZZ30040		<0.005	0.10	0.89	30	<0.05	13.45	140	1.3
ZZ30041		0.017	0.08	13.60	64	0.15	14.65	90	0.7

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 10- JUL- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30042	0.29	0.002	0.20	1.35	103.5	<0.2	<10	340	0.80	0.21	3.05	1.84	17.45	9.6	23
ZZ30043	0.16	0.008	0.27	1.39	104.5	<0.2	<10	360	1.02	0.18	3.45	1.12	21.3	7.9	23
ZZ30044	0.26	0.004	0.34	1.52	230	<0.2	<10	290	1.21	0.24	3.82	2.94	26.2	11.3	28
ZZ30045	0.28	0.004	2.28	0.49	34.8	<0.2	10	1200	0.62	0.17	1.59	1.18	5.87	3.9	23
ZZ30046	0.15	0.007	0.58	1.10	46.6	<0.2	<10	700	0.79	0.18	2.61	0.67	14.80	9.0	22
ZZ30047	0.15	0.009	0.64	1.08	83.0	<0.2	10	650	0.90	0.20	2.66	1.46	17.35	10.0	23
ZZ30048	0.16	0.005	0.76	0.73	25.7	<0.2	10	1010	0.66	0.18	1.93	0.68	9.46	5.0	18
ZZ30049	0.14	0.001	0.58	0.96	18.0	<0.2	<10	570	0.59	0.16	2.90	0.82	8.56	6.2	18
ZZ30050	0.16	0.053	0.68	0.99	17.6	<0.2	<10	640	0.60	0.15	4.02	0.48	9.70	6.2	20
ZZ30051	0.15	0.023	0.97	0.95	19.6	<0.2	<10	600	0.65	0.16	2.97	0.62	11.30	7.3	24
ZZ30052	0.18	0.004	0.68	1.00	31.8	<0.2	<10	580	0.62	0.18	3.86	0.87	14.20	7.6	22
ZZ30053	0.19	0.001	0.56	0.47	69.5	<0.2	<10	330	0.38	0.10	3.40	0.86	10.45	5.8	14
ZZ30054	0.14	0.002	0.86	0.99	38.6	<0.2	<10	420	0.67	0.19	2.72	1.03	14.35	7.0	22
ZZ30055	0.17	0.003	0.27	0.36	40.4	<0.2	<10	290	0.35	0.05	3.91	0.49	5.51	2.8	7
ZZ30056	0.23	0.001	0.10	2.20	74.8	<0.2	<10	780	1.15	0.32	1.20	7.21	45.2	12.6	42
ZZ30057	0.37	0.002	0.60	1.86	158.0	<0.2	<10	420	1.15	0.20	0.42	0.72	24.5	11.0	42
ZZ30058	0.27	0.001	0.68	0.85	107.5	<0.2	10	330	0.54	0.15	3.57	1.31	11.45	6.0	22
ZZ30059	0.12	0.001	0.74	0.70	95.1	<0.2	10	360	0.55	0.13	3.64	1.59	9.56	7.0	21
ZZ30060	0.21	0.001	0.41	0.80	72.4	<0.2	<10	280	0.55	0.12	3.15	1.07	10.25	6.6	20
ZZ30061	0.34	0.001	0.82	0.90	77.0	<0.2	<10	400	0.74	0.14	4.68	1.07	12.55	5.8	22
ZZ30062	0.23	0.002	0.73	1.00	186.5	<0.2	10	410	0.73	0.25	2.49	0.82	15.50	7.2	28
ZZ30063	0.27	<0.001	0.36	1.11	117.5	<0.2	<10	360	0.54	0.20	4.27	1.42	17.60	10.3	24
ZZ30064	0.23	0.001	0.66	1.07	40.7	<0.2	<10	510	0.62	0.19	3.00	0.78	16.65	8.0	25
ZZ30065	0.16	0.002	0.73	0.86	52.2	<0.2	<10	690	0.54	0.20	2.03	0.45	13.40	7.2	21
ZZ30066	0.16	0.001	0.67	0.81	35.1	<0.2	<10	520	0.56	0.17	2.62	0.48	10.45	6.9	19
ZZ30067	0.24	0.001	0.67	1.03	18.4	<0.2	<10	630	0.74	0.18	2.75	0.77	11.65	7.9	23
ZZ30068	0.15	0.003	0.96	1.00	19.8	<0.2	<10	570	0.76	0.19	2.83	0.53	9.97	7.9	22
ZZ30069	0.28	0.002	0.99	0.94	22.3	<0.2	<10	510	0.69	0.17	2.87	0.47	9.94	8.0	23
ZZ30070	0.16	0.002	0.82	1.10	23.1	<0.2	<10	670	0.66	0.18	2.42	0.82	10.30	9.2	22
ZZ30071	0.13	0.001	0.45	1.39	55.8	<0.2	<10	640	0.94	0.22	1.66	0.78	15.75	12.2	25
ZZ30072	0.14	0.003	0.73	0.91	32.5	<0.2	10	1930	0.70	0.17	2.95	0.74	9.49	7.2	19
ZZ30073	0.23	0.003	0.43	1.07	30.4	<0.2	<10	630	0.63	0.18	2.26	0.78	15.10	9.8	21
ZZ30074	0.20	0.004	0.26	1.29	87.9	<0.2	<10	620	0.92	0.23	2.59	2.87	17.95	10.4	19
ZZ30075	0.30	0.005	0.29	1.45	428	<0.2	10	530	1.61	0.27	2.19	2.00	14.30	12.5	25
ZZ30076	0.39	0.002	0.09	1.71	122.0	<0.2	<10	240	1.25	0.27	1.40	3.35	28.8	12.2	29
ZZ30077	0.20	0.003	0.32	1.16	62.4	<0.2	<10	470	0.73	0.20	3.08	0.86	13.85	8.8	19
ZZ30078	0.16	<0.001	0.07	1.17	17.2	<0.2	<10	300	0.35	0.19	3.79	1.17	11.45	5.4	18
ZZ30079	0.13	0.003	0.15	0.84	12.3	<0.2	<10	460	0.46	0.12	3.55	0.37	5.54	4.9	13
ZZ30080	0.25	<0.001	0.09	1.22	39.1	<0.2	<10	140	0.66	0.28	0.38	1.07	14.90	8.7	21

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Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30042	0.93	17.8	2.28	3.98	<0.05	0.03	0.34	0.028	0.06	10.7	12.6	0.33	570	1.16	<0.01
ZZ30043	1.07	18.0	2.10	3.66	0.06	0.04	0.33	0.028	0.05	18.5	10.0	0.23	492	1.10	0.01
ZZ30044	1.36	22.0	3.26	4.50	<0.05	0.05	0.43	0.034	0.12	13.1	13.8	1.12	737	2.29	0.01
ZZ30045	0.72	42.8	2.04	1.47	0.05	0.05	0.19	0.032	0.08	4.1	2.5	0.08	72	4.34	<0.01
ZZ30046	0.62	21.7	2.28	3.17	0.05	0.05	0.26	0.027	0.07	8.9	11.7	0.28	466	1.85	0.01
ZZ30047	0.78	26.6	2.79	3.24	0.05	0.05	0.41	0.033	0.11	9.7	12.6	0.83	598	2.72	<0.01
ZZ30048	0.62	26.4	1.90	2.18	0.05	0.03	0.19	0.029	0.06	6.4	4.9	0.11	173	2.02	<0.01
ZZ30049	0.65	27.3	1.80	2.68	<0.05	0.04	0.15	0.026	0.06	6.1	9.8	0.25	186	0.97	0.01
ZZ30050	0.60	23.2	1.51	2.66	<0.05	0.05	0.16	0.023	0.04	6.8	7.7	0.16	255	0.66	0.01
ZZ30051	0.58	35.9	1.65	2.65	<0.05	0.05	0.17	0.026	0.05	8.1	8.3	0.19	458	0.58	0.01
ZZ30052	0.86	26.5	1.75	2.87	0.05	0.05	0.22	0.025	0.05	9.9	8.2	0.19	461	0.76	<0.01
ZZ30053	0.81	18.8	1.51	1.37	<0.05	0.02	0.13	0.017	0.05	7.3	3.6	0.09	392	1.54	0.01
ZZ30054	1.59	23.6	1.54	3.04	0.05	0.05	0.23	0.031	0.07	10.8	10.4	0.22	251	0.65	<0.01
ZZ30055	0.35	16.5	0.71	1.03	<0.05	0.03	0.09	0.010	0.02	3.7	1.8	0.07	216	1.09	0.01
ZZ30056	1.25	11.7	3.75	5.73	0.10	0.04	0.06	0.045	0.05	38.0	10.7	0.30	769	1.55	0.01
ZZ30057	1.39	23.5	2.85	4.15	0.07	0.05	0.19	0.037	0.09	15.6	9.0	0.15	311	6.71	<0.01
ZZ30058	0.89	20.6	1.29	2.49	<0.05	0.05	0.18	0.022	0.06	10.6	6.5	0.15	353	1.27	0.01
ZZ30059	0.68	25.2	1.24	2.13	0.05	0.03	0.17	0.021	0.04	10.1	5.3	0.23	536	1.62	0.01
ZZ30060	0.69	16.9	1.28	2.31	<0.05	0.03	0.13	0.019	0.04	8.8	5.7	0.14	444	2.41	0.01
ZZ30061	0.73	32.3	1.29	2.45	0.05	0.05	0.20	0.021	0.04	11.5	5.2	0.10	335	1.12	0.01
ZZ30062	0.98	14.8	1.89	3.19	0.07	0.06	0.25	0.041	0.09	20.7	7.9	0.17	364	1.00	0.01
ZZ30063	0.83	16.0	2.09	3.49	0.05	0.02	0.13	0.029	0.04	14.6	9.3	0.18	947	1.07	<0.01
ZZ30064	0.94	20.6	1.71	3.21	0.05	0.04	0.18	0.028	0.06	13.0	10.0	0.22	438	0.69	0.01
ZZ30065	0.90	17.0	1.88	2.61	<0.05	0.04	0.19	0.030	0.06	9.1	7.9	0.16	260	1.06	<0.01
ZZ30066	0.85	21.6	1.85	2.42	0.05	0.04	0.15	0.027	0.06	7.9	7.3	0.15	263	1.14	<0.01
ZZ30067	0.82	24.7	1.87	2.89	<0.05	0.05	0.13	0.031	0.06	9.0	10.7	0.20	350	0.46	0.01
ZZ30068	0.58	34.8	1.85	2.74	<0.05	0.04	0.17	0.029	0.05	8.0	9.5	0.18	326	0.89	<0.01
ZZ30069	0.65	29.8	1.95	2.61	<0.05	0.04	0.15	0.028	0.06	7.2	9.7	0.19	371	0.98	0.01
ZZ30070	0.72	28.8	2.13	3.11	<0.05	0.05	0.18	0.027	0.06	7.5	12.9	0.24	388	1.11	0.01
ZZ30071	0.89	25.4	3.16	4.02	<0.05	0.05	0.17	0.035	0.08	10.4	17.3	0.33	539	2.28	0.01
ZZ30072	0.67	22.9	1.98	2.66	<0.05	0.05	0.39	0.027	0.07	6.1	9.8	0.21	400	2.15	<0.01
ZZ30073	0.64	18.6	2.09	3.26	<0.05	0.04	0.16	0.026	0.07	9.1	13.3	0.28	474	1.44	<0.01
ZZ30074	0.61	30.0	2.80	3.83	<0.05	0.05	0.32	0.034	0.09	9.8	10.3	0.32	688	2.10	0.01
ZZ30075	1.67	41.5	3.24	4.42	<0.05	0.07	0.62	0.041	0.14	9.5	14.0	0.26	288	2.22	0.01
ZZ30076	0.98	18.9	3.22	5.29	0.06	0.08	0.08	0.042	0.14	20.4	13.2	0.36	409	1.77	0.01
ZZ30077	0.85	23.3	2.09	3.37	<0.05	0.04	0.31	0.033	0.07	9.6	11.2	0.24	373	0.97	0.01
ZZ30078	0.79	9.6	1.66	3.32	<0.05	0.02	0.09	0.025	0.04	7.4	10.4	0.21	337	0.64	0.01
ZZ30079	0.80	18.4	1.53	2.17	<0.05	0.04	0.11	0.025	0.05	4.7	8.0	0.17	209	0.59	0.01
ZZ30080	1.29	19.0	3.07	4.61	0.05	0.03	0.12	0.040	0.07	13.2	9.4	0.11	258	1.63	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30042		0.81	32.2	780	20.8	8.1	<0.001	0.08	0.78	2.2	1.3	0.4	29.5	<0.01	0.03	0.6
ZZ30043		0.73	32.5	1060	20.3	8.9	0.001	0.11	0.74	1.8	1.6	0.5	36.5	<0.01	0.04	0.4
ZZ30044		0.82	53.5	580	33.8	12.6	<0.001	0.04	1.24	4.2	1.5	0.5	31.9	<0.01	0.05	1.9
ZZ30045		0.19	67.0	1250	10.5	6.3	0.008	0.11	1.38	3.7	5.9	0.4	99.3	<0.01	0.11	0.8
ZZ30046		0.57	32.4	820	20.0	8.1	0.001	0.11	0.80	2.6	3.0	0.4	71.7	<0.01	0.05	0.8
ZZ30047		0.49	42.4	800	28.5	7.8	0.002	0.05	1.05	3.9	2.1	0.4	54.1	<0.01	0.05	1.8
ZZ30048		0.31	33.4	1050	14.3	6.2	0.004	0.10	0.90	2.9	3.2	0.4	72.5	<0.01	0.07	0.9
ZZ30049		0.39	52.1	720	12.4	6.9	0.004	0.16	0.49	2.7	3.2	0.3	58.0	<0.01	0.05	0.8
ZZ30050		0.47	26.6	810	11.7	5.2	0.001	0.14	0.62	1.8	2.3	0.3	87.5	<0.01	0.04	0.5
ZZ30051		0.45	34.2	920	11.1	5.6	0.003	0.14	0.62	2.1	3.5	0.3	73.6	<0.01	0.05	0.6
ZZ30052		0.58	32.7	1120	14.5	7.1	0.002	0.16	0.73	1.8	2.6	0.3	66.0	<0.01	0.05	0.4
ZZ30053		0.28	30.9	1040	7.6	6.6	0.002	0.10	0.66	1.4	2.0	0.2	52.9	<0.01	0.05	0.3
ZZ30054		0.56	25.9	810	11.6	12.4	0.005	0.13	0.62	2.8	2.9	0.4	48.4	<0.01	0.06	0.6
ZZ30055		0.24	17.8	690	3.3	1.8	0.002	0.14	0.41	0.6	1.0	<0.2	48.9	<0.01	0.04	<0.2
ZZ30056		1.40	40.4	480	26.5	9.8	0.001	0.06	0.77	6.7	2.1	0.7	17.9	0.01	0.06	2.7
ZZ30057		0.39	66.7	570	23.2	10.8	0.002	0.04	0.96	5.6	5.9	0.6	20.6	<0.01	0.07	2.5
ZZ30058		0.49	27.2	770	10.6	7.9	0.002	0.13	0.60	2.0	3.0	0.4	47.2	<0.01	0.03	0.4
ZZ30059		0.37	37.9	790	9.5	6.0	0.004	0.14	0.70	1.9	4.7	0.4	54.5	<0.01	0.05	0.2
ZZ30060		0.44	33.8	730	10.5	4.0	0.002	0.12	0.59	1.6	3.4	0.3	39.1	<0.01	0.05	0.2
ZZ30061		0.44	32.2	780	10.0	5.1	0.002	0.14	0.62	1.5	3.8	0.4	58.2	<0.01	0.02	0.2
ZZ30062		0.43	23.4	690	19.7	9.7	0.001	0.13	0.71	2.7	2.5	0.5	41.0	<0.01	0.16	0.8
ZZ30063		0.70	29.9	930	16.3	5.6	0.001	0.10	0.58	2.1	2.3	0.4	52.2	<0.01	0.08	0.4
ZZ30064		0.64	25.5	830	12.5	6.1	0.001	0.12	0.50	2.5	3.0	0.4	47.5	<0.01	0.05	0.5
ZZ30065		0.44	27.3	630	12.9	8.4	0.001	0.09	0.62	2.7	1.7	0.4	35.1	<0.01	0.09	0.8
ZZ30066		0.37	29.1	770	11.8	7.1	0.001	0.12	0.72	1.7	2.1	0.3	56.7	<0.01	0.07	0.5
ZZ30067		0.42	32.1	720	12.9	7.8	0.002	0.11	0.45	2.8	2.2	0.4	56.6	<0.01	0.05	0.8
ZZ30068		0.35	38.8	760	13.3	6.4	0.002	0.12	0.63	2.2	2.9	0.4	63.3	<0.01	0.08	0.6
ZZ30069		0.33	37.2	830	12.0	7.1	0.003	0.14	0.67	2.0	3.3	0.3	65.5	<0.01	0.07	0.6
ZZ30070		0.38	44.1	860	13.5	8.1	0.005	0.14	0.64	3.0	3.0	0.4	56.7	<0.01	0.06	1.0
ZZ30071		0.49	42.4	820	21.5	8.9	0.001	0.07	0.86	3.8	2.2	0.5	39.8	<0.01	0.05	1.5
ZZ30072		0.35	32.0	880	18.1	7.3	0.004	0.14	0.83	2.3	3.3	0.3	95.8	<0.01	0.05	0.6
ZZ30073		0.58	30.1	900	16.1	7.4	0.002	0.10	0.66	2.3	2.2	0.4	64.2	<0.01	0.04	0.8
ZZ30074		0.42	30.0	790	40.0	7.8	0.001	0.11	1.17	2.5	1.6	0.5	26.9	<0.01	0.05	0.8
ZZ30075		0.44	102.0	620	39.5	11.9	<0.001	0.07	1.89	3.7	2.3	0.7	32.7	<0.01	0.05	1.2
ZZ30076		0.65	44.8	380	24.9	12.4	<0.001	0.05	0.96	5.2	1.4	0.6	21.0	<0.01	0.05	3.3
ZZ30077		0.36	27.1	830	19.6	8.4	<0.001	0.11	0.74	2.0	1.9	0.4	36.5	<0.01	0.06	0.6
ZZ30078		0.65	11.7	1280	11.2	7.0	<0.001	0.13	0.48	0.8	0.7	0.4	32.8	0.01	0.03	0.2
ZZ30079		0.16	17.2	940	8.5	8.8	0.001	0.17	0.42	1.3	1.4	0.3	40.2	<0.01	0.03	0.4
ZZ30080		0.31	27.1	580	16.5	14.7	0.001	0.05	0.50	4.0	1.4	0.6	14.7	<0.01	0.09	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30042		0.013	0.18	2.50	54	0.20	14.85	186	0.9
ZZ30043		0.010	0.17	4.81	53	0.21	27.2	138	1.3
ZZ30044		0.016	0.41	1.24	76	0.27	15.45	344	1.3
ZZ30045		<0.005	0.18	3.29	63	0.05	24.2	212	1.6
ZZ30046		0.007	0.15	3.50	48	0.10	15.60	133	1.6
ZZ30047		0.007	0.25	1.61	59	0.14	15.80	220	1.7
ZZ30048		<0.005	0.12	4.23	67	0.07	21.8	118	1.3
ZZ30049		<0.005	0.11	1.70	37	0.06	15.25	148	1.5
ZZ30050		0.005	0.12	3.49	40	0.07	14.00	75	1.9
ZZ30051		0.005	0.12	3.06	45	0.07	18.15	109	1.5
ZZ30052		0.009	0.17	2.76	42	0.11	21.3	107	1.5
ZZ30053		0.005	0.15	2.52	26	0.05	19.75	171	0.9
ZZ30054		0.007	0.37	3.59	36	0.09	24.9	96	1.8
ZZ30055		0.007	0.06	1.85	17	0.05	10.95	58	0.9
ZZ30056		0.026	0.19	1.07	82	0.23	55.8	242	1.2
ZZ30057		<0.005	0.39	2.16	88	0.13	26.4	230	1.6
ZZ30058		0.006	0.27	3.92	37	0.08	31.9	93	1.6
ZZ30059		0.005	0.37	4.16	38	0.07	33.2	107	1.2
ZZ30060		0.007	0.27	3.11	36	0.08	23.0	106	1.1
ZZ30061		0.006	0.21	6.66	35	0.06	34.1	59	1.5
ZZ30062		<0.005	0.21	3.03	46	0.09	41.6	81	1.7
ZZ30063		0.012	0.12	1.71	47	0.15	30.2	115	0.7
ZZ30064		0.009	0.18	4.30	45	0.09	27.4	105	1.3
ZZ30065		0.007	0.21	1.43	40	0.14	18.65	102	1.2
ZZ30066		0.005	0.16	3.30	38	0.06	18.90	105	1.3
ZZ30067		<0.005	0.16	1.48	40	0.05	20.1	125	1.5
ZZ30068		<0.005	0.12	3.03	41	0.05	20.4	101	1.4
ZZ30069		<0.005	0.10	3.11	41	<0.05	18.05	117	1.3
ZZ30070		<0.005	0.14	2.83	42	0.08	17.70	151	1.6
ZZ30071		0.005	0.17	2.61	53	0.11	17.35	154	1.4
ZZ30072		<0.005	0.15	4.52	43	0.08	13.90	138	1.7
ZZ30073		0.007	0.12	2.17	42	0.15	13.35	145	1.3
ZZ30074		0.007	0.22	3.09	60	0.15	11.95	203	1.5
ZZ30075		<0.005	0.62	2.97	67	0.85	21.6	541	2.3
ZZ30076		0.010	0.31	0.87	71	0.31	28.3	201	2.5
ZZ30077		0.006	0.17	2.84	40	0.14	15.35	134	1.4
ZZ30078		0.015	0.10	2.86	42	0.14	7.45	212	0.9
ZZ30079		<0.005	0.10	1.48	21	0.05	9.44	92	1.3
ZZ30080		<0.005	0.17	1.09	51	0.08	18.85	102	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13117179

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	NSS is non-sufficient sample.
Applies to Method:	ALL METHODS
	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method:	ME-MS41
	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method:	ME-MS41

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

CERTIFICATE WH13121806

Project: Nadaleen

P.O. No.: SO13-04

This report is for 144 Soil samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ76471		0.11	0.003	0.25	1.33	17.2	<0.2	<10	260	1.02	0.24	1.32	0.60	21.8	13.3	21
ZZ76472		0.10	0.003	0.40	1.22	25.8	<0.2	<10	290	0.86	0.20	1.29	1.36	18.70	11.3	18
ZZ76473		0.21	0.003	0.36	0.97	28.9	<0.2	<10	240	0.94	0.21	1.99	1.64	18.40	10.1	17
ZZ76474		0.11	0.004	0.33	0.85	24.4	<0.2	<10	260	0.67	0.17	3.19	1.58	11.85	7.7	13
ZZ76475		0.13	0.002	0.34	0.96	34.3	<0.2	<10	240	0.80	0.21	2.05	1.35	17.50	10.5	16
ZZ76476		0.12	0.003	0.33	0.99	25.4	<0.2	<10	430	0.80	0.19	2.30	2.30	16.15	10.3	17
ZZ76477		0.15	0.007	2.00	0.37	27.4	<0.2	<10	550	0.30	0.16	0.36	1.47	6.28	1.9	12
ZZ76478		0.07	0.004	0.53	0.41	5.1	<0.2	<10	820	0.34	0.08	4.59	1.88	3.81	3.6	5
ZZ76479		0.13	0.003	0.62	0.88	27.6	<0.2	<10	490	0.73	0.17	2.77	1.87	14.60	7.7	15
ZZ76480		0.26	0.002	0.81	0.57	43.6	<0.2	<10	190	0.74	0.16	6.59	3.45	26.1	8.9	12
ZZ76481		0.29	0.001	0.09	1.55	10.7	<0.2	<10	210	1.11	0.40	0.67	0.28	12.80	14.3	26
ZZ76482		0.10	0.001	0.30	1.14	6.2	<0.2	<10	360	0.99	0.18	2.54	0.28	11.90	4.5	13
ZZ76483		0.16	<0.001	0.37	1.14	34.2	<0.2	10	450	0.99	0.24	1.22	2.14	24.3	26.0	17
ZZ76484		0.16	0.001	0.40	1.04	28.9	<0.2	<10	260	0.89	0.21	1.49	0.67	17.00	9.5	16
ZZ76485		0.17	0.002	0.58	0.91	26.7	<0.2	10	230	0.84	0.20	2.51	1.08	15.10	8.8	14
ZZ76486		0.44	0.002	0.46	0.75	53.3	<0.2	<10	140	0.96	0.27	5.16	2.11	18.55	12.7	14
ZZ76487		0.06	0.002	0.29	0.67	17.6	<0.2	10	180	0.68	0.14	2.89	3.48	12.20	6.7	14
ZZ76488		0.11	0.003	0.41	0.82	28.1	<0.2	<10	250	0.98	0.20	2.49	4.32	16.50	9.4	18
ZZ76489		0.15	0.002	0.58	1.17	35.7	<0.2	<10	240	1.07	0.25	1.62	5.69	22.5	12.2	27
ZZ76490		0.09	0.002	0.27	0.93	18.0	<0.2	<10	320	0.65	0.16	3.13	1.52	12.40	7.2	16
ZZ76491		0.10	0.001	0.92	0.68	86.3	<0.2	<10	430	0.55	0.12	2.64	3.86	19.40	2.9	23
ZZ76492		0.07	0.003	0.48	0.47	60.9	<0.2	<10	700	0.49	0.08	4.17	8.35	9.06	4.3	9
ZZ76493		0.12	0.002	0.79	1.31	248	<0.2	<10	1230	1.09	0.15	1.66	12.05	16.25	8.3	26
ZZ76494		0.32	0.004	1.08	0.86	77.6	<0.2	<10	1300	0.77	0.21	0.69	4.32	18.60	9.7	18
ZZ76495		0.18	0.002	0.59	1.07	33.0	<0.2	<10	290	0.94	0.22	2.23	3.49	20.3	10.5	26
ZZ76496		0.25	0.002	0.41	1.09	46.3	<0.2	<10	220	1.14	0.25	1.02	3.52	22.9	12.1	23
ZZ76497		0.13	0.001	0.48	0.87	29.1	<0.2	10	240	0.91	0.21	2.23	3.42	17.70	10.7	19
ZZ76498		0.18	0.002	0.53	0.81	27.3	<0.2	10	200	0.91	0.21	1.62	3.41	19.10	11.1	19
ZZ76499		0.13	0.002	0.66	0.62	30.1	<0.2	10	230	0.95	0.19	2.31	6.95	17.95	8.1	20
ZZ76500		0.12	0.004	0.45	1.05	30.6	<0.2	<10	220	0.86	0.21	1.70	1.11	18.35	10.4	17
ZZ30501		0.08	0.001	0.30	0.99	99.6	<0.2	10	250	0.92	0.24	1.54	1.02	21.0	13.0	17
ZZ30502		0.27	0.001	0.13	1.45	31.3	<0.2	<10	230	0.95	0.30	0.70	0.41	20.4	14.2	24
ZZ30503		0.33	0.002	0.13	1.71	18.1	<0.2	<10	220	1.21	0.35	0.52	0.15	21.2	12.2	28
ZZ30504		0.08	0.002	0.08	0.47	7.9	<0.2	10	220	0.50	0.08	4.22	0.38	5.89	3.4	6
ZZ30505		0.21	0.002	0.14	1.20	25.5	<0.2	<10	200	0.98	0.25	1.60	0.42	15.50	10.6	18
ZZ30506		0.10	0.001	0.25	1.09	20.7	<0.2	10	240	0.84	0.22	1.93	0.79	14.15	10.8	17
ZZ30507		0.26	0.002	0.41	1.31	27.0	<0.2	<10	260	1.17	0.27	1.00	0.81	23.1	13.5	21
ZZ30508		0.18	0.002	0.42	0.81	33.1	<0.2	<10	310	0.98	0.21	1.56	3.63	19.20	10.0	18
ZZ30509		0.13	0.002	0.36	0.90	23.0	<0.2	<10	260	0.91	0.19	1.98	2.08	17.80	8.8	17
ZZ30510		0.19	0.002	0.48	0.94	27.5	<0.2	<10	230	0.93	0.22	2.21	2.48	19.30	10.5	18

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ76471		0.87	48.7	2.88	4.24	0.05	0.07	0.23	0.030	0.10	10.2	18.8	0.46	706	1.15	<0.01
ZZ76472		0.71	55.7	2.92	3.60	<0.05	0.06	0.23	0.032	0.08	9.3	17.3	0.43	604	1.50	<0.01
ZZ76473		0.79	45.2	2.87	2.99	0.05	0.06	0.26	0.030	0.08	9.8	12.5	0.54	642	6.33	<0.01
ZZ76474		0.70	32.6	2.19	2.43	<0.05	0.04	0.23	0.022	0.07	6.5	9.8	0.37	434	3.70	0.01
ZZ76475		0.77	35.8	2.74	3.05	<0.05	0.05	0.22	0.029	0.08	9.1	13.0	0.49	522	6.43	<0.01
ZZ76476		0.61	32.7	2.42	3.12	<0.05	0.05	0.20	0.025	0.08	8.2	13.6	0.32	639	4.18	<0.01
ZZ76477		1.94	36.9	1.33	2.31	0.05	0.03	0.39	0.022	0.13	3.1	2.6	0.06	53	24.8	0.01
ZZ76478		0.88	26.8	0.73	1.17	<0.05	0.04	0.16	0.009	0.04	2.1	3.1	0.20	300	2.04	0.01
ZZ76479		1.23	46.7	2.01	2.60	<0.05	0.05	0.20	0.025	0.07	9.0	10.1	0.31	301	3.40	0.01
ZZ76480		1.28	26.6	2.27	1.83	0.05	0.03	0.18	0.026	0.10	17.3	5.6	2.62	242	10.30	0.01
ZZ76481		1.56	30.1	3.36	5.95	<0.05	0.05	0.06	0.036	0.13	4.6	24.5	0.42	514	0.60	0.01
ZZ76482		1.03	40.8	1.73	3.06	<0.05	0.07	0.18	0.026	0.09	5.7	9.3	0.30	261	0.44	0.01
ZZ76483		0.75	42.9	3.83	3.65	0.05	0.09	0.29	0.042	0.13	10.8	14.9	0.41	2700	3.18	0.01
ZZ76484		0.73	30.1	2.90	3.10	<0.05	0.06	0.24	0.032	0.10	8.3	11.6	0.38	390	4.66	0.01
ZZ76485		0.59	48.4	2.46	2.67	<0.05	0.06	0.28	0.030	0.09	9.2	10.9	0.38	510	3.63	0.01
ZZ76486		1.61	50.1	3.35	2.70	0.06	0.12	0.36	0.033	0.11	9.4	12.3	2.80	496	9.47	0.01
ZZ76487		0.58	32.9	1.73	2.02	<0.05	0.05	0.18	0.025	0.07	6.9	6.9	0.35	285	11.30	0.01
ZZ76488		0.82	49.8	2.61	2.60	<0.05	0.05	0.24	0.030	0.11	9.4	11.2	0.69	403	17.40	0.01
ZZ76489		0.75	62.0	3.04	3.71	0.06	0.08	0.28	0.031	0.12	11.9	16.6	0.53	375	13.75	0.01
ZZ76490		0.71	32.7	1.92	2.71	<0.05	0.04	0.17	0.026	0.06	6.8	12.3	0.32	596	2.93	0.01
ZZ76491		1.05	49.3	1.09	2.86	0.08	0.06	0.30	0.028	0.07	12.4	5.1	0.19	145	3.80	0.01
ZZ76492		0.86	53.0	1.14	1.11	0.05	0.04	0.15	0.015	0.05	6.3	3.2	0.19	165	5.70	0.01
ZZ76493		1.78	77.0	2.08	2.49	0.05	0.05	0.24	0.035	0.08	10.6	7.1	0.17	223	12.90	0.01
ZZ76494		2.71	54.4	3.59	2.82	0.05	0.06	0.34	0.036	0.12	7.5	11.5	0.26	1000	20.7	0.01
ZZ76495		0.77	60.1	2.92	3.47	0.05	0.06	0.24	0.031	0.11	11.2	17.0	0.52	428	8.30	0.01
ZZ76496		0.94	52.9	3.23	3.53	0.05	0.07	0.29	0.035	0.11	11.4	15.6	0.41	364	23.5	0.01
ZZ76497		0.85	53.2	2.67	2.82	0.05	0.06	0.24	0.034	0.11	9.1	12.8	0.50	402	13.05	0.01
ZZ76498		0.97	50.6	2.58	2.62	<0.05	0.06	0.25	0.032	0.11	10.1	10.9	0.31	393	12.60	0.01
ZZ76499		0.93	61.2	2.34	2.30	0.06	0.07	0.31	0.031	0.11	10.4	7.7	0.62	234	36.6	0.01
ZZ76500		0.57	40.2	2.85	3.16	<0.05	0.06	0.27	0.032	0.09	9.6	13.5	0.38	620	4.13	0.01
ZZ30501		0.90	25.6	3.35	3.20	<0.05	0.07	0.34	0.032	0.12	9.4	17.2	0.66	692	2.13	0.01
ZZ30502		1.11	42.9	3.72	4.69	<0.05	0.06	0.28	0.033	0.11	8.0	25.2	0.44	555	1.21	0.01
ZZ30503		1.67	38.1	3.62	5.90	<0.05	0.08	0.20	0.035	0.11	9.4	32.0	0.55	359	0.71	0.01
ZZ30504		0.63	28.7	0.87	1.35	<0.05	0.04	0.26	0.010	0.04	3.5	4.5	0.45	250	0.46	0.01
ZZ30505		0.93	38.4	2.84	3.69	<0.05	0.05	0.33	0.031	0.10	7.0	18.4	0.46	399	0.82	0.01
ZZ30506		0.80	39.1	2.60	3.36	<0.05	0.06	0.26	0.029	0.12	6.4	17.8	0.47	454	1.40	0.01
ZZ30507		1.17	57.0	3.30	4.21	<0.05	0.08	0.33	0.033	0.13	10.3	23.3	0.54	704	2.09	0.01
ZZ30508		0.85	51.0	2.73	2.66	<0.05	0.06	0.30	0.033	0.11	10.5	10.8	0.53	376	23.3	0.01
ZZ30509		0.70	50.1	2.55	2.65	<0.05	0.06	0.23	0.031	0.10	9.8	11.3	0.43	374	7.85	0.01
ZZ30510		0.73	45.5	2.82	2.97	0.05	0.06	0.24	0.030	0.11	10.4	13.7	0.62	501	8.58	0.01

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To: **ATAC RESOURCES LTD.**
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ76471	0.39	27.1	790	18.0	9.6	0.003	0.08	0.86	4.8	1.3	0.5	42.6	<0.01	0.05	1.7
ZZ76472	0.32	24.6	1090	17.5	7.7	0.008	0.10	1.15	4.5	1.8	0.4	45.2	<0.01	0.06	1.3
ZZ76473	0.28	37.6	920	20.6	7.5	0.004	0.09	2.52	3.4	2.7	0.4	41.0	<0.01	0.05	1.1
ZZ76474	0.29	28.6	990	15.9	6.2	0.002	0.15	1.99	1.7	2.3	0.3	61.8	<0.01	0.04	0.4
ZZ76475	0.30	34.3	760	21.3	6.7	0.004	0.08	2.67	3.2	2.3	0.4	43.0	<0.01	0.05	1.0
ZZ76476	0.35	33.2	800	17.2	8.0	0.006	0.11	2.12	2.8	3.6	0.4	57.0	<0.01	0.05	0.9
ZZ76477	0.14	13.9	510	43.0	10.5	0.009	0.24	9.52	1.9	10.8	0.5	52.8	<0.01	0.15	0.9
ZZ76478	0.22	13.0	1000	5.0	3.9	0.003	0.20	2.16	0.7	4.5	0.2	96.5	<0.01	0.02	0.3
ZZ76479	0.35	32.3	850	13.3	7.5	0.004	0.12	2.83	2.2	4.2	0.4	58.1	<0.01	0.04	0.7
ZZ76480	0.19	48.8	730	16.1	6.8	0.001	0.05	4.21	3.0	2.6	0.3	81.4	<0.01	0.04	1.5
ZZ76481	0.46	24.9	720	24.8	18.8	<0.001	0.07	0.25	4.1	0.4	0.8	29.9	<0.01	0.04	2.4
ZZ76482	0.32	18.7	1080	9.7	11.7	<0.001	0.15	0.39	2.5	0.9	0.4	86.6	<0.01	0.03	1.2
ZZ76483	0.32	34.9	950	31.6	10.3	0.022	0.10	1.08	5.1	3.8	0.5	37.4	<0.01	0.05	2.2
ZZ76484	0.30	29.7	820	24.8	9.3	0.007	0.10	1.37	3.7	2.9	0.4	29.2	<0.01	0.05	1.1
ZZ76485	0.27	49.4	1070	21.5	7.4	0.010	0.15	1.86	2.8	4.8	0.4	52.1	<0.01	0.04	0.6
ZZ76486	0.18	60.6	670	34.6	8.0	0.003	0.03	2.54	6.2	1.7	0.5	64.7	0.01	0.05	4.5
ZZ76487	0.21	46.8	870	14.1	6.0	0.002	0.15	3.70	1.7	2.6	0.3	51.4	<0.01	0.04	0.5
ZZ76488	0.25	76.5	770	17.3	8.0	0.003	0.08	5.40	3.4	2.6	0.4	42.0	<0.01	0.05	1.2
ZZ76489	0.29	78.9	720	23.2	8.2	0.003	0.07	3.98	4.7	2.6	0.5	41.5	<0.01	0.07	1.9
ZZ76490	0.30	29.2	1080	13.5	8.0	0.010	0.17	1.55	1.4	4.2	0.3	72.8	<0.01	0.04	0.4
ZZ76491	0.19	32.5	1860	10.2	8.1	0.007	0.19	5.36	1.6	7.3	0.4	229	<0.01	0.05	0.5
ZZ76492	0.18	48.5	1060	6.4	4.4	0.002	0.17	2.57	0.9	7.7	0.2	74.5	<0.01	0.02	0.2
ZZ76493	0.24	97.8	1390	13.0	9.7	0.005	0.11	5.15	3.3	5.7	0.4	100.5	<0.01	0.07	1.3
ZZ76494	0.21	52.9	1120	51.0	10.7	0.005	0.14	9.83	4.2	5.8	0.5	65.7	<0.01	0.09	2.7
ZZ76495	0.31	64.0	1030	21.2	9.3	0.008	0.09	3.91	3.7	3.7	0.5	54.6	<0.01	0.07	1.4
ZZ76496	0.28	77.9	440	24.8	9.4	0.004	0.05	4.44	5.5	2.6	0.6	27.1	<0.01	0.06	2.8
ZZ76497	0.27	64.7	890	18.2	8.5	0.003	0.08	3.92	3.8	3.0	0.4	47.1	<0.01	0.06	1.5
ZZ76498	0.24	70.7	960	20.5	8.5	0.008	0.07	4.12	4.3	2.7	0.4	39.1	<0.01	0.06	1.8
ZZ76499	0.21	110.5	890	16.5	8.5	0.007	0.09	8.62	3.6	4.0	0.5	39.8	<0.01	0.08	1.5
ZZ76500	0.31	39.0	1030	24.7	7.7	0.005	0.10	1.47	3.3	2.2	0.4	38.8	<0.01	0.05	0.9
ZZ30501	0.29	32.8	870	35.7	11.2	0.003	0.11	1.01	4.2	2.3	0.4	67.6	<0.01	0.04	2.4
ZZ30502	0.42	29.4	500	23.2	11.5	<0.001	0.04	0.56	5.4	0.5	0.6	32.1	<0.01	0.04	2.8
ZZ30503	0.50	30.1	520	17.5	14.2	<0.001	0.03	0.33	5.5	0.9	0.7	22.1	<0.01	0.03	4.0
ZZ30504	0.16	11.6	970	5.8	5.1	<0.001	0.19	0.37	0.7	0.7	0.2	81.4	<0.01	0.01	0.2
ZZ30505	0.39	23.7	870	17.6	11.0	<0.001	0.11	0.55	3.6	0.9	0.4	50.6	<0.01	0.04	0.9
ZZ30506	0.37	24.6	810	15.3	10.6	0.002	0.12	0.98	3.8	2.4	0.4	88.7	<0.01	0.04	0.9
ZZ30507	0.40	33.1	680	19.5	11.4	0.002	0.06	1.10	6.4	1.6	0.5	39.5	<0.01	0.04	3.0
ZZ30508	0.25	81.8	700	20.0	8.2	0.002	0.06	5.06	4.3	1.9	0.5	30.0	<0.01	0.04	1.8
ZZ30509	0.23	59.1	890	18.6	7.9	0.004	0.09	2.99	3.6	2.8	0.4	37.8	<0.01	0.06	1.2
ZZ30510	0.29	51.5	900	20.1	8.0	0.005	0.07	2.99	4.1	2.6	0.4	40.4	<0.01	0.05	1.5

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VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ76471		0.007	0.19	1.13	36	0.08	11.60	108	1.9
ZZ76472		0.005	0.19	1.63	45	0.07	10.75	151	1.7
ZZ76473		0.006	0.25	2.74	86	0.08	13.65	240	1.6
ZZ76474		0.006	0.23	4.01	61	0.06	8.88	182	1.4
ZZ76475		0.006	0.26	4.49	92	0.10	12.25	207	1.6
ZZ76476		0.006	0.27	2.59	93	0.07	10.90	236	1.6
ZZ76477		<0.005	1.49	1.76	174	0.16	5.69	74	1.0
ZZ76478		0.005	0.15	0.88	23	0.07	4.64	69	1.5
ZZ76479		0.006	0.31	3.16	67	0.10	13.20	203	1.7
ZZ76480		<0.005	0.52	2.58	88	0.09	21.8	359	1.2
ZZ76481		0.007	0.12	0.58	27	<0.05	5.13	101	1.4
ZZ76482		<0.005	0.12	0.75	15	<0.05	12.95	54	2.2
ZZ76483		<0.005	0.29	3.02	37	0.05	10.85	241	2.4
ZZ76484		<0.005	0.29	4.99	48	0.06	10.20	175	1.8
ZZ76485		<0.005	0.24	5.51	54	0.05	12.95	198	1.7
ZZ76486		<0.005	0.64	1.75	67	0.06	12.25	273	5.2
ZZ76487		<0.005	0.29	3.39	158	0.07	11.80	279	1.8
ZZ76488		0.005	0.43	5.02	215	0.10	16.35	472	1.8
ZZ76489		<0.005	0.44	4.13	249	0.10	19.00	431	2.5
ZZ76490		0.005	0.18	5.51	61	0.06	8.67	155	1.2
ZZ76491		<0.005	0.42	7.51	177	0.15	13.65	333	1.9
ZZ76492		0.005	0.21	1.45	77	0.09	12.15	654	1.4
ZZ76493		<0.005	0.33	6.53	299	0.25	25.4	1040	1.7
ZZ76494		<0.005	0.69	2.35	187	0.12	14.50	407	2.1
ZZ76495		0.005	0.36	3.61	206	0.11	16.75	381	2.2
ZZ76496		<0.005	0.50	3.67	247	0.11	18.05	450	2.5
ZZ76497		0.005	0.38	3.48	167	0.09	14.55	363	2.2
ZZ76498		<0.005	0.37	5.18	202	0.09	15.80	390	2.2
ZZ76499		0.005	0.68	5.26	379	0.14	21.4	748	2.5
ZZ76500		0.005	0.25	2.89	61	0.07	12.40	215	1.6
ZZ30501		0.005	0.57	1.04	53	0.05	10.50	285	2.1
ZZ30502		0.006	0.20	0.86	39	0.07	7.76	109	1.8
ZZ30503		0.007	0.19	1.09	33	0.07	11.15	95	2.0
ZZ30504		<0.005	0.14	1.23	8	<0.05	7.17	38	1.1
ZZ30505		0.006	0.23	1.11	28	0.08	9.59	101	1.5
ZZ30506		0.005	0.21	1.56	30	0.07	8.60	138	2.0
ZZ30507		0.007	0.26	1.07	37	0.07	11.45	145	2.5
ZZ30508		0.005	0.46	2.53	240	0.12	18.15	473	2.0
ZZ30509		<0.005	0.27	2.93	122	0.07	14.60	251	1.9
ZZ30510		0.005	0.27	3.11	126	0.07	14.55	299	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30511		0.08	0.003	0.35	0.86	27.2	<0.2	<10	260	0.87	0.18	2.84	2.13	14.40	7.7	16
ZZ30512		0.16	0.001	0.39	1.21	30.1	<0.2	<10	270	1.05	0.24	1.59	2.59	20.8	13.0	23
ZZ30513		0.09	0.003	1.22	0.59	10.6	<0.2	<10	1240	0.45	0.13	1.75	0.64	7.94	3.2	10
ZZ30514		0.42	0.007	3.01	0.58	94.0	<0.2	<10	460	0.34	0.35	0.03	1.16	11.35	6.9	20
ZZ30515		0.12	0.001	0.81	0.74	84.7	<0.2	<10	400	0.84	0.16	3.02	5.06	28.8	8.2	13
ZZ30516		0.06	<0.001	0.37	0.42	15.5	<0.2	10	1280	0.65	0.08	4.49	6.13	9.81	3.4	6
ZZ77511		0.10	<0.001	0.35	1.18	21.7	<0.2	<10	480	0.89	0.19	2.14	0.89	8.74	12.7	20
ZZ77512		0.19	0.002	0.73	0.84	26.6	<0.2	10	510	0.73	0.18	1.60	0.54	11.45	7.8	21
ZZ77513		0.14	<0.001	0.38	1.06	10.8	<0.2	<10	680	0.50	0.22	1.57	1.09	14.75	5.9	21
ZZ77514		0.22	0.002	0.70	1.27	92.1	<0.2	10	750	0.74	0.23	2.79	1.58	14.80	8.3	29
ZZ77515		0.13	0.002	0.84	1.21	20.2	<0.2	<10	590	0.62	0.18	2.51	0.52	18.25	8.6	25
ZZ77516		0.12	0.001	0.41	1.47	34.3	<0.2	<10	500	0.76	0.18	2.61	0.55	14.05	9.1	28
ZZ77517		0.11	0.002	0.42	1.09	106.5	<0.2	<10	430	0.62	0.17	6.88	0.92	15.40	7.8	25
ZZ77518		0.12	<0.001	0.60	0.87	67.9	<0.2	<10	430	0.61	0.13	3.21	1.20	13.65	6.8	22
ZZ77519		0.26	0.001	0.38	1.04	123.0	<0.2	<10	300	0.74	0.14	2.52	0.96	15.95	8.5	27
ZZ77520		0.18	0.001	0.32	1.53	86.0	<0.2	<10	440	0.76	0.20	1.00	0.83	19.95	7.5	34
ZZ77521		0.16	0.002	0.47	1.83	57.0	<0.2	<10	580	1.18	0.21	1.77	0.73	24.6	10.3	35
ZZ77522		0.19	0.002	0.52	1.26	43.0	<0.2	<10	490	0.74	0.18	2.33	0.65	14.50	9.3	26
ZZ77523		0.18	0.001	0.13	1.38	95.0	<0.2	<10	230	0.63	0.19	2.37	2.75	13.05	7.4	24
ZZ77524		0.25	<0.001	0.18	1.22	70.8	<0.2	<10	250	0.59	0.18	1.93	0.97	12.25	9.6	26
ZZ77525		0.25	0.002	0.86	1.03	23.2	<0.2	<10	580	0.55	0.18	2.60	0.95	18.95	8.9	22
ZZ77526		0.15	0.002	0.29	1.35	53.8	<0.2	<10	720	0.64	0.20	2.92	1.75	21.8	7.8	29
ZZ77527		0.17	<0.001	0.17	1.75	26.9	<0.2	<10	600	0.85	0.22	2.11	2.05	19.05	9.0	32
ZZ77528		0.12	0.001	0.47	1.05	18.0	<0.2	<10	560	0.66	0.15	2.43	0.39	8.38	7.4	22
ZZ77529		0.19	0.002	0.76	1.07	24.2	<0.2	<10	770	0.77	0.18	1.74	0.78	13.05	9.4	22
ZZ77530		0.11	0.002	0.36	1.03	29.3	<0.2	<10	560	0.75	0.16	2.15	0.67	10.75	9.6	21
ZZ77531		0.25	0.002	0.35	1.21	139.0	<0.2	10	410	1.19	0.26	3.55	1.42	19.70	14.5	18
ZZ77532		0.23	0.008	0.40	1.24	158.5	<0.2	<10	340	0.94	0.20	4.37	1.17	22.5	11.5	21
ZZ77533		0.13	<0.001	0.22	1.56	29.7	<0.2	<10	610	0.91	0.26	2.25	1.70	31.0	8.8	45
ZZ77534		0.27	0.001	0.30	1.31	72.0	<0.2	10	250	1.08	0.27	7.86	1.62	20.4	7.0	22
ZZ77535		0.19	0.001	0.13	2.19	102.0	<0.2	<10	200	1.02	0.28	2.18	1.63	31.3	9.9	35
ZZ77536		0.24	0.002	0.19	1.91	30.7	<0.2	<10	270	0.79	0.26	1.92	1.36	25.1	8.3	30
ZZ77537		0.25	<0.001	0.27	1.57	31.4	<0.2	<10	150	0.81	0.26	0.24	0.50	19.55	7.7	22
ZZ77538		0.26	0.004	1.11	0.49	13.7	<0.2	<10	410	0.43	0.17	0.76	0.32	8.84	5.3	14
ZZ77539		0.18	<0.001	0.06	1.23	15.5	<0.2	<10	490	0.42	0.22	0.62	0.85	13.25	7.1	23
ZZ77540		0.14	0.002	1.11	1.07	22.5	<0.2	<10	580	0.59	0.20	2.56	0.58	18.05	7.6	23
ZZ77541		0.11	<0.001	0.42	0.73	9.3	<0.2	<10	500	0.49	0.11	3.24	0.92	19.15	4.8	19
ZZ77542		0.20	<0.001	0.15	1.62	27.8	<0.2	<10	390	0.88	0.26	3.04	2.58	32.3	10.0	40
ZZ77543		0.13	0.001	0.39	1.26	43.4	<0.2	<10	430	0.81	0.22	2.37	1.09	18.45	11.0	27
ZZ77544		0.16	0.001	0.59	1.04	37.0	<0.2	10	650	0.69	0.15	3.93	1.22	16.60	8.3	24

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ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30511		0.78	38.0	2.23	2.58	<0.05	0.05	0.26	0.024	0.09	8.1	10.6	0.36	343	10.10	0.01
ZZ30512		0.65	49.5	3.13	3.87	<0.05	0.05	0.23	0.033	0.12	10.1	18.8	0.45	543	8.14	0.01
ZZ30513		1.36	30.5	1.08	1.87	<0.05	0.05	0.38	0.019	0.06	3.4	3.5	0.15	152	7.24	0.01
ZZ30514		5.36	49.2	3.88	3.89	0.08	0.02	0.24	0.046	0.29	6.0	4.6	0.07	288	122.0	0.02
ZZ30515		0.71	29.3	2.19	2.03	0.06	0.04	0.15	0.031	0.09	19.9	6.2	0.22	238	6.20	0.01
ZZ30516		0.98	55.9	0.89	1.11	0.05	0.04	0.13	0.014	0.04	6.5	2.1	0.15	210	3.38	0.01
ZZ77511		0.65	28.9	2.51	3.29	<0.05	0.06	0.10	0.029	0.06	6.8	15.4	0.23	386	1.15	<0.01
ZZ77512		0.99	22.7	2.37	2.71	0.07	0.06	0.13	0.031	0.07	8.1	9.2	0.18	251	1.60	<0.01
ZZ77513		0.95	12.1	1.99	3.85	<0.05	0.02	0.09	0.031	0.04	13.4	8.8	0.10	226	0.76	<0.01
ZZ77514		1.11	26.6	2.64	3.82	0.12	0.08	0.23	0.040	0.09	21.5	10.1	0.23	298	1.65	0.01
ZZ77515		2.84	22.6	1.94	3.52	0.09	0.06	0.19	0.032	0.08	13.6	12.6	0.29	279	0.55	0.01
ZZ77516		1.15	19.1	2.45	4.10	0.09	0.07	0.12	0.032	0.07	12.3	15.6	0.33	231	0.88	0.01
ZZ77517		1.26	17.1	1.96	3.09	0.09	0.08	0.18	0.029	0.07	18.5	10.0	0.23	394	0.94	0.01
ZZ77518		0.91	23.0	1.55	2.70	0.08	0.05	0.18	0.020	0.05	10.5	9.1	0.20	465	1.14	0.01
ZZ77519		1.00	16.2	1.89	3.12	0.10	0.07	0.13	0.023	0.04	16.6	8.5	0.18	464	5.36	0.01
ZZ77520		1.46	19.1	2.14	4.36	0.10	0.08	0.20	0.032	0.10	17.4	13.0	0.24	133	3.60	0.01
ZZ77521		2.00	23.5	2.61	4.87	0.12	0.10	0.20	0.038	0.06	21.3	13.8	0.24	310	1.78	0.01
ZZ77522		1.16	29.6	2.57	3.57	0.08	0.07	0.20	0.031	0.08	11.8	15.0	0.33	306	1.47	0.01
ZZ77523		1.60	13.0	2.43	4.36	0.09	0.06	0.06	0.032	0.06	17.5	10.6	0.16	267	1.08	<0.01
ZZ77524		0.91	13.5	2.60	3.61	0.08	0.06	0.11	0.034	0.08	13.6	15.4	0.28	239	1.36	0.01
ZZ77525		2.61	20.4	1.97	2.94	0.09	0.06	0.18	0.031	0.07	13.0	10.7	0.25	366	0.91	0.01
ZZ77526		1.20	19.3	2.50	3.62	0.12	0.07	0.11	0.038	0.05	27.6	8.6	0.19	541	1.18	0.01
ZZ77527		1.25	18.3	2.76	5.18	0.09	0.07	0.08	0.041	0.06	17.2	11.6	0.25	354	1.46	0.01
ZZ77528		0.78	24.4	2.25	3.07	0.07	0.05	0.10	0.028	0.06	6.0	12.9	0.22	218	0.87	0.01
ZZ77529		0.81	30.2	2.54	3.34	0.09	0.07	0.11	0.034	0.07	10.1	14.7	0.28	200	1.74	<0.01
ZZ77530		0.74	24.6	2.63	3.00	0.07	0.06	0.09	0.028	0.07	8.7	14.8	0.30	288	1.31	0.01
ZZ77531		1.10	41.0	3.54	4.15	<0.05	0.06	0.43	0.032	0.12	9.9	15.1	1.67	867	2.39	<0.01
ZZ77532		1.45	33.2	3.29	4.12	0.09	0.07	0.36	0.033	0.12	12.2	14.8	1.90	636	2.44	0.01
ZZ77533		1.29	16.2	3.61	4.99	0.16	0.10	0.07	0.052	0.06	40.9	15.8	0.28	365	1.03	0.01
ZZ77534		1.21	14.6	2.47	3.70	<0.05	0.07	0.11	0.037	0.09	10.9	9.1	0.18	366	1.44	<0.01
ZZ77535		1.65	17.9	3.45	6.64	0.09	0.05	0.08	0.042	0.06	26.7	14.7	0.37	578	1.14	0.02
ZZ77536		1.60	13.9	2.91	5.90	0.07	0.04	0.14	0.032	0.06	16.1	15.5	0.39	429	1.08	0.01
ZZ77537		1.95	17.7	3.16	5.28	0.08	0.05	0.07	0.036	0.06	10.3	15.1	0.09	162	1.99	0.01
ZZ77538		1.68	21.2	1.84	1.42	0.07	0.05	0.11	0.031	0.07	5.4	4.3	0.08	101	1.15	<0.01
ZZ77539		1.34	11.6	2.56	4.01	0.06	0.03	0.04	0.037	0.05	9.8	8.7	0.14	277	0.96	0.01
ZZ77540		5.04	26.1	1.95	3.40	0.08	0.07	0.19	0.032	0.07	13.5	9.5	0.22	304	0.91	0.01
ZZ77541		1.24	13.6	1.60	2.16	0.09	0.05	0.09	0.020	0.04	18.8	5.5	0.12	378	1.25	0.01
ZZ77542		0.97	17.1	3.46	4.92	0.17	0.10	0.08	0.044	0.07	46.3	11.2	0.35	758	1.17	0.01
ZZ77543		1.82	22.3	2.75	3.77	0.10	0.08	0.14	0.033	0.08	16.7	14.9	0.32	478	1.19	0.01
ZZ77544		1.64	22.1	1.89	2.82	0.08	0.07	0.22	0.028	0.07	15.2	9.2	0.23	437	1.24	0.01

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Finalized Date: 19-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ30511		0.27	53.5	910	15.4	8.4	0.011	0.15	3.81	2.3	3.3	0.3	54.1	<0.01	0.04	0.6
ZZ30512		0.35	58.2	810	22.3	9.1	0.003	0.07	2.41	4.5	2.1	0.5	40.2	<0.01	0.05	1.7
ZZ30513		0.17	19.7	1030	16.1	7.6	0.013	0.16	5.50	1.9	9.6	0.4	57.3	<0.01	0.05	0.6
ZZ30514		0.23	24.3	990	101.0	23.1	0.002	0.55	39.3	2.4	22.5	1.1	144.0	<0.01	0.53	1.7
ZZ30515		0.21	54.2	740	15.2	7.0	0.002	0.11	3.15	2.5	2.8	0.3	57.2	<0.01	0.04	0.8
ZZ30516		0.16	40.9	900	7.0	4.2	0.006	0.20	4.10	0.8	10.5	0.2	86.9	<0.01	0.03	0.2
ZZ77511		0.25	58.1	720	13.3	8.4	0.001	0.08	0.57	3.3	2.5	0.4	45.3	<0.01	0.06	0.9
ZZ77512		0.28	34.5	710	12.6	9.0	0.002	0.06	0.60	3.6	2.3	0.4	47.2	0.01	0.09	1.3
ZZ77513		0.60	18.0	810	12.6	7.5	<0.001	0.09	0.50	2.0	1.2	0.5	35.6	0.01	0.08	0.3
ZZ77514		0.50	41.6	1600	17.4	10.5	0.001	0.15	0.86	2.9	3.1	0.4	47.8	0.01	0.16	0.6
ZZ77515		0.59	34.0	720	10.9	13.6	0.002	0.10	0.46	3.8	2.9	0.4	46.2	0.01	0.05	0.8
ZZ77516		0.48	32.2	610	12.3	11.6	0.001	0.09	0.40	4.6	2.2	0.5	40.3	0.01	0.05	1.3
ZZ77517		0.44	26.4	900	12.8	10.0	0.002	0.14	0.54	3.0	3.1	0.4	59.8	0.01	0.10	0.7
ZZ77518		0.49	31.9	790	13.5	7.2	0.003	0.11	0.55	3.1	3.5	0.4	46.7	0.01	0.04	0.5
ZZ77519		0.53	48.9	500	15.0	5.0	0.001	0.07	0.77	6.4	3.9	0.5	32.3	0.01	0.04	0.8
ZZ77520		0.67	40.3	480	19.9	9.3	0.001	0.07	0.75	6.1	3.6	0.6	24.1	0.01	0.06	2.4
ZZ77521		0.77	31.6	810	20.0	10.2	0.001	0.08	0.49	6.8	3.1	0.6	36.0	0.01	0.06	1.7
ZZ77522		0.41	39.2	710	14.2	10.0	0.002	0.10	0.59	3.5	3.0	0.4	38.1	0.01	0.06	0.8
ZZ77523		0.48	24.1	640	14.5	12.6	<0.001	0.07	0.47	3.7	1.6	0.5	16.4	0.01	0.07	0.8
ZZ77524		0.39	34.9	550	14.9	8.6	0.001	0.07	0.47	4.0	1.5	0.4	29.7	0.01	0.07	1.5
ZZ77525		0.47	33.5	790	12.1	12.4	0.001	0.11	0.53	3.3	2.4	0.4	46.4	0.01	0.06	0.6
ZZ77526		0.50	29.1	1310	15.0	7.3	<0.001	0.10	0.70	2.5	2.0	0.4	43.7	0.01	0.15	0.5
ZZ77527		0.61	33.7	870	16.9	8.8	<0.001	0.07	0.62	3.5	1.5	0.6	50.7	0.01	0.09	0.8
ZZ77528		0.25	31.3	780	11.8	9.4	0.002	0.11	0.48	2.9	3.0	0.4	63.4	<0.01	0.06	0.8
ZZ77529		0.41	49.2	920	12.7	8.2	0.002	0.07	0.67	4.7	3.2	0.4	62.0	0.01	0.06	1.5
ZZ77530		0.28	37.6	860	12.3	7.9	0.002	0.11	0.63	3.6	2.3	0.3	48.2	0.01	0.05	1.1
ZZ77531		0.30	36.2	680	56.2	9.3	<0.001	0.04	1.34	4.8	1.2	0.6	31.0	<0.01	0.05	1.8
ZZ77532		0.44	42.2	890	45.6	11.4	<0.001	0.04	1.23	5.0	1.5	0.5	40.0	<0.01	0.05	2.1
ZZ77533		0.71	29.7	830	17.8	9.1	0.001	0.08	0.65	4.7	2.2	0.6	39.5	0.02	0.09	1.3
ZZ77534		0.47	23.5	720	24.5	11.7	<0.001	0.08	0.91	2.8	1.3	0.6	30.3	0.01	0.06	0.9
ZZ77535		1.04	36.5	760	25.0	12.6	<0.001	0.07	0.64	3.4	1.0	0.7	23.1	0.01	0.04	0.9
ZZ77536		0.95	21.9	1310	28.2	13.9	<0.001	0.08	0.52	2.9	1.0	0.6	21.4	0.01	0.04	0.8
ZZ77537		0.58	26.3	500	16.0	14.0	<0.001	0.05	0.63	3.9	1.2	0.7	9.9	0.01	0.09	2.4
ZZ77538		0.17	28.9	400	10.7	7.8	0.001	0.08	0.72	3.7	1.7	0.3	24.2	0.01	0.10	1.4
ZZ77539		0.59	20.4	330	17.3	8.6	<0.001	0.03	0.52	2.6	0.7	0.5	14.2	<0.01	0.10	1.1
ZZ77540		0.67	34.6	860	12.3	14.4	0.002	0.11	0.64	3.5	3.0	0.4	49.1	0.01	0.06	0.7
ZZ77541		0.33	16.9	1340	7.6	5.3	0.001	0.15	0.39	1.1	2.0	0.2	62.5	0.01	0.04	0.2
ZZ77542		0.76	27.8	1020	19.4	10.6	<0.001	0.09	0.70	4.1	2.1	0.6	36.9	0.02	0.08	0.9
ZZ77543		0.39	38.3	680	18.3	10.7	0.001	0.07	0.60	4.3	2.1	0.5	40.3	0.01	0.08	1.3
ZZ77544		0.40	33.7	830	13.9	10.0	0.002	0.13	0.52	2.6	3.7	0.4	59.0	0.01	0.06	0.5

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30511		0.005	0.39	7.96	147	0.08	13.75	269	1.8
ZZ30512		0.005	0.31	3.36	149	0.07	13.90	291	2.0
ZZ30513		<0.005	0.47	1.84	95	0.08	8.38	85	1.7
ZZ30514		<0.005	4.24	2.41	470	0.36	7.72	157	0.8
ZZ30515		<0.005	0.41	1.91	87	0.08	23.6	443	1.4
ZZ30516		<0.005	0.14	1.66	52	0.05	15.95	257	1.4
ZZ77511		<0.005	0.12	1.90	33	<0.05	25.8	210	1.6
ZZ77512		<0.005	0.14	1.32	39	0.08	20.8	151	1.9
ZZ77513		0.013	0.14	1.44	55	0.09	18.15	156	0.7
ZZ77514		0.006	0.22	2.13	53	0.14	49.3	198	1.5
ZZ77515		0.008	0.31	2.48	36	0.10	26.3	116	1.6
ZZ77516		0.005	0.15	2.40	41	0.12	23.6	97	1.6
ZZ77517		0.006	0.16	1.92	36	0.12	37.6	99	1.6
ZZ77518		0.009	0.19	2.71	40	0.09	23.3	106	1.4
ZZ77519		0.008	0.36	2.38	52	0.14	44.0	148	1.1
ZZ77520		0.008	0.46	3.55	64	0.12	36.0	151	1.9
ZZ77521		0.008	0.28	4.02	59	0.16	44.0	106	2.3
ZZ77522		<0.005	0.18	1.90	39	0.10	24.2	109	1.6
ZZ77523		0.005	0.18	0.85	45	0.09	29.8	129	0.9
ZZ77524		<0.005	0.16	1.02	40	0.25	22.4	216	1.3
ZZ77525		0.007	0.28	2.01	34	0.11	24.5	125	1.3
ZZ77526		0.010	0.16	1.14	56	0.12	47.8	167	0.9
ZZ77527		0.007	0.19	0.89	64	0.12	29.6	170	1.3
ZZ77528		<0.005	0.12	1.77	36	<0.05	14.20	97	1.5
ZZ77529		<0.005	0.15	2.12	40	0.09	23.9	144	1.7
ZZ77530		<0.005	0.11	1.78	38	0.09	18.60	137	1.4
ZZ77531		<0.005	0.55	1.67	52	0.15	13.85	253	1.6
ZZ77532		0.007	0.42	1.66	57	0.21	17.40	236	1.6
ZZ77533		0.012	0.18	0.93	61	0.17	68.0	131	1.3
ZZ77534		<0.005	0.22	0.83	39	0.10	14.45	102	1.9
ZZ77535		0.023	0.20	3.41	95	0.24	26.1	258	0.9
ZZ77536		0.021	0.13	3.81	66	0.25	16.45	87	0.7
ZZ77537		0.006	0.21	1.06	62	0.11	11.55	81	1.2
ZZ77538		<0.005	0.18	1.81	26	0.06	17.50	95	0.8
ZZ77539		0.011	0.19	0.64	65	0.08	9.33	169	0.6
ZZ77540		0.010	0.37	3.34	41	0.11	25.0	102	1.6
ZZ77541		0.008	0.12	2.10	26	0.07	29.5	59	0.7
ZZ77542		0.016	0.14	0.66	62	0.20	79.1	135	0.9
ZZ77543		0.005	0.21	1.30	44	0.10	31.7	119	1.5
ZZ77544		0.005	0.23	2.34	36	0.07	27.8	143	1.4

***** See Appendix Page for comments regarding this certificate *****

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ77545		0.18	0.003	0.65	1.01	85.3	<0.2	<10	490	0.81	0.16	3.30	1.52	20.3	7.7	22
ZZ77546		0.20	0.001	0.18	1.68	112.0	<0.2	<10	260	1.05	0.22	1.18	2.82	28.0	10.2	29
ZZ77547		0.33	0.002	0.61	0.67	139.5	<0.2	<10	370	0.57	0.13	2.70	1.85	16.90	6.0	20
ZZ77548		0.24	<0.001	0.07	1.75	133.5	<0.2	<10	550	0.87	0.22	0.78	1.75	20.8	8.2	32
ZZ77549		0.18	<0.001	0.28	1.73	49.0	<0.2	<10	540	0.65	0.23	0.84	6.38	19.00	7.7	30
ZZ77550		0.24	<0.001	0.14	1.53	30.5	<0.2	<10	460	0.97	0.24	2.14	1.55	21.9	9.1	33
ZZ77551		0.16	0.002	0.46	1.44	53.8	<0.2	<10	570	0.89	0.25	2.86	1.40	29.4	9.3	42
ZZ77552		0.15	0.001	1.00	1.01	36.9	<0.2	10	680	0.68	0.18	2.64	0.58	14.60	7.3	22
ZZ77553		0.21	0.001	0.36	1.31	33.3	<0.2	<10	450	0.74	0.25	1.90	1.62	20.5	7.3	30
ZZ77554		0.24	0.001	0.39	1.33	87.3	<0.2	<10	370	0.57	0.22	0.51	1.66	17.80	8.1	24
ZZ77555		0.24	0.004	1.71	0.58	20.0	<0.2	10	590	0.60	0.19	1.41	0.49	8.86	4.9	25
ZZ77556		0.18	0.009	4.94	0.68	27.4	<0.2	10	640	0.59	0.23	1.55	0.77	10.25	4.7	32
ZZ77557		0.22	0.005	1.25	0.71	15.2	<0.2	10	630	0.57	0.17	2.41	0.64	10.30	4.4	26
ZZ77558		0.26	0.005	2.34	0.50	50.7	<0.2	10	1340	0.62	0.18	1.15	1.29	6.03	5.6	23
ZZ77559		0.25	0.008	1.52	0.97	311	<0.2	10	890	0.93	0.20	2.24	3.03	14.25	6.5	22
ZZ77560		0.21	0.003	0.39	1.35	397	<0.2	10	280	1.09	0.22	3.90	5.70	21.6	9.2	27
ZZ77561		0.21	<0.001	0.59	1.52	99.4	<0.2	<10	390	0.88	0.22	1.24	1.49	22.8	8.2	32
ZZ77562		0.23	<0.001	0.22	1.37	45.9	<0.2	<10	320	0.74	0.23	2.13	1.84	15.00	7.0	23
ZZ77563		0.26	0.005	0.70	1.21	111.5	<0.2	<10	300	0.68	0.18	1.89	1.16	9.92	4.1	26
ZZ77564		0.25	0.002	0.46	1.47	89.5	<0.2	<10	230	1.00	0.21	2.10	1.99	17.65	7.7	28
ZZ77565		0.25	0.003	0.13	0.53	55	<0.2	10	180	0.51	0.09	22.9	0.86	10.55	3.7	10
ZZ77566		0.20	0.002	0.28	1.22	221	<0.2	<10	200	1.11	0.21	5.85	2.31	20.8	8.3	23
ZZ77567		0.26	0.010	0.91	1.18	401	<0.2	10	810	1.07	0.21	4.74	2.97	14.80	7.9	22
ZZ77568		0.18	0.004	2.10	0.42	32.9	<0.2	10	1380	0.57	0.16	1.09	1.15	5.88	4.8	21
ZZ77569		0.11	0.008	0.33	1.02	29.3	<0.2	<10	440	0.77	0.18	2.27	0.52	9.62	7.9	21
ZZ77570		0.14	0.008	1.20	0.55	14.8	<0.2	10	920	0.48	0.17	1.05	0.24	4.85	2.8	19
ZZ77571		0.14	0.005	1.87	0.63	17.7	<0.2	10	710	0.63	0.21	1.73	0.75	10.30	6.3	26
ZZ30081		0.13	0.001	0.71	0.82	22.8	<0.2	10	840	0.56	0.14	3.60	1.51	9.25	4.8	23
ZZ30082		0.24	<0.001	0.35	0.42	3.8	<0.2	<10	540	0.21	0.08	3.71	0.41	6.29	1.9	12
ZZ30083		0.11	0.004	2.33	0.63	22.7	<0.2	10	620	0.54	0.17	2.26	0.74	9.50	5.7	28
ZZ30084		0.13	0.004	2.27	0.58	29.1	<0.2	10	1160	0.57	0.17	1.30	0.69	8.41	5.3	23
ZZ30085		0.14	0.009	1.75	0.62	21.4	<0.2	10	970	0.54	0.14	2.43	0.96	6.20	4.8	20
ZZ30086		0.09	NSS	0.56	0.27	5.0	<0.2	10	680	0.19	0.05	5.07	0.92	2.08	1.8	9
ZZ30087		0.19	0.005	3.57	0.60	65.0	<0.2	10	1250	0.70	0.17	1.93	8.00	8.86	4.3	42
ZZ30088		0.29	0.006	0.82	0.93	280	<0.2	10	600	0.90	0.17	6.04	3.43	15.95	8.5	20
ZZ30089		0.22	0.011	0.40	1.26	985	<0.2	<10	320	1.10	0.19	3.13	3.04	17.10	9.1	25
ZZ30090		0.25	0.015	0.46	1.49	1425	<0.2	<10	260	1.38	0.21	4.52	3.51	23.0	19.2	28
ZZ30091		0.29	0.016	1.69	0.88	589	<0.2	20	260	1.36	0.20	1.48	5.25	13.45	8.6	32
ZZ30092		0.22	0.011	1.16	1.08	516	<0.2	<10	680	1.12	0.20	1.95	3.91	14.95	7.2	26
ZZ30093		0.27	0.006	1.21	0.80	192.5	<0.2	<10	610	0.73	0.17	2.80	3.28	14.60	6.8	20

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 19- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77545		0.61	21.0	2.31	3.23	0.10	0.07	0.65	0.027	0.10	17.9	8.7	0.38	359	3.60	0.01
ZZ77546		0.68	19.2	3.26	4.84	0.10	0.05	0.40	0.035	0.13	18.7	12.0	0.34	441	4.22	0.01
ZZ77547		0.68	18.5	1.58	2.12	0.09	0.04	0.38	0.021	0.06	25.0	6.4	0.33	375	4.89	<0.01
ZZ77548		1.15	13.9	3.07	5.29	0.05	0.03	0.26	0.036	0.06	13.1	11.7	0.26	246	3.14	0.01
ZZ77549		1.33	12.3	2.67	5.38	<0.05	0.03	0.19	0.033	0.05	12.8	13.1	0.20	244	2.24	0.01
ZZ77550		0.53	16.5	2.99	4.21	0.07	0.04	0.05	0.035	0.09	24.5	10.4	0.29	461	1.43	0.01
ZZ77551		1.25	17.1	3.02	3.99	0.11	0.03	0.14	0.040	0.05	40.8	11.3	0.27	486	1.09	0.01
ZZ77552		4.58	29.8	1.76	2.73	0.05	0.04	0.23	0.029	0.07	12.0	7.8	0.19	262	0.77	0.01
ZZ77553		0.77	16.9	2.57	3.57	0.07	0.02	0.10	0.035	0.06	23.1	8.1	0.23	361	0.94	0.01
ZZ77554		2.12	17.2	2.78	3.42	<0.05	0.03	0.08	0.037	0.06	6.9	14.6	0.13	169	2.27	0.01
ZZ77555		1.12	36.1	1.88	1.71	<0.05	0.04	0.19	0.033	0.10	6.6	3.4	0.09	154	2.07	<0.01
ZZ77556		1.32	56.8	2.67	2.09	0.06	0.04	0.37	0.043	0.19	9.0	5.0	0.11	112	3.81	0.01
ZZ77557		0.57	32.7	1.70	2.03	<0.05	0.04	0.18	0.026	0.07	7.6	5.0	0.13	160	1.03	0.01
ZZ77558		0.89	50.5	2.58	1.45	0.05	0.03	0.19	0.032	0.09	4.5	2.2	0.06	128	5.32	<0.01
ZZ77559		2.16	41.5	2.25	2.82	<0.05	0.05	0.60	0.029	0.10	9.5	8.0	0.29	201	10.50	0.01
ZZ77560		2.20	22.0	2.85	3.54	0.05	0.03	0.21	0.030	0.08	15.3	8.3	0.24	383	6.09	0.01
ZZ77561		1.56	17.3	2.84	4.32	<0.05	0.03	0.09	0.033	0.07	12.8	6.8	0.18	481	2.16	0.01
ZZ77562		1.47	14.1	2.43	4.05	<0.05	0.02	0.08	0.028	0.07	8.5	6.7	0.18	553	1.34	0.01
ZZ77563		0.82	15.4	2.09	3.17	<0.05	0.03	0.26	0.029	0.06	6.7	5.9	0.14	237	2.08	0.01
ZZ77564		0.79	19.6	2.70	3.94	<0.05	0.03	0.20	0.031	0.08	13.0	8.9	0.27	355	1.82	0.01
ZZ77565		0.63	12.8	0.93	1.42	<0.05	0.04	0.07	0.013	0.07	10.9	4.4	0.17	252	0.92	0.01
ZZ77566		1.49	19.1	2.65	3.82	<0.05	0.04	0.13	0.032	0.07	13.4	8.5	0.26	301	6.78	0.01
ZZ77567		1.42	36.9	2.82	3.29	<0.05	0.04	0.60	0.031	0.13	10.1	11.6	0.36	236	7.10	0.01
ZZ77568		0.71	45.7	2.42	1.24	0.05	0.04	0.17	0.031	0.11	4.4	1.9	0.07	98	5.00	0.01
ZZ77569		0.49	21.0	2.50	2.80	<0.05	0.04	0.15	0.029	0.07	8.5	13.8	0.22	275	0.87	0.01
ZZ77570		0.59	23.1	1.80	1.50	<0.05	0.03	0.15	0.029	0.10	3.4	2.3	0.04	80	2.91	0.01
ZZ77571		0.67	37.0	1.97	1.88	0.05	0.03	0.20	0.030	0.11	8.0	4.3	0.10	157	3.56	0.01
ZZ30081		2.41	23.4	1.43	2.21	<0.05	0.03	0.15	0.023	0.07	8.1	4.4	0.11	362	1.31	0.01
ZZ30082		0.75	10.3	0.69	1.15	<0.05	0.02	0.20	0.010	0.03	4.2	1.4	0.06	58	0.70	0.01
ZZ30083		4.51	43.6	1.87	1.76	<0.05	0.04	0.25	0.029	0.09	7.3	4.2	0.13	172	2.02	0.01
ZZ30084		0.70	44.9	2.03	1.73	<0.05	0.03	0.20	0.027	0.07	6.0	3.8	0.10	157	2.34	<0.01
ZZ30085		0.67	39.6	1.74	1.73	<0.05	0.04	0.17	0.024	0.06	4.3	4.1	0.11	197	1.81	0.01
ZZ30086		0.48	15.6	0.45	0.74	<0.05	0.04	0.18	0.008	0.03	1.5	1.2	0.07	189	1.51	0.02
ZZ30087		0.70	47.1	2.23	1.87	0.05	0.04	0.29	0.029	0.08	6.8	3.9	0.12	119	8.87	0.01
ZZ30088		2.13	44.8	2.36	2.79	<0.05	0.05	0.63	0.025	0.10	9.7	8.5	0.96	330	5.01	0.01
ZZ30089		1.63	22.4	3.43	3.65	0.05	0.03	0.42	0.027	0.07	12.8	8.4	0.24	387	5.85	0.01
ZZ30090		1.82	28.2	3.79	4.40	0.06	0.04	0.35	0.031	0.07	19.6	8.4	0.26	615	7.64	0.01
ZZ30091		3.92	55.2	3.07	3.27	0.07	0.08	0.74	0.043	0.12	8.5	7.0	0.12	228	16.05	0.01
ZZ30092		1.41	63.4	2.63	3.28	0.06	0.05	0.75	0.036	0.10	9.3	9.0	0.19	195	12.40	0.02
ZZ30093		1.18	31.9	2.14	2.50	<0.05	0.05	0.50	0.027	0.10	9.1	7.3	0.75	323	5.74	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ77545		0.51	40.3	980	54.1	9.3	0.001	0.08	1.39	3.8	3.1	0.4	53.3	0.01	0.05	0.9
ZZ77546		0.67	43.0	600	85.7	8.4	<0.001	0.05	1.73	5.5	2.7	0.6	24.0	0.01	0.05	2.2
ZZ77547		0.30	37.8	1280	27.3	6.2	0.002	0.06	1.13	2.2	6.5	0.3	58.4	<0.01	0.04	0.6
ZZ77548		0.54	36.7	520	51.0	6.3	<0.001	0.03	1.01	4.2	2.8	0.7	25.6	<0.01	0.06	1.3
ZZ77549		0.99	22.9	420	33.9	8.4	<0.001	0.05	0.63	3.3	1.7	0.6	29.3	<0.01	0.04	1.6
ZZ77550		0.45	30.9	750	19.6	6.6	<0.001	0.06	0.50	3.9	2.0	0.5	29.6	<0.01	0.09	1.1
ZZ77551		0.65	31.4	1290	17.2	10.2	0.001	0.10	0.56	2.8	3.3	0.5	44.9	0.01	0.08	0.7
ZZ77552		0.47	34.2	980	10.8	12.7	0.001	0.13	0.58	2.4	2.8	0.4	46.2	<0.01	0.06	0.4
ZZ77553		0.61	25.1	1020	15.8	6.7	<0.001	0.09	0.50	2.5	2.1	0.5	31.7	<0.01	0.14	0.6
ZZ77554		0.53	32.2	480	21.9	9.0	0.001	0.05	0.85	2.8	1.7	0.5	20.0	<0.01	0.10	1.5
ZZ77555		0.17	40.6	890	10.3	7.9	0.004	0.13	0.77	3.3	4.3	0.3	53.5	<0.01	0.09	0.8
ZZ77556		0.24	56.7	1540	16.4	13.5	0.002	0.36	1.00	4.0	6.3	0.5	90.9	<0.01	0.13	1.8
ZZ77557		0.32	32.9	1030	10.5	7.1	0.004	0.12	0.64	2.3	4.1	0.3	66.2	<0.01	0.11	0.7
ZZ77558		0.10	59.4	1450	11.0	7.4	0.008	0.10	1.49	4.5	5.8	0.4	121.5	<0.01	0.14	1.1
ZZ77559		0.33	85.3	1060	33.7	10.3	0.003	0.10	4.31	3.1	4.8	0.5	53.2	<0.01	0.14	0.9
ZZ77560		0.64	68.4	840	19.4	11.2	0.001	0.10	1.61	3.4	5.0	0.5	35.6	<0.01	0.05	0.6
ZZ77561		0.63	34.3	450	20.6	9.1	<0.001	0.05	0.55	4.0	1.8	0.6	22.3	<0.01	0.07	1.3
ZZ77562		0.77	18.9	740	25.3	9.5	<0.001	0.08	0.55	2.0	1.2	0.5	22.2	<0.01	0.04	0.5
ZZ77563		0.35	22.0	910	20.1	8.7	<0.001	0.09	0.80	2.3	1.9	0.5	23.7	<0.01	0.07	0.5
ZZ77564		0.53	29.0	1030	26.7	8.2	<0.001	0.09	0.82	2.1	1.7	0.5	20.4	<0.01	0.04	0.5
ZZ77565		0.22	18.7	1030	9.2	6.2	<0.001	0.12	0.39	1.0	1.2	0.2	112.0	<0.01	0.03	0.4
ZZ77566		0.60	54.9	670	23.2	7.8	<0.001	0.05	1.58	3.8	3.0	0.5	47.1	<0.01	0.05	1.2
ZZ77567		0.43	77.0	1140	27.8	10.2	0.002	0.17	3.64	2.4	4.4	0.5	59.5	<0.01	0.06	0.6
ZZ77568		0.08	64.8	1680	9.8	7.1	0.004	0.13	1.25	4.5	6.4	0.3	119.5	<0.01	0.12	0.9
ZZ77569		0.23	28.8	890	15.0	7.5	0.001	0.11	0.33	2.8	2.1	0.3	40.3	<0.01	0.05	0.8
ZZ77570		0.13	28.9	710	12.0	7.7	0.002	0.20	0.57	2.2	4.4	0.3	72.8	<0.01	0.14	0.8
ZZ77571		0.24	51.3	1290	13.7	8.3	0.002	0.16	0.90	3.0	4.9	0.4	67.1	<0.01	0.14	1.3
ZZ30081		0.34	25.8	1520	8.0	9.0	<0.001	0.19	0.56	1.2	3.1	0.3	60.8	<0.01	0.05	0.2
ZZ30082		0.27	9.6	1160	3.8	2.3	<0.001	0.23	0.24	0.7	1.5	0.2	85.7	<0.01	0.03	<0.2
ZZ30083		0.29	51.6	1270	8.9	11.9	0.002	0.16	0.96	2.7	5.2	0.3	66.7	<0.01	0.07	0.7
ZZ30084		0.21	48.7	870	11.1	5.9	0.004	0.10	0.72	3.6	3.8	0.4	55.0	<0.01	0.13	1.2
ZZ30085		0.20	55.8	1000	9.3	6.3	0.004	0.17	0.84	2.2	6.2	0.3	77.5	<0.01	0.09	0.5
ZZ30086		0.11	16.7	1150	2.6	2.6	0.004	0.25	0.58	0.6	10.3	<0.2	229	<0.01	0.01	0.2
ZZ30087		0.18	113.5	1730	15.1	7.1	0.011	0.16	3.13	3.2	9.0	0.4	192.0	<0.01	0.10	0.7
ZZ30088		0.38	62.2	980	42.5	10.1	0.001	0.08	2.78	3.3	3.0	0.4	65.6	<0.01	0.07	1.1
ZZ30089		0.47	86.9	1140	33.7	9.1	<0.001	0.13	1.85	2.8	2.5	0.4	28.6	<0.01	0.04	0.4
ZZ30090		0.66	112.5	1000	23.8	10.0	0.001	0.10	2.78	3.2	6.9	0.5	38.0	<0.01	0.06	0.6
ZZ30091		0.31	103.0	1090	31.4	9.7	0.001	0.18	5.60	3.6	10.5	0.6	112.0	<0.01	0.11	1.1
ZZ30092		0.25	73.6	730	35.6	7.9	0.001	0.07	5.36	4.4	4.0	0.6	71.9	<0.01	0.11	1.8
ZZ30093		0.25	53.4	960	34.7	6.7	0.001	0.07	3.15	3.2	6.1	0.4	48.8	<0.01	0.08	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77545		0.007	0.33	1.40	56	0.20	31.8	231	1.5
ZZ77546		0.008	0.63	1.18	93	0.19	21.3	328	1.1
ZZ77547		0.007	0.34	3.92	40	0.13	34.0	261	1.2
ZZ77548		0.007	0.47	1.24	107	0.17	15.80	241	0.8
ZZ77549		0.013	0.26	1.48	80	0.18	12.90	364	1.2
ZZ77550		0.008	0.13	0.43	64	0.12	40.8	129	1.0
ZZ77551		0.014	0.19	1.28	55	0.18	75.5	129	0.8
ZZ77552		0.007	0.45	4.08	38	0.09	26.2	110	1.4
ZZ77553		0.014	0.13	1.06	55	0.15	34.7	135	0.7
ZZ77554		0.005	0.27	0.77	67	0.10	8.94	216	1.0
ZZ77555		<0.005	0.15	1.46	43	<0.05	21.8	148	1.5
ZZ77556		<0.005	0.32	2.64	48	0.08	31.4	203	1.6
ZZ77557		0.005	0.11	2.80	46	0.08	18.90	117	1.5
ZZ77558		<0.005	0.18	2.80	69	0.06	28.0	239	1.4
ZZ77559		0.005	0.81	2.86	216	0.18	22.2	359	1.7
ZZ77560		0.013	0.69	1.36	92	0.30	24.4	465	1.1
ZZ77561		0.009	0.23	1.31	84	0.15	16.90	181	1.0
ZZ77562		0.014	0.16	1.58	64	0.14	9.23	158	0.8
ZZ77563		0.005	0.15	2.69	71	0.11	10.30	106	0.9
ZZ77564		0.010	0.17	2.96	69	0.21	18.60	146	0.8
ZZ77565		0.007	0.15	1.49	29	0.09	15.40	114	1.5
ZZ77566		0.009	0.34	2.16	78	0.31	19.90	337	1.3
ZZ77567		0.008	0.64	3.18	107	0.29	19.95	424	1.1
ZZ77568		<0.005	0.17	3.08	54	0.11	28.6	263	1.8
ZZ77569		<0.005	0.10	1.02	33	<0.05	17.80	122	1.3
ZZ77570		<0.005	0.12	1.99	41	<0.05	9.40	95	1.1
ZZ77571		<0.005	0.17	2.46	41	0.06	24.4	187	1.3
ZZ30081		0.006	0.21	3.00	37	0.05	21.1	127	1.3
ZZ30082		0.010	0.06	1.03	19	<0.05	6.62	44	1.1
ZZ30083		0.006	0.24	2.28	42	0.06	21.8	188	1.6
ZZ30084		<0.005	0.12	2.66	49	0.10	23.0	169	1.3
ZZ30085		<0.005	0.10	2.98	50	0.05	17.05	154	1.7
ZZ30086		<0.005	0.10	6.17	15	<0.05	6.45	29	1.8
ZZ30087		<0.005	0.41	6.00	142	0.12	27.6	493	1.8
ZZ30088		0.008	1.03	2.29	94	0.23	17.70	407	1.7
ZZ30089		0.008	0.60	4.73	97	0.28	22.1	477	0.9
ZZ30090		0.011	0.61	4.81	120	0.54	30.5	319	1.4
ZZ30091		0.005	3.88	3.91	213	0.39	20.9	636	2.3
ZZ30092		0.006	1.74	2.18	187	0.30	24.0	395	1.6
ZZ30093		0.006	0.61	2.33	80	0.21	17.80	366	1.3

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30094		0.22	0.004	0.76	1.02	103.0	<0.2	10	850	0.83	0.18	2.01	1.47	16.30	7.6	25
ZZ30095		0.19	0.005	1.29	0.83	38.0	<0.2	10	640	0.61	0.16	1.78	1.19	11.35	6.8	25
ZZ30096		0.11	0.004	0.76	0.50	14.2	<0.2	10	450	0.38	0.08	3.93	1.24	5.26	4.3	14
ZZ30097		0.25	0.004	1.16	0.77	16.0	<0.2	10	610	0.52	0.14	2.79	0.71	11.20	5.6	26
ZZ30098		0.15	0.006	2.64	0.56	20.5	<0.2	10	710	0.45	0.14	3.21	0.73	9.32	4.4	30
ZZ30099		0.18	0.001	1.21	0.61	9.9	<0.2	<10	840	0.50	0.11	2.63	0.29	7.21	3.4	17
ZZ30100		0.24	0.002	0.31	0.99	14.0	<0.2	<10	820	0.41	0.20	1.39	0.69	17.25	6.3	20
ZZ30101		0.16	0.001	0.44	1.36	47.0	<0.2	<10	640	0.76	0.23	2.14	1.01	15.05	8.3	26
ZZ30102		0.22	0.001	0.26	1.30	12.6	<0.2	<10	330	0.37	0.27	0.78	0.73	21.2	4.5	20
ZZ30103		0.18	0.002	0.21	0.80	12.5	<0.2	10	430	0.40	0.13	5.91	2.37	12.90	5.0	17
ZZ30104		0.36	0.001	0.22	1.30	20.1	<0.2	<10	440	0.75	0.20	6.38	4.34	27.2	8.9	30
ZZ30105		0.30	<0.001	0.03	0.55	65.7	<0.2	<10	120	0.16	0.16	0.07	0.26	10.35	3.5	17
ZZ30106		0.19	0.001	0.64	1.40	74.0	<0.2	<10	640	0.80	0.21	1.30	1.40	20.6	7.5	27
ZZ30107		0.29	0.002	0.59	0.75	145.5	<0.2	<10	370	0.56	0.12	2.09	2.12	14.75	6.2	24
ZZ30108		0.33	0.001	0.41	0.49	72.7	<0.2	<10	270	0.36	0.08	1.78	0.97	13.70	3.7	20
ZZ30109		0.37	0.002	0.42	0.93	125.0	<0.2	10	220	0.68	0.16	2.35	1.52	15.80	7.9	26
ZZ30110		0.31	<0.001	0.20	1.39	41.4	<0.2	<10	520	0.71	0.20	1.79	4.13	20.9	7.3	27
ZZ30111		0.18	<0.001	0.29	1.42	90.0	<0.2	<10	330	0.69	0.19	0.84	1.28	15.25	7.9	26
ZZ30112		0.25	0.005	1.29	1.25	72.3	<0.2	<10	1320	0.99	0.15	0.84	0.89	22.9	6.0	43
ZZ30113		0.21	0.001	0.22	0.69	29	<0.2	<10	710	0.47	0.19	16.15	2.36	13.15	7.2	16
ZZ30114		0.18	0.001	0.35	1.07	42.7	<0.2	<10	600	0.70	0.17	3.66	1.83	18.55	7.2	26
ZZ30115		0.16	<0.001	0.20	0.95	9.2	<0.2	<10	780	0.37	0.13	1.43	0.58	13.50	3.3	25
ZZ30116		0.21	0.002	0.28	0.84	57.3	<0.2	<10	390	0.49	0.19	2.16	1.83	16.15	7.9	21
ZZ30117		0.09	0.001	0.18	0.29	2.2	<0.2	<10	510	0.10	0.04	3.55	0.65	2.73	1.5	3

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30094		0.83	28.6	2.51	2.92	<0.05	0.04	0.45	0.028	0.05	10.3	8.3	0.21	867	3.64	0.02
ZZ30095		1.03	33.0	1.86	2.35	<0.05	0.04	0.32	0.027	0.05	7.3	6.4	0.18	315	1.50	0.02
ZZ30096		0.73	31.3	0.95	1.34	<0.05	0.04	0.13	0.014	0.03	3.5	3.0	0.15	226	0.83	0.02
ZZ30097		0.98	28.7	1.49	2.12	<0.05	0.04	0.16	0.023	0.05	7.7	5.5	0.16	275	0.60	0.02
ZZ30098		1.71	47.9	1.56	1.60	<0.05	0.06	0.27	0.026	0.07	8.3	3.5	0.09	145	2.28	0.02
ZZ30099		2.97	32.2	1.15	1.54	<0.05	0.04	0.14	0.020	0.04	4.9	2.5	0.07	205	1.52	0.02
ZZ30100		3.02	12.8	2.06	3.49	<0.05	0.02	0.06	0.027	0.04	6.5	8.0	0.16	282	1.57	0.02
ZZ30101		1.64	19.7	2.47	3.94	0.05	0.03	0.14	0.032	0.05	13.8	9.0	0.22	529	1.59	0.02
ZZ30102		1.70	11.7	2.54	6.29	<0.05	<0.02	0.05	0.024	0.04	10.5	9.1	0.14	144	1.63	0.01
ZZ30103		0.76	12.8	1.34	2.27	0.07	0.03	0.10	0.020	0.03	29.4	4.0	0.13	497	0.90	0.02
ZZ30104		0.68	18.2	2.27	3.14	0.11	0.04	0.10	0.029	0.04	55.0	6.9	0.21	957	0.85	0.02
ZZ30105		1.11	14.1	1.72	3.63	<0.05	<0.02	0.06	0.019	0.04	5.7	1.9	0.03	54	5.10	0.01
ZZ30106		1.03	16.5	2.42	4.67	<0.05	0.02	0.10	0.031	0.05	15.6	7.7	0.15	596	3.25	0.02
ZZ30107		1.02	20.5	1.49	2.23	0.07	0.04	0.19	0.020	0.05	18.8	5.6	0.14	306	3.85	0.02
ZZ30108		0.78	14.0	0.91	1.56	0.08	0.04	0.20	0.015	0.04	29.9	3.9	0.09	110	1.87	0.01
ZZ30109		0.77	22.2	2.26	2.72	0.05	0.05	0.16	0.028	0.06	13.7	7.0	0.27	374	5.65	0.02
ZZ30110		1.66	14.6	2.35	4.25	0.05	0.03	0.09	0.029	0.05	18.9	6.9	0.18	907	1.60	0.02
ZZ30111		1.31	17.0	2.62	4.03	<0.05	0.04	0.09	0.030	0.06	10.5	9.9	0.23	224	2.77	0.01
ZZ30112		1.23	20.4	2.44	2.44	0.05	0.05	0.22	0.034	0.04	13.9	5.4	0.13	173	4.83	0.02
ZZ30113		0.40	17.4	1.34	1.93	0.06	0.05	0.06	0.030	0.04	18.3	5.3	0.17	471	1.05	0.02
ZZ30114		1.41	14.4	2.28	2.91	0.07	0.03	0.12	0.033	0.04	26.1	7.9	0.16	693	0.74	0.02
ZZ30115		1.17	6.5	1.89	2.90	<0.05	0.02	0.08	0.025	0.03	12.7	7.9	0.09	163	0.88	0.02
ZZ30116		1.09	17.5	1.94	2.25	0.06	0.02	0.12	0.032	0.05	18.5	5.0	0.11	480	1.42	0.02
ZZ30117		0.52	7.9	0.31	0.90	<0.05	0.03	0.12	0.006	0.04	1.6	0.7	0.04	176	0.57	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30094		0.32	38.1	1080	31.3	6.5	0.002	0.07	1.54	2.6	3.2	0.4	110.0	<0.01	0.08	0.6
ZZ30095		0.23	43.4	1020	17.9	7.5	0.004	0.10	1.03	2.4	3.9	0.4	56.7	<0.01	0.11	0.6
ZZ30096		0.17	33.4	1090	5.8	4.4	0.002	0.23	0.78	1.0	4.6	0.2	107.0	<0.01	0.05	0.4
ZZ30097		0.29	31.1	1120	8.6	6.0	0.002	0.13	0.72	2.0	3.7	0.3	73.6	<0.01	0.08	0.5
ZZ30098		0.19	57.8	1980	7.5	7.5	0.002	0.20	1.22	1.7	7.3	0.3	94.9	<0.01	0.09	0.7
ZZ30099		0.16	31.7	1350	5.8	6.2	0.002	0.18	0.74	1.2	4.0	0.2	63.1	<0.01	0.06	0.3
ZZ30100		0.61	18.9	570	12.9	7.3	0.001	0.06	0.62	1.9	1.2	0.4	31.8	<0.01	0.06	0.9
ZZ30101		0.44	33.8	1140	16.2	10.2	<0.001	0.08	0.91	2.5	2.2	0.4	42.5	<0.01	0.13	0.5
ZZ30102		1.24	14.5	430	12.7	8.3	<0.001	0.03	0.74	2.1	0.8	0.7	22.2	<0.01	0.05	1.1
ZZ30103		0.35	14.3	1430	7.9	4.2	<0.001	0.20	0.43	0.8	2.3	0.2	77.4	<0.01	0.08	0.2
ZZ30104		0.35	21.3	1800	15.2	8.0	<0.001	0.15	0.61	1.3	3.1	0.4	64.1	0.01	0.12	0.3
ZZ30105		0.39	27.8	300	13.3	9.9	<0.001	0.02	1.32	1.6	1.6	0.6	14.3	<0.01	0.05	1.2
ZZ30106		0.52	34.5	410	27.3	7.2	0.001	0.03	0.88	3.3	2.1	0.6	39.0	<0.01	0.06	0.9
ZZ30107		0.27	43.4	710	11.6	6.3	0.002	0.05	0.99	2.8	9.1	0.4	43.8	<0.01	0.04	0.6
ZZ30108		0.13	26.8	920	11.6	4.4	0.002	0.05	0.59	1.7	7.5	0.2	41.7	<0.01	0.03	0.6
ZZ30109		0.26	51.1	780	19.8	6.3	0.001	0.05	1.34	4.8	6.1	0.4	38.0	<0.01	0.07	1.0
ZZ30110		0.64	22.5	440	14.5	8.6	<0.001	0.04	0.70	4.2	1.7	0.5	26.5	<0.01	0.06	1.0
ZZ30111		0.37	32.7	610	19.1	8.7	<0.001	0.04	1.02	4.1	2.0	0.5	27.9	<0.01	0.07	1.4
ZZ30112		0.31	46.1	750	11.8	9.0	0.001	0.04	1.33	6.5	3.9	0.4	72.6	<0.01	0.07	1.8
ZZ30113		0.21	21.1	920	14.9	4.2	<0.001	0.09	1.01	1.7	2.2	0.3	112.0	<0.01	0.16	0.7
ZZ30114		0.38	23.2	1290	14.8	7.6	<0.001	0.15	0.60	1.4	2.4	0.3	55.9	<0.01	0.07	0.3
ZZ30115		0.40	9.5	800	8.1	5.0	<0.001	0.08	0.30	1.6	1.0	0.3	33.5	<0.01	0.04	0.6
ZZ30116		0.25	28.5	1410	13.9	7.1	0.001	0.11	0.72	1.9	2.0	0.3	42.4	<0.01	0.16	0.4
ZZ30117		0.14	4.1	1130	2.1	2.0	0.001	0.24	0.22	0.3	0.7	<0.2	72.0	<0.01	0.02	<0.2

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ALS Minerals

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30094		0.008	0.22	3.87	64	0.14	20.0	181	1.2
ZZ30095		0.005	0.18	2.38	52	0.06	18.70	185	1.3
ZZ30096		<0.005	0.09	4.64	24	0.05	11.65	114	1.6
ZZ30097		0.006	0.12	2.53	44	0.16	19.15	119	1.3
ZZ30098		0.005	0.20	5.14	39	0.05	25.3	135	2.2
ZZ30099		<0.005	0.14	2.88	32	<0.05	16.75	79	1.4
ZZ30100		0.018	0.15	1.22	43	0.14	7.98	77	0.7
ZZ30101		0.010	0.29	1.69	56	0.13	32.6	151	0.9
ZZ30102		0.039	0.16	0.76	67	0.29	6.80	53	<0.5
ZZ30103		0.009	0.10	2.01	26	0.06	52.5	98	0.8
ZZ30104		0.008	0.09	0.64	46	0.13	98.8	156	0.7
ZZ30105		0.008	0.20	0.46	67	0.16	2.82	110	<0.5
ZZ30106		0.008	0.23	2.46	69	0.15	18.40	157	0.8
ZZ30107		0.006	0.38	3.04	40	0.10	40.6	164	1.3
ZZ30108		<0.005	0.18	4.24	28	0.08	29.4	85	1.4
ZZ30109		0.005	0.29	1.50	61	0.13	33.1	171	1.4
ZZ30110		0.017	0.18	1.10	68	0.21	24.1	141	0.7
ZZ30111		0.006	0.30	1.23	66	0.13	14.80	144	1.1
ZZ30112		0.006	0.35	2.47	82	0.20	25.7	131	1.9
ZZ30113		0.007	0.09	0.80	26	0.08	39.5	172	1.5
ZZ30114		0.009	0.16	2.20	40	0.09	47.3	97	0.7
ZZ30115		0.009	0.15	0.92	44	0.09	17.55	45	0.5
ZZ30116		0.009	0.13	1.45	39	0.10	32.4	138	0.6
ZZ30117		0.007	0.11	0.24	6	<0.05	2.29	25	1.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121806

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

CERTIFICATE WH13121807

Project: Nadaleen
P.O. No.: SO13-05
This report is for 153 Soil samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	WEI-21 Recvd Wt.	Au-ICP21 Au	ME-MS41 Ag	ME-MS41 Al	ME-MS41 As	ME-MS41 Au	ME-MS41 B	ME-MS41 Ba	ME-MS41 Be	ME-MS41 Bi	ME-MS41 Ca	ME-MS41 Cd	ME-MS41 Ce	ME-MS41 Co	ME-MS41 Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30118	0.13	0.001	0.33	1.08	28.1	<0.2	<10	310	0.62	0.14	2.93	1.75	17.60	6.5	22
ZZ30119	0.25	0.002	0.26	0.78	98.5	<0.2	<10	260	0.51	0.15	0.82	0.98	15.05	5.6	24
ZZ30120	0.26	0.001	0.36	1.08	105.0	<0.2	<10	310	0.60	0.17	1.17	1.21	23.0	7.4	24
ZZ30121	0.19	0.001	0.16	0.60	102.5	<0.2	<10	140	0.37	0.12	1.53	1.43	11.65	5.0	18
ZZ30122	0.17	<0.001	0.12	0.36	130.5	<0.2	<10	70	0.25	0.05	3.21	1.48	11.05	6.4	10
ZZ30123	0.20	0.003	0.13	0.51	133.0	<0.2	<10	100	0.27	0.07	3.04	1.93	8.15	9.1	13
ZZ30124	0.30	0.002	0.09	1.05	126.5	<0.2	<10	130	0.48	0.16	1.31	0.58	18.10	10.3	21
ZZ30125	0.22	0.001	0.33	0.54	103.0	<0.2	<10	170	0.37	0.08	4.41	1.68	6.01	3.4	14
ZZ30126	0.20	0.005	0.29	0.27	33.8	<0.2	<10	130	0.27	0.06	3.95	2.93	1.86	2.3	8
ZZ30127	0.23	0.002	0.31	1.22	14.9	<0.2	<10	380	0.74	0.16	2.19	6.72	19.60	16.6	33
ZZ30128	0.19	0.004	0.21	0.68	6.0	<0.2	<10	270	0.36	0.10	2.87	3.76	8.76	7.0	18
ZZ30129	0.17	0.002	0.09	0.73	4.4	<0.2	<10	200	0.38	0.11	3.04	11.30	9.07	6.4	14
ZZ30130	0.13	<0.001	0.05	1.05	6.7	<0.2	<10	160	0.36	0.15	2.00	2.93	11.50	4.2	13
ZZ30131	0.12	0.001	0.10	1.26	14.7	<0.2	<10	330	0.57	0.18	2.58	5.12	15.70	6.0	19
ZZ30132	0.12	0.001	0.09	1.11	19.5	<0.2	<10	310	0.52	0.18	2.90	6.00	16.20	20.8	21
ZZ30133	0.19	0.001	0.13	1.58	31.9	<0.2	<10	300	0.82	0.21	1.20	2.20	20.2	8.2	28
ZZ30134	0.24	0.002	0.81	0.79	24.5	<0.2	<10	670	0.53	0.15	1.83	1.70	11.05	7.9	17
ZZ30135	0.23	0.003	1.52	0.93	23.8	<0.2	<10	2140	0.73	0.20	1.19	0.99	16.60	5.4	20
ZZ30136	0.09	0.005	0.87	0.42	8.7	<0.2	<10	2630	0.40	0.11	2.77	2.41	7.07	3.1	9
ZZ30137	0.16	0.002	0.67	0.61	7.4	<0.2	<10	2610	0.48	0.11	1.52	1.29	10.15	3.3	11
ZZ30138	0.14	0.009	0.91	0.41	12.2	<0.2	<10	1550	0.48	0.11	2.85	2.34	9.32	4.9	10
ZZ30139	0.37	0.009	1.15	0.57	26.4	<0.2	<10	1130	0.84	0.19	0.55	3.59	14.05	11.9	20
ZZ30140	0.11	0.006	0.84	0.66	26.1	<0.2	<10	1360	0.73	0.16	0.70	1.26	11.00	7.1	15
ZZ30141	0.09	0.010	0.90	0.46	11.8	<0.2	<10	1240	0.71	0.06	2.19	6.92	8.30	7.5	8
ZZ30142	0.13	0.005	0.71	0.87	24.6	<0.2	<10	800	0.71	0.11	2.48	8.85	15.20	6.6	19
ZZ30143	0.15	0.007	0.21	0.84	9.7	<0.2	<10	360	0.59	0.08	3.20	1.30	21.4	6.4	12
ZZ30144	0.23	0.002	0.21	0.98	12.5	<0.2	<10	370	0.79	0.08	1.88	1.09	48.5	18.2	21
ZZ30145	0.15	0.004	0.24	0.96	13.8	<0.2	<10	320	0.57	0.07	2.52	1.68	21.8	6.4	17
ZZ30146	0.14	0.004	0.40	0.81	15.1	<0.2	<10	460	0.64	0.10	3.19	5.07	22.6	7.7	17
ZZ30147	0.10	0.003	0.32	0.55	6.4	<0.2	<10	520	0.44	0.07	4.13	2.85	12.45	5.0	10
ZZ30148	0.13	0.002	0.25	0.74	11.6	<0.2	<10	510	0.59	0.10	3.67	1.83	16.10	6.8	13
ZZ30149	0.16	0.003	0.25	0.70	13.4	<0.2	<10	340	0.70	0.19	1.32	1.29	21.8	8.5	13
ZZ30150	0.20	0.002	0.21	0.71	9.2	<0.2	<10	490	0.65	0.14	2.62	1.09	14.05	6.7	12
ZZ30151	0.14	0.003	0.14	0.71	10.0	<0.2	<10	360	0.76	0.21	1.51	0.52	12.80	9.5	12
ZZ30152	0.13	0.002	0.19	0.80	7.2	<0.2	10	340	0.75	0.19	2.61	0.84	13.40	6.7	11
ZZ30153	0.25	0.004	0.22	1.08	11.6	<0.2	<10	240	0.95	0.28	1.24	0.53	15.10	14.2	18
ZZ30154	0.07	0.008	0.47	0.66	15.8	<0.2	10	390	0.66	0.16	1.97	1.19	14.90	7.0	13
ZZ30155	0.14	0.003	0.28	0.62	17.3	<0.2	<10	480	0.67	0.17	1.28	1.66	15.65	10.7	13
ZZ30156	0.15	0.003	0.28	0.75	14.0	<0.2	<10	360	0.58	0.18	1.41	0.81	12.60	10.1	14
ZZ30157	0.35	0.002	0.15	1.21	14.9	<0.2	<10	400	0.99	0.25	0.69	0.44	14.70	14.2	20

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ30118		0.90	14.5	1.66	3.08	0.05	0.03	0.11	0.025	0.03	18.0	5.6	0.18	516	1.22	<0.01
ZZ30119		1.11	22.0	1.77	2.19	<0.05	0.03	0.12	0.025	0.06	10.3	5.5	0.14	271	2.86	<0.01
ZZ30120		1.22	17.5	2.09	2.88	0.07	0.03	0.09	0.025	0.06	19.9	6.7	0.20	327	2.18	<0.01
ZZ30121		0.81	14.1	1.21	2.15	0.07	0.02	0.10	0.016	0.04	17.0	4.0	0.10	352	1.71	<0.01
ZZ30122		0.44	7.9	0.64	1.28	0.10	0.04	0.08	0.010	0.03	33.4	1.8	0.06	301	0.90	<0.01
ZZ30123		0.55	9.7	1.04	1.40	0.05	0.02	0.14	0.013	0.04	17.6	2.3	0.07	394	1.61	<0.01
ZZ30124		1.21	10.3	1.81	3.46	0.08	0.02	0.09	0.020	0.03	26.4	5.3	0.10	300	1.55	<0.01
ZZ30125		1.10	16.1	0.81	1.34	0.06	0.04	0.32	0.013	0.06	14.7	1.7	0.05	226	1.25	<0.01
ZZ30126		1.40	17.0	0.80	0.74	<0.05	0.04	0.16	0.012	0.05	2.2	1.2	0.03	74	1.02	<0.01
ZZ30127		0.44	23.1	2.35	3.54	0.08	0.04	0.18	0.026	0.07	23.8	8.5	0.27	620	1.27	<0.01
ZZ30128		0.43	11.4	1.24	2.00	<0.05	0.03	0.12	0.016	0.04	9.8	3.2	0.10	331	1.13	<0.01
ZZ30129		0.48	13.0	1.39	1.86	<0.05	0.03	0.12	0.016	0.03	10.9	2.5	0.10	484	1.11	<0.01
ZZ30130		0.65	7.9	1.62	3.15	<0.05	<0.02	0.06	0.017	0.03	5.5	5.6	0.12	266	1.08	<0.01
ZZ30131		0.70	11.5	2.02	3.29	<0.05	0.02	0.07	0.024	0.05	12.3	7.0	0.25	411	1.05	<0.01
ZZ30132		0.62	14.6	2.01	3.13	0.05	0.03	0.09	0.022	0.05	14.2	6.7	0.23	703	21.3	<0.01
ZZ30133		0.87	12.3	2.65	4.40	0.06	0.03	0.06	0.030	0.05	16.9	9.5	0.31	370	3.44	<0.01
ZZ30134		0.46	22.8	1.80	2.25	<0.05	0.04	0.17	0.024	0.07	5.3	5.5	0.13	240	3.23	<0.01
ZZ30135		0.42	38.0	2.04	3.15	0.05	0.04	0.13	0.030	0.07	10.2	5.8	0.12	109	11.35	<0.01
ZZ30136		0.30	24.4	0.84	1.39	<0.05	0.06	0.17	0.015	0.04	3.4	2.1	0.07	133	3.23	<0.01
ZZ30137		0.37	23.3	1.01	1.97	<0.05	0.04	0.14	0.018	0.03	4.6	2.6	0.06	128	3.97	<0.01
ZZ30138		0.22	48.2	1.17	1.43	<0.05	0.05	0.19	0.016	0.04	4.4	2.6	0.11	276	2.39	<0.01
ZZ30139		0.74	91.2	3.63	1.90	0.08	0.04	0.40	0.030	0.09	8.9	3.5	0.11	221	5.97	<0.01
ZZ30140		0.37	45.4	2.18	2.17	0.05	0.03	0.29	0.026	0.07	5.0	4.3	0.10	244	5.30	<0.01
ZZ30141		0.47	35.9	1.57	0.96	0.05	0.04	0.24	0.014	0.03	4.1	1.0	0.08	571	3.48	<0.01
ZZ30142		0.52	30.7	1.77	2.37	0.06	0.04	0.29	0.021	0.05	10.4	6.8	0.21	487	4.05	<0.01
ZZ30143		0.52	21.3	1.54	2.52	0.06	0.04	0.13	0.016	0.05	12.0	8.4	0.24	265	1.85	<0.01
ZZ30144		0.47	25.3	4.74	3.40	0.08	0.03	0.11	0.040	0.12	24.0	9.6	0.27	788	5.58	<0.01
ZZ30145		0.38	22.6	2.05	3.12	0.05	0.04	0.15	0.022	0.05	12.3	5.9	0.18	166	5.79	<0.01
ZZ30146		0.31	29.3	2.23	2.55	0.05	0.03	0.16	0.026	0.06	13.3	7.2	0.20	328	3.67	<0.01
ZZ30147		0.25	18.6	1.22	1.54	<0.05	0.04	0.21	0.013	0.04	7.6	4.1	0.24	390	1.70	<0.01
ZZ30148		0.27	17.9	1.97	2.08	<0.05	0.03	0.56	0.018	0.04	8.4	5.9	0.83	507	2.02	<0.01
ZZ30149		0.37	20.4	2.60	2.13	0.05	0.04	1.23	0.029	0.07	9.2	6.4	0.21	513	2.06	<0.01
ZZ30150		0.33	18.3	1.93	1.97	<0.05	0.03	0.77	0.022	0.06	6.8	5.5	0.33	503	1.45	<0.01
ZZ30151		0.41	20.5	2.64	1.88	<0.05	0.03	0.83	0.025	0.07	5.2	6.7	0.22	468	1.03	<0.01
ZZ30152		0.62	23.1	1.85	2.20	<0.05	0.07	0.62	0.021	0.06	6.7	7.1	0.24	425	0.90	0.01
ZZ30153		0.88	33.2	3.08	3.33	<0.05	0.05	0.35	0.038	0.09	7.3	17.2	0.35	636	1.53	0.01
ZZ30154		0.37	31.1	2.20	2.04	<0.05	0.06	0.27	0.032	0.08	7.4	6.6	0.21	258	2.57	0.01
ZZ30155		0.64	31.0	2.48	2.06	<0.05	0.04	0.27	0.033	0.10	7.1	7.4	0.24	264	3.44	0.01
ZZ30156		0.56	28.1	2.47	2.49	<0.05	0.04	0.25	0.032	0.09	5.6	9.1	0.26	242	2.76	0.01
ZZ30157		0.64	33.0	3.74	3.61	<0.05	0.05	0.23	0.043	0.09	6.7	16.1	0.33	560	1.90	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30118		0.52	19.4	1720	8.4	5.5	0.001	0.18	0.55	1.2	2.1	0.3	44.8	0.01	0.04	0.3
ZZ30119		0.24	50.4	980	9.6	6.7	0.001	0.05	0.89	2.3	2.9	0.4	25.3	<0.01	0.06	0.5
ZZ30120		0.35	38.5	1420	11.1	6.5	0.001	0.07	0.90	2.2	2.2	0.3	30.7	<0.01	0.08	0.6
ZZ30121		0.28	31.4	1210	8.2	6.7	<0.001	0.08	0.72	1.3	1.7	0.3	28.0	<0.01	0.04	0.2
ZZ30122		0.09	25.4	2780	4.9	3.3	0.001	0.10	0.91	0.8	1.7	0.2	49.4	<0.01	0.04	0.3
ZZ30123		0.14	29.7	1590	5.1	3.0	<0.001	0.15	0.88	0.6	1.5	0.2	32.6	<0.01	0.01	<0.2
ZZ30124		0.42	53.3	1210	9.4	6.1	0.001	0.07	0.79	1.5	1.8	0.4	21.0	<0.01	0.04	0.3
ZZ30125		0.16	22.1	1700	4.2	5.2	0.002	0.21	0.74	0.6	2.9	0.2	37.3	<0.01	0.02	<0.2
ZZ30126		0.06	17.1	1450	3.0	15.4	0.003	0.25	0.35	0.7	3.1	<0.2	29.9	<0.01	0.02	0.3
ZZ30127		0.45	245	2250	16.6	6.6	0.001	0.13	0.70	2.3	2.5	0.4	29.4	<0.01	0.06	0.6
ZZ30128		0.28	152.5	1860	7.2	5.0	0.001	0.21	0.50	1.1	1.6	0.2	28.6	<0.01	0.04	0.3
ZZ30129		0.33	106.5	1460	6.9	3.8	<0.001	0.22	0.62	0.9	1.3	0.2	26.1	<0.01	0.04	0.2
ZZ30130		0.59	13.3	1400	9.1	7.4	<0.001	0.16	0.54	0.7	0.6	0.3	18.1	<0.01	0.03	0.2
ZZ30131		0.55	25.5	1230	15.4	7.5	<0.001	0.13	0.51	1.1	0.6	0.3	19.3	<0.01	0.05	0.3
ZZ30132		0.56	74.5	1150	13.1	6.7	0.001	0.13	1.46	1.2	1.0	0.3	20.3	<0.01	0.10	0.4
ZZ30133		0.54	49.1	940	21.4	7.8	<0.001	0.06	0.75	2.3	1.0	0.5	16.7	<0.01	0.07	0.7
ZZ30134		0.28	74.3	860	15.2	6.6	0.002	0.09	1.19	2.1	3.0	0.3	24.8	<0.01	0.13	0.7
ZZ30135		0.37	49.2	1120	19.1	6.1	0.004	0.11	2.60	2.5	4.7	0.5	111.0	<0.01	0.10	1.2
ZZ30136		0.12	29.0	920	7.4	3.8	0.005	0.14	1.77	1.2	3.0	0.3	68.7	<0.01	0.08	0.5
ZZ30137		0.18	24.0	790	7.9	2.7	0.002	0.12	1.22	1.8	2.2	0.3	39.5	<0.01	0.05	0.7
ZZ30138		0.15	40.6	1090	7.3	3.4	0.009	0.16	1.89	1.3	4.3	0.3	70.5	<0.01	0.07	0.5
ZZ30139		0.17	103.0	1750	12.3	6.1	0.002	0.05	4.43	7.1	5.7	0.4	119.5	<0.01	0.09	2.7
ZZ30140		0.21	54.1	790	12.6	5.0	0.003	0.05	2.79	3.9	3.7	0.4	51.0	<0.01	0.08	1.5
ZZ30141		0.14	76.8	1140	4.9	3.5	0.004	0.18	3.03	2.1	6.4	0.2	97.3	<0.01	0.04	0.5
ZZ30142		0.36	88.3	890	11.8	6.2	0.005	0.11	3.20	2.4	4.0	0.3	72.6	<0.01	0.05	0.6
ZZ30143		0.31	29.2	780	6.8	5.1	0.003	0.14	1.79	2.1	1.9	0.3	76.0	<0.01	0.03	0.6
ZZ30144		0.41	27.3	1200	9.2	7.3	0.003	0.08	1.09	5.9	2.3	0.4	50.9	<0.01	0.02	1.4
ZZ30145		0.35	31.1	710	7.7	3.7	0.002	0.11	2.68	3.1	2.6	0.4	66.2	<0.01	0.04	0.9
ZZ30146		0.33	59.3	1030	8.6	5.3	0.005	0.11	2.83	2.6	3.2	0.3	77.1	<0.01	0.04	0.6
ZZ30147		0.24	30.3	790	5.7	3.8	0.002	0.14	1.67	1.4	2.1	0.2	78.7	<0.01	0.02	0.3
ZZ30148		0.27	31.7	690	11.6	3.8	0.001	0.10	1.42	1.6	1.6	0.3	54.4	<0.01	0.03	0.5
ZZ30149		0.24	27.1	540	44.9	5.0	0.001	0.05	0.86	2.9	1.6	0.3	30.7	<0.01	0.04	1.7
ZZ30150		0.27	24.2	610	22.3	5.1	<0.001	0.09	0.87	1.7	1.6	0.3	57.9	<0.01	0.03	0.6
ZZ30151		0.21	22.3	470	24.0	5.2	0.001	0.05	0.50	2.9	1.4	0.3	55.2	<0.01	0.02	1.3
ZZ30152		0.35	20.2	670	20.7	8.1	0.001	0.12	0.57	2.1	1.5	0.3	151.0	0.01	0.03	0.7
ZZ30153		0.35	33.8	640	20.6	14.2	0.001	0.06	0.54	4.2	1.8	0.5	142.5	<0.01	0.04	1.6
ZZ30154		0.20	36.2	860	17.9	6.6	0.010	0.12	1.38	3.1	2.6	0.4	146.5	<0.01	0.04	1.3
ZZ30155		0.16	37.6	1080	17.3	7.3	0.005	0.07	1.40	3.6	2.1	0.4	55.4	<0.01	0.05	2.4
ZZ30156		0.17	31.6	800	16.4	7.2	0.004	0.06	1.00	3.8	1.9	0.4	63.6	<0.01	0.05	2.1
ZZ30157		0.24	42.5	740	21.2	10.1	0.002	0.04	0.46	5.2	1.8	0.5	35.4	<0.01	0.06	2.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30118		0.012	0.12	1.79	37	0.18	38.4	105	0.8
ZZ30119		0.007	0.35	1.51	37	0.11	20.5	194	0.8
ZZ30120		0.011	0.24	1.84	42	0.18	28.7	135	0.7
ZZ30121		0.010	0.17	2.14	37	0.09	30.3	180	0.5
ZZ30122		<0.005	0.18	3.29	23	0.05	47.0	115	1.1
ZZ30123		<0.005	0.23	1.66	25	0.06	27.8	270	0.6
ZZ30124		0.012	0.21	4.17	44	0.10	33.8	112	0.5
ZZ30125		<0.005	0.17	5.58	18	0.05	32.5	82	1.2
ZZ30126		<0.005	0.10	0.73	11	<0.05	6.71	259	1.5
ZZ30127		0.011	0.11	3.83	68	0.10	50.5	1220	1.2
ZZ30128		0.006	0.09	3.23	44	0.07	25.8	708	1.1
ZZ30129		0.011	0.07	1.78	38	0.07	25.7	568	1.1
ZZ30130		0.016	0.09	0.38	39	0.12	6.50	67	<0.5
ZZ30131		0.015	0.14	0.41	50	0.13	14.30	206	0.5
ZZ30132		0.016	0.18	0.85	60	0.13	21.7	243	0.7
ZZ30133		0.015	0.16	0.95	64	0.16	21.2	164	0.6
ZZ30134		0.005	0.18	1.48	44	0.08	13.70	195	1.2
ZZ30135		0.007	0.65	4.33	102	0.14	15.35	172	1.0
ZZ30136		<0.005	0.32	2.80	56	0.07	7.94	109	2.0
ZZ30137		<0.005	0.26	3.16	58	0.06	9.82	75	1.4
ZZ30138		<0.005	0.21	4.03	51	0.14	11.30	146	1.7
ZZ30139		0.006	0.23	1.72	158	0.10	34.5	631	2.1
ZZ30140		<0.005	0.19	1.66	106	0.08	16.90	267	1.0
ZZ30141		0.005	0.14	2.38	59	0.05	25.2	336	1.6
ZZ30142		0.008	0.23	2.92	216	0.12	22.3	480	1.5
ZZ30143		0.007	0.12	1.63	77	0.09	12.05	107	1.6
ZZ30144		0.005	0.11	1.81	86	0.09	17.10	143	0.9
ZZ30145		<0.005	0.28	1.67	178	0.07	13.20	176	1.5
ZZ30146		0.005	0.21	2.42	183	0.06	16.90	354	1.2
ZZ30147		0.005	0.13	1.79	77	0.05	10.50	186	1.2
ZZ30148		0.005	0.13	1.78	89	0.12	10.75	143	0.9
ZZ30149		<0.005	0.13	1.26	54	0.05	10.65	168	1.0
ZZ30150		<0.005	0.11	2.01	37	0.05	8.69	95	1.1
ZZ30151		<0.005	0.10	1.51	26	0.06	7.65	78	1.0
ZZ30152		0.005	0.10	3.61	23	0.07	8.65	78	2.4
ZZ30153		<0.005	0.12	2.22	31	0.07	9.82	97	1.3
ZZ30154		<0.005	0.17	2.24	66	0.05	12.95	203	1.9
ZZ30155		<0.005	0.16	1.61	69	<0.05	11.45	253	1.5
ZZ30156		<0.005	0.14	1.35	54	<0.05	9.34	170	1.4
ZZ30157		<0.005	0.12	1.09	36	0.07	10.70	136	1.2

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30158		0.28	0.007	0.17	1.13	11.8	<0.2	<10	380	0.85	0.24	0.87	0.47	13.70	11.1	20
ZZ30159		0.24	0.003	0.14	1.03	11.2	<0.2	<10	320	0.78	0.22	1.24	0.46	11.45	12.6	17
ZZ30160		0.37	0.003	0.39	0.61	193	<0.2	10	170	0.50	0.10	13.05	1.17	11.50	14.9	19
ZZ30161		0.16	0.007	0.11	0.26	62.2	<0.2	10	90	0.16	0.06	5.09	2.92	5.16	3.4	7
ZZ30162		0.19	0.002	0.30	0.37	207	<0.2	<10	70	0.28	0.07	1.95	2.10	11.35	7.3	15
ZZ30163		0.15	0.006	0.13	0.27	64.1	<0.2	<10	190	0.17	0.04	4.24	6.58	5.78	5.7	9
ZZ30164		0.24	0.005	0.54	0.60	322	<0.2	10	220	0.52	0.14	3.98	1.60	10.65	6.9	27
ZZ30165		0.24	0.002	0.13	0.53	11.1	<0.2	<10	350	0.24	0.10	3.73	5.86	7.49	4.1	14
ZZ30166		0.22	0.003	0.18	1.26	11.4	<0.2	<10	380	0.67	0.20	2.13	13.25	21.4	16.0	32
ZZ30167		0.23	0.004	0.08	0.68	3.4	<0.2	<10	210	0.33	0.14	3.53	6.49	11.75	8.3	14
ZZ30168		0.26	0.002	0.17	0.94	8.7	<0.2	<10	340	0.50	0.18	2.71	5.76	21.1	9.3	26
ZZ30169		0.21	0.002	0.18	1.48	9.9	<0.2	<10	310	0.56	0.26	2.18	4.89	18.15	10.5	22
ZZ30170		0.26	0.001	0.17	1.72	27.0	<0.2	<10	440	0.90	0.28	2.14	3.20	28.0	10.6	27
ZZ30171		0.20	0.003	0.16	1.57	19.0	<0.2	<10	390	0.81	0.25	1.86	3.07	24.9	10.7	26
ZZ30172		0.23	0.006	0.63	0.74	14.4	<0.2	<10	680	0.47	0.14	4.04	1.45	12.10	5.5	16
ZZ30173		0.28	0.005	1.80	0.63	19.0	<0.2	<10	1620	0.56	0.20	1.51	1.35	12.05	6.6	20
ZZ30174		0.21	0.004	0.42	0.40	8.5	<0.2	<10	1610	0.35	0.09	3.37	1.02	7.53	4.8	10
ZZ30175		0.18	0.004	0.91	0.49	6.1	<0.2	<10	1720	0.57	0.09	3.52	4.05	10.95	4.7	10
ZZ30176		0.15	0.005	0.69	0.62	17.7	<0.2	<10	1260	0.72	0.16	1.04	1.39	17.50	8.2	15
ZZ30177		0.11	0.005	0.75	0.42	15.1	<0.2	10	1040	0.51	0.11	2.57	3.95	11.50	7.0	12
ZZ30178		0.12	0.004	0.75	0.80	27.8	<0.2	<10	860	0.54	0.17	1.12	4.45	13.35	7.1	34
ZZ30179		0.17	0.004	1.10	0.92	25.9	<0.2	<10	750	0.70	0.14	1.90	6.03	18.70	9.5	22
ZZ30180		0.36	0.004	1.13	1.23	19.0	<0.2	<10	510	0.87	0.19	0.64	2.81	23.0	9.7	21
ZZ30181		0.19	0.007	0.39	1.18	13.5	<0.2	<10	550	0.70	0.10	2.79	6.57	37.4	8.7	22
ZZ30182		0.20	0.003	0.56	0.74	16.8	<0.2	<10	630	0.68	0.13	1.95	3.98	26.1	12.3	17
ZZ30183		0.21	0.003	0.51	0.65	20.8	<0.2	<10	960	0.65	0.14	1.57	3.76	19.30	9.6	15
ZZ30184		0.20	0.008	0.67	0.40	8.2	<0.2	10	820	0.56	0.08	4.31	8.36	12.50	11.7	9
ZZ30185		0.22	0.003	0.47	0.57	15.5	<0.2	<10	650	0.54	0.12	2.48	4.54	17.30	7.3	15
ZZ30186		0.15	0.004	0.55	0.63	13.5	<0.2	10	480	0.53	0.12	2.57	3.29	16.05	6.7	15
ZZ30187		0.16	0.004	0.59	0.64	13.5	<0.2	10	500	0.67	0.17	2.50	3.75	18.05	9.7	15
ZZ30188		0.10	0.004	0.33	0.51	9.2	<0.2	10	450	0.43	0.10	2.43	2.53	11.95	5.5	12
ZZ30189		0.23	0.002	0.21	0.71	10.6	<0.2	<10	470	0.71	0.19	1.91	0.59	11.20	8.2	13
ZZ30190		0.10	0.003	0.22	0.81	11.0	<0.2	<10	380	0.72	0.19	1.21	0.98	12.30	10.8	14
ZZ30191		0.11	0.001	0.12	0.46	3.7	<0.2	10	410	0.34	0.08	3.45	0.42	4.29	4.1	8
ZZ30192		0.12	0.003	0.16	0.63	7.3	<0.2	10	320	0.55	0.14	2.39	0.89	9.28	6.2	11
ZZ30193		0.19	0.005	0.16	0.89	9.9	<0.2	<10	310	0.58	0.19	0.67	0.39	7.76	9.1	15
ZZ30194		0.25	0.002	0.07	1.04	11.7	<0.2	<10	350	0.75	0.22	0.46	0.28	13.10	8.9	19
ZZ30195		0.44	0.004	0.07	1.02	12.9	<0.2	<10	240	0.76	0.23	0.37	0.17	9.52	11.4	19
ZZ30196		0.28	0.004	0.08	0.95	11.6	<0.2	<10	230	0.81	0.23	0.73	0.18	9.83	13.8	16
ZZ30197		0.16	0.002	0.11	0.35	8.1	<0.2	<10	340	0.18	0.06	4.12	0.93	6.18	2.3	10

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30158		0.61	27.5	3.30	3.55	<0.05	0.05	0.23	0.044	0.08	6.3	14.2	0.37	420	1.61	0.01
ZZ30159		0.55	27.3	2.96	3.04	<0.05	0.04	0.35	0.039	0.09	5.1	13.9	0.37	533	1.30	0.01
ZZ30160		1.13	20.0	1.29	2.17	0.09	0.10	0.09	0.018	0.11	27.7	4.9	0.11	232	2.82	<0.01
ZZ30161		0.36	13.5	0.47	0.83	<0.05	0.03	0.17	0.007	0.06	12.6	1.3	0.07	245	1.99	0.01
ZZ30162		0.54	12.5	0.82	1.46	0.10	0.04	0.38	0.011	0.03	36.0	1.3	0.04	181	5.09	<0.01
ZZ30163		0.57	10.7	0.51	0.80	0.05	0.04	0.19	0.008	0.02	14.7	1.0	0.03	295	0.98	<0.01
ZZ30164		1.33	23.6	1.62	1.86	0.07	0.05	0.36	0.026	0.07	24.1	3.3	0.07	246	4.16	0.01
ZZ30165		0.36	13.2	0.82	1.71	<0.05	0.04	0.11	0.014	0.04	8.0	2.4	0.09	355	0.87	0.01
ZZ30166		0.68	19.4	2.29	3.37	0.07	0.05	0.12	0.032	0.06	26.3	7.2	0.24	568	0.87	0.01
ZZ30167		0.49	14.1	1.13	1.83	<0.05	0.03	0.13	0.019	0.04	12.8	2.3	0.08	918	0.72	0.01
ZZ30168		0.46	17.2	1.93	2.60	0.06	0.02	0.11	0.028	0.05	22.4	6.3	0.21	582	0.96	0.01
ZZ30169		1.00	16.5	2.38	4.40	<0.05	0.06	0.08	0.031	0.04	10.9	8.2	0.27	726	1.05	0.01
ZZ30170		0.69	19.2	2.65	4.59	0.06	0.05	0.07	0.038	0.07	23.7	9.0	0.29	461	1.90	0.01
ZZ30171		0.98	14.1	3.03	4.60	<0.05	0.03	0.21	0.035	0.05	15.0	10.4	0.49	606	2.79	0.01
ZZ30172		0.58	18.7	1.36	2.21	<0.05	0.05	0.14	0.019	0.06	9.7	4.9	0.12	233	2.14	0.02
ZZ30173		0.41	41.0	2.06	1.96	0.06	0.04	0.24	0.031	0.07	7.4	4.7	0.10	180	8.61	0.01
ZZ30174		0.36	28.2	1.23	1.32	<0.05	0.05	0.12	0.016	0.05	3.5	3.2	0.07	219	3.67	0.01
ZZ30175		0.30	44.2	1.08	1.25	<0.05	0.04	0.18	0.013	0.04	6.8	2.6	0.08	321	2.41	0.01
ZZ30176		0.72	59.0	2.13	2.06	0.05	0.04	0.22	0.036	0.08	7.2	3.1	0.06	229	4.12	0.01
ZZ30177		0.42	43.0	1.45	1.45	<0.05	0.05	0.22	0.024	0.06	5.2	2.1	0.10	387	4.15	0.01
ZZ30178		0.61	33.5	1.84	2.68	0.05	0.06	0.23	0.028	0.06	7.2	6.4	0.16	300	4.64	0.01
ZZ30179		0.66	43.1	1.97	3.07	0.07	0.07	0.23	0.031	0.07	10.3	7.1	0.20	363	8.11	0.01
ZZ30180		1.18	56.8	2.65	3.94	0.06	0.06	0.15	0.040	0.14	11.0	13.4	0.30	121	10.30	<0.01
ZZ30181		0.59	30.1	2.65	4.10	0.07	0.05	0.13	0.034	0.07	23.7	10.4	0.20	221	4.13	0.01
ZZ30182		0.37	37.5	2.86	2.53	0.06	0.04	0.18	0.038	0.09	14.2	7.3	0.19	305	6.40	0.01
ZZ30183		0.41	37.5	2.14	2.30	0.05	0.05	0.17	0.029	0.08	9.9	5.9	0.15	243	6.69	0.01
ZZ30184		0.31	64.3	1.35	1.22	<0.05	0.06	0.17	0.013	0.04	7.6	2.3	0.16	355	1.88	0.01
ZZ30185		0.38	37.8	1.82	1.95	<0.05	0.04	0.23	0.026	0.09	9.6	5.2	0.23	214	5.89	0.01
ZZ30186		0.34	29.6	1.78	2.11	<0.05	0.05	0.38	0.026	0.08	9.0	5.9	0.18	251	3.31	0.01
ZZ30187		0.51	39.7	2.12	2.03	0.05	0.05	0.55	0.028	0.08	9.8	6.4	0.24	337	3.78	0.01
ZZ30188		0.30	19.4	1.52	1.70	<0.05	0.05	0.50	0.020	0.07	5.5	5.9	0.20	319	1.97	0.01
ZZ30189		0.50	25.5	2.71	2.00	<0.05	0.04	0.43	0.029	0.07	5.0	6.3	0.18	267	1.98	0.01
ZZ30190		0.37	21.6	2.65	2.43	<0.05	0.04	0.40	0.028	0.07	5.1	6.3	0.17	495	2.87	0.01
ZZ30191		0.30	13.8	1.03	1.21	<0.05	0.04	0.19	0.013	0.04	2.0	3.3	0.24	274	1.14	0.01
ZZ30192		0.30	18.2	2.06	1.77	<0.05	0.04	0.29	0.023	0.07	3.8	6.6	0.29	234	1.85	0.01
ZZ30193		0.35	16.8	2.96	2.93	<0.05	<0.02	0.20	0.028	0.09	3.1	5.8	0.20	490	3.08	0.01
ZZ30194		0.35	26.3	3.33	3.33	<0.05	0.02	0.14	0.032	0.08	6.1	11.4	0.28	280	1.83	0.01
ZZ30195		0.48	29.4	3.50	3.19	<0.05	0.04	0.13	0.038	0.08	3.8	12.0	0.34	273	1.92	0.01
ZZ30196		0.55	29.8	3.50	2.72	<0.05	0.04	0.14	0.034	0.08	3.6	10.3	0.32	379	1.46	0.01
ZZ30197		0.28	7.6	0.64	0.90	<0.05	0.02	0.16	0.009	0.03	8.7	1.5	0.05	260	0.74	0.01

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30158		0.22	34.9	720	16.8	9.6	0.002	0.05	0.46	5.0	1.9	0.5	41.7	<0.01	0.05	2.0
ZZ30159		0.21	33.3	650	17.2	9.6	0.003	0.07	0.45	4.2	1.5	0.4	47.8	0.01	0.05	1.6
ZZ30160		0.11	65.8	2350	9.4	7.3	0.002	0.04	2.17	2.6	2.1	0.3	89.6	<0.01	0.04	0.9
ZZ30161		0.12	16.4	1690	3.9	2.5	0.001	0.23	0.85	0.5	1.9	<0.2	41.4	<0.01	0.01	<0.2
ZZ30162		0.08	48.6	1740	5.9	4.5	0.001	0.12	2.27	0.8	4.8	0.2	29.3	<0.01	0.03	0.2
ZZ30163		0.11	21.0	1350	4.4	4.1	<0.001	0.16	0.65	1.0	2.4	<0.2	37.7	<0.01	0.03	0.2
ZZ30164		0.14	40.1	1840	7.7	8.8	0.001	0.13	1.71	1.9	3.3	0.3	58.1	<0.01	0.04	0.4
ZZ30165		0.26	37.6	1610	10.9	3.4	0.001	0.31	0.45	0.7	1.0	0.2	32.6	<0.01	0.03	0.2
ZZ30166		0.51	301	1790	19.5	9.2	0.001	0.12	0.65	2.8	1.9	0.4	28.8	<0.01	0.05	0.6
ZZ30167		0.31	66.2	1410	8.8	4.2	<0.001	0.21	0.44	0.7	1.1	0.2	35.1	<0.01	0.04	<0.2
ZZ30168		0.35	129.0	2230	14.5	6.5	0.001	0.13	0.80	1.3	1.7	0.4	31.0	<0.01	0.05	0.3
ZZ30169		0.66	27.3	1420	17.8	8.9	<0.001	0.14	0.55	1.4	0.7	0.5	21.4	0.02	0.05	0.4
ZZ30170		0.56	65.6	2390	33.7	10.1	<0.001	0.13	0.93	2.1	1.8	0.6	22.9	0.01	0.14	0.7
ZZ30171		0.64	34.6	800	22.6	8.8	0.001	0.08	0.67	3.1	0.8	0.5	19.9	<0.01	0.06	1.0
ZZ30172		0.38	32.5	1100	13.4	7.4	<0.001	0.20	0.77	1.2	2.2	0.3	35.7	0.01	0.06	0.4
ZZ30173		0.18	66.7	940	13.5	6.2	0.005	0.09	2.32	2.6	10.5	0.4	36.5	<0.01	0.12	0.7
ZZ30174		0.18	39.0	1400	6.6	4.5	0.004	0.18	2.29	1.2	6.3	0.2	70.1	<0.01	0.04	0.6
ZZ30175		0.21	39.6	1260	6.3	3.6	0.007	0.17	1.56	1.2	5.3	0.2	68.9	<0.01	0.03	0.4
ZZ30176		0.16	57.4	1290	15.2	7.8	0.004	0.05	2.31	5.0	3.0	0.4	56.4	<0.01	0.05	3.1
ZZ30177		0.15	46.7	1390	13.0	5.9	0.005	0.12	2.68	2.6	4.4	0.3	93.3	<0.01	0.05	1.1
ZZ30178		0.37	55.1	970	25.6	7.8	0.007	0.09	2.05	2.8	4.8	0.4	68.1	<0.01	0.06	1.1
ZZ30179		0.58	70.8	970	17.1	7.7	0.006	0.09	3.72	3.9	4.4	0.5	71.4	0.01	0.05	1.1
ZZ30180		0.30	48.7	710	13.8	13.4	0.002	0.03	4.15	5.1	3.0	0.5	27.9	<0.01	0.06	2.7
ZZ30181		0.36	38.0	910	9.3	7.1	0.002	0.09	1.64	5.5	2.4	0.5	67.2	<0.01	0.03	1.5
ZZ30182		0.27	47.1	970	12.1	6.2	0.007	0.08	2.87	4.4	3.7	0.4	54.0	<0.01	0.05	1.5
ZZ30183		0.22	54.9	750	13.1	6.1	0.010	0.07	3.25	3.1	4.3	0.4	48.8	<0.01	0.08	1.5
ZZ30184		0.20	94.3	900	5.9	5.1	0.016	0.21	2.43	1.5	5.8	0.2	91.4	<0.01	0.05	0.4
ZZ30185		0.22	60.0	1080	11.6	6.2	0.009	0.09	2.95	2.8	3.7	0.4	71.0	<0.01	0.05	1.2
ZZ30186		0.25	43.9	860	12.6	6.0	0.011	0.10	2.09	2.6	3.3	0.4	64.1	<0.01	0.05	0.9
ZZ30187		0.24	54.8	950	16.0	6.8	0.010	0.11	2.20	3.2	3.6	0.4	72.9	<0.01	0.05	1.2
ZZ30188		0.20	32.4	700	10.6	5.7	0.003	0.09	1.46	1.9	2.3	0.3	65.5	<0.01	0.05	0.8
ZZ30189		0.20	30.9	700	13.6	7.1	0.002	0.08	0.67	3.0	2.0	0.4	48.2	<0.01	0.05	1.0
ZZ30190		0.24	24.4	830	13.4	7.2	0.002	0.08	0.52	2.9	1.7	0.4	39.1	<0.01	0.04	1.2
ZZ30191		0.16	17.6	890	4.8	3.8	0.002	0.19	0.41	1.2	1.4	0.2	86.7	<0.01	0.02	0.5
ZZ30192		0.20	25.2	730	10.9	6.3	0.023	0.16	0.46	2.1	3.1	0.3	74.8	<0.01	0.03	0.8
ZZ30193		0.21	19.0	740	11.7	8.1	0.001	0.05	0.38	3.2	1.2	0.4	21.2	<0.01	0.04	1.4
ZZ30194		0.27	32.4	460	14.8	6.6	<0.001	0.02	0.48	3.7	0.8	0.5	16.5	<0.01	0.05	2.1
ZZ30195		0.16	37.4	570	14.9	6.3	0.001	0.05	0.52	4.5	1.0	0.5	18.6	<0.01	0.05	2.6
ZZ30196		0.19	34.9	620	14.4	6.8	<0.001	0.03	0.49	4.5	1.0	0.4	29.4	<0.01	0.06	2.6
ZZ30197		0.16	8.3	1290	3.2	1.9	<0.001	0.25	0.29	0.4	1.1	<0.2	49.1	<0.01	0.03	<0.2

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30158		<0.005	0.11	1.40	32	0.05	11.60	145	1.1
ZZ30159		<0.005	0.12	1.28	29	0.05	9.99	136	1.1
ZZ30160		<0.005	0.42	3.07	38	0.05	40.8	285	2.7
ZZ30161		0.005	0.11	2.13	13	<0.05	18.50	164	1.0
ZZ30162		<0.005	0.22	4.27	26	<0.05	55.1	176	1.0
ZZ30163		0.005	0.09	2.32	12	<0.05	21.3	162	1.1
ZZ30164		<0.005	0.33	5.04	37	0.05	41.4	175	1.6
ZZ30165		0.009	0.08	4.55	36	0.06	15.85	258	1.3
ZZ30166		0.014	0.11	2.88	65	0.13	52.0	1670	1.2
ZZ30167		0.011	0.07	1.71	31	0.05	22.8	510	1.1
ZZ30168		0.010	0.06	3.28	62	0.19	39.4	771	0.6
ZZ30169		0.017	0.11	0.59	51	0.15	12.50	273	1.0
ZZ30170		0.010	0.19	1.01	76	0.14	31.7	358	1.1
ZZ30171		0.013	0.15	1.06	59	0.14	17.05	173	1.0
ZZ30172		0.008	0.14	4.34	34	0.09	17.75	88	1.7
ZZ30173		<0.005	0.43	3.71	75	0.09	19.05	233	1.6
ZZ30174		0.005	0.12	2.34	49	0.06	7.45	113	1.6
ZZ30175		0.005	0.13	4.29	42	0.06	17.00	147	1.2
ZZ30176		<0.005	0.21	3.06	94	<0.05	17.60	316	1.3
ZZ30177		<0.005	0.16	3.12	80	<0.05	13.75	257	1.6
ZZ30178		0.005	0.29	3.44	175	0.17	12.95	281	1.9
ZZ30179		0.007	0.33	3.55	268	0.15	17.20	449	2.4
ZZ30180		0.005	0.34	1.94	88	0.05	15.30	317	2.1
ZZ30181		<0.005	0.20	2.77	134	0.06	19.60	212	1.4
ZZ30182		<0.005	0.23	2.82	154	0.05	18.30	386	1.6
ZZ30183		<0.005	0.26	2.21	179	0.05	17.65	490	1.6
ZZ30184		<0.005	0.18	9.66	101	<0.05	16.45	394	2.4
ZZ30185		<0.005	0.28	2.67	155	0.09	15.15	442	1.6
ZZ30186		<0.005	0.20	2.43	133	0.06	13.25	323	1.9
ZZ30187		<0.005	0.23	2.38	115	<0.05	15.65	317	2.0
ZZ30188		<0.005	0.12	1.71	81	0.75	7.88	250	1.3
ZZ30189		<0.005	0.11	1.58	31	0.62	9.39	99	1.0
ZZ30190		<0.005	0.09	1.20	33	0.36	8.65	83	1.0
ZZ30191		<0.005	0.05	0.74	14	0.28	3.24	49	1.2
ZZ30192		<0.005	0.06	2.71	21	0.25	7.03	109	1.1
ZZ30193		<0.005	0.07	0.76	33	0.27	3.95	81	<0.5
ZZ30194		<0.005	0.07	0.62	39	0.19	8.11	108	0.6
ZZ30195		<0.005	0.07	0.57	27	0.17	8.12	102	0.9
ZZ30196		<0.005	0.08	0.70	27	0.16	8.53	108	1.0
ZZ30197		0.006	0.05	0.75	11	0.17	13.40	56	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
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CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30198		0.31	0.002	0.18	1.06	121.0	<0.2	10	330	0.58	0.25	8.64	2.92	20.0	9.8	22
ZZ30199		0.24	0.006	0.27	0.83	66.9	<0.2	<10	260	0.59	0.14	2.99	2.41	9.56	4.7	23
ZZ30200		0.28	0.002	1.23	0.85	59.5	<0.2	<10	780	0.71	0.19	1.26	1.82	14.00	6.0	21
ZZ30201		0.28	0.003	0.14	0.96	98.0	<0.2	<10	190	0.42	0.19	0.23	0.89	17.85	6.8	25
ZZ30202		0.25	<0.001	0.13	1.10	47.9	<0.2	<10	410	0.56	0.18	0.90	2.51	14.80	6.2	21
ZZ30203		0.30	0.001	0.13	1.31	91.1	<0.2	<10	520	0.83	0.24	0.46	1.46	20.1	14.4	24
ZZ30204		0.35	0.002	0.30	0.95	267	<0.2	<10	240	0.75	0.23	2.14	1.69	14.35	7.4	27
ZZ30205		0.27	0.003	0.41	1.02	115.5	<0.2	<10	450	0.75	0.18	2.22	1.26	18.70	9.1	24
ZZ30206		0.24	0.007	0.33	1.29	155.5	<0.2	<10	220	0.70	0.20	1.45	0.49	20.5	10.9	32
ZZ30207		0.24	0.006	0.28	0.72	17.4	<0.2	<10	390	0.81	0.25	1.88	0.64	8.84	9.3	37
ZZ30208		0.33	0.005	0.18	0.65	15.0	<0.2	<10	350	0.91	0.32	0.80	0.28	8.40	11.8	31
ZZ30209		0.28	0.003	0.06	0.64	3.8	<0.2	<10	370	0.32	0.10	4.73	5.73	7.94	4.6	10
ZZ30210		0.21	0.003	0.20	0.60	4.5	<0.2	10	380	0.31	0.11	3.84	4.63	11.00	5.9	11
ZZ30211		0.12	0.002	0.26	0.38	1.9	<0.2	<10	650	0.27	0.05	4.32	2.42	7.63	3.3	7
ZZ30212		0.19	0.003	0.08	0.79	3.9	<0.2	<10	290	0.31	0.13	4.16	1.92	9.44	4.9	9
ZZ30213		0.20	0.005	0.09	0.73	11.8	<0.2	10	320	0.48	0.18	4.12	2.53	12.75	16.5	12
ZZ30214		0.16	0.010	1.71	0.67	28.6	<0.2	<10	720	0.53	0.14	2.21	1.23	11.65	6.6	24
ZZ30215		0.28	0.008	1.30	0.47	15.2	<0.2	10	830	0.45	0.12	2.80	2.16	8.80	4.6	13
ZZ30216		0.14	0.004	1.23	0.53	20.2	<0.2	10	1020	0.45	0.11	2.43	0.88	7.77	4.1	15
ZZ30217		0.22	0.007	0.82	0.75	36.1	<0.2	<10	1520	0.54	0.11	2.60	2.87	13.40	4.6	17
ZZ30218		0.18	0.007	0.55	0.53	14.6	<0.2	10	990	0.55	0.10	2.59	2.07	11.95	6.5	11
ZZ30219		0.35	0.005	1.16	0.45	18.1	<0.2	<10	1610	0.60	0.13	0.54	3.48	10.95	6.0	17
ZZ30220		0.21	0.003	0.77	0.57	15.9	<0.2	<10	1310	0.59	0.11	1.39	3.48	11.25	7.0	15
ZZ30221		0.26	0.002	0.91	0.97	14.1	<0.2	<10	440	0.74	0.18	0.55	3.22	23.9	10.7	16
ZZ30222		0.16	0.010	0.30	1.08	9.1	<0.2	<10	340	0.66	0.08	2.15	1.25	38.3	11.8	24
ZZ30223		0.19	0.005	0.39	1.04	9.0	<0.2	10	340	0.66	0.09	2.70	1.85	33.6	11.4	18
ZZ30224		0.15	0.004	0.59	1.05	11.7	<0.2	<10	470	0.72	0.10	1.76	2.78	31.8	13.3	23
ZZ30225		0.14	0.006	0.48	0.76	10.5	<0.2	<10	540	0.54	0.09	1.69	2.11	27.1	11.9	18
ZZ30226		0.12	0.006	0.50	0.62	6.5	<0.2	10	560	0.50	0.08	3.35	2.32	16.10	8.9	12
ZZ30227		0.12	0.006	0.37	0.68	7.9	<0.2	10	580	0.63	0.08	3.06	2.92	20.5	7.7	11
ZZ30228		0.17	0.004	0.26	0.72	11.8	<0.2	10	310	0.66	0.13	2.03	1.09	19.15	9.0	14
ZZ30229		0.16	0.002	0.31	0.76	12.8	<0.2	<10	320	0.69	0.15	2.13	0.92	20.0	11.2	14
ZZ30230		0.16	0.003	0.23	0.67	10.3	<0.2	10	250	0.57	0.15	2.94	0.60	17.60	8.3	10
ZZ30231		0.17	0.004	0.16	0.79	7.8	<0.2	<10	300	0.63	0.15	3.08	0.31	13.00	6.0	10
ZZ30232		0.19	0.003	0.16	0.73	11.5	<0.2	<10	260	0.64	0.19	2.18	0.32	12.20	8.7	12
ZZ30233		0.18	0.008	0.18	0.67	9.4	<0.2	<10	250	0.58	0.14	2.62	0.51	16.75	8.4	11
ZZ30234		0.15	0.003	0.24	0.69	11.1	<0.2	10	230	0.66	0.19	2.17	0.56	18.05	10.9	12
ZZ30235		0.21	0.004	0.21	0.69	11.5	<0.2	10	240	0.73	0.24	2.01	0.32	13.90	9.8	12
ZZ30236		0.21	0.019	0.13	0.56	6.7	<0.2	10	270	0.55	0.17	3.19	0.40	8.16	5.8	8
ZZ30237		0.20	0.006	0.12	0.60	8.5	<0.2	10	520	0.65	0.20	2.64	0.23	10.05	7.8	10

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CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30198		0.53	18.5	2.08	2.73	0.09	0.06	0.06	0.032	0.10	30.3	6.2	0.21	1020	1.55	0.01
ZZ30199		0.77	17.9	1.70	2.30	0.05	0.03	0.14	0.022	0.07	14.3	4.5	0.12	337	2.57	0.01
ZZ30200		1.89	33.3	1.89	2.45	0.07	0.06	0.19	0.030	0.06	18.8	4.6	0.08	248	8.31	0.01
ZZ30201		1.38	18.8	2.24	3.74	<0.05	<0.02	0.05	0.026	0.06	10.2	7.3	0.17	346	3.28	<0.01
ZZ30202		0.85	12.7	2.14	3.56	<0.05	0.02	0.05	0.023	0.06	10.4	6.1	0.16	581	1.86	0.01
ZZ30203		1.44	20.5	3.15	4.71	<0.05	0.04	0.06	0.037	0.11	9.7	9.4	0.17	701	4.04	<0.01
ZZ30204		1.12	22.4	1.98	2.81	0.09	0.08	0.17	0.035	0.09	20.6	5.5	0.13	199	3.00	<0.01
ZZ30205		0.84	28.0	2.24	3.20	0.07	0.04	0.21	0.027	0.07	18.8	8.6	0.40	402	3.27	0.01
ZZ30206		0.96	19.7	2.33	4.04	0.07	0.04	0.20	0.027	0.07	19.2	12.3	0.33	319	1.94	0.01
ZZ30207		0.41	23.9	3.09	2.04	<0.05	0.04	0.17	0.038	0.07	6.4	5.4	0.09	256	2.49	0.01
ZZ30208		0.61	33.7	3.72	1.77	<0.05	0.05	0.12	0.051	0.16	3.7	6.7	0.06	167	3.14	0.02
ZZ30209		0.32	11.1	1.12	1.64	<0.05	0.05	0.12	0.013	0.05	9.1	2.4	0.07	262	1.02	0.02
ZZ30210		0.24	13.3	1.06	1.55	0.05	0.04	0.13	0.014	0.04	12.4	2.5	0.08	613	1.37	0.01
ZZ30211		0.27	12.6	0.54	1.14	<0.05	0.03	0.10	0.007	0.02	8.7	1.3	0.06	632	0.51	0.01
ZZ30212		0.37	15.5	1.02	1.99	<0.05	0.05	0.08	0.016	0.03	7.3	3.2	0.12	442	0.93	0.01
ZZ30213		0.21	23.6	1.64	1.83	<0.05	0.03	0.08	0.023	0.05	9.0	3.6	0.12	439	3.26	<0.01
ZZ30214		0.24	31.5	1.86	2.04	0.06	0.05	0.29	0.027	0.06	9.9	4.8	0.11	191	11.55	<0.01
ZZ30215		0.18	29.7	1.29	1.44	0.05	0.05	0.26	0.021	0.06	6.9	3.0	0.08	163	1.99	<0.01
ZZ30216		0.21	27.2	1.33	1.61	<0.05	0.06	0.25	0.021	0.05	4.6	3.4	0.10	116	2.33	<0.01
ZZ30217		0.32	29.8	1.56	2.20	0.05	0.05	0.20	0.020	0.04	8.0	5.4	0.14	141	2.37	<0.01
ZZ30218		0.34	37.1	1.33	1.65	<0.05	0.05	0.15	0.019	0.04	5.2	2.8	0.08	348	2.06	0.01
ZZ30219		0.58	70.5	1.86	1.92	0.05	0.03	0.27	0.028	0.09	4.3	2.2	0.05	110	13.90	<0.01
ZZ30220		0.47	39.7	1.55	1.96	0.05	0.05	0.18	0.020	0.05	5.8	3.3	0.08	270	8.32	<0.01
ZZ30221		1.17	44.4	2.38	3.30	0.07	0.10	0.10	0.033	0.22	10.0	10.7	0.30	172	7.29	0.01
ZZ30222		0.51	24.2	2.37	4.06	0.07	0.08	0.10	0.026	0.10	18.4	17.0	0.47	505	1.45	0.01
ZZ30223		0.44	33.9	2.25	3.56	0.07	0.07	0.10	0.026	0.10	16.9	14.8	0.44	473	1.89	0.01
ZZ30224		0.45	41.9	2.38	3.88	0.06	0.07	0.12	0.030	0.10	14.2	14.5	0.40	539	3.63	<0.01
ZZ30225		0.40	27.3	2.10	2.98	0.07	0.05	0.10	0.023	0.08	11.5	10.3	0.30	548	3.21	<0.01
ZZ30226		0.33	28.8	1.42	2.22	<0.05	0.05	0.13	0.017	0.06	7.4	6.3	0.21	596	1.52	0.01
ZZ30227		0.29	30.7	1.60	1.97	0.05	0.05	0.25	0.019	0.06	10.1	6.4	0.19	360	1.54	0.01
ZZ30228		0.37	24.8	2.32	2.38	<0.05	0.05	0.42	0.025	0.08	9.3	9.4	0.25	401	1.58	<0.01
ZZ30229		0.38	23.8	2.52	2.40	<0.05	0.05	0.42	0.030	0.07	9.3	9.7	0.22	449	1.35	<0.01
ZZ30230		0.35	19.0	2.20	1.92	<0.05	0.05	0.43	0.022	0.05	7.2	6.5	0.14	348	1.00	0.01
ZZ30231		0.32	17.0	1.96	2.21	<0.05	0.04	0.23	0.024	0.06	5.2	8.1	0.22	217	0.83	0.01
ZZ30232		0.54	23.9	2.43	2.24	<0.05	0.05	0.38	0.026	0.07	4.6	10.0	0.24	291	1.17	<0.01
ZZ30233		0.30	18.9	2.31	2.02	<0.05	0.04	0.31	0.025	0.06	7.4	7.3	0.18	321	1.13	<0.01
ZZ30234		0.37	22.6	2.59	2.08	<0.05	0.05	0.36	0.031	0.08	6.9	9.3	0.20	437	1.39	<0.01
ZZ30235		0.61	26.5	2.70	1.93	<0.05	0.05	0.46	0.032	0.08	5.5	9.4	0.23	321	1.36	<0.01
ZZ30236		0.45	20.4	1.88	1.52	<0.05	0.05	0.26	0.026	0.07	3.9	6.9	0.18	379	0.91	<0.01
ZZ30237		0.91	29.4	2.03	2.09	0.05	0.07	0.49	0.028	0.08	4.9	9.6	0.32	242	0.64	<0.01

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ30198		0.28	26.7	1990	16.2	7.3	0.001	0.14	0.84	1.7	2.7	0.5	47.4	<0.01	0.22	0.6
ZZ30199		0.29	33.7	1300	8.6	8.6	0.001	0.13	0.78	1.6	1.8	0.4	31.6	<0.01	0.04	0.3
ZZ30200		0.20	67.2	820	11.1	8.4	0.003	0.08	0.93	4.4	5.5	0.5	31.0	<0.01	0.05	0.8
ZZ30201		0.41	49.1	810	12.1	10.7	<0.001	0.03	1.04	1.5	2.0	0.5	13.2	<0.01	0.05	0.3
ZZ30202		0.47	21.6	810	12.4	9.7	<0.001	0.06	0.59	2.0	0.9	0.4	24.8	<0.01	0.05	0.5
ZZ30203		0.45	33.7	750	27.6	17.5	<0.001	0.04	0.92	4.1	1.5	0.6	18.3	<0.01	0.06	1.2
ZZ30204		0.28	45.7	1570	17.4	9.4	0.001	0.11	1.21	3.1	3.6	0.4	33.4	<0.01	0.13	1.0
ZZ30205		0.45	42.3	950	14.8	7.3	0.001	0.06	1.08	3.2	2.6	0.4	31.1	<0.01	0.05	0.8
ZZ30206		0.67	43.6	820	11.6	8.0	<0.001	0.07	0.92	2.9	2.8	0.4	28.1	<0.01	0.02	0.8
ZZ30207		0.16	30.7	820	22.1	6.4	0.001	0.09	0.70	3.2	2.0	0.4	21.3	<0.01	0.08	1.0
ZZ30208		0.07	34.8	800	22.4	11.5	<0.001	0.37	0.60	5.1	1.5	0.5	42.4	<0.01	0.08	2.5
ZZ30209		0.31	39.0	2310	5.9	3.9	<0.001	0.19	0.42	0.6	1.2	0.2	42.7	<0.01	0.02	0.2
ZZ30210		0.39	36.7	1430	8.4	3.1	<0.001	0.21	0.58	0.8	2.2	0.2	40.5	<0.01	0.03	0.2
ZZ30211		0.29	14.3	1110	4.0	1.6	<0.001	0.21	0.28	0.5	1.2	<0.2	56.1	<0.01	0.02	<0.2
ZZ30212		0.54	14.2	1200	6.8	2.6	0.001	0.23	0.42	0.6	0.9	0.2	27.8	<0.01	0.04	<0.2
ZZ30213		0.33	84.5	1210	14.0	3.8	<0.001	0.15	1.17	0.9	0.6	0.4	30.1	<0.01	0.18	0.3
ZZ30214		0.25	84.0	960	10.3	4.4	0.004	0.10	1.28	2.5	5.5	0.4	43.4	<0.01	0.20	0.7
ZZ30215		0.25	63.2	820	9.5	3.6	0.003	0.10	0.91	1.6	3.1	0.3	35.0	<0.01	0.08	0.5
ZZ30216		0.24	49.0	890	8.7	3.3	0.009	0.12	0.99	1.5	3.7	0.3	41.1	<0.01	0.09	0.6
ZZ30217		0.34	38.4	1100	16.2	3.4	0.006	0.12	1.24	1.9	2.7	0.4	58.2	<0.01	0.06	0.7
ZZ30218		0.30	35.7	990	8.9	5.1	0.003	0.13	1.38	2.1	2.4	0.3	58.1	<0.01	0.03	0.9
ZZ30219		0.25	73.0	1120	9.0	6.2	0.003	0.13	5.51	3.6	4.4	0.6	80.1	<0.01	0.11	1.5
ZZ30220		0.30	66.9	1200	8.3	5.1	0.004	0.08	3.00	2.7	3.6	0.4	73.0	<0.01	0.06	1.1
ZZ30221		0.46	51.0	740	11.7	14.0	0.004	0.03	2.74	5.5	2.0	0.5	34.6	<0.01	0.04	4.0
ZZ30222		0.39	35.5	1040	8.1	6.6	0.002	0.10	0.96	3.8	1.7	0.5	70.9	<0.01	0.02	1.2
ZZ30223		0.40	38.3	1120	8.6	7.3	0.003	0.12	1.34	3.3	2.0	0.4	82.5	<0.01	0.03	0.7
ZZ30224		0.40	53.0	980	9.2	8.5	0.005	0.09	1.89	3.5	2.0	0.5	61.2	<0.01	0.04	1.1
ZZ30225		0.30	39.0	1150	8.5	5.7	0.005	0.10	1.69	3.3	2.0	0.4	66.3	<0.01	0.04	1.2
ZZ30226		0.33	34.7	880	6.4	7.3	0.003	0.15	1.40	2.3	1.9	0.3	97.2	<0.01	0.03	0.6
ZZ30227		0.34	44.4	870	7.3	4.7	0.002	0.14	1.28	2.3	1.6	0.3	93.6	<0.01	0.02	0.6
ZZ30228		0.37	25.9	710	11.5	5.3	0.002	0.09	0.79	3.4	1.2	0.4	51.5	<0.01	0.04	1.0
ZZ30229		0.41	24.7	760	12.7	5.6	0.002	0.08	0.62	3.5	1.3	0.4	69.9	<0.01	0.04	1.0
ZZ30230		0.38	18.6	670	12.7	5.0	<0.001	0.10	0.46	2.1	1.0	0.3	139.0	<0.01	0.04	0.6
ZZ30231		0.43	14.7	540	11.8	4.4	0.001	0.10	0.33	2.2	0.7	0.3	178.5	<0.01	0.05	0.6
ZZ30232		0.40	23.6	470	16.7	5.8	<0.001	0.07	0.43	3.2	0.9	0.4	106.0	<0.01	0.04	1.1
ZZ30233		0.38	19.7	500	11.9	4.8	0.001	0.08	0.48	3.1	0.7	0.3	104.5	<0.01	0.05	1.1
ZZ30234		0.28	26.1	590	16.1	6.7	0.002	0.07	0.55	3.2	1.3	0.4	81.7	<0.01	0.04	1.3
ZZ30235		0.27	28.0	520	20.7	7.2	0.001	0.07	0.53	3.3	1.1	0.4	68.7	<0.01	0.03	1.5
ZZ30236		0.20	21.1	640	13.7	6.6	0.002	0.13	0.39	2.0	1.0	0.3	115.0	<0.01	0.02	0.8
ZZ30237		0.33	22.7	660	16.8	9.4	0.001	0.10	0.44	3.2	0.8	0.4	76.6	0.01	0.02	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30198		0.008	0.15	0.68	42	0.18	51.8	249	1.3
ZZ30199		0.005	0.16	2.63	41	0.17	31.6	244	0.8
ZZ30200		<0.005	0.26	3.09	34	0.14	29.7	197	1.3
ZZ30201		0.013	0.23	1.15	58	0.20	10.00	213	<0.5
ZZ30202		0.014	0.11	1.03	49	0.21	11.40	138	0.5
ZZ30203		0.007	0.25	1.02	53	0.10	12.25	188	1.1
ZZ30204		0.005	0.45	2.33	47	0.10	52.2	248	2.3
ZZ30205		0.008	0.19	1.48	44	0.13	32.8	166	1.4
ZZ30206		0.013	0.19	2.21	53	0.27	31.6	137	1.1
ZZ30207		<0.005	0.11	1.69	33	<0.05	13.45	128	1.6
ZZ30208		<0.005	0.24	0.72	22	<0.05	9.40	124	1.9
ZZ30209		0.008	0.07	1.14	22	0.14	16.20	223	1.6
ZZ30210		0.009	0.07	1.25	33	0.11	23.6	360	1.1
ZZ30211		0.006	0.05	1.66	17	0.05	23.0	124	0.7
ZZ30212		0.016	0.07	0.40	22	0.08	12.25	137	1.6
ZZ30213		<0.005	0.10	0.63	35	0.06	15.75	223	0.8
ZZ30214		<0.005	0.24	1.76	58	0.10	27.5	272	1.5
ZZ30215		<0.005	0.13	2.74	38	0.06	22.3	219	1.5
ZZ30216		<0.005	0.18	2.72	61	0.05	16.25	169	1.8
ZZ30217		<0.005	0.20	2.62	85	0.11	16.55	249	1.5
ZZ30218		<0.005	0.14	2.19	63	0.06	13.75	208	1.4
ZZ30219		<0.005	0.51	2.95	157	0.09	20.1	418	1.0
ZZ30220		<0.005	0.34	2.75	203	0.09	19.35	411	1.4
ZZ30221		0.007	0.21	1.42	104	<0.05	15.35	459	3.7
ZZ30222		<0.005	0.13	1.47	50	<0.05	15.15	151	2.0
ZZ30223		<0.005	0.14	1.34	59	<0.05	15.05	185	1.8
ZZ30224		<0.005	0.16	1.59	90	<0.05	15.65	269	1.9
ZZ30225		<0.005	0.16	1.30	80	<0.05	14.40	285	1.5
ZZ30226		<0.005	0.12	4.35	56	<0.05	9.36	186	1.7
ZZ30227		<0.005	0.08	1.35	50	<0.05	14.95	159	1.7
ZZ30228		<0.005	0.10	0.81	48	<0.05	11.05	139	1.3
ZZ30229		<0.005	0.10	0.94	41	<0.05	11.45	130	1.3
ZZ30230		<0.005	0.09	1.67	26	0.07	9.52	82	1.3
ZZ30231		<0.005	0.07	1.30	20	<0.05	8.84	51	1.2
ZZ30232		<0.005	0.10	1.39	22	<0.05	8.72	90	1.3
ZZ30233		<0.005	0.08	1.28	32	0.05	9.53	82	1.2
ZZ30234		<0.005	0.11	1.46	33	<0.05	9.29	113	1.6
ZZ30235		<0.005	0.13	1.49	23	<0.05	9.28	98	1.9
ZZ30236		<0.005	0.11	1.27	15	<0.05	6.22	95	1.7
ZZ30237		<0.005	0.12	0.89	14	0.06	8.34	103	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30238		0.32	0.003	0.10	0.66	16.3	<0.2	10	170	0.94	0.28	1.53	0.25	15.15	13.1	11
ZZ30239		0.26	0.002	0.47	0.84	46.1	<0.2	<10	620	0.65	0.16	1.68	1.16	28.7	6.8	26
ZZ30240		0.29	0.005	0.23	0.43	9.3	<0.2	10	630	0.30	0.11	5.77	1.39	11.55	5.0	12
ZZ30241		0.34	0.004	0.21	0.68	45	<0.2	<10	390	0.52	0.22	13.00	2.24	17.30	9.2	17
ZZ30242		0.40	0.006	0.13	0.69	294	<0.2	<10	280	0.81	0.24	6.13	1.10	17.30	16.4	21
ZZ30243		0.40	0.004	0.48	0.69	196.0	<0.2	<10	180	0.69	0.24	0.47	0.82	9.69	6.8	27
ZZ30244		0.32	0.005	0.19	1.11	87.0	<0.2	<10	230	0.48	0.25	0.26	0.77	18.30	7.8	28
ZZ30245		0.20	0.002	0.16	1.20	62.3	<0.2	<10	390	0.70	0.22	1.08	1.99	21.8	9.3	26
ZZ30246		0.26	0.003	0.46	0.75	113.5	<0.2	<10	260	0.65	0.19	3.90	1.71	15.95	8.6	16
ZZ30247		0.18	0.007	0.50	0.82	288	<0.2	10	250	0.79	0.14	3.60	0.95	8.45	9.5	30
ZZ30248		0.24	0.005	0.26	0.70	142.0	<0.2	<10	250	0.48	0.15	3.21	0.53	11.00	6.3	17
ZZ30249		0.26	0.002	0.27	2.16	59.0	<0.2	<10	370	1.16	0.25	0.85	1.64	46.1	14.0	35
ZZ30250		0.27	0.004	0.27	1.10	44.4	<0.2	<10	470	0.92	0.19	2.00	1.11	11.25	10.1	26
ZZ30251		0.31	0.004	0.12	0.52	9.3	<0.2	<10	370	0.60	0.20	2.74	1.18	6.34	6.9	12
ZZ30252		0.33	0.005	0.27	0.53	13.9	<0.2	<10	410	0.69	0.27	1.85	2.11	7.61	9.6	33
ZZ30253		0.30	0.007	0.20	0.59	1.7	<0.2	<10	180	0.25	0.06	4.55	1.66	10.20	4.6	10
ZZ30254		0.34	0.002	0.22	0.86	13.3	<0.2	<10	240	0.52	0.16	1.88	11.10	20.6	26.0	28
ZZ30255		0.28	0.005	0.44	1.40	28.3	<0.2	<10	600	0.79	0.19	2.68	1.89	21.7	8.7	23
ZZ30256		0.23	0.002	0.04	1.45	6.4	<0.2	<10	560	0.86	0.26	3.86	5.40	25.8	9.4	33
ZZ30257		0.30	0.004	1.40	0.59	22.0	<0.2	<10	600	0.46	0.16	1.86	0.86	11.90	5.2	20
ZZ30258		0.24	0.004	1.30	0.43	13.5	<0.2	<10	1240	0.43	0.14	2.86	0.94	10.35	4.6	14
ZZ30259		0.18	0.003	0.81	0.65	17.0	<0.2	<10	790	0.56	0.12	3.40	1.32	9.07	5.9	15
ZZ30260		0.36	0.007	0.53	0.58	15.9	<0.2	<10	1950	0.87	0.17	0.61	2.28	20.7	10.7	16
ZZ30261		0.28	0.056	0.96	0.50	15.7	<0.2	<10	1090	0.65	0.14	0.79	1.51	16.90	9.4	16
ZZ30262		0.38	0.005	1.10	0.72	37.5	<0.2	<10	1560	1.08	0.16	0.58	8.15	14.05	8.1	30
ZZ30263		0.22	0.008	0.44	1.11	17.0	<0.2	<10	1100	0.92	0.14	1.91	1.08	30.4	13.9	19
ZZ30264		0.31	0.002	0.50	0.95	16.0	<0.2	<10	620	0.76	0.13	1.34	1.63	25.1	10.5	17
ZZ30265		0.20	0.005	0.32	0.51	5.7	<0.2	<10	640	0.27	0.06	3.50	1.30	9.40	4.4	9
ZZ30266		0.12	0.003	0.30	0.52	8.7	<0.2	10	490	0.49	0.09	3.67	2.31	10.55	5.6	8
ZZ30267		0.24	0.006	0.34	0.87	18.6	<0.2	<10	620	0.84	0.17	2.01	0.89	20.8	10.7	16
ZZ30268		0.25	0.006	0.38	0.92	21.2	<0.2	10	520	0.53	0.22	2.33	1.20	22.5	11.7	18
ZZ30269		0.22	0.008	0.26	0.51	20.6	<0.2	10	360	0.35	0.13	5.39	0.90	16.90	7.8	10
ZZ30270		0.38	0.002	0.23	0.73	14.6	<0.2	10	390	0.47	0.21	2.77	0.50	15.60	9.8	12

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30238		1.01	29.9	3.10	2.38	0.06	0.10	0.66	0.038	0.09	5.2	11.3	0.40	366	0.96	<0.01
ZZ30239		0.75	17.4	2.07	2.38	0.06	0.02	0.19	0.031	0.04	23.1	6.9	0.20	335	1.52	<0.01
ZZ30240		0.55	13.4	1.09	1.28	0.07	0.03	0.12	0.016	0.04	18.1	3.4	0.09	432	1.14	0.01
ZZ30241		0.66	20.3	1.78	2.10	0.07	0.04	0.09	0.033	0.06	24.0	5.5	0.20	449	1.39	0.01
ZZ30242		1.68	31.9	2.31	2.41	0.08	0.06	0.21	0.036	0.12	18.0	7.0	0.11	548	2.68	<0.01
ZZ30243		1.25	41.3	2.25	2.50	0.05	0.04	0.14	0.042	0.10	11.8	4.0	0.05	163	9.50	<0.01
ZZ30244		0.95	25.8	2.87	4.51	<0.05	<0.02	0.04	0.032	0.11	9.9	12.4	0.30	255	5.08	<0.01
ZZ30245		1.13	18.5	2.35	3.98	<0.05	0.04	0.07	0.030	0.07	15.2	7.6	0.22	519	5.29	<0.01
ZZ30246		0.50	22.7	2.00	2.41	0.06	0.08	0.17	0.026	0.12	18.4	5.7	0.16	379	3.13	<0.01
ZZ30247		0.50	23.2	2.18	2.16	0.05	0.07	0.13	0.030	0.14	15.1	5.4	0.10	321	2.33	0.01
ZZ30248		0.59	13.6	1.10	2.04	0.05	0.06	0.21	0.026	0.05	16.5	3.9	0.07	222	1.42	<0.01
ZZ30249		1.52	14.5	3.12	5.51	0.06	0.04	0.10	0.040	0.06	27.1	13.9	0.42	505	1.44	0.01
ZZ30250		0.45	22.1	2.68	3.02	<0.05	0.06	0.18	0.034	0.07	7.5	11.3	0.22	519	1.35	<0.01
ZZ30251		0.36	21.8	2.24	1.35	<0.05	0.05	0.11	0.032	0.08	4.4	4.1	0.12	206	1.52	0.01
ZZ30252		0.54	25.8	3.25	1.41	<0.05	0.05	0.12	0.047	0.12	5.4	5.3	0.07	190	1.86	0.02
ZZ30253		0.21	7.0	0.64	1.09	0.05	0.04	0.10	0.010	0.03	19.4	0.9	0.03	340	1.02	0.01
ZZ30254		0.39	16.5	1.93	2.36	0.06	0.03	0.24	0.027	0.03	20.3	3.6	0.05	1720	2.70	<0.01
ZZ30255		0.56	21.0	2.19	3.98	<0.05	0.03	0.20	0.027	0.04	14.7	8.2	0.28	399	1.51	<0.01
ZZ30256		0.93	16.6	2.36	4.41	0.07	0.06	0.08	0.046	0.05	28.3	8.7	0.20	1260	2.05	<0.01
ZZ30257		0.41	28.2	1.59	1.88	0.05	0.05	0.22	0.028	0.06	9.7	4.3	0.11	165	8.50	<0.01
ZZ30258		0.29	29.8	1.26	1.48	0.05	0.06	0.15	0.023	0.06	8.0	3.2	0.09	156	1.36	<0.01
ZZ30259		0.36	23.3	1.26	1.99	<0.05	0.05	0.15	0.022	0.06	6.2	4.9	0.13	183	1.98	<0.01
ZZ30260		0.73	71.1	2.30	2.23	0.06	0.04	0.26	0.042	0.10	8.6	2.4	0.04	265	5.42	<0.01
ZZ30261		0.61	65.1	2.23	2.11	0.06	0.04	0.22	0.038	0.08	6.6	2.1	0.05	190	7.60	<0.01
ZZ30262		0.68	89.1	2.16	2.98	0.05	0.02	0.22	0.037	0.11	8.0	5.3	0.08	183	30.8	<0.01
ZZ30263		0.43	34.0	2.75	3.69	0.05	0.05	0.16	0.033	0.07	14.0	12.5	0.27	435	4.72	<0.01
ZZ30264		0.70	31.5	2.34	3.36	0.05	0.08	0.13	0.033	0.13	10.8	12.0	0.33	214	4.19	<0.01
ZZ30265		0.35	16.8	0.99	1.77	<0.05	0.05	0.10	0.013	0.06	3.7	4.0	0.15	197	1.80	<0.01
ZZ30266		0.36	26.1	1.25	1.60	0.05	0.07	0.22	0.016	0.05	5.3	4.8	0.19	284	1.89	<0.01
ZZ30267		0.39	32.0	2.73	2.62	0.06	0.06	0.61	0.030	0.06	8.5	9.7	0.26	446	3.57	<0.01
ZZ30268		0.50	30.8	2.96	2.93	0.05	0.06	0.82	0.038	0.07	10.4	7.6	0.64	518	3.22	<0.01
ZZ30269		0.40	20.9	1.80	1.39	<0.05	0.06	1.05	0.025	0.07	7.7	3.1	1.31	344	1.49	0.01
ZZ30270		0.94	29.6	2.44	1.95	<0.05	0.06	0.66	0.030	0.08	7.4	7.0	0.74	354	1.43	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30238		0.40	30.8	460	27.7	9.6	0.001	0.05	0.44	5.2	1.0	0.5	45.7	0.01	0.05	2.7
ZZ30239		0.33	26.8	1170	9.8	6.4	0.001	0.10	0.75	1.2	2.1	0.3	37.3	<0.01	0.05	0.4
ZZ30240		0.20	14.2	1680	7.1	3.5	0.001	0.28	0.45	0.5	1.8	0.2	63.8	<0.01	0.06	0.2
ZZ30241		0.23	28.0	1730	15.9	5.6	0.001	0.10	0.65	1.0	2.1	0.4	90.5	<0.01	0.20	0.4
ZZ30242		0.16	61.7	1320	21.6	8.5	0.001	0.02	1.19	4.6	2.8	0.5	40.7	<0.01	0.22	1.8
ZZ30243		0.20	84.9	570	14.7	11.9	<0.001	0.03	1.34	3.9	4.6	0.7	13.3	<0.01	0.07	1.0
ZZ30244		0.77	51.2	410	16.8	10.7	<0.001	0.01	1.03	2.3	3.3	0.6	15.3	<0.01	0.06	0.9
ZZ30245		0.53	41.0	900	17.5	9.7	0.001	0.06	0.88	2.7	2.1	0.5	31.5	<0.01	0.04	0.7
ZZ30246		0.34	42.1	1290	19.9	6.9	0.001	0.10	1.01	2.4	3.1	0.4	45.9	<0.01	0.05	0.7
ZZ30247		0.19	35.1	1960	10.6	8.6	0.001	0.17	0.90	1.9	1.7	0.3	42.9	<0.01	0.06	0.5
ZZ30248		0.21	21.0	1130	11.2	5.2	0.001	0.14	0.73	1.6	2.2	0.3	40.2	<0.01	0.09	0.4
ZZ30249		1.10	32.4	840	19.3	10.6	<0.001	0.04	0.62	4.8	1.6	0.6	22.3	<0.01	0.05	2.0
ZZ30250		0.27	35.0	1180	33.9	8.0	0.001	0.11	0.56	2.5	2.1	0.4	30.4	<0.01	0.04	0.8
ZZ30251		0.09	30.6	910	13.1	6.7	0.001	0.20	0.46	1.8	1.6	0.4	32.2	<0.01	0.03	0.6
ZZ30252		0.06	40.8	1110	17.9	8.7	0.001	0.30	0.66	3.3	1.5	0.4	42.5	<0.01	0.10	1.3
ZZ30253		0.18	13.7	1410	3.4	1.3	0.002	0.24	0.22	0.8	2.3	<0.2	45.9	0.01	0.02	0.2
ZZ30254		0.20	137.5	1640	19.0	4.7	0.002	0.11	1.35	2.2	2.2	0.5	22.3	<0.01	0.07	0.3
ZZ30255		0.57	47.9	1480	23.5	5.8	0.001	0.13	0.71	1.3	1.9	0.5	23.7	<0.01	0.08	0.3
ZZ30256		0.71	33.2	1210	18.9	6.4	<0.001	0.10	0.67	2.4	1.8	0.6	35.0	0.01	0.08	0.6
ZZ30257		0.22	53.3	840	11.0	6.4	0.003	0.08	1.24	2.3	5.0	0.4	27.1	<0.01	0.23	0.6
ZZ30258		0.19	47.7	900	9.7	5.2	0.003	0.10	0.98	2.2	3.1	0.3	52.0	<0.01	0.08	0.8
ZZ30259		0.24	53.8	810	9.3	5.9	0.004	0.13	0.83	1.4	2.8	0.3	35.8	<0.01	0.07	0.4
ZZ30260		0.14	75.0	1720	12.8	7.7	0.003	0.04	2.88	5.6	3.9	0.5	89.7	<0.01	0.06	4.7
ZZ30261		0.14	75.9	1460	10.5	6.7	0.004	0.03	3.55	5.7	4.3	0.5	58.7	0.01	0.08	4.0
ZZ30262		0.17	93.2	1230	17.1	8.9	0.003	0.08	9.51	3.5	6.9	0.7	65.0	<0.01	0.15	1.4
ZZ30263		0.35	47.2	1000	15.4	7.7	0.004	0.07	1.69	3.4	2.4	0.5	47.6	<0.01	0.05	1.2
ZZ30264		0.31	42.4	910	12.0	10.2	0.008	0.05	1.88	3.8	2.5	0.5	40.7	<0.01	0.04	2.4
ZZ30265		0.23	20.4	690	5.3	6.1	0.002	0.13	1.01	1.4	1.2	0.3	66.7	<0.01	0.02	0.5
ZZ30266		0.22	30.3	750	6.8	4.9	0.002	0.13	1.22	1.9	2.4	0.2	74.3	<0.01	0.03	0.6
ZZ30267		0.28	33.3	720	14.8	6.2	0.002	0.06	1.00	3.6	2.2	0.4	51.6	<0.01	0.04	1.3
ZZ30268		0.51	34.9	630	18.6	6.4	0.001	0.04	1.44	3.1	2.2	0.5	56.6	0.01	0.05	1.5
ZZ30269		0.24	21.7	690	14.2	4.3	0.001	0.07	1.23	1.9	1.6	0.3	86.4	<0.01	0.03	0.8
ZZ30270		0.28	25.8	600	16.6	7.5	0.001	0.05	0.77	3.0	1.5	0.3	47.4	<0.01	0.05	1.3

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ30238		<0.005	0.17	0.76	17	0.05	9.19	119	2.6
ZZ30239		0.010	0.24	1.19	42	0.20	32.9	103	0.6
ZZ30240		0.005	0.10	2.43	19	0.07	29.9	152	0.9
ZZ30241		0.007	0.17	1.08	30	0.16	43.7	190	1.1
ZZ30242		<0.005	0.60	1.83	48	0.16	41.0	249	1.8
ZZ30243		<0.005	0.46	2.49	63	0.06	27.1	251	1.1
ZZ30244		0.026	0.19	0.80	56	0.22	4.66	188	<0.5
ZZ30245		0.016	0.18	1.26	54	0.12	19.50	200	1.0
ZZ30246		0.006	0.31	1.75	38	0.08	31.8	191	2.4
ZZ30247		<0.005	0.23	1.41	43	0.06	28.9	156	2.2
ZZ30248		<0.005	0.22	3.76	29	0.07	31.5	85	1.9
ZZ30249		0.020	0.20	2.19	60	0.27	28.2	141	1.2
ZZ30250		<0.005	0.14	1.30	37	0.05	14.20	214	1.5
ZZ30251		<0.005	0.12	1.42	18	<0.05	10.45	114	1.6
ZZ30252		<0.005	0.16	0.78	25	<0.05	12.90	177	1.8
ZZ30253		0.010	0.05	1.85	19	<0.05	31.5	161	1.6
ZZ30254		0.007	0.21	5.27	83	0.06	40.7	937	0.7
ZZ30255		0.010	0.10	2.35	58	0.17	21.7	187	0.9
ZZ30256		0.018	0.10	0.75	79	0.11	72.7	384	1.8
ZZ30257		<0.005	0.19	3.76	52	0.09	23.0	184	1.4
ZZ30258		<0.005	0.11	3.12	38	0.05	19.90	148	2.1
ZZ30259		<0.005	0.17	2.48	44	0.05	14.45	186	1.8
ZZ30260		<0.005	0.23	3.84	114	<0.05	21.6	385	1.3
ZZ30261		<0.005	0.23	3.78	118	<0.05	18.05	398	1.2
ZZ30262		<0.005	0.75	4.42	468	0.19	28.5	506	0.9
ZZ30263		<0.005	0.19	2.70	107	<0.05	16.20	208	1.7
ZZ30264		<0.005	0.21	1.73	78	<0.05	12.80	262	2.7
ZZ30265		<0.005	0.11	0.72	33	<0.05	3.48	138	1.8
ZZ30266		<0.005	0.10	1.84	36	<0.05	7.89	132	2.1
ZZ30267		<0.005	0.12	2.77	57	0.05	12.35	123	1.6
ZZ30268		0.006	0.15	2.46	58	0.09	13.00	136	1.3
ZZ30269		<0.005	0.13	3.38	30	0.05	10.30	104	2.0
ZZ30270		<0.005	0.12	2.16	29	0.08	12.35	90	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121807

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

CERTIFICATE WH13121808

Project: Nadaleen

P.O. No.: S013-05

This report is for 154 Soil samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30517		0.08	0.005	0.84	0.34	22.0	<0.2	<10	880	0.44	0.10	0.85	2.41	5.81	2.9	13
ZZ30518		0.14	0.005	0.84	0.68	22.0	<0.2	<10	720	0.51	0.13	0.52	3.12	15.80	7.1	21
ZZ30519		0.13	0.003	0.85	0.79	36.6	<0.2	<10	770	0.56	0.13	1.93	10.45	11.20	7.1	20
ZZ30520		0.07	0.004	0.52	0.68	19.7	<0.2	<10	660	0.38	0.14	0.96	1.40	10.10	5.3	15
ZZ30521		0.09	0.005	0.78	0.38	22.8	<0.2	<10	770	0.48	0.14	1.27	2.57	8.11	6.6	12
ZZ30522		0.17	0.007	0.91	0.43	27.2	<0.2	<10	950	0.51	0.18	1.06	2.01	5.68	7.1	12
ZZ30523		0.09	0.005	0.97	0.44	26.3	<0.2	<10	920	0.52	0.12	2.04	3.27	7.74	8.5	10
ZZ30524		0.23	0.002	0.70	0.44	38.5	<0.2	<10	520	0.40	0.14	0.46	2.20	6.43	4.5	15
ZZ30525		0.21	0.005	1.28	0.83	30.5	<0.2	<10	980	0.76	0.13	2.43	7.12	13.55	7.2	30
ZZ30526		0.08	0.004	1.14	0.39	23.6	<0.2	<10	1290	0.73	0.08	3.82	23.1	7.08	4.1	16
ZZ30527		0.05	0.005	0.53	0.24	5.2	<0.2	<10	1520	0.59	0.05	3.02	11.75	4.95	3.6	6
ZZ30528		0.17	0.006	0.85	0.73	18.6	<0.2	<10	1490	0.63	0.16	1.06	2.58	12.15	5.8	18
ZZ30529		0.13	0.004	0.80	0.48	26.8	<0.2	<10	1110	0.55	0.13	2.24	3.01	12.75	7.1	14
ZZ30530		0.10	0.004	0.69	0.66	17.0	<0.2	<10	1380	0.76	0.10	2.54	3.20	17.20	8.4	14
ZZ30531		0.07	0.005	0.53	1.39	10.4	<0.2	<10	1090	0.93	0.11	2.51	2.46	42.9	13.9	16
ZZ30532		0.06	0.004	0.32	1.00	9.3	<0.2	<10	560	0.68	0.10	2.50	1.07	33.8	9.3	15
ZZ30533		0.06	0.002	0.34	1.19	16.2	<0.2	<10	500	0.72	0.12	1.87	1.19	37.6	13.2	18
ZZ30534		0.13	0.002	0.34	1.24	36.1	<0.2	<10	510	0.79	0.15	1.86	1.55	37.0	12.9	19
ZZ30535		0.12	0.002	0.29	1.34	11.7	<0.2	<10	320	0.79	0.12	1.84	0.84	47.4	18.2	22
ZZ30536		0.11	0.002	0.27	1.04	13.7	<0.2	<10	250	0.72	0.13	1.29	0.92	41.7	18.7	16
ZZ30537		0.07	0.001	0.26	1.10	9.0	<0.2	<10	330	0.70	0.11	2.56	0.62	25.2	10.5	16
ZZ30538		0.18	0.001	0.51	1.52	14.6	<0.2	<10	440	0.73	0.17	0.95	2.01	35.0	11.4	24
ZZ30539		0.08	0.002	0.36	1.03	13.1	<0.2	<10	670	0.60	0.11	1.96	1.29	21.0	11.6	17
ZZ30540		0.07	0.004	0.58	0.62	10.1	<0.2	10	600	0.56	0.10	3.32	2.02	14.55	7.8	13
ZZ30541		0.09	0.003	0.37	0.80	7.2	<0.2	10	530	0.79	0.09	2.89	2.57	38.0	9.2	15
ZZ30542		0.06	0.007	0.13	0.58	2.1	<0.2	<10	170	0.31	0.05	3.88	6.25	18.75	9.7	7
ZZ30543		0.07	0.003	0.24	1.21	14.6	<0.2	10	350	0.81	0.13	2.60	1.16	36.0	14.0	20
ZZ30544		0.11	0.002	0.37	1.01	17.0	<0.2	10	430	0.71	0.10	2.71	2.29	31.4	13.9	19
ZZ30545		0.12	0.002	0.30	0.99	18.1	<0.2	<10	420	0.76	0.10	2.42	2.43	33.2	12.7	16
ZZ30546		0.06	0.002	0.50	0.53	19.1	<0.2	10	740	0.56	0.11	1.65	2.81	12.50	8.5	11
ZZ30547		0.11	0.003	0.68	0.81	16.5	<0.2	<10	620	0.71	0.10	2.84	4.88	18.05	9.3	14
ZZ30548		0.07	0.058	0.22	0.75	11.5	<0.2	<10	340	0.39	0.08	2.75	1.45	14.80	8.4	16
ZZ30549		0.13	0.004	0.91	0.68	18.3	<0.2	<10	780	0.65	0.14	1.88	2.92	17.20	8.6	15
ZZ30550		0.12	0.004	0.78	0.80	17.0	<0.2	10	570	0.74	0.17	2.00	5.48	28.9	14.4	19
ZZ30551		0.13	0.004	0.36	0.90	73.0	<0.2	10	420	0.56	0.17	2.81	1.36	11.50	5.8	22
ZZ30552		0.13	0.003	0.48	0.71	82.2	<0.2	10	420	0.54	0.16	2.37	1.54	11.75	5.2	22
ZZ30553		0.25	0.001	0.09	1.08	124.5	<0.2	<10	190	0.54	0.18	0.97	1.12	17.05	8.7	25
ZZ30554		0.29	0.001	0.18	0.43	193.5	<0.2	<10	90	0.31	0.07	6.93	1.44	8.23	8.8	14
ZZ30555		0.32	0.002	0.52	0.64	470	<0.2	<10	250	0.54	0.14	0.71	0.81	13.05	8.8	25
ZZ30556		0.15	0.001	0.48	0.78	113.5	<0.2	<10	190	0.49	0.13	2.83	1.63	7.93	4.9	19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30517		1.08	40.1	1.26	1.45	0.05	0.04	0.12	0.020	0.08	3.3	1.1	0.04	24	6.68	0.02
ZZ30518		0.54	38.0	1.87	2.54	0.08	0.05	0.30	0.023	0.06	9.1	7.6	0.20	121	15.25	0.01
ZZ30519		0.48	34.1	1.79	2.65	0.07	0.05	0.24	0.022	0.05	6.5	7.1	0.15	271	9.51	0.01
ZZ30520		0.80	27.7	1.60	2.45	0.06	0.05	0.22	0.021	0.05	5.3	4.8	0.11	125	3.99	0.01
ZZ30521		0.58	41.1	1.87	1.65	0.07	0.06	0.19	0.026	0.07	3.7	2.1	0.07	179	5.62	0.01
ZZ30522		0.55	44.5	1.80	1.79	0.07	0.05	0.21	0.029	0.07	2.7	2.3	0.08	229	4.55	0.01
ZZ30523		0.43	53.3	1.82	1.58	0.09	0.06	0.24	0.023	0.05	3.7	2.6	0.20	300	3.41	0.01
ZZ30524		0.61	41.3	1.73	2.54	0.06	0.02	0.14	0.024	0.08	3.4	1.9	0.06	52	8.33	0.01
ZZ30525		0.48	46.7	1.60	2.73	0.08	0.07	0.29	0.025	0.04	9.1	5.6	0.21	224	6.16	0.01
ZZ30526		0.45	66.2	1.08	1.60	0.09	0.09	0.32	0.017	0.05	6.7	1.8	0.09	133	18.35	0.02
ZZ30527		0.28	51.0	0.82	0.70	0.07	0.07	0.23	0.009	0.04	3.0	0.7	0.10	305	2.16	<0.01
ZZ30528		0.61	45.2	1.78	2.55	0.08	0.05	0.19	0.027	0.05	6.3	4.4	0.09	163	7.59	<0.01
ZZ30529		0.35	50.4	2.08	1.74	0.08	0.05	0.18	0.027	0.06	6.4	3.0	0.10	190	5.32	0.01
ZZ30530		0.34	53.4	1.98	2.05	0.08	0.08	0.18	0.025	0.04	9.3	2.9	0.09	379	6.87	<0.01
ZZ30531		0.56	37.5	2.39	4.15	0.12	0.08	0.24	0.034	0.09	22.6	11.7	0.29	1600	2.66	0.02
ZZ30532		0.64	25.1	2.16	3.76	0.09	0.07	0.13	0.027	0.08	15.9	12.9	0.35	296	2.11	0.01
ZZ30533		0.55	31.2	3.11	4.52	0.11	0.08	0.17	0.032	0.11	16.8	16.4	0.43	504	3.40	0.01
ZZ30534		0.51	37.1	3.08	4.41	0.10	0.07	0.13	0.037	0.10	17.2	14.2	0.39	415	4.30	0.01
ZZ30535		0.62	36.9	3.60	4.67	0.12	0.07	0.12	0.039	0.12	21.6	18.0	0.58	665	2.88	0.01
ZZ30536		0.60	43.0	4.42	3.60	0.14	0.09	0.11	0.047	0.15	19.1	12.5	0.43	481	4.38	0.01
ZZ30537		0.51	27.7	2.48	3.65	0.09	0.08	0.10	0.029	0.09	12.3	14.7	0.41	252	2.65	0.01
ZZ30538		0.64	37.8	3.33	5.64	0.11	0.07	0.08	0.038	0.14	15.0	18.5	0.46	217	5.46	0.01
ZZ30539		0.44	28.5	2.42	3.68	0.09	0.06	0.09	0.029	0.09	9.2	12.4	0.35	337	4.25	0.01
ZZ30540		0.45	47.6	1.54	2.05	0.07	0.07	0.17	0.023	0.07	7.4	6.4	0.21	308	2.26	0.01
ZZ30541		0.46	34.1	1.67	2.53	0.09	0.07	0.12	0.023	0.08	21.2	8.1	0.25	388	1.94	0.01
ZZ30542		0.57	23.9	1.16	2.07	<0.05	0.04	0.10	0.016	0.03	10.3	5.1	0.16	817	0.66	0.01
ZZ30543		0.43	32.6	2.78	3.83	0.07	0.09	0.10	0.036	0.11	16.9	21.0	0.57	333	2.25	<0.01
ZZ30544		0.38	37.0	2.47	3.37	0.06	0.07	0.09	0.028	0.09	15.0	16.6	0.49	544	2.61	<0.01
ZZ30545		0.41	27.5	2.57	3.31	0.06	0.07	0.08	0.029	0.09	15.3	15.4	0.40	513	1.62	<0.01
ZZ30546		0.37	36.6	1.68	1.70	<0.05	0.08	0.15	0.025	0.09	5.5	5.8	0.19	139	5.81	<0.01
ZZ30547		0.48	40.5	1.67	2.16	0.05	0.07	0.20	0.023	0.07	9.2	7.5	0.24	505	2.56	<0.01
ZZ30548		0.35	19.4	1.81	2.60	<0.05	0.04	0.10	0.020	0.05	7.0	8.7	0.29	308	1.85	0.01
ZZ30549		0.56	49.6	1.97	2.23	0.05	0.06	0.20	0.028	0.08	8.6	7.2	0.20	212	5.01	<0.01
ZZ30550		0.49	48.1	3.33	2.57	0.07	0.05	0.19	0.038	0.10	15.0	8.8	0.22	439	8.59	<0.01
ZZ30551		1.13	21.0	1.59	2.80	0.05	0.04	0.13	0.026	0.06	16.4	5.4	0.14	312	2.22	0.01
ZZ30552		1.39	24.9	1.59	1.95	0.06	0.04	0.16	0.026	0.07	16.3	4.1	0.12	230	2.95	<0.01
ZZ30553		1.41	16.6	1.98	3.27	<0.05	0.03	0.05	0.025	0.07	10.6	7.3	0.21	437	1.82	<0.01
ZZ30554		0.47	8.7	1.08	1.23	0.05	0.06	0.05	0.014	0.06	18.2	2.2	0.06	378	6.54	<0.01
ZZ30555		0.92	22.6	1.83	2.13	0.07	0.06	0.37	0.024	0.06	30.1	3.4	0.07	163	5.60	<0.01
ZZ30556		0.89	17.2	1.61	1.99	<0.05	0.05	0.17	0.019	0.04	10.6	3.3	0.10	277	1.48	<0.01

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30517		0.15	31.9	1000	9.2	7.5	0.002	0.24	3.01	2.2	5.5	0.3	81.5	<0.01	0.06	0.5
ZZ30518		0.40	71.0	970	9.4	5.6	0.003	0.05	5.07	3.3	4.2	0.4	40.1	0.01	0.07	2.0
ZZ30519		0.34	97.1	730	24.6	5.6	0.003	0.07	3.65	2.9	3.9	0.4	49.0	<0.01	0.06	0.9
ZZ30520		0.28	32.0	900	20.9	8.0	0.003	0.10	1.76	2.6	4.3	0.4	55.2	<0.01	0.05	1.1
ZZ30521		0.15	47.6	1400	17.7	6.4	0.005	0.06	3.34	3.2	3.8	0.4	83.8	<0.01	0.08	1.3
ZZ30522		0.20	65.2	730	30.5	6.2	0.008	0.08	3.18	3.7	7.5	0.5	89.7	<0.01	0.08	1.7
ZZ30523		0.19	54.6	1040	19.6	5.7	0.011	0.13	2.46	2.6	8.8	0.4	122.0	<0.01	0.05	0.7
ZZ30524		0.14	61.2	670	11.6	7.4	0.001	0.06	3.51	2.2	3.8	0.6	41.8	<0.01	0.07	0.7
ZZ30525		0.27	65.0	990	12.2	4.7	0.007	0.09	4.02	3.2	4.9	0.4	78.6	0.01	0.07	0.9
ZZ30526		0.17	139.0	1270	7.0	4.7	0.023	0.17	8.34	2.0	7.7	0.3	127.0	0.01	0.07	0.5
ZZ30527		0.11	127.0	800	3.4	3.2	0.005	0.16	3.11	1.6	4.6	<0.2	116.5	0.01	0.03	0.4
ZZ30528		0.26	57.1	1040	12.3	7.1	0.004	0.06	3.31	3.0	5.0	0.5	66.1	<0.01	0.08	1.4
ZZ30529		0.19	61.1	1370	12.4	4.6	0.009	0.09	3.34	2.9	4.4	0.4	71.2	0.01	0.08	1.1
ZZ30530		0.26	74.7	1020	9.1	4.4	0.002	0.13	3.51	2.3	4.2	0.3	71.2	0.01	0.06	0.7
ZZ30531		0.35	34.4	1670	10.6	8.3	0.003	0.13	1.22	3.1	4.3	0.5	69.2	0.01	0.04	0.9
ZZ30532		0.36	26.5	820	9.2	7.5	0.002	0.13	1.00	3.1	3.3	0.5	80.2	<0.01	0.03	1.4
ZZ30533		0.39	31.5	1130	12.8	7.7	0.002	0.09	1.48	3.6	1.9	0.5	58.8	<0.01	0.04	2.4
ZZ30534		0.40	41.0	950	15.8	7.2	0.002	0.08	1.83	4.4	1.9	0.5	53.2	0.01	0.04	2.4
ZZ30535		0.42	43.1	1190	13.7	9.4	0.002	0.08	1.06	4.3	1.5	0.5	56.3	<0.01	0.03	2.1
ZZ30536		0.38	37.3	1460	16.0	8.0	0.002	0.07	1.42	6.2	1.6	0.5	41.9	<0.01	0.02	3.4
ZZ30537		0.32	25.3	800	11.1	8.0	0.001	0.10	1.26	3.1	1.3	0.4	58.0	<0.01	0.02	1.3
ZZ30538		0.43	37.4	710	14.7	12.5	0.001	0.04	1.97	4.5	1.7	0.6	35.3	<0.01	0.04	2.5
ZZ30539		0.33	35.1	840	11.6	9.1	0.002	0.08	1.71	2.7	2.0	0.4	45.4	<0.01	0.04	1.1
ZZ30540		0.24	49.9	990	8.3	6.0	0.007	0.15	2.00	3.1	3.2	0.3	79.0	<0.01	0.04	1.2
ZZ30541		0.23	50.4	840	5.9	7.7	0.001	0.12	1.72	2.8	2.5	0.3	96.6	<0.01	0.02	0.9
ZZ30542		0.22	13.4	900	3.2	6.2	0.001	0.16	0.57	2.2	0.8	0.2	94.9	<0.01	0.02	0.4
ZZ30543		0.36	40.1	960	14.4	8.9	0.002	0.08	1.05	4.3	1.3	0.4	73.3	<0.01	0.02	1.5
ZZ30544		0.32	41.9	950	10.4	6.6	0.005	0.10	1.79	3.0	2.9	0.4	73.2	<0.01	0.03	1.0
ZZ30545		0.30	37.7	920	11.0	7.0	0.004	0.10	1.35	3.1	1.7	0.4	68.8	<0.01	0.03	1.3
ZZ30546		0.17	38.9	590	14.1	5.5	0.005	0.08	3.18	2.9	3.0	0.3	52.2	<0.01	0.04	1.4
ZZ30547		0.25	42.5	910	13.5	7.8	0.004	0.12	2.24	2.4	3.3	0.3	89.1	<0.01	0.03	0.6
ZZ30548		0.23	20.0	850	10.7	4.0	0.002	0.13	1.12	1.7	1.6	0.3	74.0	<0.01	0.03	0.5
ZZ30549		0.24	58.2	1160	16.0	6.4	0.008	0.09	2.93	3.2	4.5	0.4	74.8	<0.01	0.06	1.2
ZZ30550		0.31	74.4	1340	11.7	6.0	0.007	0.08	3.90	5.4	3.5	0.4	57.6	<0.01	0.06	1.7
ZZ30551		0.40	36.2	1690	10.3	10.0	0.001	0.20	0.74	1.3	2.3	0.4	43.7	<0.01	0.05	0.3
ZZ30552		0.24	46.2	1570	10.0	7.1	<0.001	0.14	0.83	1.5	3.0	0.4	43.6	<0.01	0.06	0.3
ZZ30553		0.39	44.2	1220	11.5	8.8	<0.001	0.07	0.83	2.1	1.5	0.4	18.9	<0.01	0.04	0.5
ZZ30554		0.09	47.2	1650	5.3	3.7	<0.001	0.08	1.72	1.3	1.6	0.2	36.1	<0.01	0.03	0.4
ZZ30555		0.14	54.6	820	7.4	5.7	<0.001	0.06	2.48	2.9	2.8	0.4	57.3	<0.01	0.03	0.4
ZZ30556		0.27	24.5	1750	6.2	6.2	0.001	0.17	0.75	1.1	2.8	0.3	32.2	<0.01	0.03	0.2

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Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30517		<0.005	0.48	2.01	80	0.13	8.37	163	0.9
ZZ30518		0.013	0.47	2.72	179	0.25	18.15	361	1.4
ZZ30519		0.005	0.40	3.87	284	0.19	15.10	567	1.7
ZZ30520		<0.005	0.28	2.10	82	0.11	9.16	151	1.3
ZZ30521		<0.005	0.23	2.32	97	0.10	14.00	365	1.6
ZZ30522		<0.005	0.29	4.90	82	0.09	8.64	381	2.0
ZZ30523		<0.005	0.22	2.26	84	0.11	14.30	297	1.9
ZZ30524		<0.005	0.46	1.60	131	0.11	7.49	442	<0.5
ZZ30525		<0.005	0.28	5.04	266	0.18	29.5	531	2.1
ZZ30526		<0.005	0.60	9.14	371	0.18	32.9	954	3.1
ZZ30527		<0.005	0.15	3.61	84	0.10	19.05	601	3.2
ZZ30528		<0.005	0.36	4.19	203	0.14	18.65	306	1.4
ZZ30529		<0.005	0.23	3.10	136	0.09	19.25	326	1.5
ZZ30530		<0.005	0.21	3.13	115	0.11	22.0	284	2.4
ZZ30531		<0.005	0.21	2.69	55	0.09	22.2	104	2.0
ZZ30532		0.005	0.16	1.88	42	0.09	10.75	103	2.2
ZZ30533		0.005	0.16	1.42	57	0.08	12.30	140	2.4
ZZ30534		<0.005	0.20	1.71	74	0.09	15.80	200	1.8
ZZ30535		<0.005	0.16	1.14	49	0.06	15.30	125	2.0
ZZ30536		<0.005	0.16	0.90	47	0.06	15.50	154	3.0
ZZ30537		<0.005	0.13	1.12	47	0.06	10.65	104	2.3
ZZ30538		<0.005	0.21	1.71	73	0.07	12.15	212	2.1
ZZ30539		<0.005	0.18	1.56	70	0.09	10.15	215	1.8
ZZ30540		<0.005	0.19	2.64	66	0.08	13.40	213	2.4
ZZ30541		<0.005	0.15	1.90	51	0.05	20.3	205	2.1
ZZ30542		0.007	0.05	0.34	25	0.05	6.74	98	1.2
ZZ30543		0.005	0.15	0.99	47	0.05	12.55	143	2.3
ZZ30544		<0.005	0.14	2.10	61	<0.05	12.60	205	2.1
ZZ30545		<0.005	0.15	2.26	51	<0.05	11.80	213	2.1
ZZ30546		<0.005	0.18	2.10	70	<0.05	11.00	323	2.6
ZZ30547		<0.005	0.20	2.69	51	0.05	15.15	252	2.2
ZZ30548		<0.005	0.11	1.26	50	<0.05	5.14	126	1.1
ZZ30549		<0.005	0.27	2.64	104	0.09	17.10	305	1.7
ZZ30550		<0.005	0.27	2.07	200	0.06	18.50	587	1.6
ZZ30551		0.006	0.23	2.99	39	0.09	33.2	142	1.0
ZZ30552		0.006	0.28	1.82	34	0.10	28.9	205	1.0
ZZ30553		0.012	0.24	2.61	47	0.15	21.8	226	0.8
ZZ30554		<0.005	0.23	1.43	25	<0.05	34.7	194	1.6
ZZ30555		<0.005	0.58	2.76	32	0.08	52.8	149	1.4
ZZ30556		0.006	0.15	2.14	29	0.06	18.45	103	1.2

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Finalized Date: 19- JUL- 2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30557		0.06	0.002	0.25	0.53	21.3	<0.2	<10	170	0.36	0.06	4.66	0.63	5.30	3.4	8
ZZ30558		0.24	0.002	0.17	1.41	71.7	<0.2	<10	240	0.87	0.26	0.96	0.30	7.45	8.9	28
ZZ30559		0.37	0.002	0.13	1.50	126.0	<0.2	<10	390	0.86	0.26	0.43	0.43	12.75	10.9	27
ZZ30560		0.24	0.003	0.23	1.71	19.0	<0.2	<10	350	0.80	0.26	0.80	0.89	30.2	16.8	32
ZZ30561		0.19	0.002	0.55	1.98	13.3	<0.2	<10	270	0.73	0.28	0.91	0.73	24.9	10.2	31
ZZ30562		0.22	0.002	0.25	1.54	38.1	<0.2	<10	390	0.83	0.21	1.41	3.77	24.3	12.6	31
ZZ30563		0.06	0.015	0.84	0.73	12.3	<0.2	10	870	0.47	0.10	4.27	1.70	9.58	5.1	15
ZZ30564		0.22	0.007	1.17	0.60	12.0	<0.2	10	1330	0.47	0.12	3.04	1.43	9.78	5.1	15
ZZ30565		0.13	0.005	1.32	0.56	11.1	<0.2	10	1700	0.49	0.14	2.89	1.07	8.31	3.8	14
ZZ30566		0.07	0.011	0.50	0.41	3.6	<0.2	<10	1030	0.38	0.08	2.63	2.65	11.90	4.5	8
ZZ30567		0.36	0.010	1.32	0.49	13.4	<0.2	<10	1210	0.72	0.14	0.77	2.22	20.1	10.3	14
ZZ30568		0.14	0.008	1.26	0.54	13.3	<0.2	<10	1150	0.73	0.13	0.99	1.60	16.30	8.7	14
ZZ30569		0.28	0.004	1.50	1.56	75.4	<0.2	<10	760	0.99	0.19	0.45	2.83	22.7	10.9	29
ZZ30570		0.04	0.010	0.56	0.40	8.3	<0.2	10	880	0.42	0.06	3.89	7.82	6.01	3.0	10
ZZ30571		0.08	0.004	0.97	0.40	10.4	<0.2	10	580	0.50	0.10	3.84	10.40	8.30	4.2	14
ZZ30572		0.16	0.005	0.80	0.52	15.8	<0.2	<10	1300	0.54	0.12	2.25	4.00	10.25	5.4	15
ZZ30573		0.19	0.005	0.61	0.62	17.1	<0.2	<10	670	0.56	0.12	1.98	5.25	17.90	8.0	14
ZZ30574		0.13	0.003	0.76	0.63	14.4	<0.2	10	580	0.60	0.12	2.69	10.20	20.9	8.5	15
ZZ30575		0.09	0.004	0.48	0.82	11.9	<0.2	<10	460	0.69	0.11	3.28	3.96	22.2	8.5	17
ZZ30576		0.08	0.003	0.58	0.85	13.5	<0.2	10	560	0.72	0.13	3.17	3.48	22.0	8.8	19
ZZ30577		0.13	0.004	0.31	0.75	11.8	<0.2	<10	560	0.58	0.12	3.74	2.38	17.85	7.9	15
ZZ30578		0.12	0.004	0.37	0.82	14.7	<0.2	<10	520	0.70	0.14	2.42	2.12	20.9	9.6	17
ZZ30579		0.16	0.003	0.25	0.66	12.6	<0.2	<10	340	0.68	0.18	1.71	0.96	16.00	7.5	12
ZZ30580		0.13	0.003	0.29	0.77	12.2	<0.2	<10	390	0.69	0.18	1.81	1.00	16.55	8.1	14
ZZ30581		0.10	0.003	0.25	0.66	10.7	<0.2	10	360	0.67	0.16	2.13	1.01	14.45	7.7	13
ZZ30582		0.07	0.004	0.39	0.58	12.2	<0.2	10	800	0.59	0.12	2.67	1.24	13.35	7.3	12
ZZ30583		0.20	0.001	0.20	0.80	10.0	<0.2	<10	450	0.65	0.17	1.56	0.57	11.70	9.5	14
ZZ30584		0.18	0.002	0.13	0.88	8.4	<0.2	<10	400	0.75	0.17	2.01	0.59	10.00	10.4	14
ZZ30585		0.24	0.002	0.13	1.00	11.9	<0.2	<10	230	0.86	0.21	1.02	0.35	11.70	9.0	16
ZZ30586		0.15	0.002	0.14	0.94	11.3	<0.2	<10	250	0.81	0.20	1.16	0.37	11.20	11.2	15
ZZ30587		0.18	0.001	0.17	1.02	11.0	<0.2	<10	380	0.82	0.20	1.08	0.47	11.40	11.5	16
ZZ30588		0.12	0.002	0.14	1.03	11.0	<0.2	<10	200	0.84	0.20	1.23	0.39	11.65	11.7	16
ZZ30589		0.20	0.002	0.31	1.25	342	<0.2	10	320	0.86	0.15	2.19	1.47	12.50	13.8	27
ZZ30590		0.28	0.001	0.18	0.46	139.0	<0.2	<10	100	0.37	0.07	8.50	1.51	9.76	8.2	16
ZZ30591		0.17	0.001	0.77	0.47	28.9	<0.2	10	170	0.63	0.12	3.21	1.36	4.87	5.9	19
ZZ30592		0.14	0.004	0.15	0.73	35.0	<0.2	<10	340	0.38	0.08	4.76	2.77	7.76	4.5	14
ZZ30593		0.38	0.002	0.24	0.94	39.2	<0.2	<10	340	0.75	0.26	1.35	0.40	9.01	6.5	18
ZZ30594		0.13	0.001	0.15	1.55	10.6	<0.2	10	1030	0.89	0.15	4.29	10.55	19.70	11.4	62
ZZ30595		0.16	0.004	0.07	1.01	4.8	<0.2	<10	170	0.37	0.17	2.31	5.99	12.95	6.0	14
ZZ30596		0.12	0.007	0.11	0.39	2.6	<0.2	<10	150	0.17	0.08	2.30	1.38	4.99	2.5	8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30557		0.48	12.9	0.64	1.08	<0.05	0.05	0.16	0.010	0.02	7.9	1.1	0.03	315	0.60	0.01
ZZ30558		1.70	28.0	3.31	4.56	<0.05	0.05	0.09	0.045	0.10	3.8	26.7	0.33	138	1.80	0.01
ZZ30559		1.37	19.9	3.50	4.41	<0.05	0.06	0.07	0.041	0.07	6.2	18.6	0.28	380	3.25	<0.01
ZZ30560		1.11	25.3	2.79	5.31	0.05	0.05	0.11	0.033	0.06	19.5	15.9	0.49	397	0.96	0.01
ZZ30561		1.56	14.8	2.93	5.78	<0.05	0.03	0.05	0.034	0.05	13.1	15.0	0.42	429	2.71	<0.01
ZZ30562		0.74	14.8	2.64	4.08	0.05	0.04	0.07	0.031	0.05	16.9	9.6	0.31	418	6.39	<0.01
ZZ30563		0.56	27.9	1.24	1.82	0.05	0.05	0.16	0.018	0.05	9.2	3.9	0.13	247	2.73	0.01
ZZ30564		0.46	48.3	1.55	1.50	<0.05	0.04	0.18	0.020	0.05	6.2	3.4	0.10	210	4.59	<0.01
ZZ30565		0.36	38.3	1.19	1.54	<0.05	0.08	0.26	0.022	0.05	5.1	3.4	0.10	114	3.46	0.01
ZZ30566		0.38	36.0	1.15	0.94	0.05	0.04	0.19	0.015	0.04	5.5	1.5	0.07	301	1.41	0.01
ZZ30567		0.75	73.4	2.47	1.72	0.07	0.03	0.30	0.034	0.07	8.8	1.9	0.04	243	7.58	<0.01
ZZ30568		0.53	66.0	2.30	1.77	0.06	0.03	0.29	0.032	0.07	7.3	2.7	0.09	152	6.02	<0.01
ZZ30569		0.96	33.6	3.04	3.86	0.06	0.05	0.30	0.038	0.06	12.7	12.2	0.21	243	6.92	<0.01
ZZ30570		0.34	32.3	0.77	1.18	<0.05	0.05	0.18	0.011	0.03	4.1	1.7	0.10	136	3.27	0.01
ZZ30571		0.29	45.7	1.03	1.22	<0.05	0.05	0.26	0.016	0.05	5.6	2.7	0.23	191	4.12	0.01
ZZ30572		0.40	41.8	1.37	1.76	<0.05	0.05	0.20	0.022	0.06	5.9	4.1	0.15	206	5.03	<0.01
ZZ30573		0.34	36.1	2.13	2.04	0.05	0.05	0.17	0.029	0.09	9.3	6.0	0.17	147	5.11	<0.01
ZZ30574		0.36	44.8	2.07	2.02	0.06	0.05	0.29	0.028	0.08	11.6	6.1	0.22	263	4.28	<0.01
ZZ30575		0.29	34.5	1.93	2.47	0.06	0.05	0.16	0.025	0.07	13.7	7.9	0.21	284	2.18	<0.01
ZZ30576		0.37	35.9	2.07	2.63	0.06	0.05	0.23	0.028	0.07	13.9	8.6	0.23	335	3.21	<0.01
ZZ30577		0.28	22.5	1.99	2.26	<0.05	0.05	0.32	0.021	0.06	9.3	8.4	0.63	457	1.90	0.01
ZZ30578		0.42	26.6	2.29	2.63	0.05	0.04	0.56	0.026	0.07	10.6	9.4	0.33	427	3.18	<0.01
ZZ30579		0.38	21.7	2.19	1.97	<0.05	0.04	1.45	0.024	0.06	8.2	6.3	0.18	333	2.28	<0.01
ZZ30580		0.39	23.2	2.34	2.24	<0.05	0.04	1.25	0.025	0.07	8.3	7.5	0.22	364	1.91	<0.01
ZZ30581		0.39	22.5	2.03	1.95	<0.05	0.05	0.98	0.022	0.07	7.2	6.7	0.21	341	1.69	0.01
ZZ30582		0.29	32.8	2.06	1.55	<0.05	0.05	0.22	0.023	0.06	6.6	5.0	0.21	295	2.58	<0.01
ZZ30583		0.42	25.3	2.70	2.02	<0.05	0.04	0.37	0.028	0.08	5.3	8.6	0.28	357	1.86	0.01
ZZ30584		0.33	25.1	2.52	2.29	<0.05	0.04	0.26	0.027	0.07	4.4	10.1	0.31	469	1.53	<0.01
ZZ30585		0.46	25.1	3.35	2.62	<0.05	0.04	0.22	0.034	0.08	5.7	12.7	0.31	283	2.04	<0.01
ZZ30586		0.39	25.9	3.12	2.45	<0.05	0.04	0.27	0.031	0.09	5.1	10.4	0.31	497	2.00	0.01
ZZ30587		0.41	30.5	3.12	2.60	<0.05	0.04	0.26	0.034	0.09	5.2	11.4	0.33	596	1.59	0.01
ZZ30588		0.40	27.2	2.92	2.89	<0.05	0.04	0.25	0.035	0.10	4.9	13.7	0.38	299	1.30	0.02
ZZ30589		1.48	31.4	2.58	3.21	0.06	0.07	0.14	0.023	0.11	19.3	8.4	0.19	357	2.72	<0.01
ZZ30590		0.85	13.0	0.94	1.40	0.08	0.04	0.12	0.013	0.06	23.5	3.0	0.08	323	1.67	0.01
ZZ30591		1.43	21.9	1.89	1.11	0.05	0.06	0.23	0.025	0.09	10.8	2.7	0.06	201	1.58	0.01
ZZ30592		1.03	14.1	0.84	1.76	0.05	0.04	0.20	0.013	0.03	16.7	2.3	0.05	562	0.49	0.01
ZZ30593		0.76	28.7	2.95	2.62	<0.05	0.05	0.20	0.037	0.17	7.1	9.4	0.13	146	2.32	0.01
ZZ30594		1.12	20.6	1.74	3.89	0.09	0.09	0.13	0.030	0.16	25.2	8.3	0.16	609	0.84	0.01
ZZ30595		0.59	20.0	1.47	2.51	<0.05	0.03	0.15	0.021	0.04	13.4	3.7	0.11	471	1.03	0.02
ZZ30596		0.38	8.4	0.67	1.17	<0.05	0.03	0.15	0.010	0.03	3.9	0.8	0.04	94	1.62	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30557		0.19	12.9	1720	3.2	1.7	<0.001	0.25	0.42	0.5	3.0	<0.2	45.1	<0.01	0.02	0.2
ZZ30558		0.14	36.8	660	18.0	11.8	0.001	0.11	0.58	4.7	1.4	0.5	23.6	<0.01	0.06	1.6
ZZ30559		0.33	49.3	950	96.1	13.1	<0.001	0.07	1.03	3.5	1.2	0.5	25.9	<0.01	0.06	1.7
ZZ30560		0.89	120.0	1010	20.9	10.6	<0.001	0.03	0.56	4.5	0.9	0.6	27.2	<0.01	0.06	2.3
ZZ30561		0.86	41.9	850	15.5	11.8	<0.001	0.06	0.75	2.3	1.2	0.6	16.7	<0.01	0.05	0.7
ZZ30562		0.57	72.8	1130	44.6	7.2	0.001	0.05	1.09	3.2	1.6	0.5	23.5	<0.01	0.06	1.0
ZZ30563		0.28	70.6	1110	10.7	4.8	0.001	0.16	0.98	1.2	3.1	0.2	37.7	<0.01	0.07	0.3
ZZ30564		0.21	53.3	1170	11.2	4.4	0.005	0.16	1.86	1.1	4.9	0.3	56.4	<0.01	0.07	0.3
ZZ30565		0.15	63.1	1010	10.3	4.7	0.007	0.15	1.99	1.4	4.4	0.3	55.2	<0.01	0.07	0.5
ZZ30566		0.17	40.0	970	5.2	4.1	0.003	0.17	1.35	1.6	3.2	0.2	64.2	<0.01	0.02	0.7
ZZ30567		0.13	76.1	1910	10.1	6.0	0.005	0.04	3.71	6.1	5.2	0.4	80.3	<0.01	0.06	3.2
ZZ30568		0.18	67.2	1370	9.3	5.1	0.004	0.06	3.84	4.2	5.8	0.4	60.0	<0.01	0.09	1.4
ZZ30569		0.38	61.4	850	85.3	8.7	0.001	0.03	2.67	4.8	4.2	0.5	37.3	<0.01	0.07	2.5
ZZ30570		0.16	51.3	780	4.7	3.4	0.007	0.14	3.43	1.0	5.0	0.2	79.7	<0.01	0.03	0.3
ZZ30571		0.17	108.0	1010	7.4	4.0	0.018	0.17	3.25	1.5	6.2	0.2	95.7	<0.01	0.05	0.4
ZZ30572		0.23	62.5	910	9.2	4.9	0.012	0.11	3.34	2.2	5.0	0.3	70.8	<0.01	0.05	0.7
ZZ30573		0.26	64.6	1010	10.7	5.4	0.008	0.08	2.72	3.3	3.3	0.4	60.8	<0.01	0.05	1.1
ZZ30574		0.29	130.0	1200	10.1	5.6	0.011	0.12	2.59	3.5	4.9	0.3	75.5	<0.01	0.05	0.9
ZZ30575		0.36	52.1	910	8.6	5.1	0.007	0.12	2.39	3.1	4.0	0.4	80.4	<0.01	0.04	0.7
ZZ30576		0.37	55.7	1130	10.2	5.4	0.004	0.11	2.79	2.9	3.4	0.4	77.6	<0.01	0.04	0.7
ZZ30577		0.35	31.0	850	12.0	4.6	0.004	0.09	1.72	2.3	2.5	0.3	72.3	<0.01	0.04	0.8
ZZ30578		0.36	38.6	860	14.1	5.9	0.002	0.07	1.77	2.9	2.2	0.3	56.0	<0.01	0.04	1.0
ZZ30579		0.27	26.6	500	29.4	5.3	0.001	0.06	0.90	2.6	1.7	0.3	45.6	<0.01	0.03	1.1
ZZ30580		0.30	30.9	600	25.3	5.6	0.002	0.07	0.90	2.8	1.8	0.3	44.5	<0.01	0.03	1.1
ZZ30581		0.26	27.3	720	22.5	6.0	0.005	0.10	0.91	2.3	1.8	0.3	53.8	<0.01	0.03	0.9
ZZ30582		0.17	39.6	840	13.1	4.4	0.005	0.14	1.63	2.5	2.7	0.3	73.2	<0.01	0.04	0.9
ZZ30583		0.19	28.8	820	13.0	6.1	0.006	0.07	0.57	3.5	1.6	0.3	39.2	<0.01	0.04	1.8
ZZ30584		0.20	30.9	720	12.3	5.5	0.002	0.09	0.44	2.8	1.3	0.3	118.0	<0.01	0.04	1.0
ZZ30585		0.21	29.3	770	15.0	7.4	0.005	0.06	0.35	4.3	2.1	0.4	42.5	<0.01	0.05	2.1
ZZ30586		0.20	32.0	790	14.6	6.7	0.003	0.06	0.41	4.0	1.5	0.4	36.8	<0.01	0.04	1.9
ZZ30587		0.21	36.4	770	14.4	7.1	0.002	0.05	0.40	4.2	1.3	0.4	29.3	<0.01	0.04	2.0
ZZ30588		0.25	34.3	690	14.3	7.3	0.005	0.06	0.43	4.3	1.4	0.4	98.7	<0.01	0.04	2.1
ZZ30589		0.28	104.5	1470	12.3	9.6	<0.001	0.11	1.19	2.1	1.8	0.4	35.6	<0.01	0.04	0.5
ZZ30590		0.13	42.1	2720	5.2	4.6	0.001	0.08	0.61	1.3	1.6	0.2	59.0	<0.01	0.03	0.4
ZZ30591		0.08	35.0	1260	5.7	8.3	0.002	0.11	0.43	1.6	2.6	0.2	30.6	<0.01	0.03	0.4
ZZ30592		0.27	18.0	1340	4.9	4.7	0.001	0.17	0.34	0.8	2.4	0.2	45.5	<0.01	0.03	<0.2
ZZ30593		0.12	26.2	880	16.4	13.0	<0.001	0.38	0.37	2.9	1.4	0.4	44.4	<0.01	0.05	1.1
ZZ30594		0.30	591	>10000	14.1	14.4	0.004	0.10	0.89	3.4	2.4	0.6	46.6	<0.01	0.07	1.0
ZZ30595		0.53	61.1	1160	9.2	5.7	0.001	0.21	0.52	0.9	1.2	0.3	25.6	<0.01	0.03	<0.2
ZZ30596		0.24	16.3	1180	5.0	2.0	<0.001	0.22	0.28	1.0	0.6	0.2	32.5	<0.01	0.02	<0.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ30557		0.005	0.07	1.61	10	<0.05	15.10	20	1.4
ZZ30558		<0.005	0.16	2.33	31	<0.05	9.61	99	1.4
ZZ30559		0.005	0.50	1.01	64	0.12	7.02	244	1.4
ZZ30560		0.027	0.17	1.13	66	0.22	23.6	493	1.2
ZZ30561		0.021	0.16	1.16	67	0.26	14.15	186	0.7
ZZ30562		0.012	0.18	1.27	63	0.17	23.8	322	0.9
ZZ30563		0.006	0.19	2.85	39	0.06	23.6	155	1.4
ZZ30564		0.005	0.28	5.23	65	0.06	16.65	168	1.3
ZZ30565		<0.005	0.35	5.60	65	0.06	15.10	137	2.3
ZZ30566		<0.005	0.10	9.26	28	<0.05	13.05	105	1.3
ZZ30567		<0.005	0.23	4.88	101	<0.05	26.5	367	1.0
ZZ30568		<0.005	0.22	2.98	110	0.06	24.9	406	1.0
ZZ30569		<0.005	0.44	2.22	172	0.14	19.60	321	1.3
ZZ30570		0.005	0.23	8.65	172	0.06	14.35	389	1.8
ZZ30571		<0.005	0.28	3.31	176	0.07	16.00	882	2.1
ZZ30572		0.005	0.26	3.97	176	0.12	14.30	424	1.7
ZZ30573		<0.005	0.24	2.31	152	0.05	14.80	508	1.7
ZZ30574		<0.005	0.71	2.29	161	0.08	18.15	868	1.6
ZZ30575		0.005	0.21	2.94	165	0.06	18.20	339	1.5
ZZ30576		0.006	0.18	3.04	161	0.07	19.30	306	1.5
ZZ30577		0.007	0.11	1.81	86	0.07	12.10	180	1.4
ZZ30578		0.006	0.17	1.69	92	0.08	14.00	207	1.2
ZZ30579		<0.005	0.15	1.90	45	0.07	10.50	124	1.2
ZZ30580		<0.005	0.15	1.56	50	0.05	10.70	139	1.1
ZZ30581		<0.005	0.13	1.71	44	0.05	9.93	125	1.2
ZZ30582		<0.005	0.12	2.02	68	<0.05	12.05	168	1.5
ZZ30583		<0.005	0.11	1.05	34	<0.05	8.88	131	1.3
ZZ30584		<0.005	0.08	1.33	25	0.05	8.50	103	0.9
ZZ30585		<0.005	0.09	1.40	30	0.07	10.35	118	1.1
ZZ30586		<0.005	0.10	1.10	28	<0.05	9.26	123	1.1
ZZ30587		<0.005	0.10	0.97	29	0.05	9.84	121	1.1
ZZ30588		<0.005	0.10	0.71	28	0.10	9.70	119	1.2
ZZ30589		0.005	0.57	1.43	66	0.11	40.3	369	1.5
ZZ30590		0.005	0.20	3.89	33	0.05	43.9	181	1.1
ZZ30591		<0.005	0.09	1.54	29	<0.05	23.9	152	1.6
ZZ30592		0.006	0.11	3.36	24	0.05	32.2	107	1.3
ZZ30593		<0.005	0.20	0.99	25	<0.05	14.05	90	1.4
ZZ30594		0.006	0.18	23.1	128	0.07	69.3	2540	2.6
ZZ30595		0.021	0.09	1.01	30	0.07	22.2	358	1.2
ZZ30596		0.010	0.06	1.15	23	0.05	5.40	126	0.8

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30597		0.14	0.002	0.12	0.67	5.5	<0.2	10	320	0.38	0.09	4.48	12.95	9.65	5.4	19
ZZ30598		0.09	<0.001	0.10	0.33	2.1	<0.2	10	220	0.16	0.08	3.12	1.58	5.98	2.9	9
ZZ30599		0.12	0.001	0.19	0.57	6.3	<0.2	<10	380	0.29	0.12	2.51	0.89	9.65	4.2	13
ZZ30600		0.11	0.002	0.33	0.63	4.8	<0.2	<10	320	0.36	0.15	3.00	2.27	6.61	5.9	14
ZZ30601		0.10	0.002	0.13	1.24	8.1	<0.2	<10	360	0.55	0.16	2.82	1.45	13.00	5.2	15
ZZ30602		0.13	0.001	0.09	0.92	5.2	<0.2	<10	490	0.34	0.13	4.51	20.7	8.83	8.4	10
ZZ30603		0.13	0.002	0.52	0.61	19.1	<0.2	<10	810	0.40	0.16	0.71	1.31	10.55	7.1	14
ZZ30604		0.17	0.004	1.54	0.72	13.3	<0.2	<10	1880	0.70	0.11	3.08	0.55	13.80	4.4	15
ZZ30605		0.18	0.004	1.48	0.57	20.9	<0.2	<10	2530	0.36	0.12	2.65	1.73	9.09	2.9	14
ZZ30606		0.24	0.006	0.75	0.43	13.1	<0.2	<10	1040	0.71	0.15	0.65	2.04	20.1	7.8	15
ZZ30607		0.23	0.002	0.55	0.61	21.6	<0.2	<10	610	0.35	0.15	0.78	1.00	9.19	4.9	15
ZZ30608		0.22	0.006	1.00	0.62	37.6	<0.2	<10	1390	0.72	0.14	0.81	2.02	16.90	7.9	20
ZZ30609		0.10	0.003	0.62	0.57	29.3	<0.2	<10	880	0.44	0.11	1.50	2.17	8.05	4.9	13
ZZ30610		0.12	0.004	0.73	0.53	34.4	<0.2	<10	1040	0.65	0.11	2.26	4.65	12.95	6.6	13
ZZ30611		0.16	0.005	0.66	0.59	30.0	<0.2	<10	1200	0.66	0.12	1.69	2.30	13.25	6.8	16
ZZ30612		0.13	0.009	0.81	0.48	20.9	<0.2	<10	890	0.53	0.11	1.97	2.31	12.05	6.1	13
ZZ30613		0.12	0.004	0.87	0.45	24.5	<0.2	10	920	0.66	0.10	3.26	1.89	13.35	9.4	9
ZZ30614		0.15	0.005	0.58	0.63	28.6	<0.2	<10	650	0.76	0.12	1.68	1.80	34.7	15.2	12
ZZ30615		0.06	0.003	0.47	0.59	17.6	<0.2	<10	670	0.66	0.08	1.98	2.39	22.9	13.0	11
ZZ30616		0.07	0.003	0.31	0.37	10.0	<0.2	<10	270	0.35	0.10	1.34	0.55	7.41	5.4	9
ZZ30617		0.07	0.006	0.50	0.64	8.5	<0.2	10	410	0.82	0.14	2.90	1.19	18.95	10.1	10
ZZ30618		0.11	0.002	0.31	0.92	11.2	<0.2	<10	500	0.80	0.20	1.89	1.37	17.55	8.8	14
ZZ30619		0.37	0.002	0.08	1.08	21.4	<0.2	<10	340	1.25	0.30	0.14	0.39	24.4	19.8	17
ZZ30620		0.30	0.001	0.06	1.07	14.3	<0.2	<10	210	0.93	0.23	0.18	0.31	16.15	13.5	16
ZZ30621		0.12	0.001	0.20	0.59	5.1	<0.2	10	480	0.54	0.13	3.30	0.60	7.07	5.1	8
ZZ30622		0.12	0.002	0.19	0.74	9.1	<0.2	<10	380	0.67	0.20	2.03	0.38	12.10	8.0	12
ZZ30623		0.08	0.001	0.16	0.67	9.9	<0.2	<10	350	0.62	0.20	1.70	0.34	11.25	8.9	12
ZZ30624		0.32	0.001	0.14	0.82	20.0	<0.2	<10	380	0.98	0.24	1.36	0.20	21.8	13.3	15
ZZ30625		0.26	<0.001	0.02	1.04	9.2	<0.2	<10	240	0.33	0.19	0.66	0.13	10.70	4.5	14
ZZ30626		0.32	0.001	0.04	1.07	18.6	<0.2	<10	200	0.85	0.27	0.15	0.28	10.85	14.4	17
ZZ30627		0.22	0.001	0.24	1.05	32.4	<0.2	<10	320	0.72	0.18	4.16	0.42	11.20	7.1	28
ZZ30628		0.31	0.002	0.12	1.00	16.6	<0.2	<10	220	1.14	0.25	0.88	0.33	15.10	13.6	15
ZZ30629		0.34	<0.001	0.06	0.79	248	<0.2	<10	120	0.38	0.15	0.19	0.58	13.35	6.1	22
ZZ30630		0.22	0.001	0.18	1.11	210	<0.2	<10	220	0.60	0.16	1.37	2.26	18.45	9.4	29
ZZ30631		0.23	<0.001	0.22	1.15	259	<0.2	<10	210	0.65	0.16	0.95	3.34	28.6	11.8	30
ZZ30632		0.20	0.002	0.45	0.93	173.5	<0.2	<10	260	0.46	0.14	3.97	3.73	17.75	10.6	31
ZZ30633		0.25	0.001	0.08	1.10	14.1	<0.2	<10	280	0.75	0.21	1.46	0.27	6.18	9.6	23
ZZ30634		0.25	0.001	0.46	0.85	187.5	<0.2	<10	270	0.72	0.17	1.28	1.85	8.56	10.5	31
ZZ30635		0.19	0.002	0.24	0.84	8.9	<0.2	<10	780	0.63	0.16	2.49	1.40	8.25	6.6	35
ZZ30636		0.11	0.002	0.07	0.64	3.6	<0.2	<10	810	0.28	0.11	3.85	1.48	9.89	5.1	15

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Finalized Date: 19-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30597		0.38	15.1	1.02	1.47	<0.05	0.04	0.15	0.017	0.06	12.8	2.5	0.08	703	1.80	0.01
ZZ30598		0.24	10.0	0.56	0.86	<0.05	0.04	0.29	0.009	0.04	6.9	1.4	0.06	485	0.59	<0.01
ZZ30599		0.33	11.8	1.17	1.47	<0.05	0.02	0.18	0.014	0.04	10.2	2.7	0.09	383	3.16	0.01
ZZ30600		0.47	18.2	1.42	1.60	<0.05	0.04	0.11	0.022	0.05	7.9	2.8	0.10	353	2.33	0.01
ZZ30601		0.68	12.0	1.65	2.93	<0.05	0.04	0.08	0.018	0.05	10.6	5.1	0.18	373	1.35	0.01
ZZ30602		0.53	15.9	1.12	2.33	<0.05	0.03	0.10	0.015	0.05	5.8	3.3	0.10	1060	3.14	0.01
ZZ30603		0.43	22.2	1.71	1.96	<0.05	0.02	0.08	0.023	0.07	7.3	2.2	0.05	254	6.09	<0.01
ZZ30604		0.37	29.3	1.36	1.69	0.06	0.07	0.22	0.018	0.04	10.2	3.4	0.08	185	2.10	0.01
ZZ30605		0.47	22.8	1.13	1.92	<0.05	0.05	0.18	0.019	0.06	5.0	3.4	0.10	75	5.42	0.01
ZZ30606		0.84	68.1	2.59	1.54	0.07	<0.02	0.18	0.033	0.13	8.6	1.0	0.04	207	6.48	<0.01
ZZ30607		0.53	36.8	2.07	2.16	<0.05	0.03	0.12	0.029	0.07	3.7	2.6	0.08	119	4.72	<0.01
ZZ30608		0.66	60.7	2.44	2.15	0.06	0.03	0.24	0.032	0.10	7.9	3.5	0.09	207	6.87	<0.01
ZZ30609		0.40	32.7	1.61	1.64	<0.05	0.03	0.20	0.018	0.06	3.9	2.9	0.11	212	2.79	0.01
ZZ30610		0.37	56.2	1.68	1.51	<0.05	0.05	0.27	0.022	0.06	6.7	3.1	0.12	343	3.79	<0.01
ZZ30611		0.43	45.6	1.94	1.70	<0.05	0.03	0.20	0.024	0.07	6.3	3.0	0.10	270	4.48	<0.01
ZZ30612		0.32	37.3	1.71	1.53	<0.05	0.04	0.20	0.023	0.07	5.6	2.9	0.12	267	3.06	<0.01
ZZ30613		0.30	41.5	1.74	1.51	<0.05	0.05	0.17	0.021	0.06	6.2	2.7	0.13	401	3.62	0.01
ZZ30614		0.49	46.6	3.58	2.04	0.07	0.04	0.15	0.042	0.10	15.9	4.2	0.14	292	7.25	<0.01
ZZ30615		0.18	37.8	2.57	1.70	0.05	0.05	0.13	0.031	0.08	10.5	4.4	0.16	298	4.39	<0.01
ZZ30616		0.45	16.6	1.67	1.12	<0.05	0.04	0.53	0.019	0.05	3.3	1.8	0.07	111	4.99	0.01
ZZ30617		0.38	23.3	1.87	1.77	<0.05	0.05	0.48	0.024	0.04	11.6	4.0	0.15	700	3.40	0.01
ZZ30618		0.41	22.8	2.39	2.93	<0.05	0.05	0.34	0.028	0.06	8.4	9.9	0.23	364	3.11	0.01
ZZ30619		0.51	40.8	4.00	2.59	0.05	0.03	0.28	0.044	0.05	10.4	10.8	0.22	396	2.73	<0.01
ZZ30620		0.56	20.5	3.39	2.23	<0.05	0.02	0.19	0.035	0.06	6.6	11.8	0.20	311	1.93	<0.01
ZZ30621		0.46	20.9	1.76	1.15	<0.05	0.03	0.24	0.018	0.07	3.3	3.8	0.20	334	0.65	0.01
ZZ30622		0.44	19.3	2.36	1.91	<0.05	0.04	0.33	0.027	0.07	5.6	7.3	0.20	267	1.27	0.01
ZZ30623		0.25	18.1	2.39	1.79	<0.05	0.04	0.63	0.026	0.09	4.8	6.6	0.19	348	1.58	0.01
ZZ30624		0.61	29.9	3.37	2.01	<0.05	0.04	2.32	0.037	0.07	9.0	7.3	0.66	478	2.78	<0.01
ZZ30625		0.51	9.4	2.88	3.63	<0.05	<0.02	0.07	0.023	0.04	5.1	4.9	0.23	223	1.13	<0.01
ZZ30626		0.64	35.9	4.59	2.42	<0.05	0.02	0.21	0.045	0.06	3.6	12.3	0.21	375	2.19	<0.01
ZZ30627		0.39	20.3	3.78	2.62	<0.05	0.04	3.92	0.035	0.06	6.0	7.1	2.27	420	3.29	0.01
ZZ30628		0.50	39.5	3.66	2.59	<0.05	0.06	0.32	0.045	0.07	7.3	10.6	0.45	351	1.73	<0.01
ZZ30629		1.07	16.6	2.07	2.66	<0.05	<0.02	0.05	0.021	0.05	8.5	5.5	0.13	160	4.46	<0.01
ZZ30630		0.91	14.9	2.02	2.51	0.05	0.03	0.12	0.025	0.06	20.5	5.0	0.15	390	2.11	0.01
ZZ30631		1.45	13.9	2.09	2.76	0.08	0.04	0.10	0.028	0.06	29.8	5.4	0.16	551	2.30	0.01
ZZ30632		1.16	19.2	1.80	2.16	0.09	0.03	0.24	0.022	0.06	36.1	3.5	0.13	958	2.12	0.01
ZZ30633		0.83	21.3	3.08	3.01	<0.05	0.04	0.03	0.036	0.09	2.3	15.9	0.21	243	1.04	0.01
ZZ30634		1.41	23.8	2.16	2.00	0.05	0.07	0.28	0.031	0.07	13.3	3.0	0.07	257	1.69	0.01
ZZ30635		0.38	25.2	1.94	1.98	0.05	0.07	0.16	0.027	0.07	9.9	5.9	0.12	287	1.06	0.01
ZZ30636		0.38	13.1	1.00	1.95	<0.05	0.04	0.10	0.016	0.03	7.2	1.7	0.08	506	0.81	0.01

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CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ30597		0.27	130.5	4570	7.2	3.7	0.001	0.19	0.64	0.9	1.3	0.2	34.3	<0.01	0.04	0.2
ZZ30598		0.16	14.9	1510	4.9	2.7	<0.001	0.22	0.30	0.7	0.8	0.2	35.7	<0.01	0.01	0.2
ZZ30599		0.27	19.6	1580	9.6	4.4	<0.001	0.20	0.41	0.8	0.9	0.2	30.5	<0.01	0.03	0.2
ZZ30600		0.26	35.0	1480	10.0	7.9	<0.001	0.17	0.59	1.0	1.9	0.3	29.6	<0.01	0.06	0.2
ZZ30601		0.55	26.6	1690	14.4	6.3	0.001	0.20	0.58	1.0	1.0	0.3	20.6	0.01	0.07	0.3
ZZ30602		0.44	18.4	1700	13.1	4.5	<0.001	0.22	0.44	0.6	0.4	0.2	28.8	0.01	0.03	<0.2
ZZ30603		0.22	47.7	780	35.2	6.3	0.001	0.07	1.18	2.1	2.7	0.3	27.8	<0.01	0.11	0.7
ZZ30604		0.24	45.7	1140	20.0	3.9	0.005	0.16	1.11	2.0	6.1	0.3	58.7	<0.01	0.06	0.6
ZZ30605		0.26	26.6	1010	30.3	6.6	0.004	0.15	2.79	2.0	6.2	0.4	88.2	<0.01	0.06	1.0
ZZ30606		0.08	68.3	2000	11.3	6.5	0.004	0.03	3.30	4.9	3.3	0.4	69.4	<0.01	0.06	3.7
ZZ30607		0.18	40.2	910	27.8	7.5	0.002	0.04	2.00	3.9	2.4	0.4	52.9	<0.01	0.07	2.2
ZZ30608		0.19	69.6	1860	34.9	7.5	0.005	0.04	3.61	5.2	3.8	0.4	72.8	<0.01	0.07	3.5
ZZ30609		0.21	45.0	930	27.0	5.5	0.002	0.09	1.83	2.6	2.3	0.3	73.2	<0.01	0.05	1.0
ZZ30610		0.19	76.1	1280	34.7	5.0	0.013	0.12	2.41	3.0	4.5	0.3	82.4	<0.01	0.07	1.1
ZZ30611		0.16	48.6	1330	19.5	5.1	0.006	0.08	2.54	3.1	3.7	0.3	73.1	<0.01	0.06	1.3
ZZ30612		0.14	40.6	1440	18.1	4.8	0.011	0.10	2.34	2.9	4.1	0.3	81.8	<0.01	0.05	1.2
ZZ30613		0.18	42.3	1260	17.4	5.2	0.014	0.15	2.52	2.4	6.0	0.3	94.3	<0.01	0.03	0.8
ZZ30614		0.30	44.0	2400	20.9	6.9	0.004	0.08	2.62	6.1	3.2	0.4	67.3	<0.01	0.03	2.2
ZZ30615		0.25	44.5	1100	10.8	3.6	0.004	0.11	2.13	3.2	2.9	0.3	62.7	<0.01	0.03	1.0
ZZ30616		0.15	18.3	860	6.1	4.5	0.001	0.11	0.55	2.1	1.5	0.2	42.4	<0.01	0.03	0.5
ZZ30617		0.24	25.5	890	9.5	4.5	0.001	0.13	0.87	2.5	2.2	0.3	73.7	0.01	0.02	0.7
ZZ30618		0.44	27.8	770	13.1	7.1	0.003	0.07	0.66	3.3	1.6	0.4	51.4	<0.01	0.04	1.2
ZZ30619		0.20	47.5	420	29.0	7.0	0.001	0.01	0.68	5.7	1.8	0.4	11.7	<0.01	0.04	4.9
ZZ30620		0.23	29.0	270	21.4	7.3	<0.001	0.01	0.48	3.6	0.7	0.4	11.7	<0.01	0.03	3.4
ZZ30621		0.21	23.8	720	12.1	5.9	0.001	0.12	0.42	1.3	1.2	0.2	137.0	<0.01	0.02	0.4
ZZ30622		0.29	23.0	610	16.4	6.4	0.001	0.08	0.44	2.8	0.9	0.3	73.7	<0.01	0.03	1.2
ZZ30623		0.27	22.1	570	16.5	4.4	0.001	0.07	0.38	2.6	0.9	0.3	66.1	<0.01	0.02	1.2
ZZ30624		0.17	36.0	430	26.1	6.2	0.001	0.03	0.45	5.5	1.0	0.4	19.1	<0.01	0.03	4.9
ZZ30625		0.56	10.8	250	12.8	4.4	<0.001	0.02	0.32	2.0	<0.2	0.5	7.1	<0.01	0.02	1.3
ZZ30626		0.25	34.3	280	23.4	9.1	<0.001	0.01	0.50	4.4	0.7	0.4	8.5	<0.01	0.04	2.9
ZZ30627		0.30	28.7	780	36.2	8.4	<0.001	0.03	0.90	4.0	1.0	0.4	27.7	<0.01	0.07	1.9
ZZ30628		0.25	46.1	650	20.6	6.6	<0.001	0.02	0.47	7.1	1.3	0.4	22.8	<0.01	0.04	3.7
ZZ30629		0.20	53.2	1040	10.0	6.8	0.001	0.04	1.20	0.8	1.9	0.4	12.0	<0.01	0.06	0.2
ZZ30630		0.37	46.0	1450	10.7	7.0	<0.001	0.10	0.95	2.6	2.7	0.3	25.8	<0.01	0.04	0.4
ZZ30631		0.47	41.5	970	11.5	9.8	0.001	0.06	1.06	4.7	2.8	0.4	27.7	<0.01	0.03	0.9
ZZ30632		0.24	44.2	3210	9.0	8.6	0.001	0.14	0.85	1.8	4.4	0.2	45.3	<0.01	0.03	0.2
ZZ30633		0.10	27.8	850	13.5	8.9	0.001	0.10	0.28	3.5	0.9	0.4	22.4	<0.01	0.04	1.9
ZZ30634		0.12	52.1	1520	9.9	9.2	0.001	0.10	0.69	2.8	4.2	0.4	56.9	<0.01	0.04	0.6
ZZ30635		0.17	86.0	1530	12.5	6.1	<0.001	0.16	0.58	2.1	1.7	0.3	34.4	<0.01	0.05	0.7
ZZ30636		0.38	17.1	1580	6.8	2.5	0.001	0.25	0.39	0.9	1.0	0.2	44.6	<0.01	0.03	0.2

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30597	0.008	0.08	8.83	48	0.06	33.8	646	1.2
ZZ30598	0.007	0.05	0.88	16	<0.05	14.55	188	1.0
ZZ30599	0.010	0.06	1.26	36	0.06	20.8	140	0.6
ZZ30600	0.006	0.08	0.72	32	0.06	15.40	144	1.0
ZZ30601	0.016	0.13	0.71	45	0.08	14.20	115	1.3
ZZ30602	0.015	0.08	0.72	29	0.05	6.83	210	1.0
ZZ30603	0.007	0.20	3.40	58	0.06	14.00	175	0.5
ZZ30604	0.005	0.16	7.17	48	0.06	23.8	71	2.0
ZZ30605	0.006	0.57	2.75	83	0.10	6.35	136	1.7
ZZ30606	<0.005	0.21	3.10	105	<0.05	21.6	416	<0.5
ZZ30607	<0.005	0.25	1.49	112	<0.05	5.52	243	0.7
ZZ30608	0.005	0.26	3.63	142	0.05	21.1	505	0.9
ZZ30609	<0.005	0.23	1.41	85	0.05	9.92	312	1.1
ZZ30610	<0.005	0.24	3.14	90	0.05	17.80	433	1.7
ZZ30611	<0.005	0.25	2.98	124	0.05	16.85	367	1.1
ZZ30612	<0.005	0.21	2.26	90	0.07	15.25	270	1.3
ZZ30613	<0.005	0.18	3.72	73	<0.05	15.80	217	1.6
ZZ30614	<0.005	0.19	3.19	84	0.05	19.10	283	1.5
ZZ30615	<0.005	0.10	1.93	90	0.09	14.20	264	1.4
ZZ30616	<0.005	0.08	1.31	24	<0.05	6.11	63	1.0
ZZ30617	<0.005	0.08	1.23	25	<0.05	13.90	85	1.7
ZZ30618	0.005	0.11	2.02	37	0.07	10.40	106	1.5
ZZ30619	<0.005	0.15	1.39	36	0.05	14.45	132	0.9
ZZ30620	<0.005	0.11	0.73	33	<0.05	5.76	124	1.0
ZZ30621	<0.005	0.09	2.06	14	<0.05	7.27	73	1.1
ZZ30622	<0.005	0.10	1.11	22	0.05	8.09	91	1.1
ZZ30623	<0.005	0.09	1.10	22	0.05	7.25	99	1.0
ZZ30624	<0.005	0.23	1.11	25	<0.05	13.65	116	1.2
ZZ30625	0.008	0.08	0.37	50	0.11	1.82	67	<0.5
ZZ30626	<0.005	0.14	0.60	34	<0.05	3.85	145	0.9
ZZ30627	<0.005	0.10	2.59	83	0.06	13.35	111	1.0
ZZ30628	<0.005	0.13	1.40	25	<0.05	15.90	131	1.6
ZZ30629	0.008	0.28	2.09	50	0.11	13.55	245	<0.5
ZZ30630	0.009	0.22	2.69	59	0.11	41.5	231	0.6
ZZ30631	0.013	0.29	3.84	60	0.13	58.9	233	1.0
ZZ30632	0.009	0.12	3.10	64	0.09	68.0	215	0.7
ZZ30633	<0.005	0.07	0.62	34	<0.05	5.15	136	1.2
ZZ30634	<0.005	0.20	3.31	52	<0.05	29.2	219	1.7
ZZ30635	<0.005	0.11	2.51	44	<0.05	23.5	395	1.8
ZZ30636	0.012	0.06	5.29	42	<0.05	13.20	183	1.3

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30637		0.16	0.004	0.07	0.63	3.8	<0.2	<10	390	0.32	0.13	1.96	2.67	11.30	7.4	11
ZZ30638		0.17	0.002	0.05	0.71	5.8	<0.2	<10	190	0.33	0.15	1.66	3.02	11.30	6.2	15
ZZ30639		0.31	0.001	0.02	1.25	10.2	<0.2	<10	240	0.24	0.25	0.21	0.58	20.6	4.8	19
ZZ30640		0.24	0.001	0.09	1.72	16.7	<0.2	<10	550	0.78	0.24	1.75	4.02	21.7	10.6	25
ZZ30641		0.21	0.001	0.11	1.62	25.0	<0.2	<10	550	0.84	0.23	1.69	2.59	19.50	14.9	24
ZZ30642		0.24	0.001	0.23	1.15	70.0	<0.2	<10	520	0.57	0.21	0.59	1.95	14.05	10.9	23
ZZ30643		0.28	0.003	1.47	1.17	177.0	<0.2	<10	1260	0.79	0.17	1.11	1.41	16.05	10.1	26
ZZ30644		0.38	0.004	0.57	0.56	68.3	<0.2	<10	1160	0.78	0.17	0.57	1.96	19.85	13.1	23
ZZ30645		0.15	0.004	0.41	0.40	28.9	<0.2	<10	760	0.38	0.13	1.32	1.13	10.25	5.6	10
ZZ30646		0.30	0.014	1.19	0.36	22.7	<0.2	<10	2320	0.70	0.18	0.73	3.34	11.40	10.2	16
ZZ30647		0.30	0.006	0.75	0.73	72.1	<0.2	<10	1350	0.83	0.16	0.98	2.31	21.5	10.4	16
ZZ30648		0.13	0.004	0.83	0.55	30.3	<0.2	<10	1220	0.63	0.12	1.32	3.77	9.21	7.2	16
ZZ30649		0.08	0.004	0.34	0.42	21.0	<0.2	<10	580	0.50	0.07	3.51	4.46	9.28	3.8	10
ZZ30650		0.11	0.002	0.55	1.06	21.4	<0.2	<10	500	0.81	0.14	2.41	2.77	30.2	12.8	19
ZZ30651		0.06	0.003	0.15	0.40	4.3	<0.2	<10	320	0.44	0.05	4.83	1.40	13.35	6.0	6
ZZ30652		0.13	0.002	0.32	1.32	13.3	<0.2	<10	560	0.98	0.11	2.49	0.87	40.3	14.2	18
ZZ30653		0.10	0.002	0.22	0.99	16.5	<0.2	<10	560	0.69	0.11	2.87	0.93	31.8	15.3	15
ZZ30654		0.15	0.001	0.33	0.93	20.1	<0.2	<10	560	0.71	0.13	2.01	0.90	30.8	14.5	15
ZZ30655		0.20	0.001	0.46	0.93	19.8	<0.2	<10	440	0.81	0.15	1.85	1.42	33.9	15.5	17
ZZ30656		0.15	0.001	0.24	0.79	16.2	<0.2	<10	440	0.79	0.18	1.47	1.04	21.4	12.8	14
ZZ30657		0.28	0.001	0.24	0.84	20.4	<0.2	<10	280	1.01	0.28	1.23	0.62	20.1	12.1	16
ZZ30658		0.26	0.001	0.29	0.90	14.2	<0.2	<10	400	0.95	0.26	1.66	0.57	17.75	11.2	14
ZZ30659		0.12	0.002	0.24	0.74	13.5	<0.2	<10	340	0.75	0.21	1.59	0.64	16.60	11.1	12
ZZ30660		0.31	0.002	0.22	0.60	16.5	<0.2	<10	250	0.87	0.31	0.87	0.52	18.80	12.8	12
ZZ30661		0.15	0.003	0.21	0.75	10.8	<0.2	<10	450	0.79	0.19	2.72	0.77	18.40	10.1	12
ZZ30662		0.12	0.004	0.19	0.72	9.3	<0.2	<10	430	0.65	0.19	2.35	0.42	12.80	9.2	12
ZZ30663		0.21	0.003	0.19	0.77	11.4	<0.2	<10	400	0.85	0.27	1.47	0.32	16.10	10.9	13
ZZ30664		0.17	0.003	0.11	0.50	6.0	<0.2	<10	330	0.68	0.23	2.35	0.21	13.55	7.4	7
ZZ30665		0.21	0.003	0.16	0.61	13.6	<0.2	<10	290	0.76	0.23	1.07	0.31	19.50	10.0	11
ZZ30666		0.22	0.004	0.16	0.90	12.5	<0.2	<10	380	0.70	0.20	1.11	0.37	16.70	12.7	15
ZZ30667		0.22	0.003	0.19	0.89	18.2	<0.2	<10	630	0.72	0.19	2.53	0.49	12.90	9.5	15
ZZ30668		0.36	0.002	0.27	0.45	119.5	<0.2	<10	100	0.34	0.07	4.89	1.40	14.35	7.5	17
ZZ30669		0.26	0.003	0.25	0.50	52.0	<0.2	<10	110	0.34	0.08	7.38	1.64	10.55	4.9	13
ZZ30670		0.15	0.002	0.25	0.56	51.7	<0.2	<10	80	0.30	0.09	4.04	5.31	10.40	6.6	13

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VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ30637	0.47	12.6	1.10	1.96	<0.05	0.04	0.13	0.018	0.03	9.7	2.3	0.07	797	1.06	0.01
ZZ30638	0.51	11.3	1.46	2.26	<0.05	0.02	0.11	0.017	0.04	10.4	4.4	0.10	473	1.33	0.01
ZZ30639	1.04	8.1	2.37	6.31	<0.05	<0.02	0.02	0.019	0.03	10.6	10.5	0.20	233	1.86	<0.01
ZZ30640	0.94	14.3	2.60	4.76	<0.05	0.03	0.03	0.029	0.05	13.2	9.6	0.32	454	1.43	<0.01
ZZ30641	0.79	15.4	2.54	4.32	<0.05	0.04	0.03	0.029	0.06	12.9	9.0	0.28	319	3.04	<0.01
ZZ30642	0.69	20.5	2.63	3.70	<0.05	0.03	0.04	0.031	0.07	7.0	10.3	0.25	362	5.03	<0.01
ZZ30643	0.66	27.1	2.83	2.91	<0.05	0.05	0.36	0.029	0.06	10.0	8.5	0.16	224	6.67	<0.01
ZZ30644	0.45	76.0	3.68	1.80	0.06	<0.02	0.09	0.041	0.09	8.9	2.3	0.04	258	8.00	<0.01
ZZ30645	0.62	41.2	1.53	1.45	<0.05	0.04	0.14	0.026	0.07	3.6	1.4	0.06	127	3.82	<0.01
ZZ30646	0.91	96.2	2.82	1.78	0.07	0.06	0.29	0.035	0.10	5.4	1.2	0.05	182	10.60	<0.01
ZZ30647	0.43	51.0	2.33	2.17	0.06	0.04	0.29	0.034	0.07	10.4	5.0	0.10	264	4.17	<0.01
ZZ30648	0.42	53.6	1.76	1.67	<0.05	0.05	0.21	0.024	0.06	4.6	2.5	0.09	364	8.48	<0.01
ZZ30649	0.34	23.0	0.96	1.26	<0.05	0.05	0.14	0.013	0.04	6.1	2.9	0.14	222	1.85	0.01
ZZ30650	0.55	42.2	2.62	3.65	0.08	0.06	0.11	0.036	0.12	13.9	15.5	0.42	414	4.86	0.01
ZZ30651	0.30	25.9	0.90	1.17	0.05	0.04	0.10	0.012	0.04	7.7	3.7	0.20	325	2.02	0.01
ZZ30652	0.48	27.0	3.00	4.14	0.08	0.07	0.10	0.039	0.08	20.3	12.5	0.30	442	2.34	0.01
ZZ30653	0.38	23.7	2.96	3.34	0.07	0.04	0.17	0.035	0.08	15.4	9.6	0.26	568	3.29	0.01
ZZ30654	0.31	29.2	3.40	3.29	0.07	0.05	0.11	0.040	0.09	15.3	9.5	0.24	381	4.30	0.01
ZZ30655	0.37	32.8	3.51	3.26	0.08	0.04	0.16	0.039	0.10	16.8	9.8	0.27	508	4.53	0.01
ZZ30656	0.24	25.6	3.07	2.65	0.05	0.04	0.21	0.035	0.08	10.5	8.5	0.19	416	3.50	0.01
ZZ30657	0.75	36.9	3.54	2.78	0.05	0.05	0.69	0.041	0.09	9.8	12.0	0.55	372	2.70	0.01
ZZ30658	0.73	35.7	3.10	2.64	0.05	0.04	0.39	0.035	0.08	8.7	9.4	0.21	321	1.91	0.01
ZZ30659	0.42	22.6	2.77	2.36	<0.05	0.04	0.37	0.032	0.08	7.9	8.6	0.20	344	2.07	0.01
ZZ30660	0.78	33.0	3.71	1.98	0.05	0.04	0.34	0.036	0.09	8.4	8.2	0.21	410	2.34	0.01
ZZ30661	0.37	23.5	2.46	2.25	<0.05	0.05	0.33	0.029	0.07	8.1	7.6	0.22	616	1.61	0.01
ZZ30662	0.45	22.1	2.23	2.07	<0.05	0.05	0.30	0.029	0.07	6.0	7.2	0.22	373	1.36	0.01
ZZ30663	0.43	26.6	2.88	2.40	<0.05	0.04	0.42	0.034	0.09	7.4	11.8	0.33	356	2.06	0.01
ZZ30664	0.38	15.6	2.11	1.33	<0.05	0.04	0.22	0.028	0.07	5.6	3.9	0.13	270	1.13	<0.01
ZZ30665	0.53	19.1	2.86	1.89	0.05	0.04	0.73	0.031	0.08	8.1	5.9	0.15	334	3.58	<0.01
ZZ30666	0.44	19.6	2.92	2.92	<0.05	0.03	0.37	0.032	0.06	6.7	9.9	0.31	1040	1.53	0.01
ZZ30667	0.48	26.3	2.70	2.51	<0.05	0.05	1.00	0.030	0.08	6.4	8.5	0.82	565	1.51	0.01
ZZ30668	0.94	20.4	0.87	2.58	0.13	0.04	0.45	0.014	0.06	37.4	3.0	0.08	184	2.66	0.01
ZZ30669	0.38	12.2	0.71	1.39	0.08	0.04	0.14	0.012	0.05	29.3	2.5	0.09	559	1.65	0.01
ZZ30670	0.54	12.6	0.80	1.69	0.07	0.03	0.23	0.011	0.04	25.4	1.9	0.07	648	1.49	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30637		0.38	49.5	1350	8.3	3.4	<0.001	0.19	0.45	1.3	0.9	0.3	35.8	<0.01	0.04	0.2
ZZ30638		0.43	62.2	1260	9.7	4.3	<0.001	0.14	0.52	1.1	0.8	0.3	25.1	<0.01	0.05	0.2
ZZ30639		1.50	15.9	220	12.4	4.9	<0.001	0.02	0.60	1.9	0.2	0.7	10.9	<0.01	0.05	2.1
ZZ30640		0.75	36.8	970	27.0	8.3	<0.001	0.11	0.69	1.6	0.9	0.5	17.2	<0.01	0.05	0.5
ZZ30641		0.61	69.8	1210	34.1	7.7	<0.001	0.09	0.74	2.2	0.8	0.5	17.9	<0.01	0.07	0.7
ZZ30642		0.56	57.5	610	77.2	9.1	0.001	0.04	1.31	2.5	2.9	0.5	20.1	<0.01	0.11	1.4
ZZ30643		0.32	85.3	630	113.5	7.0	0.003	0.04	1.99	3.8	4.3	0.4	33.6	<0.01	0.08	1.7
ZZ30644		0.13	87.8	3330	31.4	5.2	0.002	0.05	4.63	3.2	5.6	0.5	74.7	<0.01	0.10	1.7
ZZ30645		0.16	35.1	840	11.7	5.9	0.003	0.07	2.04	3.5	2.2	0.3	85.6	<0.01	0.04	2.5
ZZ30646		0.10	113.0	1980	14.8	6.7	0.006	0.08	6.26	6.3	6.1	0.5	130.5	<0.01	0.08	3.6
ZZ30647		0.21	66.1	1200	25.0	5.4	0.003	0.04	2.24	6.0	2.6	0.4	71.8	<0.01	0.05	3.4
ZZ30648		0.16	62.1	1210	10.1	5.1	0.004	0.09	4.23	2.5	4.1	0.4	74.1	<0.01	0.07	0.8
ZZ30649		0.19	37.6	660	7.7	3.9	0.005	0.13	2.13	1.2	2.3	0.2	83.6	<0.01	0.04	0.4
ZZ30650		0.33	48.9	950	13.2	8.6	0.006	0.09	3.00	3.5	3.2	0.5	67.1	<0.01	0.02	1.0
ZZ30651		0.14	25.2	880	4.0	3.0	0.003	0.20	1.75	0.8	1.3	<0.2	109.5	<0.01	<0.01	0.3
ZZ30652		0.45	35.0	920	10.8	9.3	0.006	0.12	1.01	5.4	2.4	0.5	77.2	<0.01	0.01	1.3
ZZ30653		0.39	26.5	890	11.8	8.0	0.003	0.11	1.19	4.3	2.0	0.4	73.2	<0.01	0.02	1.2
ZZ30654		0.39	30.4	1080	12.7	5.8	0.005	0.08	1.36	4.5	2.0	0.4	55.6	<0.01	0.02	1.6
ZZ30655		0.39	33.7	1180	14.5	7.1	0.004	0.08	1.44	5.3	2.6	0.5	54.0	<0.01	0.03	1.6
ZZ30656		0.30	28.3	650	14.9	5.7	0.004	0.06	1.06	3.6	2.0	0.4	40.0	<0.01	0.04	1.2
ZZ30657		0.30	36.9	670	29.3	7.2	0.001	0.03	0.79	6.3	1.2	0.5	33.6	<0.01	0.02	4.2
ZZ30658		0.33	35.9	710	20.6	8.2	<0.001	0.07	0.78	4.1	1.2	0.4	50.0	<0.01	0.02	1.4
ZZ30659		0.30	24.5	520	19.7	6.8	0.003	0.06	0.73	3.9	1.1	0.4	45.0	<0.01	0.01	1.7
ZZ30660		0.21	36.8	600	28.1	7.2	0.001	0.03	0.68	5.5	1.1	0.4	31.6	<0.01	0.04	3.6
ZZ30661		0.30	23.9	660	17.2	8.2	0.002	0.09	0.63	3.1	1.0	0.4	85.9	<0.01	0.02	1.1
ZZ30662		0.28	22.7	660	15.8	7.7	0.002	0.10	0.55	2.6	1.2	0.3	70.3	<0.01	0.02	0.9
ZZ30663		0.31	30.9	470	20.9	6.5	0.003	0.05	0.50	4.5	1.1	0.4	71.8	<0.01	0.03	2.8
ZZ30664		0.14	19.6	420	21.7	5.4	0.003	0.09	0.27	2.2	0.7	0.3	87.5	<0.01	<0.01	1.1
ZZ30665		0.22	25.4	420	18.5	5.9	0.003	0.05	0.34	4.0	0.8	0.4	32.9	<0.01	0.01	3.2
ZZ30666		0.35	24.1	560	19.9	7.0	0.001	0.04	0.45	3.5	0.5	0.4	23.3	<0.01	0.01	2.4
ZZ30667		0.35	24.5	520	39.7	6.6	0.003	0.06	0.60	3.2	0.7	0.4	27.8	<0.01	0.02	1.4
ZZ30668		0.13	37.9	2580	15.7	5.7	<0.001	0.09	3.26	0.9	4.1	0.2	58.2	<0.01	0.01	0.3
ZZ30669		0.19	18.0	2000	6.3	3.4	<0.001	0.21	0.67	0.7	2.6	0.2	49.1	<0.01	<0.01	0.2
ZZ30670		0.19	17.8	2310	6.4	3.8	<0.001	0.22	0.80	0.7	2.6	0.2	33.9	<0.01	<0.01	<0.2

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30637		0.014	0.08	2.02	31	0.06	18.75	266	1.2
ZZ30638		0.015	0.09	1.76	39	0.10	20.5	304	0.5
ZZ30639		0.033	0.17	0.48	69	0.36	2.25	84	<0.5
ZZ30640		0.020	0.17	0.70	61	0.14	15.25	206	0.7
ZZ30641		0.011	0.19	0.72	60	0.11	16.30	185	1.1
ZZ30642		0.010	0.30	2.14	76	0.14	7.16	268	0.9
ZZ30643		<0.005	0.59	1.77	121	0.14	16.45	649	1.4
ZZ30644		<0.005	0.30	4.13	160	0.06	17.55	571	<0.5
ZZ30645		<0.005	0.22	1.84	69	<0.05	8.11	220	1.0
ZZ30646		<0.005	0.33	3.66	149	<0.05	28.9	717	3.3
ZZ30647		<0.005	0.23	2.73	100	0.06	23.8	411	1.1
ZZ30648		<0.005	0.28	2.75	176	0.09	16.85	390	1.5
ZZ30649		0.005	0.10	3.28	83	0.10	13.65	264	1.6
ZZ30650		0.005	0.20	3.51	80	<0.05	14.30	263	2.1
ZZ30651		<0.005	0.06	1.74	21	<0.05	8.13	69	1.4
ZZ30652		<0.005	0.16	1.70	65	0.07	18.55	111	1.8
ZZ30653		<0.005	0.11	1.68	69	0.06	13.40	104	1.5
ZZ30654		<0.005	0.11	1.87	80	0.06	14.90	141	1.4
ZZ30655		<0.005	0.11	2.24	84	0.10	16.90	159	1.3
ZZ30656		<0.005	0.08	1.60	63	0.30	11.95	131	1.1
ZZ30657		<0.005	0.19	1.11	37	0.05	13.25	138	1.9
ZZ30658		<0.005	0.11	1.88	34	0.05	13.10	100	1.3
ZZ30659		<0.005	0.11	1.24	37	0.06	10.20	115	1.2
ZZ30660		<0.005	0.12	1.03	29	<0.05	12.50	125	1.7
ZZ30661		<0.005	0.09	1.50	32	<0.05	11.80	110	1.3
ZZ30662		<0.005	0.10	1.30	23	<0.05	9.35	73	1.2
ZZ30663		<0.005	0.12	1.12	23	0.05	11.05	101	1.6
ZZ30664		<0.005	0.16	1.15	10	<0.05	8.16	68	1.3
ZZ30665		<0.005	0.35	1.74	18	<0.05	10.05	90	1.5
ZZ30666		<0.005	0.09	0.97	29	0.06	7.91	96	1.0
ZZ30667		<0.005	0.16	2.15	27	0.05	9.12	102	1.6
ZZ30668		<0.005	0.20	5.19	29	0.05	46.2	190	1.2
ZZ30669		0.007	0.09	1.30	19	0.05	46.7	100	1.3
ZZ30670		0.005	0.08	2.10	23	<0.05	42.8	187	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121808

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method:	ME-MS41

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- JUL- 2013
Account: RCM

CERTIFICATE WH13121809

Project: Nadaleen
P.O. No.: SO13- 05
This report is for 159 Soil samples submitted to our lab in Whitehorse, YT, Canada on 2- JUL- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77572		0.24	0.003	0.38	1.14	36.7	<0.2	<10	580	0.69	0.23	2.14	2.30	20.1	8.4	28
ZZ77573		0.21	0.003	0.19	0.96	81.9	<0.2	<10	330	0.45	0.24	1.03	0.70	16.20	6.8	22
ZZ77574		0.28	0.004	0.52	0.87	204	<0.2	<10	250	0.71	0.18	1.40	1.58	16.75	10.0	26
ZZ77575		0.27	0.003	0.23	0.79	161.0	<0.2	<10	140	0.51	0.12	1.06	1.47	18.25	6.9	25
ZZ77576		0.23	0.003	0.43	0.96	215	<0.2	<10	190	0.68	0.17	4.43	1.79	18.90	13.6	26
ZZ77577		0.32	0.004	0.68	0.95	73.7	<0.2	<10	160	0.94	0.31	2.23	0.77	9.56	16.3	30
ZZ77578		0.29	0.003	0.84	1.36	225	<0.2	<10	220	1.00	0.23	2.89	1.44	15.90	19.8	44
ZZ77579		0.22	0.003	0.28	1.22	26.8	<0.2	<10	230	0.99	0.25	1.62	0.28	8.71	8.7	23
ZZ77580		0.27	0.004	1.08	1.57	177.0	<0.2	<10	340	1.22	0.21	0.96	1.18	36.9	11.8	33
ZZ77581		0.25	0.002	0.34	1.28	33.0	<0.2	<10	370	0.79	0.21	1.07	2.93	28.8	13.2	31
ZZ77582		0.27	0.002	0.26	0.78	11.8	<0.2	<10	290	0.74	0.18	5.61	15.75	20.1	15.0	32
ZZ77583		0.22	0.002	0.27	0.80	10.5	<0.2	<10	680	0.62	0.18	3.24	4.38	20.6	12.9	31
ZZ77584		0.31	0.002	0.29	1.16	18.6	<0.2	<10	390	0.73	0.27	1.30	1.81	23.7	14.3	30
ZZ77585		0.23	0.001	0.11	2.08	22.4	<0.2	<10	310	1.13	0.31	1.07	9.62	31.4	12.8	36
ZZ77586		0.15	0.001	0.12	2.03	30.6	<0.2	<10	340	1.19	0.31	1.74	9.91	31.3	19.1	37
ZZ77587		0.19	0.002	0.19	1.57	35.4	<0.2	<10	300	0.84	0.26	1.53	1.88	24.6	9.4	31
ZZ77588		0.19	0.005	1.29	0.67	21.5	<0.2	<10	750	0.55	0.20	1.07	0.81	11.85	6.4	18
ZZ77589		0.32	0.007	1.57	0.49	20.2	<0.2	<10	1980	0.47	0.18	1.09	1.54	11.20	4.5	16
ZZ77590		0.24	0.008	1.51	0.56	21.3	<0.2	<10	1390	0.76	0.16	0.62	2.76	25.0	8.7	18
ZZ77591		0.19	0.005	1.55	0.55	20.7	<0.2	<10	1090	0.78	0.18	0.95	1.58	13.95	9.5	15
ZZ77592		0.15	0.005	1.51	0.48	25.7	<0.2	<10	880	0.42	0.19	0.45	2.55	6.43	3.7	18
ZZ77593		0.22	0.006	1.39	0.88	61.5	<0.2	<10	1840	0.80	0.19	0.68	9.31	14.60	11.1	32
ZZ77594		0.20	0.002	0.23	1.53	11.0	<0.2	<10	520	0.86	0.12	2.04	1.40	53.7	10.2	29
ZZ77595		0.14	0.002	0.17	1.32	15.2	<0.2	<10	280	0.78	0.15	1.52	0.91	43.0	13.4	25
ZZ77596		0.16	0.002	0.18	1.77	17.7	<0.2	<10	390	0.75	0.10	2.17	0.86	55.1	23.0	23
ZZ77597		0.16	0.003	0.17	0.94	16.1	<0.2	<10	300	0.59	0.09	2.55	0.72	29.7	12.8	15
ZZ77598		0.21	0.003	0.34	0.87	21.2	<0.2	<10	360	0.80	0.20	1.77	1.81	21.9	13.1	18
ZZ77599		0.25	0.003	0.27	0.82	15.5	<0.2	<10	350	0.84	0.20	3.48	0.86	14.25	9.4	15
ZZ77600		0.20	0.010	0.32	0.71	14.2	<0.2	<10	280	0.91	0.27	1.45	1.10	16.85	13.2	16
ZZ77601		0.15	0.002	0.25	0.65	11.4	<0.2	<10	280	0.80	0.23	1.55	0.83	14.65	9.5	14
ZZ77602		0.26	0.003	0.33	0.72	11.5	<0.2	<10	270	0.92	0.25	1.43	1.31	14.45	11.1	15
ZZ77603		0.20	0.002	0.25	0.71	10.4	<0.2	<10	230	0.82	0.23	1.21	1.19	10.20	11.5	14
ZZ77604		0.23	0.002	0.30	0.88	10.1	<0.2	<10	260	0.89	0.23	1.08	0.92	12.05	12.8	17
ZZ77605		0.19	0.003	0.40	1.11	11.8	<0.2	<10	360	1.05	0.28	1.50	0.54	12.00	14.5	21
ZZ77606		0.13	0.002	0.34	0.74	15.9	<0.2	10	240	0.68	0.16	1.37	1.61	17.75	10.7	16
ZZ77607		0.17	0.003	0.41	0.67	16.2	<0.2	10	490	0.65	0.15	1.56	1.20	17.25	9.2	14
ZZ77608		0.17	0.003	0.31	0.69	15.2	<0.2	<10	450	0.57	0.16	1.06	0.84	14.85	10.2	14
ZZ77609		0.12	0.005	0.40	0.74	13.2	<0.2	<10	510	0.77	0.16	1.73	2.44	16.40	10.1	15
ZZ77610		0.29	0.005	0.26	1.05	196.5	<0.2	<10	210	0.63	0.17	1.86	1.50	17.55	10.5	25
ZZ77611		0.31	0.003	0.50	0.79	330	<0.2	<10	250	0.67	0.13	6.38	2.28	13.85	13.3	26

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77572		1.74	21.5	2.46	3.97	0.05	0.02	0.09	0.029	0.07	17.8	6.9	0.16	496	2.53	0.01
ZZ77573		1.31	20.4	2.16	3.86	<0.05	<0.02	0.06	0.031	0.07	9.4	6.4	0.14	300	2.90	0.01
ZZ77574		1.53	27.8	2.17	2.74	0.07	0.03	0.14	0.030	0.09	19.8	6.0	0.13	351	3.17	0.01
ZZ77575		0.67	15.5	1.57	2.01	0.08	0.03	0.14	0.018	0.05	28.9	4.5	0.13	288	3.23	<0.01
ZZ77576		1.11	23.2	2.09	2.98	0.09	0.03	0.13	0.026	0.09	29.4	7.4	0.21	381	3.49	0.01
ZZ77577		1.90	36.9	3.48	3.39	0.05	0.06	0.21	0.051	0.15	9.0	16.0	0.14	348	2.82	0.01
ZZ77578		1.72	31.9	3.73	3.69	0.11	0.06	0.24	0.040	0.11	26.4	8.3	0.13	576	4.77	0.01
ZZ77579		0.91	33.2	2.96	3.86	<0.05	0.06	0.10	0.040	0.09	6.7	17.3	0.21	150	1.45	0.01
ZZ77580		1.84	26.6	3.09	3.86	0.08	0.06	0.33	0.042	0.08	21.7	13.1	0.17	417	4.29	0.01
ZZ77581		0.76	20.4	2.78	4.08	0.06	0.03	0.14	0.029	0.07	20.7	12.7	0.34	573	1.65	0.01
ZZ77582		0.58	21.1	2.51	2.31	0.08	0.06	0.08	0.028	0.11	18.7	5.8	0.21	767	3.66	0.01
ZZ77583		0.40	20.5	2.09	2.29	0.09	0.04	0.15	0.028	0.06	23.1	5.2	0.67	996	3.47	0.01
ZZ77584		0.97	27.6	3.06	3.61	0.05	0.03	0.12	0.038	0.14	15.6	11.3	0.31	370	4.42	0.01
ZZ77585		1.36	16.1	3.43	6.18	0.06	0.02	0.08	0.041	0.08	18.4	13.6	0.43	833	1.48	0.01
ZZ77586		1.05	18.0	3.14	6.05	0.08	0.04	0.06	0.040	0.07	27.5	11.5	0.37	977	2.96	0.01
ZZ77587		0.86	15.1	2.74	4.90	0.06	0.03	0.06	0.039	0.07	21.0	10.0	0.32	291	2.93	0.01
ZZ77588		0.60	27.6	1.88	2.06	0.07	0.04	0.12	0.033	0.07	8.4	4.7	0.11	134	3.43	<0.01
ZZ77589		0.45	43.7	1.48	1.88	0.06	0.04	0.20	0.028	0.07	7.7	3.8	0.10	74	13.30	<0.01
ZZ77590		0.66	79.9	2.62	2.50	0.09	0.02	0.27	0.038	0.09	11.3	2.3	0.05	195	7.18	<0.01
ZZ77591		0.69	62.6	2.00	2.11	0.08	0.03	0.28	0.037	0.06	6.4	2.7	0.07	226	5.53	0.01
ZZ77592		1.06	32.5	1.76	2.61	<0.05	<0.02	0.18	0.031	0.16	3.9	2.4	0.05	60	12.50	0.01
ZZ77593		0.98	60.5	1.89	3.38	0.07	0.04	0.32	0.034	0.08	9.5	6.1	0.12	542	23.1	<0.01
ZZ77594		1.05	31.7	2.77	6.08	0.12	0.04	0.07	0.035	0.09	29.4	16.8	0.37	244	3.76	0.01
ZZ77595		0.48	26.7	3.02	4.07	0.07	0.04	0.09	0.032	0.10	20.9	19.1	0.51	479	2.43	0.01
ZZ77596		0.70	31.7	4.28	6.03	0.09	0.05	0.09	0.036	0.11	27.8	32.7	0.73	2190	1.89	0.01
ZZ77597		0.40	21.5	3.04	2.81	0.05	0.03	0.11	0.028	0.07	14.7	9.3	0.27	593	2.07	<0.01
ZZ77598		0.43	26.9	3.00	2.66	0.05	0.03	0.58	0.032	0.08	10.9	8.3	0.28	510	3.91	<0.01
ZZ77599		0.47	27.2	2.53	2.12	<0.05	0.04	1.62	0.025	0.08	8.5	6.4	1.24	583	1.92	0.01
ZZ77600		0.69	34.0	2.92	2.18	0.05	0.04	1.00	0.032	0.09	8.5	7.9	0.33	551	2.87	0.01
ZZ77601		0.46	24.4	2.49	1.85	<0.05	0.04	1.40	0.031	0.08	7.7	5.8	0.20	417	2.04	<0.01
ZZ77602		0.62	34.5	2.79	2.07	<0.05	0.04	0.71	0.031	0.09	7.7	7.6	0.23	441	1.99	<0.01
ZZ77603		0.57	23.2	3.08	1.91	<0.05	0.03	0.42	0.032	0.09	5.2	9.3	0.18	462	2.68	<0.01
ZZ77604		0.66	33.1	3.01	2.46	<0.05	0.04	0.45	0.031	0.09	5.6	13.0	0.29	585	2.22	<0.01
ZZ77605		1.05	47.1	3.25	3.17	0.05	0.04	0.59	0.039	0.10	6.4	18.1	0.40	507	1.76	0.01
ZZ77606		0.44	33.6	2.84	2.28	0.05	0.04	0.23	0.032	0.12	8.6	10.7	0.32	440	3.28	0.01
ZZ77607		0.50	32.5	2.59	2.15	0.05	0.04	0.28	0.032	0.10	8.1	9.0	0.28	266	3.15	0.01
ZZ77608		0.58	26.7	2.73	2.19	0.05	0.03	0.23	0.031	0.08	6.8	7.7	0.24	324	3.70	0.01
ZZ77609		0.64	38.6	2.39	2.22	0.06	0.04	0.33	0.031	0.08	8.1	8.8	0.28	215	2.90	0.01
ZZ77610		0.88	23.9	2.32	2.80	0.07	0.03	0.16	0.023	0.09	20.7	7.6	0.26	313	3.16	0.01
ZZ77611		0.58	22.5	1.88	2.31	0.10	0.07	0.30	0.021	0.09	30.6	5.2	0.14	417	5.45	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method / Analyte / Units / LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ77572		0.59	36.8	1380	13.5	11.0	0.001	0.13	0.81	2.2	2.1	0.5	38.7	<0.01	0.01	0.4
ZZ77573		0.51	35.3	840	13.5	9.3	<0.001	0.07	0.97	1.7	1.8	0.5	26.0	<0.01	0.04	0.4
ZZ77574		0.27	66.9	1160	13.7	9.3	<0.001	0.08	1.32	3.2	3.0	0.4	36.1	<0.01	0.07	0.6
ZZ77575		0.21	49.9	1720	10.4	4.6	<0.001	0.07	1.13	2.0	2.4	0.3	27.8	<0.01	<0.01	0.3
ZZ77576		0.33	53.3	1710	10.9	9.5	<0.001	0.08	1.48	2.3	2.2	0.4	62.0	<0.01	0.02	0.5
ZZ77577		0.07	54.2	1230	19.5	13.1	0.001	0.16	0.66	4.4	2.2	0.6	63.9	<0.01	0.05	1.8
ZZ77578		0.22	79.6	3380	13.5	14.4	0.001	0.07	0.96	4.8	3.6	0.5	80.7	<0.01	0.04	1.3
ZZ77579		0.16	36.1	900	14.8	11.6	0.001	0.13	0.49	3.8	1.3	0.5	30.0	<0.01	0.02	1.2
ZZ77580		0.35	60.6	1390	193.5	15.0	<0.001	0.05	1.58	4.8	2.8	0.5	42.8	<0.01	0.06	2.2
ZZ77581		0.49	88.3	1780	34.4	9.3	<0.001	0.05	0.76	3.1	1.2	0.5	29.6	<0.01	0.02	1.0
ZZ77582		0.31	355	2640	14.9	8.2	<0.001	0.06	1.29	4.8	2.6	0.4	47.1	<0.01	0.08	1.7
ZZ77583		0.30	136.0	1890	14.6	6.0	<0.001	0.13	1.23	2.8	2.0	0.4	31.2	<0.01	0.03	0.5
ZZ77584		0.55	54.6	1260	20.5	13.4	<0.001	0.18	1.27	3.5	1.0	0.5	33.4	<0.01	0.18	1.5
ZZ77585		0.80	94.9	910	23.6	15.9	0.001	0.07	0.86	3.4	0.8	0.7	19.1	0.01	0.02	1.1
ZZ77586		0.74	143.5	1240	21.9	9.2	0.001	0.06	0.80	3.3	1.8	0.6	23.7	<0.01	0.10	1.0
ZZ77587		0.75	55.3	1000	26.7	10.5	<0.001	0.06	0.98	2.9	1.5	0.5	22.2	<0.01	0.08	0.9
ZZ77588		0.23	64.0	680	14.0	7.6	0.002	0.03	1.34	3.7	3.6	0.3	22.5	<0.01	0.17	1.2
ZZ77589		0.18	58.2	870	11.5	5.7	0.006	0.09	2.15	2.7	6.5	0.4	44.5	<0.01	0.11	1.0
ZZ77590		0.20	84.1	1740	12.7	7.6	0.003	0.01	3.74	6.8	4.7	0.5	52.2	<0.01	0.07	2.9
ZZ77591		0.21	48.4	980	13.2	7.2	0.006	0.06	3.03	5.1	7.8	0.4	57.3	<0.01	0.07	2.0
ZZ77592		0.23	27.3	590	18.7	12.5	0.005	0.31	3.99	2.4	6.5	0.6	88.3	<0.01	0.09	1.1
ZZ77593		0.40	87.9	940	13.5	9.0	0.006	0.09	8.90	3.6	8.1	0.5	61.8	<0.01	0.14	0.9
ZZ77594		0.46	29.0	840	10.6	11.0	0.001	0.07	1.48	3.3	2.4	0.6	51.5	<0.01	0.03	1.0
ZZ77595		0.53	25.5	590	12.5	7.4	0.001	0.05	1.23	4.2	1.5	0.4	40.3	<0.01	0.02	1.5
ZZ77596		0.48	28.4	1130	11.6	7.8	0.001	0.10	0.68	5.9	1.8	0.5	53.1	<0.01	0.02	1.3
ZZ77597		0.36	19.8	900	8.6	5.9	0.002	0.09	0.81	3.8	1.7	0.4	57.7	<0.01	0.01	0.8
ZZ77598		0.33	38.5	760	18.4	6.1	0.002	0.06	1.69	3.8	2.2	0.4	38.5	<0.01	0.04	1.3
ZZ77599		0.26	32.7	610	23.1	5.8	0.001	0.06	1.07	2.8	1.9	0.4	38.8	<0.01	0.03	0.9
ZZ77600		0.27	37.7	640	20.1	7.9	0.001	0.05	1.23	4.0	2.4	0.4	35.2	<0.01	0.04	1.6
ZZ77601		0.22	27.2	530	17.6	5.8	0.002	0.06	0.89	3.1	1.7	0.4	34.7	<0.01	0.03	1.2
ZZ77602		0.24	35.6	590	16.7	6.7	0.002	0.06	0.95	3.8	1.9	0.4	36.2	<0.01	0.03	1.3
ZZ77603		0.17	32.7	490	14.3	6.1	0.002	0.04	0.99	3.4	1.5	0.4	32.6	<0.01	0.03	1.5
ZZ77604		0.22	41.7	570	14.0	7.2	0.002	0.04	0.90	4.0	1.5	0.4	68.2	<0.01	0.04	1.5
ZZ77605		0.23	48.9	710	17.4	10.2	0.002	0.06	0.95	4.7	2.4	0.5	174.5	<0.01	0.04	1.5
ZZ77606		0.23	41.4	1080	14.8	11.1	0.004	0.13	1.54	3.8	2.1	0.4	296	<0.01	0.04	2.1
ZZ77607		0.21	41.6	1110	16.8	6.9	0.005	0.11	1.66	3.6	2.8	0.4	223	<0.01	0.04	1.6
ZZ77608		0.17	33.9	1070	15.1	6.9	0.005	0.07	1.44	3.4	2.5	0.4	103.5	<0.01	0.04	1.8
ZZ77609		0.21	47.5	1030	16.5	7.6	0.010	0.13	1.50	3.5	3.2	0.4	155.0	<0.01	0.05	1.4
ZZ77610		0.33	70.0	1410	11.6	7.0	<0.001	0.09	1.24	1.9	2.5	0.3	35.0	<0.01	0.05	0.4
ZZ77611		0.19	63.8	2650	11.0	5.9	0.001	0.12	1.50	1.9	4.3	0.3	59.3	<0.01	0.03	0.6

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VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77572		0.013	0.22	2.08	52	0.14	30.0	153	0.6
ZZ77573		0.013	0.23	1.25	54	0.12	10.80	137	<0.5
ZZ77574		0.006	0.38	2.39	52	0.13	39.4	253	1.0
ZZ77575		0.008	0.22	3.95	42	0.11	51.1	183	0.6
ZZ77576		0.009	0.37	1.97	44	0.34	46.2	210	1.0
ZZ77577		<0.005	0.21	1.28	35	0.05	20.7	176	1.8
ZZ77578		<0.005	0.21	2.67	51	0.05	59.7	256	1.7
ZZ77579		<0.005	0.14	1.76	30	<0.05	17.65	104	1.8
ZZ77580		<0.005	0.82	2.32	80	0.12	31.5	264	1.5
ZZ77581		0.016	0.16	3.57	74	0.15	33.4	393	1.0
ZZ77582		0.009	0.14	3.95	84	0.14	52.5	1660	1.9
ZZ77583		0.010	0.11	3.92	76	0.16	55.7	677	1.2
ZZ77584		0.016	0.24	0.96	55	0.17	22.1	179	1.2
ZZ77585		0.026	0.19	0.77	77	0.16	21.8	593	0.7
ZZ77586		0.017	0.21	1.03	83	0.17	50.4	597	1.0
ZZ77587		0.015	0.19	2.15	74	0.24	29.5	224	0.9
ZZ77588		0.005	0.16	1.92	46	0.06	23.6	180	1.1
ZZ77589		0.005	0.58	2.66	53	0.15	18.00	179	1.5
ZZ77590		<0.005	0.27	5.23	128	0.05	31.1	368	<0.5
ZZ77591		<0.005	0.23	4.32	114	0.05	20.3	253	1.0
ZZ77592		<0.005	0.99	1.77	131	0.10	8.21	156	0.6
ZZ77593		0.007	0.77	5.56	421	0.23	26.0	530	1.5
ZZ77594		0.006	0.14	1.89	85	0.05	17.35	121	1.2
ZZ77595		0.012	0.14	1.14	70	0.10	11.45	117	1.2
ZZ77596		0.009	0.11	1.15	102	0.05	18.05	100	1.1
ZZ77597		0.005	0.11	1.39	63	0.06	12.05	97	0.9
ZZ77598		<0.005	0.16	1.61	125	0.07	12.80	229	1.1
ZZ77599		<0.005	0.18	1.63	52	0.06	12.85	133	1.1
ZZ77600		0.005	0.15	1.79	57	0.07	13.50	165	1.6
ZZ77601		<0.005	0.13	1.90	54	0.05	12.75	128	1.1
ZZ77602		<0.005	0.13	1.90	57	0.07	12.60	143	1.2
ZZ77603		<0.005	0.09	1.34	69	<0.05	9.10	181	0.9
ZZ77604		<0.005	0.10	1.75	59	<0.05	11.10	153	1.1
ZZ77605		<0.005	0.13	2.55	54	<0.05	15.65	131	1.3
ZZ77606		<0.005	0.14	1.12	98	0.06	13.40	280	1.5
ZZ77607		<0.005	0.17	1.58	78	0.05	13.60	265	1.5
ZZ77608		<0.005	0.17	1.53	79	0.05	10.95	219	1.1
ZZ77609		<0.005	0.19	2.05	76	0.08	15.10	215	1.5
ZZ77610		0.012	0.24	1.23	51	0.29	38.3	265	0.8
ZZ77611		0.006	0.39	3.21	57	0.10	61.7	307	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77612	0.23	0.003	0.41	1.25	420	<0.2	<10	210	1.17	0.19	2.44	3.10	11.40	13.6	43
ZZ77613	0.25	0.003	0.67	0.79	262	<0.2	<10	170	0.83	0.20	3.50	0.98	9.12	9.3	31
ZZ77614	0.19	0.004	0.31	1.48	165.5	<0.2	<10	190	0.73	0.20	2.52	1.96	19.75	9.5	31
ZZ77615	0.23	0.003	0.11	1.28	8.8	<0.2	<10	720	0.93	0.22	1.58	0.83	7.88	8.7	29
ZZ77616	0.30	0.008	0.10	0.61	10.8	<0.2	<10	530	0.64	0.25	3.98	5.88	10.60	9.0	14
ZZ77617	0.32	0.003	0.10	0.65	6.2	<0.2	<10	240	0.47	0.11	9.97	21.8	15.55	10.0	23
ZZ77618	0.25	0.001	0.24	0.94	22.2	<0.2	<10	230	0.55	0.15	1.61	7.72	20.6	11.2	26
ZZ77619	0.32	0.003	0.57	1.00	23.9	<0.2	<10	390	0.80	0.29	1.30	2.95	25.6	14.8	38
ZZ77620	0.25	0.003	0.21	1.17	27.3	<0.2	<10	310	0.66	0.22	1.93	3.65	25.5	12.5	27
ZZ77621	0.19	0.002	0.21	1.71	24.7	<0.2	<10	520	0.98	0.27	1.54	3.45	24.0	14.7	29
ZZ77622	0.19	0.002	0.09	1.63	24.7	<0.2	<10	440	0.81	0.25	2.29	4.90	23.8	13.3	29
ZZ77623	0.26	0.007	1.81	0.84	35.3	<0.2	<10	520	0.66	0.19	1.00	0.59	16.40	6.8	27
ZZ77624	0.26	0.008	1.82	0.61	36.2	<0.2	<10	1900	0.71	0.19	1.53	2.65	15.55	7.9	20
ZZ77625	0.19	0.006	1.09	0.49	34.7	<0.2	<10	1440	0.55	0.15	2.13	3.25	14.05	7.9	17
ZZ77626	0.13	0.004	0.75	0.48	23.7	<0.2	<10	1380	0.54	0.10	3.15	2.75	11.85	5.3	13
ZZ77627	0.15	0.004	0.48	0.49	134.5	<0.2	<10	800	0.60	0.14	1.14	2.65	13.75	9.2	15
ZZ77628	0.29	0.006	0.88	0.72	44.4	<0.2	<10	1720	0.90	0.18	0.58	2.37	14.00	10.4	24
ZZ77629	0.21	0.155	1.07	0.88	85.4	<0.2	<10	1290	0.77	0.17	1.11	7.85	14.05	8.1	22
ZZ77630	0.12	0.003	0.43	1.29	29.1	<0.2	<10	540	0.72	0.12	2.18	2.87	38.6	16.6	17
ZZ77631	0.19	0.004	0.61	0.71	26.4	<0.2	<10	730	0.64	0.13	1.66	3.56	19.75	10.2	14
ZZ77632	0.17	0.005	0.60	0.69	33.1	<0.2	<10	770	0.66	0.13	1.68	3.31	21.0	11.8	15
ZZ77633	0.11	0.002	0.48	0.77	21.9	<0.2	<10	390	0.56	0.12	2.23	2.16	25.8	12.7	15
ZZ77634	0.17	0.004	0.53	0.86	19.6	<0.2	<10	550	0.78	0.11	2.42	2.00	29.4	17.6	14
ZZ77635	0.18	0.003	0.38	1.09	17.1	<0.2	<10	440	0.74	0.20	1.26	1.08	24.5	12.8	20
ZZ77636	0.23	0.002	0.53	1.32	18.3	<0.2	<10	500	0.88	0.24	1.12	0.86	25.9	12.0	24
ZZ77637	0.26	0.002	0.21	0.98	17.0	<0.2	<10	490	0.78	0.25	1.09	0.65	18.00	13.2	18
ZZ77638	0.23	0.001	0.31	0.91	16.7	<0.2	<10	1730	0.87	0.23	2.28	1.11	25.3	14.0	14
ZZ77639	0.19	0.002	0.33	0.95	12.7	<0.2	<10	420	0.69	0.20	1.39	1.05	18.85	9.7	16
ZZ77640	0.16	0.002	0.16	0.73	13.4	<0.2	<10	260	0.63	0.23	1.04	0.55	15.15	11.6	13
ZZ77641	0.23	0.002	0.06	0.98	14.3	<0.2	<10	130	0.41	0.24	0.39	0.25	9.40	8.1	15
ZZ77642	0.35	0.001	0.07	0.73	8.6	<0.2	<10	210	1.05	0.38	0.23	0.10	14.60	13.6	8
ZZ77643	0.35	0.001	0.14	0.33	9.9	<0.2	<10	150	0.57	0.33	4.38	0.17	18.70	10.7	5
ZZ77644	0.17	0.006	0.13	0.65	11.7	<0.2	<10	290	0.58	0.21	1.56	0.45	12.95	8.8	11
ZZ77645	0.21	0.018	0.12	0.35	16.2	<0.2	<10	340	0.63	0.25	0.72	0.29	22.2	10.8	8
ZZ77646	0.28	0.001	0.06	1.58	15.9	<0.2	<10	210	0.72	0.25	0.18	0.21	21.2	13.6	24
ZZ77647	0.31	0.002	0.08	1.10	17.2	<0.2	<10	420	0.81	0.24	0.54	0.27	15.80	13.7	19
ZZ77648	0.43	0.001	0.17	0.88	21.5	<0.2	<10	410	0.75	0.20	2.98	0.47	11.55	10.6	19
ZZ77649	0.26	0.001	0.22	0.89	121.0	<0.2	10	410	0.47	0.21	8.52	2.69	18.35	11.6	20
ZZ77650	0.28	0.001	0.17	0.78	215	<0.2	<10	320	0.50	0.20	0.90	1.05	11.80	6.3	21
ZZ77651	0.23	0.001	0.14	1.19	114.5	<0.2	<10	230	0.56	0.22	0.29	0.86	17.30	7.9	26

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77612		1.25	25.0	2.45	2.44	0.10	0.08	0.31	0.029	0.09	27.5	5.6	0.09	523	2.78	0.01
ZZ77613		1.26	26.1	2.52	2.24	0.06	0.10	0.31	0.031	0.09	14.7	5.1	0.09	293	2.32	0.01
ZZ77614		1.27	14.4	2.29	3.86	0.08	0.03	0.13	0.025	0.04	30.4	8.3	0.22	447	1.91	0.01
ZZ77615		0.98	25.2	2.76	3.26	<0.05	0.04	0.08	0.034	0.08	5.7	15.1	0.25	289	1.13	0.01
ZZ77616		0.92	25.4	2.82	1.58	0.05	0.03	0.10	0.039	0.13	9.2	6.3	0.08	408	2.01	0.01
ZZ77617		0.47	16.2	1.22	1.58	0.08	0.06	0.12	0.020	0.10	24.5	4.5	0.14	1480	1.15	0.01
ZZ77618		0.40	13.0	1.82	2.20	0.07	0.03	0.16	0.026	0.05	18.9	8.0	0.17	995	2.37	0.01
ZZ77619		0.45	31.7	3.22	2.72	0.10	0.05	0.22	0.041	0.07	21.3	8.3	0.24	554	4.76	0.01
ZZ77620		0.57	23.7	2.60	2.92	0.08	0.04	0.12	0.029	0.06	22.6	7.8	0.21	734	2.61	0.01
ZZ77621		0.87	14.6	2.92	4.67	0.06	0.04	0.06	0.034	0.06	20.6	8.0	0.29	318	1.98	0.01
ZZ77622		0.65	16.0	2.90	4.39	0.05	0.05	0.04	0.036	0.08	19.6	9.0	0.31	579	5.76	<0.01
ZZ77623		0.68	36.7	2.10	2.29	0.06	0.06	0.33	0.036	0.07	13.0	5.3	0.13	149	5.00	<0.01
ZZ77624		0.38	61.8	2.14	1.85	0.06	0.04	0.29	0.032	0.10	9.7	3.8	0.13	150	10.10	<0.01
ZZ77625		0.43	55.3	2.17	1.63	0.05	0.04	0.26	0.032	0.08	7.2	3.0	0.11	165	5.99	<0.01
ZZ77626		0.34	46.1	1.46	1.38	<0.05	0.05	0.21	0.021	0.05	6.3	2.5	0.11	247	2.12	<0.01
ZZ77627		0.56	48.6	2.46	1.67	0.05	0.03	0.17	0.030	0.08	6.2	2.2	0.09	289	7.19	<0.01
ZZ77628		0.67	61.5	2.89	2.54	0.05	0.02	0.33	0.033	0.09	6.7	4.2	0.11	231	7.84	<0.01
ZZ77629		0.62	51.8	2.25	2.80	<0.05	0.03	0.31	0.029	0.07	7.2	5.3	0.16	240	6.35	<0.01
ZZ77630		0.64	37.8	3.15	3.84	0.08	0.07	0.15	0.035	0.12	19.7	17.4	0.42	370	4.21	<0.01
ZZ77631		0.58	43.8	2.26	2.13	0.05	0.05	0.17	0.031	0.12	9.2	5.7	0.21	330	5.84	<0.01
ZZ77632		0.54	46.2	2.63	2.24	0.06	0.05	0.17	0.032	0.12	9.6	6.0	0.21	347	6.26	<0.01
ZZ77633		0.35	32.6	3.14	2.43	0.06	0.05	0.16	0.037	0.11	12.2	5.9	0.23	705	4.92	<0.01
ZZ77634		0.21	42.8	3.43	2.53	0.06	0.04	0.15	0.038	0.10	14.8	5.0	0.19	566	6.37	<0.01
ZZ77635		0.47	30.1	3.43	3.37	0.05	0.03	0.19	0.032	0.09	12.5	10.1	0.24	405	3.42	<0.01
ZZ77636		0.66	25.4	3.33	3.81	0.05	0.04	0.46	0.038	0.09	14.0	12.3	0.28	409	5.68	<0.01
ZZ77637		0.49	27.7	3.67	2.70	<0.05	0.04	0.39	0.038	0.08	8.6	9.5	0.25	404	4.11	<0.01
ZZ77638		0.43	27.1	3.37	2.18	<0.05	0.04	1.62	0.038	0.06	8.6	6.4	0.25	715	2.11	<0.01
ZZ77639		0.44	23.2	2.49	2.73	<0.05	0.04	0.41	0.030	0.08	9.0	6.5	0.17	296	2.95	<0.01
ZZ77640		0.43	24.2	2.96	2.01	<0.05	0.04	0.72	0.031	0.07	6.5	6.8	0.23	471	2.10	<0.01
ZZ77641		0.55	20.5	3.28	3.03	<0.05	0.02	0.11	0.031	0.06	4.6	10.7	0.21	178	2.35	<0.01
ZZ77642		1.36	29.3	4.04	1.44	<0.05	0.03	0.08	0.041	0.11	5.3	9.4	0.10	324	0.58	<0.01
ZZ77643		0.93	23.6	3.13	0.85	<0.05	0.06	0.24	0.036	0.09	7.1	2.5	0.08	292	3.22	<0.01
ZZ77644		0.43	18.9	2.59	1.71	<0.05	0.04	0.49	0.029	0.08	5.6	5.7	0.28	371	2.00	<0.01
ZZ77645		1.15	17.5	2.69	0.96	<0.05	0.04	1.37	0.031	0.08	8.8	2.7	0.11	386	3.68	<0.01
ZZ77646		0.97	18.8	3.78	4.06	<0.05	0.04	0.20	0.036	0.06	9.9	17.7	0.39	389	1.32	<0.01
ZZ77647		0.33	24.6	3.60	2.99	<0.05	0.04	0.56	0.037	0.08	7.3	10.7	0.41	525	1.55	<0.01
ZZ77648		0.44	28.5	3.30	2.22	<0.05	0.04	1.66	0.034	0.08	5.8	8.4	1.33	459	2.08	0.01
ZZ77649		0.54	22.5	2.09	2.73	0.10	0.08	0.10	0.030	0.10	26.6	5.6	0.18	680	1.81	0.01
ZZ77650		1.43	21.0	2.28	2.74	0.07	0.04	0.07	0.027	0.06	8.3	6.1	0.13	193	3.95	0.01
ZZ77651		1.42	21.4	2.71	4.10	0.07	0.02	0.04	0.030	0.06	10.0	9.9	0.21	362	3.08	<0.01

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ77612		0.16	85.3	2580	10.8	9.5	0.001	0.16	1.13	3.3	5.4	0.4	135.0	<0.01	0.05	0.5
ZZ77613		0.11	48.9	1600	11.3	10.2	0.002	0.12	0.98	3.3	4.3	0.4	60.4	<0.01	0.04	0.8
ZZ77614		0.55	28.3	1710	11.9	6.5	<0.001	0.09	0.81	2.2	2.4	0.4	36.2	<0.01	0.03	0.4
ZZ77615		0.14	53.2	1080	14.8	9.6	<0.001	0.14	0.41	2.6	1.2	0.4	24.5	<0.01	0.04	0.6
ZZ77616		0.08	101.0	1130	18.4	9.8	0.001	0.26	0.51	3.3	1.1	0.4	34.2	<0.01	0.04	1.1
ZZ77617		0.14	219	3520	13.3	6.1	0.002	0.11	0.71	2.3	2.1	0.3	56.4	<0.01	0.05	0.6
ZZ77618		0.32	90.6	1310	42.0	4.1	0.001	0.08	0.92	2.3	2.0	0.4	20.8	<0.01	0.05	0.4
ZZ77619		0.43	135.0	1500	35.5	5.4	0.002	0.05	2.19	5.0	4.2	0.6	22.8	<0.01	0.16	1.9
ZZ77620		0.42	101.5	1810	34.6	6.0	0.001	0.10	1.34	2.6	1.9	0.5	25.1	<0.01	0.07	0.6
ZZ77621		0.65	46.8	1010	45.7	10.4	<0.001	0.08	0.75	2.9	1.1	0.6	15.5	<0.01	0.12	0.8
ZZ77622		0.69	45.1	680	43.1	8.1	<0.001	0.06	0.98	3.5	0.8	0.6	21.5	<0.01	0.08	1.2
ZZ77623		0.20	62.2	630	37.9	7.7	0.003	0.05	1.41	4.3	6.3	0.4	21.5	<0.01	0.26	1.3
ZZ77624		0.17	66.7	1220	41.7	5.5	0.007	0.15	3.72	3.8	8.7	0.5	87.1	<0.01	0.12	1.3
ZZ77625		0.16	61.2	1760	38.8	6.1	0.012	0.11	3.35	2.9	5.7	0.4	90.1	<0.01	0.08	1.4
ZZ77626		0.16	50.0	1250	29.2	5.0	0.010	0.15	2.02	1.9	5.0	0.3	90.0	<0.01	0.05	0.8
ZZ77627		0.13	67.2	1190	20.2	6.4	0.003	0.05	3.36	4.0	3.0	0.4	72.7	<0.01	0.06	2.5
ZZ77628		0.27	83.9	1080	14.6	7.3	0.002	0.06	4.08	4.6	4.5	0.6	77.6	<0.01	0.08	2.1
ZZ77629		0.28	86.5	880	18.3	6.5	0.004	0.07	3.22	3.7	4.3	0.5	65.2	<0.01	0.07	1.2
ZZ77630		0.46	44.9	1020	13.7	9.3	0.002	0.08	1.68	5.9	2.6	0.5	61.6	<0.01	0.03	1.9
ZZ77631		0.22	56.8	950	16.4	7.5	0.006	0.08	3.34	3.6	3.3	0.4	58.0	<0.01	0.06	1.2
ZZ77632		0.24	55.8	1240	19.8	7.4	0.012	0.08	3.44	4.1	4.0	0.4	69.2	<0.01	0.06	1.5
ZZ77633		0.33	35.6	1050	13.9	6.4	0.004	0.09	2.00	4.9	2.7	0.4	59.6	<0.01	0.04	1.8
ZZ77634		0.32	44.4	960	12.6	4.7	0.003	0.11	2.02	4.8	2.9	0.4	63.5	<0.01	0.03	1.1
ZZ77635		0.45	32.7	740	16.2	7.4	0.001	0.05	1.05	4.7	2.1	0.5	37.4	<0.01	0.04	1.9
ZZ77636		0.48	33.1	640	18.8	9.3	0.001	0.03	0.85	4.8	1.5	0.6	34.0	<0.01	0.05	2.4
ZZ77637		0.34	33.8	600	19.6	6.1	0.001	0.03	0.76	5.0	1.2	0.5	31.1	<0.01	0.05	2.5
ZZ77638		0.25	32.0	550	22.3	6.2	0.002	0.07	0.69	4.5	1.6	0.4	62.0	<0.01	0.03	2.0
ZZ77639		0.36	23.7	650	16.8	8.0	0.002	0.06	0.69	3.6	1.4	0.4	40.5	<0.01	0.04	1.6
ZZ77640		0.25	26.0	600	21.0	5.7	0.001	0.04	0.58	3.7	1.0	0.3	33.9	<0.01	0.03	2.1
ZZ77641		0.42	22.6	200	19.1	8.4	<0.001	0.02	0.50	2.8	0.4	0.5	16.5	<0.01	0.03	2.0
ZZ77642		0.06	36.6	170	43.4	8.9	<0.001	0.01	0.16	7.3	0.6	0.5	11.9	<0.01	0.01	7.2
ZZ77643		0.07	34.1	230	25.3	5.9	<0.001	0.03	0.25	4.3	0.8	0.3	350	<0.01	0.01	6.1
ZZ77644		0.22	22.1	540	19.4	5.9	0.001	0.06	0.42	3.0	0.9	0.3	51.6	<0.01	0.03	1.8
ZZ77645		0.11	27.1	210	21.3	5.0	0.005	0.04	0.27	4.8	1.1	0.3	24.2	<0.01	0.02	5.8
ZZ77646		0.61	27.8	220	20.1	12.4	<0.001	0.01	0.44	3.9	0.5	0.5	8.6	<0.01	0.03	3.7
ZZ77647		0.46	29.1	250	23.0	6.2	<0.001	0.02	0.52	4.7	0.9	0.5	14.0	<0.01	0.04	3.3
ZZ77648		0.27	34.0	710	26.1	6.1	0.001	0.04	0.75	4.2	1.1	0.4	32.4	<0.01	0.05	1.8
ZZ77649		0.31	35.3	1690	15.8	6.7	<0.001	0.12	0.81	1.9	2.6	0.4	59.9	0.01	0.17	0.6
ZZ77650		0.32	38.1	820	12.6	9.3	<0.001	0.07	0.94	1.9	3.8	0.4	19.3	<0.01	0.07	0.6
ZZ77651		0.22	40.1	1310	14.5	10.2	<0.001	0.04	0.89	1.3	2.1	0.5	13.4	<0.01	0.05	0.2

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77612		<0.005	0.36	3.03	75	0.07	71.8	400	2.2
ZZ77613		<0.005	0.29	1.98	46	0.06	38.3	166	2.7
ZZ77614		0.015	0.19	2.45	60	0.15	52.2	158	0.7
ZZ77615		<0.005	0.13	1.79	34	<0.05	14.65	207	1.2
ZZ77616		<0.005	0.20	1.54	32	<0.05	22.4	477	0.8
ZZ77617		0.006	0.14	6.15	58	0.07	63.7	1040	1.7
ZZ77618		0.012	0.18	2.33	62	0.28	46.4	451	0.7
ZZ77619		0.014	0.22	3.55	84	0.20	46.8	605	1.3
ZZ77620		0.013	0.18	3.00	75	0.17	43.1	575	0.9
ZZ77621		0.015	0.19	0.58	76	0.15	24.4	259	1.0
ZZ77622		0.014	0.19	0.61	75	0.15	27.5	229	1.2
ZZ77623		<0.005	0.27	2.11	66	0.08	32.0	206	1.7
ZZ77624		<0.005	0.69	3.01	109	0.11	24.3	334	1.6
ZZ77625		<0.005	0.32	3.24	113	0.06	16.65	402	1.6
ZZ77626		<0.005	0.22	3.36	68	0.05	15.75	248	1.6
ZZ77627		<0.005	0.26	2.80	114	0.08	16.50	541	1.0
ZZ77628		0.007	0.33	3.32	176	0.11	23.1	605	1.2
ZZ77629		0.005	0.41	2.65	208	0.20	20.9	614	1.1
ZZ77630		0.006	0.21	2.35	79	0.06	22.2	258	2.2
ZZ77631		<0.005	0.29	2.77	89	<0.05	15.65	388	1.9
ZZ77632		<0.005	0.26	2.74	100	<0.05	16.95	394	1.7
ZZ77633		<0.005	0.17	1.49	106	0.05	13.55	210	2.0
ZZ77634		<0.005	0.11	2.46	113	0.05	18.35	172	1.4
ZZ77635		0.006	0.11	1.65	82	0.09	12.90	124	1.1
ZZ77636		0.007	0.18	1.98	66	0.09	15.20	116	1.3
ZZ77637		0.005	0.12	1.33	45	0.09	10.95	122	1.2
ZZ77638		<0.005	0.13	1.98	38	0.06	13.65	94	1.6
ZZ77639		0.005	0.11	2.32	44	0.12	11.30	80	1.2
ZZ77640		0.005	0.08	0.95	27	0.07	8.41	110	1.2
ZZ77641		0.006	0.11	0.38	38	0.08	2.31	92	1.0
ZZ77642		<0.005	0.18	0.51	10	<0.05	9.75	141	1.4
ZZ77643		<0.005	0.25	0.72	8	<0.05	10.40	133	2.6
ZZ77644		<0.005	0.14	1.33	21	0.05	7.77	104	1.3
ZZ77645		<0.005	0.57	1.28	11	<0.05	11.05	87	2.1
ZZ77646		0.010	0.17	0.65	44	0.12	5.77	102	1.7
ZZ77647		0.006	0.12	1.04	34	0.11	8.70	103	1.4
ZZ77648		<0.005	0.12	1.52	40	0.10	11.85	121	1.2
ZZ77649		0.007	0.19	0.81	37	0.18	57.4	225	1.4
ZZ77650		0.008	0.43	1.41	37	0.12	13.65	150	0.9
ZZ77651		0.007	0.29	1.51	52	0.16	14.30	190	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77652	0.27	0.001	0.32	1.42	150.5	<0.2	<10	250	0.83	0.27	0.86	1.58	29.4	10.0	31
ZZ77653	0.22	0.002	0.55	1.34	149.0	<0.2	<10	290	1.34	0.17	0.93	1.02	45.6	9.8	28
ZZ77654	0.29	0.002	0.32	1.28	119.0	<0.2	<10	250	0.93	0.16	2.91	1.42	27.2	15.0	23
ZZ77655	0.22	0.002	0.22	0.69	110.5	<0.2	<10	110	0.43	0.11	2.54	2.19	13.95	6.4	18
ZZ77656	0.24	0.004	0.29	0.65	176.5	<0.2	<10	130	0.36	0.13	6.63	1.15	16.00	8.9	19
ZZ77657	0.25	0.004	0.31	1.19	44.8	<0.2	<10	310	0.71	0.21	1.08	1.03	16.60	10.5	25
ZZ77658	0.17	0.002	0.20	0.85	10.8	<0.2	<10	720	0.73	0.23	2.38	1.22	9.90	8.8	29
ZZ77659	0.18	0.002	0.24	1.02	10.3	<0.2	<10	420	0.59	0.20	2.78	3.07	15.30	12.6	31
ZZ77660	0.27	0.002	0.19	0.94	9.3	<0.2	10	260	0.57	0.18	3.90	8.76	22.8	11.7	26
ZZ77661	0.24	0.004	0.35	1.06	16.7	<0.2	<10	380	0.53	0.18	2.14	3.15	27.2	7.8	24
ZZ77662	0.29	0.002	0.38	0.74	6	<0.2	<10	330	0.36	0.13	17.85	1.68	17.10	6.8	18
ZZ77663	0.32	0.003	0.16	1.36	9.1	<0.2	10	480	0.61	0.27	5.92	9.30	23.3	21.9	19
ZZ77664	0.21	0.001	0.30	1.60	37.4	<0.2	<10	340	0.76	0.23	3.01	7.72	25.1	11.9	32
ZZ77665	0.26	0.005	1.39	0.69	36.0	<0.2	<10	630	0.61	0.19	1.07	0.81	13.90	7.4	20
ZZ77666	0.22	0.008	1.72	0.52	47.4	<0.2	<10	710	0.55	0.16	1.82	1.45	11.90	5.9	19
ZZ77667	0.17	0.005	1.41	0.44	35.3	<0.2	<10	1070	0.50	0.14	2.01	1.76	9.81	5.1	16
ZZ77668	0.21	0.006	0.91	0.53	25.0	<0.2	<10	1100	0.62	0.15	1.86	2.52	19.40	9.2	14
ZZ77669	0.33	0.010	1.36	0.44	21.0	<0.2	<10	2070	0.69	0.15	0.95	3.67	20.0	9.9	21
ZZ77670	0.25	0.005	0.71	0.37	13.8	<0.2	<10	2370	0.60	0.19	0.39	1.46	9.70	11.2	14
ZZ77671	0.16	0.006	0.80	0.57	19.9	<0.2	<10	1220	0.57	0.15	0.99	3.37	10.45	6.7	16
ZZ77672	0.27	0.005	0.97	0.96	25.0	<0.2	<10	1290	0.83	0.16	1.19	2.84	23.6	9.9	24
ZZ77673	0.22	0.004	0.45	1.63	15.3	<0.2	<10	580	0.77	0.13	1.86	1.91	54.2	20.4	26
ZZ77674	0.18	<0.001	0.11	0.73	4.1	<0.2	<10	160	0.43	0.03	4.33	0.85	34.9	9.2	24
ZZ77675	0.19	0.001	0.16	1.59	13.7	<0.2	<10	300	0.95	0.08	2.58	0.58	104.5	22.4	75
ZZ77676	0.27	<0.001	0.40	1.03	13.7	<0.2	<10	300	0.63	0.12	2.25	1.00	43.1	15.1	25
ZZ77677	0.26	0.002	0.41	1.07	17.1	<0.2	<10	450	0.73	0.17	1.87	0.98	30.1	13.0	20
ZZ77678	0.21	0.005	0.34	0.94	18.2	<0.2	<10	400	0.75	0.18	1.93	1.25	30.2	13.9	18
ZZ77679	0.24	0.001	0.32	0.87	16.4	<0.2	<10	410	0.70	0.19	1.68	1.04	23.4	13.7	16
ZZ77680	0.27	0.002	0.28	1.16	22.7	<0.2	<10	450	1.34	0.30	1.21	0.65	32.1	15.7	19
ZZ77681	0.23	0.003	0.21	0.80	17.4	<0.2	<10	200	0.84	0.26	2.02	0.26	19.15	11.9	13
ZZ77682	0.20	0.001	0.21	0.74	13.5	<0.2	<10	310	0.72	0.21	2.60	0.37	17.00	10.0	12
ZZ77683	0.21	0.002	0.26	0.89	13.0	<0.2	<10	410	0.80	0.20	1.56	0.69	26.0	12.5	14
ZZ77684	0.22	0.002	0.24	0.71	13.0	<0.2	<10	280	0.77	0.23	2.30	0.52	15.00	10.4	12
ZZ77685	0.28	0.001	0.21	0.69	13.5	<0.2	<10	260	0.74	0.24	1.82	0.41	15.80	11.4	12
ZZ77686	0.24	0.001	0.18	0.67	12.0	<0.2	<10	270	0.80	0.25	1.53	0.30	13.15	10.9	11
ZZ77687	0.20	0.001	0.14	0.55	10.5	<0.2	<10	310	0.71	0.23	1.58	0.39	12.30	9.3	9
ZZ77688	0.15	0.001	0.11	0.62	11.7	<0.2	<10	240	0.69	0.21	1.94	0.29	15.10	9.3	11
ZZ77689	0.15	0.001	0.12	0.69	12.3	<0.2	<10	230	0.69	0.21	1.69	0.26	14.50	9.0	12
ZZ77690	0.21	0.001	1.08	0.75	33.2	<0.2	<10	600	0.60	0.22	1.31	1.06	21.6	6.2	24
ZZ77691	0.24	0.004	0.49	0.71	47.3	<0.2	<10	530	0.56	0.19	1.96	1.65	22.9	7.3	26

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77652		1.86	23.9	3.16	4.19	0.06	0.06	0.08	0.044	0.09	21.5	9.3	0.24	708	4.27	0.01
ZZ77653		1.17	21.7	2.56	2.94	0.10	0.10	0.13	0.034	0.06	44.6	8.1	0.21	509	3.08	0.01
ZZ77654		1.00	19.0	2.32	2.94	0.09	0.07	0.12	0.029	0.06	21.5	9.5	0.20	393	2.82	0.01
ZZ77655		0.80	12.3	1.29	2.09	0.08	0.04	0.09	0.018	0.03	26.0	4.4	0.09	453	3.17	0.01
ZZ77656		1.01	19.1	1.73	2.18	0.10	0.06	0.12	0.020	0.06	22.8	6.2	0.19	261	7.33	0.01
ZZ77657		1.06	29.6	3.18	3.73	0.09	0.06	0.16	0.033	0.10	12.1	19.9	0.31	471	1.94	0.01
ZZ77658		0.54	24.8	2.52	2.42	0.08	0.08	0.13	0.038	0.07	13.5	6.1	0.09	358	1.32	0.01
ZZ77659		0.32	23.6	2.83	2.53	0.11	0.09	0.16	0.032	0.10	23.6	6.3	0.15	505	2.16	0.02
ZZ77660		0.34	23.9	2.19	2.39	0.12	0.09	0.14	0.025	0.06	31.3	5.9	0.20	1140	2.06	0.01
ZZ77661		0.46	17.0	2.17	2.71	0.06	0.04	0.08	0.027	0.05	26.4	7.7	0.25	838	1.67	0.01
ZZ77662		0.37	15.3	1.41	1.99	0.06	0.06	0.07	0.018	0.05	18.1	5.2	0.32	499	4.55	0.01
ZZ77663		0.31	26.0	2.39	3.14	0.08	0.07	0.06	0.038	0.09	23.1	5.7	0.22	1130	2.35	0.01
ZZ77664		0.95	18.3	2.81	4.34	0.07	0.05	0.10	0.038	0.05	25.6	8.8	0.30	566	18.00	0.01
ZZ77665		0.52	35.5	2.15	2.19	0.08	0.06	0.23	0.034	0.06	9.0	5.0	0.10	143	5.81	0.01
ZZ77666		0.31	35.7	1.98	1.59	0.08	0.06	0.22	0.030	0.07	8.7	3.6	0.09	159	5.54	0.01
ZZ77667		0.30	38.4	1.70	1.38	0.07	0.06	0.22	0.026	0.06	7.3	3.0	0.08	160	4.91	0.02
ZZ77668		0.67	51.8	2.07	1.80	0.08	0.05	0.21	0.032	0.08	8.7	3.6	0.09	385	3.87	0.02
ZZ77669		0.93	93.6	3.17	2.08	0.12	0.05	0.28	0.037	0.11	8.5	1.3	0.05	199	11.25	<0.01
ZZ77670		1.13	54.6	2.21	1.76	0.08	0.06	0.16	0.036	0.12	4.3	1.1	0.03	175	8.39	<0.01
ZZ77671		0.60	40.3	1.97	2.17	0.06	0.04	0.15	0.026	0.07	5.1	3.9	0.09	240	9.00	0.02
ZZ77672		0.55	50.1	2.47	3.51	0.09	0.06	0.20	0.034	0.06	12.3	8.2	0.21	232	11.00	0.02
ZZ77673		0.70	38.9	3.79	6.05	0.12	0.07	0.14	0.042	0.10	25.8	22.3	0.64	765	3.70	0.01
ZZ77674		0.43	20.1	1.74	2.97	0.07	0.05	0.07	0.022	0.05	16.0	11.4	0.40	1160	0.74	0.01
ZZ77675		0.46	23.0	4.70	7.02	0.15	0.07	0.07	0.053	0.09	52.3	22.4	0.64	1990	2.41	0.01
ZZ77676		0.38	27.1	3.80	3.69	0.11	0.05	0.17	0.036	0.08	22.2	10.7	0.32	674	3.00	0.01
ZZ77677		0.52	30.5	3.65	3.66	0.09	0.05	0.25	0.034	0.07	14.9	11.2	0.27	510	2.95	0.01
ZZ77678		0.58	29.5	3.44	3.29	0.09	0.05	0.49	0.035	0.09	14.0	11.5	0.40	646	2.54	0.01
ZZ77679		0.51	28.9	3.46	2.77	0.09	0.05	0.47	0.034	0.09	13.1	9.9	0.24	483	2.42	0.01
ZZ77680		0.79	38.7	4.06	3.03	0.12	0.09	0.63	0.044	0.09	18.0	13.0	0.42	456	2.89	0.01
ZZ77681		0.43	27.6	3.48	2.16	0.09	0.06	0.27	0.035	0.09	9.2	8.8	0.19	395	1.49	0.01
ZZ77682		0.57	28.1	2.82	2.21	0.07	0.05	0.38	0.029	0.08	7.1	9.5	0.21	342	1.33	0.01
ZZ77683		0.30	20.2	3.13	2.61	0.05	0.05	0.36	0.034	0.08	12.0	9.1	0.19	919	2.14	0.01
ZZ77684		0.55	28.7	2.74	2.14	<0.05	0.07	0.52	0.032	0.09	6.4	8.7	0.23	330	1.57	<0.01
ZZ77685		0.52	27.5	2.87	1.91	<0.05	0.06	0.57	0.036	0.08	6.2	8.4	0.25	380	1.69	<0.01
ZZ77686		0.93	27.8	2.76	1.80	<0.05	0.06	0.35	0.032	0.08	5.6	9.1	0.20	365	1.22	<0.01
ZZ77687		0.67	21.9	2.61	1.52	<0.05	0.05	0.34	0.032	0.08	5.0	7.2	0.21	395	1.13	<0.01
ZZ77688		0.52	19.5	2.60	1.86	<0.05	0.06	0.30	0.030	0.07	5.9	8.0	0.52	344	1.34	<0.01
ZZ77689		0.62	22.8	2.44	2.27	<0.05	0.06	0.57	0.032	0.08	6.1	8.6	0.27	320	1.66	<0.01
ZZ77690		1.32	24.3	2.21	2.09	0.05	0.04	0.12	0.040	0.04	17.0	5.4	0.14	311	1.30	<0.01
ZZ77691		0.51	23.3	2.35	2.06	0.06	0.04	0.14	0.035	0.09	22.3	4.9	0.15	363	2.62	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77652		0.37	58.9	1600	20.0	13.0	<0.001	0.06	1.36	2.7	2.9	0.6	24.4	0.01	0.08	0.8
ZZ77653		0.31	43.7	1230	18.5	7.5	0.001	0.06	1.18	4.5	2.9	0.4	31.3	0.01	0.08	1.4
ZZ77654		0.53	41.6	1220	14.0	7.9	0.001	0.04	0.88	5.0	2.5	0.4	37.7	0.01	0.07	2.1
ZZ77655		0.25	22.2	1150	8.1	5.8	<0.001	0.07	0.86	2.0	2.1	0.2	24.0	0.01	0.03	0.3
ZZ77656		0.42	42.6	1570	9.7	6.3	0.001	0.03	1.47	3.6	2.6	0.3	60.1	0.01	0.05	1.4
ZZ77657		0.35	44.4	910	25.1	9.7	<0.001	0.10	0.74	4.4	1.4	0.4	31.2	<0.01	0.05	1.8
ZZ77658		0.19	65.7	1260	15.3	8.6	0.001	0.14	0.61	3.1	1.9	0.4	25.6	<0.01	0.07	1.0
ZZ77659		0.32	81.7	2540	15.2	8.4	0.001	0.26	0.76	2.1	2.4	0.4	36.6	0.01	0.08	0.7
ZZ77660		0.32	81.6	2560	15.5	5.8	0.001	0.16	0.97	1.9	2.9	0.4	33.1	0.01	0.08	0.5
ZZ77661		0.36	32.4	1360	30.4	5.9	<0.001	0.13	0.95	1.2	2.3	0.4	27.8	0.01	0.05	0.4
ZZ77662		0.30	27.7	1390	10.3	5.7	<0.001	0.09	0.71	1.5	2.6	0.3	94.3	0.01	0.05	0.8
ZZ77663		0.38	84.5	1980	18.8	8.0	<0.001	0.16	0.89	1.8	2.0	0.5	35.9	0.01	0.16	0.4
ZZ77664		0.53	63.0	1360	78.2	8.0	0.001	0.08	1.29	1.6	1.5	0.5	28.5	0.01	0.10	0.5
ZZ77665		0.22	84.0	580	19.5	6.4	0.003	0.04	1.56	4.0	4.6	0.4	22.5	<0.01	0.17	1.7
ZZ77666		0.14	67.0	740	15.8	5.9	0.005	0.07	1.53	3.0	5.1	0.4	32.2	<0.01	0.10	0.9
ZZ77667		0.13	61.5	940	19.3	5.2	0.007	0.11	1.74	2.6	5.1	0.3	33.7	<0.01	0.10	0.9
ZZ77668		0.24	51.9	1420	13.8	7.6	0.005	0.07	2.70	5.0	3.4	0.4	74.6	<0.01	0.05	2.8
ZZ77669		0.12	105.5	2570	12.3	6.9	0.006	0.06	7.10	6.6	6.5	0.5	100.5	0.01	0.09	4.7
ZZ77670		0.10	71.4	1280	12.4	8.2	0.005	0.11	4.82	4.5	4.4	0.5	111.5	<0.01	0.09	3.5
ZZ77671		0.21	54.0	1250	11.5	6.9	0.004	0.05	4.38	3.1	3.5	0.4	71.5	<0.01	0.07	1.8
ZZ77672		0.33	61.3	1360	14.5	6.8	0.006	0.08	4.51	3.6	4.3	0.5	60.2	<0.01	0.08	1.3
ZZ77673		0.43	43.0	960	13.1	10.2	0.001	0.08	1.77	6.7	2.3	0.6	60.0	0.01	0.04	2.0
ZZ77674		0.27	14.8	1020	4.1	5.3	0.001	0.17	0.37	2.7	1.0	0.3	99.9	<0.01	0.02	0.4
ZZ77675		0.67	34.6	1140	11.5	8.1	0.001	0.09	0.68	8.1	1.5	0.6	62.6	0.01	0.03	1.6
ZZ77676		0.47	30.6	1370	11.6	6.4	0.001	0.09	1.08	4.6	2.0	0.4	58.3	<0.01	0.04	1.1
ZZ77677		0.45	33.4	920	15.8	9.3	0.002	0.07	1.18	4.6	2.2	0.5	46.0	<0.01	0.04	1.3
ZZ77678		0.38	33.6	920	16.5	7.0	0.001	0.06	1.08	4.6	1.9	0.5	44.3	<0.01	0.04	1.8
ZZ77679		0.35	31.1	890	16.6	7.2	0.001	0.07	0.92	4.6	1.8	0.4	41.8	<0.01	0.04	1.4
ZZ77680		0.25	44.7	410	26.1	9.0	0.001	0.03	0.98	9.3	1.9	0.5	50.7	0.01	0.06	5.8
ZZ77681		0.24	31.4	370	26.7	6.9	<0.001	0.05	0.64	5.5	1.1	0.4	98.2	<0.01	0.06	2.6
ZZ77682		0.36	27.3	530	16.8	6.9	0.001	0.06	0.55	3.7	1.3	0.4	125.0	<0.01	0.06	1.6
ZZ77683		0.34	22.8	690	18.2	5.4	0.001	0.07	0.79	3.2	1.5	0.5	60.8	<0.01	0.05	1.5
ZZ77684		0.31	29.3	590	20.1	6.7	0.001	0.06	0.59	4.0	1.1	0.4	81.8	0.01	0.04	1.7
ZZ77685		0.53	28.8	480	23.2	6.1	0.001	0.05	0.57	3.8	1.0	0.4	64.1	<0.01	0.04	1.9
ZZ77686		0.25	28.3	420	24.8	7.1	0.001	0.04	0.47	3.8	1.0	0.4	52.9	<0.01	0.04	1.7
ZZ77687		0.20	23.1	460	20.7	6.8	0.002	0.06	0.40	3.4	0.6	0.3	53.8	<0.01	0.05	1.7
ZZ77688		0.25	23.1	380	19.3	5.7	0.001	0.04	0.43	3.4	0.8	0.3	53.0	<0.01	0.03	2.4
ZZ77689		0.36	23.9	560	19.5	6.3	0.004	0.05	0.43	3.4	1.0	0.4	52.6	<0.01	0.03	2.1
ZZ77690		0.22	29.4	820	12.6	7.3	0.002	0.06	1.03	1.7	1.8	0.4	27.4	<0.01	0.10	0.4
ZZ77691		0.28	32.4	1390	13.4	5.0	<0.001	0.11	0.96	2.0	2.7	0.3	29.8	<0.01	0.09	0.5

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77652		0.012	0.34	2.16	59	0.21	36.7	303	0.9
ZZ77653		0.006	0.29	2.76	44	0.19	75.1	165	1.4
ZZ77654		0.011	0.22	2.33	41	0.26	37.5	167	1.6
ZZ77655		0.009	0.10	1.71	32	0.11	40.3	118	0.7
ZZ77656		0.012	0.20	3.05	36	0.15	42.8	178	1.5
ZZ77657		0.007	0.18	1.26	39	0.12	21.6	173	1.4
ZZ77658		<0.005	0.15	1.66	48	0.07	28.8	273	2.1
ZZ77659		0.005	0.17	2.65	56	0.11	49.1	442	2.2
ZZ77660		0.011	0.10	2.37	64	0.15	71.4	472	1.7
ZZ77661		0.012	0.11	1.35	62	0.17	40.8	248	0.6
ZZ77662		0.012	0.12	1.98	54	0.12	33.9	128	1.8
ZZ77663		0.008	0.12	0.44	58	0.11	40.3	636	1.6
ZZ77664		0.016	0.17	1.15	86	0.25	46.4	461	0.7
ZZ77665		<0.005	0.27	2.25	60	0.11	24.2	274	1.5
ZZ77666		<0.005	0.22	2.52	57	0.11	27.4	290	1.6
ZZ77667		<0.005	0.26	4.75	65	0.09	21.8	285	1.8
ZZ77668		<0.005	0.26	2.25	81	0.08	19.50	318	1.4
ZZ77669		<0.005	0.29	5.92	184	0.06	31.7	674	1.6
ZZ77670		<0.005	0.32	2.89	106	0.07	20.5	558	3.6
ZZ77671		<0.005	0.28	3.26	209	0.09	15.00	401	1.3
ZZ77672		<0.005	0.24	4.17	219	0.17	22.3	379	1.7
ZZ77673		0.005	0.21	1.79	131	0.07	19.80	258	1.9
ZZ77674		0.006	0.06	0.43	39	0.06	9.66	69	1.2
ZZ77675		0.005	0.12	0.80	84	0.09	26.8	93	1.3
ZZ77676		0.005	0.12	1.55	80	0.11	18.50	121	1.2
ZZ77677		<0.005	0.12	1.63	78	0.09	14.50	116	1.1
ZZ77678		<0.005	0.14	1.91	61	0.08	13.40	153	1.3
ZZ77679		<0.005	0.13	1.63	52	0.10	17.50	140	1.3
ZZ77680		<0.005	0.21	1.74	44	0.09	33.6	146	2.4
ZZ77681		<0.005	0.12	1.74	27	0.07	18.05	102	1.9
ZZ77682		<0.005	0.13	2.02	27	0.09	10.85	85	1.9
ZZ77683		<0.005	0.09	2.33	48	0.07	13.45	95	1.2
ZZ77684		<0.005	0.14	1.35	28	0.05	11.30	109	2.7
ZZ77685		<0.005	0.14	1.28	25	0.05	11.15	100	2.0
ZZ77686		<0.005	0.14	1.20	19	<0.05	10.55	95	1.7
ZZ77687		<0.005	0.12	0.92	18	<0.05	8.88	99	1.5
ZZ77688		<0.005	0.13	0.74	20	<0.05	8.85	101	2.1
ZZ77689		0.005	0.17	1.64	20	0.05	9.03	96	2.1
ZZ77690		0.007	0.25	1.14	42	0.09	28.2	128	1.1
ZZ77691		0.009	0.26	1.55	39	0.10	40.1	134	1.0

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77692		0.23	0.001	0.14	0.56	249	<0.2	<10	240	0.75	0.21	8.06	1.57	15.80	14.1	17
ZZ77693		0.25	0.001	0.55	0.42	49.3	<0.2	<10	130	0.49	0.25	1.01	0.97	7.54	6.4	11
ZZ77694		0.24	0.001	0.42	0.96	134.5	<0.2	<10	270	0.70	0.21	0.99	1.09	17.45	7.0	25
ZZ77695		0.23	0.002	0.54	1.14	113.5	<0.2	<10	240	0.95	0.22	0.82	1.30	31.7	9.7	23
ZZ77696		0.20	<0.001	0.28	1.15	75.3	<0.2	<10	300	0.74	0.16	1.43	2.63	22.3	8.0	29
ZZ77697		0.19	0.001	0.24	1.16	85.9	<0.2	<10	320	0.86	0.18	1.48	1.61	26.1	9.5	27
ZZ77698		0.21	0.002	0.32	1.20	212	<0.2	<10	280	0.97	0.21	2.55	1.56	23.3	16.5	27
ZZ77699		0.20	0.001	0.08	0.83	33.8	<0.2	<10	310	0.27	0.16	1.89	1.70	10.80	9.9	13
ZZ77700		0.23	0.002	0.48	1.08	109.0	<0.2	<10	300	0.76	0.19	1.36	1.25	23.5	10.9	25
ZZ77701		0.25	0.001	0.20	1.14	42.7	<0.2	<10	520	0.87	0.21	1.38	0.74	11.25	9.2	27
ZZ77702		0.28	0.002	0.18	0.64	13.1	<0.2	<10	340	0.83	0.27	1.58	1.40	10.55	12.5	25
ZZ77703		0.24	0.004	0.15	0.59	13.6	<0.2	<10	1070	0.60	0.21	8.69	11.15	10.35	17.8	14
ZZ77704		0.29	<0.001	0.43	0.92	18.6	<0.2	<10	1330	0.67	0.18	8.19	2.67	19.50	19.4	22
ZZ77705		0.29	0.001	0.96	0.72	14.5	<0.2	<10	450	0.54	0.20	6.08	2.15	20.1	12.0	20
ZZ77706		0.26	0.003	0.46	1.56	124.5	<0.2	<10	680	0.91	0.21	1.19	3.90	32.3	12.0	30
ZZ77707		0.21	0.004	0.26	1.89	44.7	<0.2	<10	1030	0.89	0.24	1.82	8.44	22.7	11.6	35
ZZ77708		0.27	0.002	0.94	0.81	51.0	<0.2	<10	520	0.59	0.18	1.54	1.77	15.65	8.2	21
ZZ77709		0.34	0.003	1.59	0.57	20.7	<0.2	<10	1180	0.61	0.17	1.83	1.11	11.25	6.3	19
ZZ77710		0.16	0.004	2.15	0.52	14.2	<0.2	<10	2040	0.64	0.15	3.24	1.70	11.85	5.5	20
ZZ77711		0.17	0.006	0.99	0.62	21.2	<0.2	<10	1070	0.58	0.13	2.76	1.21	15.80	8.5	19
ZZ77712		0.14	0.006	0.66	0.59	14.7	<0.2	<10	1190	0.66	0.12	2.56	1.29	13.85	6.3	14
ZZ77713		0.23	0.005	0.98	0.50	27.9	<0.2	<10	1160	0.63	0.13	2.26	2.79	14.25	6.8	14
ZZ77714		0.22	0.003	0.46	0.50	23.5	<0.2	<10	940	0.61	0.14	1.29	2.14	13.00	8.5	13
ZZ77715		0.30	0.004	0.88	0.77	20.0	<0.2	<10	930	0.78	0.15	2.24	2.84	21.9	11.2	16
ZZ77716		0.23	0.004	0.64	0.76	17.7	<0.2	<10	820	0.68	0.13	1.79	2.35	19.60	9.9	15
ZZ77717		0.28	0.004	0.59	0.84	18.6	<0.2	<10	610	0.77	0.12	1.42	2.66	29.9	12.3	18
ZZ77718		0.28	0.005	0.65	0.82	16.6	<0.2	<10	590	0.79	0.14	2.19	2.51	24.3	11.3	17
ZZ77719		0.25	0.002	0.62	0.84	20.6	<0.2	<10	570	0.70	0.15	1.86	1.88	23.2	11.6	18
ZZ77720		0.37	0.003	0.31	0.77	15.5	<0.2	<10	430	0.78	0.24	1.41	0.90	12.35	11.1	14
ZZ77721		0.29	0.002	0.44	1.08	23.4	<0.2	<10	570	1.03	0.25	1.45	0.98	21.7	18.9	19
ZZ77722		0.18	0.003	0.26	0.78	13.0	<0.2	10	270	0.73	0.21	2.09	0.64	21.4	12.0	14
ZZ77723		0.23	0.002	0.34	0.75	15.1	<0.2	10	260	0.72	0.23	1.90	0.79	19.85	11.4	13
ZZ77724		0.25	0.002	0.21	0.88	12.7	<0.2	<10	240	0.81	0.25	2.20	0.47	17.50	11.7	15
ZZ77725		0.23	0.002	0.16	0.78	13.5	<0.2	<10	220	0.68	0.26	1.76	0.34	14.75	11.1	13
ZZ77726		0.21	0.002	0.19	0.58	14.1	<0.2	<10	190	0.67	0.26	3.26	0.38	15.95	11.6	11
ZZ77727		0.31	0.003	0.29	0.78	11.0	<0.2	<10	160	0.73	0.31	1.98	0.31	18.05	11.9	12
ZZ77728		0.39	0.003	0.24	0.74	18.6	<0.2	<10	500	0.58	0.19	3.46	1.17	15.80	10.5	15
ZZ77729		0.24	0.002	0.10	0.65	14.6	<0.2	10	200	0.68	0.25	1.33	0.27	12.70	10.2	12
ZZ77730		0.34	0.002	0.12	0.74	10.3	<0.2	10	260	0.76	0.26	1.65	0.26	14.90	10.5	12

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ALS Minerals

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Finalized Date: 20- JUL- 2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ77692		1.43	27.1	1.97	1.97	0.07	0.08	0.25	0.036	0.08	18.7	5.0	0.10	523	2.40	<0.01
ZZ77693		2.21	23.3	1.41	1.47	<0.05	0.06	0.08	0.033	0.10	5.5	1.9	0.04	108	1.06	<0.01
ZZ77694		1.10	26.6	2.23	3.08	0.06	0.06	0.18	0.032	0.09	13.9	5.8	0.18	337	4.27	<0.01
ZZ77695		1.23	27.8	2.87	3.03	0.06	0.04	0.13	0.034	0.07	17.8	6.9	0.18	474	3.67	<0.01
ZZ77696		0.69	18.5	2.17	2.99	0.06	0.05	0.11	0.029	0.06	30.2	6.3	0.20	411	3.23	<0.01
ZZ77697		0.90	22.3	2.53	3.27	0.06	0.04	0.07	0.032	0.06	25.9	7.2	0.20	659	2.39	<0.01
ZZ77698		0.92	25.8	3.47	3.21	0.08	0.08	0.15	0.036	0.10	32.0	10.1	0.25	911	3.56	<0.01
ZZ77699		1.03	9.9	1.48	3.05	<0.05	0.05	0.08	0.020	0.05	5.5	3.9	0.10	790	1.43	<0.01
ZZ77700		1.20	21.4	2.86	3.09	0.07	0.07	0.21	0.034	0.08	19.8	11.0	0.33	407	2.38	0.01
ZZ77701		0.60	27.0	2.88	3.13	<0.05	0.08	0.15	0.036	0.08	8.5	13.4	0.21	461	1.42	<0.01
ZZ77702		0.76	30.7	3.20	2.06	0.10	0.10	0.15	0.046	0.10	6.8	6.2	0.08	266	1.88	<0.01
ZZ77703		0.81	25.7	2.80	1.58	<0.05	0.05	0.14	0.036	0.14	7.1	7.2	0.09	526	3.09	0.01
ZZ77704		0.36	29.3	2.41	2.21	0.07	0.10	0.14	0.032	0.09	21.3	6.3	0.19	746	3.67	<0.01
ZZ77705		0.16	30.2	2.19	1.78	0.07	0.05	0.23	0.033	0.07	23.2	4.0	0.18	548	3.65	<0.01
ZZ77706		0.86	23.3	3.16	4.43	0.06	0.06	0.26	0.034	0.05	20.9	11.3	0.43	443	3.50	<0.01
ZZ77707		1.06	20.0	2.93	5.29	<0.05	0.04	0.10	0.037	0.06	13.9	11.3	0.42	567	1.76	<0.01
ZZ77708		0.52	29.7	2.02	2.35	0.05	0.05	0.17	0.035	0.07	10.7	6.4	0.17	210	3.60	<0.01
ZZ77709		0.49	43.5	1.90	1.66	0.05	0.06	0.28	0.035	0.08	8.9	4.2	0.12	146	3.45	<0.01
ZZ77710		0.30	42.2	1.65	1.84	<0.05	0.06	0.17	0.029	0.07	7.2	3.7	0.09	121	4.60	<0.01
ZZ77711		0.44	36.2	1.99	2.08	0.05	0.06	0.18	0.026	0.04	9.4	4.3	0.11	493	4.47	<0.01
ZZ77712		0.56	45.3	1.71	1.95	0.05	0.08	0.16	0.025	0.05	6.9	3.3	0.09	229	3.82	<0.01
ZZ77713		0.41	53.3	1.86	1.68	<0.05	0.05	0.26	0.027	0.06	7.4	3.4	0.10	231	3.77	<0.01
ZZ77714		0.46	47.1	2.08	1.81	<0.05	0.04	0.13	0.032	0.06	4.8	2.7	0.07	300	5.92	<0.01
ZZ77715		0.50	58.1	2.26	2.66	0.06	0.07	0.18	0.036	0.09	10.2	8.7	0.24	420	4.90	<0.01
ZZ77716		0.62	39.4	2.20	2.54	<0.05	0.06	0.14	0.030	0.11	8.7	7.9	0.23	312	4.93	<0.01
ZZ77717		0.55	42.7	2.79	3.03	0.06	0.06	0.16	0.037	0.11	13.8	10.9	0.35	309	5.08	<0.01
ZZ77718		0.54	39.9	2.49	2.65	0.06	0.07	0.44	0.033	0.09	11.2	9.5	0.31	377	3.63	<0.01
ZZ77719		0.54	37.8	2.67	2.87	0.05	0.06	0.40	0.036	0.11	10.7	10.3	0.29	329	4.99	<0.01
ZZ77720		1.70	36.4	2.69	2.06	<0.05	0.05	0.41	0.033	0.11	5.6	15.0	0.35	352	1.82	<0.01
ZZ77721		0.77	40.9	3.30	3.06	0.05	0.05	0.42	0.038	0.11	10.0	20.0	0.54	369	2.13	<0.01
ZZ77722		0.72	29.8	2.84	2.44	0.06	0.06	0.39	0.034	0.09	9.0	13.8	0.30	490	1.58	<0.01
ZZ77723		0.55	29.9	2.84	2.35	0.05	0.06	0.48	0.033	0.08	9.0	10.8	0.23	356	1.88	<0.01
ZZ77724		1.24	28.2	2.90	2.85	0.05	0.06	0.40	0.038	0.09	7.5	18.3	0.34	378	1.25	<0.01
ZZ77725		0.86	27.4	2.92	2.37	<0.05	0.05	0.34	0.032	0.08	5.9	14.9	0.37	346	1.24	<0.01
ZZ77726		0.63	29.0	3.05	1.83	<0.05	0.08	0.39	0.034	0.08	5.9	11.6	0.32	376	1.28	<0.01
ZZ77727		0.99	32.8	2.99	2.23	0.05	0.06	0.36	2.02	0.09	7.5	11.3	0.20	227	0.95	<0.01
ZZ77728		0.92	32.5	2.60	2.55	<0.05	0.06	0.20	0.032	0.08	6.9	13.9	1.36	328	2.97	0.01
ZZ77729		0.69	24.4	2.92	2.06	<0.05	0.05	0.52	0.039	0.09	5.3	11.1	0.43	325	1.06	<0.01
ZZ77730		0.81	26.6	2.64	2.24	<0.05	0.06	0.47	0.035	0.09	6.3	13.2	0.37	443	0.62	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77692		0.29	47.6	1380	17.0	8.1	0.001	0.05	1.23	3.2	2.2	0.4	39.9	0.01	0.16	0.8
ZZ77693		0.22	25.6	460	13.0	12.8	0.005	0.04	0.83	3.0	1.7	0.4	15.1	<0.01	0.12	0.8
ZZ77694		0.43	56.0	930	14.5	14.4	0.001	0.05	1.04	3.0	3.6	0.5	27.6	<0.01	0.05	0.7
ZZ77695		0.31	52.2	1290	27.8	10.3	<0.001	0.05	1.13	3.9	2.8	0.5	22.6	<0.01	0.07	0.9
ZZ77696		0.38	36.2	1150	15.5	6.4	<0.001	0.07	0.88	2.5	1.9	0.4	35.0	<0.01	0.03	0.6
ZZ77697		0.43	39.0	730	21.6	7.7	<0.001	0.04	0.80	3.8	1.8	0.4	28.0	<0.01	0.04	0.8
ZZ77698		0.39	59.4	900	22.4	8.1	0.001	0.04	1.00	5.7	2.7	0.4	28.8	<0.01	0.07	1.7
ZZ77699		0.58	12.6	890	11.7	8.5	<0.001	0.10	0.48	1.4	0.6	0.4	26.0	<0.01	0.03	0.5
ZZ77700		0.46	41.6	1200	22.9	9.7	<0.001	0.03	0.96	4.8	1.9	0.4	34.7	<0.01	0.05	2.4
ZZ77701		0.27	36.7	1060	26.9	7.6	0.002	0.09	0.55	3.1	2.1	0.5	24.2	<0.01	0.05	1.0
ZZ77702		0.41	52.5	850	17.8	10.3	0.001	0.08	0.56	4.9	1.4	0.5	24.1	0.02	0.07	2.1
ZZ77703		0.10	132.0	1540	18.7	10.0	0.001	0.28	0.55	3.9	1.4	0.4	70.6	<0.01	0.07	2.2
ZZ77704		0.24	145.0	1970	23.6	6.2	0.001	0.09	1.18	2.8	4.4	0.5	61.9	<0.01	0.07	1.0
ZZ77705		0.17	62.3	1270	23.9	4.2	0.003	0.12	1.14	1.6	4.9	0.5	43.5	<0.01	0.08	0.5
ZZ77706		0.62	57.3	630	44.3	7.8	<0.001	0.04	1.09	4.3	1.8	0.6	20.6	<0.01	0.06	1.2
ZZ77707		0.84	68.0	740	27.8	9.2	0.001	0.07	0.79	2.4	1.4	0.7	25.4	<0.01	0.04	0.7
ZZ77708		0.28	73.2	760	21.0	6.9	0.002	0.05	1.04	2.9	3.8	0.4	21.2	<0.01	0.20	1.0
ZZ77709		0.15	75.1	950	14.2	6.3	0.006	0.07	1.28	4.0	3.8	0.4	40.8	<0.01	0.12	1.6
ZZ77710		0.18	46.3	1730	11.0	5.3	0.005	0.16	2.30	2.1	4.6	0.5	83.4	<0.01	0.08	0.9
ZZ77711		0.28	47.5	1500	11.1	4.8	0.008	0.10	1.97	2.6	4.4	0.4	71.7	0.01	0.07	0.8
ZZ77712		0.30	49.2	1380	9.6	6.2	0.006	0.09	2.03	2.8	2.9	0.4	60.0	0.01	0.05	1.2
ZZ77713		0.16	60.6	1540	13.8	5.0	0.011	0.10	2.73	3.0	4.2	0.4	78.2	<0.01	0.06	1.1
ZZ77714		0.17	56.6	1020	12.2	5.6	0.005	0.04	2.87	3.6	2.8	0.4	43.5	<0.01	0.05	2.0
ZZ77715		0.27	63.1	1230	13.0	7.0	0.006	0.09	3.31	3.8	3.6	0.5	65.2	0.01	0.04	1.4
ZZ77716		0.29	47.2	1140	12.7	8.2	0.008	0.07	2.69	3.6	2.9	0.5	58.2	<0.01	0.04	1.7
ZZ77717		0.37	57.3	1400	12.8	7.7	0.007	0.05	2.42	4.2	3.2	0.5	51.7	<0.01	0.05	2.3
ZZ77718		0.24	48.8	1090	14.5	7.4	0.008	0.08	1.91	3.6	2.5	0.5	56.7	<0.01	0.05	1.4
ZZ77719		0.27	46.0	1220	15.4	7.8	0.006	0.06	2.02	4.0	2.5	0.5	53.2	<0.01	0.06	1.8
ZZ77720		0.17	35.3	790	17.6	6.9	0.003	0.05	0.86	4.4	1.4	0.4	32.0	<0.01	0.05	2.0
ZZ77721		0.26	49.5	770	32.0	6.9	0.002	0.06	0.97	5.3	1.8	0.5	34.4	<0.01	0.07	2.3
ZZ77722		0.23	29.7	610	18.6	7.1	0.002	0.07	0.85	4.0	1.2	0.4	58.2	<0.01	0.05	1.5
ZZ77723		0.28	29.7	590	17.9	7.4	0.002	0.07	0.83	4.1	1.5	0.4	68.8	<0.01	0.06	1.8
ZZ77724		0.33	29.1	480	19.7	8.3	0.001	0.06	0.59	4.9	0.9	0.4	84.2	<0.01	0.05	1.8
ZZ77725		0.30	26.3	480	22.6	7.4	0.001	0.05	0.53	4.4	1.0	0.4	85.9	<0.01	0.07	1.8
ZZ77726		0.24	27.7	530	22.0	5.9	0.001	0.06	0.51	4.5	1.0	0.4	117.5	0.01	0.09	2.6
ZZ77727		0.27	30.0	410	23.5	7.4	<0.001	0.05	0.47	4.7	0.9	0.8	87.1	<0.01	0.05	2.9
ZZ77728		0.23	38.8	760	18.7	7.0	0.003	0.08	1.11	3.9	1.4	0.4	81.6	<0.01	0.05	3.1
ZZ77729		0.27	23.8	510	22.6	6.8	0.001	0.05	0.44	4.2	0.5	0.4	42.8	<0.01	0.05	2.4
ZZ77730		0.26	23.5	520	21.2	7.2	0.001	0.07	0.36	4.3	0.6	0.4	58.6	<0.01	0.04	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121809

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77692		<0.005	0.47	1.99	42	0.12	51.9	216	1.9
ZZ77693		<0.005	0.14	1.01	24	0.07	12.75	106	1.5
ZZ77694		0.012	0.26	1.79	43	0.17	30.2	183	1.3
ZZ77695		0.009	0.28	1.64	48	0.13	33.6	219	1.1
ZZ77696		0.011	0.15	1.86	51	0.13	52.1	180	1.1
ZZ77697		0.011	0.16	1.30	52	0.11	40.5	185	1.0
ZZ77698		0.007	0.30	1.16	55	0.11	56.6	245	1.9
ZZ77699		0.014	0.15	0.76	33	0.13	6.07	95	1.5
ZZ77700		0.011	0.24	1.89	49	0.15	32.1	215	2.3
ZZ77701		<0.005	0.14	1.22	37	<0.05	17.95	196	2.4
ZZ77702		<0.005	0.16	0.92	28	<0.05	18.20	211	4.2
ZZ77703		<0.005	0.28	1.97	34	0.05	19.25	558	1.6
ZZ77704		0.007	0.19	2.63	77	0.12	56.4	517	2.5
ZZ77705		0.005	0.11	1.10	66	0.07	46.9	200	1.2
ZZ77706		0.014	0.35	0.98	84	0.22	29.9	437	1.2
ZZ77707		0.019	0.22	2.94	91	0.13	20.8	372	1.1
ZZ77708		0.005	0.23	1.67	62	0.08	24.6	303	1.6
ZZ77709		<0.005	0.25	2.73	52	0.06	29.5	224	2.0
ZZ77710		<0.005	0.29	5.68	89	0.07	16.65	147	2.3
ZZ77711		<0.005	0.17	5.29	109	0.05	18.85	204	1.8
ZZ77712		<0.005	0.18	4.14	83	0.05	18.00	239	2.8
ZZ77713		<0.005	0.25	3.59	88	<0.05	20.8	324	1.8
ZZ77714		<0.005	0.20	2.62	118	<0.05	14.45	357	1.2
ZZ77715		<0.005	0.22	2.94	114	<0.05	18.65	332	2.5
ZZ77716		<0.005	0.21	2.55	108	<0.05	16.25	332	2.1
ZZ77717		<0.005	0.20	2.18	114	<0.05	18.30	310	2.3
ZZ77718		<0.005	0.20	2.64	89	0.06	16.45	249	2.1
ZZ77719		<0.005	0.19	2.84	102	<0.05	14.75	283	2.3
ZZ77720		<0.005	0.11	1.37	43	<0.05	9.48	166	1.6
ZZ77721		<0.005	0.13	1.61	56	<0.05	13.90	170	1.7
ZZ77722		<0.005	0.10	1.63	40	<0.05	12.30	110	1.6
ZZ77723		<0.005	0.12	1.91	42	<0.05	12.25	138	1.7
ZZ77724		<0.005	0.10	1.60	29	0.05	11.95	100	1.9
ZZ77725		<0.005	0.11	1.24	23	0.09	10.85	110	1.4
ZZ77726		<0.005	0.13	1.22	19	0.05	11.70	104	2.0
ZZ77727		<0.005	0.14	1.17	24	0.07	13.60	102	2.3
ZZ77728		<0.005	0.19	1.17	39	<0.05	12.15	205	2.1
ZZ77729		<0.005	0.11	0.95	19	<0.05	8.84	126	1.5
ZZ77730		<0.005	0.10	1.15	16	<0.05	10.45	100	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 20-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13121809

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

CERTIFICATE WH13124407

Project: Nadaleen

P.O. No.: SO13-06

This report is for 194 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77731		0.20	0.001	0.13	0.67	15.8	<0.2	<10	210	0.84	0.27	2.24	0.23	11.80	11.8	11
ZZ77732		0.31	0.001	0.60	0.95	57.3	<0.2	10	660	0.74	0.27	3.72	3.45	23.2	11.8	25
ZZ77733		0.20	0.002	0.41	1.23	62.7	<0.2	<10	1750	0.88	0.22	2.40	5.24	15.80	8.7	23
ZZ77734		0.23	0.002	0.76	1.25	253	<0.2	<10	440	0.98	0.21	1.11	2.79	24.0	9.7	32
ZZ77735		0.31	0.001	0.25	1.34	253	<0.2	<10	280	0.70	0.19	0.20	2.25	27.3	11.2	29
ZZ77736		0.22	0.001	0.47	1.48	230	<0.2	<10	420	0.98	0.22	1.18	3.74	25.0	15.0	34
ZZ77737		0.28	0.001	0.63	0.64	237	<0.2	<10	200	0.59	0.15	0.78	1.22	12.25	8.4	20
ZZ77738		0.28	0.003	0.51	0.79	228	<0.2	10	370	0.76	0.21	2.96	1.32	14.10	10.5	28
ZZ77739		0.21	<0.001	0.11	1.07	244	<0.2	<10	170	0.57	0.16	2.04	3.29	14.10	16.5	23
ZZ77740		0.34	0.003	0.27	0.60	46.6	<0.2	<10	240	0.82	0.28	2.38	0.37	8.80	13.5	16
ZZ77741		0.22	0.002	0.29	0.88	215	<0.2	<10	330	0.67	0.19	2.29	1.40	14.00	8.9	24
ZZ77742		0.15	0.002	0.17	0.82	26.2	<0.2	<10	390	0.79	0.22	1.91	0.90	10.45	9.6	21
ZZ77743		0.12	0.002	0.27	1.25	25.9	<0.2	<10	430	0.98	0.22	1.91	0.85	13.30	13.3	25
ZZ77744		0.15	0.001	0.09	1.03	9.5	<0.2	<10	310	0.79	0.16	2.54	0.38	6.01	8.7	16
ZZ77745		0.25	0.003	0.24	1.46	15.0	<0.2	<10	520	0.97	0.21	2.42	0.75	12.20	10.8	23
ZZ77746		0.23	0.010	0.16	1.46	18.7	<0.2	<10	420	1.06	0.30	0.45	0.45	10.00	15.4	40
ZZ77747		0.17	0.002	0.15	1.47	13.0	<0.2	<10	590	0.87	0.20	2.33	0.43	7.97	11.0	22
ZZ77748		0.14	0.001	0.13	1.38	14.5	<0.2	<10	370	0.91	0.21	2.08	0.48	7.92	11.9	22
ZZ77749		0.19	0.002	0.23	1.15	19.3	<0.2	<10	360	0.81	0.19	2.52	0.81	10.05	10.6	20
ZZ77750		0.21	0.003	0.48	1.24	142.5	<0.2	<10	480	1.01	0.19	1.32	4.00	29.0	13.0	24
ZZ77751		0.31	0.007	0.43	0.53	81.5	<0.2	<10	210	1.06	0.32	0.77	0.46	6.00	8.4	17
ZZ77752		0.21	0.001	0.44	0.44	75.9	<0.2	10	140	0.56	0.16	5.92	1.09	8.24	10.4	16
ZZ77753		0.30	0.002	0.35	0.54	156.0	<0.2	<10	300	0.55	0.14	4.27	0.92	8.40	5.0	20
ZZ77754		0.28	0.009	0.79	0.56	290	<0.2	<10	220	0.59	0.15	3.11	1.51	8.71	8.9	29
ZZ77755		0.20	0.001	0.44	0.91	86.0	<0.2	<10	310	0.49	0.17	1.05	4.33	17.20	7.5	21
ZZ77756		0.27	0.001	0.37	0.93	43.7	<0.2	<10	340	0.48	0.20	2.16	1.26	13.80	7.1	20
ZZ77757		0.20	0.001	0.36	0.61	36.0	<0.2	<10	430	0.38	0.22	1.03	3.24	10.75	5.8	19
ZZ77758		0.25	0.001	0.16	0.99	87.3	<0.2	<10	480	0.47	0.22	1.16	3.24	13.90	7.8	21
ZZ77759		0.29	0.002	0.37	1.14	142.0	<0.2	<10	330	0.73	0.25	4.61	3.61	25.7	10.0	24
ZZ77760		0.30	0.001	0.17	0.83	295	<0.2	<10	310	0.59	0.22	1.38	1.88	15.90	8.7	20
ZZ77761		0.26	0.001	0.22	0.72	153.5	<0.2	<10	290	0.50	0.18	2.82	2.58	22.4	6.8	27
ZZ77762		0.17	0.002	0.54	0.97	172.0	<0.2	<10	370	0.68	0.29	1.47	1.58	24.2	9.5	29
ZZ77763		0.23	0.004	1.13	1.04	77.7	<0.2	<10	1360	0.83	0.21	1.28	1.74	19.30	8.5	23
ZZ77764		0.16	0.003	0.93	0.55	22.4	<0.2	<10	690	0.49	0.15	0.98	0.36	6.09	4.0	14
ZZ77765		0.23	0.003	1.70	0.54	17.7	<0.2	<10	1030	0.55	0.15	1.22	0.41	7.45	3.2	14
ZZ77766		0.31	0.007	1.41	0.82	28.7	<0.2	<10	1860	0.71	0.16	0.38	0.98	16.25	6.5	19
ZZ77767		0.28	0.005	1.83	0.61	42.4	<0.2	<10	1090	0.59	0.17	0.98	1.35	8.91	4.5	22
ZZ77768		0.29	0.007	1.33	0.91	110.0	<0.2	<10	470	0.93	0.18	0.68	5.04	26.1	9.9	19
ZZ77769		0.27	0.011	2.72	0.83	190.5	<0.2	<10	440	0.86	0.14	2.85	10.90	24.4	8.6	22
ZZ77770		0.25	0.004	1.60	0.78	55.8	<0.2	<10	1200	0.74	0.14	1.09	2.91	14.35	5.8	21

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77731		1.00	33.6	3.12	2.03	0.05	0.05	0.63	0.034	0.09	5.2	11.0	0.47	319	0.84	0.01
ZZ77732		0.71	24.5	2.31	2.74	0.08	0.08	0.13	0.043	0.09	29.7	8.8	0.20	646	1.61	<0.01
ZZ77733		0.55	20.7	2.24	3.34	0.05	0.07	0.08	0.033	0.09	21.7	8.5	0.19	559	1.30	<0.01
ZZ77734		0.97	22.0	3.26	3.52	0.07	0.07	0.26	0.035	0.10	22.2	9.2	0.24	306	8.71	<0.01
ZZ77735		1.12	18.7	3.75	4.52	0.07	0.03	0.10	0.035	0.08	14.1	13.1	0.25	538	9.52	<0.01
ZZ77736		1.19	24.8	3.15	4.70	0.09	0.10	0.12	0.036	0.10	25.5	7.8	0.20	670	9.35	<0.01
ZZ77737		0.53	23.8	1.81	1.96	0.09	0.08	0.40	0.022	0.08	16.8	3.7	0.08	275	6.53	<0.01
ZZ77738		1.27	38.9	2.22	2.66	0.08	0.10	0.31	0.036	0.11	18.8	6.4	0.10	441	5.90	<0.01
ZZ77739		0.81	18.5	2.83	2.94	0.08	0.07	0.09	0.029	0.07	32.3	7.5	0.10	609	7.84	<0.01
ZZ77740		2.19	35.9	3.65	2.02	0.06	0.04	0.19	0.045	0.15	5.0	7.8	0.09	233	2.40	0.01
ZZ77741		1.22	22.9	2.06	2.54	0.06	0.08	0.16	0.034	0.08	15.5	7.6	0.17	268	2.52	<0.01
ZZ77742		0.31	21.5	2.87	2.33	0.05	0.05	0.11	0.035	0.09	6.8	9.0	0.15	254	1.71	<0.01
ZZ77743		0.69	23.0	3.09	3.62	0.06	0.06	0.13	0.034	0.08	8.5	17.5	0.26	424	1.87	<0.01
ZZ77744		0.67	22.7	2.40	3.08	<0.05	0.05	0.06	0.027	0.06	2.9	18.7	0.26	341	1.07	<0.01
ZZ77745		0.56	32.9	2.86	4.31	0.05	0.06	0.10	0.033	0.08	7.8	23.8	0.32	407	1.33	<0.01
ZZ77746		1.00	33.9	3.94	4.57	0.06	0.07	0.06	0.047	0.11	4.2	28.8	0.40	238	2.63	0.01
ZZ77747		0.55	23.6	3.00	4.25	0.05	0.06	0.07	0.034	0.08	4.1	25.8	0.39	420	1.27	<0.01
ZZ77748		0.69	24.3	3.07	4.07	0.05	0.06	0.06	0.036	0.08	3.9	26.5	0.37	407	1.30	<0.01
ZZ77749		0.65	23.9	2.46	3.38	0.05	0.06	0.10	0.031	0.08	6.7	18.8	0.28	406	1.27	<0.01
ZZ77750		0.69	25.8	3.66	3.57	0.06	0.06	0.46	0.038	0.08	14.8	17.9	0.28	739	3.72	<0.01
ZZ77751		1.29	36.7	2.67	1.44	0.05	0.04	0.67	0.051	0.11	5.3	2.8	0.03	141	6.15	<0.01
ZZ77752		1.95	23.0	2.19	1.36	0.06	0.07	0.26	0.029	0.09	22.5	3.1	0.06	249	3.31	<0.01
ZZ77753		0.78	24.2	1.48	1.61	0.06	0.07	0.22	0.023	0.07	13.6	3.6	0.07	142	3.13	<0.01
ZZ77754		1.19	23.5	2.01	1.54	0.05	0.06	0.43	0.029	0.09	13.7	4.7	0.07	296	2.60	<0.01
ZZ77755		0.72	15.6	2.09	3.02	<0.05	0.02	0.09	0.022	0.05	13.4	5.4	0.12	805	5.37	<0.01
ZZ77756		0.56	24.3	2.00	3.30	<0.05	0.03	0.08	0.026	0.10	11.2	6.3	0.17	181	5.03	<0.01
ZZ77757		1.59	23.4	1.95	3.11	<0.05	0.02	0.06	0.026	0.09	8.8	3.5	0.08	174	8.64	<0.01
ZZ77758		1.14	15.1	2.36	3.49	<0.05	0.03	0.05	0.028	0.09	8.0	6.7	0.16	571	2.45	<0.01
ZZ77759		0.88	20.9	2.43	3.20	0.10	0.04	0.16	0.029	0.06	37.0	8.9	0.26	569	2.24	<0.01
ZZ77760		0.42	18.8	2.15	2.57	0.05	0.04	0.27	0.030	0.06	16.8	5.1	0.14	491	2.42	<0.01
ZZ77761		0.51	12.8	2.52	1.88	0.07	0.03	0.27	0.028	0.03	26.9	5.2	0.14	624	1.35	<0.01
ZZ77762		0.76	22.3	2.60	2.76	0.09	0.03	0.30	0.036	0.06	25.7	7.7	0.22	422	2.08	<0.01
ZZ77763		1.45	34.2	2.31	3.10	0.05	0.04	0.33	0.031	0.06	15.1	8.4	0.21	300	2.01	<0.01
ZZ77764		0.93	26.3	1.65	1.52	<0.05	0.04	0.17	0.024	0.06	3.4	3.4	0.06	100	1.23	<0.01
ZZ77765		0.91	32.5	1.63	1.44	<0.05	0.07	0.17	0.027	0.05	4.1	2.0	0.04	58	2.08	<0.01
ZZ77766		0.88	27.1	1.98	2.14	0.05	0.04	0.21	0.027	0.05	11.4	6.6	0.14	178	2.56	<0.01
ZZ77767		1.43	43.8	2.12	1.68	<0.05	0.05	0.19	0.026	0.07	5.3	4.4	0.15	80	3.75	<0.01
ZZ77768		2.13	41.0	2.48	3.22	0.05	0.05	0.80	0.035	0.08	13.2	8.6	0.16	347	6.52	<0.01
ZZ77769		1.48	37.8	2.26	2.73	0.06	0.05	3.19	0.032	0.08	15.1	6.6	0.95	406	5.52	<0.01
ZZ77770		1.36	45.0	2.24	2.15	<0.05	0.06	0.29	0.028	0.07	8.2	5.6	0.13	139	3.01	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ77731		0.22	28.2	540	24.7	6.9	<0.001	0.05	0.41	5.1	0.9	0.4	57.5	<0.01	0.06	1.7
ZZ77732		0.32	35.4	1600	35.3	7.4	0.001	0.14	0.94	2.1	2.5	0.4	41.5	0.01	0.30	0.5
ZZ77733		0.37	29.6	1390	42.6	8.7	<0.001	0.11	0.73	2.3	1.4	0.5	26.0	0.01	0.14	0.5
ZZ77734		0.44	71.0	1000	60.9	15.7	0.001	0.04	1.81	4.7	4.1	0.5	32.3	0.01	0.07	1.0
ZZ77735		0.59	66.2	460	68.0	13.0	<0.001	<0.01	1.54	4.4	3.0	0.5	20.4	<0.01	0.05	2.5
ZZ77736		0.52	81.1	760	25.3	10.4	0.001	0.03	2.12	5.6	6.0	0.6	31.8	0.01	0.07	1.4
ZZ77737		0.18	49.2	950	12.4	6.6	0.001	0.04	1.52	3.3	13.5	0.3	47.0	0.01	0.08	0.7
ZZ77738		0.20	67.5	1310	17.7	9.0	0.001	0.05	1.37	3.9	8.3	0.5	38.9	0.01	0.15	0.9
ZZ77739		0.31	61.1	1300	16.1	10.8	0.001	0.05	1.78	3.8	3.8	0.4	29.0	0.01	0.06	0.4
ZZ77740		0.10	41.9	800	19.2	14.0	0.003	0.17	0.48	5.4	2.0	0.5	43.0	<0.01	0.08	2.5
ZZ77741		0.31	42.4	1290	16.2	10.8	0.002	0.07	1.08	3.4	2.9	0.4	36.8	0.01	0.12	0.9
ZZ77742		0.23	28.0	810	17.9	6.0	0.001	0.07	0.49	3.7	1.4	0.4	26.9	<0.01	0.07	1.3
ZZ77743		0.33	36.1	820	16.7	9.8	0.002	0.05	0.53	4.6	1.7	0.5	25.4	<0.01	0.08	1.9
ZZ77744		0.16	27.6	810	10.7	9.5	0.001	0.12	0.41	2.8	1.2	0.4	30.3	<0.01	0.06	0.8
ZZ77745		0.36	37.2	900	14.3	8.3	0.001	0.08	0.49	3.8	1.6	0.5	32.7	<0.01	0.07	1.0
ZZ77746		0.19	49.2	810	19.6	11.1	<0.001	0.13	0.69	5.2	1.1	0.5	34.5	<0.01	0.08	3.4
ZZ77747		0.25	34.9	780	14.1	8.2	0.001	0.08	0.44	4.1	1.2	0.5	27.6	<0.01	0.05	1.4
ZZ77748		0.21	36.0	800	14.5	9.4	0.001	0.08	0.42	4.2	1.1	0.5	30.3	<0.01	0.06	1.4
ZZ77749		0.28	32.5	940	13.4	9.0	0.001	0.09	0.56	3.3	1.6	0.4	34.2	<0.01	0.07	1.0
ZZ77750		0.40	49.2	680	98.3	7.7	0.001	0.03	1.09	5.2	1.7	0.5	24.6	0.01	0.07	1.8
ZZ77751		0.06	34.7	420	17.2	8.8	0.003	0.02	0.62	6.2	3.0	0.6	20.8	<0.01	0.12	2.2
ZZ77752		0.09	42.9	1260	11.4	9.7	0.002	0.04	0.65	3.2	5.4	0.4	44.6	0.01	0.05	0.7
ZZ77753		0.12	44.4	1190	10.5	5.5	0.001	0.08	0.95	2.3	7.3	0.3	40.6	<0.01	0.09	0.5
ZZ77754		0.08	49.6	1140	9.5	8.2	0.001	0.08	0.88	3.0	6.4	0.3	35.3	<0.01	0.05	0.6
ZZ77755		0.47	41.0	590	29.2	6.5	0.001	0.04	0.87	2.6	3.9	0.4	25.1	<0.01	0.04	0.6
ZZ77756		0.54	55.1	810	16.7	6.0	0.001	0.08	0.90	2.4	4.6	0.5	44.6	<0.01	0.06	0.4
ZZ77757		0.49	52.1	620	18.4	16.0	0.001	0.07	0.86	2.0	3.3	0.5	31.4	<0.01	0.07	0.4
ZZ77758		0.55	29.1	990	24.6	16.4	<0.001	0.09	0.76	2.0	1.3	0.5	27.7	<0.01	0.06	0.4
ZZ77759		0.38	38.6	1920	25.7	8.3	<0.001	0.09	1.08	2.1	3.0	0.4	46.8	<0.01	0.19	0.5
ZZ77760		0.25	31.5	980	19.4	5.1	0.001	0.09	0.91	2.1	2.7	0.5	39.0	<0.01	0.11	0.5
ZZ77761		0.22	21.8	1460	12.2	5.3	0.001	0.13	0.82	1.6	2.7	0.3	35.8	<0.01	0.14	0.2
ZZ77762		0.42	38.0	1870	17.5	5.7	0.001	0.08	1.05	3.3	3.0	0.4	36.1	<0.01	0.20	0.8
ZZ77763		0.38	45.6	1080	44.6	7.3	0.001	0.08	0.96	3.0	2.1	0.4	32.0	<0.01	0.10	0.6
ZZ77764		0.12	28.6	600	13.0	6.6	0.001	0.08	0.68	2.6	2.0	0.3	42.9	<0.01	0.08	0.7
ZZ77765		0.12	33.8	1290	8.2	7.8	0.003	0.14	0.79	2.2	3.4	0.3	49.9	<0.01	0.07	0.6
ZZ77766		0.28	41.1	910	14.0	5.8	0.002	0.04	0.80	4.0	2.3	0.3	40.5	<0.01	0.07	1.0
ZZ77767		0.15	64.8	1340	14.2	6.9	0.004	0.13	1.15	3.8	4.4	0.3	101.5	<0.01	0.12	0.9
ZZ77768		0.24	48.9	1220	87.2	9.3	0.004	0.06	3.70	4.0	3.2	0.5	37.8	<0.01	0.08	1.3
ZZ77769		0.23	70.2	1690	242	7.3	0.002	0.08	6.30	4.0	3.8	0.4	47.9	<0.01	0.07	0.9
ZZ77770		0.21	68.8	1540	26.8	6.9	0.002	0.11	1.12	3.0	3.9	0.3	77.9	<0.01	0.09	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ77731		<0.005	0.13	1.14	16	<0.05	11.20	128	1.3
ZZ77732		0.006	0.21	0.83	51	0.15	57.5	280	1.0
ZZ77733		0.007	0.17	1.29	52	0.15	37.1	328	1.0
ZZ77734		0.010	0.59	2.24	102	0.36	40.6	663	1.3
ZZ77735		0.010	0.52	1.40	106	0.19	15.00	577	0.6
ZZ77736		0.009	0.30	2.14	88	0.18	45.7	365	2.0
ZZ77737		<0.005	0.36	2.77	48	0.15	46.1	201	1.5
ZZ77738		<0.005	0.43	2.06	54	0.15	48.6	260	2.3
ZZ77739		0.007	0.21	3.63	63	0.18	48.8	566	1.0
ZZ77740		<0.005	0.22	1.13	28	<0.05	11.55	151	1.2
ZZ77741		0.006	0.39	1.95	44	0.11	36.5	217	1.7
ZZ77742		<0.005	0.11	1.11	32	0.05	13.10	171	1.3
ZZ77743		<0.005	0.15	1.34	44	0.09	16.45	142	1.7
ZZ77744		<0.005	0.12	0.94	22	<0.05	7.36	82	1.4
ZZ77745		<0.005	0.12	1.29	41	0.06	15.60	108	1.6
ZZ77746		<0.005	0.16	0.86	38	<0.05	10.80	161	2.1
ZZ77747		<0.005	0.12	0.75	34	<0.05	10.25	102	1.7
ZZ77748		<0.005	0.13	0.78	31	<0.05	10.35	123	1.7
ZZ77749		<0.005	0.14	1.06	34	0.05	13.45	128	1.6
ZZ77750		0.005	0.36	1.05	68	0.13	19.75	654	1.4
ZZ77751		<0.005	0.23	0.87	34	<0.05	13.60	142	1.6
ZZ77752		<0.005	0.15	2.87	28	0.05	34.6	186	1.5
ZZ77753		<0.005	0.22	2.24	38	0.06	35.4	173	1.9
ZZ77754		<0.005	0.30	2.80	45	<0.05	37.7	184	1.6
ZZ77755		0.012	0.15	1.32	62	0.12	19.35	233	0.6
ZZ77756		0.012	0.13	2.13	47	0.09	17.55	152	0.8
ZZ77757		0.013	0.15	1.57	51	0.11	7.00	228	0.6
ZZ77758		0.016	0.16	0.67	52	0.12	10.45	210	0.8
ZZ77759		0.011	0.21	1.02	51	0.19	61.3	298	0.9
ZZ77760		0.006	0.39	1.23	47	0.16	41.4	203	0.9
ZZ77761		0.008	0.27	0.79	44	0.11	60.7	175	<0.5
ZZ77762		0.014	0.24	2.50	50	0.19	55.1	194	0.8
ZZ77763		0.007	0.31	1.77	56	0.13	29.7	276	1.0
ZZ77764		<0.005	0.13	1.42	36	0.05	11.40	117	1.2
ZZ77765		<0.005	0.14	3.25	33	<0.05	15.45	112	1.9
ZZ77766		0.007	0.14	1.47	44	0.09	26.4	157	1.2
ZZ77767		<0.005	0.20	2.29	47	0.06	23.2	247	1.6
ZZ77768		<0.005	0.60	3.30	144	0.11	20.8	447	1.3
ZZ77769		<0.005	1.33	3.61	188	0.14	24.6	815	1.4
ZZ77770		<0.005	0.32	2.74	70	0.08	21.7	317	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77771		0.30	0.002	0.76	0.42	32.6	<0.2	<10	1550	0.51	0.16	0.36	1.09	9.09	5.4	23
ZZ77772		0.24	0.003	0.35	0.85	39.4	<0.2	<10	1390	0.50	0.14	0.24	1.19	18.45	6.2	29
ZZ77773		0.33	0.007	1.78	0.69	18.6	<0.2	<10	1340	0.60	0.16	0.70	0.31	9.54	4.7	20
ZZ77774		0.29	0.004	1.57	0.55	20.2	<0.2	<10	910	0.65	0.15	0.90	0.33	8.35	5.1	15
ZZ77775		0.15	0.004	0.61	0.79	59.0	<0.2	<10	1680	0.68	0.15	2.43	0.65	10.95	6.1	16
ZZ77776		0.18	0.002	0.35	0.56	22.5	<0.2	<10	340	0.55	0.12	2.39	1.97	24.2	4.0	25
ZZ77777		0.26	0.002	0.82	0.60	21.9	<0.2	<10	860	0.58	0.16	2.31	1.81	21.1	6.0	16
ZZ77778		0.29	0.002	0.84	0.46	79.4	<0.2	<10	180	0.83	0.23	5.92	4.41	29.3	13.9	9
ZZ77779		0.27	0.003	0.53	0.24	34	<0.2	<10	90	0.66	0.13	11.55	3.12	21.6	8.8	8
ZZ77780		0.24	0.024	15.85	0.86	751	<0.2	<10	130	1.17	0.18	4.87	39.5	40.5	9.9	21
ZZ77781		0.28	0.010	2.78	0.55	413	<0.2	<10	190	0.68	0.13	5.84	25.3	22.5	6.6	31
ZZ77782		0.27	0.005	1.37	1.01	298	<0.2	<10	230	0.93	0.18	1.15	5.80	45.5	12.4	27
ZZ77783		0.38	0.010	1.59	0.82	193.0	<0.2	<10	590	0.74	0.16	1.80	5.86	23.2	7.7	24
ZZ77784		0.28	0.006	2.18	1.34	143.5	<0.2	<10	1750	1.20	0.34	1.15	5.67	24.8	14.3	44
ZZ77785		0.32	0.002	0.44	0.68	59.9	<0.2	<10	570	0.50	0.19	0.48	0.67	13.30	6.9	17
ZZ77786		0.40	0.004	0.89	1.45	120.5	<0.2	<10	820	0.84	0.24	0.99	0.71	20.4	9.7	30
ZZ77787		0.24	0.003	0.26	1.13	118.5	<0.2	<10	420	0.63	0.21	2.12	1.83	22.6	8.8	26
ZZ77788		0.26	0.001	0.36	0.97	170.5	<0.2	<10	310	0.73	0.23	2.12	2.16	20.3	9.6	24
ZZ77789		0.19	0.002	0.18	1.52	68.3	<0.2	<10	390	0.73	0.26	1.94	2.15	30.9	9.8	29
ZZ77790		0.27	0.001	0.33	1.14	84.0	<0.2	<10	350	0.69	0.19	1.83	1.88	18.75	8.1	25
ZZ77791		<0.02	0.003	0.08	0.27	7.9	<0.2	<10	160	0.10	0.07	0.36	0.91	4.43	1.2	8
ZZ77792		0.23	0.004	0.61	1.09	49.2	<0.2	<10	510	0.61	0.17	2.56	0.69	17.45	7.1	26
ZZ77793		0.26	0.002	0.93	1.03	56.1	<0.2	<10	450	0.71	0.23	0.95	0.85	16.40	8.4	27
ZZ77794		0.25	0.002	0.89	1.29	61.4	<0.2	<10	600	0.83	0.22	1.20	0.85	20.8	9.5	30
ZZ77795		0.22	0.002	0.41	1.38	36.8	<0.2	<10	590	0.75	0.22	1.36	1.31	25.2	9.2	30
ZZ77796		0.23	0.002	0.34	1.28	35.9	<0.2	<10	420	0.80	0.19	1.36	1.42	25.4	9.0	30
ZZ77797		0.17	0.009	0.79	0.83	27.4	<0.2	10	640	0.49	0.11	3.76	1.16	11.10	6.0	19
ZZ77798		0.21	0.003	0.56	1.13	54.3	<0.2	10	490	0.72	0.17	2.54	0.90	17.85	8.8	27
ZZ77799		0.30	0.004	0.47	1.40	177.0	<0.2	<10	530	1.08	0.18	2.76	2.29	18.20	15.8	30
ZZ77800		0.20	0.002	0.76	0.90	137.5	<0.2	10	510	0.77	0.15	3.84	2.30	11.65	6.8	40
ZZ77801		0.22	0.003	0.54	0.59	157.5	<0.2	10	370	0.54	0.15	3.26	0.94	8.94	5.6	22
ZZ77802		0.17	0.002	0.27	1.43	88.2	<0.2	<10	240	0.63	0.21	0.94	1.63	23.6	10.3	29
ZZ77803		0.14	0.002	0.31	0.98	50.1	<0.2	<10	430	0.79	0.18	2.10	2.02	13.20	9.5	24
ZZ77804		0.35	0.002	0.24	1.03	20.8	<0.2	<10	330	0.82	0.21	4.79	0.75	18.05	13.3	19
ZZ77805		0.15	0.004	0.17	1.36	12.3	<0.2	<10	470	0.78	0.17	1.52	0.47	9.64	10.3	23
ZZ77806		0.23	0.002	0.16	1.57	13.4	<0.2	<10	360	0.98	0.21	0.81	0.34	9.03	16.7	27
ZZ77807		0.15	0.002	0.19	1.41	13.9	<0.2	<10	680	0.77	0.18	1.74	0.27	8.63	10.2	28
ZZ77808		0.16	0.002	0.19	1.41	15.7	<0.2	<10	370	0.82	0.17	1.54	0.51	9.27	12.0	24
ZZ77809		0.19	0.003	0.38	1.51	31.8	<0.2	<10	730	0.78	0.21	1.62	0.95	19.65	10.2	27
ZZ77810		0.28	0.002	0.44	1.76	100.5	<0.2	<10	300	1.31	0.17	1.02	2.16	48.2	11.3	29

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77771		0.52	29.2	2.48	1.56	<0.05	0.03	0.10	0.029	0.07	4.6	3.5	0.05	89	7.11	<0.01
ZZ77772		0.62	14.6	2.32	2.23	<0.05	<0.02	0.09	0.025	0.04	7.7	3.4	0.05	389	2.97	<0.01
ZZ77773		0.73	42.4	1.97	1.66	<0.05	0.04	0.20	0.029	0.07	6.0	3.7	0.09	102	2.21	0.01
ZZ77774		1.30	32.4	2.02	1.38	<0.05	0.05	0.17	0.029	0.06	5.8	2.9	0.05	191	1.99	0.01
ZZ77775		1.19	19.5	1.83	2.13	<0.05	0.05	0.18	0.023	0.06	9.5	5.0	0.11	288	1.46	<0.01
ZZ77776		0.49	13.6	1.52	1.24	0.06	0.02	0.13	0.021	0.02	29.7	2.3	0.04	395	0.76	<0.01
ZZ77777		0.39	18.8	1.75	1.77	0.05	0.04	0.13	0.026	0.07	18.4	4.4	0.10	404	2.30	<0.01
ZZ77778		0.37	23.0	2.78	1.45	0.05	0.05	0.09	0.032	0.14	15.6	2.7	1.42	277	6.75	<0.01
ZZ77779		1.02	23.4	1.96	0.95	<0.05	0.04	0.13	0.023	0.10	13.0	1.9	5.59	158	10.55	0.01
ZZ77780		0.50	31.2	2.87	2.54	0.07	0.05	8.40	0.030	0.08	27.9	5.3	0.79	477	9.66	<0.01
ZZ77781		1.01	50.1	1.76	2.18	0.06	0.04	2.19	0.032	0.09	18.3	3.8	0.52	281	14.15	<0.01
ZZ77782		0.83	27.1	3.44	2.87	0.06	0.04	0.57	0.035	0.09	18.3	9.1	0.21	568	8.48	<0.01
ZZ77783		2.58	43.6	2.42	2.68	0.06	0.04	0.60	0.029	0.10	14.0	7.0	0.36	236	11.55	<0.01
ZZ77784		1.99	71.5	4.88	4.23	0.08	0.07	0.45	0.056	0.15	13.8	11.8	0.26	441	11.00	<0.01
ZZ77785		1.21	24.2	2.26	2.50	<0.05	0.03	0.08	0.027	0.06	6.8	7.2	0.13	233	3.30	0.01
ZZ77786		2.41	27.4	2.80	4.20	0.05	0.07	0.31	0.036	0.08	14.4	10.7	0.27	289	1.72	0.01
ZZ77787		1.22	16.0	2.41	3.63	0.05	0.03	0.34	0.029	0.05	18.0	11.1	0.25	547	2.34	0.01
ZZ77788		0.69	21.0	2.69	2.64	0.08	0.03	0.32	0.032	0.06	26.4	7.1	0.17	542	3.34	<0.01
ZZ77789		1.04	14.2	2.87	4.59	0.12	0.03	0.13	0.032	0.06	28.0	11.6	0.31	674	1.61	0.01
ZZ77790		0.89	17.0	2.65	2.77	0.11	0.03	0.13	0.026	0.07	21.4	7.7	0.24	528	1.68	0.01
ZZ77791		0.97	5.0	0.54	1.66	0.07	<0.02	0.04	0.007	0.03	2.6	1.8	0.03	25	0.54	<0.01
ZZ77792		1.45	18.0	2.23	3.00	0.10	0.03	0.19	0.027	0.07	17.2	7.7	0.21	350	1.59	0.01
ZZ77793		1.43	28.0	2.67	2.48	0.09	0.04	0.12	0.036	0.07	14.0	6.4	0.14	284	4.92	0.01
ZZ77794		2.18	23.0	2.66	3.74	0.11	0.05	0.17	0.033	0.10	18.6	10.9	0.25	379	3.10	0.01
ZZ77795		1.62	21.1	2.81	4.19	0.10	0.03	0.11	0.029	0.07	21.0	11.2	0.30	424	3.05	0.01
ZZ77796		1.24	23.1	2.67	3.60	0.12	0.03	0.10	0.028	0.08	29.4	9.9	0.27	372	3.89	0.01
ZZ77797		1.10	21.6	1.46	2.39	0.09	0.03	0.19	0.020	0.05	10.8	6.4	0.19	390	1.88	0.01
ZZ77798		0.78	30.1	2.29	3.30	0.11	0.04	0.25	0.024	0.08	17.6	10.8	0.28	351	3.64	0.01
ZZ77799		0.39	28.8	2.90	3.78	0.14	0.06	0.33	0.029	0.14	28.8	10.1	0.22	443	2.98	0.01
ZZ77800		1.18	19.9	1.84	2.44	0.12	0.05	0.28	0.023	0.07	19.1	7.4	0.10	369	1.26	0.01
ZZ77801		0.80	22.6	1.41	1.65	0.11	0.04	0.36	0.024	0.08	12.8	3.1	0.07	274	2.19	0.01
ZZ77802		1.16	14.2	2.89	4.28	0.09	0.03	0.09	0.027	0.09	14.9	17.3	0.35	383	2.34	0.01
ZZ77803		0.54	30.4	2.63	2.78	0.09	0.05	0.26	0.031	0.09	9.8	11.9	0.25	313	1.43	0.01
ZZ77804		1.05	30.4	3.08	3.20	0.09	0.06	0.40	0.026	0.13	8.9	14.9	0.97	457	1.67	0.01
ZZ77805		0.52	19.8	2.73	3.87	0.08	0.05	0.07	0.027	0.08	5.3	23.6	0.35	295	1.28	0.01
ZZ77806		0.84	29.0	3.48	4.90	0.07	0.05	0.06	0.035	0.09	3.7	34.4	0.42	300	1.24	0.01
ZZ77807		0.51	19.2	3.03	3.77	0.08	0.04	0.07	0.028	0.08	4.5	22.0	0.34	312	1.43	0.01
ZZ77808		0.45	20.5	3.23	3.68	0.08	0.04	0.06	0.026	0.08	5.2	23.0	0.36	605	1.79	0.01
ZZ77809		0.82	24.1	2.95	4.27	0.09	0.05	0.14	0.027	0.09	12.5	16.6	0.36	388	2.11	0.01
ZZ77810		0.94	23.0	3.28	3.59	0.14	0.06	0.26	0.033	0.08	35.4	22.0	0.36	436	4.03	0.01

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ77771		0.12	71.3	1350	10.5	6.4	0.002	0.08	1.63	3.1	5.1	0.3	90.9	<0.01	0.10	0.7
ZZ77772		0.32	25.6	1250	25.6	5.0	0.002	0.09	1.06	1.2	2.5	0.3	26.7	<0.01	0.09	0.3
ZZ77773		0.14	46.1	1130	8.8	5.9	0.002	0.09	0.85	2.7	3.1	0.3	51.5	<0.01	0.09	0.6
ZZ77774		0.13	37.8	1100	11.5	6.8	0.001	0.11	0.91	3.4	2.9	0.3	52.5	<0.01	0.11	0.7
ZZ77775		0.22	27.0	1260	25.6	6.0	0.001	0.17	0.80	1.4	1.6	0.3	41.7	<0.01	0.09	0.3
ZZ77776		0.14	14.7	1860	6.8	3.7	<0.001	0.14	0.36	1.2	2.2	0.2	37.8	<0.01	0.08	<0.2
ZZ77777		0.22	24.3	1380	11.9	4.5	<0.001	0.16	0.66	1.5	1.7	0.3	37.2	<0.01	0.07	0.3
ZZ77778		0.12	77.3	680	18.2	4.8	<0.001	0.04	3.05	3.5	2.5	0.3	155.5	<0.01	0.04	2.2
ZZ77779		0.06	48.9	570	11.0	5.0	0.001	0.02	6.21	4.0	1.6	0.2	89.0	<0.01	0.05	2.7
ZZ77780		0.26	88.8	1530	3400	6.9	0.001	0.11	12.25	4.1	2.6	0.4	67.0	<0.01	0.04	0.9
ZZ77781		0.13	103.0	1210	249	5.8	0.002	0.08	5.69	2.8	4.0	0.4	95.8	<0.01	0.10	0.6
ZZ77782		0.32	84.2	1540	111.0	7.9	0.001	0.05	3.72	4.5	3.2	0.4	44.1	<0.01	0.07	2.0
ZZ77783		0.28	81.1	1260	78.5	7.5	0.003	0.08	4.90	4.0	4.1	0.4	49.4	<0.01	0.11	1.3
ZZ77784		0.46	115.0	2430	35.5	11.9	0.006	0.13	3.01	6.1	9.5	0.7	123.0	<0.01	0.17	2.2
ZZ77785		0.34	38.7	980	16.7	7.8	0.001	0.08	1.05	2.4	1.8	0.4	37.3	<0.01	0.09	1.0
ZZ77786		0.50	43.2	1250	27.0	14.5	0.001	0.07	0.75	3.5	2.9	0.5	30.0	<0.01	0.11	0.9
ZZ77787		0.72	26.1	1090	12.3	7.3	0.002	0.09	1.00	2.3	3.3	0.4	34.8	<0.01	0.09	0.5
ZZ77788		0.29	36.6	1400	17.6	5.9	0.001	0.09	1.39	2.4	5.1	0.4	37.6	<0.01	0.18	0.5
ZZ77789		0.78	23.6	930	17.7	9.6	0.001	0.08	0.85	2.5	2.0	0.5	27.9	<0.01	0.10	0.6
ZZ77790		0.35	27.9	990	14.8	6.5	0.001	0.10	0.85	2.2	2.9	0.4	24.3	<0.01	0.10	0.5
ZZ77791		0.15	5.4	270	3.4	3.3	<0.001	0.04	0.21	1.1	0.3	0.2	8.9	<0.01	0.03	0.6
ZZ77792		0.45	26.8	950	12.1	8.2	0.001	0.09	0.65	2.5	1.9	0.4	35.2	<0.01	0.06	0.6
ZZ77793		0.22	56.4	720	16.9	9.3	0.002	0.06	1.03	3.8	3.8	0.5	21.0	<0.01	0.15	0.8
ZZ77794		0.52	41.7	730	15.9	14.2	0.001	0.05	0.83	4.8	2.7	0.5	26.9	<0.01	0.07	1.2
ZZ77795		0.62	36.2	730	15.5	9.7	0.001	0.06	0.81	3.6	2.2	0.5	33.6	<0.01	0.05	0.8
ZZ77796		0.51	41.8	860	15.6	9.6	0.002	0.06	0.78	4.2	3.7	0.5	35.6	<0.01	0.05	0.7
ZZ77797		0.31	29.2	1090	8.5	7.6	0.003	0.13	0.65	1.3	3.1	0.3	68.2	<0.01	0.03	0.2
ZZ77798		0.42	53.3	900	15.0	7.9	0.001	0.08	0.87	3.0	3.5	0.4	49.8	<0.01	0.04	0.5
ZZ77799		0.39	87.6	900	15.7	6.2	0.001	0.08	1.35	4.4	7.5	0.5	47.4	<0.01	0.05	0.8
ZZ77800		0.18	32.9	2050	9.1	11.5	0.001	0.11	0.71	2.6	6.6	0.3	48.2	<0.01	0.05	0.4
ZZ77801		0.15	36.5	860	9.6	7.2	0.002	0.09	0.88	2.5	4.6	0.3	47.2	<0.01	0.09	0.4
ZZ77802		0.78	33.3	690	30.4	11.0	0.001	0.03	0.61	3.9	1.6	0.5	21.5	<0.01	0.05	1.8
ZZ77803		0.31	33.3	850	23.1	9.4	0.004	0.11	0.59	3.7	2.3	0.4	31.2	<0.01	0.05	1.2
ZZ77804		0.38	30.5	750	20.5	8.9	0.001	0.03	0.57	5.0	1.2	0.4	71.7	<0.01	0.04	3.0
ZZ77805		0.22	32.3	780	14.3	8.7	0.001	0.10	0.41	3.7	1.0	0.4	28.1	<0.01	0.04	1.5
ZZ77806		0.19	53.7	560	16.2	10.8	<0.001	0.06	0.39	5.0	1.1	0.5	23.7	<0.01	0.05	2.5
ZZ77807		0.23	29.5	640	13.8	7.2	<0.001	0.10	0.44	3.5	1.0	0.4	27.0	<0.01	0.05	1.3
ZZ77808		0.20	31.7	810	13.8	7.7	<0.001	0.08	0.43	3.7	0.9	0.4	23.5	<0.01	0.04	1.6
ZZ77809		0.57	34.0	980	17.3	9.0	0.001	0.07	0.71	3.9	1.5	0.5	27.8	<0.01	0.06	1.4
ZZ77810		0.43	49.4	850	34.3	10.2	0.003	0.05	1.06	6.6	2.5	0.4	26.7	<0.01	0.05	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77771		<0.005	0.16	2.29	58	0.14	16.05	253	0.8
ZZ77772		0.011	0.16	1.44	63	0.08	10.65	131	<0.5
ZZ77773		<0.005	0.11	3.12	41	0.05	20.7	150	1.1
ZZ77774		<0.005	0.14	1.98	37	<0.05	19.85	146	1.4
ZZ77775		<0.005	0.20	1.46	39	0.06	18.70	124	1.2
ZZ77776		0.006	0.09	1.65	34	0.06	54.3	148	0.5
ZZ77777		0.006	0.13	1.64	29	0.08	27.9	116	0.8
ZZ77778		<0.005	0.81	1.09	60	0.15	16.15	622	1.1
ZZ77779		<0.005	0.45	2.92	72	<0.05	17.85	274	1.7
ZZ77780		0.006	0.81	4.17	162	0.36	40.1	4490	1.4
ZZ77781		0.005	1.25	4.08	336	0.32	30.1	2250	1.0
ZZ77782		0.007	0.61	3.10	233	0.15	20.8	910	1.4
ZZ77783		0.007	0.64	2.26	192	0.18	22.4	653	1.1
ZZ77784		0.008	0.37	3.74	141	0.20	31.6	707	1.8
ZZ77785		0.008	0.25	1.13	52	0.09	9.62	187	0.9
ZZ77786		0.008	0.46	2.28	65	0.13	27.6	244	1.5
ZZ77787		0.019	0.21	1.61	50	0.19	36.3	134	0.7
ZZ77788		0.007	0.19	1.39	49	0.15	49.6	214	0.7
ZZ77789		0.021	0.15	0.82	56	0.24	39.6	125	0.6
ZZ77790		0.008	0.12	0.63	46	0.16	34.3	164	0.8
ZZ77791		0.008	0.11	0.32	23	0.06	2.04	44	<0.5
ZZ77792		0.009	0.21	1.80	47	0.11	28.6	118	1.0
ZZ77793		<0.005	0.16	1.37	47	0.08	23.9	215	1.0
ZZ77794		0.009	0.23	1.34	52	0.17	27.4	154	1.2
ZZ77795		0.014	0.16	1.60	57	0.14	26.3	143	0.8
ZZ77796		0.011	0.19	1.38	54	0.16	37.8	158	0.8
ZZ77797		0.006	0.12	2.36	35	0.06	18.35	84	1.1
ZZ77798		0.008	0.17	1.65	48	0.12	32.2	136	1.1
ZZ77799		0.005	0.22	2.64	62	0.10	64.0	271	1.6
ZZ77800		<0.005	0.12	4.45	56	0.05	33.7	152	1.3
ZZ77801		<0.005	0.27	2.34	42	0.12	34.5	137	1.3
ZZ77802		0.019	0.19	0.75	63	0.16	16.75	252	0.8
ZZ77803		<0.005	0.21	0.83	39	0.05	18.35	201	1.5
ZZ77804		0.007	0.15	0.76	38	0.05	11.70	161	2.0
ZZ77805		<0.005	0.10	0.89	36	0.08	11.50	123	1.4
ZZ77806		<0.005	0.11	0.77	38	<0.05	11.85	142	1.6
ZZ77807		<0.005	0.10	0.87	43	0.05	10.20	114	1.2
ZZ77808		<0.005	0.09	0.91	40	<0.05	11.10	128	1.4
ZZ77809		0.009	0.16	0.83	57	0.14	16.95	148	1.3
ZZ77810		<0.005	0.26	1.27	68	0.11	42.2	273	1.9

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VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ77811		0.20	0.002	0.24	1.09	79.4	<0.2	<10	280	0.42	0.20	1.16	2.78	22.4	9.4	22
ZZ77812		0.21	0.001	0.29	0.85	160.0	<0.2	<10	320	0.42	0.15	2.07	0.67	9.07	4.6	26
ZZ77813		0.23	0.001	0.44	0.55	181.5	<0.2	<10	320	0.52	0.16	2.06	1.58	10.05	7.0	24
ZZ77814		0.33	0.003	0.50	0.77	111.5	<0.2	<10	400	0.60	0.12	5.26	1.28	11.85	6.4	23
ZZ77815		0.27	0.002	0.95	1.33	84.5	<0.2	<10	380	0.92	0.12	3.29	2.41	31.7	8.5	32
ZZ77816		0.28	0.005	0.54	1.08	76.7	<0.2	<10	600	0.66	0.16	2.27	2.61	14.75	7.6	25
ZZ77817		0.28	0.004	1.06	0.72	30.1	<0.2	10	570	0.60	0.16	1.93	0.83	10.40	6.0	25
ZZ77818		0.28	0.003	0.40	1.18	37.1	<0.2	<10	420	0.59	0.18	0.76	0.78	22.3	8.4	28
ZZ77819		0.23	0.002	0.59	1.05	50.1	<0.2	<10	360	0.61	0.18	1.35	1.24	19.40	7.1	27
ZZ77820		0.25	<0.001	0.26	1.65	24.6	<0.2	<10	420	0.81	0.22	1.20	0.91	26.1	8.7	36
ZZ77821		0.27	0.004	0.62	1.04	69.6	<0.2	<10	640	0.82	0.18	1.66	1.65	20.0	9.9	22
ZZ77822		0.19	0.007	0.73	0.36	215	<0.2	<10	550	0.65	0.15	2.42	23.3	10.10	7.5	8
ZZ77823		0.21	0.005	1.18	0.53	311	<0.2	10	460	1.29	0.17	3.53	9.54	21.4	7.3	18
ZZ77824		0.24	0.001	1.51	0.54	66.9	<0.2	<10	310	0.89	0.19	2.12	4.55	32.4	11.5	13
ZZ77825		0.29	0.002	0.60	0.85	127.0	<0.2	<10	230	0.93	0.21	1.97	5.81	31.2	10.3	19
ZZ77826		0.26	0.002	0.83	0.82	186.0	<0.2	<10	280	0.91	0.18	4.36	8.35	30.1	11.2	20
ZZ77827		0.23	0.003	1.35	0.85	215	<0.2	<10	310	1.04	0.19	1.35	8.55	30.3	10.9	27
ZZ77828		0.19	0.002	0.96	1.00	132.5	<0.2	<10	320	0.94	0.17	1.62	5.70	25.1	10.5	20
ZZ77829		0.21	0.003	0.76	0.95	173.0	<0.2	<10	330	1.00	0.19	2.08	2.19	29.2	11.7	17
ZZ77830		0.25	0.002	0.47	1.09	53.8	<0.2	<10	370	1.07	0.21	0.47	3.14	33.8	12.7	22
ZZ77831		0.33	0.002	0.60	0.66	33.0	<0.2	<10	160	1.01	0.17	0.55	2.80	28.0	7.5	26
ZZ77832		0.34	0.001	0.33	0.27	13	<0.2	<10	110	0.69	0.15	10.70	1.68	25.1	10.6	4
ZZ77833		0.27	<0.001	0.06	1.11	19.6	<0.2	<10	360	0.95	0.11	0.39	0.27	31.2	14.2	23
ZZ77834		0.35	<0.001	0.07	1.50	16.9	<0.2	<10	310	0.88	0.09	0.30	0.33	38.0	29.3	45
ZZ77835		0.34	<0.001	0.06	1.58	12.5	<0.2	<10	270	1.23	0.12	0.67	0.63	72.9	13.6	31
ZZ77836		0.31	<0.001	1.09	0.91	14.0	<0.2	<10	220	0.92	0.19	1.81	2.69	34.1	10.9	15
ZZ77837		0.36	0.003	1.26	0.74	26.3	<0.2	<10	150	0.87	0.23	0.81	5.89	54.7	10.7	13
ZZ77838		0.37	0.003	0.97	0.44	22.0	<0.2	<10	140	1.03	0.14	9.10	5.41	31.7	10.6	14
ZZ77839		0.27	0.003	0.36	0.46	26.5	<0.2	<10	340	0.93	0.18	5.75	3.22	29.3	12.1	12
ZZ77840		0.37	0.003	0.41	1.15	68.4	<0.2	<10	300	1.05	0.23	0.73	1.98	33.4	12.4	23
ZZ77841		0.27	0.001	0.89	1.06	113.5	<0.2	<10	270	1.28	0.21	1.17	2.33	44.1	12.9	21
ZZ77842		0.22	0.003	1.32	0.78	128.5	<0.2	<10	290	1.06	0.19	0.98	5.44	31.2	9.9	22
ZZ77843		0.27	0.004	1.34	0.89	335	<0.2	<10	340	1.15	0.19	1.74	13.50	26.1	10.9	28
ZZ77844		0.21	0.003	0.32	0.69	124.5	<0.2	<10	340	0.62	0.11	3.69	5.38	17.50	7.1	13
ZZ77845		0.28	0.003	0.99	0.89	195.0	<0.2	<10	210	0.92	0.18	3.07	4.92	35.2	12.3	28
ZZ77846		0.33	0.007	0.84	0.43	119	<0.2	<10	230	0.84	0.14	10.35	3.73	25.3	10.5	13
ZZ77847		0.29	0.003	1.26	0.49	156.0	<0.2	<10	250	0.76	0.13	6.42	6.38	22.3	8.6	18
ZZ77848		0.29	0.008	1.47	0.62	150.5	<0.2	<10	620	0.80	0.15	4.42	7.84	22.3	6.8	29
ZZ77849		0.34	0.006	0.66	1.17	87.9	<0.2	<10	440	0.88	0.21	1.26	1.87	22.2	11.8	25
ZZ77850		0.28	0.004	0.44	1.32	47.0	<0.2	<10	650	0.75	0.19	1.89	1.75	23.7	11.8	27

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 22- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77811	0.98	12.7	2.59	4.08	0.09	0.02	0.10	0.025	0.06	12.5	10.4	0.24	504	2.37	0.01
ZZ77812	0.81	17.7	1.63	2.60	0.11	0.04	0.18	0.026	0.05	13.0	4.9	0.06	186	3.18	0.01
ZZ77813	0.80	26.0	1.69	1.77	0.11	0.06	0.30	0.026	0.09	14.7	3.7	0.06	280	2.91	<0.01
ZZ77814	1.06	17.9	1.50	2.13	0.11	0.06	0.24	0.020	0.10	21.0	5.7	0.11	278	2.98	0.01
ZZ77815	0.74	20.8	2.28	2.33	0.16	0.05	0.21	0.024	0.06	47.7	8.3	0.21	410	4.05	0.01
ZZ77816	0.82	23.6	2.01	3.38	0.10	0.03	0.13	0.026	0.10	13.6	7.7	0.18	320	3.96	0.01
ZZ77817	1.51	38.2	1.90	2.14	0.10	0.05	0.22	0.030	0.10	11.4	4.9	0.11	125	8.09	0.01
ZZ77818	1.13	17.9	2.68	3.18	0.09	0.02	0.07	0.025	0.07	15.6	9.0	0.24	447	4.30	0.01
ZZ77819	1.07	20.4	2.51	2.86	0.11	0.03	0.13	0.026	0.07	20.1	7.7	0.23	315	3.76	0.01
ZZ77820	1.13	12.6	3.18	4.37	0.10	0.02	0.05	0.025	0.07	23.2	10.2	0.38	596	1.58	0.01
ZZ77821	0.78	30.3	2.71	3.11	0.10	0.04	0.20	0.028	0.08	13.9	11.7	0.33	406	4.22	0.01
ZZ77822	3.56	73.1	1.84	1.18	0.09	0.03	0.20	0.029	0.09	5.5	1.5	0.07	275	8.53	0.01
ZZ77823	2.49	127.0	2.79	1.96	0.12	0.04	0.26	0.037	0.11	14.2	2.8	0.55	155	20.0	0.01
ZZ77824	1.11	30.0	2.67	1.73	0.11	0.05	0.14	0.033	0.11	20.2	3.4	0.29	313	10.75	<0.01
ZZ77825	1.24	26.1	2.56	2.65	0.06	0.05	0.18	0.033	0.10	18.2	5.5	0.29	262	7.16	<0.01
ZZ77826	1.98	48.4	2.56	2.43	0.06	0.05	0.27	0.033	0.10	18.3	6.4	0.95	355	7.92	<0.01
ZZ77827	1.11	55.7	2.83	2.78	0.06	0.06	0.32	0.032	0.12	19.8	6.4	0.22	286	10.40	<0.01
ZZ77828	1.09	27.4	2.59	2.73	0.05	0.07	0.16	0.028	0.10	14.9	6.8	0.20	384	4.38	<0.01
ZZ77829	1.00	24.7	2.97	2.34	0.06	0.04	0.14	0.030	0.10	18.1	5.8	0.22	460	4.37	<0.01
ZZ77830	1.05	34.7	3.23	3.11	0.06	0.05	0.11	0.032	0.12	17.3	8.4	0.21	502	15.25	<0.01
ZZ77831	1.04	67.1	2.56	1.93	0.06	0.02	0.07	0.029	0.12	16.1	6.1	0.12	258	10.05	<0.01
ZZ77832	0.52	21.9	2.51	0.70	0.05	0.04	0.14	0.019	0.09	14.4	2.1	5.20	255	28.3	0.01
ZZ77833	0.39	16.5	4.93	3.04	0.05	0.06	0.03	0.052	0.11	11.4	5.5	0.13	396	2.08	<0.01
ZZ77834	0.50	20.8	6.38	3.25	0.06	0.05	0.04	0.051	0.16	13.7	10.0	0.17	637	2.05	0.02
ZZ77835	0.57	11.2	4.62	4.39	0.08	0.05	0.02	0.049	0.12	23.6	20.1	0.32	1050	1.15	<0.01
ZZ77836	0.25	24.2	2.96	2.34	0.06	0.07	0.11	0.032	0.11	21.3	7.8	0.26	284	4.86	<0.01
ZZ77837	0.95	30.7	2.76	2.35	0.07	0.06	0.11	0.035	0.13	20.6	4.7	0.18	246	24.0	<0.01
ZZ77838	0.51	50.7	2.49	1.34	0.07	0.04	0.17	0.033	0.15	22.5	3.1	4.18	236	19.75	0.01
ZZ77839	1.26	35.0	2.74	1.50	0.07	0.05	0.24	0.030	0.14	16.3	3.7	2.82	265	54.4	0.01
ZZ77840	1.00	25.3	3.42	3.28	0.06	0.06	0.10	0.035	0.10	16.0	9.2	0.39	549	12.00	<0.01
ZZ77841	1.07	31.7	3.14	2.95	0.07	0.06	0.11	0.035	0.10	24.5	6.7	0.17	437	7.37	<0.01
ZZ77842	0.99	43.7	2.59	2.57	0.06	0.07	0.21	0.031	0.12	19.7	6.0	0.17	305	9.16	<0.01
ZZ77843	1.56	69.7	2.68	2.94	0.06	0.07	0.48	0.032	0.10	16.7	6.7	0.20	269	12.65	<0.01
ZZ77844	0.43	19.3	1.93	1.76	<0.05	0.04	0.13	0.023	0.07	9.1	4.2	0.25	320	2.85	<0.01
ZZ77845	1.16	26.7	2.78	2.52	0.06	0.04	0.26	0.028	0.11	27.4	7.4	0.58	391	5.07	<0.01
ZZ77846	1.38	28.4	2.30	1.37	0.05	0.05	0.35	0.029	0.12	16.6	3.4	4.07	215	12.00	0.01
ZZ77847	1.35	39.8	1.90	1.60	0.06	0.04	0.38	0.025	0.11	16.1	3.9	2.11	198	14.80	<0.01
ZZ77848	2.07	62.7	1.84	2.16	0.05	0.04	0.70	0.028	0.11	18.2	5.0	0.91	277	12.35	<0.01
ZZ77849	1.39	44.2	3.20	3.31	0.06	0.05	0.24	0.034	0.11	13.9	13.1	0.42	280	6.24	0.01
ZZ77850	0.92	25.3	2.88	3.58	0.05	0.03	0.23	0.032	0.08	16.8	12.8	0.33	632	1.77	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77811		0.81	23.6	750	37.2	8.5	0.001	0.05	0.73	2.5	1.3	0.5	23.8	<0.01	0.06	1.0
ZZ77812		0.22	31.9	1040	11.1	4.1	0.001	0.09	0.86	2.8	5.9	0.4	34.7	<0.01	0.08	0.5
ZZ77813		0.14	46.7	1010	12.2	7.3	0.002	0.07	0.95	3.6	6.1	0.4	37.1	<0.01	0.09	0.8
ZZ77814		0.18	38.3	1790	11.5	9.1	0.001	0.07	0.72	2.4	3.3	0.3	49.2	<0.01	0.03	0.5
ZZ77815		0.31	40.8	1380	17.4	6.7	0.005	0.07	0.92	6.3	4.9	0.3	51.4	<0.01	0.04	1.1
ZZ77816		0.44	44.2	910	14.4	10.0	0.001	0.08	0.81	2.8	3.0	0.5	46.2	<0.01	0.04	0.4
ZZ77817		0.18	78.2	690	11.5	11.0	0.003	0.07	0.93	2.9	6.3	0.5	40.4	<0.01	0.05	0.6
ZZ77818		0.49	35.7	900	13.3	10.7	0.002	0.04	0.70	3.3	2.5	0.4	24.1	<0.01	0.04	0.7
ZZ77819		0.38	37.7	1000	13.9	8.3	0.001	0.06	0.86	2.6	3.1	0.4	29.1	<0.01	0.07	0.5
ZZ77820		0.72	23.2	870	13.8	11.3	<0.001	0.06	0.60	2.3	1.3	0.4	22.2	<0.01	0.04	0.6
ZZ77821		0.39	47.1	970	22.0	7.1	0.002	0.05	1.69	3.6	2.2	0.4	44.9	<0.01	0.07	1.3
ZZ77822		0.14	316	950	11.3	15.7	0.010	0.13	3.67	1.8	5.1	0.3	79.0	<0.01	0.08	0.4
ZZ77823		0.13	179.5	1070	17.3	7.9	0.005	0.08	7.44	4.7	4.8	0.5	101.5	<0.01	0.09	1.3
ZZ77824		0.16	70.0	540	17.3	8.8	0.001	0.07	5.26	3.7	2.8	0.3	90.4	<0.01	0.06	1.6
ZZ77825		0.36	110.0	720	20.7	10.2	0.001	0.08	2.96	3.2	2.0	0.4	88.8	<0.01	0.06	1.2
ZZ77826		0.29	174.0	1100	17.4	13.0	0.002	0.08	3.67	2.5	2.7	0.4	85.4	<0.01	0.06	0.7
ZZ77827		0.25	121.5	1200	18.3	12.0	0.002	0.09	5.19	2.8	3.2	0.4	41.6	<0.01	0.08	1.0
ZZ77828		0.32	55.2	1130	16.1	12.7	0.001	0.11	2.50	2.5	2.4	0.4	45.3	<0.01	0.05	0.8
ZZ77829		0.26	68.0	900	16.9	8.5	<0.001	0.08	2.93	2.8	2.1	0.3	55.4	<0.01	0.03	0.8
ZZ77830		0.31	62.7	840	18.6	11.2	<0.001	0.05	5.09	3.2	2.0	0.4	17.8	<0.01	0.07	1.2
ZZ77831		0.16	75.8	1150	14.8	9.0	0.002	0.03	4.91	3.0	3.4	0.3	16.7	<0.01	0.11	1.6
ZZ77832		<0.05	57.5	450	10.0	5.2	0.001	0.02	7.21	4.0	1.6	<0.2	74.8	<0.01	0.02	2.7
ZZ77833		0.33	41.7	1450	12.2	9.7	<0.001	0.05	0.35	3.9	0.7	0.6	19.8	<0.01	0.04	1.5
ZZ77834		0.25	99.9	1260	10.1	8.2	<0.001	0.28	0.42	6.5	0.6	0.4	77.3	<0.01	0.04	1.6
ZZ77835		0.38	28.3	1600	10.0	7.7	<0.001	0.10	0.36	4.1	0.8	0.6	33.5	<0.01	0.03	1.8
ZZ77836		0.20	48.6	1020	15.4	6.1	<0.001	0.07	2.94	2.9	1.7	0.3	53.1	<0.01	0.04	1.1
ZZ77837		0.15	65.6	800	22.5	10.6	0.003	0.05	15.80	2.9	4.2	0.4	17.8	<0.01	0.09	1.1
ZZ77838		0.07	86.1	1140	13.8	7.6	0.001	0.03	6.95	5.3	3.5	0.2	76.9	<0.01	0.09	3.2
ZZ77839		0.12	123.5	660	12.3	7.7	0.002	0.04	8.40	4.5	2.6	0.3	48.4	<0.01	0.04	2.6
ZZ77840		0.35	63.4	670	19.1	9.6	0.001	0.03	3.47	3.7	1.8	0.4	27.0	<0.01	0.05	1.7
ZZ77841		0.31	64.6	1010	17.4	10.7	0.001	0.06	3.06	3.1	2.3	0.4	35.3	<0.01	0.04	1.2
ZZ77842		0.24	80.5	1200	17.3	12.0	0.002	0.07	4.65	3.0	2.8	0.4	33.8	<0.01	0.08	1.0
ZZ77843		0.27	232	1180	19.0	15.2	0.003	0.11	5.46	2.2	3.9	0.5	50.8	<0.01	0.09	0.8
ZZ77844		0.23	64.8	1220	11.2	6.1	0.001	0.17	1.20	1.2	2.3	0.2	79.8	<0.01	0.03	0.4
ZZ77845		0.38	73.9	1210	26.3	8.5	0.001	0.07	3.06	3.0	2.1	0.4	58.6	<0.01	0.06	0.9
ZZ77846		0.11	70.1	730	18.6	6.6	0.001	0.03	4.48	4.0	1.8	0.3	126.5	<0.01	0.05	1.8
ZZ77847		0.17	93.7	970	37.3	7.6	0.002	0.08	6.25	2.2	3.0	0.3	86.0	<0.01	0.06	0.6
ZZ77848		0.20	130.0	1240	20.1	7.8	0.004	0.08	5.62	3.0	4.1	0.5	83.7	<0.01	0.10	0.8
ZZ77849		0.43	64.0	1130	27.7	8.6	<0.001	0.05	2.41	4.9	2.3	0.5	40.4	<0.01	0.07	2.2
ZZ77850		0.53	34.1	990	16.7	8.8	<0.001	0.06	0.92	3.5	1.9	0.4	33.0	<0.01	0.07	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77811	0.025	0.15	0.91	60	0.19	12.50	238	0.5
ZZ77812	<0.005	0.24	2.80	55	0.08	26.3	160	1.0
ZZ77813	<0.005	0.26	2.07	44	0.10	36.2	213	1.7
ZZ77814	<0.005	0.16	2.66	40	0.05	38.2	147	1.4
ZZ77815	0.007	0.16	3.29	48	0.09	72.0	157	1.2
ZZ77816	0.008	0.17	2.03	53	0.10	24.4	213	1.0
ZZ77817	<0.005	0.17	1.99	35	0.05	25.0	239	1.5
ZZ77818	0.015	0.12	1.61	52	0.10	21.2	165	0.6
ZZ77819	0.012	0.13	1.10	47	0.09	30.0	171	0.7
ZZ77820	0.027	0.11	0.71	61	0.16	33.6	138	0.5
ZZ77821	0.008	0.22	1.46	74	0.11	20.6	244	1.2
ZZ77822	<0.005	0.92	6.18	86	0.10	15.90	1910	1.2
ZZ77823	<0.005	1.69	7.04	270	0.14	30.9	1770	1.2
ZZ77824	<0.005	0.63	2.48	114	0.08	21.1	528	1.7
ZZ77825	0.008	0.64	2.83	152	0.15	20.2	812	1.3
ZZ77826	0.006	0.81	3.47	193	0.15	23.4	1470	1.3
ZZ77827	0.006	0.80	3.25	358	0.13	32.0	1120	1.8
ZZ77828	0.006	0.37	5.00	179	0.17	18.65	543	1.6
ZZ77829	0.006	0.41	2.07	99	0.12	22.2	331	1.1
ZZ77830	0.007	0.35	3.21	223	0.21	20.7	520	1.2
ZZ77831	0.006	0.13	4.14	305	0.12	23.3	445	0.8
ZZ77832	<0.005	0.48	4.25	39	<0.05	15.60	153	1.7
ZZ77833	<0.005	0.17	0.56	28	<0.05	6.42	99	1.0
ZZ77834	<0.005	0.33	0.75	36	<0.05	9.46	93	1.1
ZZ77835	0.006	0.09	0.49	36	0.06	11.65	128	1.4
ZZ77836	0.005	0.41	1.43	65	0.06	18.25	288	1.6
ZZ77837	<0.005	0.74	3.32	123	<0.05	16.05	767	1.4
ZZ77838	<0.005	0.25	3.74	152	0.06	31.6	503	1.7
ZZ77839	<0.005	0.66	4.33	260	0.10	24.2	564	1.6
ZZ77840	0.009	0.40	1.81	137	0.15	15.70	450	1.3
ZZ77841	0.007	0.34	3.74	154	0.16	26.0	466	1.4
ZZ77842	0.006	0.41	3.14	293	0.12	28.4	677	1.8
ZZ77843	0.005	1.95	4.07	405	0.21	34.2	1710	2.0
ZZ77844	<0.005	0.16	5.58	71	0.06	9.53	411	1.2
ZZ77845	0.011	0.35	2.15	159	0.19	29.7	522	1.0
ZZ77846	<0.005	0.72	2.66	139	0.16	22.2	462	1.3
ZZ77847	<0.005	0.80	4.27	203	0.19	23.2	670	1.3
ZZ77848	<0.005	0.92	3.41	259	0.21	32.4	763	1.3
ZZ77849	0.013	0.38	1.40	97	0.12	20.2	371	1.7
ZZ77850	0.013	0.17	1.12	59	0.12	23.3	179	1.0

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VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ77851		0.22	0.005	0.42	1.31	42.1	<0.2	<10	730	0.80	0.19	2.62	1.17	18.55	11.1	24
ZZ77852		0.21	0.004	0.39	1.08	38.3	<0.2	<10	410	0.74	0.19	3.13	1.34	17.35	10.6	22
ZZ77853		0.39	0.004	0.47	1.50	141.5	<0.2	<10	370	1.21	0.21	1.53	2.94	27.6	13.3	30
ZZ77854		0.19	0.002	0.29	1.45	34.1	<0.2	<10	510	0.71	0.20	2.36	1.26	17.15	11.2	25
ZZ77855		0.22	0.005	0.42	1.19	22.3	<0.2	<10	430	0.61	0.18	2.47	1.25	15.85	9.7	21
ZZ77856		0.36	0.004	0.85	1.25	40.2	<0.2	<10	470	0.74	0.20	2.09	1.13	15.35	10.2	27
ZZ77857		0.17	0.002	0.43	1.09	31.2	<0.2	<10	340	0.54	0.16	2.89	1.26	13.55	8.1	20
ZZ77858		0.27	0.002	0.25	1.22	45.3	<0.2	<10	310	0.67	0.20	0.97	1.13	15.35	11.5	26
ZZ77859		0.39	0.003	0.31	1.39	58.0	<0.2	<10	350	0.85	0.21	0.90	1.82	18.40	12.5	27
ZZ77860		0.41	0.002	0.20	1.73	35.0	<0.2	<10	320	0.91	0.23	0.71	0.86	28.5	12.4	29
ZZ77861		0.33	0.003	0.49	1.44	59.7	<0.2	<10	370	1.04	0.26	1.65	1.49	23.8	14.0	27
ZZ77862		0.20	0.003	0.45	1.04	60.2	<0.2	<10	500	0.77	0.21	2.11	1.64	19.65	11.7	22
ZZ77863		0.24	0.003	0.68	1.00	42.2	<0.2	<10	230	0.53	0.31	0.17	0.45	12.40	7.0	25
ZZ77864		0.23	0.001	0.11	1.20	34.7	<0.2	<10	330	1.00	0.16	0.18	0.33	24.5	13.7	27
ZZ77865		0.29	0.005	0.14	0.96	18.4	<0.2	<10	330	0.96	0.11	0.09	0.35	26.5	16.7	23
ZZ77866		0.22	0.003	0.63	0.85	5.6	<0.2	<10	220	1.04	0.19	2.22	0.37	33.0	9.6	14
ZZ77867		0.21	0.002	0.71	0.87	14.4	<0.2	<10	230	1.14	0.21	1.94	2.58	33.5	12.4	15
ZZ77868		0.24	0.002	0.72	0.37	48.1	<0.2	<10	150	0.81	0.15	5.89	4.95	27.2	10.1	9
ZZ77869		0.28	0.003	0.94	0.61	23.4	<0.2	<10	270	0.90	0.15	2.71	3.44	22.1	9.3	14
ZZ77870		0.17	0.006	1.23	0.70	106.0	<0.2	10	430	0.85	0.17	3.00	6.35	17.80	9.3	25
ZZ77871		0.15	0.004	1.49	0.87	188.0	<0.2	<10	370	1.09	0.18	2.70	7.39	29.5	11.4	41
ZZ77872		0.14	0.004	0.61	0.62	84.1	<0.2	<10	350	0.45	0.14	2.73	1.06	9.71	6.2	15
ZZ77873		0.33	0.005	0.67	1.15	77.4	<0.2	<10	300	1.16	0.23	2.81	2.50	21.1	13.3	28
ZZ77874		0.30	0.005	1.08	1.09	96.4	<0.2	<10	300	1.12	0.22	4.40	3.77	30.9	12.5	38
ZZ77875		0.31	0.004	0.77	1.20	75.8	<0.2	<10	390	1.16	0.24	2.09	4.02	28.7	12.7	33
ZZ77876		0.29	0.006	0.74	0.52	105.0	<0.2	<10	550	0.68	0.19	1.37	3.04	12.10	7.8	12
ZZ77877		0.17	0.008	0.95	0.42	47.4	<0.2	<10	1040	0.94	0.17	1.99	2.12	11.35	6.9	10
ZZ77878		0.23	0.004	1.04	0.59	105.0	<0.2	<10	340	0.88	0.18	2.04	5.06	16.45	7.5	16
ZZ77879		0.21	0.005	0.74	0.58	97.9	<0.2	<10	440	0.69	0.15	1.91	3.70	11.95	7.6	14
ZZ77880		0.16	0.005	1.05	0.71	81.3	<0.2	<10	790	0.71	0.15	1.42	6.80	13.40	5.8	19
ZZ77881		0.29	0.003	0.47	0.89	61.0	<0.2	<10	420	0.88	0.19	1.88	1.49	15.65	10.8	19
ZZ77882		0.18	0.001	0.53	1.42	25.8	<0.2	<10	520	0.88	0.22	1.35	0.35	15.90	8.7	23
ZZ77883		0.18	0.003	0.34	1.13	13.0	<0.2	<10	510	0.91	0.20	2.24	0.42	9.95	9.9	20
ZZ77884		0.31	0.003	0.40	1.13	16.1	<0.2	<10	450	0.99	0.22	2.48	0.78	12.90	14.4	21
ZZ77885		0.30	0.002	0.38	1.17	14.6	<0.2	<10	510	0.96	0.23	1.27	0.52	9.84	12.2	22
ZZ77886		0.25	0.005	0.46	0.58	45.3	<0.2	<10	420	0.75	0.17	1.03	1.69	13.60	6.7	11
ZZ77887		0.21	0.007	0.64	0.46	59.4	<0.2	<10	340	0.81	0.21	1.08	2.30	13.40	9.9	9
ZZ77888		0.20	0.008	0.69	0.51	53.3	<0.2	<10	490	0.73	0.19	1.38	5.48	13.60	10.9	10
ZZ77889		0.23	0.005	0.44	0.43	82.0	<0.2	<10	460	0.81	0.19	0.82	4.63	10.30	6.6	10
ZZ77890		0.19	0.014	1.51	0.56	151.5	<0.2	<10	530	0.58	0.21	1.48	5.61	10.25	5.3	17

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77851		1.05	27.7	2.55	3.52	0.05	0.04	0.20	0.031	0.07	16.0	10.4	0.28	586	1.89	<0.01
ZZ77852		0.72	25.5	2.42	2.88	0.05	0.05	0.22	0.026	0.08	16.6	9.7	0.28	565	1.78	<0.01
ZZ77853		1.12	26.6	3.29	3.55	0.07	0.07	2.68	0.036	0.08	27.6	11.8	0.31	484	4.31	<0.01
ZZ77854		1.16	21.3	2.54	4.00	<0.05	0.04	0.18	0.028	0.07	12.1	10.9	0.30	688	1.51	<0.01
ZZ77855		0.81	22.2	2.26	3.38	<0.05	0.04	0.18	0.025	0.07	12.4	9.5	0.26	545	0.86	<0.01
ZZ77856		1.84	29.5	2.58	3.38	0.05	0.05	0.19	0.033	0.10	13.0	11.5	0.24	248	4.29	<0.01
ZZ77857		1.20	20.9	1.99	2.93	<0.05	0.04	0.20	0.024	0.07	11.8	8.3	0.23	361	2.04	<0.01
ZZ77858		1.13	21.9	2.80	3.09	<0.05	0.04	0.13	0.029	0.09	9.2	11.3	0.27	410	3.21	<0.01
ZZ77859		1.06	23.8	2.98	3.61	0.05	0.05	0.14	0.030	0.10	14.7	13.2	0.30	436	3.27	<0.01
ZZ77860		1.88	20.1	3.31	4.54	0.05	0.03	0.07	0.033	0.06	17.5	15.6	0.36	537	2.30	<0.01
ZZ77861		0.79	24.5	3.27	3.71	0.07	0.05	0.15	0.031	0.09	21.0	14.6	0.33	579	2.83	0.01
ZZ77862		0.64	23.9	2.61	3.00	0.05	0.04	0.17	0.024	0.07	15.0	10.9	0.28	533	2.41	0.01
ZZ77863		1.00	43.5	3.06	5.31	<0.05	<0.02	0.04	0.023	0.11	6.6	3.4	0.08	289	17.05	<0.01
ZZ77864		0.47	23.4	4.65	3.17	<0.05	0.04	0.02	0.038	0.13	8.6	8.2	0.13	502	2.83	0.01
ZZ77865		0.21	21.7	5.66	2.05	0.05	0.04	0.06	0.043	0.17	11.5	5.2	0.08	232	4.08	0.03
ZZ77866		0.17	31.9	2.72	2.13	0.06	0.07	0.07	0.028	0.10	19.8	6.6	0.83	250	1.62	<0.01
ZZ77867		0.22	27.2	2.97	2.42	0.06	0.05	0.09	0.029	0.10	19.7	7.9	0.23	324	3.21	<0.01
ZZ77868		0.48	36.6	2.66	1.30	0.06	0.05	0.10	0.027	0.10	16.6	3.0	2.98	183	14.15	<0.01
ZZ77869		0.42	40.2	2.18	1.83	0.05	0.07	0.17	0.027	0.10	13.4	4.8	0.42	270	9.97	<0.01
ZZ77870		0.74	62.9	2.04	2.54	0.06	0.06	0.28	0.022	0.10	11.1	6.5	0.20	297	10.65	<0.01
ZZ77871		0.86	59.2	2.27	2.93	0.08	0.05	0.30	0.025	0.07	22.6	7.6	0.18	338	6.37	<0.01
ZZ77872		0.82	21.0	1.54	1.93	<0.05	0.04	0.23	0.017	0.07	5.9	4.8	0.13	232	11.60	<0.01
ZZ77873		0.77	52.5	3.36	3.32	0.05	0.06	0.27	0.028	0.11	12.8	11.9	0.52	371	9.61	0.01
ZZ77874		0.67	48.2	2.82	3.23	0.07	0.06	0.19	0.027	0.09	26.0	11.7	1.24	392	8.24	0.01
ZZ77875		0.96	48.3	2.81	3.82	0.06	0.06	0.20	0.029	0.08	23.0	12.0	0.30	317	12.70	<0.01
ZZ77876		1.06	37.7	2.10	1.93	<0.05	0.03	0.17	0.027	0.08	5.9	3.8	0.12	140	11.50	<0.01
ZZ77877		1.19	69.4	1.59	1.31	0.05	0.05	0.24	0.022	0.07	5.1	1.8	0.10	185	3.81	<0.01
ZZ77878		1.34	49.9	2.04	1.98	0.05	0.05	0.21	0.026	0.09	10.7	5.1	0.31	175	7.15	<0.01
ZZ77879		0.95	40.3	1.77	1.83	<0.05	0.05	0.19	0.021	0.08	7.4	4.1	0.16	390	5.38	<0.01
ZZ77880		1.10	38.5	2.10	2.12	0.05	0.04	0.26	0.026	0.07	7.6	5.8	0.17	128	4.55	<0.01
ZZ77881		0.64	33.1	2.71	2.68	0.05	0.05	0.18	0.025	0.08	11.4	10.2	0.30	370	4.26	<0.01
ZZ77882		1.10	19.3	2.63	4.19	<0.05	0.05	0.15	0.029	0.07	14.0	13.0	0.21	316	2.30	<0.01
ZZ77883		0.57	24.7	2.91	3.13	<0.05	0.06	0.10	0.027	0.09	6.9	14.5	0.34	291	1.42	0.01
ZZ77884		0.89	37.0	3.40	3.20	0.05	0.06	0.14	0.030	0.11	7.8	15.3	0.99	509	1.83	0.01
ZZ77885		0.67	29.3	3.34	3.21	<0.05	0.06	0.10	0.034	0.09	5.4	17.0	0.37	260	1.54	0.01
ZZ77886		0.89	40.3	2.05	1.80	<0.05	0.04	0.12	0.025	0.09	5.8	4.5	0.13	297	6.28	<0.01
ZZ77887		1.58	54.8	2.16	1.64	<0.05	0.04	0.18	0.030	0.09	5.9	3.2	0.11	225	8.95	<0.01
ZZ77888		1.38	53.7	2.05	1.69	<0.05	0.05	0.19	0.028	0.11	6.0	3.5	0.10	428	6.93	<0.01
ZZ77889		1.25	57.4	2.02	1.70	0.05	0.04	0.12	0.030	0.09	4.1	2.2	0.07	113	13.35	<0.01
ZZ77890		1.73	58.4	2.07	2.63	0.06	0.03	0.20	0.036	0.09	5.7	5.6	0.13	119	27.9	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77851		0.45	32.3	990	16.8	9.3	<0.001	0.10	0.97	2.6	1.9	0.4	38.7	<0.01	0.08	0.6
ZZ77852		0.38	31.7	910	16.2	7.4	<0.001	0.08	0.92	2.7	2.1	0.4	43.4	<0.01	0.05	0.7
ZZ77853		0.37	53.6	760	24.4	9.8	0.001	0.04	2.12	6.1	3.2	0.5	33.9	<0.01	0.10	2.8
ZZ77854		0.60	27.3	860	14.8	10.1	0.001	0.08	0.77	2.8	1.8	0.5	36.1	<0.01	0.04	0.8
ZZ77855		0.58	25.7	650	13.8	8.6	0.001	0.07	0.55	2.8	1.7	0.4	37.8	<0.01	0.03	0.8
ZZ77856		0.47	63.2	590	15.7	11.0	0.002	0.06	0.93	4.7	3.5	0.5	37.7	<0.01	0.04	1.5
ZZ77857		0.51	34.2	840	11.0	7.7	0.002	0.10	0.71	2.7	3.3	0.4	41.1	<0.01	0.03	0.6
ZZ77858		0.40	43.9	580	17.5	10.5	0.001	0.04	0.88	3.8	2.3	0.4	24.6	<0.01	0.05	1.8
ZZ77859		0.43	45.1	530	18.7	12.2	0.001	0.04	0.98	4.4	2.9	0.4	24.6	<0.01	0.04	2.0
ZZ77860		0.62	32.2	670	17.1	10.0	0.001	0.04	0.74	3.8	1.5	0.5	19.7	<0.01	0.06	1.4
ZZ77861		0.47	44.4	1130	21.2	7.5	<0.001	0.06	1.05	4.5	2.9	0.4	37.5	<0.01	0.05	1.8
ZZ77862		0.46	39.8	970	17.1	7.8	0.001	0.07	1.07	3.2	2.0	0.3	36.4	<0.01	0.05	0.9
ZZ77863		0.09	16.6	2960	23.8	14.3	<0.001	0.09	1.95	0.2	2.6	0.5	33.3	<0.01	0.16	<0.2
ZZ77864		0.25	42.9	1560	12.9	10.2	<0.001	0.16	0.62	3.2	1.0	0.4	26.3	<0.01	0.04	1.2
ZZ77865		0.16	70.0	1290	11.4	5.9	0.001	0.35	0.61	4.5	0.8	0.3	81.2	<0.01	0.03	1.5
ZZ77866		0.09	41.7	1070	10.9	7.1	<0.001	0.04	0.61	4.2	1.3	0.2	32.8	<0.01	0.03	2.6
ZZ77867		0.16	41.2	660	15.0	5.9	<0.001	0.07	1.95	3.3	1.9	0.2	96.6	<0.01	0.03	1.0
ZZ77868		0.07	68.5	660	12.6	5.0	0.002	0.05	8.28	4.2	3.1	0.2	54.1	<0.01	0.03	2.4
ZZ77869		0.19	75.2	1150	12.5	7.5	0.002	0.11	5.49	2.4	3.6	0.2	38.0	<0.01	0.06	0.8
ZZ77870		0.28	121.5	1260	13.9	6.7	0.002	0.12	6.08	2.1	4.4	0.4	48.1	<0.01	0.07	0.6
ZZ77871		0.28	158.5	1120	13.9	8.0	0.004	0.11	4.06	3.3	5.3	0.4	44.5	<0.01	0.08	0.8
ZZ77872		0.26	40.8	760	10.3	6.1	0.001	0.14	2.92	1.6	3.2	0.4	55.1	<0.01	0.06	0.5
ZZ77873		0.32	92.0	1170	24.1	7.5	<0.001	0.05	2.99	5.9	2.7	0.4	57.5	<0.01	0.07	4.0
ZZ77874		0.37	94.3	1660	20.7	7.5	0.001	0.06	3.27	4.2	3.5	0.4	61.9	<0.01	0.07	1.9
ZZ77875		0.44	105.0	950	19.3	9.1	0.002	0.06	3.13	4.6	3.4	0.4	44.4	<0.01	0.08	1.8
ZZ77876		0.22	52.5	600	13.1	6.2	0.007	0.05	3.28	3.1	3.8	0.3	36.5	<0.01	0.08	1.6
ZZ77877		0.13	91.3	860	9.1	6.2	0.013	0.09	2.20	2.8	5.2	0.3	55.8	<0.01	0.07	0.8
ZZ77878		0.21	113.5	910	12.6	8.4	0.003	0.08	3.48	2.4	3.9	0.3	44.9	<0.01	0.06	0.8
ZZ77879		0.21	90.5	970	10.5	7.0	0.005	0.10	2.53	2.1	4.1	0.3	46.1	<0.01	0.05	0.7
ZZ77880		0.23	81.5	1200	27.2	7.0	0.003	0.09	1.83	3.1	4.2	0.3	69.6	<0.01	0.07	0.8
ZZ77881		0.27	51.1	800	23.8	6.4	0.001	0.05	1.47	4.1	2.3	0.3	42.8	<0.01	0.06	1.2
ZZ77882		0.50	32.4	750	15.1	11.1	<0.001	0.05	0.60	4.3	2.1	0.4	36.8	<0.01	0.04	1.2
ZZ77883		0.25	38.8	810	15.5	9.2	0.001	0.11	0.59	3.5	2.4	0.3	46.6	<0.01	0.05	1.1
ZZ77884		0.25	52.4	840	26.4	9.5	0.001	0.05	0.64	4.7	1.7	0.3	40.3	<0.01	0.05	2.1
ZZ77885		0.15	46.1	780	22.1	9.1	0.002	0.10	0.48	4.5	2.2	0.4	32.3	<0.01	0.05	2.2
ZZ77886		0.18	47.7	810	11.6	7.3	0.008	0.05	1.91	3.0	3.2	0.3	32.4	<0.01	0.07	1.8
ZZ77887		0.17	60.9	810	13.1	8.8	0.006	0.04	2.75	3.6	4.1	0.3	39.3	<0.01	0.06	2.1
ZZ77888		0.17	63.7	820	11.9	8.5	0.011	0.05	2.74	3.6	3.4	0.3	39.5	<0.01	0.07	2.2
ZZ77889		0.15	72.5	710	13.0	7.6	0.007	0.04	5.43	3.1	6.6	0.3	40.6	<0.01	0.08	2.3
ZZ77890		0.25	163.5	650	21.8	9.0	0.003	0.09	15.20	3.0	12.7	0.5	53.0	<0.01	0.17	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77851		0.007	0.21	2.60	57	0.10	25.0	162	1.1
ZZ77852		0.007	0.15	1.23	47	0.08	27.6	161	1.2
ZZ77853		0.005	0.28	1.35	75	0.12	44.6	271	1.9
ZZ77854		0.011	0.15	2.17	57	0.14	16.25	138	1.1
ZZ77855		0.010	0.11	1.81	48	0.16	16.20	117	1.0
ZZ77856		0.006	0.27	1.49	53	0.08	21.5	204	1.6
ZZ77857		0.010	0.15	1.96	46	0.09	18.50	134	1.2
ZZ77858		0.009	0.18	1.13	55	0.10	12.65	206	1.3
ZZ77859		0.008	0.19	0.93	65	0.09	19.55	215	1.5
ZZ77860		0.013	0.17	1.54	63	0.17	17.80	134	0.8
ZZ77861		0.011	0.17	1.51	57	0.12	32.0	178	1.3
ZZ77862		0.010	0.15	1.62	52	0.15	23.8	210	1.1
ZZ77863		<0.005	1.18	3.95	191	0.10	4.66	92	<0.5
ZZ77864		<0.005	0.33	0.89	44	0.05	5.92	126	0.9
ZZ77865		<0.005	0.61	0.79	27	<0.05	6.96	112	0.9
ZZ77866		<0.005	0.11	1.05	26	<0.05	19.90	120	1.9
ZZ77867		<0.005	0.25	0.83	58	0.05	20.7	201	1.2
ZZ77868		<0.005	0.58	3.15	118	<0.05	21.3	577	1.6
ZZ77869		<0.005	0.42	2.92	156	0.06	20.5	459	1.9
ZZ77870		0.005	0.80	4.90	298	0.10	18.60	784	1.9
ZZ77871		0.005	0.47	4.28	468	0.15	40.0	941	1.7
ZZ77872		0.006	0.92	3.52	171	0.14	8.40	181	1.6
ZZ77873		0.009	0.44	2.23	211	0.14	22.5	508	2.7
ZZ77874		0.008	0.33	4.10	236	0.16	35.9	511	1.9
ZZ77875		0.008	0.42	4.92	309	0.15	33.8	431	1.9
ZZ77876		<0.005	0.29	4.29	144	0.08	11.30	353	1.0
ZZ77877		<0.005	0.21	7.48	53	<0.05	21.9	220	1.6
ZZ77878		0.005	0.60	2.75	156	0.09	19.90	703	1.3
ZZ77879		<0.005	0.41	7.15	125	0.07	14.25	497	1.5
ZZ77880		0.005	0.36	3.68	91	0.09	17.45	622	1.3
ZZ77881		0.005	0.16	1.42	55	0.10	20.5	215	1.3
ZZ77882		0.005	0.19	3.01	53	0.09	20.1	122	1.0
ZZ77883		<0.005	0.11	1.56	32	0.05	15.25	120	1.6
ZZ77884		<0.005	0.15	1.05	35	<0.05	18.10	190	1.7
ZZ77885		<0.005	0.11	1.06	34	<0.05	16.35	160	1.8
ZZ77886		<0.005	0.22	2.51	67	<0.05	13.60	283	1.2
ZZ77887		<0.005	0.33	2.29	60	0.05	14.50	370	1.4
ZZ77888		<0.005	0.35	2.48	67	<0.05	14.75	402	1.7
ZZ77889		<0.005	0.34	2.95	125	0.06	12.15	425	1.2
ZZ77890		0.006	1.30	4.72	271	0.29	11.00	1020	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description / LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77891	0.16	0.003	0.68	0.79	143	<0.2	<10	360	0.72	0.15	10.95	5.62	17.75	7.2	23
ZZ77892	0.16	0.004	0.55	1.07	75.5	<0.2	<10	510	0.78	0.20	1.99	2.60	18.65	9.5	24
ZZ77893	0.38	0.007	0.39	0.61	127.0	<0.2	<10	260	0.48	0.20	0.66	1.17	11.05	6.4	18
ZZ77894	0.21	0.003	0.61	0.84	92.1	<0.2	<10	370	0.85	0.18	1.75	3.33	21.0	11.1	23
ZZ77895	0.28	0.008	1.73	1.00	130.5	<0.2	<10	250	1.14	0.24	2.82	9.08	33.3	10.6	49
ZZ77896	0.31	0.007	1.78	0.86	84.7	<0.2	<10	230	1.16	0.20	3.38	2.97	37.7	10.0	60
ZZ77897	0.31	0.004	2.10	0.33	20.2	<0.2	<10	120	0.80	0.12	5.70	17.95	25.4	6.8	17
ZZ77898	0.26	0.002	1.68	0.78	18.2	<0.2	<10	170	1.25	0.23	0.99	5.14	29.1	10.4	15
ZZ77899	0.30	0.003	0.93	1.02	16.2	<0.2	<10	290	1.23	0.22	1.51	0.97	35.8	11.3	18
ZZ77900	0.28	0.002	0.15	1.03	14.0	<0.2	<10	150	0.66	0.24	0.10	0.29	23.1	9.9	19
ZZ77901	0.29	0.003	0.15	0.95	19.4	<0.2	<10	220	0.67	0.09	0.09	0.56	27.5	15.1	24
ZZ77902	0.23	0.002	0.15	1.40	160.5	<0.2	<10	850	1.49	0.20	0.20	2.18	45.1	15.9	17
ZZ77903	0.33	0.003	1.21	1.39	364	<0.2	<10	660	0.87	0.22	0.12	1.99	26.9	8.1	38
ZZ77904	0.22	0.003	1.47	0.51	12.9	<0.2	10	610	0.52	0.14	2.36	0.65	8.64	5.2	19
ZZ77905	0.21	0.004	1.00	0.70	11.1	<0.2	<10	600	0.41	0.14	1.58	0.31	7.32	5.4	21
ZZ77906	0.22	0.003	0.59	0.89	12.4	<0.2	10	430	0.60	0.18	2.18	0.98	11.65	9.9	20
ZZ77907	0.24	0.007	0.58	1.07	13.4	<0.2	<10	810	0.74	0.21	1.04	0.57	8.28	9.1	23
ZZ77908	0.24	0.023	0.57	0.93	16.5	<0.2	<10	780	0.76	0.23	1.30	0.61	8.45	10.8	21
ZZ77909	0.26	0.002	0.43	1.24	24.6	<0.2	<10	390	0.79	0.23	2.54	0.83	15.80	10.7	25
ZZ77910	0.30	0.006	0.37	1.29	18.1	<0.2	<10	460	0.80	0.22	2.31	0.92	12.90	14.4	25
ZZ77911	0.21	0.003	0.62	1.18	19.4	<0.2	<10	500	0.95	0.23	1.52	0.57	9.49	10.4	27
ZZ77912	0.25	0.004	0.36	1.04	20.7	<0.2	<10	450	0.93	0.23	1.43	1.56	14.95	8.6	19
ZZ77913	0.14	0.002	0.30	0.93	18.5	<0.2	<10	600	0.81	0.19	2.09	1.50	13.55	9.5	15
ZZ77914	0.30	0.005	0.20	1.09	17.8	<0.2	<10	320	1.03	0.26	1.05	1.20	16.90	11.5	20
ZZ77915	0.22	0.002	0.21	1.25	19.9	<0.2	<10	480	0.93	0.23	1.01	2.00	19.15	10.6	23
ZZ77916	0.35	0.004	0.48	1.28	30.4	<0.2	<10	860	1.07	0.24	0.71	3.68	21.0	9.9	35
ZZ77917	0.33	0.005	1.12	1.13	34.5	<0.2	<10	410	1.25	0.22	1.25	6.36	24.2	8.0	55
ZZ77918	0.31	0.005	1.71	1.40	25.3	<0.2	<10	310	1.19	0.23	3.63	3.13	41.4	9.8	73
ZZ77919	0.22	0.001	0.19	1.69	12.5	<0.2	<10	200	0.67	0.26	0.22	0.35	21.8	6.5	31
ZZ77920	0.31	0.001	0.09	1.81	17.4	<0.2	<10	260	1.09	0.30	0.17	0.37	31.0	13.5	29
ZZ77921	0.40	0.002	0.05	1.73	27.6	<0.2	<10	210	1.19	0.32	0.15	0.38	31.2	13.2	25
ZZ77922	0.34	0.010	0.29	1.74	13.1	<0.2	<10	310	1.17	0.20	1.35	2.41	44.5	12.8	31
ZZ77923	0.26	0.003	0.15	1.23	19.9	<0.2	<10	170	0.65	0.30	0.30	1.20	17.95	8.0	22
ZZ77924	0.29	0.001	0.05	1.25	20.0	<0.2	<10	170	1.11	0.31	0.20	0.34	26.9	13.6	22

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77891		0.82	36.0	1.73	2.50	0.05	0.04	0.32	0.018	0.06	13.4	7.8	3.35	284	8.40	0.01
ZZ77892		0.81	29.2	2.15	3.43	<0.05	0.03	0.18	0.023	0.07	11.2	9.9	0.26	399	5.86	<0.01
ZZ77893		1.20	33.6	2.27	2.77	<0.05	0.03	0.34	0.022	0.12	6.2	6.4	0.15	180	29.9	<0.01
ZZ77894		0.53	39.0	2.66	2.84	0.06	0.05	0.16	0.023	0.10	13.3	9.1	0.26	314	8.63	<0.01
ZZ77895		1.00	84.6	2.79	3.74	0.09	0.04	0.31	0.025	0.12	26.2	11.1	0.61	267	12.65	<0.01
ZZ77896		0.45	54.2	2.38	2.83	0.10	0.06	0.26	0.026	0.09	34.2	8.0	0.94	255	8.22	<0.01
ZZ77897		0.80	56.3	2.08	1.71	0.09	0.12	0.33	0.021	0.13	15.5	3.3	2.04	137	25.2	0.01
ZZ77898		0.44	41.3	3.08	2.23	0.09	0.10	0.17	0.037	0.11	20.5	6.7	0.17	187	7.59	<0.01
ZZ77899		0.36	36.4	3.28	2.57	0.08	0.08	0.11	0.035	0.09	20.2	8.3	0.48	329	3.72	0.01
ZZ77900		0.49	27.8	3.92	3.77	0.06	0.02	0.03	0.033	0.11	8.1	6.3	0.15	349	2.53	0.01
ZZ77901		0.31	24.2	5.67	2.12	0.08	0.05	0.07	0.042	0.14	11.6	4.9	0.10	314	3.40	0.01
ZZ77902		1.17	53.5	4.71	4.29	0.10	0.08	0.05	0.063	0.14	19.0	6.6	0.15	662	7.16	0.01
ZZ77903		1.20	74.2	5.25	4.82	0.09	0.06	0.05	0.089	0.24	12.8	5.5	0.09	205	11.25	0.01
ZZ77904		0.38	32.2	1.68	1.54	0.06	0.05	0.15	0.024	0.06	5.4	4.5	0.17	233	1.97	0.01
ZZ77905		0.65	21.4	1.76	1.96	0.05	0.04	0.14	0.026	0.05	5.1	6.0	0.11	267	2.00	<0.01
ZZ77906		0.45	31.2	2.46	2.70	0.06	0.06	0.16	0.032	0.07	8.2	11.5	0.40	414	1.24	<0.01
ZZ77907		0.66	35.6	3.03	2.93	0.05	0.07	0.12	0.038	0.11	5.0	14.3	0.22	265	2.06	0.02
ZZ77908		0.79	37.2	3.24	2.63	0.06	0.07	0.11	0.035	0.13	4.6	14.5	0.27	353	2.50	0.02
ZZ77909		0.72	22.7	3.02	3.35	0.06	0.06	0.14	0.031	0.08	11.7	13.0	0.32	463	1.92	0.01
ZZ77910		0.79	33.7	3.67	3.60	0.07	0.07	0.11	0.034	0.11	8.9	16.5	0.62	618	2.12	0.01
ZZ77911		0.96	38.0	3.02	3.14	0.07	0.09	0.29	0.035	0.12	8.3	15.0	0.27	272	2.03	0.01
ZZ77912		0.72	49.1	3.10	3.20	0.07	0.06	0.17	0.031	0.11	8.1	11.5	0.36	294	5.07	0.01
ZZ77913		0.76	38.5	2.54	2.82	0.05	0.05	0.12	0.027	0.08	5.7	10.6	0.30	343	3.64	0.01
ZZ77914		0.69	49.9	3.63	3.36	0.06	0.06	0.12	0.032	0.10	8.4	13.6	0.47	441	3.96	0.01
ZZ77915		0.67	37.0	4.58	3.85	0.08	0.06	0.11	0.040	0.08	9.7	14.0	0.34	1630	15.80	0.01
ZZ77916		0.74	53.0	3.01	4.21	0.07	0.06	0.21	0.034	0.09	15.5	14.5	0.30	382	12.20	0.01
ZZ77917		1.08	84.2	2.37	4.69	0.09	0.07	0.32	0.035	0.10	21.2	10.1	0.23	281	35.2	0.01
ZZ77918		0.58	57.5	2.55	4.41	0.10	0.07	0.29	0.031	0.09	40.9	11.2	0.36	392	5.45	0.01
ZZ77919		1.04	16.3	2.74	6.00	0.05	0.03	0.04	0.023	0.06	10.1	19.0	0.29	265	1.50	0.01
ZZ77920		1.38	29.3	4.05	5.42	0.07	0.04	0.04	0.035	0.10	11.2	27.3	0.43	591	1.21	0.01
ZZ77921		1.05	27.0	4.16	4.79	0.05	0.05	0.04	0.037	0.09	8.3	28.4	0.38	832	1.02	0.01
ZZ77922		0.90	33.9	4.34	5.17	0.09	0.09	0.06	0.050	0.19	17.1	16.8	0.41	634	3.45	0.01
ZZ77923		0.85	26.3	3.26	5.16	<0.05	<0.02	0.04	0.028	0.10	6.3	11.0	0.22	441	2.73	0.01
ZZ77924		0.99	25.3	3.26	4.17	0.05	0.07	0.03	0.032	0.08	8.5	18.0	0.26	727	0.79	<0.01

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Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method / Analyte / Units / LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ77891		0.41	138.0	980	10.3	7.4	0.003	0.05	3.23	2.4	2.4	0.3	90.2	<0.01	0.05	0.8
ZZ77892		0.50	61.4	860	14.7	6.8	0.003	0.08	4.02	2.5	2.8	0.4	38.9	<0.01	0.06	0.7
ZZ77893		0.29	40.1	640	23.3	8.6	0.003	0.14	7.20	2.5	4.7	0.4	38.7	<0.01	0.14	1.7
ZZ77894		0.29	87.3	1110	15.4	6.2	0.002	0.08	3.19	3.1	3.4	0.3	38.7	<0.01	0.05	0.9
ZZ77895		0.35	141.5	1500	17.5	9.0	0.001	0.05	5.32	5.0	4.8	0.5	57.2	<0.01	0.10	1.8
ZZ77896		0.20	115.0	1570	13.9	6.1	0.002	0.06	2.45	4.8	5.2	0.4	56.5	<0.01	0.06	1.7
ZZ77897		0.15	87.4	780	13.1	8.6	0.003	0.02	20.2	5.0	5.7	0.3	94.2	0.01	0.09	4.4
ZZ77898		0.15	60.6	650	17.9	7.4	0.001	0.03	4.73	6.4	2.4	0.4	37.4	0.01	0.06	3.6
ZZ77899		0.21	42.8	870	17.6	7.3	0.001	0.03	1.71	5.0	1.7	0.3	48.3	<0.01	0.04	3.5
ZZ77900		0.31	32.8	1340	17.3	11.0	<0.001	0.04	0.77	1.4	0.9	0.4	11.1	<0.01	0.05	0.5
ZZ77901		0.24	65.2	1630	10.7	5.2	<0.001	0.14	0.64	4.1	0.9	0.4	25.3	<0.01	0.04	1.3
ZZ77902		0.32	49.3	1520	16.1	13.0	0.002	0.04	3.24	4.6	1.4	0.7	20.5	0.01	0.04	2.4
ZZ77903		0.20	28.2	5830	30.4	13.8	0.003	0.46	6.06	2.7	3.3	0.8	141.0	0.01	0.11	0.7
ZZ77904		0.18	42.0	1250	9.7	5.1	0.006	0.13	0.88	2.6	4.7	0.3	67.6	<0.01	0.09	1.1
ZZ77905		0.17	23.1	1090	10.3	8.9	0.006	0.09	0.61	2.6	4.0	0.3	46.6	<0.01	0.09	1.0
ZZ77906		0.32	38.9	880	14.2	6.7	0.002	0.07	0.67	3.4	2.4	0.4	39.9	<0.01	0.07	1.3
ZZ77907		0.15	43.7	850	17.3	8.4	0.003	0.12	0.53	3.8	2.0	0.7	35.8	0.01	0.07	1.8
ZZ77908		0.14	47.9	920	15.9	8.6	0.001	0.20	0.66	3.9	2.0	0.5	41.3	<0.01	0.09	2.1
ZZ77909		0.36	34.9	820	23.5	9.4	0.001	0.06	0.71	3.5	1.7	0.5	25.5	0.01	0.10	1.4
ZZ77910		0.24	50.5	840	23.9	9.3	0.001	0.04	0.60	4.7	1.3	0.6	28.2	0.01	0.07	3.0
ZZ77911		0.20	45.4	660	22.2	11.0	0.002	0.06	0.57	4.3	2.3	0.7	24.6	<0.01	0.06	1.7
ZZ77912		0.32	38.3	770	22.4	7.5	0.004	0.07	1.73	3.9	2.8	0.5	40.4	<0.01	0.06	1.3
ZZ77913		0.33	37.5	720	18.7	7.5	0.003	0.09	1.28	3.1	2.4	0.4	49.0	<0.01	0.06	1.0
ZZ77914		0.33	37.1	720	23.9	7.0	0.002	0.04	0.97	5.0	1.7	0.5	27.2	<0.01	0.07	2.2
ZZ77915		0.38	51.5	730	21.3	9.1	0.001	0.04	1.16	4.2	1.7	0.5	26.5	<0.01	0.06	1.5
ZZ77916		0.37	118.5	630	20.4	10.2	0.002	0.04	2.97	4.3	2.4	0.6	23.8	0.01	0.10	1.8
ZZ77917		0.36	200	1100	16.9	10.8	0.002	0.06	5.13	4.2	3.4	1.1	35.6	0.01	0.17	1.1
ZZ77918		0.37	97.3	1970	18.5	10.4	0.001	0.08	2.91	3.0	4.1	0.7	66.5	0.01	0.09	1.0
ZZ77919		0.58	23.4	710	16.8	12.0	<0.001	0.02	0.52	2.2	0.8	0.7	13.0	<0.01	0.04	1.4
ZZ77920		0.61	29.9	640	27.7	14.0	<0.001	0.02	0.51	3.5	0.7	0.7	12.7	<0.01	0.05	1.9
ZZ77921		0.40	24.4	710	41.7	12.4	<0.001	0.02	0.39	3.2	0.5	0.6	11.9	<0.01	0.05	2.2
ZZ77922		0.38	40.9	4030	18.6	16.8	0.002	0.04	0.87	4.3	1.2	0.8	49.5	<0.01	0.06	1.9
ZZ77923		0.27	18.4	1530	22.8	12.0	0.001	0.03	1.08	0.9	1.4	0.6	16.6	<0.01	0.07	0.2
ZZ77924		0.31	24.2	830	26.8	11.4	<0.001	0.02	0.33	3.2	0.5	0.6	16.7	<0.01	0.04	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77891		0.011	0.36	4.20	282	0.24	19.30	1380	1.2
ZZ77892		0.010	0.41	4.72	268	0.19	14.85	468	1.2
ZZ77893		0.008	1.13	2.44	313	0.26	7.00	251	1.0
ZZ77894		0.007	0.29	3.40	231	0.17	21.4	815	1.3
ZZ77895		0.012	0.26	3.59	443	0.22	43.2	831	1.3
ZZ77896		0.005	0.17	2.93	158	0.18	43.4	451	1.7
ZZ77897		<0.005	0.38	4.79	408	0.11	29.5	1030	5.7
ZZ77898		<0.005	0.38	1.49	97	0.05	25.2	397	2.4
ZZ77899		<0.005	0.23	1.63	55	0.06	20.2	196	2.0
ZZ77900		0.007	0.16	1.10	48	0.07	4.65	141	<0.5
ZZ77901		<0.005	0.47	0.77	28	0.05	8.42	127	0.8
ZZ77902		<0.005	0.93	1.27	105	0.09	18.15	741	1.4
ZZ77903		<0.005	2.01	9.40	182	0.08	10.55	263	1.0
ZZ77904		<0.005	0.09	2.36	35	0.06	17.05	187	1.5
ZZ77905		<0.005	0.12	1.94	39	<0.05	13.05	89	1.2
ZZ77906		<0.005	0.09	0.99	34	0.06	17.00	161	1.7
ZZ77907		<0.005	0.13	1.13	34	0.05	16.90	167	1.7
ZZ77908		<0.005	0.15	1.14	32	0.05	15.80	171	1.7
ZZ77909		0.005	0.16	0.94	46	0.08	20.6	179	1.2
ZZ77910		<0.005	0.17	0.85	40	0.07	19.55	187	1.9
ZZ77911		<0.005	0.15	0.95	39	0.06	21.4	173	2.3
ZZ77912		0.005	0.24	2.43	65	0.08	13.65	242	1.5
ZZ77913		0.006	0.23	2.61	69	0.07	9.34	206	1.4
ZZ77914		0.007	0.17	2.15	67	0.08	11.45	201	1.4
ZZ77915		0.009	0.23	2.79	125	0.11	14.05	220	1.3
ZZ77916		0.008	0.47	3.75	415	0.16	25.8	534	1.6
ZZ77917		0.010	0.86	6.64	878	0.30	43.4	800	1.5
ZZ77918		0.008	0.18	2.86	319	0.28	46.2	455	1.3
ZZ77919		0.009	0.19	1.07	109	0.16	5.02	121	0.6
ZZ77920		0.013	0.19	0.89	48	0.14	7.47	131	0.8
ZZ77921		0.006	0.22	0.85	35	0.11	5.56	163	1.2
ZZ77922		0.007	0.12	2.59	59	0.07	11.25	481	1.9
ZZ77923		0.009	0.21	1.26	74	0.14	4.15	233	<0.5
ZZ77924		0.005	0.17	1.11	28	0.08	5.65	143	1.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124407

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

CERTIFICATE WH13124408

Project: Nadaleen

P.O. No.: SO13-06

This report is for 224 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30271		0.14	0.003	0.30	0.79	15.4	<0.2	10	430	0.86	0.21	2.14	0.83	17.05	9.4	14
ZZ30272		0.19	0.002	0.23	0.77	13.5	<0.2	10	310	0.86	0.26	2.28	0.51	14.05	10.7	13
ZZ30273		0.16	0.002	0.15	0.82	15.9	<0.2	<10	250	0.78	0.23	1.87	0.62	15.50	9.9	14
ZZ30274		0.17	0.003	0.20	0.69	10.8	<0.2	10	270	0.65	0.21	2.87	0.26	9.84	7.6	11
ZZ30275		0.19	0.003	0.26	0.68	9.6	<0.2	10	200	0.63	0.19	3.34	0.33	11.40	7.6	10
ZZ30276		0.28	0.004	0.24	0.68	12.5	<0.2	10	170	0.85	0.27	2.58	0.31	19.10	10.3	12
ZZ30277		0.27	0.003	0.27	0.95	19.2	<0.2	10	310	0.90	0.26	1.45	0.59	19.15	12.8	18
ZZ30278		0.17	0.002	0.17	0.74	13.6	<0.2	10	290	0.82	0.25	2.13	0.37	13.55	9.8	13
ZZ30279		0.28	0.003	0.18	0.72	16.0	<0.2	10	220	0.85	0.27	2.11	0.33	16.05	10.6	13
ZZ30280		0.22	0.003	0.11	0.84	15.8	<0.2	10	290	0.90	0.30	1.87	0.21	10.20	11.5	14
ZZ30281		0.34	0.003	0.60	1.01	28.1	<0.2	<10	1090	0.59	0.22	0.27	0.26	13.00	6.6	27
ZZ30282		0.32	0.006	1.84	0.49	32.5	<0.2	10	1230	0.60	0.21	0.85	0.44	6.37	5.2	16
ZZ30283		0.30	0.004	0.81	0.52	75.9	<0.2	10	1000	0.58	0.21	0.83	0.49	8.17	6.7	14
ZZ30284		0.18	0.002	0.07	0.48	22.6	<0.2	<10	450	0.29	0.10	4.12	0.76	5.71	3.4	8
ZZ30285		0.27	0.002	1.08	1.19	37.6	<0.2	<10	670	0.94	0.34	1.51	1.49	25.9	10.8	35
ZZ30286		0.27	<0.001	0.58	0.54	9.6	<0.2	<10	1000	0.43	0.11	3.83	1.06	15.00	4.1	14
ZZ30287		0.19	0.003	0.16	0.60	22.9	<0.2	10	710	0.46	0.18	5.56	1.83	12.20	5.3	15
ZZ30288		0.24	0.003	0.14	1.11	129.5	<0.2	10	480	0.71	0.28	2.34	1.82	19.15	9.6	24
ZZ30289		0.25	0.002	0.64	1.08	71.9	<0.2	<10	510	0.88	0.24	2.10	1.38	24.7	10.0	27
ZZ30290		0.28	0.004	1.05	0.94	167.0	<0.2	10	480	0.77	0.27	2.13	1.39	8.29	9.0	39
ZZ30291		0.43	0.001	0.19	0.22	135.5	<0.2	<10	80	0.20	0.10	0.06	0.78	3.62	6.2	18
ZZ30292		0.46	0.003	0.45	0.54	132	<0.2	<10	140	0.57	0.11	15.30	2.19	15.10	11.1	17
ZZ30293		0.19	0.009	0.10	0.47	15.8	<0.2	10	210	0.23	0.08	5.68	0.83	6.02	2.7	8
ZZ30294		0.18	0.004	0.43	0.83	115.5	<0.2	10	670	0.83	0.15	3.58	1.07	8.13	6.2	25
ZZ30295		0.13	0.003	0.45	0.80	64.6	<0.2	10	450	0.69	0.15	3.84	0.78	8.49	7.0	16
ZZ30296		0.21	0.003	0.24	1.13	32.8	<0.2	<10	450	0.87	0.21	1.94	0.71	11.20	9.9	27
ZZ30297		0.21	0.002	0.10	0.73	8.6	<0.2	<10	380	0.86	0.24	2.33	0.38	8.06	9.9	12
ZZ30298		0.16	0.002	0.15	0.74	9.0	<0.2	<10	490	0.74	0.21	2.59	0.77	7.17	9.0	27
ZZ30299		0.16	0.003	0.27	0.94	17.7	<0.2	<10	520	1.14	0.37	2.14	0.40	10.25	8.3	189
ZZ30300		0.16	0.007	0.20	1.48	9.8	<0.2	10	450	0.75	0.28	1.90	6.02	26.5	14.4	27
ZZ30301		0.22	0.002	1.15	0.94	10.0	<0.2	<10	650	0.61	0.30	1.56	2.30	10.30	7.4	28
ZZ30302		0.21	0.010	0.29	1.48	23.4	<0.2	10	790	1.11	0.25	2.73	2.50	25.3	13.5	28
ZZ30303		0.27	0.004	1.33	0.77	20.3	<0.2	10	810	0.70	0.23	2.50	1.49	10.40	9.2	20
ZZ30304		0.11	0.009	1.73	0.50	17.0	<0.2	10	1010	0.61	0.20	3.56	2.96	11.75	4.8	17
ZZ30305		0.13	0.003	0.49	0.47	8.8	<0.2	10	830	0.39	0.09	5.49	1.19	7.59	4.3	10
ZZ30306		0.24	0.005	0.58	0.44	12.3	<0.2	10	880	0.58	0.15	2.17	2.02	13.40	8.9	11
ZZ30307		0.15	0.003	0.46	0.46	8.9	<0.2	10	870	0.56	0.11	3.35	1.66	10.40	6.3	11
ZZ30308		0.24	0.006	0.75	0.78	19.7	<0.2	<10	880	0.91	0.14	1.81	6.66	19.20	7.2	26
ZZ30309		0.22	0.004	0.24	1.44	11.2	<0.2	<10	300	1.07	0.13	2.55	0.63	72.9	14.9	18
ZZ30310		0.19	0.001	0.34	1.32	12.0	<0.2	<10	280	0.73	0.16	1.72	0.76	23.4	11.6	23

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30271	0.69	31.1	2.43	2.43	<0.05	0.05	0.53	0.031	0.09	7.3	11.4	0.30	389	1.64	0.01
ZZ30272	1.26	39.2	2.65	2.33	<0.05	0.05	0.36	0.035	0.10	5.9	14.9	0.44	427	1.30	0.01
ZZ30273	0.52	27.9	2.91	2.58	<0.05	0.05	0.45	0.037	0.08	6.5	10.5	0.26	298	1.80	<0.01
ZZ30274	1.19	25.2	2.13	2.07	<0.05	0.06	0.25	0.028	0.08	4.4	11.0	0.25	233	0.79	0.01
ZZ30275	0.96	27.7	2.13	1.87	<0.05	0.05	0.32	0.027	0.08	4.8	8.7	0.20	210	0.95	0.01
ZZ30276	0.78	29.1	2.99	1.97	<0.05	0.05	0.37	0.035	0.09	7.2	10.9	0.23	303	1.10	0.01
ZZ30277	1.34	36.3	3.16	2.97	0.06	0.06	0.48	0.039	0.10	8.4	16.7	0.57	392	1.49	0.01
ZZ30278	0.93	29.4	2.70	2.30	<0.05	0.06	0.83	0.031	0.09	5.5	11.8	0.49	405	0.94	0.01
ZZ30279	1.23	31.0	2.99	2.23	<0.05	0.06	1.06	0.039	0.10	6.3	10.8	0.78	411	1.14	0.01
ZZ30280	0.59	23.4	3.08	2.58	<0.05	0.06	0.92	0.038	0.08	4.5	11.2	0.41	363	1.20	<0.01
ZZ30281	1.52	26.4	2.40	3.30	0.05	<0.02	0.07	0.030	0.08	6.7	6.3	0.14	266	3.02	<0.01
ZZ30282	1.03	50.0	2.23	1.42	0.07	0.06	0.20	0.043	0.11	4.0	2.2	0.04	96	4.01	0.01
ZZ30283	2.12	35.8	2.15	1.66	0.06	0.04	0.21	0.039	0.09	7.0	3.6	0.07	119	2.41	<0.01
ZZ30284	0.44	9.4	0.77	1.31	<0.05	0.04	0.15	0.016	0.03	7.5	1.6	0.04	251	0.91	<0.01
ZZ30285	1.30	30.6	3.19	3.43	0.08	0.06	0.14	0.050	0.07	22.1	8.4	0.22	376	4.73	<0.01
ZZ30286	1.30	14.0	1.23	1.56	0.07	0.03	0.12	0.022	0.04	16.3	3.4	0.09	341	2.66	0.01
ZZ30287	0.47	13.2	1.51	1.85	0.10	0.03	0.09	0.026	0.04	23.6	3.7	0.11	534	1.15	<0.01
ZZ30288	0.52	18.7	2.33	3.12	0.08	0.04	0.11	0.036	0.10	19.6	7.4	0.22	641	1.96	<0.01
ZZ30289	1.24	24.3	2.70	3.24	0.08	0.04	0.13	0.032	0.10	19.6	6.9	0.27	647	3.16	<0.01
ZZ30290	0.60	50.4	2.31	3.20	0.08	0.11	0.17	0.043	0.14	11.4	5.7	0.09	255	15.70	<0.01
ZZ30291	0.56	16.9	1.11	1.06	0.05	<0.02	0.07	0.016	0.04	6.9	0.7	0.01	115	4.15	<0.01
ZZ30292	0.91	21.4	1.50	1.91	0.15	0.06	0.23	0.019	0.09	39.6	4.4	0.13	324	6.02	<0.01
ZZ30293	0.45	10.5	0.66	1.27	0.05	0.03	0.16	0.011	0.03	16.6	1.7	0.06	261	0.97	0.01
ZZ30294	1.16	23.2	1.48	2.30	0.08	0.06	0.32	0.028	0.06	17.9	3.9	0.08	207	1.80	<0.01
ZZ30295	0.60	35.1	1.56	2.24	0.07	0.05	0.36	0.020	0.09	11.0	7.1	0.14	307	0.75	<0.01
ZZ30296	0.64	20.6	2.67	3.00	0.05	0.06	0.16	0.033	0.07	7.8	11.4	0.20	386	1.40	<0.01
ZZ30297	0.33	19.8	2.22	1.91	<0.05	0.05	0.08	0.034	0.07	4.2	6.1	0.13	261	1.12	<0.01
ZZ30298	0.39	20.1	2.24	1.92	<0.05	0.06	0.11	0.028	0.06	4.4	5.9	0.11	342	1.31	<0.01
ZZ30299	0.53	15.5	3.72	2.64	0.05	0.05	0.19	0.058	0.06	11.3	5.4	0.08	233	1.64	<0.01
ZZ30300	0.73	28.7	2.19	3.94	0.09	0.07	0.18	0.034	0.06	25.6	9.2	0.30	1420	4.37	0.02
ZZ30301	0.43	18.9	2.18	3.09	0.05	0.05	0.15	0.037	0.10	6.4	5.1	0.09	77	5.95	<0.01
ZZ30302	0.54	21.2	2.90	4.43	0.06	0.09	0.08	0.038	0.09	17.5	10.2	0.27	501	4.44	<0.01
ZZ30303	0.52	41.3	2.39	2.33	0.06	0.05	0.19	0.030	0.10	6.9	6.0	0.15	137	6.29	<0.01
ZZ30304	0.46	54.7	2.18	2.05	0.09	0.08	0.38	0.031	0.13	7.2	4.2	0.13	86	9.08	0.01
ZZ30305	0.32	20.9	1.00	1.32	0.05	0.04	0.11	0.014	0.05	6.3	3.4	0.14	175	1.99	0.01
ZZ30306	0.44	42.3	1.95	1.54	0.05	0.04	0.16	0.028	0.08	5.5	2.7	0.09	272	3.79	<0.01
ZZ30307	0.34	34.3	1.36	1.52	<0.05	0.05	0.13	0.019	0.06	5.4	3.2	0.10	205	2.38	<0.01
ZZ30308	0.32	43.6	1.82	2.64	0.07	0.07	0.30	0.029	0.07	9.8	5.3	0.15	145	25.5	<0.01
ZZ30309	0.50	23.2	3.75	5.75	0.12	0.06	0.08	0.035	0.11	31.4	24.8	0.60	705	2.07	<0.01
ZZ30310	0.57	24.8	2.68	4.45	0.06	0.11	0.13	0.030	0.14	9.1	17.5	0.46	232	3.27	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30271		0.29	30.8	690	16.4	7.0	0.002	0.07	0.96	3.6	1.0	0.5	47.6	<0.01	0.05	1.4
ZZ30272		0.21	29.3	610	19.0	7.8	0.001	0.07	0.79	4.8	1.1	0.4	52.4	<0.01	0.08	1.5
ZZ30273		0.29	29.1	460	18.7	6.3	<0.001	0.06	0.85	4.5	0.8	0.4	55.0	<0.01	0.05	1.9
ZZ30274		0.24	22.8	550	15.7	7.9	<0.001	0.09	0.56	3.2	0.8	0.4	132.0	<0.01	0.06	1.2
ZZ30275		0.25	24.1	470	14.4	6.5	<0.001	0.10	0.53	3.0	1.1	0.4	147.5	<0.01	0.08	1.2
ZZ30276		0.24	29.9	520	22.5	6.9	<0.001	0.07	0.54	5.0	0.7	0.4	124.5	<0.01	0.10	2.5
ZZ30277		0.31	38.5	550	25.1	9.9	<0.001	0.04	0.96	5.4	1.1	0.5	52.8	<0.01	0.06	3.1
ZZ30278		0.28	26.9	600	26.9	7.8	0.001	0.08	0.54	4.4	0.6	0.4	73.9	<0.01	0.05	2.1
ZZ30279		0.24	29.5	650	28.9	7.8	<0.001	0.05	0.63	5.2	1.1	0.5	62.9	<0.01	0.06	2.8
ZZ30280		0.40	25.6	480	32.5	5.9	<0.001	0.05	0.58	4.4	0.4	0.4	53.5	<0.01	0.04	2.1
ZZ30281		0.17	37.9	1630	12.6	10.4	0.002	0.06	0.95	0.3	2.1	0.5	31.1	<0.01	0.09	<0.2
ZZ30282		0.16	51.6	1020	11.6	8.7	0.002	0.18	1.40	5.1	4.0	0.3	82.9	<0.01	0.13	1.1
ZZ30283		0.19	51.3	810	12.7	8.5	0.001	0.07	1.31	4.6	2.8	0.4	43.6	<0.01	0.15	1.4
ZZ30284		0.34	10.9	1360	5.5	2.0	<0.001	0.20	0.44	0.8	0.8	0.2	45.9	<0.01	0.07	<0.2
ZZ30285		0.48	49.0	2040	19.3	7.0	0.001	0.08	1.35	3.0	4.3	0.6	46.0	<0.01	0.22	1.1
ZZ30286		0.35	17.6	1500	6.5	5.1	0.002	0.24	0.57	0.9	2.0	0.2	62.9	<0.01	0.04	0.2
ZZ30287		0.32	16.0	1510	10.8	3.9	<0.001	0.20	0.45	0.6	2.2	0.2	56.0	<0.01	0.16	0.2
ZZ30288		0.51	31.0	1390	17.8	6.2	<0.001	0.10	1.31	1.9	2.2	0.4	38.3	<0.01	0.20	0.5
ZZ30289		0.54	42.6	1000	28.6	12.5	0.001	0.07	1.06	3.2	3.7	0.4	38.7	<0.01	0.07	0.8
ZZ30290		0.27	106.0	1290	23.9	8.9	0.001	0.09	1.67	3.7	14.3	0.8	43.0	<0.01	0.08	0.7
ZZ30291		0.15	57.5	570	9.9	4.8	0.002	0.01	1.07	1.1	10.5	0.2	12.1	<0.01	0.04	0.2
ZZ30292		0.21	50.9	2010	29.5	5.4	0.001	<0.01	1.78	2.4	10.5	0.3	99.1	<0.01	0.04	0.9
ZZ30293		0.31	8.3	1340	5.3	2.9	<0.001	0.16	0.35	0.5	1.4	<0.2	54.7	<0.01	0.02	<0.2
ZZ30294		0.25	35.4	1540	9.1	9.2	0.002	0.11	0.77	2.1	3.1	0.4	46.9	<0.01	0.04	0.4
ZZ30295		0.34	33.5	1000	12.9	11.2	0.003	0.12	0.79	1.7	2.3	0.3	43.2	<0.01	0.04	0.3
ZZ30296		0.39	31.5	1010	27.5	8.9	0.002	0.10	0.59	2.8	2.1	0.4	27.6	<0.01	0.04	0.8
ZZ30297		0.17	27.3	710	14.7	7.1	0.001	0.10	0.36	3.0	1.1	0.4	28.9	<0.01	0.05	1.1
ZZ30298		0.23	31.4	860	12.0	7.7	0.007	0.11	0.50	2.5	2.0	0.4	31.5	<0.01	0.05	0.8
ZZ30299		0.25	31.3	1130	15.4	8.4	0.001	0.13	1.59	3.3	2.5	0.5	34.4	<0.01	0.24	1.3
ZZ30300		0.74	42.4	1910	19.4	6.5	0.001	0.16	1.18	2.9	5.0	0.4	43.5	0.01	0.15	0.6
ZZ30301		0.51	46.3	730	18.1	10.4	0.004	0.11	1.09	2.7	5.2	0.7	35.3	<0.01	0.11	0.9
ZZ30302		0.67	67.8	850	18.4	7.2	0.001	0.05	1.39	4.2	2.0	0.6	30.3	<0.01	0.12	1.7
ZZ30303		0.28	104.0	1420	13.3	6.1	0.003	0.10	1.83	2.5	5.3	0.5	56.7	<0.01	0.20	0.8
ZZ30304		0.21	64.9	1370	12.0	6.9	0.010	0.30	3.50	2.9	8.8	0.5	90.6	<0.01	0.11	0.7
ZZ30305		0.27	32.6	1310	5.9	3.7	0.003	0.17	1.20	0.7	3.2	0.2	78.0	<0.01	0.06	0.2
ZZ30306		0.20	46.6	1150	10.6	6.4	0.006	0.08	2.68	3.5	3.5	0.3	73.1	<0.01	0.05	1.5
ZZ30307		0.21	44.3	1250	7.7	4.7	0.007	0.12	1.80	2.0	2.9	0.3	56.3	<0.01	0.06	0.8
ZZ30308		0.39	104.0	1190	8.8	4.7	0.007	0.07	6.74	3.3	5.8	0.5	75.7	<0.01	0.11	0.8
ZZ30309		0.52	24.8	1380	14.2	8.0	0.004	0.08	0.96	3.9	2.2	0.7	69.1	<0.01	0.02	2.2
ZZ30310		0.48	28.2	800	11.3	11.2	0.001	0.04	1.74	4.4	1.4	0.5	54.5	<0.01	0.03	2.4

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30271	<0.005	0.12	1.85	37	0.06	10.55	119	1.6
ZZ30272	<0.005	0.13	1.29	27	<0.05	12.15	105	1.5
ZZ30273	<0.005	0.14	0.94	32	0.06	10.70	94	1.5
ZZ30274	<0.005	0.15	1.47	18	<0.05	9.22	79	1.8
ZZ30275	<0.005	0.14	2.19	17	0.05	8.57	58	2.0
ZZ30276	<0.005	0.14	1.58	19	<0.05	14.45	88	1.9
ZZ30277	0.005	0.20	0.98	32	0.06	15.05	135	2.0
ZZ30278	<0.005	0.15	0.96	20	0.05	9.64	132	1.7
ZZ30279	<0.005	0.19	1.09	20	0.07	11.90	137	1.7
ZZ30280	<0.005	0.14	0.87	22	0.06	7.09	137	1.7
ZZ30281	<0.005	0.22	1.77	61	0.11	10.65	152	<0.5
ZZ30282	<0.005	0.19	2.98	38	0.07	21.7	176	1.9
ZZ30283	<0.005	0.24	1.51	36	0.06	25.3	184	1.5
ZZ30284	0.008	0.08	0.68	17	<0.05	13.85	97	1.4
ZZ30285	0.011	0.30	1.83	59	0.17	47.6	190	1.6
ZZ30286	0.006	0.17	4.38	23	0.07	27.9	94	1.0
ZZ30287	<0.005	0.11	1.05	26	0.07	44.6	145	0.7
ZZ30288	0.010	0.22	0.93	49	0.14	38.9	196	1.0
ZZ30289	0.009	0.24	0.98	47	0.10	31.6	150	1.2
ZZ30290	<0.005	0.26	3.62	65	0.06	31.9	344	2.9
ZZ30291	<0.005	0.13	2.68	43	0.06	15.70	193	<0.5
ZZ30292	<0.005	0.24	6.29	40	0.05	43.2	258	1.8
ZZ30293	0.007	0.06	0.91	15	<0.05	25.8	103	0.8
ZZ30294	<0.005	0.25	3.21	40	0.05	41.1	153	1.9
ZZ30295	<0.005	0.28	2.72	33	0.06	27.7	153	2.0
ZZ30296	<0.005	0.20	1.27	40	0.11	15.30	181	1.5
ZZ30297	<0.005	0.09	0.91	22	<0.05	12.40	94	1.4
ZZ30298	<0.005	0.12	1.01	30	<0.05	13.10	127	1.3
ZZ30299	<0.005	0.12	1.03	76	<0.05	28.0	145	1.6
ZZ30300	0.023	0.20	2.76	79	0.13	58.3	267	2.2
ZZ30301	0.005	0.29	2.31	63	0.10	13.95	196	2.1
ZZ30302	0.006	0.21	0.84	79	0.14	30.6	270	2.5
ZZ30303	<0.005	0.22	2.43	55	0.10	22.0	394	1.2
ZZ30304	<0.005	0.98	2.58	84	0.07	26.1	202	3.3
ZZ30305	<0.005	0.17	2.82	31	<0.05	15.20	140	1.4
ZZ30306	<0.005	0.21	3.18	67	0.05	13.85	298	1.1
ZZ30307	<0.005	0.16	3.10	58	<0.05	13.20	206	1.6
ZZ30308	<0.005	0.63	5.36	458	0.16	33.0	443	2.6
ZZ30309	<0.005	0.14	1.17	50	<0.05	13.80	103	1.7
ZZ30310	<0.005	0.19	1.03	70	0.17	7.99	179	3.0

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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30311		0.26	0.002	0.59	1.38	11.0	<0.2	<10	550	0.89	0.16	1.98	1.23	28.6	12.9	21
ZZ30312		0.12	0.003	1.41	0.90	13.3	<0.2	<10	360	0.74	0.14	2.69	2.89	22.2	10.6	24
ZZ30313		0.25	0.002	0.56	0.91	15.0	<0.2	<10	600	0.86	0.18	2.70	1.56	19.10	9.6	18
ZZ30314		0.30	0.005	0.48	1.08	18.4	<0.2	<10	460	0.86	0.20	2.01	1.14	24.4	11.0	21
ZZ30315		0.26	0.003	0.22	0.79	23.2	<0.2	<10	350	0.94	0.27	2.19	0.69	20.4	12.0	17
ZZ30316		0.41	0.002	0.10	1.65	20.8	<0.2	<10	320	0.84	0.21	2.42	1.55	23.3	10.9	23
ZZ30317		0.38	0.003	0.21	0.84	19.0	<0.2	10	420	0.97	0.25	2.41	0.31	23.1	14.5	13
ZZ30318		0.24	0.003	0.21	0.80	13.6	<0.2	10	390	0.52	0.18	2.73	0.60	12.55	9.0	13
ZZ30319		0.33	0.002	0.14	0.74	18.8	<0.2	10	300	0.66	0.24	2.06	0.34	12.80	13.2	12
ZZ30320		0.22	0.004	0.16	0.76	14.9	<0.2	10	270	0.60	0.20	2.37	0.35	13.20	11.0	12
ZZ30321		0.34	0.002	0.14	0.83	15.1	<0.2	10	300	0.86	0.27	1.42	0.28	11.65	14.7	13
ZZ30322		0.48	0.002	0.13	0.66	22.4	<0.2	10	230	0.75	0.23	3.56	0.30	14.75	11.7	12
ZZ30323		0.36	0.003	0.15	0.86	18.6	<0.2	10	330	0.79	0.25	1.96	0.35	15.35	13.6	15
ZZ30324		0.31	0.002	0.54	1.08	12.2	<0.2	<10	270	0.72	0.20	2.16	0.95	40.5	8.2	14
ZZ30325		0.30	0.002	0.63	1.03	19.2	<0.2	<10	300	0.78	0.18	2.09	3.69	34.9	9.3	14
ZZ30326		0.28	0.002	1.44	0.91	25.7	<0.2	<10	210	0.82	0.18	1.11	1.60	37.7	7.3	15
ZZ30327		0.33	0.003	1.46	0.97	90.9	<0.2	<10	210	0.97	0.18	2.35	9.62	30.7	11.6	24
ZZ30328		0.20	0.003	2.12	0.87	219	<0.2	<10	220	1.01	0.16	1.63	12.20	32.6	9.0	33
ZZ30329		0.22	0.003	1.21	1.25	753	<0.2	<10	200	0.87	0.20	3.72	17.55	33.7	12.3	36
ZZ30330		0.16	0.005	1.77	0.68	571	<0.2	<10	210	0.63	0.12	4.52	14.00	31.9	6.6	48
ZZ30331		0.24	0.029	1.52	0.87	531	<0.2	<10	320	0.78	0.14	5.20	25.7	25.2	7.2	43
ZZ30332		0.28	0.010	1.95	1.14	499	<0.2	<10	400	0.75	0.18	2.90	11.95	24.7	8.4	36
ZZ30333		0.19	0.005	0.66	1.13	71.7	<0.2	<10	580	0.66	0.19	1.46	1.36	16.30	9.0	24
ZZ30334		0.21	0.003	0.80	1.07	50.8	<0.2	<10	790	0.50	0.17	2.51	0.47	14.40	8.1	22
ZZ30335		0.23	0.037	0.23	0.86	44.3	<0.2	<10	380	0.36	0.15	4.09	1.49	11.75	5.5	16
ZZ30336		0.31	0.003	0.27	1.42	64.3	<0.2	<10	350	0.55	0.24	0.77	1.13	26.7	7.5	29
ZZ30337		0.17	0.003	0.39	0.64	84.2	<0.2	<10	710	0.33	0.08	4.21	3.29	6.41	4.9	12
ZZ30338		0.34	0.002	0.31	1.67	64.1	<0.2	<10	500	0.75	0.22	0.91	0.54	22.3	8.6	28
ZZ30339		0.31	0.002	0.21	1.13	23.7	<0.2	<10	720	0.39	0.21	1.91	3.86	15.35	7.3	20
ZZ30340		0.24	0.002	0.31	1.57	42.5	<0.2	<10	520	0.56	0.23	1.87	3.22	16.70	8.9	24
ZZ30341		0.24	0.003	0.28	1.20	54.7	<0.2	<10	590	0.44	0.19	1.97	1.02	14.70	9.8	28
ZZ30342		0.25	0.001	0.34	1.38	38.1	<0.2	<10	520	0.52	0.19	1.49	1.11	17.85	9.8	27
ZZ30343		0.28	0.003	0.33	1.37	81.8	<0.2	<10	420	0.55	0.19	1.81	1.07	17.20	9.0	27
ZZ30344		0.23	0.008	0.21	0.71	38.1	<0.2	<10	380	0.33	0.09	4.41	1.71	8.90	5.0	15
ZZ30345		0.21	0.004	0.61	0.93	62.4	<0.2	10	510	0.62	0.13	3.86	1.07	11.90	7.8	27
ZZ30346		0.19	0.007	0.33	0.41	25.4	<0.2	10	540	0.27	0.05	5.20	1.85	3.98	2.9	10
ZZ30347		0.25	0.009	0.52	1.39	135.5	<0.2	<10	510	0.68	0.19	1.35	2.74	29.1	11.1	33
ZZ30348		0.21	0.003	0.38	0.85	34.0	<0.2	<10	470	0.38	0.15	2.82	1.13	11.75	7.1	18
ZZ30349		0.14	0.004	0.21	0.92	26.0	<0.2	<10	380	0.60	0.16	2.52	1.01	13.75	9.0	20
ZZ30350		0.39	0.003	0.27	1.33	21.1	<0.2	<10	400	0.87	0.25	1.75	0.84	23.2	16.7	26

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Finalized Date: 26-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30311		0.55	33.7	2.75	4.23	0.07	0.09	0.15	0.035	0.13	10.9	15.9	0.45	322	3.98	<0.01
ZZ30312		0.38	36.8	2.28	3.00	0.07	0.06	0.27	0.027	0.08	9.1	9.0	0.41	344	4.70	<0.01
ZZ30313		0.32	28.0	2.31	2.65	0.06	0.06	0.65	0.027	0.06	8.4	8.6	0.28	407	2.55	<0.01
ZZ30314		0.38	29.7	2.94	3.24	0.06	0.06	0.76	0.032	0.09	10.1	12.1	0.48	348	2.76	<0.01
ZZ30315		0.36	28.7	2.93	2.37	0.05	0.06	1.61	0.036	0.08	7.8	9.1	0.56	425	1.67	<0.01
ZZ30316		0.74	15.8	3.35	4.67	<0.05	0.05	0.37	0.035	0.09	11.0	14.8	1.28	634	1.13	<0.01
ZZ30317		0.65	37.7	3.59	2.39	0.06	0.05	1.09	0.040	0.12	10.3	11.7	0.37	482	1.23	<0.01
ZZ30318		0.67	27.0	2.57	2.34	<0.05	0.05	0.54	0.028	0.09	5.8	10.0	0.40	350	1.26	<0.01
ZZ30319		0.82	32.5	3.12	2.19	<0.05	0.05	0.56	0.036	0.10	5.2	12.6	0.38	376	1.02	<0.01
ZZ30320		0.78	26.8	2.45	2.18	<0.05	0.06	0.57	0.031	0.11	5.7	10.3	0.35	386	0.89	0.01
ZZ30321		1.89	36.8	2.98	2.48	<0.05	0.06	0.37	0.037	0.12	4.4	18.2	0.48	685	0.99	<0.01
ZZ30322		1.78	30.3	3.06	2.18	<0.05	0.05	0.71	0.035	0.09	6.2	11.2	1.51	436	1.11	<0.01
ZZ30323		0.99	33.7	3.19	2.66	<0.05	0.06	0.98	0.037	0.10	7.0	11.1	0.58	488	1.10	<0.01
ZZ30324		0.46	16.3	2.48	3.13	<0.05	0.04	0.08	0.030	0.08	20.1	5.2	0.14	352	3.45	<0.01
ZZ30325		0.37	17.4	2.47	2.83	<0.05	0.06	0.08	0.029	0.08	17.5	5.2	0.16	538	3.04	<0.01
ZZ30326		0.55	22.6	2.74	2.48	0.05	0.07	0.09	0.034	0.10	21.4	4.9	0.11	183	4.06	<0.01
ZZ30327		1.05	40.8	2.77	3.03	0.09	0.08	0.22	0.034	0.12	22.4	5.5	0.36	374	11.80	<0.01
ZZ30328		1.18	43.3	2.21	3.08	0.06	0.07	0.31	0.030	0.12	23.4	5.3	0.12	455	7.39	<0.01
ZZ30329		0.83	57.2	2.71	3.73	0.10	0.08	1.72	0.032	0.10	28.4	5.9	0.24	929	19.70	<0.01
ZZ30330		0.67	48.8	1.58	2.42	0.07	0.06	1.63	0.021	0.07	32.4	3.4	0.15	383	7.62	<0.01
ZZ30331		1.36	99.2	1.83	2.88	0.10	0.06	1.40	0.032	0.09	26.6	5.8	0.44	284	26.6	<0.01
ZZ30332		1.47	60.0	2.39	3.61	0.07	0.07	3.35	0.033	0.09	23.0	8.6	0.29	400	9.00	<0.01
ZZ30333		1.35	29.0	2.49	3.31	<0.05	0.06	0.25	0.032	0.08	11.0	10.3	0.28	299	1.93	0.01
ZZ30334		1.36	27.2	2.09	2.96	<0.05	0.06	0.29	0.030	0.06	11.1	7.3	0.22	375	1.09	0.01
ZZ30335		1.21	13.2	1.48	2.69	<0.05	0.05	0.17	0.023	0.04	14.5	3.0	0.08	315	0.96	<0.01
ZZ30336		1.44	15.5	2.83	4.54	0.07	0.04	0.17	0.032	0.05	21.0	11.3	0.17	358	2.13	<0.01
ZZ30337		1.19	27.5	1.10	1.74	<0.05	0.05	0.27	0.016	0.05	6.1	2.4	0.08	781	1.09	<0.01
ZZ30338		1.66	19.4	2.96	4.67	<0.05	0.04	0.15	0.035	0.06	13.1	12.4	0.29	445	2.17	<0.01
ZZ30339		1.20	16.0	2.26	4.21	<0.05	0.03	0.08	0.027	0.07	10.1	7.0	0.12	366	1.70	0.01
ZZ30340		2.48	15.5	2.38	5.22	<0.05	0.04	0.12	0.032	0.07	14.6	7.6	0.19	1200	1.38	<0.01
ZZ30341		1.97	23.1	2.50	3.76	<0.05	0.03	0.13	0.028	0.08	9.0	11.2	0.27	423	2.58	<0.01
ZZ30342		1.22	25.2	2.65	4.08	<0.05	0.04	0.11	0.029	0.07	11.5	11.8	0.31	541	1.98	0.01
ZZ30343		1.62	22.8	2.43	4.12	<0.05	0.04	0.21	0.029	0.07	16.7	9.5	0.22	377	2.37	<0.01
ZZ30344		0.74	15.8	1.11	2.02	<0.05	0.04	0.18	0.016	0.05	9.0	3.7	0.12	205	1.31	0.01
ZZ30345		0.89	23.5	1.68	2.61	<0.05	0.06	0.44	0.022	0.07	14.9	6.0	0.17	366	1.17	0.01
ZZ30346		0.82	17.3	0.60	1.01	<0.05	0.04	0.26	0.010	0.03	6.5	1.7	0.06	240	0.58	0.01
ZZ30347		1.32	19.0	3.05	3.52	0.09	0.07	0.30	0.044	0.07	21.0	10.7	0.12	720	3.92	<0.01
ZZ30348		0.60	18.9	2.01	2.59	<0.05	0.04	0.25	0.027	0.07	7.7	4.5	0.16	365	1.19	<0.01
ZZ30349		0.47	16.7	2.32	2.60	<0.05	0.05	0.20	0.029	0.07	8.2	9.3	0.25	353	1.17	<0.01
ZZ30350		1.32	34.8	3.80	4.24	0.07	0.08	0.26	0.041	0.13	10.7	23.6	0.87	527	2.30	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ30311		0.43	35.8	970	12.9	9.7	0.002	0.07	2.21	4.2	2.5	0.5	55.7	<0.01	0.03	1.7
ZZ30312		0.41	55.1	1200	10.0	7.1	0.002	0.08	2.19	3.2	4.0	0.5	75.8	<0.01	0.06	0.9
ZZ30313		0.41	37.9	760	13.7	5.3	0.002	0.07	1.42	2.9	2.0	0.4	72.5	<0.01	0.06	0.9
ZZ30314		0.49	37.4	830	16.2	6.3	0.001	0.04	1.34	4.0	2.2	0.5	55.1	<0.01	0.05	1.7
ZZ30315		0.36	30.9	590	18.3	5.3	0.001	0.03	1.01	4.8	1.6	0.5	53.6	<0.01	0.03	2.4
ZZ30316		0.68	20.2	510	21.1	9.5	<0.001	0.02	0.68	4.9	0.8	0.6	24.4	<0.01	0.03	2.9
ZZ30317		0.30	30.5	640	18.3	7.0	0.001	0.04	0.58	6.2	1.5	0.5	72.2	<0.01	0.03	2.4
ZZ30318		0.39	23.3	660	15.2	6.9	0.001	0.08	0.74	3.8	1.3	0.4	81.8	<0.01	0.03	1.4
ZZ30319		0.26	26.8	580	18.0	6.9	0.001	0.07	0.60	5.7	1.0	0.4	54.6	<0.01	0.04	2.1
ZZ30320		0.28	22.8	630	14.8	7.7	0.001	0.10	0.55	4.7	0.8	0.4	65.1	<0.01	0.03	1.7
ZZ30321		0.24	29.2	640	19.0	8.8	0.001	0.05	0.54	7.5	0.8	0.4	41.0	<0.01	0.04	3.2
ZZ30322		0.25	23.6	760	22.0	7.3	0.001	0.06	0.64	5.6	1.1	0.4	57.8	<0.01	0.03	2.3
ZZ30323		0.35	28.2	530	22.4	7.4	0.001	0.06	0.64	5.8	1.5	0.4	52.3	<0.01	0.03	2.7
ZZ30324		0.39	22.8	1440	14.4	9.9	<0.001	0.12	1.67	2.0	1.2	0.3	70.1	<0.01	0.03	0.7
ZZ30325		0.37	27.1	1590	14.3	8.2	0.001	0.15	2.00	1.9	1.7	0.3	58.5	0.01	0.03	0.8
ZZ30326		0.24	33.9	1030	13.5	9.6	0.001	0.06	3.00	3.9	2.0	0.3	43.5	<0.01	0.04	1.8
ZZ30327		0.36	75.8	1300	17.4	10.0	0.001	0.10	7.25	2.6	2.6	0.4	39.3	0.01	0.07	1.0
ZZ30328		0.34	57.7	1100	16.3	13.0	0.001	0.07	5.15	3.5	2.9	0.5	30.4	0.01	0.07	1.1
ZZ30329		0.49	140.5	2080	49.3	7.7	0.001	0.18	6.38	5.2	4.1	0.6	43.5	0.01	0.07	0.5
ZZ30330		0.31	118.0	1640	38.9	6.2	0.001	0.17	5.24	2.5	4.1	0.4	54.4	0.01	0.05	0.4
ZZ30331		0.35	239	1700	32.6	8.0	0.003	0.11	9.27	3.6	8.3	0.5	68.7	0.01	0.09	0.5
ZZ30332		0.54	129.0	1780	188.5	10.2	0.003	0.11	6.02	4.0	4.7	0.5	49.1	0.01	0.06	0.7
ZZ30333		0.51	38.8	1180	16.4	13.5	0.001	0.09	1.11	3.7	2.4	0.4	38.8	<0.01	0.07	1.2
ZZ30334		0.48	30.7	1030	12.1	8.0	0.001	0.12	0.85	2.5	3.1	0.4	43.4	0.01	0.06	0.6
ZZ30335		0.42	12.8	1170	10.6	5.3	<0.001	0.14	0.56	1.8	1.9	0.3	40.7	0.01	0.06	0.3
ZZ30336		0.93	24.5	820	16.3	8.6	0.001	0.04	0.88	3.7	1.7	0.5	21.2	0.01	0.07	1.7
ZZ30337		0.30	20.0	900	5.8	6.4	<0.001	0.16	0.78	1.4	2.5	0.2	48.2	<0.01	0.03	0.3
ZZ30338		0.65	29.3	660	16.1	9.9	<0.001	0.04	0.82	3.9	1.6	0.5	21.3	<0.01	0.06	1.3
ZZ30339		0.88	15.5	800	13.7	8.3	<0.001	0.08	0.60	2.5	1.1	0.5	38.1	<0.01	0.03	0.6
ZZ30340		0.84	17.8	890	15.1	9.3	<0.001	0.08	0.65	2.9	1.3	0.6	34.1	0.01	0.04	0.6
ZZ30341		0.73	31.0	580	13.7	12.5	0.001	0.06	0.92	2.9	2.1	0.5	36.9	<0.01	0.03	0.8
ZZ30342		0.73	29.8	560	13.2	10.7	0.001	0.05	0.73	3.6	2.0	0.5	32.0	<0.01	0.04	1.3
ZZ30343		0.68	38.2	1030	13.0	11.9	0.001	0.08	1.07	3.0	3.0	0.5	40.8	0.01	0.03	0.5
ZZ30344		0.37	25.6	780	6.3	6.1	0.001	0.14	0.56	1.6	2.5	0.3	56.8	<0.01	0.02	0.3
ZZ30345		0.39	34.2	1260	9.3	7.3	0.005	0.12	0.83	2.3	4.7	0.3	58.8	0.01	0.04	0.5
ZZ30346		0.16	14.1	1080	3.6	3.8	0.004	0.20	0.39	0.9	5.3	<0.2	58.7	<0.01	0.02	0.2
ZZ30347		0.43	41.8	1400	48.6	14.9	0.001	0.06	1.17	5.0	3.3	0.5	34.8	0.01	0.07	1.9
ZZ30348		0.36	17.8	900	17.6	9.4	0.001	0.09	0.59	2.4	2.2	0.4	43.4	<0.01	0.03	0.6
ZZ30349		0.34	21.8	760	17.2	7.1	0.001	0.09	0.54	3.1	1.3	0.4	37.8	<0.01	0.04	1.1
ZZ30350		0.39	39.5	980	21.4	10.6	0.001	0.06	0.91	6.3	1.4	0.5	41.7	<0.01	0.04	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ30311		<0.005	0.22	1.57	66	<0.05	12.30	192	2.9
ZZ30312		<0.005	0.15	2.10	131	0.05	17.05	287	2.0
ZZ30313		<0.005	0.13	2.71	70	0.06	14.35	153	1.9
ZZ30314		<0.005	0.15	1.99	72	0.07	13.00	168	1.8
ZZ30315		<0.005	0.11	1.65	37	0.07	11.30	115	1.9
ZZ30316		0.006	0.13	2.41	54	0.10	10.60	92	1.6
ZZ30317		<0.005	0.18	1.50	25	0.07	15.80	88	1.2
ZZ30318		<0.005	0.12	1.81	29	0.05	9.29	123	1.5
ZZ30319		<0.005	0.14	1.22	22	0.05	10.55	110	1.6
ZZ30320		<0.005	0.13	1.30	22	0.06	10.35	91	1.6
ZZ30321		<0.005	0.10	1.06	20	<0.05	10.25	95	1.8
ZZ30322		<0.005	0.13	1.95	19	0.05	11.35	115	1.4
ZZ30323		<0.005	0.16	1.71	23	0.05	12.10	118	1.9
ZZ30324		0.006	0.23	1.68	59	0.09	17.45	127	0.9
ZZ30325		0.006	0.24	1.76	61	0.08	16.40	197	1.3
ZZ30326		<0.005	0.25	2.16	88	0.08	21.9	245	1.4
ZZ30327		0.005	0.37	2.59	250	0.21	34.5	736	1.7
ZZ30328		0.007	1.38	3.93	473	0.24	37.1	652	1.6
ZZ30329		0.007	11.60	5.41	372	0.33	67.4	1470	1.7
ZZ30330		0.006	3.96	4.81	281	0.32	58.7	1080	1.4
ZZ30331		0.006	2.42	7.50	510	0.47	59.4	2160	1.3
ZZ30332		0.008	6.77	4.98	451	0.26	42.4	1200	1.4
ZZ30333		0.008	0.30	1.90	57	0.17	21.0	246	1.6
ZZ30334		0.006	0.25	2.95	50	0.10	22.9	125	1.3
ZZ30335		0.007	0.18	2.34	37	0.09	29.3	72	1.0
ZZ30336		0.013	0.24	1.67	68	0.24	30.6	126	0.8
ZZ30337		0.005	0.18	2.65	26	0.08	16.55	152	1.6
ZZ30338		0.009	0.22	1.30	61	0.15	16.20	125	0.8
ZZ30339		0.017	0.13	2.57	56	0.14	10.00	126	0.7
ZZ30340		0.016	0.22	3.09	67	0.18	19.15	148	0.8
ZZ30341		0.010	0.26	2.19	57	0.16	10.05	126	1.0
ZZ30342		0.011	0.18	1.51	52	0.13	12.75	125	1.0
ZZ30343		0.013	0.18	3.14	59	0.15	28.3	152	0.7
ZZ30344		0.007	0.11	2.44	30	0.06	16.55	120	1.2
ZZ30345		0.005	0.16	4.34	43	0.09	35.2	117	1.5
ZZ30346		<0.005	0.07	3.98	19	<0.05	15.15	54	1.4
ZZ30347		<0.005	0.33	2.43	70	0.38	36.9	421	1.3
ZZ30348		<0.005	0.13	2.46	36	0.06	12.75	130	1.0
ZZ30349		<0.005	0.13	1.27	35	0.08	14.00	146	1.4
ZZ30350		0.006	0.18	0.92	49	0.07	13.45	166	2.2

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30351	0.20	0.003	0.19	1.42	12.0	<0.2	<10	510	0.76	0.20	1.64	0.60	9.07	10.7	23
ZZ30352	0.16	0.003	0.17	1.27	11.6	<0.2	<10	400	0.71	0.18	1.58	0.36	8.51	10.7	21
ZZ30353	0.18	0.004	0.16	1.40	12.5	<0.2	<10	350	0.75	0.20	1.24	0.30	8.31	11.2	24
ZZ30354	0.15	0.004	0.13	1.26	14.1	<0.2	<10	410	0.79	0.19	1.72	0.56	8.51	11.1	21
ZZ30355	0.25	0.003	0.25	1.02	29.3	<0.2	10	480	0.76	0.20	2.12	1.10	18.70	11.7	22
ZZ30356	0.26	0.002	0.26	1.08	29.8	<0.2	<10	540	0.73	0.18	2.31	0.72	19.00	9.1	24
ZZ30357	0.19	0.004	0.28	0.84	66.5	<0.2	<10	310	0.61	0.17	1.87	1.38	12.85	9.0	20
ZZ30358	0.23	0.008	0.59	0.77	89.7	<0.2	10	520	0.76	0.17	3.13	1.06	8.93	7.3	21
ZZ30359	0.20	0.003	0.32	0.60	25.2	<0.2	10	340	0.48	0.08	5.59	1.86	8.07	4.5	15
ZZ30360	0.15	0.004	0.06	0.31	5.6	<0.2	<10	150	0.15	0.04	5.87	0.84	3.11	1.5	4
ZZ30361	0.37	0.002	0.14	1.53	50.5	<0.2	<10	260	0.74	0.21	0.64	1.09	24.3	10.9	31
ZZ30362	0.14	0.003	0.40	0.91	55.1	<0.2	10	470	0.48	0.14	4.14	1.26	11.35	6.3	19
ZZ30363	0.30	0.004	0.38	1.18	53.0	<0.2	<10	330	0.71	0.21	1.21	0.86	23.5	14.4	25
ZZ30364	0.23	0.003	0.47	1.16	102.5	<0.2	<10	520	0.67	0.19	2.18	0.67	14.15	9.7	25
ZZ30365	0.31	0.003	0.68	1.28	153.5	<0.2	10	610	0.83	0.20	2.61	2.77	15.75	9.9	24
ZZ30366	0.17	0.002	0.33	1.00	189.0	<0.2	<10	450	0.79	0.23	2.67	2.38	15.35	10.1	22
ZZ30367	0.23	0.007	0.65	1.04	57.5	<0.2	<10	630	0.65	0.16	2.85	1.08	12.25	7.9	20
ZZ30368	0.18	0.002	0.15	0.85	48.8	<0.2	<10	500	0.42	0.23	2.98	10.30	15.95	8.7	17
ZZ30369	0.33	0.002	0.05	0.51	131.0	<0.2	<10	80	0.16	0.16	0.13	0.70	10.70	5.0	21
ZZ30370	0.26	0.002	0.06	1.06	30.6	<0.2	<10	180	0.31	0.24	0.25	0.98	21.2	6.2	19
ZZ30371	0.18	0.002	0.28	1.17	37.7	<0.2	<10	420	0.62	0.16	2.79	1.49	13.30	8.1	18
ZZ30372	0.17	0.003	0.55	1.28	41.5	<0.2	<10	530	0.79	0.18	2.89	1.11	15.25	9.3	23
ZZ30373	0.19	0.003	0.44	1.20	46.1	<0.2	<10	360	0.69	0.19	3.03	1.50	16.15	9.2	21
ZZ30374	0.24	0.004	0.61	1.19	42.0	<0.2	<10	480	0.78	0.20	3.00	1.19	15.85	10.9	21
ZZ30376	0.24	0.005	0.66	0.70	20.3	<0.2	10	610	0.47	0.12	3.93	0.61	7.57	5.4	12
ZZ30377	0.16	0.006	0.53	1.05	37.3	<0.2	<10	720	0.70	0.17	3.52	1.25	14.55	8.9	19
ZZ30378	0.18	0.015	1.33	1.01	175.5	<0.2	<10	510	0.72	0.15	3.19	7.17	22.0	7.2	33
ZZ30379	0.23	0.005	1.88	0.64	402	<0.2	10	420	0.80	0.14	4.90	11.70	34.7	7.6	45
ZZ30380	0.24	0.003	0.87	0.98	778	<0.2	<10	180	1.11	0.19	3.37	18.25	33.2	18.4	32
ZZ30381	0.30	0.004	2.81	0.58	346	<0.2	<10	170	0.99	0.16	2.77	12.85	33.1	8.9	29
ZZ30382	0.36	0.001	0.24	1.09	176.0	<0.2	<10	230	1.08	0.21	1.13	3.35	44.9	10.7	17
ZZ30383	0.34	0.002	0.42	0.79	280	<0.2	<10	180	0.77	0.18	0.63	3.01	44.5	8.9	16
ZZ30384	0.22	0.005	1.80	0.69	177.0	<0.2	<10	230	0.78	0.16	2.59	6.67	30.3	8.0	37
ZZ30385	0.29	0.002	1.77	0.81	48.5	<0.2	<10	220	1.06	0.19	1.71	9.89	30.5	9.7	23
ZZ30386	0.40	0.003	0.52	1.40	39.0	<0.2	<10	280	1.30	0.28	1.11	2.29	35.5	16.1	24
ZZ30387	0.42	0.002	1.30	0.79	27.8	<0.2	<10	210	1.02	0.21	3.42	5.13	32.6	11.2	15
ZZ30388	0.43	0.002	1.73	0.54	28.4	<0.2	<10	270	1.20	0.19	2.50	14.25	38.6	14.7	11
ZZ30389	0.31	0.001	0.52	1.25	16.4	<0.2	<10	220	0.68	0.21	2.45	10.35	22.8	7.7	19
ZZ30390	0.26	0.002	0.76	0.96	17.7	<0.2	<10	250	0.67	0.18	3.25	14.85	32.1	8.8	17
ZZ30391	0.25	0.002	1.00	0.81	10.5	<0.2	<10	210	0.68	0.19	1.63	3.58	41.9	10.5	15

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30351		0.57	25.3	2.94	4.13	<0.05	0.06	0.08	0.034	0.08	4.4	21.8	0.35	313	1.31	0.01
ZZ30352		0.51	22.4	2.61	3.75	<0.05	0.05	0.09	0.029	0.07	4.0	18.2	0.31	244	1.24	<0.01
ZZ30353		0.67	23.3	3.08	4.27	<0.05	0.05	0.09	0.035	0.09	3.6	23.7	0.36	307	1.47	0.01
ZZ30354		0.50	23.1	2.90	3.76	<0.05	0.06	0.09	0.033	0.09	4.5	20.2	0.33	299	1.36	0.01
ZZ30355		0.64	31.1	2.90	3.35	<0.05	0.06	0.32	0.032	0.09	10.1	15.1	0.64	425	1.55	0.01
ZZ30356		0.39	20.1	2.65	3.29	<0.05	0.06	0.23	0.030	0.06	13.1	13.4	0.34	352	1.53	0.01
ZZ30357		0.51	21.7	2.31	2.50	<0.05	0.06	0.25	0.031	0.07	9.7	9.2	0.19	267	1.42	0.01
ZZ30358		0.81	39.1	1.98	2.21	<0.05	0.07	0.49	0.030	0.08	13.7	3.2	0.06	438	2.20	<0.01
ZZ30359		0.89	19.4	0.90	1.66	<0.05	0.05	0.30	0.013	0.04	14.1	3.2	0.10	348	0.84	0.01
ZZ30360		0.22	11.5	0.32	0.75	<0.05	0.03	0.11	0.005	0.02	3.0	0.5	0.03	54	0.69	0.01
ZZ30361		0.84	22.6	3.04	4.29	0.05	0.06	0.13	0.031	0.06	16.7	16.3	0.31	401	3.16	<0.01
ZZ30362		1.59	23.1	1.50	2.63	<0.05	0.05	0.22	0.020	0.05	14.4	5.5	0.14	618	2.42	0.01
ZZ30363		0.89	33.8	2.96	3.54	<0.05	0.06	0.24	0.030	0.07	12.2	18.8	0.43	571	2.12	<0.01
ZZ30364		0.78	25.4	2.31	3.63	<0.05	0.06	0.30	0.030	0.08	12.9	8.9	0.22	365	2.81	<0.01
ZZ30365		1.09	26.9	2.46	3.65	<0.05	0.05	0.35	0.032	0.09	12.3	10.2	0.21	485	2.92	0.01
ZZ30366		0.71	22.6	2.49	2.87	0.06	0.07	0.33	0.035	0.08	21.2	7.4	0.20	377	2.18	<0.01
ZZ30367		1.46	28.1	1.87	2.87	<0.05	0.07	0.29	0.028	0.07	14.3	6.0	0.13	283	2.02	0.01
ZZ30368		0.71	17.9	1.60	3.81	<0.05	0.03	0.14	0.023	0.03	15.1	4.5	0.08	705	0.96	<0.01
ZZ30369		0.68	19.0	1.81	3.45	<0.05	<0.02	0.13	0.016	0.04	9.8	3.6	0.06	101	4.95	<0.01
ZZ30370		0.79	15.0	1.95	5.02	<0.05	<0.02	0.03	0.021	0.04	11.2	8.7	0.13	172	2.37	<0.01
ZZ30371		0.83	22.5	1.90	3.34	<0.05	0.05	0.27	0.023	0.05	9.4	7.4	0.20	526	1.37	0.01
ZZ30372		0.99	29.6	2.26	3.67	<0.05	0.06	0.30	0.029	0.08	14.7	9.0	0.23	483	1.80	0.01
ZZ30373		1.15	21.9	2.14	3.62	<0.05	0.05	0.22	0.026	0.07	12.8	8.0	0.19	658	2.05	0.01
ZZ30374		1.08	30.5	2.38	3.60	<0.05	0.06	0.23	0.031	0.08	13.3	10.0	0.23	507	1.75	<0.01
ZZ30376		1.00	36.2	1.44	1.92	<0.05	0.06	0.20	0.021	0.06	8.8	4.4	0.11	184	1.43	0.01
ZZ30377		0.76	32.2	2.04	2.95	<0.05	0.06	0.21	0.027	0.07	13.5	7.6	0.20	418	1.88	0.01
ZZ30378		1.52	37.3	1.58	3.30	<0.05	0.06	0.42	0.024	0.05	20.4	7.3	0.21	290	2.93	0.01
ZZ30379		0.93	47.8	1.79	2.42	0.07	0.07	0.80	0.022	0.09	35.5	4.5	0.46	292	18.05	0.01
ZZ30380		0.97	33.1	4.04	3.10	0.09	0.07	0.51	0.029	0.10	25.2	6.8	0.59	494	41.0	0.01
ZZ30381		1.25	43.8	2.35	2.29	0.08	0.06	0.44	0.029	0.11	27.2	5.1	0.65	188	20.4	<0.01
ZZ30382		0.52	15.0	2.83	3.12	0.07	0.05	0.06	0.033	0.11	26.1	5.7	0.12	357	3.63	<0.01
ZZ30383		0.65	16.1	2.69	2.32	<0.05	0.05	0.09	0.032	0.09	14.0	5.4	0.11	349	3.99	<0.01
ZZ30384		0.69	44.2	1.92	2.75	<0.05	0.08	0.30	0.026	0.11	24.8	4.8	0.36	290	5.90	<0.01
ZZ30385		0.43	44.8	2.34	2.69	0.06	0.08	0.24	0.031	0.11	22.1	5.7	0.16	341	8.11	<0.01
ZZ30386		0.91	33.8	3.97	4.26	0.08	0.09	0.12	0.040	0.11	19.7	12.2	0.31	730	5.07	<0.01
ZZ30387		0.59	27.9	3.40	2.50	0.09	0.11	0.16	0.040	0.11	21.9	5.5	1.25	335	8.64	<0.01
ZZ30388		1.85	34.2	3.23	1.90	0.12	0.11	0.16	0.043	0.14	28.6	3.5	0.84	308	11.15	<0.01
ZZ30389		0.76	21.6	2.80	3.34	<0.05	0.04	0.08	0.030	0.09	21.6	6.1	0.25	485	3.15	<0.01
ZZ30390		0.72	21.3	2.81	2.63	<0.05	0.05	0.11	0.031	0.10	19.2	4.9	0.47	507	5.07	<0.01
ZZ30391		0.25	20.8	2.92	2.40	0.08	0.07	0.10	0.034	0.13	25.8	5.6	0.21	365	3.77	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ30351		0.24	35.7	790	14.0	8.8	0.001	0.09	0.61	4.1	1.1	0.5	35.1	<0.01	0.03	1.7
ZZ30352		0.24	31.9	700	13.3	8.3	0.001	0.09	0.49	3.8	0.9	0.4	28.3	<0.01	0.03	1.8
ZZ30353		0.24	34.4	690	15.3	9.3	0.001	0.09	0.49	4.4	1.0	0.5	33.3	<0.01	0.04	2.0
ZZ30354		0.23	34.2	680	14.9	8.1	0.001	0.10	0.52	4.0	0.9	0.4	34.6	<0.01	0.03	1.6
ZZ30355		0.46	31.8	850	18.1	7.5	0.006	0.08	0.87	4.7	1.7	0.4	38.9	<0.01	0.03	2.3
ZZ30356		0.41	27.5	630	17.9	6.2	0.001	0.06	0.66	3.5	1.4	0.4	43.9	<0.01	0.03	1.0
ZZ30357		0.32	28.6	880	21.8	7.6	0.004	0.09	0.64	3.2	2.6	0.4	29.4	<0.01	0.04	1.1
ZZ30358		0.20	37.4	920	14.7	7.1	0.001	0.09	0.87	3.1	3.7	0.4	45.5	0.01	0.04	0.5
ZZ30359		0.29	20.3	1290	5.5	5.3	0.005	0.14	0.51	1.1	3.3	0.2	72.3	0.01	0.02	0.2
ZZ30360		0.21	7.4	810	1.7	0.8	0.001	0.19	0.30	0.4	1.3	<0.2	64.8	0.01	0.02	<0.2
ZZ30361		0.82	34.4	550	15.7	9.3	0.001	0.03	0.81	5.7	2.9	0.5	21.0	0.01	0.04	2.6
ZZ30362		0.52	29.4	740	9.2	11.4	0.002	0.12	0.83	1.9	4.1	0.3	64.0	0.01	0.03	0.2
ZZ30363		0.54	41.6	640	15.5	6.5	0.001	0.04	0.88	5.3	2.5	0.4	30.5	<0.01	0.04	1.9
ZZ30364		0.57	34.8	760	15.2	7.1	0.001	0.07	1.00	3.9	2.6	0.5	39.4	0.01	0.04	0.9
ZZ30365		0.45	35.9	840	16.4	9.0	0.001	0.09	1.22	2.8	2.3	0.5	37.1	0.01	0.05	0.5
ZZ30366		0.43	32.2	950	17.3	9.8	0.001	0.09	1.31	3.4	2.1	0.4	37.6	0.01	0.12	0.7
ZZ30367		0.48	29.5	940	12.0	8.7	0.001	0.12	1.05	2.7	2.4	0.4	46.7	0.01	0.05	0.6
ZZ30368		0.90	13.9	910	12.9	5.1	0.001	0.09	0.52	1.9	0.9	0.5	39.1	0.01	0.04	0.3
ZZ30369		0.75	31.3	450	11.3	7.5	0.001	0.02	1.05	1.4	16.7	0.5	33.0	<0.01	0.03	0.8
ZZ30370		0.75	19.7	250	14.7	6.5	<0.001	0.01	0.63	2.4	1.1	0.7	14.6	<0.01	0.03	2.1
ZZ30371		0.59	20.2	1070	12.4	6.4	0.001	0.13	0.78	2.0	1.5	0.4	42.8	0.01	0.04	0.5
ZZ30372		0.58	29.8	1100	14.0	8.8	0.001	0.11	1.03	2.5	2.0	0.4	43.5	0.01	0.05	0.5
ZZ30373		0.65	25.6	960	13.5	8.9	0.001	0.10	1.00	2.5	1.8	0.4	42.4	0.01	0.05	0.5
ZZ30374		0.58	31.5	980	14.2	9.2	0.001	0.11	1.04	2.9	2.3	0.4	41.8	0.01	0.06	0.6
ZZ30376		0.31	28.9	1000	7.9	6.7	0.001	0.16	1.06	1.8	2.4	0.3	61.7	<0.01	0.05	0.3
ZZ30377		0.52	30.2	1210	13.5	7.2	0.001	0.14	1.21	1.9	2.2	0.4	52.9	0.01	0.05	0.3
ZZ30378		0.55	88.0	1520	18.1	7.3	0.006	0.16	3.44	1.8	6.2	0.4	55.4	0.01	0.06	0.4
ZZ30379		0.30	122.5	1690	40.1	6.6	0.003	0.17	7.43	2.0	7.6	0.4	60.9	0.01	0.06	0.4
ZZ30380		0.46	266	1230	62.0	8.8	0.002	0.10	8.57	4.0	3.6	0.5	44.5	0.01	0.06	1.0
ZZ30381		0.28	116.0	820	35.6	9.0	0.002	0.06	9.79	3.6	3.4	0.4	41.9	0.01	0.08	1.1
ZZ30382		0.40	30.3	630	15.3	8.8	<0.001	0.05	1.62	3.6	1.0	0.4	87.5	<0.01	0.02	1.5
ZZ30383		0.24	37.6	670	16.2	9.7	0.001	0.04	2.75	2.5	1.1	0.3	42.3	<0.01	0.03	1.3
ZZ30384		0.35	62.3	1670	14.5	8.4	0.001	0.13	5.07	2.8	2.8	0.5	55.7	0.01	0.07	0.9
ZZ30385		0.35	63.5	1260	15.8	8.9	0.001	0.09	5.46	2.5	2.7	0.4	34.9	0.01	0.07	0.9
ZZ30386		0.46	44.3	790	30.6	10.4	0.001	0.04	2.48	4.4	1.4	0.5	28.8	<0.01	0.05	2.2
ZZ30387		0.27	52.0	1120	20.4	8.0	0.001	0.08	6.70	4.3	3.5	0.4	42.1	0.01	0.03	1.8
ZZ30388		0.18	70.0	610	17.1	9.1	0.001	0.07	12.55	4.7	4.3	0.4	36.4	0.01	0.04	1.9
ZZ30389		0.55	27.0	1910	18.1	12.4	<0.001	0.14	3.37	2.0	1.6	0.4	45.2	0.01	0.03	0.7
ZZ30390		0.41	38.6	1600	16.8	11.5	0.001	0.13	5.47	2.1	2.1	0.4	75.0	<0.01	0.04	0.7
ZZ30391		0.23	35.3	950	13.0	7.9	<0.001	0.09	3.04	3.1	1.6	0.3	62.1	<0.01	0.03	1.4

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30351		<0.005	0.11	0.99	38	<0.05	11.10	123	1.4
ZZ30352		<0.005	0.10	0.92	36	0.05	9.93	96	1.4
ZZ30353		<0.005	0.11	0.85	38	0.06	8.63	121	1.3
ZZ30354		<0.005	0.10	0.87	32	0.05	11.05	129	1.5
ZZ30355		0.007	0.15	0.83	41	0.13	13.40	160	1.9
ZZ30356		0.005	0.11	1.59	40	0.09	20.0	125	1.3
ZZ30357		<0.005	0.17	1.22	37	0.09	18.30	191	1.4
ZZ30358		<0.005	0.20	4.22	36	0.09	39.8	127	1.6
ZZ30359		0.005	0.07	5.23	22	0.05	31.2	58	1.2
ZZ30360		0.007	0.03	2.11	10	<0.05	6.18	11	1.3
ZZ30361		0.010	0.19	1.57	64	0.17	24.5	116	1.3
ZZ30362		0.008	0.19	2.19	43	0.08	31.0	100	1.2
ZZ30363		0.011	0.20	1.53	43	0.16	16.85	125	1.6
ZZ30364		0.006	0.22	3.10	55	0.11	23.3	131	1.4
ZZ30365		<0.005	0.30	2.39	61	0.12	23.9	201	1.0
ZZ30366		0.005	0.37	1.39	49	0.20	38.4	216	1.3
ZZ30367		0.005	0.27	2.27	44	0.12	27.8	116	1.8
ZZ30368		0.025	0.08	1.38	48	0.15	20.1	112	0.5
ZZ30369		0.019	0.14	0.68	63	0.15	4.36	123	<0.5
ZZ30370		0.012	0.13	0.64	66	0.14	4.19	87	<0.5
ZZ30371		0.009	0.12	2.14	42	0.16	15.30	77	1.3
ZZ30372		0.006	0.20	2.65	52	0.12	28.2	125	1.3
ZZ30373		0.009	0.19	1.64	55	0.12	21.8	108	1.1
ZZ30374		0.007	0.20	2.23	50	0.14	24.1	138	1.5
ZZ30376		<0.005	0.17	2.31	28	0.08	23.1	84	1.7
ZZ30377		0.007	0.20	2.46	48	0.12	24.4	150	1.4
ZZ30378		0.008	0.82	9.87	274	0.20	30.6	632	1.5
ZZ30379		0.006	0.73	5.22	327	0.31	48.8	1000	1.5
ZZ30380		0.008	0.95	6.59	334	0.40	47.7	2380	1.7
ZZ30381		0.006	0.49	4.54	411	0.28	42.8	1030	1.5
ZZ30382		0.006	0.31	2.31	105	0.14	21.6	259	1.0
ZZ30383		0.005	0.29	2.29	106	0.17	12.00	353	1.0
ZZ30384		0.007	0.28	3.55	322	0.19	33.6	508	2.1
ZZ30385		0.007	0.24	5.40	275	0.15	33.2	575	1.9
ZZ30386		0.006	0.28	1.62	100	0.12	19.65	279	2.0
ZZ30387		<0.005	0.46	2.57	87	0.07	28.9	414	2.5
ZZ30388		<0.005	0.56	2.49	139	0.07	31.4	672	2.6
ZZ30389		0.009	0.19	6.50	62	0.09	22.0	419	1.0
ZZ30390		0.007	0.31	2.33	106	0.08	18.75	442	1.1
ZZ30391		<0.005	0.39	2.45	76	0.08	24.6	266	1.4

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description / Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30392	0.24	0.002	0.86	0.79	14.2	<0.2	<10	220	0.63	0.16	2.48	15.00	29.8	7.7	12
ZZ30393	0.27	0.002	0.22	1.05	16.9	<0.2	<10	180	0.52	0.19	2.18	26.6	25.2	8.4	16
ZZ30394	0.30	0.002	0.62	0.99	18.3	<0.2	<10	250	0.79	0.19	1.12	5.85	33.8	8.8	25
ZZ30395	0.39	0.003	1.12	0.57	35.0	<0.2	<10	220	0.98	0.19	5.93	5.42	30.2	12.3	15
ZZ30396	0.18	0.002	0.79	0.56	40.1	<0.2	<10	240	0.35	0.11	3.67	10.65	16.65	5.3	12
ZZ30397	0.20	0.003	1.36	0.95	98.5	<0.2	10	340	1.00	0.20	1.92	11.85	32.3	9.8	25
ZZ30398	0.41	0.003	1.02	1.17	230	<0.2	<10	280	0.99	0.20	1.17	2.35	48.0	13.1	22
ZZ30399	0.40	0.001	0.89	0.76	148.0	<0.2	<10	270	0.75	0.20	1.15	3.28	45.4	11.6	15
ZZ30400	0.25	0.001	0.58	1.07	117.5	<0.2	<10	370	0.80	0.17	3.05	6.76	35.1	10.4	17
ZZ30401	0.18	0.002	0.75	0.80	153.5	<0.2	<10	250	0.68	0.16	3.19	4.86	23.9	8.6	14
ZZ30402	0.16	0.002	1.88	0.73	292	<0.2	10	250	0.74	0.16	2.81	9.97	23.4	10.3	22
ZZ30403	0.18	0.005	2.78	0.71	421	<0.2	10	370	0.82	0.17	2.66	11.10	26.2	10.9	28
ZZ30404	0.22	0.004	2.00	0.72	295	<0.2	<10	450	0.66	0.13	2.99	15.40	19.90	8.5	25
ZZ30405	0.16	0.003	0.57	1.09	26.3	<0.2	<10	820	0.46	0.16	3.41	1.23	14.25	8.0	18
ZZ30406	0.21	0.003	0.40	0.71	18.9	<0.2	<10	760	0.40	0.10	4.65	1.98	8.59	5.3	11
ZZ30407	0.23	0.004	0.42	1.12	47.2	<0.2	<10	500	0.58	0.15	3.86	1.66	13.90	7.8	20
ZZ30408	0.23	0.006	0.27	0.90	24.0	<0.2	<10	440	0.36	0.12	3.95	0.98	10.25	6.0	15
ZZ30409	0.22	0.002	0.24	1.73	47.3	<0.2	<10	480	0.69	0.26	1.54	1.19	27.8	11.5	30
ZZ30410	0.18	0.002	0.37	1.38	31.3	<0.2	<10	520	0.47	0.20	2.69	1.66	17.60	10.5	23
ZZ30411	0.18	0.003	0.92	1.10	40.8	<0.2	10	550	0.60	0.13	4.68	1.98	10.40	7.9	21
ZZ30412	0.32	0.001	0.10	0.91	23.4	<0.2	<10	180	0.57	0.20	0.10	0.41	21.8	16.9	21
ZZ30413	0.29	0.001	0.13	1.40	12.4	<0.2	<10	1150	1.00	0.19	0.12	0.51	34.1	14.8	17
ZZ30414	0.31	0.002	0.05	1.13	20.6	<0.2	<10	200	0.73	0.24	0.07	0.47	24.1	15.3	23
ZZ30415	0.30	0.003	0.41	0.44	4	<0.2	<10	150	0.74	0.16	11.10	0.36	28.3	9.1	8
ZZ30416	0.25	0.002	1.05	1.22	19.1	<0.2	<10	230	1.03	0.21	1.34	1.65	44.3	10.1	23
ZZ30417	0.23	0.003	0.45	1.13	21.2	<0.2	<10	430	0.59	0.19	1.87	4.54	20.6	11.0	21
ZZ30418	0.31	0.003	0.41	1.03	27.6	<0.2	<10	250	1.05	0.23	0.99	3.81	31.3	14.2	22
ZZ30419	0.30	0.002	0.38	1.12	53.0	<0.2	<10	370	0.75	0.23	1.97	2.78	19.70	11.2	23
ZZ30420	0.34	0.003	0.67	1.08	91.4	<0.2	<10	270	1.00	0.21	1.39	4.25	25.4	9.3	35
ZZ30421	0.25	0.004	0.58	1.07	42.5	<0.2	<10	410	0.80	0.17	1.52	2.55	23.7	9.6	25
ZZ30422	0.24	0.003	0.73	1.10	99.8	<0.2	<10	420	0.46	0.18	1.44	2.03	19.85	7.6	22
ZZ30423	0.31	0.006	1.30	0.87	138.5	<0.2	<10	510	0.77	0.16	1.95	6.95	20.1	6.9	27
ZZ30424	0.31	0.004	0.79	0.59	131.5	<0.2	10	440	0.44	0.11	3.85	14.55	9.93	4.8	17
ZZ30425	0.30	0.005	0.83	0.61	62.9	<0.2	<10	500	0.74	0.17	1.39	6.60	12.10	7.1	13
ZZ30426	0.33	0.005	0.24	0.59	57.9	<0.2	<10	390	0.72	0.19	0.56	2.99	15.00	7.4	11
ZZ30427	0.23	0.004	1.22	0.52	66.1	<0.2	10	1110	0.65	0.18	1.66	1.74	7.85	6.1	15
ZZ30428	0.29	0.005	0.87	0.63	47.3	<0.2	10	850	0.64	0.16	2.44	4.41	10.40	6.7	18
ZZ30429	0.20	0.006	0.33	1.41	13.3	<0.2	<10	560	0.82	0.23	1.70	0.27	11.35	10.0	23
ZZ30430	0.24	0.003	0.48	1.17	13.4	<0.2	<10	550	0.72	0.22	1.61	0.39	8.23	10.8	22
ZZ30431	0.20	0.004	0.54	1.07	14.8	<0.2	<10	840	0.71	0.22	1.63	0.80	7.70	10.0	22

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ30392		0.34	22.9	2.37	2.21	<0.05	0.06	0.12	0.029	0.10	21.2	3.9	0.14	287	7.12	<0.01
ZZ30393		0.81	21.3	2.64	3.00	<0.05	0.05	0.07	0.031	0.09	9.2	8.0	0.20	409	5.72	<0.01
ZZ30394		0.92	47.1	2.83	3.17	<0.05	0.09	0.08	0.033	0.13	11.4	7.7	0.21	415	8.51	<0.01
ZZ30395		0.87	38.5	3.68	1.90	0.08	0.08	0.18	0.034	0.13	18.3	4.9	3.18	377	15.60	0.01
ZZ30396		0.62	19.0	1.54	1.67	<0.05	0.06	0.15	0.020	0.08	13.1	2.1	0.15	282	5.91	<0.01
ZZ30397		0.83	43.9	2.87	2.93	0.08	0.08	0.33	0.034	0.13	22.8	7.2	0.24	322	9.63	0.01
ZZ30398		0.85	22.6	3.14	3.37	0.10	0.07	0.17	0.036	0.11	27.4	8.3	0.20	356	3.67	<0.01
ZZ30399		0.63	23.4	2.70	2.43	0.09	0.07	0.11	0.034	0.12	28.5	4.9	0.10	286	5.57	<0.01
ZZ30400		1.11	24.9	2.37	2.97	<0.05	0.06	0.15	0.030	0.11	21.2	5.2	0.15	673	3.14	0.01
ZZ30401		1.13	21.7	2.18	2.26	<0.05	0.06	0.18	0.028	0.11	15.9	3.7	0.18	164	8.30	0.01
ZZ30402		1.44	38.1	2.50	2.36	<0.05	0.06	0.51	0.031	0.14	15.6	5.2	0.22	230	19.40	0.01
ZZ30403		1.56	55.1	2.60	2.59	0.07	0.06	0.95	0.030	0.15	20.4	5.7	0.18	225	28.6	<0.01
ZZ30404		1.68	49.6	2.01	2.40	<0.05	0.07	0.83	0.026	0.10	15.7	5.1	0.17	248	13.35	0.01
ZZ30405		0.83	32.5	1.91	2.95	<0.05	0.05	0.23	0.023	0.06	9.8	7.8	0.20	548	1.32	0.01
ZZ30406		0.85	26.2	1.17	2.02	<0.05	0.05	0.21	0.016	0.04	7.4	3.6	0.09	328	0.96	0.01
ZZ30407		0.85	22.1	1.97	2.98	<0.05	0.05	0.36	0.024	0.06	15.2	6.6	0.17	462	1.64	0.01
ZZ30408		0.83	19.0	1.45	2.57	<0.05	0.05	0.23	0.018	0.05	7.2	5.0	0.14	381	1.15	0.01
ZZ30409		1.46	22.3	3.17	5.47	0.05	0.05	0.14	0.033	0.06	18.9	15.1	0.38	710	1.67	0.01
ZZ30410		1.32	20.1	2.34	4.16	<0.05	0.05	0.21	0.027	0.06	10.6	9.6	0.28	676	1.11	0.01
ZZ30411		1.63	36.8	1.66	2.93	<0.05	0.09	0.41	0.026	0.08	19.2	5.1	0.12	663	1.44	0.01
ZZ30412		4.09	44.9	4.65	2.84	0.07	0.03	0.03	0.065	0.17	10.3	7.5	0.11	186	2.34	<0.01
ZZ30413		0.81	20.5	4.79	4.20	0.09	0.05	0.04	0.062	0.15	12.2	10.9	0.24	605	1.49	<0.01
ZZ30414		0.52	31.4	4.43	3.14	0.07	0.04	0.05	0.043	0.11	9.2	12.3	0.22	359	5.54	<0.01
ZZ30415		0.18	27.6	2.44	1.22	<0.05	0.05	0.09	0.028	0.11	16.7	4.1	2.62	312	1.01	<0.01
ZZ30416		0.75	28.0	3.13	3.39	0.09	0.06	0.16	0.034	0.08	22.5	10.4	0.21	345	5.63	<0.01
ZZ30417		0.47	23.5	2.56	3.60	<0.05	0.05	0.14	0.031	0.09	10.6	10.3	0.24	584	3.10	<0.01
ZZ30418		0.55	39.1	3.16	3.57	0.08	0.08	0.23	0.037	0.11	16.6	10.3	0.28	763	31.3	<0.01
ZZ30419		0.57	38.0	2.81	3.57	<0.05	0.06	0.13	0.034	0.08	9.9	11.0	0.27	423	8.34	<0.01
ZZ30420		0.73	61.2	2.52	4.09	0.06	0.06	0.23	0.039	0.12	19.3	10.7	0.25	263	38.2	<0.01
ZZ30421		0.77	40.1	2.60	3.43	<0.05	0.06	0.22	0.031	0.08	14.1	10.6	0.25	298	13.80	0.01
ZZ30422		1.76	21.6	2.03	3.71	<0.05	0.04	0.14	0.025	0.06	10.3	10.7	0.26	225	7.31	0.01
ZZ30423		1.30	60.4	1.97	2.99	0.07	0.08	0.65	0.034	0.08	16.8	8.0	0.18	181	26.2	<0.01
ZZ30424		0.78	39.6	1.30	1.95	<0.05	0.05	0.30	0.020	0.05	8.5	4.1	0.21	158	9.32	<0.01
ZZ30425		1.00	75.3	2.01	2.02	0.05	0.03	0.22	0.028	0.08	5.3	4.0	0.10	295	9.31	<0.01
ZZ30426		0.85	39.3	2.14	2.12	<0.05	0.03	0.12	0.031	0.10	6.7	4.5	0.10	186	12.85	<0.01
ZZ30427		1.15	50.4	2.02	1.59	<0.05	0.04	0.23	0.030	0.08	5.3	3.4	0.07	156	4.68	<0.01
ZZ30428		1.11	57.5	2.18	1.92	0.05	0.05	0.32	0.025	0.11	5.8	6.5	0.52	206	10.20	0.01
ZZ30429		0.63	21.2	3.13	3.76	<0.05	0.05	0.14	0.030	0.10	7.1	14.6	0.38	346	1.30	0.01
ZZ30430		0.57	30.4	2.75	3.27	<0.05	0.05	0.12	0.034	0.09	4.9	14.5	0.22	438	1.89	0.01
ZZ30431		0.51	32.2	3.07	2.88	<0.05	0.06	0.11	0.031	0.12	4.3	15.6	0.25	348	1.65	0.01

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30392		0.30	39.9	1320	13.3	7.9	0.001	0.14	6.29	1.9	2.3	0.3	63.5	<0.01	0.03	0.7
ZZ30393		0.50	30.4	1810	17.4	11.9	0.001	0.17	5.39	1.7	1.7	0.4	44.5	<0.01	0.04	0.7
ZZ30394		0.40	59.5	1490	17.7	11.8	0.001	0.09	4.27	2.9	3.4	0.5	26.5	<0.01	0.08	1.4
ZZ30395		0.23	77.7	470	18.0	8.0	0.001	0.02	9.32	5.7	2.0	0.4	62.8	<0.01	0.04	3.6
ZZ30396		0.28	31.0	1570	9.8	13.1	0.001	0.23	3.34	1.5	2.1	0.2	71.1	0.01	0.03	0.6
ZZ30397		0.39	104.5	1480	17.4	13.7	0.002	0.14	6.14	2.5	3.6	0.5	50.2	0.01	0.06	0.9
ZZ30398		0.47	70.3	670	18.4	11.8	0.001	0.04	2.09	4.3	1.8	0.4	39.4	0.01	0.03	2.6
ZZ30399		0.27	57.8	640	15.0	11.9	<0.001	0.05	1.89	4.2	1.9	0.3	40.7	0.01	0.03	3.1
ZZ30400		0.45	47.0	1080	20.5	12.6	0.001	0.11	2.03	2.5	2.0	0.4	94.3	<0.01	0.03	0.8
ZZ30401		0.32	57.4	820	39.2	7.8	0.001	0.13	4.20	2.1	2.3	0.3	64.1	<0.01	0.03	0.7
ZZ30402		0.28	123.5	810	130.5	11.8	0.002	0.10	8.34	2.5	3.8	0.4	83.2	<0.01	0.05	0.9
ZZ30403		0.32	179.0	1260	357	11.7	0.003	0.10	10.70	2.7	5.3	0.5	74.5	0.01	0.08	0.9
ZZ30404		0.34	163.0	1280	176.5	9.7	0.005	0.18	6.99	2.0	7.6	0.4	79.5	0.01	0.08	0.6
ZZ30405		0.64	27.9	1110	11.2	7.5	<0.001	0.14	1.02	1.8	2.3	0.4	54.9	0.01	0.05	0.4
ZZ30406		0.43	20.5	850	6.9	6.7	<0.001	0.15	0.86	1.4	1.8	0.2	59.7	0.01	0.03	0.3
ZZ30407		0.52	23.3	1120	12.0	7.2	<0.001	0.13	1.01	1.8	1.9	0.4	47.4	0.01	0.04	0.4
ZZ30408		0.55	17.3	1040	9.1	6.7	<0.001	0.14	0.80	1.6	1.6	0.3	51.9	<0.01	0.03	0.4
ZZ30409		1.07	28.3	710	17.8	11.6	<0.001	0.05	0.72	3.8	1.5	0.6	28.5	0.01	0.06	1.7
ZZ30410		0.91	21.8	950	13.7	7.9	<0.001	0.10	0.66	2.7	1.6	0.5	41.1	0.01	0.04	0.8
ZZ30411		0.35	34.4	1010	10.9	10.8	0.002	0.14	0.81	3.2	3.2	0.4	61.7	0.01	0.03	0.5
ZZ30412		0.21	45.1	2270	20.3	14.0	0.001	0.05	0.66	2.4	1.2	0.6	14.3	<0.01	0.06	0.6
ZZ30413		0.41	31.1	1380	15.9	13.1	<0.001	0.06	0.38	2.9	0.7	0.7	11.8	<0.01	0.03	2.0
ZZ30414		0.41	42.8	660	20.4	6.7	0.001	0.02	0.90	4.0	1.3	0.5	12.3	<0.01	0.03	2.7
ZZ30415		0.10	34.1	610	10.8	6.6	<0.001	0.03	0.59	5.4	1.2	<0.2	133.0	<0.01	0.02	4.1
ZZ30416		0.54	40.2	760	16.5	10.0	0.001	0.04	3.85	4.3	1.8	0.4	51.8	0.01	0.04	2.2
ZZ30417		0.54	29.9	1150	15.9	9.9	0.001	0.11	1.89	2.6	2.3	0.4	47.2	<0.01	0.04	0.9
ZZ30418		0.37	91.9	710	18.0	12.8	0.001	0.04	7.76	4.6	2.2	0.5	21.1	0.01	0.04	2.3
ZZ30419		0.48	63.9	860	21.0	7.7	0.001	0.08	2.84	3.5	2.1	0.5	46.3	<0.01	0.06	1.2
ZZ30420		0.49	176.0	650	15.8	9.3	0.003	0.06	4.09	4.1	3.3	0.6	27.0	0.01	0.11	1.3
ZZ30421		0.45	94.7	750	14.4	8.5	0.003	0.07	3.43	3.8	2.9	0.5	35.4	<0.01	0.06	1.1
ZZ30422		0.83	41.5	1050	11.5	8.1	0.003	0.06	6.09	2.3	3.6	0.5	39.5	<0.01	0.07	1.3
ZZ30423		0.38	155.5	1290	12.8	6.9	0.004	0.08	7.37	3.9	4.9	0.6	47.5	0.01	0.11	1.3
ZZ30424		0.33	315	900	10.9	6.6	0.004	0.15	5.96	1.4	5.7	0.4	74.0	<0.01	0.06	0.3
ZZ30425		0.22	116.0	800	12.7	7.0	0.009	0.08	3.81	2.6	4.2	0.4	47.1	<0.01	0.08	0.8
ZZ30426		0.22	30.1	760	13.6	7.2	0.005	0.03	2.74	3.1	2.8	0.4	26.5	<0.01	0.07	2.5
ZZ30427		0.15	61.4	720	10.0	6.2	0.004	0.06	1.41	4.5	3.6	0.4	69.3	<0.01	0.08	1.2
ZZ30428		0.17	81.1	1170	15.1	7.3	0.013	0.14	3.69	3.8	5.8	0.4	73.0	<0.01	0.06	1.3
ZZ30429		0.22	27.7	700	32.4	9.5	0.001	0.08	0.54	3.9	1.4	0.5	39.2	<0.01	0.05	1.3
ZZ30430		0.18	35.1	900	17.3	9.9	0.002	0.10	0.58	3.7	2.1	0.5	37.2	<0.01	0.07	1.3
ZZ30431		0.14	42.5	970	15.7	7.6	0.003	0.15	0.59	3.9	2.1	0.4	47.7	<0.01	0.05	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ30392		0.005	0.37	2.61	83	0.08	22.1	489	1.5
ZZ30393		0.009	0.28	2.21	79	0.08	9.38	613	1.4
ZZ30394		0.007	0.20	2.94	232	0.14	14.30	438	2.5
ZZ30395		<0.005	0.58	3.52	145	0.07	26.2	464	1.9
ZZ30396		0.006	0.27	3.76	144	0.08	17.55	575	1.7
ZZ30397		0.006	0.57	3.03	294	0.14	35.4	903	1.8
ZZ30398		0.006	0.33	1.48	112	0.18	27.6	511	1.3
ZZ30399		<0.005	0.27	1.57	71	0.10	29.5	358	1.3
ZZ30400		0.007	0.27	5.93	100	0.12	21.1	326	1.2
ZZ30401		<0.005	0.50	3.38	120	0.11	19.50	409	1.7
ZZ30402		<0.005	1.14	4.26	244	0.19	24.2	1060	1.7
ZZ30403		0.005	1.26	5.95	348	0.26	36.9	1440	1.7
ZZ30404		0.005	1.22	5.59	294	0.21	32.4	1090	2.1
ZZ30405		0.008	0.17	2.12	44	0.09	16.65	126	1.6
ZZ30406		0.007	0.13	2.21	27	0.06	15.35	101	1.6
ZZ30407		0.007	0.15	2.29	47	0.11	27.7	114	1.2
ZZ30408		0.009	0.13	2.45	32	0.09	11.30	69	1.5
ZZ30409		0.016	0.19	1.25	66	0.19	23.6	109	0.9
ZZ30410		0.012	0.14	1.82	53	0.15	14.10	120	1.3
ZZ30411		<0.005	0.22	3.35	47	0.08	50.8	101	2.4
ZZ30412		<0.005	0.10	0.56	36	<0.05	4.16	232	<0.5
ZZ30413		<0.005	0.31	0.68	31	0.06	5.91	220	1.1
ZZ30414		0.005	0.24	1.06	36	0.11	5.50	135	1.1
ZZ30415		<0.005	0.11	0.89	16	<0.05	19.10	90	1.6
ZZ30416		0.007	0.29	2.08	126	0.15	22.4	233	1.2
ZZ30417		0.007	0.18	4.38	101	0.09	11.45	181	1.4
ZZ30418		0.005	0.49	4.62	290	0.13	24.8	503	1.8
ZZ30419		0.006	0.37	4.25	183	0.20	14.15	300	1.6
ZZ30420		0.008	0.74	4.22	541	0.29	37.1	633	1.7
ZZ30421		0.006	0.65	3.89	254	0.16	24.3	332	1.6
ZZ30422		0.013	0.54	3.80	227	0.51	9.46	289	1.1
ZZ30423		0.006	0.81	5.80	325	0.31	41.8	714	2.5
ZZ30424		0.005	1.29	8.82	221	0.13	19.40	1520	2.0
ZZ30425		<0.005	0.41	7.69	125	0.19	12.10	479	1.1
ZZ30426		<0.005	0.21	3.84	71	0.07	11.10	324	0.9
ZZ30427		<0.005	0.18	1.74	48	0.10	20.8	284	1.4
ZZ30428		<0.005	0.44	5.88	104	0.08	18.70	455	2.0
ZZ30429		<0.005	0.14	1.44	40	<0.05	17.00	140	1.4
ZZ30430		<0.005	0.13	1.60	35	<0.05	15.15	147	1.6
ZZ30431		<0.005	0.12	0.74	32	<0.05	15.20	190	1.8

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30432		0.31	0.007	0.40	1.19	8.7	<0.2	<10	590	0.89	0.18	2.87	0.45	9.08	8.0	22
ZZ30433		0.33	<0.001	0.35	1.24	13.4	<0.2	<10	610	0.75	0.20	1.05	0.60	8.66	10.9	25
ZZ30434		0.39	0.007	0.18	1.70	15.3	<0.2	<10	530	0.94	0.25	1.13	0.41	9.71	16.7	29
ZZ30435		0.15	0.008	0.15	0.56	3.9	<0.2	10	550	0.22	0.08	5.58	0.56	4.45	10.6	8
ZZ30436		0.53	0.004	0.36	1.14	15.2	<0.2	<10	500	0.80	0.25	2.13	0.86	11.10	12.3	22
ZZ30437		0.26	0.004	0.67	0.69	27.6	<0.2	<10	940	0.65	0.18	1.82	5.44	10.65	10.2	16
ZZ30438		0.45	0.005	0.19	0.74	30.0	<0.2	<10	170	0.70	0.24	0.08	0.89	14.80	8.5	12
ZZ30439		0.37	0.009	0.59	0.49	17.0	<0.2	<10	890	0.60	0.23	0.26	2.11	17.35	8.2	9
ZZ30440		0.36	0.003	0.11	1.06	28.0	<0.2	<10	350	0.74	0.25	0.12	0.96	16.80	7.5	18
ZZ30441		0.27	0.006	0.50	0.71	20.6	<0.2	<10	1650	0.69	0.20	0.54	2.01	13.15	7.4	14
ZZ30442		0.27	0.002	0.44	0.89	16.0	<0.2	10	240	0.73	0.15	2.67	6.28	20.4	8.3	21
ZZ30443		0.24	0.002	0.35	1.05	20.5	<0.2	<10	390	0.81	0.18	2.11	2.94	21.4	7.4	28
ZZ30444		0.29	0.003	0.46	0.93	38.2	<0.2	<10	250	0.93	0.23	1.77	2.40	20.8	9.0	23
ZZ30445		0.32	0.004	0.50	0.80	29.9	<0.2	10	270	0.87	0.20	1.74	4.03	22.2	9.4	20
ZZ30446		0.28	0.003	0.39	0.52	21.3	<0.2	10	180	0.77	0.16	4.79	4.22	26.7	8.0	14
ZZ30447		0.35	0.003	0.64	1.09	16.9	<0.2	<10	250	0.93	0.22	1.15	3.19	29.6	9.9	20
ZZ30448		0.30	0.004	0.18	1.24	17.6	<0.2	<10	290	0.84	0.21	0.49	0.97	30.5	10.7	24
ZZ30449		0.34	0.002	0.22	1.32	16.7	<0.2	<10	380	0.96	0.25	0.50	0.60	32.2	10.4	23
ZZ30450		0.33	0.004	0.34	1.05	28.9	<0.2	<10	410	0.84	0.15	0.67	1.94	40.4	13.0	19
ZZ30451		0.49	0.006	0.99	1.63	22.9	<0.2	10	300	0.82	0.22	3.07	4.64	21.8	8.9	31
ZZ30452		0.28	0.003	0.07	1.44	17.5	<0.2	<10	150	0.78	0.23	0.13	0.27	28.7	17.6	31
ZZ30453		0.35	0.002	0.07	1.73	8.3	<0.2	<10	240	1.22	0.27	0.63	0.18	39.0	12.7	24
ZZ30454		0.31	0.005	1.01	0.62	6.5	<0.2	10	540	0.47	0.13	2.28	0.68	7.87	2.7	18
ZZ30455		0.24	0.005	0.80	0.73	9.3	<0.2	10	570	0.43	0.13	2.38	0.64	6.84	5.6	20
ZZ30456		0.30	0.007	0.44	0.92	7.3	<0.2	10	230	0.54	0.17	1.53	0.50	7.63	14.5	21
ZZ30457		0.34	0.006	0.37	1.83	17.6	<0.2	<10	380	1.12	0.21	1.46	0.69	15.15	9.5	30
ZZ30458		0.43	0.005	0.35	1.16	19.2	<0.2	<10	870	0.88	0.26	3.86	0.76	12.35	14.8	21
ZZ30459		0.42	0.005	0.45	1.18	19.4	<0.2	<10	660	0.75	0.21	2.33	0.99	16.35	10.1	25
ZZ30460		0.27	0.004	0.47	1.13	16.5	<0.2	<10	500	0.76	0.25	1.18	0.69	6.46	10.2	29
ZZ30461		0.31	0.004	0.36	0.86	17.3	<0.2	<10	410	0.88	0.26	1.31	2.16	20.9	10.4	17
ZZ30462		0.20	0.014	0.35	0.64	14.3	<0.2	<10	510	0.67	0.18	2.66	2.30	15.65	9.4	12
ZZ30463		0.31	0.005	0.22	1.09	16.3	<0.2	<10	410	0.99	0.28	1.80	0.82	18.00	13.1	19
ZZ30464		0.39	0.003	0.34	1.25	19.3	<0.2	<10	470	1.03	0.29	1.04	1.23	22.5	11.6	23
ZZ30465		0.39	0.003	0.63	1.10	28.4	<0.2	<10	700	1.00	0.24	1.97	3.79	22.6	10.0	30
ZZ30466		0.31	0.009	2.02	0.90	17.3	<0.2	<10	540	0.91	0.15	4.31	23.3	17.50	7.1	38
ZZ30467		0.31	0.002	0.41	1.47	11.9	<0.2	<10	320	0.93	0.28	1.71	2.39	25.9	12.3	30
ZZ30468		0.47	0.003	0.24	1.96	21.7	<0.2	<10	250	1.10	0.32	0.23	0.70	37.3	16.3	33
ZZ30469		0.56	0.003	0.21	1.45	14.0	<0.2	<10	250	0.79	0.27	0.38	0.39	31.6	11.6	27
ZZ30470		0.30	0.002	0.16	1.53	16.8	<0.2	<10	260	0.92	0.28	0.81	2.45	30.9	11.9	27
ZZ30471		0.28	0.002	0.78	1.29	26.3	<0.2	10	280	1.08	0.23	1.50	12.55	34.6	14.5	27

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30432		0.47	26.0	2.38	2.83	<0.05	0.04	0.14	0.026	0.07	7.8	11.9	0.37	234	1.02	0.01
ZZ30433		0.50	28.4	3.37	3.14	<0.05	0.05	0.09	0.033	0.09	5.9	17.1	0.31	297	1.47	0.01
ZZ30434		0.73	32.6	3.88	4.63	<0.05	0.06	0.07	0.036	0.12	5.8	24.7	0.47	339	1.39	0.03
ZZ30435		0.35	13.5	1.26	1.26	<0.05	0.02	0.09	0.009	0.03	3.8	3.2	0.09	840	0.54	0.01
ZZ30436		1.16	34.1	3.54	3.17	<0.05	0.06	0.11	0.035	0.14	4.9	15.8	0.77	438	2.70	0.01
ZZ30437		0.68	38.0	2.78	2.03	<0.05	0.04	0.17	0.027	0.09	6.9	7.2	0.27	1060	5.54	<0.01
ZZ30438		1.39	73.0	2.93	2.13	<0.05	0.02	0.05	0.037	0.10	6.9	4.4	0.09	247	5.75	<0.01
ZZ30439		3.01	71.5	2.62	1.70	<0.05	<0.02	0.16	0.034	0.12	7.0	2.5	0.06	224	6.92	<0.01
ZZ30440		1.55	42.2	3.40	3.49	<0.05	<0.02	0.05	0.035	0.10	7.6	9.4	0.14	277	6.63	<0.01
ZZ30441		0.97	56.4	2.65	2.16	0.05	0.03	0.14	0.030	0.11	5.9	5.4	0.14	229	8.30	<0.01
ZZ30442		0.39	43.5	2.98	2.40	0.05	0.05	0.17	0.026	0.12	11.6	9.8	0.56	311	8.03	<0.01
ZZ30443		0.39	30.8	2.65	3.04	0.05	0.03	0.16	0.027	0.08	15.1	9.3	0.27	343	4.81	<0.01
ZZ30444		0.63	43.5	3.11	2.99	0.05	0.05	0.17	0.031	0.11	13.0	10.9	0.53	251	10.05	<0.01
ZZ30445		0.51	39.2	2.49	2.69	0.05	0.05	0.22	0.028	0.11	13.1	7.2	0.23	363	23.1	<0.01
ZZ30446		0.74	29.0	2.34	1.76	0.05	0.05	0.16	0.026	0.11	15.6	4.0	2.28	267	38.3	0.01
ZZ30447		0.51	28.4	3.02	2.80	0.05	0.05	0.12	0.028	0.11	16.3	9.6	0.23	406	5.25	<0.01
ZZ30448		0.54	29.3	3.58	3.22	0.05	0.06	0.06	0.031	0.10	12.3	14.2	0.32	482	3.79	<0.01
ZZ30449		0.67	30.5	4.18	3.71	0.05	0.03	0.04	0.038	0.12	11.9	13.1	0.25	485	2.42	<0.01
ZZ30450		0.70	38.1	4.29	2.93	0.07	0.07	0.07	0.044	0.17	19.7	8.0	0.21	487	4.21	<0.01
ZZ30451		1.22	49.1	6.59	3.92	0.05	0.03	0.11	0.027	0.19	10.3	17.1	0.41	990	10.45	<0.01
ZZ30452		1.72	26.2	4.80	5.32	<0.05	0.02	0.03	0.035	0.13	11.5	17.0	0.30	684	1.22	<0.01
ZZ30453		1.83	16.1	3.82	4.53	0.05	0.09	0.03	0.036	0.17	11.4	18.5	0.46	885	0.94	<0.01
ZZ30454		0.25	28.0	1.35	1.53	0.05	0.04	0.14	0.020	0.06	5.1	5.7	0.16	79	0.81	<0.01
ZZ30455		0.42	18.7	1.77	1.80	<0.05	0.04	0.13	0.019	0.06	4.4	5.9	0.14	379	1.21	<0.01
ZZ30456		0.37	22.8	2.17	2.24	<0.05	0.05	0.11	0.025	0.10	4.8	11.8	0.32	563	0.93	0.01
ZZ30457		0.76	20.3	3.46	3.49	0.05	0.06	0.10	0.036	0.10	11.7	14.8	0.52	460	1.38	<0.01
ZZ30458		0.98	32.5	3.64	3.37	<0.05	0.06	0.14	0.032	0.12	6.6	16.1	1.38	598	1.88	0.01
ZZ30459		0.60	24.9	3.15	2.90	0.05	0.05	0.17	0.030	0.09	13.1	11.7	0.70	654	1.73	<0.01
ZZ30460		1.19	32.3	3.20	2.92	<0.05	0.07	0.29	0.041	0.12	3.8	17.5	0.28	223	2.48	0.01
ZZ30461		0.98	55.7	2.76	2.82	0.06	0.05	0.16	0.035	0.12	9.8	11.2	0.44	377	4.29	0.01
ZZ30462		0.78	45.7	2.21	2.07	0.05	0.04	0.14	0.027	0.09	7.3	6.6	0.24	576	4.11	0.01
ZZ30463		0.63	52.7	3.44	3.45	<0.05	0.05	0.13	0.038	0.11	8.9	13.2	0.52	512	2.33	0.01
ZZ30464		0.58	49.0	3.66	3.68	0.06	0.06	0.14	0.034	0.09	12.4	15.9	0.39	490	4.57	0.01
ZZ30465		0.52	56.0	2.85	3.48	0.06	0.05	0.21	0.040	0.08	16.4	12.2	0.35	422	12.15	0.01
ZZ30466		0.54	81.2	1.54	2.87	0.06	0.05	0.61	0.025	0.07	15.8	6.2	0.16	785	6.48	0.01
ZZ30467		1.17	35.6	2.68	5.15	0.06	0.04	0.09	0.035	0.05	18.6	9.4	0.23	953	1.54	0.01
ZZ30468		1.34	38.9	4.23	5.28	0.05	0.05	0.07	0.046	0.08	14.2	24.1	0.46	658	3.60	0.01
ZZ30469		1.09	33.3	3.16	4.42	0.05	0.03	0.08	0.031	0.07	16.9	20.1	0.48	453	1.33	0.01
ZZ30470		0.96	43.3	3.66	4.42	0.05	0.06	0.08	0.041	0.10	13.6	17.0	0.45	527	3.52	0.01
ZZ30471		0.73	118.0	4.11	3.86	0.07	0.09	0.33	0.046	0.14	17.0	16.6	0.47	592	4.37	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30432	0.19	28.2	930	13.1	7.0	0.001	0.09	0.50	2.9	2.9	0.4	36.3	<0.01	0.05	0.8
ZZ30433	0.13	41.0	830	15.0	7.6	0.001	0.06	0.49	4.2	1.6	0.5	26.7	<0.01	0.06	2.1
ZZ30434	0.14	55.4	650	19.6	9.8	<0.001	0.18	0.57	6.0	1.0	0.6	46.2	<0.01	0.06	3.4
ZZ30435	0.22	19.2	1000	4.6	2.7	<0.001	0.16	0.30	0.5	1.0	<0.2	46.5	<0.01	0.04	<0.2
ZZ30436	0.13	42.5	940	23.0	10.0	0.002	0.16	0.94	4.6	1.5	0.5	39.8	<0.01	0.07	2.6
ZZ30437	0.16	70.8	1060	17.4	6.9	0.004	0.09	2.29	2.9	4.2	0.4	44.7	<0.01	0.06	1.0
ZZ30438	0.12	39.8	1130	21.4	8.5	0.001	0.01	2.88	3.2	2.2	0.4	13.1	<0.01	0.10	2.5
ZZ30439	0.10	53.9	1030	15.1	9.3	0.003	0.02	3.34	3.6	2.6	0.4	22.3	<0.01	0.08	2.8
ZZ30440	0.28	34.4	710	21.2	11.1	0.001	0.02	2.43	3.1	2.1	0.6	13.5	<0.01	0.09	2.3
ZZ30441	0.16	44.3	660	14.5	6.3	0.002	0.04	3.70	3.9	3.1	0.5	27.3	<0.01	0.08	2.3
ZZ30442	0.22	87.6	1380	15.0	8.4	0.002	0.08	2.90	3.2	2.2	0.4	60.5	<0.01	0.05	1.1
ZZ30443	0.30	50.4	950	15.2	6.1	0.001	0.09	1.76	2.6	2.4	0.5	40.7	<0.01	0.06	0.6
ZZ30444	0.27	91.3	610	21.1	6.8	0.004	0.05	2.56	5.1	2.2	0.5	36.5	<0.01	0.05	2.3
ZZ30445	0.27	90.2	840	16.1	8.2	0.002	0.08	6.38	2.8	3.2	0.5	32.6	<0.01	0.06	1.0
ZZ30446	0.13	74.3	520	11.2	7.6	0.002	0.03	12.00	4.7	2.5	0.4	51.3	<0.01	0.04	3.7
ZZ30447	0.29	44.0	770	17.6	8.4	0.001	0.05	3.16	3.6	1.6	0.4	30.5	<0.01	0.05	1.5
ZZ30448	0.29	32.6	690	19.0	7.4	<0.001	0.04	1.87	4.2	1.4	0.4	22.7	<0.01	0.06	2.1
ZZ30449	0.32	31.6	1160	21.4	10.1	<0.001	0.03	1.03	4.0	0.9	0.6	21.2	<0.01	0.05	1.9
ZZ30450	0.25	32.2	2900	15.1	10.2	0.001	0.06	1.74	5.1	1.4	0.5	44.8	<0.01	0.06	1.6
ZZ30451	0.40	36.4	>10000	14.5	15.1	0.002	0.05	3.23	2.9	2.6	0.5	95.1	<0.01	0.07	1.2
ZZ30452	0.28	25.3	1580	18.2	10.0	<0.001	0.07	0.53	1.5	0.5	0.6	12.7	<0.01	0.04	0.4
ZZ30453	0.45	23.8	870	17.6	16.2	<0.001	0.04	0.34	4.2	0.5	0.6	30.3	<0.01	0.02	2.4
ZZ30454	0.17	25.3	1020	8.8	4.4	0.008	0.20	0.61	2.3	7.6	0.3	58.2	<0.01	0.05	0.8
ZZ30455	0.16	22.9	1050	8.8	6.0	0.006	0.13	0.57	1.9	3.5	0.3	56.0	<0.01	0.08	0.6
ZZ30456	0.16	58.8	850	11.6	9.2	0.003	0.21	0.45	2.9	1.6	0.4	54.2	<0.01	0.06	1.2
ZZ30457	0.22	28.7	750	21.0	12.9	<0.001	0.05	0.43	4.7	1.7	0.5	18.2	<0.01	0.06	2.3
ZZ30458	0.18	39.2	680	40.7	9.7	0.001	0.09	0.72	5.4	1.3	0.5	77.8	<0.01	0.05	3.3
ZZ30459	0.29	33.8	910	22.2	6.7	<0.001	0.05	0.77	3.8	1.5	0.4	28.8	<0.01	0.08	1.4
ZZ30460	0.10	44.7	660	17.3	11.3	0.014	0.10	0.63	4.2	3.1	0.6	34.0	<0.01	0.07	1.7
ZZ30461	0.28	44.7	870	25.9	7.9	0.003	0.07	1.56	4.7	2.2	0.5	36.4	<0.01	0.06	2.6
ZZ30462	0.23	40.2	770	15.8	6.5	0.003	0.12	1.84	2.4	2.5	0.3	68.9	<0.01	0.05	0.8
ZZ30463	0.37	33.0	590	26.9	8.1	0.002	0.08	0.76	5.3	1.9	0.5	45.2	<0.01	0.07	2.2
ZZ30464	0.38	41.6	720	30.4	7.8	0.002	0.06	0.98	5.5	2.0	0.5	30.9	<0.01	0.05	2.6
ZZ30465	0.36	129.0	840	22.4	7.1	0.002	0.07	2.41	4.2	2.8	0.5	41.4	<0.01	0.09	1.4
ZZ30466	0.28	194.0	1530	10.5	9.7	0.002	0.17	3.71	1.4	5.3	0.5	78.7	<0.01	0.06	0.3
ZZ30467	0.55	33.5	1370	18.4	8.8	<0.001	0.08	0.68	2.8	1.9	0.6	52.1	<0.01	0.05	0.7
ZZ30468	0.59	62.5	630	25.6	11.4	<0.001	0.03	0.84	4.8	1.3	0.6	14.2	<0.01	0.08	2.8
ZZ30469	0.59	32.6	920	16.2	8.4	<0.001	0.03	0.69	3.9	1.0	0.5	23.0	<0.01	0.05	1.7
ZZ30470	0.49	58.8	930	22.6	16.4	0.001	0.06	1.13	4.5	1.5	0.6	33.3	<0.01	0.05	1.4
ZZ30471	0.42	89.0	1520	21.5	13.7	0.002	0.11	2.05	5.3	2.1	0.6	63.7	<0.01	0.07	2.0

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30432		<0.005	0.10	1.24	34	<0.05	18.55	106	1.2
ZZ30433		<0.005	0.10	0.91	34	<0.05	15.90	168	1.5
ZZ30434		<0.005	0.13	0.57	38	<0.05	19.40	167	2.1
ZZ30435		0.007	0.04	1.43	12	<0.05	12.00	108	0.8
ZZ30436		<0.005	0.17	1.01	41	<0.05	13.15	197	2.0
ZZ30437		<0.005	0.24	3.15	88	0.05	16.85	442	1.3
ZZ30438		<0.005	0.36	1.69	67	<0.05	7.73	315	0.5
ZZ30439		<0.005	0.39	2.37	53	<0.05	14.50	370	<0.5
ZZ30440		<0.005	0.35	1.76	89	0.09	8.53	314	<0.5
ZZ30441		<0.005	0.26	2.56	86	0.06	13.45	425	1.0
ZZ30442		0.005	0.29	1.62	138	0.06	14.15	950	1.6
ZZ30443		<0.005	0.19	4.44	141	0.09	19.65	236	1.1
ZZ30444		0.005	0.37	2.44	162	0.10	20.2	352	1.8
ZZ30445		0.005	0.57	5.09	276	0.11	20.7	589	1.3
ZZ30446		<0.005	0.58	3.90	294	0.07	21.4	660	1.7
ZZ30447		0.007	0.28	1.64	114	0.08	17.50	288	1.2
ZZ30448		0.007	0.17	1.32	68	0.07	12.25	189	1.4
ZZ30449		0.006	0.17	1.26	48	0.07	9.62	169	0.8
ZZ30450		<0.005	0.13	2.06	49	<0.05	13.25	373	1.6
ZZ30451		0.018	0.24	5.09	132	0.16	10.50	879	0.9
ZZ30452		0.005	0.12	0.62	55	0.08	4.76	114	0.5
ZZ30453		0.010	0.12	1.43	32	0.07	10.15	86	2.3
ZZ30454		<0.005	0.06	2.85	30	<0.05	14.65	100	1.5
ZZ30455		<0.005	0.09	1.86	37	<0.05	12.30	129	1.1
ZZ30456		<0.005	0.12	0.82	30	<0.05	12.45	132	1.5
ZZ30457		<0.005	0.14	1.32	46	0.05	23.9	149	1.5
ZZ30458		<0.005	0.21	0.90	33	<0.05	14.40	201	2.0
ZZ30459		0.006	0.13	0.90	46	0.08	23.3	222	1.2
ZZ30460		<0.005	0.13	1.49	35	<0.05	13.70	202	2.1
ZZ30461		0.005	0.27	1.85	59	0.06	14.75	286	1.7
ZZ30462		<0.005	0.23	2.73	50	0.05	12.30	232	1.3
ZZ30463		0.005	0.17	1.58	37	0.08	11.95	161	1.9
ZZ30464		0.006	0.18	3.02	72	0.10	15.50	186	2.0
ZZ30465		0.006	0.44	4.18	277	0.14	26.0	400	1.8
ZZ30466		<0.005	0.47	7.59	348	0.11	29.3	674	2.0
ZZ30467		0.012	0.14	3.48	146	0.12	17.25	129	0.8
ZZ30468		0.009	0.21	1.33	75	0.16	10.70	279	1.3
ZZ30469		0.020	0.13	1.20	49	0.18	12.55	104	0.7
ZZ30470		0.011	0.21	3.42	63	0.09	10.30	1110	1.4
ZZ30471		0.005	0.34	1.67	97	0.07	14.70	1170	2.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30472		0.31	0.010	2.43	0.77	88.7	<0.2	20	300	0.97	0.13	8.43	20.2	15.40	19.1	17
ZZ30473		0.40	0.003	0.20	1.08	33.5	<0.2	<10	120	0.97	0.24	0.33	1.40	28.1	11.5	21
ZZ30474		0.35	0.001	0.08	1.72	8.7	<0.2	<10	420	1.76	0.24	1.00	0.23	50.7	16.0	27
ZZ30475		0.38	0.001	0.12	1.52	16.8	<0.2	<10	310	1.50	0.31	0.58	0.41	41.9	16.3	23
ZZ30476		0.37	0.001	0.11	1.31	10.8	<0.2	10	330	1.29	0.27	1.21	0.49	25.6	11.5	22
ZZ30477		0.28	0.002	0.48	1.29	31.6	<0.2	10	260	1.00	0.23	1.56	11.35	17.30	8.8	22
ZZ30478		0.35	0.002	0.32	1.34	23.0	<0.2	<10	290	1.10	0.24	1.43	9.14	20.3	9.1	21
ZZ30479		0.32	0.002	0.28	1.35	20.7	<0.2	<10	300	1.04	0.25	1.37	5.50	21.4	10.0	23
ZZ30480		0.39	0.002	0.32	1.16	16.7	<0.2	<10	340	0.91	0.21	1.49	2.11	25.0	10.7	22
ZZ30481		0.37	0.002	0.43	1.11	14.5	<0.2	10	260	0.84	0.18	2.03	7.88	24.5	10.5	24
ZZ30482		0.25	0.004	0.43	0.39	4.7	<0.2	<10	240	0.31	0.06	5.80	6.08	8.10	1.9	16
ZZ30483		0.28	0.002	1.36	0.60	14.2	<0.2	<10	250	0.61	0.13	5.88	3.87	25.0	5.4	44
ZZ30484		0.26	0.003	1.11	0.70	23.8	<0.2	<10	520	0.77	0.12	5.02	10.70	12.55	4.5	32
ZZ30485		0.59	0.004	1.11	0.86	30.1	<0.2	<10	540	0.76	0.21	0.72	8.99	16.55	9.0	23
ZZ30486		0.30	0.004	0.63	1.11	18.4	<0.2	<10	1040	0.94	0.23	1.58	2.05	17.50	9.0	19
ZZ30487		0.31	0.005	0.87	0.90	16.1	<0.2	<10	2030	0.83	0.18	1.99	2.40	14.20	5.9	15
ZZ30488		0.36	0.007	0.86	1.06	30.7	<0.2	<10	960	0.93	0.26	0.88	3.55	20.8	11.1	20
ZZ30489		0.35	0.003	0.37	0.92	24.7	<0.2	<10	530	0.92	0.26	1.91	4.59	17.05	14.0	19
ZZ30490		0.31	0.002	0.58	1.07	19.7	<0.2	<10	390	0.76	0.25	1.41	0.82	7.41	8.9	27
ZZ30491		0.34	0.003	0.27	0.68	15.1	<0.2	<10	390	0.59	0.18	3.60	0.87	10.05	8.5	12
ZZ30492		0.25	0.002	0.57	0.95	16.4	<0.2	<10	1020	0.64	0.19	2.71	1.05	8.55	7.6	19
ZZ30493		0.44	0.003	0.78	0.79	16.5	<0.2	<10	980	0.64	0.22	1.92	0.76	8.38	10.6	24
ZZ30494		0.21	0.005	0.97	0.81	10.4	<0.2	<10	490	0.58	0.18	2.37	0.61	8.93	6.9	21
ZZ30495		0.13	0.003	1.00	0.68	9.4	<0.2	10	420	0.53	0.16	3.19	0.86	8.36	6.7	18

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30472		0.96	391	2.87	2.30	0.05	0.08	0.80	0.024	0.10	8.9	7.3	0.38	1240	3.65	0.02
ZZ30473		0.84	77.6	4.15	3.69	0.05	0.03	0.05	0.038	0.11	11.7	10.8	0.18	427	12.85	0.01
ZZ30474		1.20	21.6	4.22	4.22	0.08	0.12	0.05	0.051	0.20	20.1	17.8	0.39	655	1.04	0.01
ZZ30475		1.45	31.6	4.63	4.30	0.10	0.10	0.04	0.038	0.15	17.3	18.4	0.39	1120	1.45	0.01
ZZ30476		1.36	25.6	3.63	3.65	0.07	0.09	0.06	0.031	0.19	13.0	12.8	0.42	358	1.54	0.01
ZZ30477		0.83	130.0	3.31	3.51	<0.05	0.08	0.15	0.036	0.15	9.8	13.5	0.42	289	2.59	0.01
ZZ30478		0.90	101.5	3.38	3.74	0.06	0.08	0.16	0.044	0.14	11.4	14.9	0.42	274	2.45	0.01
ZZ30479		0.71	63.1	3.53	3.75	0.05	0.09	0.13	0.040	0.14	12.2	14.5	0.43	319	2.23	0.01
ZZ30480		0.43	34.3	3.39	3.22	0.05	0.07	0.13	0.039	0.11	14.0	12.3	0.31	306	4.00	0.01
ZZ30481		0.40	59.8	3.36	3.19	0.06	0.08	0.20	0.039	0.13	13.6	12.0	0.41	336	3.59	0.02
ZZ30482		0.21	29.3	0.49	1.33	0.06	0.03	0.20	0.008	0.03	13.9	1.7	0.13	139	1.58	0.01
ZZ30483		0.35	44.9	1.45	2.21	0.07	0.05	0.28	0.019	0.07	24.9	6.4	1.32	242	6.52	0.02
ZZ30484		0.59	54.0	1.28	2.63	0.08	0.05	0.35	0.018	0.08	16.0	5.4	0.18	198	9.37	0.02
ZZ30485		0.74	54.1	2.45	3.02	0.05	0.04	0.23	0.036	0.11	9.9	9.5	0.22	302	18.05	0.01
ZZ30486		0.62	37.2	2.78	3.22	<0.05	0.05	0.19	0.035	0.08	10.4	11.7	0.30	503	6.20	0.01
ZZ30487		0.83	43.9	2.07	2.74	0.05	0.05	0.16	0.026	0.07	7.8	6.8	0.21	219	4.73	0.01
ZZ30488		1.39	61.8	3.21	3.28	0.05	0.04	0.24	0.039	0.12	12.0	10.4	0.24	352	8.27	0.01
ZZ30489		0.91	48.5	3.12	3.06	<0.05	0.05	0.14	0.033	0.12	9.0	11.5	0.75	544	6.51	0.01
ZZ30490		0.88	33.0	2.97	2.77	<0.05	0.07	0.28	0.042	0.11	5.3	14.9	0.31	182	2.38	0.02
ZZ30491		0.51	23.5	2.17	1.99	<0.05	0.05	0.17	0.023	0.08	5.4	7.3	0.32	497	1.09	0.02
ZZ30492		0.50	28.1	2.12	2.49	<0.05	0.05	0.13	0.029	0.08	7.8	9.4	0.17	332	1.67	0.01
ZZ30493		0.66	39.5	2.90	2.24	<0.05	0.04	0.13	0.037	0.13	5.4	11.4	0.28	271	3.25	0.02
ZZ30494		0.38	25.3	1.99	2.19	0.05	0.04	0.17	0.027	0.07	7.0	8.6	0.16	296	1.06	0.01
ZZ30495		0.30	29.6	1.82	1.88	<0.05	0.04	0.17	0.026	0.07	6.0	7.3	0.18	507	1.16	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30472		0.21	106.5	2690	13.9	11.7	0.003	0.23	2.40	2.9	2.9	0.4	189.5	<0.01	0.06	0.6
ZZ30473		0.22	38.1	2080	25.7	8.6	0.001	0.07	7.16	1.5	2.6	0.5	20.0	<0.01	0.12	0.6
ZZ30474		0.47	42.8	830	17.2	16.0	<0.001	0.06	0.31	5.4	0.9	0.7	40.7	<0.01	0.02	2.2
ZZ30475		0.29	36.4	1120	24.7	14.4	<0.001	0.05	0.56	5.9	0.8	0.5	33.8	<0.01	0.04	2.6
ZZ30476		0.37	31.0	1220	17.3	18.9	<0.001	0.09	0.41	4.8	1.1	0.5	50.4	<0.01	0.03	1.7
ZZ30477		0.38	61.5	1470	16.8	16.0	0.001	0.11	1.75	3.9	1.6	0.5	44.8	<0.01	0.03	1.1
ZZ30478		0.41	57.8	1250	17.7	16.8	0.002	0.10	1.25	4.5	1.6	0.5	46.5	<0.01	0.03	1.3
ZZ30479		0.40	43.4	1290	18.1	14.5	0.001	0.10	1.02	4.5	1.3	0.5	44.8	<0.01	0.03	1.4
ZZ30480		0.35	38.0	1280	16.5	9.8	0.003	0.10	0.92	4.3	2.2	0.5	51.0	<0.01	0.03	1.3
ZZ30481		0.36	72.2	1350	14.9	11.3	0.002	0.11	1.41	4.6	2.1	0.5	65.2	<0.01	0.02	1.5
ZZ30482		0.17	105.0	1580	3.1	1.8	0.005	0.24	1.58	0.2	5.4	<0.2	76.9	<0.01	0.02	<0.2
ZZ30483		0.19	78.6	1800	11.0	5.3	0.003	0.11	3.23	2.2	3.9	0.4	101.0	<0.01	0.05	0.7
ZZ30484		0.25	267	1470	9.3	6.6	0.010	0.17	6.65	1.3	6.5	0.3	84.2	<0.01	0.05	0.2
ZZ30485		0.29	79.6	1040	15.3	7.2	0.003	0.04	7.27	4.0	4.0	0.5	33.0	<0.01	0.10	2.2
ZZ30486		0.34	38.2	850	20.9	7.4	0.004	0.08	2.19	3.7	3.0	0.5	47.7	<0.01	0.06	1.1
ZZ30487		0.36	44.9	830	13.4	7.7	0.002	0.10	2.83	3.1	2.4	0.4	58.5	<0.01	0.04	1.2
ZZ30488		0.31	68.4	1020	21.1	10.0	0.003	0.03	2.51	5.6	2.8	0.6	33.5	<0.01	0.07	3.0
ZZ30489		0.32	61.0	840	26.0	8.8	0.003	0.07	2.03	4.6	2.2	0.5	43.1	<0.01	0.04	2.3
ZZ30490		0.13	47.1	750	17.5	11.1	0.009	0.12	0.63	3.8	3.0	0.5	32.0	<0.01	0.08	1.5
ZZ30491		0.20	24.5	910	36.7	6.6	0.001	0.13	0.66	1.7	1.2	0.3	44.0	<0.01	0.02	0.6
ZZ30492		0.21	37.1	900	14.2	8.0	0.001	0.15	0.62	2.2	1.7	0.4	38.0	<0.01	0.07	0.7
ZZ30493		0.11	57.3	1040	14.5	9.0	0.002	0.16	0.69	4.1	2.3	0.4	51.6	<0.01	0.09	2.2
ZZ30494		0.22	31.8	960	12.0	7.1	0.005	0.15	0.62	2.4	3.5	0.3	54.1	<0.01	0.06	0.8
ZZ30495		0.21	37.9	920	9.8	5.8	0.005	0.18	0.76	2.0	4.6	0.3	72.5	<0.01	0.06	0.6

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30472		<0.005	0.37	4.54	185	0.05	14.40	572	3.0
ZZ30473		<0.005	0.28	3.02	135	0.06	9.27	425	0.7
ZZ30474		0.005	0.22	0.64	34	<0.05	13.20	93	5.2
ZZ30475		0.005	0.20	1.02	35	0.05	13.20	115	3.6
ZZ30476		0.006	0.17	1.30	29	<0.05	13.05	164	3.6
ZZ30477		0.006	0.22	2.41	113	0.07	11.55	1060	2.4
ZZ30478		0.005	0.20	1.95	69	0.06	11.85	894	2.5
ZZ30479		0.006	0.16	1.40	60	0.09	11.85	756	2.3
ZZ30480		0.005	0.17	1.23	51	0.05	13.05	316	1.9
ZZ30481		0.005	0.24	1.28	64	0.05	12.70	992	2.3
ZZ30482		<0.005	0.16	7.66	89	0.05	15.05	238	1.3
ZZ30483		0.005	0.16	3.64	178	0.13	28.7	383	2.0
ZZ30484		0.005	1.20	11.10	435	0.11	30.4	1660	2.3
ZZ30485		0.007	0.62	3.50	249	0.14	18.00	610	1.7
ZZ30486		<0.005	0.26	3.32	90	0.08	16.00	239	1.5
ZZ30487		0.005	0.31	3.80	74	0.09	16.45	200	1.9
ZZ30488		<0.005	0.46	2.73	94	0.08	21.3	446	1.5
ZZ30489		0.005	0.30	1.81	76	0.09	13.15	366	1.8
ZZ30490		<0.005	0.14	1.65	37	<0.05	15.10	217	2.3
ZZ30491		<0.005	0.15	1.63	21	<0.05	10.40	149	1.7
ZZ30492		<0.005	0.13	2.28	31	0.06	17.70	121	1.7
ZZ30493		<0.005	0.14	1.54	32	<0.05	17.90	184	1.6
ZZ30494		<0.005	0.09	2.12	36	0.14	15.15	119	1.4
ZZ30495		<0.005	0.09	4.32	31	<0.05	13.90	132	1.3

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124408

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)

Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24- JUL- 2013
Account: RCM

CERTIFICATE WH13124409

Project: Nadaleen

P.O. No.: SO13- 06

This report is for 143 Soil samples submitted to our lab in Whitehorse, YT, Canada on 9- JUL- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method / Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30671	0.19	0.001	0.21	0.92	99.9	<0.2	<10	220	0.39	0.15	3.61	3.78	11.45	9.3	19
ZZ30672	0.32	0.001	0.10	1.03	33.9	<0.2	<10	260	0.70	0.29	0.92	0.36	6.51	8.5	18
ZZ30673	0.13	0.002	0.09	0.48	2.1	<0.2	<10	210	0.18	0.09	4.22	1.23	4.54	2.2	6
ZZ30674	0.11	0.007	0.06	0.34	1.5	<0.2	<10	210	0.13	0.09	2.29	1.86	5.23	1.8	7
ZZ30675	0.18	0.002	0.15	0.90	5.8	<0.2	<10	270	0.41	0.19	1.69	0.90	16.35	5.1	24
ZZ30676	0.16	0.002	0.20	0.97	7.6	<0.2	<10	470	0.55	0.17	2.41	0.93	23.0	7.6	31
ZZ30677	0.15	0.002	0.85	1.31	7.4	<0.2	<10	620	0.63	0.20	3.58	12.85	12.75	9.0	21
ZZ30678	0.16	0.002	0.24	1.47	23.7	<0.2	<10	380	0.76	0.25	2.65	4.39	19.70	8.3	24
ZZ30679	0.19	0.014	0.32	1.78	48.9	<0.2	<10	510	0.95	0.27	1.92	3.81	25.7	12.0	33
ZZ30680	0.12	0.012	1.28	0.79	12.8	<0.2	<10	910	0.58	0.13	4.10	0.53	8.31	4.9	18
ZZ30681	0.12	0.004	1.56	0.79	18.3	<0.2	<10	1240	0.61	0.14	3.31	0.96	9.12	6.5	19
ZZ30682	0.09	0.005	1.46	0.50	15.1	<0.2	<10	1880	0.51	0.11	4.23	2.38	8.89	7.1	14
ZZ30683	0.10	0.004	0.90	0.62	23.2	<0.2	<10	1660	0.62	0.15	2.53	2.23	13.05	7.6	15
ZZ30684	0.23	0.005	0.62	0.80	44.9	<0.2	<10	1040	0.74	0.18	0.47	1.26	19.10	8.8	21
ZZ30685	0.28	0.008	0.92	0.42	15.8	<0.2	<10	1800	0.80	0.23	0.62	2.69	9.41	8.8	15
ZZ30686	0.26	0.003	0.54	0.47	42.7	<0.2	<10	1100	0.36	0.18	0.35	1.41	7.89	5.4	14
ZZ30687	0.14	0.003	2.37	1.21	19.6	<0.2	<10	780	0.81	0.15	0.96	3.78	23.0	30.0	20
ZZ30688	0.13	0.004	0.98	0.69	22.5	<0.2	<10	960	0.73	0.14	2.28	3.24	19.50	9.6	16
ZZ30689	0.24	0.004	0.68	0.82	22.4	<0.2	<10	730	0.66	0.12	1.66	2.53	21.5	9.9	18
ZZ30690	0.18	0.004	0.90	0.55	22.5	<0.2	<10	1050	0.68	0.13	2.11	3.12	17.00	8.9	15
ZZ30691	0.08	0.006	1.05	0.53	24.0	<0.2	10	1100	0.70	0.13	2.23	2.35	16.00	8.8	15
ZZ30692	0.06	NSS	0.44	0.42	12.2	<0.2	10	740	0.50	0.08	3.59	3.97	11.55	6.8	9
ZZ30693	0.09	0.003	0.62	0.42	19.7	<0.2	<10	700	0.54	0.11	1.81	1.84	10.00	7.2	11
ZZ30694	0.11	0.002	0.36	0.79	14.9	<0.2	<10	460	0.80	0.21	1.79	0.78	16.70	10.1	15
ZZ30695	0.30	0.001	0.10	1.19	14.2	<0.2	<10	720	0.83	0.26	0.58	0.34	12.85	10.7	18
ZZ30696	0.37	0.002	0.15	1.12	17.4	<0.2	<10	270	1.12	0.32	0.30	0.39	27.9	14.4	18
ZZ30697	0.34	0.001	0.11	0.70	9.6	<0.2	<10	380	1.26	0.48	0.27	0.10	22.2	17.0	10
ZZ30698	0.21	0.001	0.09	0.97	11.6	<0.2	<10	370	0.70	0.25	0.67	0.37	14.35	8.3	17
ZZ30699	0.22	0.001	0.04	1.50	11.1	<0.2	<10	360	0.47	0.22	0.16	0.16	23.2	9.2	24
ZZ30700	0.26	0.001	0.03	1.17	12.6	<0.2	<10	300	0.57	0.25	0.22	0.19	16.60	8.6	17
ZZ30701	0.36	0.002	0.29	0.52	41.0	<0.2	<10	460	0.62	0.18	4.10	0.61	11.25	10.5	13
ZZ30702	0.13	0.001	0.31	0.80	12.5	<0.2	<10	530	0.80	0.19	2.04	0.45	10.55	13.1	13
ZZ30703	0.25	0.002	0.18	0.85	16.2	<0.2	<10	520	1.02	0.27	0.70	0.63	11.10	14.5	16
ZZ30704	0.12	0.001	0.14	0.70	11.5	<0.2	<10	250	0.77	0.23	1.17	0.56	8.38	14.1	12
ZZ30705	0.27	0.003	0.71	0.90	36.1	<0.2	<10	1590	0.64	0.21	0.18	0.64	11.85	7.0	21
ZZ30706	0.20	0.003	0.99	0.56	84.2	<0.2	<10	830	0.50	0.18	1.09	0.38	7.36	5.0	18
ZZ30707	0.26	0.003	1.94	0.50	22.0	<0.2	<10	910	0.62	0.18	0.90	0.34	7.10	5.8	17
ZZ30708	0.12	0.003	0.50	0.58	37.0	<0.2	<10	1230	0.43	0.13	2.90	0.51	9.56	4.6	13
ZZ30709	0.43	0.003	1.10	0.25	15.9	<0.2	<10	870	0.38	0.18	0.89	0.49	7.23	7.0	9
ZZ30710	0.12	0.002	0.29	0.46	7.2	<0.2	<10	280	0.29	0.11	2.98	0.95	12.15	4.0	11

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30671		0.84	11.8	1.37	2.47	0.06	0.03	0.17	0.022	0.03	28.3	2.8	0.08	841	2.24	0.02
ZZ30672		1.08	21.8	3.18	3.23	<0.05	0.04	0.07	0.043	0.10	3.2	5.9	0.08	149	2.71	0.02
ZZ30673		0.26	8.7	0.55	1.29	<0.05	0.05	0.14	0.010	0.03	3.1	1.0	0.04	148	0.53	0.02
ZZ30674		0.25	10.0	0.53	0.98	<0.05	0.03	0.23	0.011	0.05	4.6	0.9	0.05	200	0.40	0.01
ZZ30675		0.49	12.6	1.60	2.76	0.06	0.02	0.15	0.024	0.05	18.7	4.6	0.11	402	1.00	0.02
ZZ30676		0.39	19.7	1.84	2.75	0.08	0.03	0.10	0.030	0.06	25.3	7.1	0.18	706	1.15	0.02
ZZ30677		0.75	17.3	2.00	3.09	<0.05	0.02	0.13	0.025	0.05	11.9	6.0	0.17	726	0.94	0.01
ZZ30678		0.47	17.9	2.42	3.78	0.05	0.03	0.10	0.029	0.09	17.4	8.3	0.28	435	1.85	0.01
ZZ30679		0.77	17.2	2.98	4.87	0.05	0.03	0.08	0.033	0.07	19.9	10.8	0.34	354	2.47	0.01
ZZ30680		0.55	34.8	1.38	2.20	0.05	0.06	0.25	0.023	0.07	7.3	4.4	0.10	50	2.18	0.01
ZZ30681		0.44	38.6	1.45	2.15	0.05	0.06	0.29	0.023	0.06	7.5	5.0	0.14	145	3.97	0.01
ZZ30682		0.24	34.2	1.31	1.34	<0.05	0.04	0.27	0.019	0.03	5.3	2.6	0.08	419	4.58	0.01
ZZ30683		0.35	37.2	1.91	1.90	<0.05	0.03	0.20	0.026	0.06	5.9	3.6	0.09	377	5.50	0.01
ZZ30684		0.42	47.7	2.63	2.73	0.05	0.03	0.16	0.036	0.10	9.4	4.3	0.10	238	5.29	0.01
ZZ30685		0.72	75.8	2.67	1.75	0.05	0.08	0.23	0.040	0.11	4.5	1.2	0.05	150	8.05	0.01
ZZ30686		0.52	32.5	2.19	2.38	<0.05	0.03	0.22	0.032	0.08	4.0	3.5	0.09	94	8.22	<0.01
ZZ30687		0.92	36.2	2.72	3.80	0.06	0.04	0.28	0.038	0.14	8.8	10.8	0.34	1190	8.32	<0.01
ZZ30688		0.50	50.8	2.20	2.42	0.07	0.05	0.27	0.029	0.09	8.5	6.9	0.19	291	4.83	<0.01
ZZ30689		0.51	40.4	2.45	2.95	0.05	0.06	0.21	0.032	0.10	9.0	9.5	0.26	247	4.34	<0.01
ZZ30690		0.43	49.1	2.11	2.04	0.06	0.05	0.25	0.033	0.08	7.4	5.2	0.17	269	4.81	<0.01
ZZ30691		0.45	50.0	2.13	2.07	0.05	0.05	0.27	0.034	0.08	7.0	5.2	0.16	235	5.51	<0.01
ZZ30692		0.27	35.7	1.37	1.45	0.05	0.06	0.19	0.022	0.07	5.7	4.5	0.17	250	2.86	<0.01
ZZ30693		0.25	37.3	1.79	1.51	<0.05	0.05	0.18	0.025	0.07	4.8	2.7	0.11	253	5.42	<0.01
ZZ30694		0.37	26.1	2.82	2.63	<0.05	0.04	0.50	0.034	0.07	7.2	9.3	0.19	291	5.90	<0.01
ZZ30695		0.90	25.7	3.69	3.51	<0.05	0.03	0.23	0.040	0.08	5.9	14.8	0.26	274	2.36	<0.01
ZZ30696		0.77	31.4	3.68	3.10	0.06	0.03	0.65	0.042	0.08	11.3	12.8	0.20	356	2.95	<0.01
ZZ30697		0.96	33.1	3.75	1.90	0.05	0.03	0.62	0.048	0.11	8.3	4.4	0.09	318	2.24	<0.01
ZZ30698		0.49	19.6	2.94	3.21	<0.05	0.03	0.33	0.033	0.07	6.0	9.9	0.23	258	3.17	<0.01
ZZ30699		0.92	10.0	3.03	4.99	<0.05	0.04	0.04	0.031	0.05	10.9	17.3	0.41	250	1.70	<0.01
ZZ30700		0.74	15.6	3.15	4.27	<0.05	0.02	0.07	0.035	0.05	7.2	13.1	0.27	213	2.02	<0.01
ZZ30701		0.50	24.3	3.57	1.60	<0.05	0.05	3.14	0.030	0.06	4.7	5.4	2.19	535	4.54	<0.01
ZZ30702		0.35	24.8	2.79	2.37	<0.05	0.03	0.33	0.035	0.06	4.3	7.1	0.39	698	2.65	<0.01
ZZ30703		0.57	39.2	3.67	2.50	<0.05	0.03	0.45	0.045	0.08	4.7	8.4	0.26	406	3.25	<0.01
ZZ30704		0.55	23.0	2.98	2.20	<0.05	0.04	0.25	0.041	0.09	3.1	7.5	0.25	582	3.04	<0.01
ZZ30705		1.21	39.9	2.98	2.85	0.05	0.02	0.09	0.037	0.08	6.6	5.6	0.09	141	8.05	<0.01
ZZ30706		0.88	26.3	2.11	1.96	<0.05	0.04	0.18	0.032	0.09	5.1	3.3	0.07	137	3.37	<0.01
ZZ30707		1.10	43.3	2.24	1.36	<0.05	0.04	0.19	0.039	0.09	4.2	2.4	0.04	137	3.25	0.01
ZZ30708		1.33	16.2	1.36	1.78	<0.05	0.05	0.15	0.022	0.05	10.0	3.0	0.08	263	1.81	<0.01
ZZ30709		2.98	37.8	2.21	0.76	0.05	0.03	0.15	0.037	0.10	4.7	1.5	0.04	81	1.78	<0.01
ZZ30710		0.55	12.7	1.09	1.43	<0.05	0.04	0.12	0.021	0.05	9.8	2.8	0.09	189	0.88	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ30671		0.27	22.6	2380	8.8	3.8	0.001	0.20	0.79	1.3	2.2	0.2	34.0	<0.01	0.03	<0.2
ZZ30672		0.15	25.7	940	17.1	13.1	0.001	0.10	0.31	3.4	0.8	0.5	29.9	<0.01	0.05	1.4
ZZ30673		0.33	8.6	1280	3.9	1.7	<0.001	0.27	0.28	0.6	0.9	0.2	40.2	<0.01	0.02	<0.2
ZZ30674		0.19	11.7	970	4.3	2.6	0.001	0.21	0.31	1.1	0.6	<0.2	28.9	<0.01	0.02	0.2
ZZ30675		0.36	17.0	1770	17.0	6.2	0.001	0.17	0.51	1.3	1.3	0.4	28.9	<0.01	0.03	0.2
ZZ30676		0.32	30.6	2090	15.3	6.4	0.001	0.15	0.83	1.5	1.8	0.4	32.7	<0.01	0.05	0.3
ZZ30677		0.50	38.8	2160	15.9	8.7	0.001	0.19	0.53	0.9	1.4	0.4	26.5	<0.01	0.04	0.2
ZZ30678		0.58	45.2	1730	36.5	9.6	0.001	0.13	0.78	1.4	1.4	0.5	19.1	<0.01	0.07	0.5
ZZ30679		0.82	75.7	880	71.2	8.4	<0.001	0.05	0.85	3.3	1.3	0.6	21.3	<0.01	0.08	1.1
ZZ30680		0.18	80.7	1000	9.4	6.6	0.005	0.16	0.98	2.2	4.2	0.4	47.0	<0.01	0.10	0.6
ZZ30681		0.22	75.9	1160	17.9	6.0	0.005	0.13	1.24	1.7	4.8	0.4	36.0	<0.01	0.06	0.5
ZZ30682		0.17	47.0	1120	19.8	3.6	0.011	0.17	2.73	1.4	6.7	0.3	76.4	<0.01	0.05	0.3
ZZ30683		0.21	42.6	1360	34.7	5.1	0.009	0.10	2.18	2.6	4.0	0.4	67.2	<0.01	0.06	1.0
ZZ30684		0.25	51.0	1190	65.7	7.0	0.003	0.02	2.09	4.6	3.0	0.5	38.5	<0.01	0.06	3.1
ZZ30685		0.09	74.4	1500	13.4	7.1	0.006	0.03	3.40	6.6	4.4	0.6	95.9	<0.01	0.11	3.5
ZZ30686		0.24	42.7	790	41.9	6.2	0.006	0.02	3.07	2.6	4.5	0.5	52.1	<0.01	0.06	2.4
ZZ30687		0.26	40.2	1270	27.7	13.2	0.002	0.08	2.98	4.6	3.0	0.5	39.9	<0.01	0.02	1.4
ZZ30688		0.23	57.2	1250	26.6	6.3	0.009	0.12	2.95	3.9	4.8	0.5	77.6	<0.01	0.06	1.3
ZZ30689		0.24	50.0	1290	22.3	7.1	0.007	0.08	2.51	3.8	4.1	0.5	59.7	<0.01	0.05	1.8
ZZ30690		0.19	59.9	1410	24.3	5.6	0.017	0.12	3.16	3.4	6.1	0.4	81.6	<0.01	0.08	1.2
ZZ30691		0.19	59.9	1320	24.6	6.3	0.011	0.13	3.58	3.8	6.5	0.4	88.7	<0.01	0.09	1.3
ZZ30692		0.18	49.2	930	12.5	4.6	0.019	0.17	2.00	2.1	3.5	0.3	86.3	<0.01	0.05	0.7
ZZ30693		0.14	45.8	870	12.7	5.1	0.004	0.08	3.22	2.7	3.3	0.3	61.5	<0.01	0.07	1.2
ZZ30694		0.28	32.2	750	16.7	6.1	0.005	0.08	0.94	3.9	2.0	0.4	50.9	<0.01	0.04	1.7
ZZ30695		0.28	32.6	440	20.5	8.8	<0.001	0.03	0.52	5.1	0.9	0.5	22.4	<0.01	0.05	2.9
ZZ30696		0.25	37.7	330	40.8	8.9	0.001	0.03	0.69	5.7	1.4	0.5	17.8	<0.01	0.05	5.2
ZZ30697		0.12	35.8	200	37.6	8.1	0.001	0.03	0.29	8.3	1.0	0.7	17.3	<0.01	0.02	6.2
ZZ30698		0.40	24.2	370	20.1	8.1	<0.001	0.04	0.47	3.3	0.9	0.5	25.9	<0.01	0.06	2.5
ZZ30699		1.00	19.0	330	15.5	10.2	<0.001	0.02	0.47	2.7	0.3	0.6	9.8	<0.01	0.03	3.2
ZZ30700		0.44	21.6	220	16.2	11.0	<0.001	0.02	0.39	2.9	0.4	0.6	9.5	<0.01	0.04	2.4
ZZ30701		0.11	33.1	670	65.5	4.3	0.001	0.06	1.23	4.3	1.7	0.4	34.1	<0.01	0.04	3.1
ZZ30702		0.26	28.6	710	14.6	6.0	0.001	0.08	0.48	3.3	1.9	0.4	36.2	<0.01	0.04	1.2
ZZ30703		0.21	44.1	550	20.6	7.6	0.002	0.05	0.53	5.7	1.6	0.5	26.5	<0.01	0.06	3.4
ZZ30704		0.18	29.6	590	16.7	8.7	0.003	0.07	0.49	4.6	1.3	0.5	33.6	<0.01	0.05	2.5
ZZ30705		0.22	76.1	1180	16.2	9.7	0.002	0.11	1.56	3.5	4.0	0.5	85.0	<0.01	0.10	0.7
ZZ30706		0.20	38.7	1260	11.7	7.2	0.001	0.17	1.23	2.8	3.2	0.4	67.7	<0.01	0.15	0.6
ZZ30707		0.08	49.5	860	11.4	8.3	0.003	0.18	1.25	4.5	3.5	0.4	76.4	<0.01	0.13	1.1
ZZ30708		0.28	19.6	1230	8.5	5.0	0.001	0.21	0.73	1.5	2.0	0.2	58.9	<0.01	0.07	0.3
ZZ30709		0.06	47.8	710	12.9	7.6	0.002	0.09	1.61	3.9	2.7	0.3	36.0	<0.01	0.16	2.3
ZZ30710		0.27	13.4	1400	6.5	3.0	<0.001	0.21	0.47	1.3	1.3	0.2	47.6	<0.01	0.06	0.4

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30671		0.008	0.13	3.06	41	0.05	43.0	170	0.8
ZZ30672		<0.005	0.19	0.67	34	<0.05	4.30	117	1.0
ZZ30673		0.013	0.06	0.71	12	<0.05	4.76	50	2.0
ZZ30674		0.010	0.04	0.91	14	<0.05	7.98	125	1.2
ZZ30675		0.010	0.08	3.80	69	0.08	32.6	129	0.6
ZZ30676		0.009	0.08	4.79	79	0.10	46.9	157	0.8
ZZ30677		0.010	0.08	0.67	53	0.08	22.2	350	0.5
ZZ30678		0.013	0.13	0.43	71	0.13	22.4	202	0.9
ZZ30679		0.014	0.23	0.89	83	0.21	23.1	367	0.9
ZZ30680		<0.005	0.39	4.63	54	<0.05	27.1	159	2.4
ZZ30681		<0.005	0.32	3.38	59	0.06	20.4	157	2.0
ZZ30682		<0.005	0.28	5.31	81	0.06	13.30	142	1.5
ZZ30683		<0.005	0.20	2.79	98	0.06	11.95	258	1.1
ZZ30684		<0.005	0.21	2.79	128	0.06	16.80	373	0.8
ZZ30685		<0.005	0.28	2.08	126	<0.05	23.8	599	4.7
ZZ30686		<0.005	0.28	1.52	109	0.07	8.51	333	1.2
ZZ30687		<0.005	0.38	1.79	71	0.09	11.95	319	1.2
ZZ30688		<0.005	0.27	2.78	88	0.05	19.50	339	1.8
ZZ30689		<0.005	0.25	2.03	98	<0.05	15.95	352	1.8
ZZ30690		<0.005	0.24	3.02	105	0.07	17.95	367	1.6
ZZ30691		<0.005	0.29	3.27	97	0.06	18.30	396	1.8
ZZ30692		<0.005	0.14	4.74	56	<0.05	10.45	260	2.1
ZZ30693		<0.005	0.17	1.90	94	<0.05	11.05	293	1.9
ZZ30694		<0.005	0.13	2.10	44	0.05	10.30	129	1.4
ZZ30695		<0.005	0.13	0.94	39	0.05	10.05	114	1.1
ZZ30696		<0.005	0.19	1.29	41	0.06	13.10	116	1.2
ZZ30697		<0.005	0.22	1.23	14	<0.05	14.45	61	1.1
ZZ30698		0.006	0.10	0.84	37	0.09	5.34	100	0.9
ZZ30699		0.020	0.12	0.51	49	0.22	3.49	74	1.5
ZZ30700		0.006	0.14	0.55	45	0.09	3.08	97	0.6
ZZ30701		<0.005	0.22	1.04	34	<0.05	10.35	165	1.4
ZZ30702		<0.005	0.07	1.29	27	0.06	7.75	67	0.9
ZZ30703		<0.005	0.13	1.67	29	<0.05	11.80	145	0.9
ZZ30704		<0.005	0.11	0.95	26	<0.05	6.99	132	1.4
ZZ30705		0.006	0.22	2.30	54	0.10	19.25	293	<0.5
ZZ30706		<0.005	0.38	1.74	46	0.08	14.20	174	1.4
ZZ30707		<0.005	0.16	2.52	39	<0.05	18.65	185	1.5
ZZ30708		0.008	0.14	1.11	25	0.05	21.2	96	1.6
ZZ30709		<0.005	0.17	1.15	17	<0.05	19.75	200	0.9
ZZ30710		0.009	0.10	0.74	20	0.05	19.05	101	1.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30711		0.19	0.001	0.27	0.79	45.0	<0.2	<10	340	0.68	0.17	3.32	2.05	20.8	7.9	24
ZZ30712		0.10	<0.001	0.09	0.61	30.6	<0.2	<10	310	0.42	0.12	4.43	2.51	8.78	4.6	9
ZZ30713		0.45	0.003	0.64	1.02	112.0	<0.2	<10	1130	0.95	0.20	5.39	1.38	23.0	10.1	20
ZZ30714		0.24	0.002	0.58	0.90	188.0	<0.2	10	430	0.98	0.23	2.81	1.63	16.15	9.3	27
ZZ30715		0.22	0.002	0.72	0.95	133.0	<0.2	<10	210	0.59	0.31	0.99	1.52	8.34	8.4	37
ZZ30716		0.29	0.001	0.53	0.52	250	<0.2	<10	250	0.54	0.16	0.92	1.08	7.85	7.3	22
ZZ30717		0.22	0.007	0.29	0.77	227	<0.2	<10	300	0.76	0.21	3.28	1.22	15.75	11.4	24
ZZ30718		0.20	0.007	0.28	0.75	84.3	<0.2	<10	210	0.49	0.19	1.51	2.31	10.55	7.2	20
ZZ30719		0.14	0.003	0.27	0.53	37.1	<0.2	<10	260	0.75	0.19	3.57	0.16	5.64	5.9	13
ZZ30720		0.11	0.007	0.25	0.85	67.9	<0.2	<10	360	0.62	0.17	2.94	1.40	10.80	7.8	19
ZZ30721		0.15	0.007	0.22	0.75	22.3	<0.2	<10	340	0.88	0.22	2.01	1.24	9.75	10.0	23
ZZ30722		0.10	0.005	0.20	0.94	10.8	<0.2	<10	450	0.74	0.21	2.91	0.65	8.74	9.5	25
ZZ30723		0.11	0.014	0.11	1.02	10.4	<0.2	<10	260	0.76	0.22	2.61	0.78	7.71	11.5	18
ZZ30724		0.12	0.005	0.08	1.06	9.0	<0.2	<10	430	0.67	0.16	3.13	0.33	7.66	9.5	15
ZZ30725		0.18	0.002	0.17	1.34	15.3	<0.2	<10	360	0.78	0.21	1.75	0.48	14.50	12.9	23
ZZ30726		0.26	0.003	1.14	0.86	13.8	<0.2	<10	610	0.60	0.21	2.38	1.41	11.60	12.1	20
ZZ30727		0.23	0.001	0.29	1.67	18.9	<0.2	<10	800	0.74	0.24	1.54	1.76	26.5	10.5	33
ZZ30728		0.26	0.005	1.61	0.59	17.8	<0.2	<10	790	0.45	0.15	3.06	1.15	9.69	7.4	17
ZZ30729		0.19	0.005	1.15	0.67	14.2	<0.2	<10	1240	0.46	0.13	3.74	1.45	12.30	7.1	18
ZZ30730		0.08	0.016	1.85	0.42	7.3	<0.2	10	1550	0.42	0.12	3.36	4.25	12.10	6.2	13
ZZ30731		0.33	0.008	1.17	0.46	18.5	<0.2	<10	1330	0.62	0.18	1.10	2.68	19.45	10.9	19
ZZ30732		0.10	0.010	0.79	0.67	15.5	<0.2	<10	1070	0.59	0.12	3.11	1.73	12.55	7.8	15
ZZ30733		0.24	0.003	0.51	1.26	35.1	<0.2	<10	560	0.75	0.17	1.49	2.43	41.4	15.0	22
ZZ30734		0.14	0.003	0.46	1.45	12.2	<0.2	<10	360	0.71	0.14	1.82	1.68	37.8	15.0	21
ZZ30735		0.16	0.002	0.39	1.80	13.1	<0.2	<10	280	0.76	0.15	1.56	0.89	53.7	19.5	30
ZZ30736		0.15	0.001	0.43	1.40	13.8	<0.2	<10	360	0.71	0.14	1.74	1.45	35.1	14.8	22
ZZ30737		0.12	0.003	1.03	0.75	18.2	<0.2	<10	330	0.58	0.13	1.75	3.52	32.1	14.8	21
ZZ30738		0.10	0.002	0.68	0.77	15.6	<0.2	<10	500	0.61	0.14	2.60	1.77	15.35	7.8	18
ZZ30739		0.09	0.008	0.35	0.69	15.3	<0.2	10	810	0.55	0.12	4.37	1.29	15.45	7.6	13
ZZ30740		0.14	0.003	0.27	1.02	18.0	<0.2	<10	440	0.64	0.19	2.52	0.98	19.80	9.9	18
ZZ30741		0.11	0.011	0.43	0.77	17.0	<0.2	<10	330	0.60	0.15	4.15	0.61	17.60	7.7	12
ZZ30742		0.15	0.003	0.19	1.16	17.2	<0.2	<10	400	0.69	0.22	2.59	0.49	16.10	9.5	17
ZZ30743		0.13	0.007	0.16	0.73	14.5	<0.2	10	380	0.55	0.17	4.03	0.57	14.30	9.1	10
ZZ30744		0.16	0.002	0.11	0.81	14.0	<0.2	10	310	0.56	0.16	3.92	0.47	11.45	8.8	10
ZZ30745		0.19	0.006	0.12	1.05	26.1	<0.2	10	300	0.73	0.18	3.90	0.40	19.50	9.6	15
ZZ30746		0.14	0.003	0.18	0.74	32.4	<0.2	10	280	0.63	0.18	4.31	0.40	15.85	8.7	10
ZZ30747		0.14	0.004	0.60	1.06	38.8	<0.2	<10	360	0.56	0.16	3.51	1.15	14.30	9.6	21
ZZ30748		0.07	0.010	0.43	0.97	35.3	<0.2	<10	520	0.57	0.16	3.43	1.37	13.85	8.9	17
ZZ30749		0.11	0.002	0.28	1.20	52.6	<0.2	<10	480	0.67	0.20	1.92	1.95	23.5	12.0	22
ZZ30750		0.14	0.004	0.46	0.97	73.4	<0.2	<10	860	0.67	0.20	3.31	2.26	19.50	11.0	20

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description / Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ30711	0.60	16.0	1.70	2.48	0.07	0.02	0.19	0.026	0.04	26.0	5.1	0.13	584	1.24	<0.01
ZZ30712	0.46	12.3	1.02	1.78	0.05	0.03	0.15	0.015	0.05	12.9	3.4	0.11	559	0.82	<0.01
ZZ30713	0.63	23.4	2.75	3.07	0.05	0.06	0.20	0.029	0.10	18.0	9.7	0.42	440	2.73	<0.01
ZZ30714	0.53	32.3	2.36	2.95	0.07	0.09	0.22	0.037	0.14	18.7	5.8	0.14	424	6.75	<0.01
ZZ30715	0.94	46.6	2.48	4.12	0.06	0.05	0.13	0.054	0.08	7.7	5.4	0.07	122	19.15	<0.01
ZZ30716	1.01	27.1	1.55	1.77	0.08	0.08	1.12	0.025	0.09	11.1	3.0	0.05	260	5.23	<0.01
ZZ30717	1.24	33.8	2.06	2.67	0.10	0.08	0.40	0.035	0.11	25.6	6.6	0.12	360	4.34	<0.01
ZZ30718	0.59	18.0	1.69	2.48	0.05	0.05	0.09	0.023	0.09	10.2	4.9	0.11	339	4.03	<0.01
ZZ30719	0.53	22.9	2.15	1.51	<0.05	0.05	0.34	0.037	0.07	4.2	2.0	0.03	116	1.74	<0.01
ZZ30720	0.50	22.8	2.02	2.75	0.05	0.05	0.17	0.029	0.07	9.2	10.6	0.20	368	1.34	<0.01
ZZ30721	0.37	28.8	2.83	2.17	<0.05	0.05	0.14	0.038	0.08	6.6	8.1	0.15	235	1.70	<0.01
ZZ30722	0.40	23.4	2.22	2.68	<0.05	0.05	0.12	0.021	0.07	6.0	9.8	0.18	375	1.24	0.01
ZZ30723	0.66	24.4	2.51	2.98	<0.05	0.05	0.08	0.022	0.08	4.0	16.4	0.28	418	1.24	0.01
ZZ30724	0.51	31.0	2.56	2.90	<0.05	0.05	0.08	0.027	0.07	3.8	11.8	0.23	853	0.75	0.01
ZZ30725	0.69	25.8	3.27	3.86	<0.05	0.06	0.09	0.036	0.10	7.8	17.0	0.36	319	1.24	0.01
ZZ30726	0.35	22.5	2.41	2.24	<0.05	0.05	0.19	0.036	0.08	7.4	4.8	0.15	270	3.82	<0.01
ZZ30727	0.66	18.5	2.85	4.82	0.07	0.05	0.06	0.039	0.08	18.0	9.3	0.30	260	3.42	<0.01
ZZ30728	0.43	38.2	1.71	1.73	<0.05	0.06	0.25	0.028	0.08	7.5	3.2	0.12	145	4.31	<0.01
ZZ30729	0.38	30.8	1.71	2.04	<0.05	0.07	0.21	0.025	0.07	9.0	4.5	0.23	190	1.89	<0.01
ZZ30730	1.78	64.7	1.88	1.35	0.05	0.07	0.84	0.029	0.10	9.1	2.5	0.14	288	1.70	<0.01
ZZ30731	1.08	65.0	2.57	2.07	0.08	0.04	0.26	0.042	0.13	7.4	1.7	0.05	285	6.85	<0.01
ZZ30732	0.60	51.3	1.92	2.06	<0.05	0.06	0.21	0.027	0.07	7.8	3.1	0.11	355	2.93	<0.01
ZZ30733	0.79	37.6	3.49	4.17	0.10	0.08	0.18	0.041	0.13	19.0	13.7	0.41	458	5.65	<0.01
ZZ30734	0.70	34.7	3.05	4.45	0.09	0.09	0.13	0.036	0.15	16.0	14.2	0.52	428	3.74	<0.01
ZZ30735	0.79	34.7	3.92	6.13	0.13	0.09	0.14	0.048	0.17	22.4	24.7	0.81	427	3.30	<0.01
ZZ30736	0.58	31.2	3.03	4.49	0.08	0.08	0.17	0.035	0.16	14.8	15.5	0.55	441	3.09	<0.01
ZZ30737	0.53	51.6	3.55	2.46	0.11	0.05	0.28	0.039	0.14	14.4	5.9	0.26	471	7.73	<0.01
ZZ30738	0.31	31.1	2.00	2.20	<0.05	0.05	0.70	0.026	0.06	7.8	5.8	0.29	300	2.60	<0.01
ZZ30739	0.36	27.0	1.84	2.02	<0.05	0.06	1.08	0.023	0.06	7.9	5.2	0.78	330	1.32	<0.01
ZZ30740	0.35	26.8	2.55	2.97	<0.05	0.05	0.96	0.030	0.08	9.7	8.9	0.34	407	1.26	<0.01
ZZ30741	0.51	21.1	1.90	2.14	<0.05	0.06	0.84	0.026	0.08	8.3	6.0	0.46	380	0.99	<0.01
ZZ30742	0.69	26.4	2.71	3.20	<0.05	0.04	0.57	0.032	0.08	7.7	12.1	0.44	305	1.12	<0.01
ZZ30743	0.42	23.4	2.17	2.04	<0.05	0.05	0.63	0.026	0.08	6.3	7.9	0.49	384	0.96	<0.01
ZZ30744	0.50	23.0	2.02	2.19	<0.05	0.05	0.41	0.025	0.07	5.3	7.3	0.41	309	0.82	<0.01
ZZ30745	0.41	22.6	2.59	2.81	<0.05	0.07	0.41	0.030	0.12	9.2	9.5	1.09	525	0.99	<0.01
ZZ30746	0.59	29.4	2.11	2.07	<0.05	0.06	1.68	0.027	0.12	7.0	7.1	0.97	339	0.93	<0.01
ZZ30747	1.06	27.8	2.10	3.08	<0.05	0.05	0.27	0.027	0.08	12.5	8.2	0.25	331	2.58	0.01
ZZ30748	0.63	31.4	2.28	2.67	<0.05	0.05	0.31	0.026	0.08	10.1	7.1	0.27	422	1.25	0.01
ZZ30749	0.72	22.6	2.93	3.69	0.07	0.05	0.19	0.032	0.08	14.4	10.3	0.33	681	1.92	<0.01
ZZ30750	0.85	28.6	2.68	2.94	0.06	0.05	0.24	0.031	0.10	15.4	9.0	0.39	453	2.93	0.01

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To: ATAC RESOURCES LTD.
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Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ30711	0.27	20.8	1620	11.8	5.1	<0.001	0.19	0.77	1.2	2.5	0.3	35.6	<0.01	0.11	0.3
ZZ30712	0.26	11.7	1480	10.3	3.6	<0.001	0.24	0.47	0.7	1.1	0.2	35.9	<0.01	0.08	0.2
ZZ30713	0.36	38.9	1000	76.0	6.3	<0.001	0.07	1.38	3.4	2.0	0.4	52.9	<0.01	0.09	1.2
ZZ30714	0.27	67.0	990	33.5	7.3	0.001	0.10	1.46	3.4	6.1	0.5	38.5	<0.01	0.07	0.7
ZZ30715	0.30	102.0	600	24.9	6.6	0.001	0.06	1.96	4.3	22.2	1.0	27.8	<0.01	0.11	0.9
ZZ30716	0.11	50.1	1180	12.1	8.5	0.002	0.11	2.01	2.9	15.5	0.4	35.0	<0.01	0.06	0.7
ZZ30717	0.19	60.4	1600	18.2	7.8	0.001	0.09	1.71	3.4	7.9	0.5	43.9	<0.01	0.14	1.0
ZZ30718	0.32	34.7	910	12.8	9.1	0.001	0.09	1.01	2.6	3.5	0.4	22.9	<0.01	0.07	0.6
ZZ30719	0.07	19.3	680	11.7	6.1	0.002	0.13	0.49	3.2	2.7	0.4	35.9	<0.01	0.03	0.9
ZZ30720	0.30	28.9	1170	19.2	9.8	0.003	0.16	0.69	2.0	2.7	0.4	39.7	<0.01	0.06	0.6
ZZ30721	0.16	32.8	850	20.0	6.5	0.001	0.12	0.66	3.3	2.2	0.4	30.2	<0.01	0.08	1.0
ZZ30722	0.22	32.3	910	12.8	7.4	0.002	0.13	0.57	2.5	1.8	0.4	32.3	<0.01	0.05	0.8
ZZ30723	0.17	35.9	840	12.8	7.8	<0.001	0.12	0.45	3.3	1.1	0.4	29.7	<0.01	0.04	1.3
ZZ30724	0.20	28.3	890	11.1	9.2	0.001	0.15	0.49	2.6	<0.2	0.4	45.2	<0.01	<0.01	0.9
ZZ30725	0.38	36.5	710	15.7	9.6	0.001	0.08	0.45	4.7	0.6	0.5	38.0	<0.01	0.01	2.5
ZZ30726	0.35	57.9	750	15.3	5.8	0.003	0.09	1.21	2.6	3.3	0.5	28.6	<0.01	0.07	0.6
ZZ30727	0.76	54.1	430	15.3	6.1	0.001	0.04	1.06	4.7	1.4	0.7	21.7	0.01	0.11	1.8
ZZ30728	0.17	85.3	980	9.3	6.3	0.003	0.10	1.49	2.3	3.4	0.4	40.4	0.01	0.11	0.7
ZZ30729	0.20	51.0	1410	9.8	5.6	0.003	0.12	1.21	2.4	2.1	0.4	50.3	<0.01	0.07	0.8
ZZ30730	0.14	73.6	1370	9.3	11.1	0.010	0.19	2.40	7.5	5.4	0.4	80.6	0.01	<0.01	1.3
ZZ30731	0.13	83.8	2110	12.0	7.9	0.007	0.06	4.87	7.3	5.1	0.6	84.1	<0.01	0.09	4.6
ZZ30732	0.18	57.1	1270	8.5	6.7	0.007	0.14	2.47	3.0	3.0	0.4	67.3	<0.01	<0.01	1.0
ZZ30733	0.40	57.1	1100	16.5	8.6	0.004	0.05	2.47	6.6	2.4	0.6	50.3	<0.01	0.02	3.8
ZZ30734	0.37	33.4	930	13.4	11.1	0.002	0.09	2.26	4.8	1.1	0.5	53.3	<0.01	<0.01	2.3
ZZ30735	0.42	42.2	1230	13.8	11.9	0.001	0.06	1.51	6.2	0.8	0.6	49.7	<0.01	0.01	3.1
ZZ30736	0.39	33.7	1040	13.3	11.7	0.001	0.07	1.73	4.5	0.8	0.5	48.8	<0.01	<0.01	2.2
ZZ30737	0.27	59.9	1660	14.8	7.7	0.004	0.06	2.77	5.2	3.6	0.4	57.2	0.01	0.03	1.7
ZZ30738	0.30	41.6	770	11.6	5.6	0.003	0.09	1.51	2.6	2.2	0.4	73.2	<0.01	<0.01	0.8
ZZ30739	0.30	25.9	930	11.1	4.9	0.001	0.12	1.20	2.1	0.7	0.3	115.5	<0.01	<0.01	0.8
ZZ30740	0.48	26.6	700	14.6	5.9	0.001	0.07	0.91	3.4	0.8	0.5	74.0	<0.01	0.01	1.2
ZZ30741	0.30	17.1	810	13.1	6.9	<0.001	0.09	0.62	2.0	<0.2	0.4	163.5	<0.01	<0.01	0.7
ZZ30742	0.50	24.3	570	15.4	7.3	<0.001	0.07	0.72	3.3	0.2	0.5	57.3	<0.01	<0.01	0.9
ZZ30743	0.33	21.0	570	13.6	5.1	<0.001	0.10	0.67	2.5	<0.2	0.3	116.5	<0.01	<0.01	0.8
ZZ30744	0.29	19.3	640	11.4	5.2	<0.001	0.10	0.54	2.5	<0.2	0.3	97.5	<0.01	<0.01	0.7
ZZ30745	0.39	21.4	630	15.1	8.0	<0.001	0.06	0.59	4.1	<0.2	0.4	39.8	<0.01	0.02	1.8
ZZ30746	0.23	22.0	1040	15.6	5.7	<0.001	0.11	0.98	2.3	0.4	0.4	116.5	<0.01	0.02	0.8
ZZ30747	0.44	49.0	820	11.6	8.7	0.002	0.09	1.05	3.2	2.6	0.4	48.9	<0.01	<0.01	0.7
ZZ30748	0.42	32.1	850	14.0	6.7	0.001	0.10	1.11	2.8	1.0	0.4	55.6	<0.01	<0.01	0.7
ZZ30749	0.51	29.6	940	18.8	9.6	0.001	0.05	1.04	3.7	1.0	0.5	32.7	<0.01	0.07	1.3
ZZ30750	0.46	41.7	1030	18.3	7.9	0.001	0.07	1.55	4.0	1.8	0.4	54.1	0.01	0.11	1.4

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30711		0.007	0.14	2.41	39	0.11	51.2	144	0.7
ZZ30712		0.007	0.09	0.54	21	0.08	22.2	127	0.9
ZZ30713		0.011	0.32	0.78	51	0.21	30.0	252	1.5
ZZ30714		<0.005	0.38	1.21	52	0.15	47.5	231	2.0
ZZ30715		<0.005	0.29	1.98	70	0.11	13.85	377	1.6
ZZ30716		<0.005	0.80	3.17	40	0.14	36.6	189	2.4
ZZ30717		<0.005	0.40	6.19	52	0.12	56.2	247	2.5
ZZ30718		0.006	0.17	1.73	39	0.08	21.5	202	1.2
ZZ30719		<0.005	0.12	1.93	22	<0.05	9.04	61	1.6
ZZ30720		<0.005	0.14	2.14	33	0.07	19.90	204	1.6
ZZ30721		<0.005	0.12	1.18	30	<0.05	14.85	169	1.6
ZZ30722		<0.005	0.10	1.58	33	0.07	12.90	101	1.5
ZZ30723		<0.005	0.10	0.92	26	<0.05	9.59	106	1.7
ZZ30724		<0.005	0.09	1.30	24	0.05	9.36	70	1.5
ZZ30725		<0.005	0.12	0.62	36	0.12	15.00	113	1.7
ZZ30726		<0.005	0.15	2.12	44	0.09	17.20	181	1.5
ZZ30727		0.009	0.19	1.17	86	0.15	25.0	207	1.1
ZZ30728		<0.005	0.22	3.13	43	0.08	25.8	242	1.9
ZZ30729		<0.005	0.21	2.38	62	0.08	20.8	179	1.9
ZZ30730		<0.005	0.54	2.48	48	0.05	24.8	171	2.5
ZZ30731		<0.005	0.28	4.04	137	0.05	21.6	552	1.3
ZZ30732		<0.005	0.23	3.16	82	0.05	19.90	240	1.6
ZZ30733		<0.005	0.28	1.75	96	0.07	17.90	285	2.6
ZZ30734		<0.005	0.18	1.26	60	0.05	13.85	173	3.0
ZZ30735		<0.005	0.19	1.08	69	0.05	12.40	175	2.7
ZZ30736		<0.005	0.15	1.49	66	<0.05	12.20	187	2.5
ZZ30737		<0.005	0.14	3.12	172	0.07	23.2	347	1.4
ZZ30738		<0.005	0.10	2.65	90	0.06	13.75	169	1.6
ZZ30739		<0.005	0.10	4.26	39	0.06	11.25	104	1.9
ZZ30740		0.005	0.10	2.90	42	0.09	11.65	110	1.6
ZZ30741		<0.005	0.12	5.84	27	0.05	9.15	71	2.0
ZZ30742		0.005	0.13	3.15	34	0.07	10.20	83	1.3
ZZ30743		<0.005	0.10	2.86	21	0.05	9.50	69	1.6
ZZ30744		<0.005	0.09	2.59	21	<0.05	8.29	67	1.5
ZZ30745		<0.005	0.10	1.08	28	0.08	11.60	85	2.0
ZZ30746		<0.005	0.20	3.22	18	0.05	11.00	72	1.8
ZZ30747		0.005	0.21	2.66	43	0.10	21.6	173	1.5
ZZ30748		0.005	0.17	1.90	42	0.08	17.55	152	1.8
ZZ30749		0.008	0.16	1.22	54	0.10	18.05	174	1.2
ZZ30750		0.008	0.22	1.33	55	0.16	25.6	234	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30751		0.22	0.003	0.50	1.44	79.5	<0.2	<10	530	0.77	0.26	2.16	2.71	26.3	13.6	29
ZZ30752		0.12	0.005	0.62	1.01	59.6	<0.2	<10	650	0.57	0.19	1.18	1.49	17.90	8.8	23
ZZ30753		0.15	0.004	1.59	0.62	76.7	<0.2	<10	1150	0.50	0.16	1.21	3.40	12.30	7.9	23
ZZ30754		0.08	0.005	0.99	0.42	57.8	<0.2	<10	540	0.48	0.13	2.43	13.15	16.60	12.6	12
ZZ30755		0.10	0.003	1.61	0.74	101.5	<0.2	<10	380	0.76	0.16	2.21	8.67	25.8	9.3	23
ZZ30756		0.23	0.005	1.59	0.39	47	<0.2	<10	190	0.74	0.13	11.25	7.57	25.5	7.4	17
ZZ30757		0.21	0.003	2.07	0.49	103.0	<0.2	<10	170	0.66	0.14	5.85	8.82	27.4	8.2	18
ZZ30758		0.13	0.003	1.13	1.00	233	<0.2	<10	300	0.96	0.19	1.43	7.13	28.7	10.5	25
ZZ30759		0.17	0.002	1.02	1.01	180.5	<0.2	<10	310	1.11	0.19	1.16	5.62	30.9	10.9	24
ZZ30760		0.22	0.004	3.74	0.52	170.0	<0.2	<10	280	0.91	0.14	0.51	8.49	24.0	7.3	37
ZZ30761		0.14	0.002	1.89	0.83	118.0	<0.2	<10	270	0.97	0.17	1.32	9.10	31.2	10.4	24
ZZ30762		0.13	0.001	1.41	0.72	57.5	<0.2	<10	240	0.92	0.18	2.99	9.18	34.9	10.7	14
ZZ30763		0.17	0.003	0.61	0.84	25.0	<0.2	<10	190	0.94	0.15	0.35	2.18	37.3	8.5	23
ZZ30764		0.23	0.002	0.53	0.40	17.1	<0.2	<10	120	0.83	0.17	3.98	3.57	37.9	10.6	6
ZZ30765		0.21	0.002	0.30	1.32	7.3	<0.2	<10	290	1.10	0.16	0.73	1.02	83.0	13.1	24
ZZ30766		0.21	0.002	0.08	1.92	12.4	<0.2	<10	430	1.04	0.12	0.22	0.19	31.0	13.8	50
ZZ30767		0.20	0.001	0.07	1.68	15.9	<0.2	<10	330	1.37	0.10	0.75	0.44	98.2	13.1	28
ZZ30768		0.22	0.004	0.77	0.87	75.7	<0.2	<10	260	0.88	0.22	0.40	1.91	21.8	9.4	18
ZZ30769		0.23	0.005	2.80	1.04	264	<0.2	<10	800	1.03	0.10	1.11	17.60	62.7	22.1	23
ZZ30770		0.16	0.003	0.60	1.63	94.0	<0.2	<10	880	1.13	0.21	0.44	3.61	35.8	17.8	25
ZZ30771		0.29	0.004	0.81	1.29	32.8	<0.2	10	930	1.34	0.25	0.73	2.73	27.0	18.3	22
ZZ30772		0.17	0.002	0.48	1.36	29.3	<0.2	<10	310	1.23	0.15	0.69	2.21	49.2	12.0	18
ZZ30773		0.20	0.009	0.92	1.00	25.6	<0.2	<10	170	0.96	0.23	1.07	2.66	32.0	12.2	19
ZZ30774		0.18	0.001	0.88	0.95	25.2	<0.2	<10	260	0.91	0.18	2.01	2.51	25.9	11.0	17
ZZ30775		0.11	0.006	0.73	0.67	20.1	<0.2	<10	250	0.71	0.12	2.56	2.30	21.1	6.6	12
ZZ30776		0.12	0.007	1.67	0.72	64.2	<0.2	<10	340	0.82	0.15	2.70	9.90	20.1	8.0	20
ZZ30777		0.09	0.006	1.51	0.79	116.0	<0.2	10	360	0.84	0.14	3.26	7.50	22.1	9.1	28
ZZ30778		0.06	0.006	0.65	0.96	37.3	<0.2	<10	380	0.81	0.12	3.05	7.28	19.10	8.0	19
ZZ30779		0.18	0.004	1.18	1.33	79.6	<0.2	<10	380	1.16	0.22	2.11	2.95	31.7	11.5	36
ZZ30780		0.17	0.004	1.53	0.81	163.0	<0.2	<10	190	0.87	0.17	6.52	8.44	29.5	9.1	40
ZZ30781		0.12	0.002	1.31	0.84	137.0	<0.2	10	240	0.98	0.17	2.16	6.50	25.2	9.7	21
ZZ30782		0.09	0.002	1.28	0.80	108.5	<0.2	<10	370	0.89	0.16	2.98	8.55	24.6	8.0	30
ZZ30783		0.26	0.004	0.27	0.47	31.3	<0.2	<10	390	0.51	0.21	0.17	0.87	5.66	7.4	9
ZZ30784		0.28	0.007	2.81	0.66	248	<0.2	<10	920	0.80	0.20	0.87	2.17	11.35	6.6	23
ZZ30785		0.16	0.002	0.10	1.75	31.2	<0.2	<10	250	0.66	0.21	0.20	0.66	17.85	9.3	29
ZZ30786		0.21	0.004	0.89	0.48	53.2	<0.2	<10	720	0.57	0.14	1.03	3.80	10.20	5.2	14
ZZ30787		0.27	0.007	0.70	1.17	48.7	<0.2	<10	470	0.72	0.17	0.68	1.35	19.90	8.5	24
ZZ30788		0.23	0.005	0.42	1.76	39.3	<0.2	<10	470	1.25	0.24	1.25	0.57	19.60	16.9	29
ZZ30789		0.23	0.001	0.74	1.07	25.2	<0.2	<10	280	0.91	0.18	2.33	1.60	37.6	8.8	15
ZZ30790		0.22	0.003	1.39	0.54	104.5	<0.2	<10	160	0.79	0.16	2.59	3.33	30.7	8.8	10

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ30751		0.93	33.3	3.27	4.22	0.11	0.06	0.50	0.038	0.12	22.0	13.8	0.39	590	2.68	0.01
ZZ30752		0.64	26.1	2.54	3.04	0.05	0.05	0.20	0.031	0.09	10.4	8.6	0.23	326	3.25	0.01
ZZ30753		1.59	52.8	2.53	1.86	0.07	0.06	0.26	0.032	0.10	7.5	4.0	0.15	253	5.59	<0.01
ZZ30754		1.67	53.8	1.65	1.63	0.05	0.04	0.29	0.025	0.09	9.2	2.3	0.16	600	5.36	<0.01
ZZ30755		1.14	44.0	2.23	2.49	0.08	0.05	0.31	0.031	0.11	18.3	5.0	0.21	252	12.55	<0.01
ZZ30756		1.79	39.3	1.78	1.44	0.06	0.05	0.23	0.029	0.14	18.6	3.7	5.24	149	14.75	0.01
ZZ30757		1.75	41.1	1.94	1.82	0.07	0.05	0.22	0.026	0.13	18.7	4.6	2.27	198	14.70	0.01
ZZ30758		1.35	43.8	2.79	2.95	0.05	0.05	0.29	0.032	0.09	18.0	7.5	0.23	356	7.94	0.01
ZZ30759		0.99	40.3	2.92	3.04	0.06	0.06	0.25	0.032	0.11	20.1	8.0	0.25	380	7.61	0.01
ZZ30760		1.29	78.3	2.24	2.12	0.07	0.05	0.39	0.028	0.12	21.0	4.3	0.08	160	15.25	0.01
ZZ30761		1.09	43.8	2.68	2.58	0.06	0.06	0.24	0.029	0.11	21.6	6.7	0.17	397	11.40	0.01
ZZ30762		0.65	23.1	2.89	2.30	0.06	0.06	0.13	0.033	0.10	22.4	4.6	0.97	358	10.55	0.01
ZZ30763		0.65	39.6	2.97	2.30	0.06	0.05	0.09	0.030	0.10	19.9	6.1	0.12	330	12.50	<0.01
ZZ30764		0.75	28.0	2.51	1.23	0.06	0.05	0.12	0.032	0.12	22.4	2.9	1.44	175	17.35	0.01
ZZ30765		0.22	26.3	3.80	2.37	0.07	0.06	0.06	0.046	0.10	21.7	10.7	0.20	394	3.57	0.01
ZZ30766		0.44	16.0	4.96	4.98	<0.05	0.07	0.02	0.051	0.14	10.4	15.4	0.30	477	1.61	0.01
ZZ30767		0.41	11.3	6.76	3.66	0.10	0.06	0.04	0.056	0.09	35.0	14.8	0.26	988	2.04	0.01
ZZ30768		1.69	68.8	3.43	3.72	0.05	<0.02	0.07	0.028	0.16	12.1	3.8	0.09	401	11.50	0.01
ZZ30769		1.54	563	5.71	2.98	0.12	0.02	0.23	0.049	0.28	33.9	2.9	0.09	382	21.1	0.01
ZZ30770		1.21	129.0	4.67	4.19	0.06	0.04	0.09	0.048	0.15	15.6	12.1	0.23	779	8.27	0.01
ZZ30771		1.16	92.3	4.09	3.85	0.05	0.05	0.17	0.041	0.17	12.4	13.2	0.36	676	6.73	0.01
ZZ30772		0.60	35.0	3.91	3.72	0.06	0.06	0.05	0.044	0.14	16.8	14.3	0.25	610	7.67	0.01
ZZ30773		0.64	44.7	3.55	3.03	0.06	0.07	0.12	0.032	0.12	18.9	10.8	0.40	316	5.17	0.01
ZZ30774		0.32	36.5	3.05	2.77	<0.05	0.06	0.14	0.032	0.10	14.2	10.0	0.25	425	5.08	0.01
ZZ30775		0.34	19.0	1.90	1.86	<0.05	0.04	0.14	0.024	0.07	13.2	4.6	0.19	267	4.22	0.01
ZZ30776		0.58	38.6	2.09	2.29	<0.05	0.05	0.27	0.028	0.09	14.4	5.4	0.17	274	10.65	<0.01
ZZ30777		0.52	48.4	2.05	2.58	0.05	0.06	0.27	0.024	0.09	16.7	6.6	0.22	358	5.23	0.01
ZZ30778		0.64	29.1	1.90	2.66	<0.05	0.05	0.18	0.017	0.05	13.9	6.8	0.21	477	2.90	0.01
ZZ30779		0.46	38.5	3.43	3.58	0.06	0.06	0.23	0.031	0.10	26.2	11.7	0.40	382	6.69	0.01
ZZ30780		0.66	70.9	2.45	2.67	0.06	0.04	0.31	0.023	0.10	25.4	7.7	1.46	296	16.90	0.01
ZZ30781		1.05	39.7	2.61	2.46	<0.05	0.05	0.29	0.030	0.10	16.7	6.9	0.38	287	8.87	0.01
ZZ30782		0.60	55.1	1.90	2.86	0.06	0.06	0.42	0.022	0.08	22.5	7.8	0.21	338	7.02	0.01
ZZ30783		2.39	63.8	2.96	1.85	<0.05	<0.02	0.06	0.030	0.11	2.5	1.2	0.04	90	14.70	0.01
ZZ30784		1.05	53.3	2.98	1.71	0.05	0.03	0.42	0.040	0.09	7.6	3.7	0.06	148	7.97	0.01
ZZ30785		0.97	20.3	3.21	4.73	<0.05	0.03	0.06	0.028	0.06	9.3	13.8	0.30	222	4.47	0.01
ZZ30786		1.36	41.4	1.94	1.47	<0.05	0.03	0.20	0.028	0.09	4.9	3.2	0.11	108	5.40	0.01
ZZ30787		0.99	30.5	2.73	3.46	<0.05	0.04	0.25	0.027	0.08	12.1	12.2	0.30	247	3.38	0.01
ZZ30788		0.80	40.2	3.84	4.86	<0.05	0.09	0.33	0.035	0.10	11.3	19.0	0.53	500	3.64	0.01
ZZ30789		0.44	17.2	2.84	3.07	0.05	0.06	0.08	0.031	0.09	21.6	5.5	0.62	312	4.71	0.01
ZZ30790		0.37	23.4	2.29	1.59	<0.05	0.08	0.12	0.027	0.11	19.1	3.2	0.22	260	5.85	0.01

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Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30751		0.67	44.0	1210	21.0	10.0	0.001	0.06	1.37	4.9	2.2	0.6	44.2	0.01	0.10	1.9
ZZ30752		0.40	35.6	780	17.8	7.1	0.001	0.07	1.51	3.5	1.8	0.4	32.2	<0.01	0.06	1.4
ZZ30753		0.19	90.2	1450	29.5	8.8	0.003	0.12	2.02	4.4	5.0	0.4	117.0	0.01	0.11	1.4
ZZ30754		0.22	170.5	890	11.2	10.1	0.010	0.11	4.78	2.0	3.6	0.3	62.5	<0.01	0.02	0.7
ZZ30755		0.32	103.5	810	15.7	10.0	0.003	0.08	7.98	2.5	3.1	0.4	51.5	0.01	0.04	0.8
ZZ30756		0.16	75.6	780	12.3	8.1	0.002	0.02	7.71	4.2	3.3	0.4	104.5	0.01	0.20	2.7
ZZ30757		0.24	94.9	860	16.4	9.2	0.002	0.03	7.81	3.8	2.9	0.3	85.3	0.01	0.14	2.6
ZZ30758		0.35	114.0	920	19.4	11.8	0.002	0.11	3.53	2.4	2.4	0.5	41.5	<0.01	0.09	0.8
ZZ30759		0.33	106.5	840	18.4	10.2	0.001	0.09	3.84	2.8	2.8	0.5	33.9	<0.01	0.08	0.9
ZZ30760		0.14	90.8	410	15.9	8.1	0.002	0.04	8.49	5.0	3.6	0.5	28.7	<0.01	0.17	3.0
ZZ30761		0.34	88.3	1040	16.9	8.9	0.002	0.08	5.53	3.1	2.9	0.4	26.7	<0.01	0.10	1.3
ZZ30762		0.23	66.7	1300	16.5	8.7	0.001	0.07	4.53	2.9	1.8	0.4	65.5	<0.01	0.06	1.3
ZZ30763		0.20	54.2	810	14.6	7.6	0.001	0.05	6.06	2.6	3.0	0.4	12.3	<0.01	0.09	1.3
ZZ30764		0.07	71.7	420	13.0	7.2	0.002	0.04	9.09	4.7	1.9	0.3	37.5	<0.01	0.05	3.6
ZZ30765		0.13	51.0	970	16.0	6.7	0.001	0.07	0.75	3.7	1.3	0.3	18.4	<0.01	0.04	2.4
ZZ30766		0.50	41.4	1230	9.9	9.3	<0.001	0.08	0.29	4.0	0.6	0.7	14.7	<0.01	0.04	1.8
ZZ30767		0.34	33.1	1200	10.1	5.7	<0.001	0.09	0.27	6.5	0.9	0.5	36.1	<0.01	0.03	2.6
ZZ30768		0.05	27.1	4240	43.6	11.3	0.001	0.13	5.74	0.2	3.5	0.6	39.2	<0.01	0.14	<0.2
ZZ30769		0.17	71.1	9140	17.8	9.0	0.004	0.24	8.05	3.3	5.3	0.6	111.0	<0.01	0.16	1.0
ZZ30770		0.23	43.2	2690	26.6	11.0	0.001	0.10	2.95	2.8	2.4	0.6	44.5	<0.01	0.09	0.8
ZZ30771		0.22	47.3	1620	26.6	9.9	0.001	0.05	2.74	6.3	1.9	0.6	41.9	<0.01	0.09	4.0
ZZ30772		0.39	37.6	1750	17.1	8.1	0.002	0.10	3.18	2.9	1.4	0.7	40.4	<0.01	0.05	1.6
ZZ30773		0.34	47.2	1310	21.7	8.4	0.001	0.05	2.79	4.9	1.6	0.4	46.3	<0.01	0.07	3.3
ZZ30774		0.24	40.3	1100	18.4	6.0	0.002	0.09	2.62	3.2	2.1	0.4	70.0	<0.01	0.06	1.1
ZZ30775		0.23	31.4	830	10.6	6.1	<0.001	0.13	2.26	1.9	1.5	0.3	46.2	<0.01	0.05	0.6
ZZ30776		0.32	126.0	870	15.2	8.5	0.002	0.13	5.90	1.6	3.8	0.4	37.3	<0.01	0.11	0.5
ZZ30777		0.36	116.0	1150	12.3	6.2	0.006	0.14	4.37	2.0	3.3	0.4	59.3	<0.01	0.07	0.6
ZZ30778		0.45	91.0	1240	10.4	6.0	0.007	0.18	2.58	1.5	3.3	0.3	55.8	<0.01	0.04	0.5
ZZ30779		0.39	81.6	1120	24.9	7.4	0.001	0.07	2.67	4.5	2.3	0.6	50.8	<0.01	0.10	2.5
ZZ30780		0.28	167.5	1560	21.5	6.9	0.002	0.09	6.62	2.8	3.0	0.5	83.0	<0.01	0.11	1.1
ZZ30781		0.31	125.5	810	17.6	8.8	0.002	0.10	4.56	2.5	2.9	0.4	42.7	<0.01	0.08	0.8
ZZ30782		0.38	122.5	1200	14.3	6.4	0.003	0.14	4.63	1.7	4.0	0.5	62.2	<0.01	0.11	0.5
ZZ30783		0.13	54.3	830	17.1	10.3	0.001	0.04	3.66	2.0	2.7	0.5	14.5	<0.01	0.10	1.1
ZZ30784		0.12	83.3	1220	13.2	6.5	0.003	0.09	2.18	4.7	5.4	0.4	68.0	<0.01	0.19	1.5
ZZ30785		0.59	36.7	480	16.5	9.5	0.001	0.05	0.90	3.1	1.2	0.6	15.7	<0.01	0.06	2.1
ZZ30786		0.14	65.9	1010	15.8	8.5	0.005	0.10	1.91	2.8	4.1	0.4	64.2	<0.01	0.08	1.2
ZZ30787		0.46	42.3	870	15.7	7.7	0.001	0.05	1.24	4.3	2.0	0.5	30.3	<0.01	0.07	2.2
ZZ30788		0.26	54.4	570	24.0	8.7	<0.001	0.09	1.05	6.6	1.8	0.7	37.6	<0.01	0.06	3.8
ZZ30789		0.31	32.6	1090	15.6	8.9	0.001	0.09	2.46	2.6	1.6	0.4	76.8	<0.01	0.05	1.1
ZZ30790		0.16	46.0	870	11.7	5.5	<0.001	0.11	4.02	2.5	2.2	0.2	64.7	<0.01	0.04	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ30751		0.013	0.23	1.24	65	0.21	39.6	232	1.1
ZZ30752		0.006	0.21	1.46	67	0.14	15.95	205	1.2
ZZ30753		<0.005	0.32	2.92	70	0.10	25.0	433	1.5
ZZ30754		<0.005	0.46	7.83	130	0.08	18.45	1040	1.4
ZZ30755		0.005	0.62	7.18	310	0.14	27.7	735	1.5
ZZ30756		<0.005	0.39	4.66	256	0.09	27.8	519	1.6
ZZ30757		0.006	0.44	4.76	270	0.14	28.5	807	1.6
ZZ30758		0.007	0.86	2.88	259	0.18	24.8	1150	1.5
ZZ30759		0.007	0.52	2.37	220	0.14	26.6	710	1.5
ZZ30760		<0.005	0.18	3.04	549	0.28	44.1	677	2.1
ZZ30761		0.007	0.34	4.52	293	0.17	30.9	712	1.6
ZZ30762		0.006	0.49	2.07	103	0.08	23.8	651	1.4
ZZ30763		<0.005	0.20	3.16	265	0.10	22.8	518	1.1
ZZ30764		<0.005	0.59	2.69	67	<0.05	20.1	327	1.8
ZZ30765		<0.005	0.21	1.04	30	<0.05	16.10	190	1.7
ZZ30766		<0.005	0.21	0.51	45	0.05	5.44	92	1.4
ZZ30767		<0.005	0.13	0.49	26	0.06	17.45	85	2.1
ZZ30768		<0.005	0.73	5.46	127	0.09	9.59	307	<0.5
ZZ30769		<0.005	1.57	11.35	349	0.10	30.5	883	<0.5
ZZ30770		0.005	1.27	3.81	110	0.09	18.00	383	0.7
ZZ30771		<0.005	0.27	1.82	87	0.07	15.00	334	1.4
ZZ30772		<0.005	0.42	1.36	75	0.08	11.85	385	1.7
ZZ30773		0.009	0.29	1.52	67	0.09	19.00	270	1.9
ZZ30774		<0.005	0.22	2.22	84	0.07	16.65	241	1.5
ZZ30775		0.005	0.22	2.84	88	0.06	14.75	228	1.2
ZZ30776		0.005	0.53	3.72	250	0.10	20.9	698	1.4
ZZ30777		0.007	0.41	4.04	257	0.16	24.8	757	1.8
ZZ30778		0.007	0.23	9.56	103	0.12	19.80	1140	1.5
ZZ30779		0.006	0.23	2.52	175	0.12	29.5	508	1.6
ZZ30780		0.007	0.50	5.33	334	0.17	36.0	1080	1.3
ZZ30781		0.005	0.63	2.23	180	0.14	22.0	786	1.4
ZZ30782		0.006	0.59	4.48	300	0.13	30.9	759	1.5
ZZ30783		<0.005	0.56	1.18	72	0.05	3.46	438	<0.5
ZZ30784		<0.005	0.37	1.46	59	0.10	28.1	297	0.8
ZZ30785		0.006	0.20	0.95	80	0.16	7.40	151	0.8
ZZ30786		<0.005	0.29	2.00	60	0.14	15.15	539	1.1
ZZ30787		0.010	0.21	1.21	68	0.23	16.20	192	1.1
ZZ30788		<0.005	0.25	0.99	71	0.08	21.1	184	2.8
ZZ30789		<0.005	0.32	1.88	88	0.07	16.15	207	1.4
ZZ30790		<0.005	0.33	1.26	70	0.10	20.9	288	2.0

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30791		0.21	0.001	0.44	0.91	344	<0.2	<10	200	1.39	0.19	1.99	16.75	28.0	13.1	18
ZZ30792		0.20	0.006	2.90	0.79	736	<0.2	<10	190	0.93	0.15	3.27	14.40	46.7	8.4	62
ZZ30793		0.19	0.009	2.29	0.97	483	<0.2	<10	230	0.90	0.15	3.51	25.8	31.8	7.8	44
ZZ30794		0.21	0.012	2.27	1.18	187.0	<0.2	<10	450	0.92	0.24	1.97	8.12	27.6	9.6	29
ZZ30795		0.26	0.012	2.01	0.86	92.8	<0.2	<10	1190	0.60	0.21	0.69	3.22	15.70	4.9	22
ZZ30796		0.18	0.003	0.85	0.68	72.1	<0.2	<10	530	0.63	0.13	2.53	4.80	13.90	6.0	14
ZZ30797		0.24	0.003	0.70	1.19	99.6	<0.2	<10	760	0.68	0.22	0.96	1.04	17.05	9.3	25
ZZ30798		0.09	0.005	0.37	0.47	22.4	<0.2	10	970	0.27	0.07	5.95	0.98	7.36	3.9	8
ZZ30799		0.15	0.002	0.18	0.49	32.1	<0.2	<10	170	0.20	0.15	1.27	1.51	8.51	3.3	11
ZZ30800		0.10	<0.001	0.53	1.06	57.0	<0.2	<10	630	0.45	0.16	3.51	0.77	12.80	7.6	19
ZZ30801		0.23	0.002	0.68	0.93	49.4	<0.2	<10	810	0.50	0.19	2.01	0.76	16.50	8.4	19
ZZ30802		0.23	0.004	0.90	1.35	84.9	<0.2	<10	650	0.87	0.24	1.88	0.87	19.35	11.5	26
ZZ30803		0.31	0.005	1.77	0.63	57.3	<0.2	<10	1010	0.59	0.17	1.24	1.68	11.00	6.1	21
ZZ30804		0.29	0.008	3.17	1.02	384	<0.2	<10	360	0.93	0.16	2.66	26.1	25.9	8.7	40
ZZ30805		0.20	0.005	2.32	0.92	689	<0.2	<10	150	0.76	0.19	5.57	19.85	36.8	10.4	42
ZZ30806		0.11	0.007	0.98	1.59	795	<0.2	<10	210	1.38	0.25	2.48	24.1	39.7	16.4	36
ZZ30807		0.16	0.005	0.58	1.09	480	<0.2	<10	150	0.79	0.21	2.31	13.50	26.1	11.3	23
ZZ30808		0.24	0.001	0.79	0.74	760	<0.2	<10	140	0.94	0.19	2.45	9.64	32.3	10.9	19
ZZ30809		0.14	0.004	0.90	1.07	103.5	<0.2	<10	290	0.60	0.17	3.32	26.5	24.2	5.9	21
ZZ30810		0.18	0.001	0.69	1.02	34.1	<0.2	<10	240	1.00	0.22	2.18	10.05	42.8	12.7	17
ZZ30811		0.23	<0.001	0.25	1.10	25.7	<0.2	<10	230	0.69	0.23	0.92	1.17	35.2	9.8	20
ZZ30812		0.25	<0.001	0.56	1.30	15.2	<0.2	<10	280	1.06	0.24	1.74	1.41	40.2	9.0	18
ZZ30813		0.27	0.001	0.26	1.55	21.6	<0.2	<10	300	1.01	0.25	0.98	1.88	30.7	9.7	19

ALS Minerals

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30791		0.52	28.0	2.98	2.74	0.05	0.06	0.18	0.036	0.10	20.7	3.9	0.18	595	11.45	0.01
ZZ30792		0.54	48.1	2.11	2.69	0.10	0.05	1.50	0.021	0.07	44.4	4.5	0.13	322	7.22	0.01
ZZ30793		0.86	45.7	2.10	3.11	0.08	0.04	1.44	0.026	0.08	34.0	5.6	0.18	441	8.53	0.01
ZZ30794		1.60	35.6	2.14	3.81	0.07	0.05	1.55	0.024	0.07	18.6	7.8	0.20	337	3.29	0.01
ZZ30795		2.25	42.0	1.52	3.31	<0.05	0.04	0.48	0.021	0.10	9.1	5.5	0.15	172	6.71	0.01
ZZ30796		1.37	54.5	1.75	2.28	<0.05	0.05	0.36	0.027	0.06	8.5	5.2	0.16	316	4.57	<0.01
ZZ30797		1.85	24.6	2.46	3.63	0.05	0.07	0.28	0.036	0.08	11.3	8.6	0.22	309	1.69	<0.01
ZZ30798		1.06	22.1	0.86	1.46	<0.05	0.03	0.22	0.014	0.02	7.4	1.7	0.09	361	0.60	<0.01
ZZ30799		0.62	7.7	1.11	2.45	<0.05	0.02	0.11	0.016	0.03	6.1	1.6	0.03	116	1.22	<0.01
ZZ30800		1.43	23.4	1.75	3.24	<0.05	0.05	0.28	0.024	0.05	10.7	5.9	0.16	416	1.36	<0.01
ZZ30801		0.92	22.2	2.07	2.85	<0.05	0.04	0.25	0.029	0.05	12.0	7.9	0.20	361	1.65	<0.01
ZZ30802		1.81	35.3	2.50	4.01	0.07	0.08	0.42	0.037	0.08	16.3	10.1	0.25	408	1.40	<0.01
ZZ30803		1.36	46.3	2.25	1.98	0.05	0.06	0.23	0.031	0.09	7.0	4.8	0.12	143	3.98	<0.01
ZZ30804		1.73	79.6	1.93	3.59	0.10	0.07	2.89	0.035	0.09	23.9	6.9	0.20	230	16.35	<0.01
ZZ30805		1.50	65.6	2.40	3.59	0.12	0.05	2.30	0.031	0.09	32.0	5.6	0.36	461	41.2	<0.01
ZZ30806		1.11	28.3	3.85	4.77	0.13	0.07	0.64	0.039	0.09	37.2	7.1	0.21	682	26.4	<0.01
ZZ30807		0.95	18.4	2.47	3.77	0.05	0.05	0.41	0.031	0.10	16.7	5.2	0.18	556	9.60	<0.01
ZZ30808		0.54	21.6	2.47	2.81	0.08	0.07	0.20	0.035	0.09	19.9	3.4	0.09	491	4.48	<0.01
ZZ30809		0.60	20.1	1.69	2.98	0.05	0.05	0.22	0.025	0.06	22.5	3.6	0.14	456	3.94	<0.01
ZZ30810		0.45	22.4	2.85	3.14	0.08	0.07	0.10	0.037	0.09	23.0	4.4	0.19	547	7.42	<0.01
ZZ30811		0.44	17.2	2.89	3.63	<0.05	0.06	0.05	0.034	0.09	10.9	6.5	0.17	446	3.11	<0.01
ZZ30812		0.55	19.4	2.84	3.94	0.10	0.06	0.09	0.033	0.08	26.8	7.1	0.21	379	2.65	<0.01
ZZ30813		0.96	19.2	3.28	4.58	0.06	0.08	0.05	0.039	0.10	11.1	9.6	0.21	418	3.25	<0.01

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Finalized Date: 24-JUL-2013
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CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30791		0.22	68.9	1270	21.4	7.2	<0.001	0.13	5.96	2.6	2.4	0.4	39.3	<0.01	0.08	0.7
ZZ30792		0.29	128.0	1630	64.6	5.8	0.002	0.18	6.13	3.6	4.2	0.5	49.5	<0.01	0.09	0.4
ZZ30793		0.32	117.0	1420	180.0	7.5	0.001	0.15	6.63	3.8	4.2	0.5	49.5	<0.01	0.09	0.4
ZZ30794		0.55	69.4	1050	281	9.9	0.003	0.09	4.90	4.3	3.3	0.5	47.4	<0.01	0.06	1.1
ZZ30795		0.29	33.1	790	41.2	10.0	0.004	0.07	4.23	3.4	2.9	0.6	32.9	<0.01	0.09	1.2
ZZ30796		0.24	47.0	1150	19.9	6.6	0.007	0.13	4.06	2.0	4.1	0.3	61.7	<0.01	<0.01	0.5
ZZ30797		0.44	38.5	1000	18.3	12.3	0.001	0.07	0.94	3.8	2.5	0.5	29.8	<0.01	0.04	1.1
ZZ30798		0.22	21.0	1420	4.5	3.2	0.001	0.24	0.84	0.6	3.7	0.2	84.2	0.01	<0.01	<0.2
ZZ30799		0.35	10.4	840	8.7	3.0	0.001	0.13	0.34	1.5	<0.2	0.3	20.0	<0.01	<0.01	0.3
ZZ30800		0.49	24.5	1270	10.3	6.2	0.001	0.16	0.85	1.7	0.7	0.4	45.0	0.01	<0.01	0.3
ZZ30801		0.41	31.0	1020	11.8	6.9	0.001	0.10	0.93	2.1	1.4	0.4	44.9	0.01	<0.01	0.4
ZZ30802		0.54	42.5	1100	16.2	12.2	0.001	0.10	1.01	3.7	2.7	0.5	35.7	0.01	0.04	1.1
ZZ30803		0.21	67.5	1360	18.6	7.7	0.003	0.13	1.59	4.3	4.6	0.3	103.0	<0.01	0.03	1.2
ZZ30804		0.42	179.5	1480	92.1	10.3	0.004	0.10	7.53	3.5	6.8	0.6	40.6	0.01	0.07	0.8
ZZ30805		0.40	192.0	1880	81.3	8.7	0.003	0.12	10.90	2.2	5.1	0.6	58.3	0.01	0.06	0.4
ZZ30806		0.49	207	1430	37.0	8.8	0.001	0.10	6.72	4.8	2.9	0.7	40.7	0.01	0.06	0.7
ZZ30807		0.51	65.4	1410	22.9	10.5	0.001	0.12	3.18	3.6	1.0	0.5	28.9	0.01	<0.01	0.7
ZZ30808		0.27	42.1	1120	15.7	7.3	0.001	0.11	2.59	3.6	1.7	0.4	56.7	0.01	0.01	1.0
ZZ30809		0.40	31.9	2480	12.0	7.5	0.001	0.21	2.68	2.7	1.5	0.4	38.3	0.01	<0.01	0.4
ZZ30810		0.29	44.6	1500	18.2	8.0	0.001	0.14	5.85	2.4	1.3	0.4	49.3	0.01	<0.01	1.0
ZZ30811		0.38	31.0	1170	16.7	15.2	<0.001	0.07	1.66	2.6	0.5	0.4	47.2	<0.01	0.01	1.4
ZZ30812		0.44	28.1	1320	16.4	11.2	<0.001	0.09	1.81	2.6	1.3	0.4	80.9	0.01	0.01	1.0
ZZ30813		0.39	31.0	1370	20.2	15.2	<0.001	0.07	1.68	3.3	0.4	0.5	39.4	<0.01	<0.01	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30791		0.005	0.29	2.86	111	0.29	30.5	687	1.4
ZZ30792		0.005	0.77	5.46	290	0.35	66.8	865	1.2
ZZ30793		0.006	0.89	3.81	492	0.34	54.2	1500	1.2
ZZ30794		0.009	1.02	4.67	316	0.21	24.7	754	1.7
ZZ30795		0.006	0.63	3.67	157	0.13	11.10	282	1.2
ZZ30796		<0.005	0.28	4.10	79	0.09	16.05	256	1.4
ZZ30797		0.007	0.33	2.12	57	0.14	24.0	218	1.5
ZZ30798		<0.005	0.13	8.01	19	0.05	16.65	32	1.0
ZZ30799		0.013	0.10	1.11	33	0.08	7.10	138	0.6
ZZ30800		0.007	0.24	2.66	41	0.11	20.6	90	1.3
ZZ30801		0.008	0.15	1.66	37	0.15	21.3	132	0.8
ZZ30802		0.006	0.39	3.13	59	0.14	34.4	176	1.9
ZZ30803		<0.005	0.24	2.86	52	0.09	25.3	251	1.9
ZZ30804		0.007	1.27	6.92	419	0.31	55.1	2660	1.7
ZZ30805		0.007	1.90	8.76	389	0.41	49.0	1960	1.2
ZZ30806		0.008	1.68	5.11	347	0.54	67.5	1700	1.0
ZZ30807		0.009	1.02	6.42	226	0.37	29.6	715	1.2
ZZ30808		<0.005	0.44	3.53	189	0.49	36.2	432	1.6
ZZ30809		0.008	0.25	6.94	149	0.13	31.3	620	1.4
ZZ30810		0.005	0.33	3.64	120	0.07	23.1	414	1.6
ZZ30811		0.005	0.29	1.18	71	0.10	8.56	202	1.5
ZZ30812		0.007	0.21	2.21	68	0.14	25.4	146	1.3
ZZ30813		<0.005	0.33	1.38	58	0.10	9.98	226	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124409

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	NSS is non-sufficient sample.
Applies to Method:	ALL METHODS
	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method:	ME-MS41
	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method:	ME-MS41

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

ALS Minerals
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

CERTIFICATE WH13128447

Project: Nadaleen
P.O. No.: SO13-07
This report is for 224 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30496		0.34	0.001	0.17	1.48	11.6	<0.2	<10	220	1.17	0.19	0.51	0.44	51.9	18.3	43
ZZ30497		0.35	0.001	0.15	1.60	12.1	<0.2	<10	280	1.24	0.29	0.55	0.65	19.35	17.5	29
ZZ30498		0.34	0.001	0.11	1.55	11.4	<0.2	<10	210	0.91	0.28	0.35	1.00	15.25	14.7	30
ZZ30499		0.38	0.006	0.49	0.69	11.0	<0.2	<10	930	0.67	0.19	2.73	1.68	15.90	10.1	15
ZZ30500		0.36	0.003	0.07	1.39	10.8	<0.2	<10	400	0.70	0.23	0.68	0.31	14.85	8.6	24
DD024501		0.23	0.003	0.22	1.34	7.8	<0.2	<10	670	0.77	0.20	1.55	1.57	19.90	6.9	23
DD024502		0.33	0.001	0.22	0.93	7.5	<0.2	<10	480	0.50	0.22	0.50	3.82	12.95	16.7	21
DD024503		0.23	0.003	0.26	0.96	5.9	<0.2	<10	760	0.61	0.18	2.55	19.05	11.25	7.3	17
DD024504		0.48	0.008	1.06	0.88	12.8	<0.2	<10	1140	0.89	0.21	2.26	2.35	23.1	14.6	20
DD024505		0.30	0.006	0.84	0.90	12.5	<0.2	<10	1090	1.05	0.20	1.32	2.05	28.4	11.8	20
DD024506		0.28	0.003	0.95	0.91	14.2	<0.2	<10	500	0.74	0.17	2.18	1.42	14.70	6.6	26
DD024507		0.30	0.002	0.42	0.87	11.6	<0.2	10	370	0.62	0.21	2.10	3.46	19.05	11.1	29
DD024508		0.23	0.009	0.21	0.54	12.6	<0.2	10	400	0.36	0.11	3.67	1.17	7.51	3.5	15
DD024509		0.25	0.001	0.20	0.61	7.4	<0.2	10	370	0.36	0.12	3.25	3.15	8.19	3.7	14
DD024510		0.22	0.007	0.27	0.69	8.2	<0.2	<10	530	0.35	0.10	3.08	1.47	8.06	3.3	12
DD024511		0.33	0.002	0.20	0.97	18.3	<0.2	<10	210	0.42	0.21	0.13	0.54	9.99	4.4	23
DD024512		0.38	0.002	0.41	1.11	6.2	<0.2	<10	650	0.85	0.22	1.65	1.05	15.85	5.5	19
DD024513		0.39	0.003	0.72	0.86	28.6	<0.2	<10	440	0.72	0.25	5.35	1.74	17.20	11.2	21
DD024514		0.24	0.005	0.25	1.14	21.1	<0.2	10	320	0.62	0.20	3.80	3.47	21.5	9.3	21
DD024516		0.38	0.003	0.71	0.53	22.3	<0.2	10	280	0.35	0.26	0.51	0.28	6.04	2.8	13
DD024517		0.33	0.004	0.38	0.90	29.4	<0.2	10	280	0.56	0.21	6.27	2.53	16.75	9.6	21
DD024518		0.30	0.004	0.22	1.14	13.9	<0.2	<10	270	0.57	0.18	4.35	2.83	24.1	10.1	24
DD024519		0.53	0.007	1.86	0.39	118.5	<0.2	<10	1140	0.55	0.25	0.54	1.01	10.90	11.7	28
DD024520		0.50	0.008	3.12	0.39	21.6	<0.2	<10	1560	0.54	0.17	0.70	1.73	8.42	5.8	35
DD024521		0.25	0.002	3.39	0.36	21.4	<0.2	10	1340	0.57	0.14	1.43	1.10	7.89	6.2	25
DD024522		0.34	0.008	2.74	0.23	16.9	<0.2	<10	600	0.44	0.16	1.32	1.26	8.16	4.6	27
DD024523		0.30	0.007	2.57	0.39	24.5	<0.2	<10	1030	0.60	0.18	1.06	0.91	11.35	4.5	36
DD024524		0.22	0.009	1.31	0.67	101.5	<0.2	10	760	0.34	0.17	2.62	1.58	10.05	8.2	33
DD024525		0.53	0.002	0.44	0.30	34	<0.2	<10	310	0.20	0.14	14.35	2.60	9.07	6.0	18
DD024526		0.28	0.003	0.18	0.89	21	<0.2	10	470	0.70	0.23	14.95	4.06	20.9	8.1	35
DD024527		0.20	0.005	0.20	0.56	12.8	<0.2	10	180	0.36	0.14	4.59	3.60	11.85	5.6	12
DD024528		0.31	0.006	0.83	1.08	61.4	<0.2	10	610	0.94	0.27	2.47	4.20	23.7	11.9	37
DD024529		0.23	0.002	0.45	1.32	16.6	<0.2	<10	870	0.97	0.24	1.44	0.74	15.90	7.7	28
DD024530		0.27	0.005	1.75	0.60	14.4	<0.2	10	1040	0.74	0.17	1.98	1.47	7.55	3.3	21
DD024531		0.10	<0.001	0.14	0.29	3.5	<0.2	10	490	0.17	0.08	4.26	2.10	3.90	2.3	6
DD024532		0.37	0.004	0.33	1.08	15.5	<0.2	<10	300	0.73	0.20	1.97	1.62	18.40	6.4	31
DD024533		0.14	0.006	0.12	0.26	1.5	<0.2	<10	300	0.12	0.06	3.53	0.81	2.97	2.0	4
DD024534		0.31	0.002	0.26	0.78	12.2	<0.2	<10	360	0.54	0.16	1.95	1.36	18.30	6.5	26
DD024535		0.21	0.002	0.20	0.93	7.2	<0.2	<10	560	0.58	0.18	2.73	1.40	16.95	6.3	22
DD024536		0.32	0.002	1.58	0.67	10.7	<0.2	10	630	0.67	0.32	0.74	0.83	10.85	5.9	148

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30496		1.52	42.7	3.99	5.44	0.10	0.05	0.07	0.050	0.12	27.0	24.5	0.73	586	2.97	0.01
ZZ30497		1.19	37.3	3.69	4.89	0.05	0.11	0.03	0.041	0.10	8.7	24.7	0.43	507	4.46	0.01
ZZ30498		0.99	22.9	3.46	5.15	<0.05	0.07	0.03	0.037	0.10	6.6	21.2	0.38	568	3.50	0.01
ZZ30499		0.93	47.8	2.56	2.05	0.06	0.06	0.22	0.033	0.11	8.8	9.7	0.28	233	3.63	<0.01
ZZ30500		0.92	17.0	2.83	4.45	<0.05	0.04	0.04	0.029	0.07	7.4	15.6	0.33	217	1.51	0.01
DD024501		0.72	17.0	2.19	3.50	0.06	0.04	0.11	0.028	0.05	15.3	10.3	0.21	310	1.25	<0.01
DD024502		0.76	21.6	2.25	3.73	<0.05	0.02	0.04	0.026	0.09	6.2	7.4	0.13	1480	2.55	<0.01
DD024503		0.53	21.9	1.93	2.59	<0.05	0.04	0.12	0.026	0.07	9.8	6.5	0.12	513	1.88	0.01
DD024504		1.08	57.9	2.94	2.59	0.08	0.07	0.18	0.031	0.10	11.5	10.1	0.43	403	4.63	0.01
DD024505		0.90	51.8	2.95	2.50	0.08	0.05	0.16	0.035	0.10	13.5	10.2	0.22	479	4.45	0.01
DD024506		0.73	30.8	2.05	2.08	0.08	0.04	0.20	0.028	0.06	21.8	4.4	0.13	292	5.46	0.01
DD024507		0.72	30.6	2.30	2.16	0.12	0.09	0.15	0.030	0.09	30.7	6.3	0.20	929	4.03	0.01
DD024508		0.72	16.8	1.08	1.40	<0.05	0.04	0.15	0.014	0.05	9.7	2.9	0.09	326	1.06	0.01
DD024509		0.71	13.2	1.12	1.57	<0.05	0.03	0.13	0.018	0.04	10.6	2.9	0.10	531	1.05	0.01
DD024510		0.49	13.9	1.02	1.70	<0.05	0.03	0.13	0.014	0.03	10.6	2.6	0.09	323	1.62	0.01
DD024511		3.05	17.6	2.07	3.18	<0.05	<0.02	0.05	0.024	0.07	5.9	3.0	0.07	285	2.30	<0.01
DD024512		0.60	16.8	1.96	2.70	0.05	0.08	0.08	0.029	0.07	14.3	5.0	0.11	463	1.81	0.01
DD024513		0.83	27.7	2.33	2.27	0.06	0.03	0.20	0.035	0.08	14.4	6.7	0.22	373	3.18	0.01
DD024514		0.66	19.5	2.06	2.61	0.07	0.02	0.11	0.024	0.07	26.5	7.9	0.25	989	1.49	0.01
DD024516		1.32	12.9	1.53	1.58	<0.05	0.02	0.21	0.024	0.24	3.5	5.0	0.08	80	0.61	<0.01
DD024517		0.44	24.3	1.90	2.00	0.07	0.03	0.29	0.030	0.06	20.9	6.2	0.22	653	1.52	0.01
DD024518		0.50	18.1	2.25	2.73	0.06	0.02	0.12	0.023	0.05	22.6	9.6	0.33	664	1.52	0.01
DD024519		1.34	82.9	3.25	1.18	0.08	0.03	0.53	0.046	0.11	6.7	1.9	0.05	244	10.45	<0.01
DD024520		1.07	83.4	2.45	1.05	0.07	0.04	0.22	0.035	0.10	6.1	1.0	0.03	117	6.12	<0.01
DD024521		1.13	76.0	2.32	0.98	0.06	0.05	0.33	0.032	0.09	5.2	0.9	0.03	114	5.13	<0.01
DD024522		0.95	73.7	2.03	0.91	0.06	0.04	0.22	0.029	0.09	5.0	0.7	0.06	109	3.64	<0.01
DD024523		1.01	80.7	2.36	1.24	0.08	0.04	0.43	0.033	0.11	9.3	1.6	0.02	86	6.23	<0.01
DD024524		0.87	44.5	1.89	2.08	0.09	0.09	0.55	0.029	0.08	16.1	2.6	0.05	145	6.59	0.01
DD024525		0.45	21.7	1.47	1.03	0.06	0.03	0.24	0.023	0.04	16.6	1.4	0.06	211	7.59	0.01
DD024526		0.94	26.4	1.62	2.27	0.13	0.07	0.24	0.045	0.09	40.8	4.6	0.12	710	1.21	0.01
DD024527		0.31	15.4	1.15	1.21	0.07	0.03	0.15	0.019	0.03	19.7	1.9	0.05	698	1.24	0.01
DD024528		1.00	56.1	2.86	2.89	0.12	0.06	0.28	0.042	0.10	32.9	6.3	0.18	367	6.27	<0.01
DD024529		1.09	22.2	2.30	3.36	0.06	0.07	0.16	0.036	0.07	15.1	8.4	0.19	282	1.11	<0.01
DD024530		1.24	46.5	1.85	1.54	0.06	0.07	0.20	0.033	0.06	8.4	2.4	0.06	71	2.59	<0.01
DD024531		0.32	10.8	0.53	0.77	<0.05	0.03	0.09	0.009	0.04	5.4	1.2	0.05	202	0.97	0.01
DD024532		0.69	24.8	2.24	2.78	0.07	0.05	0.16	0.035	0.06	25.5	6.8	0.21	204	1.70	<0.01
DD024533		0.22	7.8	0.39	0.70	<0.05	0.03	0.12	0.007	0.03	3.2	0.7	0.04	324	1.02	<0.01
DD024534		0.75	19.7	1.69	2.17	0.08	0.03	0.21	0.031	0.05	25.9	5.0	0.17	338	2.09	<0.01
DD024535		0.63	17.8	1.80	2.60	0.06	0.04	0.14	0.029	0.05	23.0	5.1	0.15	802	1.24	<0.01
DD024536		2.10	21.5	3.71	2.32	0.08	0.04	0.21	0.051	0.26	12.5	7.2	0.10	212	1.82	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30496		0.22	47.2	1090	15.9	12.1	0.002	0.13	0.80	6.0	1.3	0.7	56.3	<0.01	0.05	2.3
ZZ30497		0.28	44.4	1230	15.6	16.1	0.001	0.06	1.41	4.1	1.1	0.7	34.9	<0.01	0.07	1.7
ZZ30498		0.33	30.4	1240	15.2	17.3	<0.001	0.05	0.96	3.1	0.8	0.7	23.0	<0.01	0.04	1.3
ZZ30499		0.21	52.0	1290	12.9	8.4	0.003	0.08	1.70	3.8	2.0	0.4	52.7	<0.01	0.10	2.3
ZZ30500		0.58	26.2	830	12.4	12.4	<0.001	0.05	0.55	2.9	0.3	0.6	19.5	<0.01	0.05	1.7
DD024501		0.58	21.4	1350	11.4	7.4	<0.001	0.08	0.62	2.2	0.9	0.5	26.8	<0.01	0.05	0.7
DD024502		0.30	21.9	1260	14.9	13.1	<0.001	0.06	0.68	1.6	0.8	0.6	16.1	<0.01	0.06	0.5
DD024503		0.30	28.2	2100	10.2	7.6	<0.001	0.15	0.89	1.2	1.3	0.4	30.0	<0.01	0.06	0.3
DD024504		0.31	62.5	1550	16.4	8.8	0.002	0.06	2.54	5.6	2.8	0.5	64.7	<0.01	0.09	3.7
DD024505		0.22	54.8	1540	16.5	8.3	0.002	0.08	2.17	3.7	2.7	0.5	39.6	<0.01	0.08	1.2
DD024506		0.26	64.4	1670	11.5	5.2	0.001	0.13	0.99	2.0	3.9	0.4	39.8	<0.01	0.07	0.3
DD024507		0.30	55.5	2270	16.6	7.6	0.001	0.09	1.25	4.4	3.2	0.4	53.2	<0.01	0.12	1.0
DD024508		0.20	20.0	1570	7.6	5.0	<0.001	0.18	0.68	1.1	1.4	0.2	49.6	<0.01	0.04	0.2
DD024509		0.29	14.4	1490	6.4	5.6	<0.001	0.22	0.57	1.1	1.1	0.2	44.1	<0.01	0.04	0.2
DD024510		0.29	16.7	1550	5.7	3.2	<0.001	0.20	0.65	0.8	0.8	0.2	45.1	<0.01	0.04	0.2
DD024511		0.19	22.3	1340	11.2	11.5	0.001	0.08	0.70	0.4	1.0	0.6	11.9	<0.01	0.07	<0.2
DD024512		0.34	26.5	1570	13.7	6.1	0.001	0.15	0.67	2.0	1.1	0.5	26.1	<0.01	0.07	0.7
DD024513		0.31	50.5	1260	15.7	6.4	0.001	0.05	1.66	2.1	2.5	0.5	49.2	<0.01	0.20	0.6
DD024514		0.36	25.4	2030	12.5	7.1	<0.001	0.16	0.83	0.9	1.5	0.4	33.5	<0.01	0.12	0.2
DD024516		0.12	12.7	240	15.2	16.9	0.004	0.29	0.63	2.0	0.9	0.5	16.6	<0.01	0.15	1.0
DD024517		0.32	37.9	1740	12.8	5.6	0.001	0.18	1.30	0.8	2.0	0.4	47.6	<0.01	0.19	0.2
DD024518		0.48	27.9	1390	10.9	5.5	0.001	0.10	1.18	1.4	1.7	0.3	39.6	<0.01	0.08	0.3
DD024519		0.06	111.5	1350	15.5	7.5	0.005	0.13	3.47	6.3	6.3	0.5	59.6	<0.01	0.21	3.2
DD024520		<0.05	107.5	1960	10.0	7.3	0.013	0.13	1.87	5.3	10.6	0.4	105.0	<0.01	0.26	3.1
DD024521		0.05	108.5	2640	9.5	6.5	0.011	0.20	1.80	3.7	8.5	0.3	164.0	<0.01	0.27	0.8
DD024522		<0.05	80.4	1350	9.0	6.2	0.017	0.20	1.46	4.7	6.2	0.3	69.9	<0.01	0.14	3.0
DD024523		<0.05	73.6	1920	10.6	9.0	0.007	0.19	1.78	4.4	5.6	0.4	107.5	<0.01	0.16	2.4
DD024524		0.10	62.6	2170	10.8	5.6	0.011	0.19	1.57	1.5	12.1	0.5	61.9	<0.01	0.19	1.0
DD024525		0.08	47.6	1630	9.8	2.9	0.002	0.02	1.46	1.2	2.5	0.3	62.0	<0.01	0.25	1.1
DD024526		0.24	75.9	3740	14.5	6.9	0.001	0.12	1.37	2.2	2.6	0.6	74.8	<0.01	0.35	0.7
DD024527		0.26	24.1	1710	9.0	2.6	0.001	0.20	0.76	0.7	1.4	0.2	25.9	<0.01	0.16	<0.2
DD024528		0.36	116.5	2680	21.1	7.6	0.004	0.06	2.34	4.6	5.4	0.6	77.3	<0.01	0.32	1.6
DD024529		0.44	62.8	1210	17.6	8.2	0.001	0.07	1.02	3.5	1.4	0.6	24.7	<0.01	0.15	1.0
DD024530		0.14	54.0	1500	10.3	6.7	0.001	0.15	1.14	2.9	4.5	0.4	70.9	<0.01	0.15	0.6
DD024531		0.15	12.1	1750	3.7	2.5	<0.001	0.29	0.37	0.4	1.3	<0.2	38.9	<0.01	0.02	0.2
DD024532		0.41	59.1	1870	12.7	6.8	0.001	0.12	0.99	2.1	2.2	0.5	33.3	<0.01	0.04	0.4
DD024533		0.14	7.1	1410	3.0	1.1	<0.001	0.30	0.22	0.4	0.3	<0.2	48.1	<0.01	0.01	<0.2
DD024534		0.33	54.6	1900	11.4	5.6	0.001	0.13	1.47	1.9	2.4	0.5	36.0	<0.01	0.03	0.3
DD024535		0.33	28.0	2440	12.3	5.6	<0.001	0.17	0.75	1.4	2.2	0.4	47.0	<0.01	0.04	0.2
DD024536		0.20	39.3	2400	17.6	20.5	0.001	0.62	1.61	3.6	5.8	0.4	78.9	<0.01	0.25	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30496	<0.005	0.29	0.58	55	0.09	13.50	130	1.2
ZZ30497	<0.005	0.25	1.00	53	0.08	8.95	180	2.7
ZZ30498	<0.005	0.21	0.82	48	0.10	5.33	153	1.6
ZZ30499	<0.005	0.24	1.53	49	0.06	18.25	204	2.1
ZZ30500	0.012	0.14	0.78	49	0.16	5.88	116	1.1
DD024501	0.012	0.12	1.57	51	0.14	23.0	110	1.0
DD024502	0.008	0.16	0.81	51	0.09	5.50	131	0.5
DD024503	0.006	0.11	1.38	44	0.06	21.3	268	0.9
DD024504	0.008	0.34	1.95	77	0.13	22.9	248	2.9
DD024505	<0.005	0.31	2.06	74	0.07	27.1	223	1.7
DD024506	0.005	0.11	2.92	39	0.10	42.6	178	1.1
DD024507	0.011	0.17	3.73	50	0.11	78.2	236	2.6
DD024508	<0.005	0.10	2.66	26	0.05	24.0	104	1.3
DD024509	0.007	0.09	1.84	29	0.09	22.9	172	1.0
DD024510	0.008	0.07	1.42	21	0.05	17.95	111	1.0
DD024511	0.006	0.18	1.08	51	0.10	5.61	104	<0.5
DD024512	<0.005	0.11	1.62	35	0.13	22.8	110	2.2
DD024513	0.009	0.18	1.21	37	0.12	28.6	206	0.9
DD024514	0.009	0.14	0.86	38	0.15	41.1	183	0.6
DD024516	<0.005	0.40	0.26	23	0.09	7.02	46	0.8
DD024517	0.008	0.15	1.07	37	0.14	45.1	208	0.6
DD024518	0.019	0.11	1.10	47	0.30	34.0	135	0.7
DD024519	<0.005	1.00	4.11	49	0.07	31.7	355	1.6
DD024520	<0.005	0.19	3.84	61	<0.05	25.7	316	2.9
DD024521	<0.005	0.28	8.32	47	<0.05	23.6	257	2.4
DD024522	<0.005	0.18	3.84	37	<0.05	23.3	256	2.8
DD024523	<0.005	0.32	3.67	48	0.05	26.0	232	2.0
DD024524	<0.005	0.77	5.50	48	<0.05	31.7	287	2.8
DD024525	<0.005	0.23	2.76	23	0.06	28.5	280	1.1
DD024526	0.005	0.18	3.64	43	0.07	77.4	383	2.1
DD024527	0.007	0.09	2.12	19	<0.05	42.2	212	1.0
DD024528	0.010	0.52	3.91	59	0.11	74.8	523	1.6
DD024529	0.005	0.18	2.23	48	0.10	34.3	216	1.8
DD024530	<0.005	0.14	2.50	42	<0.05	29.9	194	2.4
DD024531	0.005	0.06	1.12	11	<0.05	12.50	145	1.1
DD024532	0.009	0.11	1.85	43	0.10	43.3	205	1.2
DD024533	0.006	0.04	0.62	7	<0.05	5.85	53	1.0
DD024534	0.007	0.10	8.23	40	0.10	42.2	140	0.9
DD024535	0.008	0.09	6.80	44	0.14	37.8	133	1.0
DD024536	0.006	0.17	3.69	82	0.07	36.8	200	1.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD024537	0.23	0.004	0.61	0.85	45.4	<0.2	<10	470	0.63	0.18	2.30	1.06	14.45	6.0	28
DD024538	0.30	0.004	0.40	0.82	10.2	<0.2	10	780	0.61	0.19	1.69	1.00	13.05	9.1	18
DD024539	0.32	0.003	0.13	1.33	8.5	<0.2	<10	370	0.92	0.23	1.29	0.65	7.65	12.2	26
DD024540	0.24	0.004	0.16	1.39	8.7	<0.2	<10	400	0.89	0.21	1.41	0.71	10.15	10.5	24
DD024541	0.18	0.005	0.18	0.59	3.0	<0.2	<10	430	0.31	0.09	3.66	5.01	9.16	3.7	10
DD024542	0.25	0.001	0.06	0.39	6.8	<0.2	<10	170	0.14	0.18	0.23	0.67	11.00	3.2	15
DD024543	0.24	0.003	0.35	1.36	10.6	<0.2	<10	440	0.79	0.21	1.77	1.92	23.1	12.5	25
DD024544	0.25	0.003	0.40	0.46	2.1	<0.2	<10	390	0.25	0.10	3.21	3.49	7.02	2.8	11
DD024545	0.17	0.003	0.84	0.64	7.8	<0.2	10	370	0.47	0.17	2.42	2.41	13.30	6.9	19
DD024546	0.23	0.003	0.28	0.81	7.9	<0.2	<10	420	0.40	0.22	0.71	5.17	10.25	7.6	20
DD024547	0.16	0.004	0.15	0.44	3.3	<0.2	10	340	0.27	0.10	3.84	7.09	8.36	3.9	10
DD024548	0.24	0.004	0.30	1.59	12.0	<0.2	<10	950	0.75	0.22	0.80	0.99	26.3	7.0	24
DD024549	0.22	0.004	0.46	1.28	8.7	<0.2	<10	420	0.79	0.27	0.88	1.18	19.00	7.4	22
DD024550	0.33	0.004	1.36	0.58	6.9	<0.2	10	750	0.57	0.23	1.15	0.89	8.70	8.2	23
DD024551	0.22	0.004	0.60	0.87	7.4	<0.2	10	540	0.63	0.19	3.68	1.90	12.60	6.0	19
DD024552	0.31	0.004	0.47	1.07	11.7	<0.2	<10	500	0.66	0.21	8.24	3.18	24.5	9.4	21
DD024553	0.30	0.002	0.54	0.93	19.8	<0.2	10	680	0.77	0.26	4.05	1.97	20.4	11.4	19
DD024554	0.34	0.003	0.26	0.86	10.5	<0.2	10	430	0.48	0.21	9.47	3.42	20.3	11.9	17
DD024555	0.36	0.002	0.49	0.79	11.9	<0.2	<10	420	0.52	0.20	8.67	1.85	14.40	9.9	16
DD024556	0.34	0.006	0.20	1.03	9.8	<0.2	<10	310	0.57	0.18	4.72	1.88	21.0	8.9	20
DD024557	0.30	0.003	0.15	1.17	9.3	<0.2	<10	1960	0.59	0.20	1.60	1.54	18.70	7.5	22
DD024558	0.19	0.003	0.14	0.41	3.4	<0.2	<10	240	0.26	0.12	4.22	1.67	9.13	3.4	10
DD024559	0.49	0.005	1.34	0.71	23.7	<0.2	<10	1880	0.60	0.30	4.53	2.79	16.80	13.3	28
DD024560	0.26	0.006	1.34	0.64	13.9	<0.2	10	1220	0.50	0.19	2.93	1.60	11.95	7.4	22
DD024561	0.32	0.011	1.87	0.37	16.3	<0.2	<10	1370	0.44	0.16	1.09	0.93	8.49	4.6	24
DD024562	0.23	0.008	1.93	0.53	23.7	<0.2	10	1540	0.53	0.20	1.84	1.33	10.95	8.4	28
DD024563	0.29	0.006	1.61	0.52	23.5	<0.2	<10	1800	0.55	0.17	1.07	1.10	10.85	6.5	26
DD024564	0.30	0.007	2.64	0.50	28.0	<0.2	10	1190	0.55	0.18	0.89	0.91	7.20	4.3	24
DD024565	0.45	0.007	3.82	0.59	37.6	<0.2	<10	1170	0.76	0.20	0.74	1.09	9.80	6.3	31
DD024566	0.33	0.006	3.10	0.72	35.8	<0.2	10	690	1.10	0.18	0.87	1.58	11.20	11.0	38
DD024567	0.50	0.007	2.27	0.52	36.1	<0.2	10	380	1.07	0.19	0.42	1.25	7.80	11.8	32
DD024568	0.27	0.007	3.20	0.36	28.9	<0.2	10	1670	0.60	0.20	0.35	0.83	6.94	5.9	21
DD024569	0.35	0.008	4.37	0.37	24.0	<0.2	10	1710	0.59	0.20	0.36	0.90	7.08	5.4	28
DD024570	0.41	0.006	4.28	0.64	44.0	<0.2	10	1290	1.59	0.18	0.57	2.90	8.69	12.1	34
DD024571	0.40	0.008	2.91	0.47	38.1	<0.2	10	2030	0.54	0.21	0.60	0.92	8.67	5.2	30
DD024572	0.29	0.004	0.63	1.11	21.1	<0.2	<10	470	1.10	0.25	0.97	1.40	27.0	14.2	23
DD024573	0.35	0.002	0.12	1.21	19.7	<0.2	<10	460	1.19	0.32	0.18	0.35	19.05	14.4	19
DD024574	0.46	0.006	1.61	0.50	17.4	<0.2	10	1660	0.82	0.19	0.98	1.39	7.31	5.4	23
DD024575	0.36	0.033	6.36	0.95	50.5	<0.2	<10	160	0.54	0.53	0.06	0.25	9.37	5.1	15
DD024576	0.37	0.014	1.89	1.30	16.9	<0.2	<10	730	0.69	0.37	0.08	0.37	17.80	9.1	22

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024537		1.07	29.1	2.02	2.30	0.07	0.03	0.33	0.031	0.05	20.1	5.0	0.13	216	5.99	<0.01
DD024538		0.83	31.7	2.53	2.38	0.05	0.06	0.23	0.032	0.09	7.4	11.7	0.30	208	2.01	<0.01
DD024539		0.92	24.6	2.95	4.18	0.05	0.08	0.08	0.040	0.11	3.2	34.1	0.40	248	2.52	<0.01
DD024540		0.56	23.6	2.84	4.01	0.05	0.06	0.08	0.037	0.09	5.2	27.0	0.33	221	1.54	<0.01
DD024541		0.44	11.5	0.95	1.71	<0.05	0.03	0.13	0.013	0.04	9.6	3.4	0.15	491	0.88	0.02
DD024542		0.83	12.4	1.32	3.25	<0.05	<0.02	0.04	0.014	0.05	5.9	1.3	0.03	213	2.16	<0.01
DD024543		0.63	25.3	2.44	3.46	0.08	0.04	0.12	0.031	0.08	27.0	8.6	0.19	770	1.78	<0.01
DD024544		0.34	8.6	0.71	1.32	<0.05	0.02	0.13	0.013	0.04	8.9	0.9	0.05	192	1.19	<0.01
DD024545		0.26	21.9	1.64	1.82	0.06	0.05	0.14	0.027	0.10	16.9	4.4	0.16	250	3.76	<0.01
DD024546		0.63	19.9	2.12	3.42	<0.05	0.02	0.05	0.029	0.10	5.3	5.4	0.13	426	4.92	<0.01
DD024547		0.30	14.9	0.93	1.23	0.05	0.04	0.12	0.014	0.06	11.5	2.5	0.10	447	1.34	<0.01
DD024548		1.11	23.3	2.64	4.16	0.06	0.02	0.08	0.037	0.07	14.8	9.4	0.20	394	3.62	<0.01
DD024549		1.12	22.0	2.25	3.64	0.07	0.06	0.08	0.041	0.08	18.6	7.5	0.20	225	2.07	0.01
DD024550		1.60	30.3	2.45	1.46	0.07	0.06	0.44	0.041	0.14	10.5	3.7	0.05	80	1.31	<0.01
DD024551		0.74	21.4	1.77	2.08	0.06	0.06	0.14	0.028	0.08	17.2	5.2	0.15	255	2.21	<0.01
DD024552		0.51	21.1	2.12	2.69	0.08	0.04	0.10	0.028	0.07	28.3	7.1	0.26	912	1.87	<0.01
DD024553		0.43	22.0	2.46	2.26	0.06	0.07	0.09	0.037	0.12	18.0	6.4	0.17	588	2.44	<0.01
DD024554		0.45	17.9	1.91	2.12	0.07	0.02	0.07	0.027	0.07	23.6	5.6	0.35	1010	2.96	0.01
DD024555		0.44	23.3	2.09	2.02	<0.05	0.04	0.06	0.028	0.08	12.7	6.0	0.32	460	2.24	<0.01
DD024556		0.61	20.5	2.05	2.54	0.05	0.03	0.11	0.028	0.06	15.9	7.9	0.26	580	1.31	0.01
DD024557		0.65	19.3	2.12	3.19	<0.05	0.02	0.09	0.028	0.04	14.7	7.2	0.22	436	1.49	<0.01
DD024558		0.27	13.7	0.81	1.00	<0.05	0.02	0.20	0.016	0.03	14.5	2.0	0.07	436	0.59	<0.01
DD024559		2.14	62.5	2.99	2.04	0.07	0.07	0.20	0.051	0.12	19.6	4.0	0.16	604	10.10	<0.01
DD024560		0.63	38.9	1.91	1.85	0.08	0.07	0.20	0.036	0.09	17.5	3.2	0.11	433	4.76	<0.01
DD024561		0.65	47.3	1.88	1.06	0.06	0.04	0.16	0.035	0.08	6.4	1.6	0.04	106	4.31	<0.01
DD024562		0.56	53.9	2.38	1.53	0.06	0.06	0.25	0.040	0.08	12.2	2.5	0.08	276	3.93	<0.01
DD024563		0.55	46.8	2.04	1.46	0.06	0.05	0.23	0.038	0.07	10.3	2.8	0.07	183	3.18	<0.01
DD024564		0.57	55.6	2.61	1.29	0.06	0.04	0.22	0.037	0.09	6.1	2.4	0.05	64	5.29	<0.01
DD024565		1.12	73.7	3.48	1.50	0.08	0.04	0.22	0.051	0.12	8.5	2.9	0.06	138	6.32	<0.01
DD024566		0.76	116.5	4.19	1.59	0.09	0.04	0.20	0.053	0.13	9.3	2.2	0.03	193	6.60	<0.01
DD024567		1.45	165.0	7.33	1.34	0.11	0.06	0.21	0.118	0.12	4.3	1.0	0.03	102	9.02	0.01
DD024568		0.72	70.5	2.39	1.13	0.06	0.02	0.19	0.036	0.09	3.8	0.7	0.02	80	5.29	<0.01
DD024569		0.79	75.7	2.61	1.21	0.05	<0.02	0.23	0.036	0.09	4.3	0.8	0.03	66	5.51	<0.01
DD024570		1.33	137.5	5.41	1.56	0.11	0.05	0.28	0.060	0.09	7.3	2.0	0.03	158	8.84	0.01
DD024571		1.16	44.5	2.93	1.67	0.09	0.03	0.35	0.064	0.10	6.4	1.3	0.04	128	7.43	<0.01
DD024572		1.13	44.2	3.78	3.57	0.06	0.02	0.32	0.040	0.09	13.4	8.9	0.62	1040	3.22	0.01
DD024573		0.94	37.8	4.31	3.59	<0.05	0.05	0.10	0.042	0.09	8.2	6.7	0.18	1050	2.65	0.01
DD024574		0.47	48.4	2.41	1.54	0.05	0.08	0.21	0.035	0.08	7.2	2.0	0.07	164	4.24	<0.01
DD024575		0.86	92.6	4.18	2.13	0.06	0.02	0.69	0.099	0.27	4.7	5.2	0.07	156	16.80	0.06
DD024576		1.22	49.2	3.65	3.91	<0.05	0.02	0.10	0.070	0.19	8.8	10.3	0.21	292	3.15	0.03

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024537		0.31	60.2	1650	16.1	6.9	0.002	0.14	1.53	1.8	5.1	0.5	37.8	<0.01	0.05	0.3
DD024538		0.26	37.3	1040	12.2	8.3	0.004	0.10	0.89	3.4	1.8	0.4	42.3	<0.01	0.04	1.8
DD024539		0.14	47.2	900	13.7	12.4	0.005	0.09	0.33	4.0	3.3	0.5	38.9	<0.01	0.04	2.1
DD024540		0.24	32.6	900	13.7	8.8	0.007	0.16	0.39	4.3	4.1	0.5	41.8	<0.01	0.04	2.1
DD024541		0.30	10.9	1380	6.0	4.0	<0.001	0.18	0.41	0.9	1.6	0.4	36.6	0.01	<0.01	0.2
DD024542		0.28	16.8	550	7.2	11.8	<0.001	0.03	0.64	0.5	0.4	0.6	8.7	<0.01	0.06	<0.2
DD024543		0.50	36.3	1710	14.8	10.0	<0.001	0.10	0.77	2.5	2.2	0.4	29.7	<0.01	0.05	0.6
DD024544		0.22	12.8	1290	5.0	3.8	0.002	0.19	0.42	0.6	2.1	0.2	46.4	<0.01	0.03	<0.2
DD024545		0.29	59.0	1640	10.5	7.3	0.003	0.16	0.97	1.4	4.5	0.3	35.0	<0.01	0.04	0.5
DD024546		0.47	30.7	920	13.3	14.9	<0.001	0.07	1.06	1.7	1.2	0.6	19.6	<0.01	0.05	0.6
DD024547		0.24	18.0	1740	6.0	5.0	<0.001	0.23	0.57	0.8	1.6	0.2	37.2	<0.01	0.05	0.3
DD024548		0.47	31.4	1740	14.0	13.4	0.001	0.12	1.29	1.6	1.9	0.6	34.0	<0.01	0.08	0.5
DD024549		0.41	29.7	1730	17.6	11.5	0.001	0.11	0.72	2.1	2.0	0.6	26.2	<0.01	0.10	0.5
DD024550		0.06	41.4	2540	15.9	13.0	0.004	0.11	0.79	4.9	4.0	0.4	60.7	<0.01	0.13	2.3
DD024551		0.28	31.6	1800	13.1	9.2	0.001	0.19	0.79	1.6	3.0	0.4	39.0	<0.01	0.10	0.4
DD024552		0.25	31.5	1510	15.9	6.5	0.001	0.12	0.81	1.4	3.1	0.4	55.7	<0.01	0.14	0.4
DD024553		0.22	39.0	1080	21.9	6.2	<0.001	0.13	0.90	2.0	2.0	0.5	39.4	<0.01	0.20	0.6
DD024554		0.25	28.5	1820	15.7	5.9	<0.001	0.18	0.97	0.8	2.1	0.3	67.3	<0.01	0.22	0.2
DD024555		0.22	34.0	1090	12.9	6.1	0.001	0.08	1.19	1.3	2.1	0.4	60.3	<0.01	0.24	0.4
DD024556		0.46	31.9	1300	11.2	7.0	<0.001	0.13	0.88	1.1	1.3	0.4	35.7	<0.01	0.08	0.3
DD024557		0.47	29.7	1180	11.7	5.9	<0.001	0.13	0.89	1.4	1.2	0.4	20.4	<0.01	0.08	0.4
DD024558		0.18	14.7	1480	7.0	2.6	<0.001	0.23	0.47	0.4	1.1	0.2	33.3	<0.01	0.13	<0.2
DD024559		0.18	93.0	2380	19.3	9.1	0.003	0.14	1.73	3.6	4.9	0.5	76.2	<0.01	0.29	1.4
DD024560		0.25	52.8	2500	11.8	6.0	0.001	0.27	1.36	2.4	6.3	0.4	59.0	<0.01	0.15	0.6
DD024561		0.06	62.5	1750	8.8	6.1	0.006	0.13	1.46	3.5	6.4	0.3	79.9	<0.01	0.19	1.1
DD024562		0.15	77.1	1710	12.5	5.9	0.003	0.15	1.59	3.4	7.0	0.4	59.3	<0.01	0.15	0.8
DD024563		0.13	64.3	1420	10.3	5.6	0.002	0.09	1.32	3.2	4.4	0.4	41.5	<0.01	0.14	0.8
DD024564		0.08	86.7	1590	10.2	7.0	0.002	0.21	1.46	4.6	6.6	0.4	114.5	<0.01	0.18	1.1
DD024565		0.08	106.5	2880	13.7	9.3	0.002	0.20	1.86	6.8	8.2	0.5	141.5	<0.01	0.24	2.0
DD024566		0.07	159.5	3200	11.5	10.0	0.009	0.36	1.84	6.4	10.7	0.4	190.5	<0.01	0.22	1.6
DD024567		<0.05	155.0	3120	15.6	9.0	0.016	0.64	1.90	13.1	18.4	0.4	71.6	<0.01	0.22	8.3
DD024568		<0.05	101.5	1580	10.9	6.1	0.005	0.05	1.59	4.9	5.1	0.4	45.0	<0.01	0.17	1.6
DD024569		<0.05	81.3	1640	11.4	6.9	0.004	0.04	1.69	4.4	6.0	0.4	65.6	<0.01	0.17	1.9
DD024570		0.06	200	2480	11.1	8.6	0.009	0.22	2.42	12.9	13.5	0.4	111.5	<0.01	0.23	3.3
DD024571		0.07	73.8	5250	14.4	7.6	0.021	0.08	1.80	6.5	17.1	0.4	146.5	<0.01	0.37	1.4
DD024572		0.33	56.3	1200	35.8	11.7	0.001	0.04	1.10	4.0	2.4	0.6	41.8	<0.01	0.07	1.4
DD024573		0.30	36.9	510	42.3	11.8	0.001	0.03	0.78	4.5	1.8	0.6	22.5	<0.01	0.05	2.5
DD024574		0.10	74.3	1220	12.6	6.4	0.003	0.08	1.17	5.1	4.9	0.4	71.5	<0.01	0.09	0.9
DD024575		0.13	28.1	1240	34.4	15.3	0.008	0.67	4.84	5.1	11.4	0.6	79.6	<0.01	0.42	1.2
DD024576		0.44	30.3	1270	21.9	17.7	0.001	0.37	1.34	3.7	2.6	0.6	61.2	<0.01	0.21	1.5

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Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD024537		0.006	0.13	2.99	36	0.11	41.4	193	0.9
DD024538		0.005	0.15	1.23	38	0.07	14.70	170	2.0
DD024539		<0.005	0.15	4.80	35	<0.05	12.20	124	2.1
DD024540		<0.005	0.13	2.98	32	<0.05	14.00	104	1.6
DD024541		0.010	0.07	1.95	21	0.06	16.45	82	1.0
DD024542		0.010	0.10	0.43	49	0.13	2.29	98	<0.5
DD024543		0.009	0.13	1.92	50	0.12	49.0	116	1.0
DD024544		0.007	0.06	3.06	26	<0.05	18.20	240	0.8
DD024545		0.006	0.12	2.22	38	0.07	29.1	226	1.2
DD024546		0.009	0.18	1.00	69	0.09	4.24	266	0.7
DD024547		0.006	0.07	2.06	25	0.07	22.3	237	1.1
DD024548		0.010	0.32	2.21	88	0.13	23.7	170	0.5
DD024549		0.007	0.19	1.89	46	0.10	35.0	143	1.3
DD024550		<0.005	0.11	3.51	44	<0.05	36.1	171	1.9
DD024551		<0.005	0.14	1.62	32	0.06	35.8	159	1.8
DD024552		0.007	0.14	0.96	38	0.10	54.7	171	0.8
DD024553		<0.005	0.25	0.72	31	0.15	34.4	180	1.8
DD024554		0.006	0.14	0.71	31	0.09	42.3	189	0.6
DD024555		0.008	0.12	0.76	32	0.09	23.4	189	1.0
DD024556		0.013	0.10	0.62	36	0.13	25.3	156	0.7
DD024557		0.013	0.09	1.14	43	0.18	22.1	157	0.8
DD024558		<0.005	0.06	0.94	16	0.05	36.9	125	0.6
DD024559		0.005	0.41	3.33	46	0.10	49.8	384	2.0
DD024560		0.006	0.22	6.92	38	0.07	44.9	203	2.7
DD024561		<0.005	0.18	3.76	46	<0.05	25.0	209	1.6
DD024562		<0.005	0.23	4.73	50	0.05	37.3	287	2.1
DD024563		<0.005	0.17	3.09	46	0.06	32.2	241	1.5
DD024564		<0.005	0.18	3.94	56	0.06	36.1	286	1.8
DD024565		<0.005	0.27	6.93	79	0.06	42.1	307	1.7
DD024566		<0.005	0.30	8.60	79	0.06	39.3	568	1.4
DD024567		<0.005	0.29	10.25	57	<0.05	42.4	538	4.1
DD024568		<0.005	0.19	4.51	42	<0.05	25.9	385	0.5
DD024569		<0.005	0.21	3.85	51	0.05	20.6	312	<0.5
DD024570		<0.005	0.27	9.87	68	0.05	76.5	721	2.4
DD024571		<0.005	0.25	6.16	63	0.06	26.2	206	0.9
DD024572		0.009	0.28	1.94	49	0.14	18.90	271	0.5
DD024573		0.005	0.27	1.27	45	0.07	10.25	191	1.2
DD024574		<0.005	0.12	3.08	50	0.05	31.1	326	3.0
DD024575		<0.005	2.44	3.15	85	0.11	12.55	112	0.9
DD024576		0.012	0.32	1.71	72	0.15	8.31	143	0.5

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 28-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD024577		0.29	0.010	0.72	1.15	15.8	<0.2	<10	590	0.58	0.31	0.03	0.33	13.05	6.0	20
DD024578		0.34	0.008	1.06	0.82	13.9	<0.2	<10	1040	0.33	0.37	0.02	0.17	7.83	3.4	17
DD024579		0.29	0.006	1.61	1.01	11.1	<0.2	<10	820	0.62	0.30	0.53	0.37	9.16	4.5	20
DD024580		0.22	0.009	0.71	0.32	7.9	<0.2	10	1170	0.30	0.10	3.14	2.15	6.86	3.4	12
DD024581		0.29	0.003	1.12	0.72	12.2	<0.2	10	1320	0.63	0.19	1.97	1.07	13.60	6.7	23
DD024582		0.29	0.005	0.61	0.70	12.2	<0.2	10	1570	0.63	0.20	4.78	1.73	14.90	7.0	25
DD024583		0.29	0.005	0.42	0.67	9.1	<0.2	10	1540	0.50	0.17	8.45	1.67	14.90	7.1	20
DD024584		0.41	0.003	0.31	0.83	7.9	<0.2	10	1840	0.70	0.20	8.84	2.63	18.25	11.6	24
DD024585		0.52	0.002	0.54	0.57	14	<0.2	10	400	0.53	0.19	14.35	2.40	11.85	9.0	22
DD024586		0.59	0.003	0.91	0.51	13	<0.2	10	510	0.59	0.20	11.00	2.33	10.40	7.3	18
DD024587		0.58	0.005	0.83	0.21	133.5	<0.2	10	30	0.32	0.59	5.38	20.6	5.59	50.6	82
DD024588		0.44	0.003	0.13	0.99	18.2	<0.2	10	330	0.72	0.36	0.22	0.05	9.97	12.2	18
DD024589		0.45	0.003	1.76	0.29	24.1	<0.2	10	220	0.52	0.19	1.46	1.47	2.63	5.8	13
DD024590		0.25	0.002	2.13	0.35	18.8	<0.2	10	820	0.64	0.18	0.66	1.27	6.90	6.4	22
DD024591		0.23	0.004	2.11	0.46	15.4	<0.2	10	880	0.58	0.19	1.36	0.81	10.20	4.9	28
DD024592		0.21	0.002	0.97	0.58	10.0	<0.2	10	870	0.52	0.16	2.32	0.78	9.70	5.8	23
DD024593		0.44	0.004	0.66	0.78	13	<0.2	10	910	0.62	0.23	14.45	3.05	18.35	11.7	28
DD024594		0.27	0.003	0.72	0.61	10.0	<0.2	10	660	0.49	0.18	8.08	1.56	12.00	6.1	23
DD024595		0.42	0.002	0.18	0.96	9	<0.2	10	1510	0.88	0.21	12.30	3.53	20.4	17.3	24
DD024596		0.34	0.002	0.24	1.34	11.8	<0.2	10	670	0.91	0.25	3.62	3.79	22.5	10.6	32
DD024597		0.25	0.003	0.24	1.34	9.4	<0.2	10	510	0.77	0.23	3.26	3.63	21.1	10.1	24
DD024598		0.48	0.003	0.27	1.21	10.0	<0.2	10	360	0.80	0.25	9.35	5.03	33.8	11.5	30
DD024599		0.29	0.003	0.30	0.89	6.0	<0.2	<10	330	0.42	0.18	3.60	2.65	10.40	6.1	19
DD024600		0.57	0.002	0.23	0.50	3	<0.2	<10	2210	0.39	0.12	22.9	2.69	11.30	5.0	16
DD024601		0.15	0.005	0.24	0.62	4.3	<0.2	10	2460	0.35	0.11	4.59	0.60	6.84	3.7	14
DD024602		0.39	0.006	1.01	1.37	33.5	<0.2	<10	250	1.56	0.24	0.21	4.26	55.9	12.3	30
DD024603		0.36	0.006	0.66	0.70	48.2	<0.2	<10	160	0.82	0.22	0.06	3.42	22.0	8.2	18
DD024604		0.37	0.002	0.11	0.80	18.9	<0.2	<10	140	0.55	0.26	0.05	1.32	14.25	4.7	15
DD024605		0.34	0.004	0.37	0.62	16.4	<0.2	<10	570	0.64	0.25	0.18	1.16	13.25	7.0	14
DD024606		0.28	0.004	0.18	1.11	12.1	<0.2	<10	1020	0.56	0.23	0.74	2.16	12.55	9.1	19
DD024607		0.33	0.006	1.72	0.43	24.3	<0.2	10	860	0.66	0.17	1.30	2.84	9.04	4.8	23
DD024608		0.35	0.004	1.52	0.95	35.9	<0.2	<10	1340	0.87	0.26	0.49	2.22	14.55	7.5	51
DD024609		0.42	0.006	2.79	0.37	25.6	<0.2	10	1460	0.73	0.20	0.68	2.68	4.49	5.9	28
DD024610		0.28	0.004	1.64	0.43	15.2	<0.2	<10	1110	0.51	0.18	1.18	2.03	7.22	3.7	29
DD024611		0.32	0.006	2.18	0.42	21.7	<0.2	10	1190	0.57	0.20	0.87	1.22	4.55	5.3	26
DD024612		0.38	0.007	2.07	0.34	21.4	<0.2	10	830	0.59	0.19	0.90	1.18	4.41	5.1	25
DD024613		0.29	0.005	1.78	0.39	22.7	<0.2	<10	1660	0.70	0.21	0.54	0.91	3.64	5.3	22
DD024614		0.31	0.002	0.48	0.23	17.8	<0.2	<10	870	0.36	0.17	0.37	0.82	2.29	5.1	17
DD024615		0.42	0.006	1.52	0.33	18.3	<0.2	<10	1200	0.77	0.22	0.47	0.58	3.18	6.9	17
DD024616		0.39	0.009	1.78	0.24	14.8	<0.2	<10	1030	0.66	0.21	0.75	0.79	3.14	6.7	13

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024577		0.96	43.3	3.62	3.91	<0.05	0.02	0.08	0.057	0.13	6.7	6.4	0.13	133	4.60	0.02
DD024578		0.72	44.5	3.67	3.48	<0.05	<0.02	0.09	0.068	0.15	4.0	2.2	0.05	124	3.41	0.03
DD024579		0.56	40.6	3.27	3.16	<0.05	<0.02	0.07	0.066	0.15	5.0	3.9	0.08	175	2.79	0.03
DD024580		0.27	21.4	1.14	0.94	<0.05	0.06	0.12	0.019	0.09	7.0	1.6	0.08	296	2.76	0.01
DD024581		0.43	27.2	2.01	2.10	0.05	0.07	0.21	0.032	0.07	11.3	4.5	0.12	359	4.01	0.01
DD024582		0.27	31.5	2.09	2.03	0.07	0.07	0.18	0.033	0.11	13.4	3.9	0.14	312	2.29	<0.01
DD024583		0.28	25.8	1.84	1.87	0.05	0.04	0.15	0.028	0.08	12.5	4.5	0.16	391	2.28	<0.01
DD024584		0.20	24.7	1.77	2.14	0.08	0.08	0.10	0.033	0.13	20.6	4.3	0.26	995	1.74	<0.01
DD024585		0.50	27.8	1.85	1.77	0.06	0.10	0.37	0.028	0.11	11.9	3.8	0.14	276	3.75	0.01
DD024586		0.67	34.9	2.14	1.50	0.05	0.08	0.17	0.033	0.11	8.8	3.2	0.21	247	4.73	0.01
DD024587		1.56	155.0	21.2	4.25	0.12	0.04	0.64	0.024	0.08	6.9	2.2	0.08	113	289	0.01
DD024588		2.19	41.2	4.85	3.62	<0.05	0.07	0.17	0.064	0.26	3.2	16.5	0.22	116	2.02	0.02
DD024589		0.98	66.9	2.31	1.03	0.06	0.14	0.10	0.037	0.10	1.5	2.5	0.05	57	8.33	0.01
DD024590		0.55	67.4	2.33	1.06	0.07	0.05	0.16	0.038	0.10	4.1	1.5	0.04	108	5.78	0.01
DD024591		0.50	54.6	2.13	1.40	0.06	0.05	0.17	0.037	0.09	7.8	2.6	0.07	103	3.92	0.01
DD024592		0.23	39.2	1.86	1.66	0.05	0.05	0.12	0.028	0.08	9.3	3.0	0.07	279	3.63	0.01
DD024593		0.64	44.7	2.42	2.17	0.09	0.10	0.13	0.041	0.11	20.8	4.5	0.16	541	8.52	0.02
DD024594		0.37	34.2	1.90	1.63	0.05	0.05	0.10	0.026	0.08	14.3	3.1	0.10	317	4.33	0.02
DD024595		1.05	31.8	2.14	2.74	0.08	0.08	0.14	0.035	0.13	19.8	5.9	0.17	1060	1.12	<0.01
DD024596		0.88	33.0	2.36	3.54	0.08	0.09	0.11	0.041	0.12	25.7	7.3	0.19	731	1.16	0.01
DD024597		0.66	24.8	2.20	3.56	0.08	0.05	0.11	0.032	0.09	25.0	8.0	0.23	870	0.99	0.02
DD024598		0.52	25.8	2.38	2.97	0.11	0.03	0.08	0.035	0.07	44.6	8.3	0.26	1720	1.58	0.02
DD024599		0.39	22.4	1.62	2.43	<0.05	0.03	0.13	0.026	0.05	10.6	3.2	0.10	773	1.47	0.02
DD024600		0.43	15.9	1.12	1.41	<0.05	0.05	0.07	0.018	0.05	11.8	4.3	0.20	386	0.91	0.01
DD024601		0.34	15.4	1.05	1.51	<0.05	0.03	0.17	0.016	0.05	7.6	2.1	0.06	465	1.21	<0.01
DD024602		1.56	54.5	3.43	3.40	0.11	0.05	0.43	0.046	0.12	26.6	10.2	0.13	544	7.30	0.01
DD024603		1.10	54.1	2.59	2.40	0.07	0.03	0.27	0.034	0.08	13.0	4.3	0.05	283	13.70	<0.01
DD024604		1.42	35.2	2.45	3.07	<0.05	<0.02	0.05	0.034	0.10	6.2	3.2	0.08	160	5.58	<0.01
DD024605		0.91	51.8	2.43	2.39	<0.05	<0.02	0.06	0.038	0.11	5.5	2.6	0.06	291	5.21	<0.01
DD024606		1.04	22.8	3.41	3.88	<0.05	0.05	0.07	0.027	0.07	5.6	16.1	0.19	4480	3.66	<0.01
DD024607		0.60	70.8	2.05	1.40	0.06	0.06	0.40	0.030	0.09	6.1	2.2	0.10	73	7.13	<0.01
DD024608		2.17	66.5	3.06	3.19	0.06	0.02	0.19	0.043	0.08	7.7	6.5	0.10	175	13.45	<0.01
DD024609		1.08	73.7	2.54	1.27	0.07	0.04	0.23	0.039	0.10	3.5	1.3	0.03	69	10.70	<0.01
DD024610		0.73	34.8	2.13	1.38	0.06	0.06	0.18	0.032	0.07	8.9	1.4	0.04	146	6.07	<0.01
DD024611		0.87	60.1	2.64	1.24	0.06	0.05	0.30	0.040	0.12	3.6	2.1	0.05	55	8.03	<0.01
DD024612		1.44	67.0	2.53	1.18	0.07	0.04	0.28	0.041	0.13	3.7	1.5	0.05	65	9.77	<0.01
DD024613		0.95	61.9	2.65	1.35	0.06	0.06	0.20	0.041	0.08	2.3	1.3	0.03	62	7.90	<0.01
DD024614		1.08	46.8	2.13	0.99	<0.05	0.04	0.10	0.032	0.09	1.3	0.8	0.02	92	7.01	<0.01
DD024615		1.89	68.6	3.01	1.14	<0.05	0.06	0.23	0.042	0.08	2.0	1.0	0.03	92	7.16	<0.01
DD024616		1.56	76.7	2.48	0.86	0.05	0.07	0.31	0.040	0.09	2.1	0.9	0.03	77	7.15	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024577		0.32	29.8	1340	18.9	14.2	0.001	0.19	1.78	1.5	2.2	0.6	24.6	<0.01	0.16	0.5
DD024578		0.17	20.0	1460	21.5	14.9	0.001	0.31	1.32	0.9	2.0	0.6	27.7	<0.01	0.29	0.2
DD024579		0.23	30.5	1620	15.0	14.9	<0.001	0.30	1.16	0.9	2.7	0.5	37.6	<0.01	0.16	0.2
DD024580		0.13	31.0	1860	6.5	5.2	0.001	0.25	0.93	1.2	2.2	0.2	29.1	<0.01	0.07	0.6
DD024581		0.22	47.4	1610	11.8	6.4	0.002	0.16	1.35	1.9	3.9	0.4	28.0	<0.01	0.16	0.9
DD024582		0.30	66.6	2100	12.4	5.6	0.001	0.18	1.29	1.7	3.5	0.4	38.6	<0.01	0.15	0.9
DD024583		0.29	46.4	1930	10.6	5.3	0.001	0.16	1.14	1.0	3.0	0.3	50.1	<0.01	0.11	0.6
DD024584		0.25	46.9	2790	13.2	5.8	0.001	0.22	1.16	1.2	1.9	0.4	51.5	0.01	0.14	0.6
DD024585		0.15	72.2	2230	12.6	7.0	0.002	0.09	1.01	2.5	3.1	0.4	77.6	<0.01	0.17	1.5
DD024586		0.10	67.0	1850	11.9	8.2	0.002	0.12	1.04	2.8	4.2	0.4	105.5	<0.01	0.22	1.3
DD024587		<0.05	318	790	59.2	7.1	0.055	6.17	11.40	1.5	12.6	1.0	43.0	<0.01	5.76	2.8
DD024588		<0.05	28.1	760	28.0	21.0	0.002	0.56	0.41	5.6	1.1	0.6	53.3	<0.01	0.08	6.1
DD024589		<0.05	118.0	930	11.9	6.3	0.029	0.54	1.44	3.6	11.9	0.5	83.9	<0.01	0.13	2.0
DD024590		0.05	110.0	1360	11.3	5.5	0.014	0.19	1.55	4.1	10.3	0.3	51.6	<0.01	0.23	1.6
DD024591		0.07	73.2	1290	11.2	6.2	0.006	0.18	1.56	3.4	6.1	0.4	42.2	<0.01	0.15	1.3
DD024592		0.13	47.2	1730	9.6	4.8	0.002	0.20	1.08	1.6	3.7	0.3	42.6	<0.01	0.12	0.6
DD024593		0.22	63.5	2730	15.3	7.7	0.001	0.08	1.38	3.1	5.1	0.4	103.0	<0.01	0.22	1.3
DD024594		0.16	48.7	2660	10.9	5.4	0.001	0.19	1.28	0.9	4.8	0.3	60.7	<0.01	0.15	0.5
DD024595		0.41	90.5	2350	15.9	8.8	<0.001	0.08	1.06	3.3	2.0	0.5	59.3	<0.01	0.18	1.1
DD024596		0.44	79.5	3680	15.9	9.7	<0.001	0.16	1.16	1.9	2.3	0.6	31.3	0.01	0.19	0.6
DD024597		0.53	48.0	2590	15.4	7.5	<0.001	0.19	0.93	1.5	2.2	0.5	28.7	0.01	0.17	0.3
DD024598		0.37	39.8	1980	19.6	6.9	<0.001	0.16	1.05	1.6	3.0	0.4	49.3	0.01	0.22	0.4
DD024599		0.32	25.3	2100	10.0	4.3	0.001	0.23	0.79	0.9	2.5	0.3	26.5	<0.01	0.07	0.2
DD024600		0.30	20.4	1650	6.9	4.7	0.001	0.10	0.58	1.7	1.7	0.2	138.5	<0.01	0.05	0.6
DD024601		0.21	19.3	2390	6.4	3.3	0.001	0.24	0.62	0.5	1.5	0.2	31.8	<0.01	0.06	0.2
DD024602		0.25	62.5	1750	20.0	15.0	0.002	0.06	3.26	4.7	3.6	0.6	21.1	<0.01	0.09	1.5
DD024603		0.17	54.1	1210	18.4	9.9	0.002	0.04	5.82	2.2	3.7	0.5	11.2	<0.01	0.12	0.7
DD024604		0.22	33.0	1200	15.5	13.8	0.001	0.03	2.08	0.7	1.1	0.5	7.9	<0.01	0.08	0.2
DD024605		0.18	41.4	1460	16.0	10.0	0.001	0.03	2.31	1.1	1.7	0.5	15.4	<0.01	0.09	0.4
DD024606		0.47	25.5	1370	12.4	12.5	0.003	0.14	0.94	2.1	1.4	0.5	24.4	<0.01	0.04	1.0
DD024607		0.09	89.2	1850	10.5	6.8	0.013	0.15	2.20	3.4	6.4	0.4	89.0	<0.01	0.11	1.0
DD024608		0.22	90.0	2120	15.6	12.7	0.002	0.05	3.03	3.3	6.2	0.6	102.5	<0.01	0.13	0.7
DD024609		<0.05	116.5	1820	10.7	8.1	0.015	0.14	2.08	7.0	10.2	0.5	151.5	<0.01	0.12	1.2
DD024610		0.07	57.4	1810	9.6	7.3	0.007	0.14	1.16	4.2	6.9	0.4	79.3	<0.01	0.08	0.5
DD024611		<0.05	87.7	1710	10.6	8.5	0.011	0.23	1.40	6.0	8.3	0.4	126.5	<0.01	0.11	1.4
DD024612		<0.05	85.9	1810	10.8	9.1	0.015	0.28	1.49	6.1	9.2	0.5	134.5	<0.01	0.12	1.4
DD024613		<0.05	87.3	1490	11.3	8.1	0.009	0.10	1.44	6.6	8.5	0.5	128.0	<0.01	0.10	0.8
DD024614		<0.05	72.5	880	8.5	7.6	0.006	0.09	1.29	3.9	6.0	0.4	81.9	<0.01	0.09	0.7
DD024615		<0.05	91.9	1000	12.6	8.7	0.012	0.11	1.59	8.1	6.5	0.4	123.0	<0.01	0.10	0.9
DD024616		<0.05	102.0	720	11.9	7.5	0.014	0.20	1.41	7.9	7.3	0.4	117.5	<0.01	0.09	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD024577		0.008	0.30	1.25	78	0.13	5.66	183	0.6
DD024578		0.006	0.22	0.86	70	0.12	4.13	136	<0.5
DD024579		0.005	0.19	1.64	66	0.11	8.00	170	<0.5
DD024580		<0.005	0.14	2.64	26	0.08	18.65	258	1.7
DD024581		0.005	0.23	2.45	62	0.08	26.8	179	2.0
DD024582		0.005	0.19	2.00	53	0.14	30.7	287	2.0
DD024583		0.006	0.15	2.05	41	0.13	26.5	238	1.2
DD024584		0.005	0.10	2.32	44	0.07	46.3	299	2.2
DD024585		<0.005	0.15	5.60	50	0.10	35.4	290	3.1
DD024586		<0.005	0.19	3.17	44	0.09	28.5	264	2.4
DD024587		<0.005	7.94	2.37	199	0.39	14.80	8530	1.8
DD024588		<0.005	0.32	0.67	27	<0.05	6.44	139	2.8
DD024589		<0.005	0.10	4.83	45	0.06	20.8	388	6.6
DD024590		<0.005	0.25	6.22	42	0.06	29.1	322	1.4
DD024591		<0.005	0.21	3.59	48	<0.05	23.7	246	1.6
DD024592		<0.005	0.12	3.23	42	0.08	21.1	182	1.5
DD024593		0.007	0.26	4.74	47	0.10	48.0	288	2.8
DD024594		<0.005	0.17	2.89	38	0.07	31.9	197	1.4
DD024595		0.008	0.22	2.24	42	0.14	49.2	366	2.5
DD024596		0.007	0.17	2.60	53	0.12	65.1	404	2.5
DD024597		0.009	0.11	2.98	45	0.11	49.2	262	1.3
DD024598		0.011	0.10	1.11	43	0.20	83.5	277	0.8
DD024599		0.010	0.09	1.79	34	0.07	24.9	170	1.0
DD024600		0.012	0.07	1.33	21	0.09	33.5	136	1.4
DD024601		<0.005	0.07	1.35	24	0.06	20.8	87	0.9
DD024602		0.005	0.41	5.13	145	0.10	40.0	366	1.2
DD024603		<0.005	0.60	2.71	200	0.11	21.5	501	0.6
DD024604		0.006	0.38	1.24	100	0.08	4.72	275	<0.5
DD024605		0.005	0.31	1.75	59	0.07	8.20	291	<0.5
DD024606		0.008	0.26	2.83	64	0.07	4.73	223	1.2
DD024607		<0.005	0.28	4.15	82	0.06	25.4	325	2.2
DD024608		0.005	0.42	5.65	122	0.17	21.4	352	0.7
DD024609		<0.005	0.19	5.26	57	0.06	32.5	360	2.1
DD024610		<0.005	0.13	3.51	58	0.05	25.4	256	2.0
DD024611		<0.005	0.18	3.71	52	0.05	28.4	298	2.4
DD024612		<0.005	0.20	4.01	48	0.05	26.9	265	1.9
DD024613		<0.005	0.12	3.61	47	<0.05	25.7	287	2.3
DD024614		<0.005	0.11	1.78	41	<0.05	7.75	283	1.8
DD024615		<0.005	0.29	3.57	40	<0.05	23.2	273	2.6
DD024616		<0.005	0.17	3.61	28	<0.05	28.4	277	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD024617		0.41	0.006	1.72	0.26	17.6	<0.2	10	1140	0.60	0.19	2.15	0.81	2.76	5.9	16
DD024618		0.33	0.006	1.54	0.30	23.3	<0.2	10	810	0.56	0.18	1.56	0.90	3.38	5.8	21
DD024619		0.38	0.002	1.06	3.35	32.3	<0.2	<10	260	12.40	0.12	1.32	7.33	11.40	38.9	141
DD024620		0.46	0.014	4.95	0.25	51.9	<0.2	<10	80	0.29	0.48	0.10	0.10	5.37	1.2	87
DD024621		0.45	0.009	2.14	0.38	32.8	<0.2	<10	560	0.57	0.21	0.91	1.13	4.95	6.1	32
DD024622		0.36	0.007	2.15	0.43	33.2	<0.2	10	640	0.72	0.20	1.65	1.25	5.12	6.1	26
DD024623		0.40	0.006	1.40	0.38	14.6	<0.2	10	1670	0.60	0.19	0.79	0.71	3.32	5.0	14
DD024624		0.45	0.005	2.14	0.36	21.4	<0.2	<10	1770	0.63	0.21	0.60	1.19	4.13	7.2	18
DD024625		0.41	0.002	0.48	0.59	13.2	<0.2	<10	1440	1.05	0.33	2.50	1.53	16.35	13.4	17
DD024626		0.53	0.003	0.84	0.46	17.9	<0.2	10	700	0.73	0.36	4.29	2.37	11.60	12.5	27
DD024627		0.33	0.007	3.04	0.37	28.1	<0.2	10	880	0.53	0.19	1.29	1.16	3.27	6.2	21
DD024628		0.38	0.006	1.15	0.33	21.6	<0.2	10	210	0.55	0.20	4.59	0.96	3.70	5.8	17
DD024629		0.51	0.011	7.56	0.40	51.6	<0.2	10	60	0.60	0.27	1.21	1.83	7.50	5.2	75
DD024630		0.32	0.011	9.09	0.66	50.3	<0.2	20	660	0.90	0.29	3.84	10.50	14.45	8.2	85
DD024631		0.36	0.011	3.15	0.29	27.2	<0.2	<10	500	0.36	0.25	0.60	0.60	3.43	6.0	26
DD024632		0.42	0.006	1.93	0.40	25.8	<0.2	<10	1330	0.55	0.23	0.39	0.95	3.74	5.8	32
DD024633		0.41	0.007	2.29	0.37	27.7	<0.2	<10	1860	0.75	0.22	0.62	1.35	4.03	6.0	26
DD024634		0.42	0.012	1.78	1.14	210	<0.2	10	160	0.95	0.23	5.82	8.08	41.5	7.9	48
DD024635		0.29	0.003	0.54	1.23	37.5	<0.2	<10	250	0.82	0.23	1.68	7.47	24.9	7.6	29
DD024636		0.39	0.002	0.21	0.80	18.4	<0.2	<10	160	0.67	0.30	0.15	1.19	19.25	8.1	21
DD024637		0.38	0.002	0.18	0.95	12.6	<0.2	<10	230	1.02	0.28	0.91	1.06	25.3	10.4	20
DD024638		0.38	0.004	0.29	0.87	16.4	<0.2	<10	280	0.92	0.29	0.62	1.21	14.55	9.7	19
DD024639		0.47	0.006	0.40	0.75	9.1	<0.2	<10	560	0.98	0.27	0.77	1.42	15.70	5.7	17
DD024640		0.32	0.007	3.42	0.51	23.2	<0.2	10	1160	0.85	0.20	1.18	3.90	4.97	5.0	35
DD024641		0.27	0.008	4.83	0.42	26.6	<0.2	10	1140	0.73	0.20	1.33	5.42	5.58	4.8	44
DD024642		0.50	0.009	6.34	0.44	33.8	<0.2	10	830	0.77	0.20	1.79	10.80	7.26	6.4	59
DD024643		0.34	0.008	6.25	0.65	33.1	<0.2	10	880	1.28	0.20	1.29	10.45	7.72	12.0	67
DD024644		0.38	0.007	3.77	0.48	22.5	<0.2	<10	1620	0.74	0.19	0.88	3.66	6.23	5.5	38
DD024645		0.34	0.004	2.53	0.33	22.4	<0.2	<10	1010	0.53	0.18	0.85	4.24	5.60	4.7	38
DD024646		0.37	0.005	3.15	0.46	18.8	<0.2	<10	1450	0.62	0.17	1.31	1.40	4.48	3.7	37
DD024647		0.38	0.002	0.11	0.89	10.2	<0.2	<10	130	0.59	0.34	0.33	0.36	16.00	8.8	21
DD024648		0.37	0.002	0.14	0.62	10.5	<0.2	<10	170	0.45	0.34	0.02	0.25	9.28	13.5	19
DD024649		0.38	0.003	0.42	0.93	19.6	<0.2	<10	190	1.21	0.23	0.23	1.78	41.4	10.8	23
DD024650		0.24	0.006	0.94	0.58	21.1	<0.2	<10	310	0.74	0.21	0.72	3.29	20.1	7.3	22
DD024651		0.44	0.006	0.62	0.50	17.3	<0.2	<10	600	0.72	0.22	0.14	1.66	17.40	8.2	13
DD024652		0.54	0.008	0.89	0.47	25.9	<0.2	<10	560	0.74	0.21	0.56	5.66	16.00	7.0	11
DD024653		0.35	0.004	0.60	0.64	24.6	<0.2	<10	440	0.65	0.20	0.28	2.30	14.85	3.6	14
DD024654		0.36	0.006	1.87	0.47	19.1	<0.2	<10	1160	0.73	0.17	1.20	3.19	11.75	4.7	19
DD024655		0.43	0.010	27.6	0.89	92.7	<0.2	20	3770	1.01	0.21	3.77	110.5	14.95	3.7	288
DD024656		0.42	0.001	0.25	1.50	14.6	<0.2	<10	270	1.37	0.28	1.12	5.09	20.5	9.8	19

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD024617		1.33	76.1	2.40	0.94	0.05	0.09	0.26	0.032	0.09	1.8	1.0	0.04	72	7.45	<0.01
DD024618		1.05	59.4	3.07	0.98	0.05	0.06	0.21	0.034	0.11	2.3	1.0	0.07	95	6.22	<0.01
DD024619		2.23	1885	22.4	6.26	0.18	0.10	0.11	0.523	0.08	5.6	2.5	0.06	216	7.82	<0.01
DD024620		3.09	63.6	5.86	6.06	0.13	0.06	0.50	0.232	0.50	2.6	2.5	0.02	<5	32.5	0.02
DD024621		1.03	88.1	3.54	1.36	0.09	0.07	0.29	0.050	0.17	3.7	1.8	0.04	64	13.65	0.01
DD024622		0.90	77.3	2.76	1.27	0.08	0.10	0.20	0.034	0.12	3.5	3.6	0.04	82	10.15	0.01
DD024623		0.72	56.3	2.08	1.17	<0.05	0.10	0.23	0.037	0.08	2.2	1.6	0.03	45	6.60	<0.01
DD024624		1.19	68.1	2.42	1.27	0.07	0.12	0.25	0.038	0.11	2.7	1.6	0.04	79	8.17	<0.01
DD024625		0.76	33.1	2.76	1.66	0.07	0.04	0.12	0.037	0.13	11.5	2.8	0.09	455	3.10	<0.01
DD024626		0.80	69.6	3.19	1.78	0.10	0.04	0.13	0.047	0.13	15.8	2.8	0.44	165	18.85	<0.01
DD024627		0.86	75.5	2.58	1.15	0.08	0.06	0.23	0.033	0.10	2.5	1.6	0.07	75	8.63	<0.01
DD024628		1.54	72.5	2.66	1.10	0.07	0.07	0.25	0.035	0.12	2.4	1.5	0.17	61	7.03	0.01
DD024629		1.62	116.0	5.67	2.58	0.14	0.05	0.37	0.098	0.46	7.1	2.1	0.07	55	64.7	0.01
DD024630		1.32	166.5	3.42	2.13	0.17	0.08	0.39	0.050	0.16	13.6	2.4	0.07	69	38.4	0.01
DD024631		1.74	78.3	3.79	1.31	0.08	0.02	0.36	0.050	0.18	2.4	1.1	0.05	71	20.8	0.01
DD024632		1.29	63.6	3.19	1.47	0.06	0.03	0.25	0.043	0.09	2.6	1.1	0.03	104	12.35	<0.01
DD024633		1.25	82.2	2.84	1.30	0.05	0.05	0.24	0.043	0.09	2.5	1.2	0.03	81	9.56	<0.01
DD024634		0.86	66.7	2.67	3.85	0.14	0.06	3.98	0.035	0.15	41.7	9.3	0.25	258	37.7	0.01
DD024635		0.72	29.8	2.58	3.52	0.06	0.05	0.31	0.029	0.09	17.2	11.6	0.33	306	5.91	0.01
DD024636		1.15	30.5	2.82	3.50	<0.05	<0.02	0.06	0.031	0.10	7.7	5.4	0.10	388	5.15	<0.01
DD024637		1.37	34.4	2.87	2.92	0.06	0.09	0.06	0.034	0.10	7.4	16.5	0.31	390	2.14	<0.01
DD024638		1.51	40.9	2.92	2.88	<0.05	0.05	0.13	0.032	0.11	6.4	14.3	0.24	375	2.98	<0.01
DD024639		1.31	60.4	1.20	2.45	0.06	0.10	0.22	0.039	0.09	6.3	11.7	0.22	58	2.78	<0.01
DD024640		0.91	90.9	2.48	1.49	0.12	0.07	0.25	0.045	0.07	4.4	1.8	0.05	24	11.90	0.01
DD024641		0.62	82.0	2.90	1.40	0.10	0.08	0.29	0.042	0.10	5.4	1.4	0.04	41	17.55	0.01
DD024642		1.42	118.0	3.02	1.68	0.13	0.06	0.32	0.050	0.13	7.7	1.5	0.10	60	31.8	0.01
DD024643		1.00	206	3.99	1.92	0.14	0.05	0.31	0.060	0.13	7.5	2.1	0.08	89	29.0	0.01
DD024644		0.74	64.3	2.77	1.48	0.07	0.07	0.28	0.042	0.10	6.5	1.4	0.04	87	12.60	<0.01
DD024645		0.70	50.9	2.48	1.15	0.07	0.07	0.18	0.035	0.10	5.1	1.0	0.04	78	15.10	0.01
DD024646		0.62	54.2	2.20	1.37	0.06	0.07	0.22	0.034	0.06	4.3	1.3	0.04	72	9.34	0.01
DD024647		0.85	25.9	3.13	4.53	<0.05	<0.02	0.03	0.030	0.08	7.2	4.9	0.12	447	2.32	<0.01
DD024648		1.67	30.1	3.07	3.63	<0.05	<0.02	0.05	0.029	0.10	3.8	2.5	0.05	1360	3.40	<0.01
DD024649		0.98	46.0	3.75	2.47	0.06	0.02	0.16	0.050	0.09	11.6	6.7	0.06	396	5.04	<0.01
DD024650		1.01	59.1	2.36	2.16	0.06	0.07	0.59	0.039	0.11	11.4	4.0	0.11	211	5.65	0.01
DD024651		0.96	63.6	2.48	1.73	0.05	0.02	0.16	0.039	0.10	7.9	1.5	0.04	163	5.83	<0.01
DD024652		1.29	68.5	2.11	1.75	0.06	0.03	0.36	0.036	0.12	7.4	2.3	0.08	105	19.95	<0.01
DD024653		0.96	32.6	1.79	2.33	<0.05	0.03	0.16	0.032	0.09	8.1	2.8	0.07	118	9.37	<0.01
DD024654		0.70	58.8	1.96	1.57	0.06	0.06	0.81	0.034	0.08	7.6	2.1	0.08	61	6.85	0.01
DD024655		3.41	165.5	2.10	3.42	0.21	0.02	0.53	0.038	0.14	22.1	4.3	0.16	67	85.0	<0.01
DD024656		1.32	21.0	2.48	3.93	0.08	0.09	0.08	0.033	0.06	17.5	10.4	0.26	5190	1.81	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

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Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024617		<0.05	123.0	940	9.5	7.4	0.013	0.26	1.54	7.7	9.4	0.4	184.5	<0.01	0.08	1.3
DD024618		<0.05	83.0	1550	10.2	8.6	0.013	0.35	1.61	7.4	8.7	0.4	224	<0.01	0.10	1.2
DD024619		<0.05	455	4710	5.8	8.4	0.005	1.10	1.11	90.5	17.5	0.3	190.0	0.01	0.13	3.5
DD024620		<0.05	19.8	1810	28.5	45.4	0.013	1.50	2.68	9.3	24.6	2.0	498	<0.01	0.35	2.2
DD024621		<0.05	111.5	1570	12.1	13.5	0.012	0.55	2.09	8.1	19.7	0.6	216	<0.01	0.14	2.1
DD024622		<0.05	113.0	1660	11.2	7.9	0.016	0.38	1.52	7.2	15.0	0.5	274	<0.01	0.11	1.7
DD024623		<0.05	86.5	960	9.8	6.4	0.009	0.07	1.48	6.3	5.6	0.4	119.0	<0.01	0.10	1.2
DD024624		<0.05	128.5	1410	12.0	8.0	0.012	0.11	1.73	7.1	14.9	0.5	167.0	<0.01	0.11	2.1
DD024625		0.30	75.8	920	24.3	7.8	0.004	0.06	1.01	4.7	5.0	0.6	33.6	<0.01	0.14	3.6
DD024626		0.07	141.0	1580	26.9	9.1	0.008	0.03	1.46	6.3	12.7	0.6	61.7	<0.01	0.14	2.8
DD024627		<0.05	152.0	1490	10.5	6.8	0.017	0.35	1.79	6.4	14.2	0.5	180.0	<0.01	0.12	0.9
DD024628		<0.05	100.5	1350	10.4	9.0	0.019	0.96	1.55	7.5	11.9	0.5	224	<0.01	0.08	1.8
DD024629		0.05	118.0	3590	18.2	37.0	0.035	1.36	3.14	10.1	28.9	1.3	392	<0.01	0.30	2.2
DD024630		0.09	256	5550	17.9	10.9	0.066	0.43	4.81	7.3	33.1	0.9	405	<0.01	0.19	3.7
DD024631		0.05	109.5	1430	14.2	15.6	0.016	0.51	1.90	7.0	16.5	0.7	135.0	<0.01	0.17	0.8
DD024632		0.07	72.4	1330	11.9	9.2	0.010	0.19	1.58	5.9	11.5	0.5	86.8	<0.01	0.14	0.7
DD024633		<0.05	145.0	1440	12.2	7.8	0.005	0.06	1.90	8.6	8.4	0.5	130.0	<0.01	0.10	1.5
DD024634		0.38	156.0	5870	26.5	9.7	0.003	0.14	7.96	2.2	9.8	0.7	75.0	<0.01	0.12	0.7
DD024635		0.64	69.8	1730	15.2	9.9	0.003	0.09	2.51	3.0	2.0	0.5	32.9	<0.01	0.06	1.0
DD024636		0.16	26.4	1310	19.0	11.8	0.001	0.04	1.64	0.6	0.7	0.7	21.7	<0.01	0.06	<0.2
DD024637		0.19	34.8	1240	16.2	10.2	<0.001	0.06	0.95	3.7	1.2	0.4	44.0	<0.01	0.03	1.9
DD024638		0.18	40.0	1410	16.3	11.4	<0.001	0.06	1.16	2.7	1.3	0.5	30.5	<0.01	0.05	1.1
DD024639		0.17	37.6	920	18.2	8.4	0.015	0.16	1.40	4.6	4.8	0.5	32.4	<0.01	0.05	3.3
DD024640		0.05	122.5	2130	11.5	7.2	0.019	0.24	2.34	7.0	28.7	0.5	130.0	<0.01	0.13	1.5
DD024641		<0.05	121.5	2740	11.1	7.6	0.027	0.22	3.26	5.8	16.8	0.5	169.5	<0.01	0.15	1.1
DD024642		<0.05	158.5	3540	11.1	9.7	0.053	0.34	5.35	8.1	21.5	0.6	232	<0.01	0.14	2.1
DD024643		0.05	292	3240	12.5	10.2	0.034	0.34	4.67	10.5	27.3	0.6	210	<0.01	0.16	1.8
DD024644		<0.05	94.0	2490	10.8	8.0	0.011	0.18	2.25	6.7	10.6	0.5	138.5	<0.01	0.12	1.2
DD024645		<0.05	87.1	2000	10.6	7.9	0.014	0.17	3.23	4.9	12.2	0.4	115.0	<0.01	0.10	0.8
DD024646		0.06	91.1	1890	9.2	5.4	0.014	0.13	1.99	4.2	8.7	0.4	137.0	<0.01	0.11	0.5
DD024647		0.26	23.0	870	17.1	11.2	<0.001	0.05	0.84	0.7	0.3	0.7	22.5	<0.01	0.05	<0.2
DD024648		0.18	20.8	930	19.6	13.1	<0.001	0.04	1.11	0.7	0.3	0.8	15.3	<0.01	0.05	<0.2
DD024649		0.14	39.9	2180	20.3	8.0	0.002	0.07	2.74	1.6	1.3	0.5	27.2	<0.01	0.07	0.6
DD024650		0.18	53.5	1500	15.8	10.1	0.003	0.06	3.16	4.7	1.9	0.5	46.2	<0.01	0.08	1.9
DD024651		0.08	57.2	1290	15.3	8.4	0.002	0.02	2.64	2.8	2.5	0.4	18.3	<0.01	0.08	1.3
DD024652		0.15	193.5	1200	13.8	11.5	0.004	0.04	3.64	3.9	2.2	0.4	34.7	<0.01	0.08	2.9
DD024653		0.16	40.2	1080	10.9	10.4	0.003	0.03	2.68	2.3	1.3	0.5	18.3	<0.01	0.08	1.0
DD024654		0.10	71.8	1710	10.8	7.6	0.006	0.11	2.55	3.6	5.3	0.4	65.3	<0.01	0.09	1.2
DD024655		0.08	283	6000	12.5	16.1	0.009	0.08	28.8	6.4	25.2	0.6	353	<0.01	0.23	1.4
DD024656		0.17	21.5	2530	47.6	12.4	<0.001	0.14	0.66	2.8	1.4	0.4	26.3	<0.01	0.03	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD024617		<0.005	0.15	2.50	31	<0.05	27.4	349	4.7
DD024618		<0.005	0.23	2.91	41	<0.05	32.0	276	3.6
DD024619		<0.005	0.20	82.1	85	0.07	216	1410	3.7
DD024620		<0.005	0.68	4.06	138	0.11	9.23	81	4.7
DD024621		<0.005	0.28	5.30	57	0.05	29.4	358	4.7
DD024622		<0.005	0.12	4.84	54	0.05	40.8	375	5.3
DD024623		<0.005	0.14	3.91	38	<0.05	26.8	244	3.9
DD024624		<0.005	0.14	3.46	46	<0.05	28.8	368	7.0
DD024625		<0.005	0.15	2.02	35	0.12	26.7	250	2.1
DD024626		<0.005	0.10	3.68	40	<0.05	42.1	428	2.5
DD024627		<0.005	0.16	3.65	49	0.07	34.0	475	3.2
DD024628		<0.005	0.19	3.38	33	<0.05	31.2	327	4.5
DD024629		<0.005	1.03	7.82	91	0.38	29.5	331	3.8
DD024630		<0.005	0.70	21.7	107	0.43	58.4	911	3.9
DD024631		<0.005	0.44	3.53	54	0.08	21.4	310	0.9
DD024632		<0.005	0.20	4.49	66	0.07	20.2	322	1.7
DD024633		<0.005	0.14	3.43	59	<0.05	33.1	443	3.2
DD024634		0.009	0.77	28.7	360	0.29	65.7	831	1.9
DD024635		0.015	0.54	6.18	167	0.16	21.6	486	1.6
DD024636		0.006	0.23	1.66	88	0.12	6.23	182	<0.5
DD024637		<0.005	0.21	2.21	36	<0.05	12.55	180	2.4
DD024638		<0.005	0.27	2.09	43	<0.05	13.60	193	1.4
DD024639		<0.005	0.24	3.09	53	<0.05	15.50	238	3.0
DD024640		<0.005	0.26	9.24	70	0.08	36.3	399	3.1
DD024641		<0.005	0.30	8.68	84	0.13	37.8	449	2.9
DD024642		<0.005	0.47	13.45	115	0.20	46.9	557	3.5
DD024643		<0.005	0.48	16.10	110	0.19	55.0	837	2.4
DD024644		<0.005	0.25	7.24	72	0.10	39.7	369	2.4
DD024645		<0.005	0.31	6.26	89	0.10	26.8	374	2.6
DD024646		<0.005	0.16	8.88	77	0.08	27.7	280	2.4
DD024647		0.010	0.14	1.30	53	0.15	5.37	100	<0.5
DD024648		0.007	0.16	0.91	62	0.20	2.58	111	<0.5
DD024649		<0.005	0.26	3.14	92	0.07	16.15	263	0.5
DD024650		<0.005	0.41	2.71	109	0.08	22.0	360	2.0
DD024651		<0.005	0.31	2.62	61	<0.05	20.1	301	0.6
DD024652		<0.005	0.54	2.87	87	0.05	19.65	1240	1.0
DD024653		<0.005	0.48	3.70	125	0.09	14.45	394	0.7
DD024654		<0.005	0.30	4.55	81	0.06	28.7	337	2.1
DD024655		<0.005	1.80	23.3	892	0.55	80.4	2100	1.1
DD024656		0.006	0.12	1.45	31	<0.05	26.4	275	2.4

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VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD024657		0.37	0.002	0.40	1.82	14.9	<0.2	<10	610	1.02	0.20	0.40	1.11	37.6	9.5	35
DD024658		0.41	0.003	0.25	1.00	17.8	<0.2	<10	170	0.52	0.25	0.03	0.39	18.65	6.8	18
DD024659		0.33	0.003	0.74	1.06	25.7	<0.2	<10	400	0.92	0.20	0.39	3.15	25.7	9.3	41
DD024660		0.39	0.005	0.73	1.36	25.5	<0.2	<10	480	1.03	0.23	0.14	1.10	35.5	12.0	25
DD024661		0.34	0.005	0.64	0.65	19.1	<0.2	<10	360	0.75	0.24	0.17	2.81	21.9	13.2	14
DD024662		0.54	0.018	1.19	0.63	17.0	<0.2	<10	1210	0.65	0.29	0.23	5.27	25.6	23.7	9
DD024663		0.37	0.005	1.17	0.96	18.3	<0.2	<10	800	0.68	0.21	0.17	2.31	22.5	7.1	22
DD024664		0.47	0.003	1.23	0.79	27.5	<0.2	<10	260	0.31	0.26	0.03	0.64	11.55	3.6	36
DD024665		0.36	0.003	0.44	1.05	30.9	<0.2	<10	310	0.30	0.29	0.03	1.44	13.85	4.5	33
DD024666		0.46	0.006	0.53	0.95	19.0	<0.2	<10	310	0.41	0.26	0.04	0.46	10.35	5.7	22
DD024667		0.44	0.005	0.22	1.33	13.6	<0.2	<10	320	0.64	0.24	0.11	0.66	18.90	9.2	21
DD024668		0.40	0.006	0.53	1.37	15.1	<0.2	<10	390	0.74	0.26	0.09	0.89	23.2	7.6	28
DD024669		0.44	0.008	1.71	0.82	17.4	<0.2	<10	520	0.45	0.27	0.04	0.46	25.9	4.6	18
DD024670		0.52	0.013	4.64	0.71	24.5	<0.2	<10	170	0.27	0.23	0.03	0.33	14.35	1.3	32
DD024671		0.46	0.018	0.94	0.82	10.0	<0.2	<10	810	0.57	0.33	0.09	0.72	6.73	5.2	16
DD024672		0.43	0.003	1.61	0.87	14.4	<0.2	<10	290	0.27	0.31	0.14	0.43	12.00	2.7	33
DD024673		0.38	0.006	2.48	1.08	22.7	<0.2	<10	740	0.79	0.19	0.94	2.77	28.4	8.1	40
DD024674		0.40	0.005	2.32	0.52	13.4	<0.2	<10	1400	0.52	0.16	1.52	1.05	9.91	3.3	25
DD024675		0.30	0.006	1.80	0.44	12.9	<0.2	<10	1460	0.44	0.15	1.93	1.05	10.80	4.6	33
DD024676		0.32	0.006	1.81	0.42	13.4	<0.2	<10	1020	0.39	0.14	1.86	0.95	8.97	4.5	27
DD024677		0.58	0.007	1.83	0.53	20.0	<0.2	<10	930	0.62	0.23	1.04	1.69	18.35	12.5	42
DD024678		0.30	0.001	0.64	0.36	3.2	<0.2	<10	860	0.20	0.10	3.84	2.96	3.92	2.0	14
DD024679		0.47	0.005	1.04	0.64	15.9	<0.2	<10	520	0.52	0.18	0.10	0.70	10.95	6.2	26
DD024680		0.36	0.004	2.80	0.50	12.9	<0.2	<10	1040	0.62	0.12	2.40	2.38	8.07	3.5	35
DD024681		0.37	0.009	3.02	0.93	15.3	<0.2	<10	1010	0.88	0.19	0.66	1.09	14.20	9.8	22
DD024682		0.39	0.014	4.71	0.66	16.9	<0.2	<10	1800	0.75	0.18	0.39	1.87	8.72	10.9	26
DD024683		0.44	0.012	6.59	0.49	28.6	<0.2	10	1350	0.73	0.16	1.75	6.37	10.55	5.7	49
DD024684		0.39	0.010	3.23	0.46	25.9	<0.2	10	1070	0.69	0.18	1.76	1.53	7.46	6.4	30
DD024685		0.42	0.005	1.88	0.31	15.7	<0.2	<10	1050	0.50	0.19	0.51	0.73	3.84	6.2	12
DD024686		0.52	0.005	2.91	0.33	29.9	<0.2	10	960	0.61	0.17	0.74	1.18	4.53	7.4	19
DD024687		0.47	0.004	0.97	0.31	18.8	<0.2	<10	920	0.57	0.19	0.42	1.00	3.59	6.7	10
DD024688		0.41	0.006	1.64	0.65	20.7	<0.2	<10	1850	0.74	0.19	0.41	0.84	6.37	6.5	20
DD024689		0.35	0.005	1.48	0.72	21.8	<0.2	<10	1970	0.73	0.19	0.49	0.89	6.98	5.6	26
DD024690		0.36	0.010	4.88	0.65	21.5	<0.2	<10	1160	0.80	0.22	0.88	9.92	15.60	6.3	45
DD024691		0.35	0.006	0.91	0.57	19.3	<0.2	<10	450	0.51	0.23	1.01	1.20	11.45	5.7	13
DD024692		0.38	0.007	0.63	0.55	18.2	<0.2	<10	500	0.77	0.21	1.49	3.18	13.85	5.7	12
DD024693		0.16	0.001	0.08	0.20	3.4	<0.2	<10	60	0.12	0.05	4.51	3.91	3.41	1.6	3
DD024694		0.41	0.003	1.15	0.41	79.8	<0.2	<10	140	0.89	0.18	6.14	4.12	32.8	10.0	17
DD024695		0.48	0.004	0.92	0.39	12.0	<0.2	<10	160	0.88	0.15	6.68	2.00	33.6	9.1	11
DD024696		0.23	0.004	0.60	0.44	5.7	<0.2	<10	340	0.71	0.11	3.49	1.85	29.0	5.2	9

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Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024657		1.20	31.0	3.78	5.64	0.06	0.06	0.05	0.040	0.09	16.5	14.1	0.28	331	7.23	0.01
DD024658		1.84	29.2	3.28	4.19	<0.05	0.02	0.06	0.034	0.09	8.5	6.8	0.10	152	5.67	0.01
DD024659		1.65	70.2	3.26	4.44	0.06	<0.02	0.08	0.042	0.13	13.4	6.6	0.16	491	22.1	0.01
DD024660		1.24	51.3	3.49	4.09	0.08	0.07	0.09	0.050	0.14	16.8	11.4	0.21	274	12.35	0.01
DD024661		2.61	88.2	3.42	2.52	0.08	0.03	0.11	0.045	0.11	9.8	2.1	0.05	388	13.00	0.01
DD024662		1.84	88.5	4.09	2.08	0.09	<0.02	0.30	0.055	0.18	10.0	3.8	0.07	642	11.70	0.03
DD024663		0.68	43.7	2.88	2.44	0.08	0.03	0.11	0.044	0.15	11.4	4.2	0.07	183	19.75	0.01
DD024664		1.58	42.8	3.07	4.36	<0.05	<0.02	0.09	0.038	0.11	5.8	2.0	0.06	166	35.9	0.01
DD024665		0.90	42.5	4.08	5.19	<0.05	<0.02	0.09	0.042	0.09	5.6	4.7	0.12	190	45.5	0.01
DD024666		0.79	39.7	3.40	3.33	<0.05	0.02	0.08	0.039	0.11	5.0	3.6	0.07	131	8.92	0.01
DD024667		1.17	49.7	3.02	3.63	<0.05	0.03	0.05	0.037	0.09	8.9	9.7	0.21	320	4.73	0.01
DD024668		0.93	41.8	3.75	3.88	0.05	<0.02	0.06	0.047	0.11	9.4	8.9	0.19	225	5.58	0.01
DD024669		1.21	57.1	3.52	2.98	0.09	0.02	0.10	0.057	0.35	10.4	3.9	0.08	159	10.75	0.03
DD024670		1.23	60.0	4.60	3.06	0.08	<0.02	0.30	0.073	0.58	5.8	1.5	0.05	59	18.10	0.04
DD024671		0.44	70.4	3.43	2.42	<0.05	0.02	0.07	0.060	0.17	3.4	2.4	0.05	66	2.49	0.01
DD024672		0.83	25.0	2.86	4.58	<0.05	<0.02	0.04	0.044	0.10	7.2	1.7	0.05	60	7.46	<0.01
DD024673		0.53	27.9	2.88	2.63	0.08	0.02	0.12	0.034	0.09	14.4	7.1	0.18	338	5.85	0.01
DD024674		0.34	35.2	1.87	1.45	0.07	0.07	0.13	0.029	0.07	9.0	2.5	0.09	75	4.59	0.01
DD024675		0.30	35.0	1.86	1.22	0.06	0.04	0.15	0.031	0.06	10.8	2.6	0.09	159	4.13	<0.01
DD024676		0.38	34.6	1.71	1.28	0.05	0.05	0.14	0.028	0.06	7.3	2.7	0.08	152	4.72	0.01
DD024677		0.41	60.8	3.60	1.44	0.10	0.07	0.20	0.045	0.08	17.3	3.2	0.07	244	8.09	0.01
DD024678		0.18	16.1	0.68	0.95	<0.05	0.04	0.13	0.011	0.08	5.0	1.2	0.05	210	2.13	0.02
DD024679		0.77	40.0	2.50	2.33	<0.05	<0.02	0.08	0.034	0.07	5.7	2.7	0.06	275	7.36	0.01
DD024680		0.24	26.5	1.66	1.45	0.05	0.04	0.20	0.023	0.05	6.8	2.2	0.06	118	5.22	0.01
DD024681		0.81	61.8	3.14	2.05	0.09	0.03	0.32	0.045	0.05	7.7	3.8	0.06	304	8.52	0.01
DD024682		0.76	106.5	4.21	1.60	0.11	0.02	0.60	0.038	0.06	5.7	4.4	0.09	131	17.25	<0.01
DD024683		0.60	64.8	2.73	1.54	0.10	0.07	0.32	0.035	0.11	10.0	2.4	0.06	120	16.15	0.01
DD024684		0.61	70.8	3.16	1.44	0.10	0.07	0.33	0.041	0.11	5.6	2.2	0.06	180	7.82	0.01
DD024685		1.13	60.4	2.35	0.97	<0.05	0.09	0.21	0.040	0.08	2.6	1.8	0.04	82	7.97	0.01
DD024686		0.96	70.1	3.35	1.01	0.08	0.08	0.19	0.038	0.09	3.4	1.9	0.04	114	7.25	0.02
DD024687		1.16	44.6	2.40	0.86	0.05	<0.02	0.13	0.037	0.10	2.4	1.0	0.03	89	3.20	0.01
DD024688		0.99	56.4	2.88	1.75	0.06	0.04	0.15	0.037	0.08	3.9	3.1	0.07	136	6.05	<0.01
DD024689		0.74	50.0	2.81	2.06	0.05	0.04	0.13	0.036	0.07	4.5	3.4	0.08	143	5.59	<0.01
DD024690		1.78	82.0	2.43	2.19	0.08	0.06	0.25	0.040	0.16	10.7	3.5	0.08	163	17.00	0.01
DD024691		2.15	62.6	2.87	2.35	<0.05	0.04	0.21	0.040	0.18	7.0	1.5	0.05	113	11.15	0.01
DD024692		0.42	62.0	2.00	1.86	0.05	0.08	0.26	0.037	0.12	10.5	2.2	0.07	133	9.93	0.01
DD024693		0.21	8.8	0.35	0.49	<0.05	0.03	0.14	0.007	0.05	2.4	0.9	0.07	281	1.20	0.01
DD024694		0.45	32.3	2.44	1.67	0.07	0.04	0.82	0.037	0.15	21.5	1.9	0.11	146	12.90	0.01
DD024695		0.37	28.6	1.97	1.31	0.07	0.07	0.17	0.033	0.16	20.6	2.2	0.97	230	5.65	0.01
DD024696		0.16	21.8	1.41	1.18	0.06	0.05	0.16	0.023	0.08	24.3	2.1	0.10	261	3.33	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024657		0.37	42.7	1900	16.2	16.1	0.001	0.07	2.20	3.0	1.9	0.6	18.7	<0.01	0.06	1.5
DD024658		0.43	31.8	1140	26.0	14.3	0.001	0.08	1.86	1.7	1.4	0.6	17.3	<0.01	0.06	0.8
DD024659		0.20	68.4	2230	19.4	14.1	0.001	0.13	7.19	0.5	3.9	0.6	30.3	<0.01	0.12	<0.2
DD024660		0.33	66.5	1590	20.3	13.1	0.001	0.16	4.89	3.7	4.4	0.6	41.2	<0.01	0.11	2.3
DD024661		0.17	87.0	1810	22.8	10.8	0.002	0.06	6.73	4.2	5.9	0.5	43.6	<0.01	0.12	2.5
DD024662		0.13	135.5	1810	29.1	11.5	0.003	0.31	5.71	3.3	4.5	0.5	97.2	<0.01	0.09	2.5
DD024663		0.23	65.2	2010	14.7	8.9	0.003	0.23	3.83	2.0	5.4	0.5	46.5	<0.01	0.16	1.0
DD024664		0.20	40.9	1680	15.9	12.5	0.002	0.18	4.06	0.4	6.1	0.7	36.6	<0.01	0.19	<0.2
DD024665		0.49	47.8	1060	15.0	10.4	0.004	0.17	5.27	1.0	7.9	0.8	25.3	<0.01	0.32	0.2
DD024666		0.20	40.1	1870	16.1	11.6	0.003	0.17	2.79	0.6	3.5	0.5	32.5	<0.01	0.12	0.3
DD024667		0.37	45.5	1570	16.1	12.5	0.001	0.04	2.71	1.7	2.1	0.5	19.3	<0.01	0.08	1.0
DD024668		0.26	45.4	1650	15.5	10.0	0.001	0.15	2.20	0.7	2.6	0.5	25.7	<0.01	0.10	0.3
DD024669		0.18	29.1	2110	21.9	16.4	0.001	0.63	3.77	2.6	5.7	0.6	86.2	<0.01	0.10	1.9
DD024670		0.21	13.6	3030	21.8	18.7	0.002	1.18	6.74	3.7	9.9	0.6	87.1	<0.01	0.15	1.7
DD024671		0.20	27.8	1210	18.0	12.7	0.002	0.28	0.86	3.4	2.7	0.5	30.0	<0.01	0.43	0.6
DD024672		0.19	23.5	1160	15.4	11.8	0.001	0.17	1.10	0.2	5.8	0.8	21.4	<0.01	0.13	<0.2
DD024673		0.24	65.9	2530	13.4	7.2	0.003	0.11	1.66	2.0	4.3	0.5	74.2	<0.01	0.06	0.5
DD024674		0.13	64.0	1730	8.6	5.6	0.002	0.18	1.42	2.3	7.6	0.3	48.7	<0.01	0.17	1.0
DD024675		0.11	60.9	1690	9.4	4.2	0.003	0.18	1.52	2.0	5.4	0.3	47.6	<0.01	0.20	0.5
DD024676		0.13	60.8	1490	8.7	4.5	0.003	0.14	1.39	2.2	4.6	0.3	44.2	<0.01	0.19	0.8
DD024677		0.14	111.5	1870	16.2	5.2	0.003	0.08	2.10	5.2	5.1	0.4	50.9	<0.01	0.23	2.9
DD024678		0.15	22.6	1820	4.3	2.5	<0.001	0.30	0.48	0.4	2.6	0.2	42.5	<0.01	0.05	<0.2
DD024679		0.10	62.7	1650	11.3	7.1	0.002	0.11	1.41	0.6	5.1	0.5	30.4	<0.01	0.07	<0.2
DD024680		0.17	50.9	2150	7.8	3.6	0.002	0.18	1.51	1.4	4.7	0.3	104.0	<0.01	0.05	0.2
DD024681		0.31	97.4	1690	10.0	6.6	0.004	0.16	1.64	4.3	6.3	0.4	42.2	0.01	0.09	0.4
DD024682		0.20	202	1340	11.5	5.1	0.004	0.12	2.02	16.4	10.9	0.4	69.7	<0.01	0.10	1.3
DD024683		0.11	119.5	2490	11.8	6.3	0.010	0.21	3.11	5.4	14.7	0.5	136.5	<0.01	0.11	1.5
DD024684		0.11	109.5	2000	12.1	7.5	0.004	0.32	2.33	5.1	12.7	0.5	119.0	<0.01	0.09	0.8
DD024685		<0.05	91.1	1300	12.1	7.1	0.020	0.09	1.52	6.8	4.7	0.4	67.6	<0.01	0.10	2.4
DD024686		<0.05	124.5	1400	11.4	7.2	0.009	0.29	1.69	7.8	8.7	0.4	107.5	<0.01	0.12	2.8
DD024687		<0.05	70.5	1360	13.1	7.0	0.009	0.23	1.53	4.5	3.9	0.3	61.7	<0.01	0.11	0.9
DD024688		0.13	87.0	1420	11.1	8.6	0.003	0.14	1.36	4.3	4.7	0.5	63.3	<0.01	0.10	0.8
DD024689		0.15	75.1	1590	10.9	7.8	0.003	0.11	1.27	3.5	5.3	0.5	54.8	<0.01	0.10	0.6
DD024690		0.14	101.0	2350	15.1	11.6	0.006	0.12	5.21	3.7	7.7	0.5	69.1	<0.01	0.09	1.7
DD024691		0.17	57.1	1430	18.1	14.3	0.001	0.18	4.16	2.0	3.4	0.5	44.9	<0.01	0.10	1.0
DD024692		0.13	58.3	1320	14.4	7.9	0.002	0.08	3.88	2.4	3.8	0.4	28.8	<0.01	0.07	1.5
DD024693		0.11	6.6	1140	2.5	2.0	<0.001	0.26	0.51	0.3	0.7	<0.2	27.5	<0.01	0.01	0.2
DD024694		0.07	72.5	1020	16.2	7.7	0.002	0.06	4.71	2.4	3.7	0.4	95.5	<0.01	0.04	1.7
DD024695		0.07	50.8	960	12.8	7.2	<0.001	0.06	2.55	2.4	2.6	0.2	195.0	<0.01	0.03	1.1
DD024696		0.11	31.7	1510	8.6	5.0	0.001	0.20	1.72	1.0	2.5	0.2	79.7	<0.01	0.03	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD024657		0.005	0.31	2.16	176	0.13	14.10	232	1.5
DD024658		0.008	0.33	0.97	89	0.12	3.96	160	0.5
DD024659		<0.005	0.64	3.98	348	0.14	14.20	306	<0.5
DD024660		0.007	0.66	2.22	145	0.13	13.85	317	1.7
DD024661		<0.005	0.56	4.05	118	0.06	23.7	563	0.8
DD024662		<0.005	0.94	3.51	69	0.14	19.20	727	<0.5
DD024663		0.006	0.95	3.56	131	0.13	20.6	339	0.9
DD024664		0.007	1.16	2.98	209	0.22	3.53	189	<0.5
DD024665		0.014	1.61	2.77	423	0.28	6.49	233	<0.5
DD024666		0.006	0.56	2.04	95	0.12	4.77	212	0.5
DD024667		0.011	0.39	1.99	81	0.14	8.33	270	0.8
DD024668		0.009	0.46	2.37	81	0.14	9.78	266	<0.5
DD024669		0.006	0.83	2.70	110	0.07	8.12	160	0.7
DD024670		0.007	1.24	4.25	149	0.08	7.04	59	0.6
DD024671		<0.005	0.14	1.72	53	0.08	7.75	161	0.5
DD024672		0.006	0.26	1.74	91	0.18	3.79	108	<0.5
DD024673		0.010	0.28	3.89	72	0.17	36.8	266	0.6
DD024674		<0.005	0.19	3.26	47	0.08	27.9	205	2.6
DD024675		<0.005	0.13	3.13	45	0.07	23.3	229	1.5
DD024676		<0.005	0.13	3.08	45	0.09	17.95	216	1.8
DD024677		<0.005	0.25	4.71	55	0.07	47.1	403	2.8
DD024678		0.005	0.07	2.07	16	<0.05	12.75	141	1.2
DD024679		0.005	0.18	2.67	63	0.14	12.40	216	<0.5
DD024680		<0.005	0.11	3.36	76	0.18	24.7	194	1.7
DD024681		0.006	0.22	7.15	52	0.18	62.0	296	0.5
DD024682		0.007	0.23	8.19	55	0.07	73.8	562	0.9
DD024683		<0.005	0.25	6.19	116	0.14	46.5	452	3.6
DD024684		<0.005	0.34	8.07	60	0.07	47.0	338	3.3
DD024685		<0.005	0.16	3.55	33	<0.05	26.1	275	4.9
DD024686		<0.005	0.18	4.80	51	<0.05	40.0	373	6.1
DD024687		<0.005	0.23	2.89	42	<0.05	26.4	242	<0.5
DD024688		<0.005	0.18	3.94	53	0.06	29.0	286	1.3
DD024689		<0.005	0.15	4.01	68	0.08	25.3	293	1.2
DD024690		<0.005	0.48	7.72	145	0.14	29.6	569	1.6
DD024691		<0.005	0.64	2.03	150	0.06	9.56	365	1.1
DD024692		<0.005	0.53	2.51	137	0.06	19.10	378	2.8
DD024693		0.005	0.18	1.57	16	<0.05	3.54	233	1.0
DD024694		<0.005	0.52	3.64	138	0.07	26.7	396	1.2
DD024695		<0.005	0.40	1.63	74	<0.05	23.4	195	1.8
DD024696		<0.005	0.12	2.07	57	<0.05	26.4	153	1.4

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Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD024697		0.29	0.004	0.68	0.24	3	<0.2	<10	170	0.71	0.14	12.05	1.16	25.7	6.7	8
DD024698		0.60	0.007	1.31	0.46	12.0	<0.2	10	240	1.01	0.17	9.92	3.54	28.7	11.2	18
DD024699		0.47	0.004	1.01	0.47	13.2	<0.2	10	270	1.05	0.16	9.74	2.20	30.4	11.9	16
DD024700		0.57	0.004	0.82	0.58	12.5	<0.2	10	290	1.20	0.14	6.71	1.02	31.7	12.0	18
DD024701		0.35	0.004	0.73	0.57	16.4	<0.2	10	310	1.11	0.13	3.68	1.08	29.9	17.7	19
DD024702		0.50	0.002	0.79	0.47	13.6	<0.2	<10	260	0.99	0.14	8.50	2.29	29.7	13.6	18
DD024703		0.34	0.003	0.26	0.77	14.8	<0.2	10	270	0.86	0.09	2.51	0.86	29.1	18.3	39
DD024704		0.41	0.003	0.25	0.79	13.6	<0.2	<10	290	0.81	0.11	1.46	0.80	28.2	14.6	35
DD024705		0.39	0.003	0.42	0.71	16.3	<0.2	<10	230	0.93	0.10	1.37	1.00	29.9	16.8	31
DD024706		0.31	0.003	0.10	0.70	10.0	<0.2	<10	120	0.64	0.29	1.52	0.38	22.0	7.1	11
DD024707		0.44	0.002	0.16	0.20	15.9	<0.2	10	80	0.42	0.36	0.26	0.08	8.74	5.3	6
DD024708		0.35	0.004	0.42	1.15	21.5	<0.2	<10	320	1.31	0.28	1.31	1.88	18.35	10.4	23
DD024709		0.33	0.026	0.14	1.04	12.5	<0.2	10	170	1.24	0.31	0.96	0.17	18.45	12.6	18
DD024710		0.42	0.002	0.13	0.88	12.6	<0.2	10	140	1.11	0.30	0.84	0.30	21.8	14.8	16
DD024711		0.41	0.003	0.14	0.87	11.8	<0.2	<10	160	0.97	0.33	0.69	0.78	21.6	15.1	17
DD024712		0.37	0.008	0.26	1.92	66.0	<0.2	<10	210	0.94	0.28	0.12	2.05	30.5	19.2	29
DD024713		0.43	0.005	0.39	1.05	33.5	<0.2	<10	420	0.58	0.23	0.10	5.59	20.9	10.6	24
DD024714		0.39	0.006	0.60	1.26	42.8	<0.2	<10	490	0.71	0.26	0.09	3.27	21.5	12.5	24
DD024715		0.48	0.005	0.24	1.56	39.1	<0.2	<10	240	0.68	0.26	0.14	2.11	30.8	15.8	25
DD024716		0.31	0.003	0.43	1.45	31.1	<0.2	<10	320	0.70	0.31	0.13	2.32	25.2	14.6	27
DD024717		0.38	0.004	0.13	1.86	34.1	<0.2	<10	260	0.83	0.25	0.14	1.36	32.6	17.2	28
DD024718		0.49	0.003	0.32	1.67	24.8	<0.2	<10	410	0.81	0.21	0.26	1.34	39.8	20.4	26
DD024719		0.42	0.004	0.35	1.42	24.9	<0.2	<10	540	0.81	0.19	0.51	3.50	38.9	19.3	25
DD024720		0.37	0.006	0.57	1.06	14.9	<0.2	<10	1730	0.82	0.19	0.69	2.95	18.45	8.4	18

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024697		0.16	24.4	1.79	0.68	0.06	0.05	0.12	0.031	0.08	18.2	1.4	2.69	166	3.08	0.01
DD024698		0.58	59.3	2.14	1.47	0.08	0.19	0.17	0.042	0.19	19.9	2.0	2.09	162	8.97	0.01
DD024699		0.75	49.6	2.61	1.39	0.08	0.15	0.18	0.047	0.20	19.5	2.1	1.42	205	6.79	0.01
DD024700		0.98	50.6	3.03	1.71	0.08	0.11	0.13	0.050	0.23	20.6	2.6	0.29	188	4.81	0.01
DD024701		1.09	52.1	4.57	1.57	0.07	0.09	0.16	0.052	0.21	17.3	2.8	0.24	247	5.71	0.02
DD024702		0.62	48.1	3.22	1.40	0.07	0.12	0.13	0.047	0.17	19.4	2.6	1.40	207	6.65	0.01
DD024703		0.64	32.2	4.85	2.09	0.08	0.06	0.07	0.051	0.17	15.0	7.4	0.27	334	3.13	0.02
DD024704		0.54	29.9	4.05	2.14	0.08	0.07	0.09	0.048	0.14	14.7	6.2	0.18	204	2.85	0.01
DD024705		0.75	36.5	4.32	1.92	0.09	0.05	0.10	0.056	0.16	18.6	5.0	0.16	288	3.54	0.01
DD024706		0.73	19.7	2.73	2.35	<0.05	0.04	0.10	0.030	0.08	8.5	5.3	0.10	239	0.67	0.01
DD024707		1.25	25.2	2.95	0.94	<0.05	0.08	1.06	0.035	0.15	3.5	2.2	0.02	71	0.95	0.01
DD024708		1.65	41.0	2.94	3.78	0.05	0.07	0.21	0.032	0.09	11.1	10.0	0.23	540	9.24	0.01
DD024709		1.23	36.5	3.28	3.36	0.05	0.14	0.21	0.041	0.10	8.7	24.2	0.34	345	0.63	0.01
DD024710		1.21	35.2	3.39	2.88	0.06	0.11	0.20	0.037	0.11	9.4	22.1	0.31	653	0.71	0.01
DD024711		1.42	42.5	3.38	2.91	0.09	0.12	0.19	0.041	0.10	8.5	18.9	0.34	586	1.17	<0.01
DD024712		2.33	61.0	4.12	5.15	0.12	0.06	0.14	0.046	0.09	13.4	19.7	0.50	592	11.75	<0.01
DD024713		1.16	70.4	2.72	3.79	0.10	0.04	0.10	0.033	0.07	11.5	9.3	0.22	340	26.2	<0.01
DD024714		1.34	68.6	3.44	4.20	0.10	0.05	0.13	0.042	0.09	10.6	11.3	0.25	356	18.30	<0.01
DD024715		1.63	48.8	3.75	4.90	0.11	0.06	0.07	0.041	0.08	14.2	17.7	0.43	461	11.10	<0.01
DD024716		1.47	60.6	3.63	4.88	0.11	0.07	0.07	0.048	0.10	11.3	11.9	0.27	436	14.65	<0.01
DD024717		1.95	49.9	3.92	5.49	0.11	0.06	0.06	0.048	0.09	13.7	19.5	0.51	478	6.44	<0.01
DD024718		1.56	64.3	4.69	5.00	0.15	0.06	0.06	0.053	0.12	17.3	19.2	0.49	422	7.78	<0.01
DD024719		2.10	67.9	5.27	4.37	0.18	0.08	0.09	0.059	0.15	16.7	20.0	0.43	441	19.90	<0.01
DD024720		0.96	49.1	2.49	3.40	0.09	0.09	0.17	0.038	0.09	9.0	9.3	0.21	165	6.98	<0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024697		<0.05	39.3	550	10.0	3.8	0.001	0.05	1.58	3.1	2.5	0.2	163.0	<0.01	0.03	1.4
DD024698		<0.05	90.5	1670	14.9	8.1	0.003	0.04	3.95	5.1	5.9	0.3	138.0	<0.01	0.08	6.2
DD024699		0.05	82.9	1750	13.9	8.3	0.002	0.06	2.79	5.7	4.2	0.3	167.5	<0.01	0.07	5.9
DD024700		0.09	89.4	2630	13.2	8.9	0.001	0.07	1.90	6.6	3.2	0.4	160.0	<0.01	0.08	5.8
DD024701		0.09	110.0	2100	13.7	8.6	0.003	0.13	1.89	7.7	2.7	0.4	109.5	<0.01	0.08	5.3
DD024702		0.07	88.0	1780	13.6	6.7	0.003	0.10	2.58	6.7	3.8	0.3	138.5	<0.01	0.06	5.5
DD024703		0.16	79.2	1640	9.8	5.9	0.001	0.21	1.09	9.4	1.7	0.4	78.5	<0.01	0.05	3.1
DD024704		0.18	70.0	1450	10.7	6.0	0.001	0.17	1.06	7.4	2.1	0.4	56.7	<0.01	0.04	2.1
DD024705		0.14	84.6	1730	9.8	6.4	0.002	0.14	1.26	9.7	2.6	0.4	63.2	<0.01	0.05	2.7
DD024706		0.39	18.7	910	21.8	8.9	<0.001	0.08	0.47	2.4	1.0	0.4	57.3	<0.01	0.04	1.0
DD024707		<0.05	14.9	350	42.6	7.6	<0.001	0.26	0.38	2.0	0.5	0.3	31.4	<0.01	0.05	3.7
DD024708		0.51	52.8	1230	22.9	12.0	0.001	0.09	3.37	3.9	2.4	0.5	54.6	<0.01	0.05	1.4
DD024709		0.26	31.9	810	25.9	10.2	<0.001	0.06	0.43	6.2	1.1	0.4	53.8	<0.01	0.04	2.8
DD024710		0.23	32.7	870	28.1	8.7	<0.001	0.06	0.48	5.5	1.0	0.4	45.4	<0.01	0.04	2.6
DD024711		0.24	36.0	800	25.0	9.3	<0.001	0.04	0.62	6.2	1.0	0.4	42.7	0.01	0.04	3.5
DD024712		0.50	82.1	960	31.7	12.9	0.002	0.03	4.21	5.5	3.0	0.5	16.7	<0.01	0.08	4.6
DD024713		0.36	80.1	930	15.9	9.9	0.001	0.04	7.57	3.5	4.1	0.5	18.2	0.01	0.15	1.4
DD024714		0.38	69.6	1030	22.9	11.4	0.001	0.05	7.48	3.7	3.6	0.6	18.9	<0.01	0.12	1.7
DD024715		0.54	57.5	970	20.1	11.2	0.001	0.02	4.64	4.7	2.3	0.5	15.5	<0.01	0.07	3.9
DD024716		0.49	57.3	1360	19.8	14.1	0.002	0.04	6.66	3.5	4.7	0.6	28.8	<0.01	0.13	2.2
DD024717		0.54	52.3	920	19.7	14.5	0.001	0.02	2.90	5.2	1.9	0.6	12.7	<0.01	0.06	3.7
DD024718		0.28	58.0	1500	21.2	14.0	0.001	0.01	3.15	5.8	2.0	0.6	16.0	0.01	0.05	3.7
DD024719		0.29	84.0	1560	20.5	13.4	0.007	0.02	4.40	7.4	3.7	0.6	23.3	0.01	0.06	3.5
DD024720		0.22	62.6	1150	14.3	10.7	0.005	0.04	3.01	4.0	2.5	0.5	38.7	0.01	0.06	2.2

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD024697		<0.005	0.13	1.66	48	<0.05	19.90	137	1.4
DD024698		<0.005	0.17	4.02	162	<0.05	24.8	369	10.5
DD024699		<0.005	0.17	3.13	103	<0.05	24.1	281	7.8
DD024700		<0.005	0.14	2.55	81	<0.05	22.8	243	6.3
DD024701		<0.005	0.30	2.36	74	<0.05	20.2	245	5.0
DD024702		<0.005	0.18	2.82	96	<0.05	22.8	262	6.4
DD024703		<0.005	0.24	1.12	47	<0.05	16.00	160	2.1
DD024704		<0.005	0.21	1.37	45	<0.05	15.20	144	2.4
DD024705		<0.005	0.24	1.58	48	<0.05	19.55	156	1.9
DD024706		0.009	0.11	1.23	24	0.08	10.95	100	1.5
DD024707		<0.005	0.30	0.57	10	<0.05	5.51	47	4.8
DD024708		0.008	0.47	2.40	173	0.15	17.45	244	2.3
DD024709		<0.005	0.11	2.72	21	<0.05	17.10	100	4.2
DD024710		<0.005	0.10	1.95	19	<0.05	17.40	98	3.5
DD024711		0.005	0.15	1.72	29	0.05	14.65	132	3.4
DD024712		0.009	0.91	1.86	164	0.17	10.70	455	1.8
DD024713		0.010	1.12	4.34	223	0.22	21.6	459	0.6
DD024714		0.007	0.97	3.14	188	0.16	16.70	507	1.0
DD024715		0.012	0.73	1.77	129	0.17	10.70	365	1.7
DD024716		0.009	0.76	2.35	188	0.13	9.64	413	1.8
DD024717		0.010	0.50	1.63	91	0.13	10.05	279	1.6
DD024718		0.005	0.44	1.76	85	0.06	15.80	251	1.3
DD024719		<0.005	0.57	3.11	95	0.05	15.50	422	1.8
DD024720		<0.005	0.35	3.72	137	0.07	19.35	403	2.1

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128447

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)

Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

CERTIFICATE WH13128448

Project: Nadaleen

P.O. No.: SO13-07

This report is for 245 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD024722		0.37	0.007	1.13	0.51	14.4	<0.2	<10	1220	0.48	0.19	0.83	3.14	18.20	8.9	15
DD024723		0.40	0.006	0.61	1.08	15.4	<0.2	<10	710	0.68	0.22	0.17	1.68	27.2	8.6	20
DD024724		0.39	0.008	0.37	1.63	63.7	<0.2	<10	500	0.89	0.26	0.17	1.26	29.2	15.9	24
DD024725		0.43	0.008	0.66	1.36	42.5	<0.2	<10	230	0.71	0.22	0.13	0.92	21.7	11.5	28
DD024726		0.28	0.009	2.06	0.73	19.8	<0.2	<10	1490	0.66	0.17	0.89	3.23	14.10	5.1	27
DD024727		0.40	0.007	0.84	1.52	68.0	<0.2	<10	350	0.82	0.28	0.11	1.26	23.2	13.9	30
DD024728		0.46	0.005	0.33	1.71	39.5	<0.2	<10	210	0.55	0.30	0.10	0.54	25.4	10.6	30
DD024729		0.37	0.004	0.40	1.73	96.1	<0.2	<10	160	0.75	0.28	0.06	1.64	29.2	15.9	27
DD024730		0.32	0.005	0.49	1.29	22.8	<0.2	<10	250	0.60	0.27	0.08	0.90	20.7	11.0	25
ZZ77925		0.29	0.006	3.46	0.54	27.8	<0.2	<10	1510	0.56	0.19	0.34	1.67	6.04	6.2	28
ZZ77926		0.41	0.007	3.84	0.55	37.4	<0.2	<10	910	0.69	0.27	0.38	1.76	7.17	15.6	25
ZZ77927		0.27	0.005	0.72	1.16	18.7	<0.2	<10	350	0.56	0.26	0.04	0.69	12.40	8.4	25
ZZ77928		0.17	0.006	2.20	0.43	30.0	<0.2	<10	1520	0.51	0.18	1.02	0.89	5.46	4.9	30
ZZ77929		0.28	0.006	1.86	0.51	28.1	<0.2	10	1420	0.71	0.19	1.25	1.27	5.72	5.1	27
ZZ77930		0.37	0.006	1.21	0.55	24.1	<0.2	<10	1590	0.65	0.20	0.76	0.92	6.91	5.8	41
ZZ77931		0.27	0.008	1.87	0.50	30.3	<0.2	10	920	0.64	0.22	1.07	0.89	7.10	7.1	19
ZZ77932		0.29	0.004	1.90	0.39	35.1	<0.2	<10	600	0.52	0.23	0.70	0.75	8.45	4.5	23
ZZ77933		0.32	0.006	1.64	0.43	38.0	<0.2	10	990	0.53	0.17	2.34	0.81	7.82	5.8	19
ZZ77934		0.33	0.008	4.05	0.55	53.6	<0.2	10	1100	0.61	0.19	1.95	1.39	8.80	5.0	28
ZZ77935		0.37	0.006	1.47	0.58	19.2	<0.2	<10	1030	0.55	0.18	0.71	0.97	9.48	5.8	21
ZZ77936		0.37	0.006	1.31	0.74	18.8	<0.2	<10	1240	0.55	0.19	0.60	1.04	14.80	8.0	24
ZZ77937		0.32	0.005	1.09	0.78	14.9	<0.2	10	1500	0.79	0.21	0.31	0.62	7.53	5.8	21
ZZ77938		0.35	0.004	1.07	1.15	18.5	<0.2	<10	1250	0.79	0.22	0.61	0.92	13.70	6.3	29
ZZ77939		0.35	0.006	1.83	0.78	25.9	<0.2	10	1030	0.86	0.24	0.80	0.77	6.87	9.3	21
ZZ77940		0.28	0.006	1.29	0.69	25.3	<0.2	10	1120	0.83	0.18	1.52	1.29	8.18	7.7	32
ZZ77941		0.25	0.004	0.90	1.06	16.1	<0.2	10	770	0.68	0.21	1.73	0.88	7.93	6.3	26
ZZ77942		0.27	0.006	1.91	0.68	22.8	<0.2	10	1080	0.65	0.18	0.85	0.92	5.16	5.3	23
ZZ77943		0.34	0.009	2.89	0.83	27.8	<0.2	10	2230	1.04	0.19	0.54	1.15	4.87	7.1	62
ZZ77944		0.37	0.004	4.11	0.51	21.1	<0.2	10	480	0.65	0.20	0.20	0.60	7.01	3.1	22
ZZ77945		0.35	0.004	1.39	0.53	25.9	<0.2	10	2270	0.72	0.19	0.35	1.98	7.07	9.5	27
ZZ77946		0.32	0.008	1.56	0.42	15.3	<0.2	10	870	0.63	0.19	0.27	0.75	4.11	7.2	18
ZZ77947		0.34	0.004	1.18	0.98	22.7	<0.2	<10	2640	0.69	0.24	0.58	0.43	10.60	5.9	27
ZZ77948		0.34	0.003	1.90	0.50	29.4	<0.2	10	960	0.49	0.22	0.18	0.52	4.01	4.8	30
ZZ77949		0.36	0.010	3.32	0.71	22.1	<0.2	10	1550	0.65	0.21	1.03	0.82	7.88	5.5	26
ZZ77950		0.16	0.004	0.78	0.98	13.8	<0.2	10	870	0.72	0.23	2.44	0.90	7.81	9.2	21
ZZ77951		0.19	0.004	0.49	0.89	17.8	<0.2	10	640	0.71	0.21	2.55	1.21	6.88	8.9	13
ZZ77952		0.23	0.005	1.59	0.75	21.0	<0.2	10	790	0.70	0.22	1.16	0.68	5.54	7.3	19
ZZ77953		0.40	0.006	1.69	0.57	16.0	<0.2	10	1360	0.73	0.20	0.98	0.48	3.63	6.4	18
ZZ77954		0.23	0.004	0.80	1.24	17.4	<0.2	10	740	0.72	0.22	1.00	0.78	12.15	6.1	38
ZZ77955		0.32	0.003	0.70	1.28	10.1	<0.2	<10	1040	0.67	0.23	0.57	0.37	13.50	7.2	42

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024722		0.77	69.6	2.23	1.62	0.10	0.07	0.18	0.038	0.11	9.4	3.3	0.08	257	6.35	<0.01
DD024723		1.13	51.3	2.67	3.14	0.09	0.07	0.08	0.043	0.09	11.6	9.8	0.18	196	5.82	<0.01
DD024724		2.17	61.3	3.72	4.37	0.10	0.06	0.12	0.048	0.10	12.0	17.2	0.35	485	7.26	<0.01
DD024725		2.24	50.4	3.41	3.99	0.11	0.06	0.14	0.045	0.09	10.4	12.7	0.26	336	7.43	<0.01
DD024726		1.14	61.0	2.24	2.27	0.10	0.09	0.26	0.043	0.11	8.7	5.5	0.12	162	7.06	<0.01
DD024727		2.59	63.0	3.89	4.69	0.11	0.04	0.22	0.050	0.12	11.3	12.3	0.30	461	9.41	<0.01
DD024728		2.33	32.2	3.39	5.99	0.09	0.02	0.10	0.042	0.09	11.9	15.1	0.39	370	5.00	<0.01
DD024729		2.92	42.1	3.98	5.48	0.09	0.02	0.24	0.048	0.10	10.4	10.8	0.28	1620	4.03	<0.01
DD024730		2.38	44.1	3.45	4.72	0.10	0.02	0.10	0.043	0.12	9.5	10.9	0.26	447	8.05	<0.01
ZZ77925		1.23	53.2	3.46	1.52	0.11	0.05	0.16	0.035	0.09	3.5	3.3	0.07	114	7.47	<0.01
ZZ77926		1.17	93.5	4.69	1.24	0.17	0.05	0.16	0.059	0.16	4.5	2.2	0.05	278	12.60	0.01
ZZ77927		1.21	36.7	3.50	3.21	0.10	0.06	0.10	0.047	0.11	6.6	6.4	0.09	220	7.03	<0.01
ZZ77928		0.52	52.4	2.92	1.25	0.11	0.11	0.21	0.035	0.07	3.4	2.2	0.06	100	7.18	<0.01
ZZ77929		0.66	68.7	2.66	1.51	0.09	0.10	0.22	0.038	0.08	3.4	1.8	0.03	82	8.03	<0.01
ZZ77930		0.81	69.7	3.11	1.91	0.11	0.08	0.19	0.038	0.06	4.5	1.6	0.04	141	15.05	<0.01
ZZ77931		1.09	67.8	2.60	1.55	0.10	0.08	0.24	0.044	0.10	5.4	1.8	0.05	119	6.11	<0.01
ZZ77932		0.70	47.1	3.30	1.59	0.11	0.06	0.09	0.051	0.17	6.1	1.2	0.03	102	9.41	0.01
ZZ77933		0.86	46.7	2.09	1.22	0.09	0.10	0.19	0.038	0.06	7.3	1.7	0.06	127	4.03	<0.01
ZZ77934		1.05	56.0	2.41	1.58	0.11	0.12	0.25	0.038	0.08	9.2	2.1	0.06	81	5.08	<0.01
ZZ77935		0.68	48.4	2.44	1.78	0.09	0.08	0.16	0.034	0.09	8.0	4.2	0.12	291	5.10	<0.01
ZZ77936		0.97	44.3	2.61	2.31	0.10	0.08	0.11	0.033	0.09	9.1	6.8	0.18	315	4.92	<0.01
ZZ77937		1.31	46.4	2.48	2.02	<0.05	0.04	0.18	0.036	0.07	5.6	4.4	0.06	103	3.57	<0.01
ZZ77938		1.16	38.2	2.55	2.99	0.05	0.07	0.18	0.035	0.07	12.1	7.9	0.18	189	2.98	0.01
ZZ77939		0.82	54.7	3.15	2.00	0.05	0.05	0.18	0.045	0.13	5.7	8.9	0.10	161	5.21	0.01
ZZ77940		0.49	52.2	3.64	1.78	0.06	0.04	0.13	0.037	0.09	4.4	3.9	0.09	265	5.45	0.01
ZZ77941		0.61	30.8	2.70	2.65	<0.05	0.07	0.10	0.035	0.08	8.6	6.6	0.13	275	2.92	0.01
ZZ77942		0.69	53.7	2.64	1.68	<0.05	0.05	0.15	0.034	0.09	3.4	4.1	0.08	118	5.15	0.01
ZZ77943		0.54	55.3	3.69	1.68	0.05	0.04	0.21	0.037	0.07	3.4	4.1	0.10	342	6.23	<0.01
ZZ77944		0.90	42.6	2.87	1.35	0.06	<0.02	0.06	0.031	0.14	4.3	3.9	0.03	69	5.96	0.01
ZZ77945		1.05	46.0	3.93	1.42	0.06	0.03	0.09	0.035	0.08	3.7	2.2	0.06	328	5.38	<0.01
ZZ77946		0.95	63.8	2.67	1.20	<0.05	<0.02	0.16	0.037	0.08	2.3	2.1	0.03	116	7.23	<0.01
ZZ77947		0.93	35.1	3.34	2.85	<0.05	0.03	0.13	0.033	0.07	5.6	4.8	0.14	191	3.83	<0.01
ZZ77948		1.15	45.1	3.59	1.84	<0.05	<0.02	0.07	0.030	0.09	2.1	1.3	0.03	62	6.49	0.01
ZZ77949		0.75	60.2	2.72	1.59	0.05	0.05	0.28	0.037	0.08	5.7	2.3	0.06	86	4.82	<0.01
ZZ77950		0.96	38.9	2.71	2.38	0.05	0.05	0.16	0.038	0.11	9.1	10.2	0.16	276	2.26	0.01
ZZ77951		0.28	30.6	2.62	1.79	<0.05	0.06	0.17	0.031	0.08	8.2	3.3	0.08	345	2.37	0.01
ZZ77952		0.72	44.9	2.87	1.84	<0.05	0.08	0.15	0.034	0.11	4.7	6.7	0.10	105	4.02	0.01
ZZ77953		0.88	52.3	2.74	1.39	<0.05	0.06	0.21	0.037	0.09	2.9	3.5	0.13	103	5.30	<0.01
ZZ77954		1.52	29.6	2.29	2.99	0.05	0.08	0.34	0.034	0.09	14.1	7.3	0.16	160	2.59	0.01
ZZ77955		1.43	23.7	2.55	3.20	<0.05	0.05	0.20	0.034	0.09	9.5	10.3	0.20	245	1.46	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024722	0.18	77.4	1800	13.4	8.1	0.006	0.09	3.05	3.7	4.7	0.4	57.4	0.01	0.10	2.5
DD024723	0.30	54.4	1590	14.4	11.7	0.002	0.05	2.68	2.8	2.6	0.5	24.7	0.01	0.08	1.9
DD024724	0.42	67.7	1310	30.1	15.1	0.001	0.04	3.53	4.7	2.4	0.5	26.2	<0.01	0.08	4.5
DD024725	0.59	52.4	1270	17.2	12.6	0.001	0.07	2.71	3.9	2.6	0.5	32.0	<0.01	0.08	3.3
DD024726	0.18	62.8	2120	10.9	9.3	0.013	0.11	2.26	4.2	3.7	0.5	85.0	0.01	0.08	1.3
DD024727	0.56	56.9	1690	24.9	15.6	0.001	0.11	3.51	3.7	3.4	0.6	37.3	<0.01	0.10	1.8
DD024728	0.57	32.8	1280	20.9	14.3	0.001	0.07	1.95	2.2	2.0	0.6	21.0	<0.01	0.07	0.8
DD024729	0.35	32.4	1580	24.1	16.6	<0.001	0.07	1.82	1.5	1.4	0.6	12.8	0.01	0.09	0.4
DD024730	0.45	37.7	1390	17.7	16.1	0.001	0.12	3.26	2.1	2.6	0.6	28.8	<0.01	0.10	0.8
ZZ77925	0.15	113.0	1490	11.4	9.0	0.001	0.18	2.10	5.6	5.9	0.4	117.0	0.01	0.12	0.9
ZZ77926	0.09	175.5	2500	17.7	10.6	0.002	0.41	3.28	8.0	11.5	0.4	173.0	0.01	0.39	3.0
ZZ77927	0.37	56.9	980	31.7	13.0	0.001	0.13	1.90	3.4	4.1	0.5	43.3	<0.01	0.12	2.1
ZZ77928	0.09	87.9	1230	10.7	5.8	0.002	0.18	1.93	5.5	6.3	0.4	158.0	0.01	0.09	1.2
ZZ77929	0.09	86.7	1550	12.8	6.4	0.005	0.11	2.07	6.1	5.5	0.4	147.0	0.01	0.10	1.3
ZZ77930	0.11	99.1	1750	12.3	7.2	0.004	0.05	1.75	4.6	7.1	0.5	97.6	0.01	0.10	0.6
ZZ77931	0.11	82.6	1340	13.2	8.5	0.003	0.13	1.56	5.3	4.6	0.4	102.5	0.01	0.14	1.1
ZZ77932	0.14	56.8	2330	13.9	11.4	0.004	0.41	1.80	3.9	6.6	0.5	91.8	0.01	0.25	1.3
ZZ77933	0.13	61.1	1530	12.0	6.2	0.002	0.16	1.65	2.7	4.6	0.3	68.2	0.01	0.13	1.1
ZZ77934	0.16	83.9	2220	12.8	8.0	0.003	0.18	2.06	3.8	8.8	0.4	64.7	0.01	0.28	1.2
ZZ77935	0.22	81.1	1360	10.6	6.6	0.003	0.07	1.39	5.5	3.9	0.4	66.6	0.01	0.10	1.6
ZZ77936	0.36	69.9	1400	12.3	7.9	0.002	0.10	1.47	5.3	3.8	0.4	81.1	0.01	0.08	2.0
ZZ77937	0.11	61.3	1150	12.3	10.6	0.002	0.05	1.05	3.9	2.9	0.4	30.3	<0.01	0.10	0.6
ZZ77938	0.25	61.7	1010	12.4	10.2	0.001	0.05	0.86	4.6	3.3	0.4	35.1	<0.01	0.08	1.4
ZZ77939	0.06	83.0	1180	14.9	8.1	0.003	0.18	1.13	4.7	5.6	0.4	65.1	<0.01	0.12	1.6
ZZ77940	0.14	95.1	1930	11.8	6.2	0.001	0.26	1.75	4.2	5.9	0.4	155.5	<0.01	0.11	0.4
ZZ77941	0.19	46.3	1670	12.7	8.4	0.003	0.13	0.90	2.4	4.2	0.4	34.3	<0.01	0.12	0.7
ZZ77942	0.12	78.2	1350	10.3	7.0	0.003	0.20	1.41	4.8	8.3	0.3	96.6	<0.01	0.13	1.0
ZZ77943	0.05	122.5	1760	11.5	6.4	0.003	0.07	1.91	6.0	6.7	0.4	99.2	<0.01	0.13	0.8
ZZ77944	0.05	48.9	940	15.2	10.7	0.001	0.49	1.33	3.6	7.4	0.3	132.0	<0.01	0.11	1.2
ZZ77945	0.09	117.5	1650	12.6	8.1	0.002	0.12	2.14	4.1	5.3	0.3	83.5	<0.01	0.11	0.6
ZZ77946	0.05	94.5	990	11.3	6.5	0.003	0.09	1.37	4.7	5.3	0.3	59.0	<0.01	0.10	0.5
ZZ77947	0.27	63.1	1430	13.0	8.3	0.001	0.10	1.30	3.3	3.5	0.4	65.5	<0.01	0.09	0.6
ZZ77948	0.08	84.4	1930	12.2	8.4	0.001	0.19	1.72	2.2	5.3	0.4	71.3	<0.01	0.15	0.2
ZZ77949	0.08	80.6	1790	10.0	6.9	0.005	0.09	1.37	4.4	5.8	0.4	56.2	<0.01	0.14	1.2
ZZ77950	0.13	45.3	1600	14.0	9.4	0.003	0.27	0.73	1.8	4.9	0.4	48.6	<0.01	0.10	0.5
ZZ77951	0.13	46.2	1440	12.6	5.3	0.001	0.22	0.76	1.6	3.2	0.3	27.1	<0.01	0.09	0.4
ZZ77952	0.07	67.1	1240	12.8	7.2	0.005	0.14	1.08	3.4	5.7	0.4	47.4	<0.01	0.11	1.0
ZZ77953	0.05	79.1	1040	11.0	7.6	0.003	0.17	1.10	4.7	5.4	0.4	74.1	<0.01	0.09	0.9
ZZ77954	0.23	45.0	1520	13.3	12.8	0.001	0.09	0.83	3.4	2.8	0.4	25.5	<0.01	0.06	0.9
ZZ77955	0.27	33.1	1410	11.6	13.9	0.001	0.08	0.74	2.6	1.9	0.4	22.4	<0.01	0.08	0.8

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD024722		<0.005	0.40	3.64	58	0.09	26.1	399	1.7
DD024723		0.007	0.40	2.85	76	0.14	19.65	369	1.1
DD024724		0.007	0.62	1.83	87	0.13	13.25	362	1.5
DD024725		0.011	0.59	2.07	91	0.20	10.05	240	1.4
DD024726		<0.005	0.40	4.80	78	0.10	29.2	282	2.2
DD024727		0.014	0.88	2.83	97	0.22	11.75	281	0.7
DD024728		0.018	0.52	1.64	76	0.23	6.59	164	<0.5
DD024729		0.011	0.55	1.25	78	0.18	7.95	178	<0.5
DD024730		0.012	0.57	1.71	108	0.16	6.69	211	<0.5
ZZ77925		<0.005	0.23	2.58	64	0.10	26.7	383	0.9
ZZ77926		<0.005	0.48	7.25	80	0.07	40.6	502	0.9
ZZ77927		<0.005	0.31	1.56	71	0.07	9.16	205	1.9
ZZ77928		<0.005	0.20	2.57	71	0.06	31.5	261	4.1
ZZ77929		<0.005	0.17	3.84	63	0.06	35.4	280	3.6
ZZ77930		<0.005	0.14	6.00	79	0.08	29.2	352	2.0
ZZ77931		<0.005	0.25	2.41	39	0.06	30.9	251	1.7
ZZ77932		<0.005	0.40	4.31	61	0.06	17.80	224	1.5
ZZ77933		<0.005	0.21	2.72	35	0.08	30.5	205	3.1
ZZ77934		<0.005	0.35	2.56	63	0.09	36.8	268	3.9
ZZ77935		0.006	0.14	2.51	46	0.08	28.0	242	2.3
ZZ77936		0.012	0.17	2.30	51	0.14	24.8	202	2.3
ZZ77937		<0.005	0.16	1.76	45	0.05	22.7	199	1.0
ZZ77938		0.005	0.14	1.97	51	0.06	30.5	183	1.9
ZZ77939		<0.005	0.15	1.61	37	<0.05	26.3	242	1.7
ZZ77940		<0.005	0.23	2.76	82	<0.05	31.7	360	1.7
ZZ77941		<0.005	0.13	1.76	49	<0.05	21.3	193	1.7
ZZ77942		<0.005	0.13	4.73	53	<0.05	27.8	235	2.0
ZZ77943		<0.005	0.13	2.22	159	0.05	40.8	315	1.1
ZZ77944		<0.005	0.17	1.73	41	<0.05	23.9	132	0.7
ZZ77945		<0.005	0.26	2.26	116	<0.05	30.5	367	1.2
ZZ77946		<0.005	0.16	3.22	41	<0.05	25.3	264	<0.5
ZZ77947		0.008	0.20	1.82	91	0.11	22.0	175	0.9
ZZ77948		<0.005	0.26	1.61	78	<0.05	16.45	239	<0.5
ZZ77949		<0.005	0.19	3.01	48	<0.05	28.6	255	1.5
ZZ77950		<0.005	0.18	2.32	32	<0.05	25.8	144	1.8
ZZ77951		<0.005	0.09	1.11	29	<0.05	21.7	159	2.0
ZZ77952		<0.005	0.14	2.06	34	<0.05	22.7	218	2.3
ZZ77953		<0.005	0.17	1.63	38	<0.05	23.1	243	1.9
ZZ77954		<0.005	0.16	2.62	51	0.05	34.1	174	1.9
ZZ77955		0.007	0.11	1.96	55	0.07	21.5	128	1.2

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method / Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77956	0.18	0.003	0.62	0.54	7.6	<0.2	10	760	0.46	0.23	0.75	0.65	5.24	6.5	36
ZZ77957	0.19	0.003	1.59	1.48	7.3	<0.2	10	1530	0.59	0.22	1.02	0.89	8.07	4.4	45
ZZ77958	0.25	0.004	0.70	1.03	11.3	<0.2	<10	510	0.65	0.21	0.61	0.76	15.05	9.1	29
ZZ77959	0.28	0.004	1.91	0.83	8.9	<0.2	<10	600	0.52	0.21	0.50	3.22	10.15	11.5	30
ZZ77960	0.10	<0.001	0.32	0.38	1.8	<0.2	10	820	0.19	0.08	2.69	1.05	3.25	2.0	12
ZZ77961	0.31	0.004	2.45	0.48	8.5	<0.2	10	940	0.55	0.34	0.55	0.42	6.28	9.0	69
ZZ77962	0.28	0.003	0.88	1.01	15.4	<0.2	10	740	0.72	0.19	1.51	0.90	8.72	6.1	38
ZZ77963	0.36	0.005	1.64	0.67	24.4	<0.2	10	1050	0.70	0.23	0.94	0.68	6.07	8.6	23
ZZ77964	0.28	0.005	0.83	0.68	29.7	<0.2	10	530	0.63	0.28	2.13	0.96	10.15	11.7	22
ZZ77965	0.36	0.006	1.01	0.59	20.7	<0.2	10	660	0.62	0.22	1.39	1.14	7.04	7.5	17
ZZ77966	0.38	0.006	1.63	0.80	25.6	<0.2	10	350	0.63	0.36	5.56	2.56	17.90	10.8	28
ZZ77967	0.30	0.006	2.31	0.68	17.0	<0.2	10	1520	0.62	0.19	1.50	0.55	7.19	4.8	21
ZZ77968	0.37	0.005	2.13	0.57	70.0	<0.2	10	610	0.99	0.18	0.88	1.36	5.49	7.3	43
ZZ77969	0.56	0.002	0.42	1.54	14.4	<0.2	10	180	1.11	0.17	0.64	1.53	83.1	26.4	51
ZZ77970	0.40	0.002	0.45	1.60	13.1	<0.2	<10	130	0.74	0.22	0.43	1.56	47.4	19.4	48
ZZ77971	0.13	0.014	0.79	1.02	7.7	<0.2	10	230	0.58	0.13	2.70	0.66	12.25	8.3	16
ZZ77972	0.35	0.004	0.58	1.91	15.1	<0.2	<10	190	1.43	0.36	0.64	0.96	25.9	26.4	30
ZZ77973	0.44	0.002	0.09	2.01	13.8	<0.2	<10	210	1.34	0.35	0.13	0.46	26.8	21.5	31
ZZ77974	0.51	0.003	0.48	1.44	13.8	<0.2	<10	240	0.95	0.27	0.50	1.54	35.9	17.3	28
ZZ77975	0.17	0.005	0.52	1.15	8.5	<0.2	<10	730	0.86	0.23	0.92	1.40	13.35	7.0	24
ZZ77976	0.39	0.001	0.10	0.99	11.9	<0.2	<10	170	0.38	0.30	0.19	0.08	5.13	5.7	20
ZZ77977	0.38	0.002	0.05	1.12	10.2	<0.2	<10	190	0.42	0.30	0.15	0.25	6.89	6.1	20
ZZ77978	0.27	0.004	0.13	1.21	10.9	<0.2	<10	510	0.59	0.25	0.71	0.38	9.74	9.1	22
ZZ77979	0.23	0.004	0.13	1.35	9.3	<0.2	<10	600	0.81	0.24	0.74	0.34	13.50	8.4	22
ZZ77980	0.30	0.004	0.25	1.13	11.9	<0.2	<10	410	0.70	0.26	1.43	0.98	12.35	9.5	21
ZZ77981	0.26	0.003	0.37	1.17	14.2	<0.2	<10	430	0.74	0.24	1.10	0.55	11.45	8.5	22
ZZ77982	0.16	0.002	0.11	0.20	9.5	<0.2	30	560	0.15	0.04	4.90	8.35	3.26	4.6	6
ZZ77983	0.27	0.002	0.16	1.22	12.0	<0.2	<10	380	0.61	0.24	0.83	0.40	14.85	6.8	22
ZZ77984	0.27	0.002	0.17	1.21	15.7	<0.2	<10	320	0.48	0.26	0.59	2.45	20.9	9.2	27
ZZ77985	0.29	0.003	0.37	1.76	15.1	<0.2	<10	390	0.77	0.26	0.62	1.50	34.9	10.3	36
ZZ77986	0.50	0.004	0.69	0.83	17.7	<0.2	<10	430	0.51	0.19	5.94	1.25	18.00	8.6	20
ZZ77987	0.24	0.003	0.40	1.07	11.8	<0.2	<10	400	0.57	0.19	3.59	1.27	18.45	8.1	22
ZZ77988	0.23	0.004	0.38	1.24	12.4	<0.2	<10	390	0.62	0.21	1.70	1.74	24.9	7.2	29
ZZ77989	0.14	0.033	0.17	0.57	5.8	<0.2	10	440	0.36	0.14	6.18	4.86	16.20	6.5	12
ZZ77990	0.11	0.001	0.11	0.65	5.5	<0.2	<10	210	0.32	0.11	3.99	2.65	10.30	4.4	10
ZZ77991	0.17	0.008	0.16	1.01	40.4	<0.2	10	520	0.72	0.20	3.67	2.23	11.95	18.0	20
ZZ77992	0.41	0.004	0.16	1.09	56	<0.2	<10	340	1.01	0.22	11.55	2.05	18.30	26.7	24
ZZ77993	0.33	0.002	0.19	1.34	21.3	<0.2	10	340	0.95	0.25	1.64	2.71	15.70	10.0	34
ZZ77994	0.43	0.005	0.23	1.02	11.8	<0.2	<10	280	0.55	0.24	8.72	3.47	28.8	11.4	22
ZZ77995	0.35	0.004	0.33	0.80	17.1	<0.2	<10	280	0.43	0.16	3.36	1.78	21.2	6.7	25

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ77956		0.59	24.4	2.56	1.41	<0.05	0.06	0.21	0.032	0.12	3.7	3.0	0.06	82	1.24	0.01
ZZ77957		1.42	22.5	2.25	3.81	<0.05	0.10	0.23	0.037	0.12	7.3	7.0	0.12	179	2.21	<0.01
ZZ77958		0.62	28.2	2.90	2.52	0.05	0.05	0.20	0.032	0.15	11.2	8.6	0.21	260	2.00	0.01
ZZ77959		0.96	25.5	2.40	2.08	<0.05	0.04	0.23	0.031	0.11	8.1	5.2	0.11	1400	1.44	0.01
ZZ77960		0.63	8.6	0.61	0.96	<0.05	0.05	0.17	0.010	0.05	3.1	1.5	0.04	215	0.69	0.01
ZZ77961		2.38	35.3	2.92	1.27	<0.05	0.03	0.32	0.046	0.13	3.9	3.9	0.05	61	0.79	0.01
ZZ77962		0.91	30.4	2.15	2.45	0.05	0.08	0.39	0.035	0.11	12.1	5.9	0.11	145	3.11	0.01
ZZ77963		0.92	56.8	2.84	1.80	0.05	0.05	0.25	0.038	0.12	7.2	5.0	0.07	112	8.21	0.01
ZZ77964		0.97	51.9	3.49	2.14	0.06	0.04	0.18	0.048	0.15	10.8	8.4	0.56	149	12.35	0.01
ZZ77965		1.08	51.7	2.94	1.62	0.06	0.05	0.19	0.037	0.12	8.3	6.6	0.12	210	4.59	0.01
ZZ77966		0.90	46.1	2.67	2.03	0.10	0.10	0.20	0.046	0.11	24.9	5.5	0.17	467	3.93	0.01
ZZ77967		0.64	42.6	2.17	1.53	<0.05	0.06	0.21	0.030	0.06	4.6	1.8	0.06	169	3.64	<0.01
ZZ77968		0.99	53.0	6.95	1.28	0.08	0.03	0.25	0.039	0.13	3.5	2.0	0.10	206	8.44	0.01
ZZ77969		2.14	50.3	5.83	5.59	0.12	0.03	0.07	0.052	0.14	33.8	22.1	0.58	1220	6.11	0.01
ZZ77970		2.52	37.5	4.21	5.80	0.07	<0.02	0.05	0.043	0.12	17.4	19.1	0.48	879	4.48	0.01
ZZ77971		0.97	32.4	1.79	2.65	<0.05	0.15	0.13	0.027	0.13	7.0	8.7	0.42	104	4.99	0.01
ZZ77972		2.00	46.6	4.50	4.97	0.08	0.07	0.08	0.047	0.16	10.3	36.9	0.62	1480	4.03	0.01
ZZ77973		1.62	33.7	4.16	6.11	0.10	0.08	0.02	0.048	0.11	9.1	37.2	0.55	639	2.97	<0.01
ZZ77974		1.34	48.4	3.72	4.70	0.13	0.08	0.09	0.046	0.11	16.8	23.3	0.40	456	4.90	<0.01
ZZ77975		1.39	42.7	3.56	3.07	0.10	0.13	0.34	0.039	0.08	10.0	13.2	0.19	250	2.05	<0.01
ZZ77976		1.69	26.6	2.85	4.68	0.05	0.02	0.02	0.031	0.12	2.2	7.7	0.17	105	2.07	0.01
ZZ77977		1.51	23.1	3.09	5.12	0.06	0.02	0.02	0.030	0.12	2.9	9.3	0.21	107	1.79	<0.01
ZZ77978		0.59	27.5	3.06	4.23	0.07	0.06	0.05	0.035	0.11	4.5	15.8	0.29	204	1.77	<0.01
ZZ77979		0.99	20.7	2.81	4.26	0.07	0.09	0.06	0.035	0.08	8.1	19.5	0.21	241	1.69	<0.01
ZZ77980		0.79	31.1	3.04	3.73	0.09	0.09	0.09	0.036	0.13	9.2	20.8	0.25	305	1.84	0.01
ZZ77981		0.97	28.2	2.83	3.53	0.08	0.10	0.15	0.035	0.09	9.5	19.4	0.23	236	1.70	<0.01
ZZ77982		0.26	34.0	1.75	0.80	0.11	0.06	0.20	<0.005	0.03	3.1	2.1	0.09	629	0.97	<0.01
ZZ77983		0.74	17.1	2.52	4.14	0.07	0.06	0.05	0.030	0.09	11.4	10.5	0.19	307	1.71	<0.01
ZZ77984		0.77	19.8	2.97	4.50	0.09	0.03	0.05	0.031	0.09	12.7	12.0	0.21	530	2.64	<0.01
ZZ77985		1.33	20.4	2.89	5.01	0.12	0.07	0.10	0.034	0.06	28.8	11.6	0.31	547	2.35	<0.01
ZZ77986		0.77	32.3	2.22	2.54	0.09	0.07	0.15	0.025	0.09	15.1	7.2	0.21	283	2.57	<0.01
ZZ77987		0.85	24.2	2.28	3.11	0.08	0.05	0.15	0.025	0.07	15.8	9.2	0.24	333	1.78	0.01
ZZ77988		0.89	18.7	2.37	3.44	0.10	0.06	0.12	0.026	0.06	25.2	9.0	0.28	397	1.76	<0.01
ZZ77989		0.41	17.2	1.16	1.57	0.10	0.06	0.24	0.016	0.04	32.1	2.2	0.11	1200	0.78	<0.01
ZZ77990		0.41	14.3	0.94	1.66	0.05	0.05	0.15	0.011	0.03	12.5	2.1	0.06	453	0.78	<0.01
ZZ77991		1.04	55.4	2.45	3.13	0.10	0.09	0.36	0.027	0.07	18.7	7.2	0.14	1030	1.62	<0.01
ZZ77992		1.37	76.6	3.66	3.93	0.14	0.13	0.25	0.032	0.12	20.5	13.0	0.26	1320	2.26	<0.01
ZZ77993		1.32	46.4	2.52	3.97	0.11	0.13	0.18	0.038	0.09	23.1	8.1	0.20	236	1.04	<0.01
ZZ77994		0.65	24.1	2.40	3.06	0.13	0.10	0.06	0.026	0.09	34.0	9.9	0.33	898	1.48	0.01
ZZ77995		0.60	19.0	1.64	2.23	0.09	0.05	0.13	0.021	0.04	24.0	5.4	0.16	533	2.26	<0.01

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77956		0.12	33.3	1450	12.2	7.0	0.001	0.13	0.96	2.6	2.5	0.3	22.5	<0.01	0.14	0.9
ZZ77957		0.29	35.0	3080	11.5	13.4	0.001	0.20	0.66	2.9	1.8	0.5	37.2	<0.01	0.07	0.8
ZZ77958		0.29	45.1	1150	11.6	8.6	<0.001	0.09	0.86	3.7	2.1	0.4	27.5	<0.01	0.08	1.5
ZZ77959		0.16	34.0	1790	12.6	12.4	0.002	0.15	1.00	1.6	2.4	0.3	27.9	<0.01	0.10	0.4
ZZ77960		0.16	9.3	1770	3.7	2.7	0.002	0.30	0.39	0.8	1.2	<0.2	40.1	<0.01	0.02	0.2
ZZ77961		0.05	45.0	830	14.7	13.2	0.005	0.07	1.34	5.2	3.4	0.3	22.7	<0.01	0.25	2.8
ZZ77962		0.17	46.9	1570	12.0	11.2	0.001	0.14	0.86	2.9	3.2	0.4	30.5	<0.01	0.07	0.7
ZZ77963		0.08	104.0	1110	15.2	8.9	0.005	0.23	1.37	4.7	7.1	0.5	66.1	<0.01	0.09	1.1
ZZ77964		0.09	94.8	980	18.3	9.8	0.004	0.22	1.09	4.8	5.9	0.5	47.5	<0.01	0.09	2.0
ZZ77965		0.07	75.7	1570	13.6	7.6	0.002	0.19	1.37	4.5	4.0	0.4	76.6	<0.01	0.14	1.2
ZZ77966		0.20	65.1	2160	22.3	8.8	0.002	0.11	1.48	3.7	5.7	0.5	73.1	<0.01	0.34	1.4
ZZ77967		0.12	54.4	1550	8.7	6.5	0.005	0.14	1.28	3.2	5.3	0.3	71.2	<0.01	0.10	0.8
ZZ77968		0.06	115.5	4300	11.9	9.2	0.002	0.36	2.89	11.0	6.9	0.3	310	<0.01	0.18	1.7
ZZ77969		0.15	68.9	1960	20.8	10.0	0.001	0.03	2.66	7.0	2.9	0.6	31.2	<0.01	0.03	3.3
ZZ77970		0.28	49.5	1850	19.0	12.5	0.001	0.08	2.69	2.0	2.1	0.6	19.5	<0.01	0.04	0.4
ZZ77971		0.16	33.6	1190	8.8	9.7	0.001	0.15	3.11	2.5	2.4	0.3	59.7	<0.01	0.03	1.0
ZZ77972		0.13	60.0	1200	28.0	11.8	0.004	0.06	1.75	7.0	2.4	0.8	29.2	<0.01	0.06	4.5
ZZ77973		0.21	56.9	760	27.8	13.4	<0.001	0.03	1.15	5.6	1.1	0.7	17.4	<0.01	0.05	6.3
ZZ77974		0.24	56.5	1150	19.5	11.8	<0.001	0.03	2.11	6.6	1.8	0.6	27.1	0.01	0.05	5.7
ZZ77975		0.21	33.3	930	15.3	15.0	0.011	0.18	0.67	5.3	2.3	0.5	23.8	0.01	0.07	2.7
ZZ77976		0.14	16.7	690	17.3	15.5	<0.001	0.06	0.36	3.4	0.4	0.6	18.3	<0.01	0.06	2.5
ZZ77977		0.17	19.2	610	18.6	15.2	<0.001	0.05	0.44	2.7	0.5	0.6	14.0	<0.01	0.05	2.3
ZZ77978		0.27	34.9	800	15.5	10.6	<0.001	0.10	0.62	3.5	0.9	0.5	25.4	<0.01	0.06	2.0
ZZ77979		0.35	30.5	1400	14.0	15.7	0.001	0.09	0.55	3.1	1.8	0.5	24.4	0.01	0.06	1.6
ZZ77980		0.27	40.0	1470	17.8	13.7	0.002	0.16	0.69	3.5	2.7	0.5	33.8	0.01	0.07	2.0
ZZ77981		0.30	43.5	1040	14.4	13.8	0.003	0.09	0.59	3.5	2.3	0.5	25.4	0.01	0.06	1.8
ZZ77982		0.22	17.1	1530	2.2	2.5	0.046	0.61	0.92	0.6	15.4	<0.2	75.9	<0.01	0.05	0.3
ZZ77983		0.42	26.5	1660	13.8	12.3	<0.001	0.08	0.67	2.3	1.0	0.5	19.3	0.01	0.07	1.0
ZZ77984		0.54	34.1	990	17.4	18.5	<0.001	0.05	0.92	2.5	1.2	0.5	20.8	0.01	0.08	0.9
ZZ77985		0.77	37.5	1210	17.2	13.4	0.001	0.05	1.07	4.3	1.7	0.6	22.7	0.01	0.08	1.9
ZZ77986		0.37	49.2	1420	14.3	8.1	<0.001	0.05	1.23	3.1	2.3	0.4	57.3	0.01	0.10	1.4
ZZ77987		0.46	33.5	1330	12.7	10.2	<0.001	0.08	0.88	2.1	1.5	0.4	39.1	0.01	0.07	0.7
ZZ77988		0.51	28.3	1510	13.8	10.7	0.001	0.09	0.84	2.1	1.3	0.4	28.3	0.01	0.07	0.7
ZZ77989		0.23	18.6	2710	10.8	4.9	<0.001	0.25	0.49	0.7	2.0	0.2	44.3	0.01	0.14	0.2
ZZ77990		0.37	21.8	1830	7.0	3.3	<0.001	0.27	0.54	0.9	1.2	0.2	32.7	0.01	0.08	0.2
ZZ77991		0.50	128.5	1680	21.5	7.5	<0.001	0.19	2.16	1.7	1.8	0.4	33.5	0.01	0.23	0.4
ZZ77992		0.59	211	1410	27.1	10.6	<0.001	0.04	2.76	5.6	1.7	0.5	75.1	0.01	0.27	1.8
ZZ77993		0.41	139.0	1610	19.1	11.3	<0.001	0.09	1.70	3.2	1.6	0.6	25.1	0.02	0.25	0.9
ZZ77994		0.52	37.8	1730	17.4	8.1	<0.001	0.06	0.93	3.3	1.6	0.4	62.6	0.02	0.16	1.4
ZZ77995		0.35	36.2	1390	12.1	7.4	<0.001	0.16	1.01	1.0	2.2	0.4	40.8	0.01	0.07	0.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77956		<0.005	0.06	1.57	46	<0.05	11.45	158	1.3
ZZ77957		<0.005	0.19	2.39	64	0.05	18.80	149	1.8
ZZ77958		0.008	0.10	1.40	50	0.13	23.3	163	1.3
ZZ77959		<0.005	0.13	2.15	48	<0.05	23.0	169	0.7
ZZ77960		0.007	0.05	1.03	15	<0.05	7.78	35	1.4
ZZ77961		<0.005	0.08	1.71	54	<0.05	19.30	181	0.9
ZZ77962		<0.005	0.14	3.11	47	<0.05	32.0	182	1.8
ZZ77963		<0.005	0.19	1.84	35	<0.05	29.4	316	1.7
ZZ77964		<0.005	0.20	1.63	29	<0.05	24.3	282	1.5
ZZ77965		<0.005	0.17	1.33	33	<0.05	31.9	285	1.8
ZZ77966		0.006	0.23	2.65	47	0.06	62.0	338	2.7
ZZ77967		<0.005	0.17	2.25	41	<0.05	21.5	174	1.9
ZZ77968		<0.005	0.53	3.40	282	<0.05	53.1	295	2.1
ZZ77969		0.005	0.44	0.78	87	<0.05	18.80	229	0.8
ZZ77970		0.012	0.41	0.81	81	0.06	11.80	182	<0.5
ZZ77971		<0.005	0.54	1.96	49	<0.05	11.80	153	4.2
ZZ77972		<0.005	0.30	1.04	41	<0.05	17.65	187	2.7
ZZ77973		<0.005	0.22	0.82	37	<0.05	11.90	148	2.4
ZZ77974		<0.005	0.26	1.13	49	0.05	20.6	200	2.4
ZZ77975		<0.005	0.24	1.77	41	0.05	25.0	147	3.7
ZZ77976		<0.005	0.16	0.37	35	<0.05	3.47	69	0.5
ZZ77977		<0.005	0.15	0.40	35	<0.05	3.92	76	0.5
ZZ77978		<0.005	0.14	0.81	34	0.05	8.47	128	1.5
ZZ77979		<0.005	0.17	1.83	40	0.08	14.05	118	2.0
ZZ77980		<0.005	0.18	1.76	34	0.07	18.45	149	2.3
ZZ77981		<0.005	0.14	1.38	36	0.07	18.80	155	2.4
ZZ77982		<0.005	0.06	7.00	13	0.08	6.85	55	2.5
ZZ77983		0.008	0.13	2.11	42	0.11	15.95	111	1.3
ZZ77984		0.011	0.15	1.25	54	0.16	17.30	162	<0.5
ZZ77985		0.016	0.18	2.17	61	0.24	42.1	142	1.1
ZZ77986		0.011	0.14	1.69	38	0.15	29.9	175	1.8
ZZ77987		0.011	0.11	1.18	39	0.16	25.4	119	1.0
ZZ77988		0.013	0.10	1.38	45	0.15	36.3	151	0.9
ZZ77989		<0.005	0.08	1.75	21	0.11	57.2	208	0.6
ZZ77990		0.009	0.07	1.61	17	0.09	22.8	109	1.3
ZZ77991		0.005	0.23	1.56	43	0.17	44.7	503	2.5
ZZ77992		0.009	0.38	1.51	54	0.25	49.2	639	4.3
ZZ77993		0.005	0.20	1.62	53	0.15	62.5	493	2.9
ZZ77994		0.018	0.13	1.09	41	0.28	56.3	194	1.6
ZZ77995		0.007	0.10	0.98	38	0.14	48.5	174	0.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ77996	0.27	0.007	0.78	0.76	11.9	<0.2	10	500	0.56	0.17	4.85	1.27	12.25	6.1	30
ZZ77997	0.19	0.010	0.61	0.54	8.5	<0.2	10	450	0.38	0.14	3.28	1.07	9.67	4.6	17
ZZ77998	0.53	0.003	1.46	0.33	9.7	<0.2	<10	850	0.24	0.29	0.06	0.11	4.42	1.6	90
ZZ77999	0.38	0.004	0.63	0.52	22.9	<0.2	<10	450	0.43	0.15	1.96	1.22	12.85	6.4	33
ZZ78000	0.42	0.004	1.00	0.80	16.4	<0.2	10	440	0.62	0.21	1.96	1.80	16.80	8.5	39
ZZ34751	0.38	0.002	0.49	1.59	18.2	<0.2	<10	140	0.94	0.20	0.58	2.11	54.7	20.9	47
ZZ34752	0.42	0.003	0.51	1.56	16.2	<0.2	<10	170	0.94	0.22	0.65	1.65	46.7	17.4	41
ZZ34753	0.36	0.003	0.31	1.82	11.1	<0.2	<10	240	1.03	0.29	0.65	0.53	35.1	18.3	36
ZZ34754	0.53	0.003	0.36	1.54	14.6	<0.2	<10	130	0.89	0.25	0.48	0.82	49.9	18.2	33
ZZ34755	0.43	0.002	0.09	1.67	11.3	<0.2	<10	320	0.72	0.29	0.33	0.12	11.05	10.0	28
ZZ34756	0.35	0.004	0.13	1.23	12.5	<0.2	<10	430	0.50	0.30	0.49	0.18	9.36	6.4	22
ZZ34757	0.40	0.003	0.09	1.06	12.5	<0.2	<10	400	0.38	0.31	0.25	0.07	9.80	5.0	20
ZZ34758	0.40	0.003	0.29	1.38	12.0	<0.2	<10	650	0.87	0.28	1.24	0.60	13.35	13.4	25
ZZ34759	0.42	0.003	0.14	1.24	12.8	<0.2	<10	400	0.69	0.33	0.52	0.09	6.77	8.2	22
ZZ34760	0.48	0.005	0.63	0.88	10.9	<0.2	<10	1130	0.81	0.20	5.00	1.15	14.25	9.8	20
ZZ34761	0.40	0.003	0.07	1.61	15.8	<0.2	<10	300	1.08	0.27	0.36	0.25	10.60	16.3	26
ZZ34762	0.33	0.004	0.06	1.62	14.9	<0.2	<10	330	1.44	0.27	0.20	0.50	24.6	26.0	27
ZZ34763	0.40	0.002	0.08	1.83	14.0	<0.2	<10	260	1.27	0.32	0.18	0.59	14.95	22.2	31
ZZ34764	0.41	0.004	0.22	1.82	13.9	<0.2	<10	630	1.39	0.32	0.53	0.32	13.15	16.9	32
ZZ34765	0.46	0.002	0.07	1.88	10.6	<0.2	<10	430	1.35	0.32	0.51	0.30	13.80	14.8	32
ZZ34766	0.44	0.003	0.50	1.07	11.3	<0.2	<10	350	0.79	0.20	2.31	0.78	12.45	9.3	25
ZZ34767	0.38	0.002	0.38	1.01	16.1	<0.2	10	550	0.71	0.20	1.59	1.55	12.10	7.4	21
ZZ34768	0.43	0.003	1.33	0.66	104.5	<0.2	10	770	0.73	0.24	1.51	1.03	11.05	8.8	20
ZZ34769	0.46	0.003	0.74	0.86	37.0	<0.2	10	610	0.69	0.21	3.18	1.54	17.90	8.8	24
ZZ34770	0.38	0.003	0.56	1.09	20.2	<0.2	10	660	0.92	0.24	3.41	1.29	20.5	9.3	20
ZZ34771	0.39	0.002	0.25	0.47	2.6	<0.2	10	440	0.33	0.28	0.41	0.11	3.78	5.7	11
ZZ34772	0.24	0.004	0.61	1.33	11.0	<0.2	10	1350	0.78	0.21	3.98	2.64	16.65	7.4	28
ZZ34773	0.39	0.006	2.11	1.12	17.1	<0.2	<10	1570	0.88	0.25	1.34	0.89	14.40	5.2	38
ZZ34774	0.40	0.005	0.41	0.96	69.3	<0.2	10	600	1.07	0.27	5.00	1.11	16.60	12.0	42
ZZ34775	0.40	0.001	0.07	1.69	108.5	<0.2	30	790	1.41	0.36	6.40	1.10	25.8	17.7	62
ZZ34776	0.50	0.004	0.16	0.71	9	<0.2	<10	290	0.44	0.15	15.55	1.58	14.85	8.7	16
ZZ34777	0.35	0.004	0.30	1.09	18.0	<0.2	<10	320	0.66	0.28	5.33	2.16	23.0	11.3	23
ZZ34778	0.35	0.004	0.23	0.87	9	<0.2	<10	280	0.54	0.22	12.00	2.09	17.95	8.9	18
ZZ34779	0.40	0.004	0.13	0.71	41.9	<0.2	10	1330	0.93	0.69	1.18	3.17	13.85	20.4	41
ZZ34780	0.47	0.005	0.98	0.60	12.1	<0.2	10	580	0.69	0.61	0.78	0.30	32.1	7.5	8
ZZ34781	0.42	0.001	0.18	0.61	43.2	<0.2	<10	220	1.49	0.32	0.41	0.25	11.15	13.1	29
ZZ34782	0.49	0.003	0.29	0.72	20.4	<0.2	10	290	0.82	0.29	1.57	1.32	12.70	10.6	44
ZZ34783	0.48	0.003	0.22	0.79	22.6	<0.2	10	410	0.75	0.22	2.49	2.09	12.75	7.4	38
ZZ34784	0.30	0.001	0.10	1.16	48.9	<0.2	10	570	1.28	0.34	4.16	3.12	28.2	18.8	23
ZZ34785	0.57	0.001	0.10	0.89	51.0	<0.2	10	300	1.36	0.36	2.53	2.39	23.5	14.1	22

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Finalized Date: 24-JUL-2013
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CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ77996		0.72	31.2	1.75	2.22	0.10	0.07	0.25	0.026	0.08	18.0	5.3	0.17	215	5.47	<0.01
ZZ77997		0.77	24.5	1.31	1.54	0.08	0.05	0.21	0.020	0.06	13.2	3.0	0.08	224	6.70	<0.01
ZZ77998		2.39	25.3	1.48	2.10	0.05	<0.02	0.12	0.043	0.12	2.6	1.2	0.02	11	0.35	<0.01
ZZ77999		1.16	33.0	1.60	1.76	0.11	0.08	0.33	0.026	0.06	26.3	3.0	0.25	264	9.31	<0.01
ZZ78000		0.54	41.3	2.29	2.60	0.12	0.12	0.17	0.034	0.09	21.1	5.4	0.19	451	9.64	<0.01
ZZ34751		1.88	57.8	4.87	5.66	0.18	0.07	0.05	0.049	0.14	23.0	23.8	0.66	499	9.46	0.01
ZZ34752		1.51	49.5	3.88	5.51	0.15	0.11	0.07	0.048	0.13	20.6	21.2	0.59	356	7.63	<0.01
ZZ34753		2.06	40.0	4.02	6.65	0.13	0.10	0.07	0.044	0.12	18.6	27.8	0.57	649	3.24	0.01
ZZ34754		2.08	44.9	4.21	5.91	0.16	0.08	0.07	0.041	0.12	25.6	25.9	0.61	375	4.76	0.01
ZZ34755		1.95	32.8	3.96	5.67	0.09	0.06	0.03	0.042	0.12	4.3	24.7	0.50	300	1.64	0.06
ZZ34756		1.14	24.4	3.07	4.27	0.08	0.06	0.12	0.048	0.14	4.4	18.4	0.30	112	2.45	0.01
ZZ34757		1.17	23.4	3.24	4.20	0.08	0.02	0.06	0.044	0.15	3.3	11.4	0.21	47	1.58	0.02
ZZ34758		1.08	37.6	3.40	4.46	0.09	0.08	0.11	0.042	0.11	9.8	20.4	0.32	258	1.61	0.01
ZZ34759		1.38	33.2	3.21	4.17	<0.05	0.05	0.09	0.045	0.14	4.0	16.2	0.27	131	3.29	0.01
ZZ34760		1.05	37.6	2.56	2.38	0.06	0.03	0.19	0.034	0.10	10.6	8.1	0.19	297	2.28	0.01
ZZ34761		1.18	39.6	4.20	4.33	<0.05	0.03	0.04	0.048	0.11	4.9	25.8	0.39	289	2.75	0.01
ZZ34762		1.20	41.8	3.52	4.10	0.06	0.03	0.05	0.040	0.09	10.8	23.8	0.42	708	2.26	0.01
ZZ34763		1.37	39.0	4.43	4.56	0.05	0.06	0.04	0.053	0.11	5.8	31.3	0.41	667	1.28	0.01
ZZ34764		1.39	44.7	4.25	5.12	0.07	0.06	0.07	0.053	0.12	8.3	25.9	0.43	322	1.30	0.01
ZZ34765		1.67	32.1	4.22	5.33	0.05	0.06	0.03	0.048	0.12	6.7	28.1	0.40	337	0.81	0.02
ZZ34766		0.93	27.8	2.62	2.55	0.06	0.04	0.30	0.035	0.10	13.8	9.6	0.17	316	1.82	0.01
ZZ34767		1.05	19.6	2.04	2.47	0.06	0.04	0.27	0.031	0.09	13.2	5.1	0.12	506	1.24	0.01
ZZ34768		4.27	34.9	2.76	1.64	0.07	0.04	0.29	0.037	0.13	11.8	3.6	0.10	208	3.06	0.01
ZZ34769		1.32	32.6	2.25	2.45	0.07	0.03	0.19	0.030	0.09	18.2	6.6	0.21	386	5.22	0.01
ZZ34770		1.61	20.9	2.23	2.74	0.06	0.03	0.18	0.028	0.11	17.4	8.1	0.22	433	1.80	0.01
ZZ34771		5.06	18.6	2.05	1.53	<0.05	0.08	0.24	0.037	0.28	1.6	4.6	0.05	30	0.35	0.01
ZZ34772		0.71	25.7	2.13	3.41	0.07	0.03	0.23	0.030	0.06	23.2	7.2	0.23	444	1.48	0.01
ZZ34773		1.36	43.7	2.21	3.06	0.08	0.09	0.27	0.039	0.07	14.2	5.8	0.12	175	4.52	<0.01
ZZ34774		2.37	55.1	2.80	3.39	0.11	0.04	4.28	0.049	0.20	21.2	5.0	0.13	339	1.50	0.01
ZZ34775		3.40	62.7	3.27	5.68	0.22	0.11	2.33	0.082	0.41	50.5	7.9	0.16	415	1.20	0.01
ZZ34776		0.57	18.6	1.65	2.00	0.06	0.02	0.13	0.022	0.05	13.6	6.7	0.24	386	1.38	0.01
ZZ34777		0.62	27.8	2.45	3.01	0.07	0.03	0.17	0.030	0.06	20.0	9.2	0.30	668	2.15	0.01
ZZ34778		0.55	19.6	2.04	2.35	0.06	0.02	0.10	0.025	0.06	16.9	7.6	0.26	541	1.25	0.01
ZZ34779		0.92	55.1	4.91	2.48	0.12	0.09	0.90	0.098	0.13	17.6	6.0	0.09	403	0.75	0.01
ZZ34780		3.21	37.4	2.65	1.68	0.10	0.14	0.63	0.040	0.36	15.8	4.7	0.06	92	4.34	0.01
ZZ34781		2.12	28.0	3.08	1.74	<0.05	0.13	0.26	0.043	0.17	5.1	2.0	0.09	74	0.30	<0.01
ZZ34782		1.03	47.4	2.91	1.97	0.09	0.09	0.24	0.045	0.12	16.9	3.5	0.10	269	2.16	0.01
ZZ34783		1.18	27.7	2.10	2.15	0.08	0.10	0.25	0.037	0.11	18.1	4.3	0.11	225	1.38	0.01
ZZ34784		1.90	34.2	2.82	3.06	0.11	0.07	0.19	0.041	0.15	26.3	6.8	0.14	1840	0.77	0.01
ZZ34785		3.12	37.0	2.80	2.51	0.10	0.05	0.25	0.045	0.18	22.8	4.6	0.10	854	0.60	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ77996		0.32	57.6	1770	11.8	8.2	0.002	0.16	1.02	1.5	6.7	0.4	57.3	0.01	0.06	0.4
ZZ77997		0.24	43.1	1470	9.8	6.5	0.001	0.20	0.83	1.2	5.5	0.3	40.9	0.01	0.06	0.3
ZZ77998		0.06	12.8	520	13.9	10.6	0.005	0.12	1.06	3.6	3.1	0.4	31.1	<0.01	0.14	1.6
ZZ77999		0.19	74.6	1760	13.1	7.6	0.001	0.09	1.55	3.5	3.4	0.5	35.1	0.01	0.08	0.5
ZZ78000		0.29	86.8	1520	15.0	8.1	0.001	0.09	1.36	4.0	5.9	0.6	47.9	0.01	0.09	1.0
ZZ34751		0.26	78.6	1810	19.4	12.3	0.001	0.02	4.09	6.7	3.1	0.7	29.3	0.01	0.04	4.2
ZZ34752		0.30	55.4	1270	17.9	13.8	0.001	0.02	3.37	6.3	2.5	0.6	30.0	0.01	0.05	4.1
ZZ34753		0.37	44.9	1110	19.6	17.1	0.001	0.06	1.24	5.9	1.3	0.8	41.8	0.01	0.04	3.3
ZZ34754		0.30	53.0	1280	18.9	12.1	0.001	0.03	2.03	6.8	1.6	0.6	33.0	0.01	0.04	5.9
ZZ34755		0.13	33.1	670	20.5	14.5	<0.001	0.28	0.39	5.9	0.6	0.7	69.2	<0.01	0.04	4.8
ZZ34756		0.17	24.5	520	19.5	14.3	0.001	0.21	0.52	4.2	0.8	0.6	34.9	<0.01	0.06	4.4
ZZ34757		0.13	16.4	570	21.9	13.9	<0.001	0.23	0.52	3.2	0.8	0.6	27.3	<0.01	0.07	3.1
ZZ34758		0.24	45.5	890	18.1	13.2	<0.001	0.08	0.70	5.6	1.1	0.6	35.1	0.01	0.06	3.8
ZZ34759		0.09	25.1	540	20.6	13.4	<0.001	0.17	0.46	4.7	0.8	0.6	19.6	<0.01	0.09	2.7
ZZ34760		0.18	43.2	1180	12.6	10.1	0.001	0.05	1.26	4.8	1.9	0.4	58.2	<0.01	0.09	2.8
ZZ34761		0.28	47.2	650	18.6	11.9	<0.001	0.08	0.87	3.6	1.1	0.5	18.6	<0.01	0.07	2.9
ZZ34762		0.38	73.8	920	16.1	10.4	0.001	0.03	1.01	4.3	1.3	0.5	19.8	<0.01	0.07	3.4
ZZ34763		0.13	59.1	1240	21.0	15.7	<0.001	0.06	0.46	4.6	1.0	0.5	17.0	<0.01	0.09	3.5
ZZ34764		0.13	57.8	870	21.1	14.7	0.001	0.07	0.50	7.1	1.4	0.6	22.2	<0.01	0.07	4.7
ZZ34765		0.11	42.5	890	24.8	16.7	0.001	0.15	0.39	5.7	0.7	0.6	23.7	<0.01	0.06	3.8
ZZ34766		0.19	37.7	1110	12.0	10.5	0.002	0.11	0.65	3.0	1.5	0.4	35.3	<0.01	0.08	0.9
ZZ34767		0.24	32.9	1590	11.3	9.7	0.001	0.13	0.83	1.9	1.6	0.4	26.6	<0.01	0.06	0.4
ZZ34768		0.14	47.1	1590	11.9	13.3	0.002	0.06	1.44	3.2	2.7	0.3	34.3	<0.01	0.12	0.8
ZZ34769		0.33	59.3	1270	13.5	8.2	0.001	0.08	1.46	1.8	3.3	0.4	34.9	<0.01	0.09	0.4
ZZ34770		0.37	36.5	1240	15.3	9.6	0.001	0.10	1.00	1.5	1.7	0.4	32.3	<0.01	0.09	0.5
ZZ34771		<0.05	26.9	260	13.8	19.6	<0.001	0.19	0.41	3.6	0.4	0.5	31.7	<0.01	0.27	3.1
ZZ34772		0.44	36.4	2280	12.0	5.9	<0.001	0.20	0.97	1.1	2.3	0.4	35.9	<0.01	0.11	0.3
ZZ34773		0.27	60.1	1480	11.8	9.8	0.001	0.09	1.25	4.3	4.0	0.5	34.3	<0.01	0.15	1.1
ZZ34774		0.31	122.5	3810	18.1	12.3	0.001	0.03	2.05	2.9	2.4	0.6	58.2	<0.01	0.28	1.6
ZZ34775		0.42	173.5	>10000	26.0	22.5	0.002	0.02	2.33	3.3	2.9	0.9	119.5	<0.01	0.57	6.0
ZZ34776		0.31	35.1	1010	10.1	4.5	0.001	0.05	0.93	1.3	1.1	0.3	80.8	<0.01	0.11	0.5
ZZ34777		0.36	39.1	1350	15.9	6.1	0.001	0.08	1.62	1.6	1.8	0.4	40.4	<0.01	0.33	0.5
ZZ34778		0.35	28.0	1230	12.7	5.8	0.001	0.10	0.89	1.1	1.4	0.3	64.7	<0.01	0.17	0.3
ZZ34779		0.27	125.5	1380	46.4	7.7	0.001	0.04	7.39	5.0	2.3	0.8	19.6	<0.01	0.49	2.8
ZZ34780		0.07	32.4	1020	74.7	15.8	0.005	0.36	1.63	5.1	4.2	0.8	244	<0.01	0.21	22.7
ZZ34781		0.07	78.0	490	18.1	9.5	0.003	<0.01	2.32	6.6	1.0	0.5	13.8	<0.01	0.13	7.2
ZZ34782		0.24	118.0	1460	19.7	8.4	0.001	0.05	1.89	6.0	2.6	0.7	24.0	<0.01	0.09	1.5
ZZ34783		0.27	90.3	1290	20.0	7.8	<0.001	0.06	2.45	3.8	2.2	0.6	35.1	<0.01	0.11	1.1
ZZ34784		0.39	209	2430	43.8	11.0	0.001	0.10	2.15	2.7	1.8	0.6	33.0	<0.01	0.35	1.0
ZZ34785		0.34	184.5	2020	41.4	12.2	<0.001	0.02	2.63	4.8	1.5	0.6	29.5	<0.01	0.32	2.7

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ77996		0.005	0.15	1.67	36	0.11	45.1	187	1.4
ZZ77997		<0.005	0.12	1.88	25	0.08	28.5	167	1.2
ZZ77998		<0.005	0.26	2.14	50	<0.05	7.67	48	<0.5
ZZ77999		0.005	0.15	5.69	39	0.11	46.2	233	1.4
ZZ78000		0.007	0.15	1.86	45	0.14	43.6	281	2.8
ZZ34751		0.005	0.49	0.93	86	<0.05	18.70	273	1.5
ZZ34752		<0.005	0.40	1.61	79	<0.05	20.1	242	3.2
ZZ34753		0.005	0.26	1.01	52	0.09	15.70	144	2.4
ZZ34754		0.007	0.26	0.92	55	0.06	19.25	182	2.5
ZZ34755		<0.005	0.19	0.53	30	<0.05	7.03	87	2.1
ZZ34756		<0.005	0.25	0.68	30	<0.05	6.60	70	1.9
ZZ34757		<0.005	0.22	0.40	27	<0.05	4.25	66	0.6
ZZ34758		<0.005	0.19	0.85	38	0.06	21.0	132	2.0
ZZ34759		<0.005	0.30	0.70	30	<0.05	7.71	73	1.6
ZZ34760		0.005	0.18	1.51	48	0.07	27.0	179	1.0
ZZ34761		<0.005	0.22	0.83	42	0.06	5.26	170	1.0
ZZ34762		0.012	0.19	1.18	44	0.11	14.05	205	1.1
ZZ34763		<0.005	0.16	1.01	35	<0.05	12.30	183	1.4
ZZ34764		<0.005	0.19	1.27	42	<0.05	24.9	159	1.5
ZZ34765		<0.005	0.18	1.18	39	<0.05	13.80	119	1.7
ZZ34766		<0.005	0.13	0.92	33	0.08	27.4	209	1.2
ZZ34767		0.005	0.14	1.31	43	0.08	29.3	176	1.0
ZZ34768		<0.005	0.19	1.19	45	0.05	29.6	172	1.1
ZZ34769		0.009	0.22	1.20	37	0.16	29.5	217	0.7
ZZ34770		0.008	0.20	0.99	34	0.20	26.4	143	0.8
ZZ34771		<0.005	0.26	0.23	23	0.12	3.87	96	2.9
ZZ34772		0.009	0.11	2.09	51	0.21	47.1	216	0.7
ZZ34773		0.005	0.29	3.55	69	0.09	47.5	241	2.3
ZZ34774		0.006	0.21	6.00	55	0.15	46.8	603	1.0
ZZ34775		0.007	0.18	14.55	88	0.17	99.6	932	3.0
ZZ34776		0.014	0.11	0.83	30	0.12	23.0	183	0.7
ZZ34777		0.016	0.16	0.91	45	0.25	32.2	244	0.8
ZZ34778		0.013	0.09	0.86	34	0.35	28.3	196	0.6
ZZ34779		<0.005	0.26	2.07	63	0.16	57.3	851	2.5
ZZ34780		<0.005	0.47	2.75	22	<0.05	10.10	108	7.4
ZZ34781		<0.005	0.20	1.21	26	<0.05	9.55	340	5.6
ZZ34782		0.005	0.15	1.69	49	0.09	46.6	362	2.5
ZZ34783		0.005	0.18	1.35	43	0.07	47.5	358	2.9
ZZ34784		0.005	0.47	1.38	44	0.16	55.3	682	2.0
ZZ34785		<0.005	0.60	1.96	36	0.12	43.3	717	1.7

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VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ34786		0.35	0.001	0.04	0.73	46.6	<0.2	10	260	1.25	0.31	1.74	1.55	18.20	11.0	17
ZZ34787		0.45	0.005	1.34	0.59	27.5	<0.2	10	1000	0.71	0.24	0.97	1.07	13.60	9.3	25
ZZ34788		0.25	0.004	0.13	1.31	12.9	<0.2	<10	1230	0.66	0.32	2.07	2.56	22.5	10.7	27
ZZ34789		0.21	0.006	1.57	1.34	22.0	<0.2	10	1020	0.87	0.41	1.67	1.50	18.20	13.0	35
ZZ34790		0.42	0.013	1.12	1.04	31.8	<0.2	10	850	0.73	0.33	4.80	3.90	21.3	12.2	26
ZZ34791		0.50	0.007	0.54	0.55	27	<0.2	<10	290	0.58	0.47	14.45	2.85	16.00	12.9	22
ZZ34792		0.54	0.002	0.35	0.88	70	<0.2	10	500	0.80	0.36	13.25	3.85	27.2	14.7	24
ZZ34793		0.52	0.007	0.55	0.58	111.0	<0.2	<10	730	0.96	0.34	0.61	0.65	13.65	14.4	17
ZZ34794		0.36	0.009	0.76	1.08	17.2	<0.2	<10	1600	1.17	0.22	3.30	3.36	24.5	13.7	24
ZZ34795		0.37	0.006	0.57	1.26	15.6	<0.2	<10	320	0.87	0.26	1.11	0.98	25.9	10.6	25
ZZ34796		0.33	0.006	1.17	0.84	9.4	<0.2	10	400	0.63	0.24	2.04	1.14	10.20	7.9	21
ZZ34797		0.36	0.003	0.38	0.72	9.3	<0.2	<10	350	0.70	0.29	0.31	0.32	7.52	8.8	21
ZZ34798		0.32	0.005	1.16	0.66	17.7	<0.2	10	530	0.81	0.31	0.71	0.60	7.85	8.0	20
ZZ34799		0.32	0.004	1.22	0.80	10.2	<0.2	10	760	0.64	0.26	1.33	1.32	11.80	8.2	35
ZZ34800		0.33	0.005	1.13	0.85	9.6	<0.2	10	650	0.74	0.27	1.49	0.98	8.75	9.3	29
ZZ34801		0.40	0.004	0.11	0.74	13.2	<0.2	<10	340	0.41	0.29	0.59	0.17	5.41	7.4	14
ZZ34802		0.42	0.004	0.20	0.99	11.8	<0.2	<10	840	0.85	0.34	0.37	0.35	10.45	22.1	18
ZZ34803		0.39	0.004	0.82	0.52	9.6	<0.2	10	420	0.47	0.15	9.51	6.52	8.24	7.0	19
ZZ34804		0.52	0.003	0.43	0.29	9	<0.2	<10	460	0.27	0.08	19.35	3.24	5.47	5.3	11
ZZ34805		0.52	0.004	0.88	0.40	12	<0.2	<10	730	0.45	0.15	12.35	1.96	6.78	7.5	16
ZZ34806		0.55	0.010	2.53	0.43	17.3	<0.2	10	780	0.49	0.24	2.76	1.39	13.85	7.3	40
ZZ34807		0.55	0.006	1.29	0.40	17.1	<0.2	<10	630	0.49	0.22	5.03	1.11	15.40	7.7	32
ZZ34808		0.50	0.007	1.35	0.20	13.0	<0.2	<10	460	0.27	0.19	1.64	1.17	6.06	6.8	22
ZZ34809		0.45	0.011	2.19	0.64	21.6	<0.2	10	1420	0.51	0.30	3.18	1.09	19.35	16.6	40
ZZ34810		0.38	0.002	0.09	0.65	8	<0.2	<10	490	0.51	0.14	19.50	1.19	13.25	8.3	24
ZZ34811		0.38	0.005	0.52	0.74	11	<0.2	10	510	0.66	0.16	14.50	3.13	12.80	9.1	24
ZZ34812		0.42	0.003	0.22	0.72	7.9	<0.2	<10	1410	0.75	0.28	2.83	0.70	9.47	9.7	10
ZZ34813		0.46	0.003	0.35	0.61	9	<0.2	10	350	0.52	0.15	20.8	2.60	12.95	9.9	16
ZZ34814		0.37	0.007	0.98	0.72	14.1	<0.2	10	780	0.76	0.32	1.09	2.04	14.45	12.8	29
ZZ34815		0.43	0.003	0.94	0.69	17.0	<0.2	10	390	0.73	0.33	0.99	2.01	17.30	13.8	35
ZZ34816		0.42	0.003	1.07	0.84	10.0	<0.2	10	510	0.94	0.26	0.90	1.25	17.25	7.9	25
ZZ34817		0.59	0.002	0.60	0.60	9.4	<0.2	10	490	0.91	0.26	5.65	1.76	20.0	9.8	13
ZZ34818		0.52	0.002	0.88	0.85	11.9	<0.2	10	580	1.01	0.30	2.36	2.16	21.7	12.1	21
ZZ34819		0.54	0.005	1.60	0.69	13.3	<0.2	<10	1210	0.59	0.24	1.55	0.84	11.05	8.6	32
ZZ34820		0.48	0.005	1.01	0.74	7.5	<0.2	10	760	0.58	0.22	1.13	1.16	9.32	8.7	23
ZZ34821		0.53	0.004	0.83	0.65	9.0	<0.2	10	450	0.86	0.28	1.92	1.36	16.50	9.3	16
ZZ34822		0.65	0.002	0.38	0.48	10	<0.2	<10	740	0.61	0.18	16.00	2.24	12.45	7.9	12
ZZ34823		0.53	0.002	0.59	0.51	10	<0.2	10	1400	0.79	0.23	10.55	1.40	13.85	8.2	12
ZZ34824		0.42	0.008	1.62	0.48	21.8	<0.2	10	1450	0.81	0.21	1.03	1.25	7.32	9.4	30
ZZ34825		0.38	0.009	2.16	0.62	25.2	<0.2	<10	2010	1.07	0.19	0.51	1.09	6.20	9.4	48

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 24- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ34786		2.05	32.5	2.45	2.10	0.08	0.09	0.19	0.038	0.16	16.5	3.9	0.07	460	0.45	<0.01
ZZ34787		1.70	58.9	2.68	1.68	0.08	0.04	0.25	0.040	0.14	10.2	3.4	0.07	322	3.64	0.01
ZZ34788		0.80	20.4	2.66	3.42	0.07	0.02	0.11	0.034	0.05	20.3	7.6	0.24	777	1.09	0.01
ZZ34789		1.43	52.7	3.12	3.71	0.12	0.14	0.21	0.060	0.11	26.2	6.6	0.20	512	7.34	0.02
ZZ34790		0.54	35.9	2.70	2.68	0.11	0.04	0.15	0.043	0.07	29.3	6.9	0.27	638	7.57	0.01
ZZ34791		0.89	40.4	2.71	1.74	0.09	0.05	0.16	0.051	0.08	19.2	4.4	0.27	385	3.05	0.01
ZZ34792		0.50	23.8	2.97	2.38	0.13	0.04	0.16	0.036	0.10	35.5	7.1	0.54	1320	1.68	0.01
ZZ34793		2.50	35.5	3.09	1.37	0.06	0.05	0.59	0.039	0.17	6.1	2.9	0.06	148	0.61	0.01
ZZ34794		1.15	76.1	4.12	3.35	0.07	0.08	0.32	0.039	0.16	12.6	10.2	0.38	497	6.92	0.01
ZZ34795		1.00	33.9	2.94	3.61	0.07	0.05	0.15	0.033	0.09	15.1	15.8	0.40	351	2.75	<0.01
ZZ34796		0.71	29.8	2.31	2.11	<0.05	0.06	0.52	0.042	0.11	7.4	6.3	0.13	232	2.52	<0.01
ZZ34797		1.73	40.3	3.43	1.88	<0.05	<0.02	0.20	0.049	0.13	4.2	6.0	0.08	113	3.64	<0.01
ZZ34798		1.00	37.8	2.75	1.78	<0.05	0.05	1.11	0.046	0.14	4.8	6.3	0.07	112	6.24	<0.01
ZZ34799		1.24	46.6	2.90	2.16	0.08	0.06	0.63	0.041	0.18	12.5	8.2	0.11	202	4.50	0.01
ZZ34800		1.18	46.2	3.00	2.20	0.05	0.08	0.57	0.046	0.14	7.8	7.8	0.13	158	5.42	<0.01
ZZ34801		1.66	27.9	2.86	2.40	<0.05	0.04	0.19	0.038	0.14	1.9	8.5	0.14	123	3.55	<0.01
ZZ34802		2.22	44.2	3.48	2.95	0.05	0.04	0.35	0.051	0.15	3.8	18.8	0.19	308	1.95	<0.01
ZZ34803		0.25	38.6	1.73	1.38	0.05	0.07	0.24	0.026	0.08	9.0	3.5	0.08	355	2.92	<0.01
ZZ34804		0.63	25.3	1.00	0.82	<0.05	0.03	0.18	0.015	0.07	6.2	2.8	0.08	245	1.75	<0.01
ZZ34805		0.98	38.9	1.86	1.03	0.05	0.04	0.58	0.030	0.09	6.3	3.3	0.08	212	3.12	<0.01
ZZ34806		0.80	81.7	2.76	1.42	0.08	0.05	0.20	0.046	0.14	9.4	1.8	0.06	174	5.95	<0.01
ZZ34807		0.89	63.1	2.33	1.32	0.08	0.04	0.24	0.041	0.12	10.3	1.6	0.05	139	5.79	<0.01
ZZ34808		0.50	69.7	2.34	0.71	<0.05	0.03	0.18	0.028	0.06	2.8	1.5	0.03	163	6.30	<0.01
ZZ34809		0.74	112.0	4.38	1.75	0.09	0.05	0.14	0.056	0.15	11.9	4.4	0.09	489	12.25	<0.01
ZZ34810		1.78	29.1	1.33	1.74	0.08	0.17	0.16	0.028	0.10	21.8	3.5	0.10	286	0.63	<0.01
ZZ34811		0.55	30.9	1.66	1.88	0.06	0.10	0.11	0.026	0.10	16.3	4.6	0.14	563	2.37	<0.01
ZZ34812		0.86	31.0	3.11	1.67	<0.05	0.04	0.14	0.041	0.17	5.7	4.0	0.09	239	1.72	<0.01
ZZ34813		0.63	19.2	1.49	1.45	0.05	0.08	0.07	0.022	0.09	15.8	3.6	0.16	549	3.57	<0.01
ZZ34814		0.69	69.1	3.31	2.22	0.08	0.07	0.24	0.043	0.14	15.9	4.4	0.12	285	11.30	<0.01
ZZ34815		0.60	72.3	3.23	2.37	0.10	0.06	0.18	0.046	0.14	20.9	4.7	0.18	272	19.50	<0.01
ZZ34816		0.41	35.0	2.35	2.19	0.08	0.14	0.09	0.035	0.14	22.5	4.7	0.12	182	8.70	<0.01
ZZ34817		0.61	30.9	2.45	1.39	0.06	0.05	0.09	0.033	0.16	13.0	3.5	0.13	409	4.61	<0.01
ZZ34818		0.59	43.0	2.84	2.15	0.08	0.07	0.12	0.041	0.19	18.0	4.9	0.13	568	8.72	<0.01
ZZ34819		1.58	71.2	3.09	1.60	0.07	0.08	0.73	0.046	0.13	6.6	9.4	0.12	135	4.02	<0.01
ZZ34820		1.35	44.6	2.48	1.73	0.05	0.05	0.58	0.035	0.17	10.9	5.9	0.10	238	4.43	<0.01
ZZ34821		0.53	33.8	2.50	1.52	0.06	0.08	0.12	0.038	0.16	13.8	3.2	0.09	282	5.02	<0.01
ZZ34822		0.67	22.9	1.77	1.17	0.05	0.03	0.11	0.026	0.11	10.7	2.4	0.12	350	2.27	<0.01
ZZ34823		0.62	25.5	2.09	1.22	0.05	0.04	0.09	0.032	0.15	9.9	2.5	0.14	276	3.17	<0.01
ZZ34824		1.23	87.8	3.21	1.42	0.07	0.05	0.25	0.040	0.11	6.4	2.1	0.05	144	7.42	<0.01
ZZ34825		1.69	170.0	3.58	1.78	0.08	0.03	0.30	0.045	0.10	4.9	2.3	0.04	120	9.47	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ34786		0.36	144.0	1370	33.7	10.0	<0.001	0.03	2.07	4.5	1.2	0.5	20.2	<0.01	0.26	2.5
ZZ34787		0.16	108.0	1430	18.0	9.5	0.001	0.09	1.84	5.6	3.7	0.4	45.5	<0.01	0.20	2.9
ZZ34788		0.55	33.0	1200	18.3	7.4	<0.001	0.13	1.12	1.8	1.5	0.4	18.6	<0.01	0.21	0.3
ZZ34789		0.35	72.2	2440	25.4	10.8	0.002	0.14	1.51	4.6	4.6	0.6	57.8	<0.01	0.51	1.5
ZZ34790		0.27	53.4	2160	21.2	5.8	0.001	0.11	1.44	1.7	4.3	0.5	49.1	<0.01	0.37	0.5
ZZ34791		0.21	57.0	1420	27.3	5.8	<0.001	0.03	1.43	3.0	2.4	0.5	73.5	<0.01	0.54	2.0
ZZ34792		0.21	42.9	1540	23.8	6.5	0.001	0.11	1.57	2.2	2.6	0.4	83.2	<0.01	0.49	0.6
ZZ34793		0.24	79.7	410	30.3	9.9	0.002	0.08	2.74	6.0	2.1	0.5	21.8	<0.01	0.19	5.6
ZZ34794		0.29	81.0	1480	16.2	9.6	0.001	0.08	4.02	6.1	3.1	0.5	103.0	<0.01	0.08	4.7
ZZ34795		0.52	42.4	970	17.0	10.5	0.001	0.03	1.33	4.0	1.9	0.5	28.4	<0.01	0.05	1.7
ZZ34796		0.21	40.4	1210	12.4	9.3	0.002	0.14	0.82	2.0	2.6	0.4	38.0	<0.01	0.07	0.5
ZZ34797		0.14	35.6	590	17.5	14.8	0.003	0.13	0.67	2.9	3.4	0.4	27.4	<0.01	0.09	0.8
ZZ34798		0.09	35.6	700	17.2	11.8	0.002	0.28	0.84	4.5	3.5	0.5	70.8	<0.01	0.14	1.5
ZZ34799		0.15	47.9	1920	14.7	15.0	0.005	0.27	0.93	4.4	5.0	0.5	100.0	<0.01	0.10	1.2
ZZ34800		0.10	53.5	1400	15.0	12.5	0.004	0.13	0.72	4.2	4.0	0.5	55.3	<0.01	0.09	1.1
ZZ34801		<0.05	20.3	520	20.4	11.8	0.001	0.15	0.37	4.2	0.7	0.5	33.1	<0.01	0.06	3.3
ZZ34802		0.05	52.5	680	20.6	13.7	0.003	0.14	0.40	6.0	1.3	0.6	53.6	<0.01	0.07	4.5
ZZ34803		0.13	86.3	1800	8.7	4.5	0.002	0.12	1.16	1.5	3.3	0.3	29.0	<0.01	0.12	0.8
ZZ34804		0.11	71.5	1260	4.9	4.4	0.001	0.03	0.80	2.0	2.0	0.2	57.7	<0.01	0.09	1.1
ZZ34805		0.07	66.4	1310	9.4	7.6	0.004	0.06	0.94	2.8	3.5	0.3	70.5	<0.01	0.11	1.1
ZZ34806		0.05	98.6	1590	14.9	8.0	0.006	0.07	2.00	4.0	7.3	0.4	66.5	<0.01	0.18	5.0
ZZ34807		0.07	86.0	1910	13.4	7.2	0.007	0.06	2.05	3.7	8.6	0.4	64.7	<0.01	0.15	4.9
ZZ34808		<0.05	92.0	630	11.4	3.7	0.004	0.07	2.16	3.6	5.0	0.3	29.7	<0.01	0.19	2.8
ZZ34809		0.07	155.0	2470	17.8	8.4	0.002	0.06	2.97	4.8	11.1	0.6	69.1	<0.01	0.24	5.1
ZZ34810		0.10	77.1	1910	7.1	8.5	<0.001	<0.01	0.70	6.1	1.4	0.3	117.5	<0.01	0.16	3.6
ZZ34811		0.21	54.1	1770	11.0	7.0	0.001	0.13	0.91	2.0	2.6	0.3	66.3	<0.01	0.11	0.8
ZZ34812		0.12	34.4	390	18.2	8.8	0.001	0.08	0.87	4.1	1.3	0.6	29.1	<0.01	0.16	3.1
ZZ34813		0.21	48.5	1020	11.2	6.2	0.002	0.07	0.90	2.3	2.0	0.3	106.5	<0.01	0.13	0.8
ZZ34814		0.20	127.0	1120	22.0	9.9	0.005	0.04	1.62	6.3	7.2	0.6	24.8	<0.01	0.12	1.8
ZZ34815		0.18	155.0	1310	22.7	9.3	0.003	0.03	1.66	6.6	11.3	0.6	31.4	<0.01	0.11	3.0
ZZ34816		0.23	67.7	1210	19.1	8.3	0.003	0.12	0.99	3.8	5.4	0.5	29.2	<0.01	0.10	1.6
ZZ34817		0.13	55.5	830	21.2	7.5	0.003	0.16	0.89	3.3	3.4	0.5	47.0	<0.01	0.13	4.4
ZZ34818		0.17	88.4	1180	24.7	9.8	0.004	0.13	1.13	4.2	5.3	0.6	37.6	<0.01	0.14	3.4
ZZ34819		<0.05	99.6	1830	14.9	11.2	0.005	0.09	1.34	5.4	5.2	0.4	71.9	<0.01	0.13	4.7
ZZ34820		0.07	59.1	1290	14.2	13.5	0.004	0.10	0.76	4.8	4.1	0.4	40.6	<0.01	0.10	2.0
ZZ34821		0.17	59.9	980	21.4	8.3	0.003	0.15	1.00	3.6	3.9	0.5	33.4	<0.01	0.12	2.4
ZZ34822		0.13	48.8	880	13.6	6.6	0.003	0.07	0.72	3.2	1.9	0.3	67.2	<0.01	0.11	2.4
ZZ34823		0.10	42.9	690	17.3	8.5	0.004	0.18	0.74	3.2	2.4	0.4	81.2	<0.01	0.13	3.5
ZZ34824		0.08	123.5	1440	12.2	9.0	0.003	0.08	1.67	7.2	7.9	0.4	130.5	<0.01	0.12	1.6
ZZ34825		0.07	133.5	1790	10.8	10.3	0.003	0.16	1.61	10.4	9.3	0.5	146.5	<0.01	0.12	1.8

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ34786		<0.005	0.48	1.48	31	0.12	33.8	616	2.7
ZZ34787		<0.005	0.33	2.33	42	0.07	29.0	407	1.7
ZZ34788		0.016	0.13	2.15	54	0.14	29.5	227	0.5
ZZ34789		0.007	0.33	3.26	62	0.10	59.1	369	3.6
ZZ34790		0.010	0.18	1.29	43	0.13	55.9	377	1.0
ZZ34791		0.008	0.14	2.43	32	0.10	41.8	433	1.5
ZZ34792		0.009	0.18	0.93	38	0.19	65.9	300	1.0
ZZ34793		<0.005	0.30	1.21	20	0.07	14.80	322	2.2
ZZ34794		0.006	0.71	2.09	158	0.08	22.0	438	5.2
ZZ34795		0.015	0.20	1.11	75	0.15	20.7	171	1.4
ZZ34796		<0.005	0.15	1.81	52	0.06	21.1	156	1.6
ZZ34797		<0.005	0.14	1.46	42	<0.05	7.85	164	<0.5
ZZ34798		<0.005	0.28	1.67	39	<0.05	15.05	126	1.4
ZZ34799		<0.005	0.22	2.68	59	0.06	43.9	205	1.7
ZZ34800		<0.005	0.17	2.56	46	<0.05	27.1	196	2.3
ZZ34801		<0.005	0.27	0.71	19	<0.05	5.58	76	1.6
ZZ34802		<0.005	0.26	1.01	22	<0.05	11.95	141	1.7
ZZ34803		<0.005	0.15	1.82	35	0.06	32.0	363	2.3
ZZ34804		<0.005	0.15	2.24	25	0.05	19.45	261	1.1
ZZ34805		<0.005	0.14	3.57	33	0.05	24.8	258	1.5
ZZ34806		<0.005	0.32	4.49	52	<0.05	28.3	366	2.1
ZZ34807		<0.005	0.34	5.68	48	<0.05	29.4	306	2.1
ZZ34808		<0.005	0.19	1.05	34	<0.05	6.56	398	1.5
ZZ34809		<0.005	0.40	5.05	61	0.07	28.5	510	2.4
ZZ34810		<0.005	0.16	2.15	29	0.06	42.4	228	13.1
ZZ34811		<0.005	0.14	2.31	36	0.08	39.0	219	3.3
ZZ34812		<0.005	0.14	0.64	19	0.06	10.25	175	1.4
ZZ34813		0.005	0.17	1.75	26	0.07	37.6	220	2.2
ZZ34814		<0.005	0.15	2.56	43	0.10	35.9	392	2.0
ZZ34815		<0.005	0.18	2.70	50	0.09	45.4	447	2.1
ZZ34816		<0.005	0.16	2.57	36	0.10	41.4	243	4.1
ZZ34817		<0.005	0.17	1.64	20	0.17	24.0	224	2.7
ZZ34818		<0.005	0.18	2.15	34	0.13	35.3	294	2.3
ZZ34819		<0.005	0.16	3.60	40	<0.05	26.3	342	3.9
ZZ34820		<0.005	0.11	2.06	40	<0.05	26.5	249	1.8
ZZ34821		<0.005	0.16	1.58	25	0.12	28.8	222	2.7
ZZ34822		<0.005	0.13	1.21	20	0.07	25.8	207	1.6
ZZ34823		<0.005	0.15	1.27	19	0.08	21.0	183	2.1
ZZ34824		<0.005	0.20	3.39	59	0.05	36.9	416	2.0
ZZ34825		<0.005	0.15	8.17	82	<0.05	48.5	466	1.9

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ34826		0.36	0.011	3.73	0.48	24.5	<0.2	10	1600	0.73	0.24	1.27	2.71	5.87	7.8	36
ZZ34827		0.29	0.004	2.15	0.48	14.4	<0.2	10	1630	0.68	0.14	1.55	1.15	4.65	4.4	24
ZZ34828		0.48	0.006	2.05	0.35	26.5	<0.2	10	1380	0.51	0.20	0.56	0.74	4.72	6.4	20
ZZ34829		0.40	0.005	1.13	0.40	22.6	<0.2	10	1640	0.62	0.19	0.61	0.89	4.41	6.8	15
ZZ34830		0.40	0.007	0.97	0.26	9.7	<0.2	10	1590	0.62	0.21	0.40	0.45	3.17	7.3	9
ZZ34831		0.38	0.006	1.92	0.55	42.6	<0.2	<10	620	1.09	0.15	0.36	14.05	12.05	7.3	35
ZZ34832		0.43	0.013	1.69	0.51	23.0	<0.2	10	1850	0.82	0.20	1.61	11.60	18.75	9.0	24
ZZ34833		0.40	0.021	0.89	0.59	16.4	<0.2	<10	1230	1.55	0.19	0.10	2.13	24.4	23.8	8
ZZ34834		0.44	0.016	0.93	0.54	22.5	<0.2	<10	3010	0.86	0.18	0.46	6.41	26.6	15.5	13
ZZ34835		0.40	0.009	1.34	0.78	62.2	<0.2	<10	180	0.85	0.31	0.01	0.41	14.50	6.5	25
ZZ34836		0.42	0.011	3.19	0.96	59.2	<0.2	<10	230	1.02	0.25	0.14	1.50	24.3	5.8	24
ZZ34837		0.45	0.022	1.48	0.99	17.7	<0.2	<10	660	0.55	0.47	0.06	0.34	7.78	2.6	16
ZZ34838		0.44	0.026	2.52	1.01	16.0	<0.2	<10	1220	0.88	0.30	0.57	2.98	12.70	14.3	27
ZZ34839		0.36	0.016	2.48	0.69	15.4	<0.2	<10	440	0.53	0.44	0.53	0.67	6.25	3.2	20
ZZ34840		0.36	0.011	3.09	0.40	11.3	<0.2	10	150	0.27	0.44	0.52	0.75	7.38	0.9	28
ZZ34841		0.45	0.015	0.24	0.80	33.2	<0.2	<10	1610	1.03	0.30	1.10	1.31	13.10	10.1	41
ZZ34842		0.35	0.014	0.72	0.62	21.3	<0.2	<10	1480	0.60	0.24	1.83	1.31	16.15	14.8	28
ZZ34843		0.60	0.013	0.58	0.83	15	<0.2	10	910	0.65	0.23	11.40	1.95	19.30	11.6	28
ZZ34844		0.46	0.003	1.46	0.37	7.7	<0.2	<10	520	0.60	0.31	0.87	0.48	5.44	12.7	12
ZZ34845		0.47	0.003	0.71	1.26	6.7	<0.2	<10	1280	1.16	0.54	1.09	0.66	17.30	5.2	44
ZZ34846		0.58	0.002	0.19	0.38	8.8	<0.2	10	1150	0.57	0.29	5.98	1.11	16.60	15.2	14
ZZ34847		0.37	0.002	2.39	0.48	14.3	<0.2	20	70	0.41	0.45	0.39	0.19	11.15	1.5	81
ZZ34848		0.43	0.006	0.24	0.49	21.7	<0.2	<10	1260	0.78	0.36	0.39	2.05	14.70	16.4	28
ZZ34849		0.42	0.005	0.32	0.64	18.1	<0.2	10	670	0.86	0.31	0.55	2.72	12.35	19.7	29
ZZ34850		0.40	0.003	0.91	0.62	10.5	<0.2	<10	800	0.51	0.24	0.40	0.41	7.82	6.3	17
ZZ34851		0.41	0.005	1.02	0.76	12.9	<0.2	10	780	0.64	0.26	0.54	0.95	11.40	9.1	24
ZZ34852		0.34	0.008	1.41	0.25	12.0	<0.2	<10	950	0.50	0.18	1.83	0.78	5.87	5.7	11
ZZ34853		0.32	0.005	1.92	0.27	29.2	<0.2	<10	1270	0.46	0.17	0.53	1.27	5.22	3.4	20
ZZ34854		0.41	0.006	0.98	0.74	12.8	<0.2	10	470	0.63	0.27	3.89	3.44	16.85	9.3	28
ZZ34855		0.30	0.006	0.93	0.94	14.9	<0.2	10	2670	0.86	0.30	3.57	1.81	15.70	12.1	33
ZZ34856		0.47	0.003	0.45	0.52	7	<0.2	10	2810	0.42	0.18	19.05	1.67	8.81	9.5	14
ZZ34857		0.44	0.001	0.01	1.11	5.6	<0.2	<10	250	1.53	0.48	0.14	0.03	11.60	19.7	35
ZZ34858		0.39	0.005	1.31	1.75	24.2	<0.2	<10	470	1.16	0.18	1.32	3.68	65.6	28.5	44
ZZ34859		0.43	0.006	1.58	0.32	30	<0.2	<10	600	0.73	0.13	11.35	19.15	15.95	5.7	28
ZZ34860		0.39	0.015	1.06	0.50	14.4	<0.2	<10	2390	0.70	0.24	0.56	3.91	23.4	13.0	10
ZZ34861		0.45	0.008	1.00	0.63	18.9	<0.2	<10	520	0.40	0.25	0.04	0.25	12.60	5.5	14
ZZ34862		0.36	0.015	0.89	0.57	12.2	<0.2	<10	1170	0.63	0.25	0.35	2.59	23.1	13.1	8
ZZ34863		0.36	0.009	0.95	0.53	13.7	<0.2	<10	520	0.59	0.22	0.30	0.85	20.1	11.7	9
ZZ34864		0.54	0.008	1.23	0.60	15.8	<0.2	<10	580	0.52	0.22	0.03	0.44	13.35	6.6	12
ZZ34865		0.48	0.013	0.84	0.48	17.2	<0.2	<10	800	0.62	0.22	0.06	0.70	27.8	6.8	8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ34826		1.23	85.6	3.39	1.50	0.08	0.08	0.24	0.048	0.14	4.0	1.6	0.05	96	17.25	<0.01
ZZ34827		0.55	65.3	2.10	1.28	0.05	0.06	0.26	0.030	0.06	2.7	1.8	0.06	125	4.93	<0.01
ZZ34828		1.02	55.8	3.23	1.09	0.06	0.02	0.14	0.036	0.12	2.6	0.9	0.04	94	10.50	<0.01
ZZ34829		1.82	55.8	3.05	1.03	0.05	0.08	0.15	0.034	0.12	2.3	1.1	0.09	104	4.44	<0.01
ZZ34830		2.16	63.3	2.13	0.79	<0.05	0.03	0.18	0.039	0.10	1.6	0.9	0.02	110	3.31	<0.01
ZZ34831		0.79	104.5	1.97	2.44	0.09	0.02	0.14	0.039	0.10	10.1	1.5	0.04	136	78.6	<0.01
ZZ34832		0.90	103.5	2.39	2.20	0.09	0.05	0.34	0.040	0.14	11.2	2.1	0.16	243	23.4	<0.01
ZZ34833		1.20	131.0	3.04	1.54	0.11	0.06	0.42	0.040	0.12	8.2	2.6	0.04	464	8.41	0.01
ZZ34834		1.20	136.5	5.05	1.57	0.10	0.04	0.36	0.039	0.14	10.3	1.5	0.05	490	12.20	<0.01
ZZ34835		1.21	85.2	5.67	2.34	0.06	0.03	0.38	0.085	0.38	6.6	2.1	0.02	96	45.3	0.06
ZZ34836		1.46	85.3	4.65	2.54	0.11	0.05	0.16	0.065	0.29	13.5	3.9	0.06	126	25.6	0.06
ZZ34837		1.21	62.5	4.66	2.44	<0.05	0.04	0.14	0.098	0.22	4.2	3.1	0.05	41	3.24	0.02
ZZ34838		1.51	91.4	3.10	1.85	0.07	0.09	0.39	0.057	0.16	10.5	5.5	0.06	375	4.77	0.01
ZZ34839		0.79	58.6	4.26	2.04	<0.05	0.03	0.22	0.088	0.26	4.5	2.3	0.05	72	3.12	0.02
ZZ34840		0.51	27.3	3.03	2.47	0.06	0.04	0.32	0.103	0.35	6.8	3.9	0.05	11	5.49	0.08
ZZ34841		0.66	65.3	4.42	2.39	0.07	0.09	0.09	0.046	0.08	8.5	3.6	0.13	231	2.73	<0.01
ZZ34842		0.56	49.5	2.68	1.87	0.07	0.06	0.12	0.035	0.09	10.5	5.2	0.12	480	4.12	<0.01
ZZ34843		0.61	37.5	2.46	2.30	0.07	0.08	0.13	0.039	0.10	15.7	5.9	0.21	490	3.89	0.01
ZZ34844		1.68	35.0	2.42	0.95	<0.05	0.08	0.51	0.050	0.11	2.8	4.8	0.05	148	0.95	0.01
ZZ34845		2.71	23.9	2.84	2.14	0.18	0.15	0.47	0.059	0.19	20.7	4.2	0.05	31	1.21	0.02
ZZ34846		2.48	55.9	3.04	1.38	0.06	0.05	0.16	0.045	0.12	9.2	2.1	1.03	324	2.29	0.01
ZZ34847		3.45	21.7	11.15	4.67	0.15	0.09	1.14	0.113	0.62	13.7	9.6	0.05	<5	0.48	0.03
ZZ34848		0.82	73.6	3.91	1.83	0.08	0.04	0.27	0.046	0.09	13.4	3.1	0.08	317	3.37	0.01
ZZ34849		0.95	64.6	3.26	1.99	0.07	0.05	0.86	0.045	0.13	11.0	4.0	0.09	757	2.34	0.01
ZZ34850		1.30	35.6	2.80	1.64	0.05	0.02	0.41	0.039	0.15	4.8	5.1	0.10	94	3.11	0.01
ZZ34851		1.13	41.2	2.95	2.06	0.05	0.05	0.45	0.042	0.14	8.0	5.8	0.12	221	3.16	0.01
ZZ34852		1.22	63.0	1.71	0.85	0.05	0.11	0.24	0.031	0.09	3.8	1.0	0.04	55	4.85	0.01
ZZ34853		0.79	55.3	2.16	0.96	0.07	0.05	0.13	0.030	0.08	5.2	1.5	0.03	66	5.63	0.01
ZZ34854		0.63	43.9	2.33	2.09	0.08	0.07	0.12	0.039	0.10	19.2	4.8	0.19	473	3.83	0.01
ZZ34855		0.47	61.2	3.18	2.57	0.09	0.13	0.23	0.052	0.11	17.8	5.4	0.15	345	4.47	<0.01
ZZ34856		0.34	20.8	1.47	1.32	0.05	0.08	0.08	0.024	0.07	12.2	2.9	0.15	373	5.76	0.01
ZZ34857		2.41	33.3	4.14	4.58	<0.05	0.04	0.01	0.030	0.17	4.5	15.8	0.35	740	0.84	0.01
ZZ34858		1.68	68.7	4.68	6.09	0.14	0.09	0.13	0.053	0.19	33.5	30.5	0.82	758	11.05	0.01
ZZ34859		0.81	74.2	1.32	2.02	0.10	0.13	0.41	0.022	0.11	13.9	2.3	3.30	80	29.6	0.01
ZZ34860		1.35	101.5	3.62	1.79	0.07	0.02	0.33	0.043	0.15	9.7	1.8	0.14	641	6.49	<0.01
ZZ34861		1.56	74.0	4.53	2.51	0.05	<0.02	0.19	0.047	0.17	6.0	1.8	0.06	113	10.35	0.01
ZZ34862		2.11	85.7	2.68	1.77	0.07	0.02	0.20	0.040	0.15	8.9	3.1	0.09	460	6.05	0.01
ZZ34863		4.13	76.5	2.36	1.95	0.07	<0.02	0.13	0.039	0.16	7.7	2.8	0.07	284	6.53	0.01
ZZ34864		1.60	76.8	2.95	1.90	0.05	<0.02	0.10	0.041	0.21	5.6	2.1	0.05	191	8.43	0.01
ZZ34865		1.49	122.5	3.29	1.72	0.11	0.06	0.35	0.042	0.16	9.6	1.9	0.04	136	8.46	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ34826		<0.05	116.5	2590	14.5	11.0	0.005	0.15	2.47	8.9	10.2	0.5	254	<0.01	0.13	2.5
ZZ34827		0.11	96.9	1250	7.9	5.7	0.006	0.16	1.50	5.3	6.6	0.3	158.5	<0.01	0.08	0.5
ZZ34828		<0.05	90.7	1560	12.2	9.9	0.010	0.21	1.79	6.7	7.9	0.3	163.5	<0.01	0.15	1.5
ZZ34829		<0.05	83.3	1910	11.8	9.9	0.005	0.11	1.85	7.5	3.9	0.3	182.5	<0.01	0.13	2.5
ZZ34830		<0.05	73.8	580	11.4	9.8	0.005	0.05	1.15	7.2	2.9	0.3	115.0	<0.01	0.10	1.2
ZZ34831		0.08	205	1020	14.2	7.6	0.004	0.05	16.25	3.6	6.6	0.5	25.7	<0.01	0.22	0.7
ZZ34832		0.15	128.5	1900	14.2	7.8	0.006	0.07	9.64	4.1	7.9	0.4	71.5	<0.01	0.14	3.4
ZZ34833		0.12	100.0	840	16.6	7.5	0.007	0.05	5.74	6.4	5.4	0.4	44.7	<0.01	0.09	3.8
ZZ34834		0.12	149.5	2930	19.0	7.5	0.003	0.07	8.55	8.4	5.2	0.4	83.3	<0.01	0.11	5.7
ZZ34835		0.17	44.3	760	28.7	17.2	0.004	0.98	4.99	4.4	5.1	0.6	87.0	<0.01	0.21	2.6
ZZ34836		0.21	46.2	2590	20.1	15.4	0.006	0.78	7.88	3.9	12.7	0.5	120.0	<0.01	0.31	3.6
ZZ34837		0.10	16.3	1600	24.3	16.6	0.001	0.46	1.57	3.8	3.5	0.5	67.1	<0.01	0.47	1.0
ZZ34838		0.10	108.0	1800	17.6	14.3	0.002	0.27	1.56	6.2	5.1	0.4	58.8	<0.01	0.27	1.2
ZZ34839		0.09	25.9	1550	20.1	13.6	0.002	0.52	1.36	3.4	4.6	0.5	81.3	<0.01	0.35	0.8
ZZ34840		<0.05	34.0	860	21.7	19.8	0.006	1.09	0.78	2.4	7.2	0.7	153.0	<0.01	0.31	3.1
ZZ34841		0.26	189.0	1540	21.3	5.7	0.001	0.10	2.91	4.0	4.0	0.5	37.1	<0.01	0.29	1.5
ZZ34842		0.21	137.5	1730	15.5	5.8	0.001	0.11	2.07	2.6	4.7	0.4	39.4	<0.01	0.19	1.2
ZZ34843		0.30	77.6	2030	14.6	7.4	0.001	0.05	2.01	2.9	3.1	0.4	83.4	<0.01	0.20	2.0
ZZ34844		<0.05	57.8	560	15.7	8.3	0.012	0.09	0.98	4.1	3.1	0.4	110.5	<0.01	0.15	2.2
ZZ34845		<0.05	36.8	4500	36.9	14.0	0.001	0.20	1.23	8.4	7.5	0.6	805	0.01	0.20	9.4
ZZ34846		0.15	118.5	1360	16.5	7.2	0.001	0.07	2.11	4.4	1.7	0.5	69.5	<0.01	0.39	5.0
ZZ34847		<0.05	8.1	>10000	28.3	43.9	0.033	2.93	1.30	14.6	11.7	0.7	170.0	<0.01	0.35	4.8
ZZ34848		0.22	170.5	1320	26.7	6.1	0.002	0.08	2.55	8.1	3.9	0.6	25.9	<0.01	0.15	2.7
ZZ34849		0.19	186.5	1450	21.0	8.5	0.002	0.09	1.94	6.2	2.4	0.5	26.5	<0.01	0.18	3.1
ZZ34850		0.06	40.2	990	14.5	12.2	0.006	0.19	0.71	4.0	3.0	0.4	31.4	<0.01	0.09	2.5
ZZ34851		0.13	61.3	1290	15.4	12.2	0.003	0.15	1.00	4.9	3.2	0.4	37.4	<0.01	0.11	2.4
ZZ34852		<0.05	85.0	780	10.4	6.4	0.005	0.07	1.59	5.5	3.3	0.3	71.6	<0.01	0.10	3.2
ZZ34853		<0.05	109.0	1020	9.6	5.2	0.005	0.09	2.07	4.5	5.6	0.4	56.4	<0.01	0.22	2.4
ZZ34854		0.26	63.4	2420	17.5	7.1	0.002	0.17	1.41	3.0	4.0	0.4	52.2	<0.01	0.21	1.0
ZZ34855		0.23	97.1	2270	18.5	6.5	0.001	0.15	1.78	2.9	5.6	0.5	43.9	<0.01	0.20	1.3
ZZ34856		0.15	45.9	1310	11.8	3.9	0.001	0.17	0.88	1.6	2.3	0.3	108.0	<0.01	0.21	0.8
ZZ34857		0.36	29.8	210	25.1	17.0	<0.001	0.07	0.43	5.0	0.4	1.2	22.9	<0.01	0.03	7.4
ZZ34858		0.28	96.0	2540	21.9	12.1	0.002	0.05	4.33	6.4	4.0	0.7	42.5	<0.01	0.08	3.6
ZZ34859		0.07	125.5	1010	12.2	5.9	0.006	0.05	13.45	3.1	12.8	0.5	195.5	<0.01	0.13	3.5
ZZ34860		0.18	91.6	1680	18.0	9.2	0.003	0.08	5.12	3.9	4.1	0.4	81.7	<0.01	0.09	5.2
ZZ34861		0.20	45.7	2640	26.6	10.8	0.001	0.26	5.94	3.0	4.8	0.6	62.5	<0.01	0.11	1.9
ZZ34862		0.12	73.0	1560	18.5	10.1	0.001	0.06	4.15	3.1	3.0	0.4	45.4	<0.01	0.09	2.5
ZZ34863		0.14	55.6	1790	19.0	10.7	0.003	0.06	4.94	2.6	3.3	0.4	30.1	<0.01	0.11	2.3
ZZ34864		0.14	38.5	1790	17.4	11.8	0.002	0.28	4.92	3.8	4.0	0.4	32.0	<0.01	0.09	2.9
ZZ34865		0.14	62.5	1900	19.8	10.2	0.005	0.15	6.13	7.1	6.8	0.4	23.4	<0.01	0.10	7.8

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ALS Minerals

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Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ34826		<0.005	0.21	6.34	77	<0.05	39.1	444	5.6
ZZ34827		<0.005	0.14	4.01	51	0.05	31.7	254	2.3
ZZ34828		<0.005	0.24	3.77	56	<0.05	27.3	294	1.1
ZZ34829		<0.005	0.18	2.86	62	<0.05	29.7	261	4.6
ZZ34830		<0.005	0.11	1.66	23	<0.05	18.45	216	1.4
ZZ34831		<0.005	0.93	12.50	797	0.31	54.3	911	0.6
ZZ34832		<0.005	0.52	5.63	379	0.12	34.6	1040	2.2
ZZ34833		<0.005	0.46	3.02	77	<0.05	40.4	419	2.9
ZZ34834		<0.005	0.65	5.23	160	0.05	43.0	1040	3.2
ZZ34835		<0.005	2.20	4.82	132	0.06	12.45	179	1.7
ZZ34836		<0.005	2.57	6.10	239	0.06	12.15	223	1.5
ZZ34837		<0.005	0.23	1.62	62	0.10	8.50	129	1.3
ZZ34838		<0.005	0.25	4.73	62	0.09	41.9	312	2.7
ZZ34839		<0.005	0.18	2.01	61	0.11	11.85	132	1.1
ZZ34840		<0.005	0.28	2.31	79	0.11	11.20	81	4.0
ZZ34841		0.006	0.42	2.58	108	0.13	49.5	701	3.4
ZZ34842		0.006	0.41	2.84	62	0.12	38.8	357	2.1
ZZ34843		0.011	0.21	2.80	52	0.12	36.9	317	2.7
ZZ34844		<0.005	0.13	1.15	31	<0.05	16.85	201	3.6
ZZ34845		<0.005	0.41	5.92	41	<0.05	133.5	139	5.0
ZZ34846		<0.005	0.15	2.81	60	0.06	21.9	405	2.7
ZZ34847		<0.005	0.69	1.66	85	<0.05	27.3	97	3.6
ZZ34848		0.005	0.22	3.55	71	0.10	33.6	543	2.1
ZZ34849		<0.005	0.36	2.96	62	0.08	33.6	653	2.5
ZZ34850		<0.005	0.14	2.25	33	<0.05	16.00	169	0.9
ZZ34851		<0.005	0.17	3.09	46	0.06	25.2	242	1.5
ZZ34852		<0.005	0.15	5.55	26	<0.05	24.8	270	6.1
ZZ34853		<0.005	0.17	3.54	62	0.08	28.9	290	3.0
ZZ34854		0.010	0.20	3.49	49	0.09	44.5	330	2.2
ZZ34855		0.005	0.22	2.06	55	0.12	44.3	376	3.6
ZZ34856		0.005	0.14	1.85	29	0.07	29.1	257	2.5
ZZ34857		0.017	0.10	1.09	32	0.32	7.95	76	1.8
ZZ34858		0.006	0.31	3.34	252	0.06	26.3	465	2.6
ZZ34859		<0.005	0.35	7.34	669	0.16	34.6	1120	8.5
ZZ34860		<0.005	0.49	3.24	89	0.07	23.6	519	1.8
ZZ34861		0.007	0.80	2.97	116	0.10	5.69	302	0.5
ZZ34862		<0.005	0.52	2.59	60	0.05	22.4	433	0.5
ZZ34863		<0.005	0.37	2.54	72	0.05	17.55	408	<0.5
ZZ34864		<0.005	0.58	2.58	96	0.05	9.62	277	0.5
ZZ34865		<0.005	0.48	4.08	77	<0.05	30.9	475	2.9

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ34866	0.45	0.012	1.88	0.64	28.0	<0.2	<10	290	0.85	0.22	0.08	2.18	23.3	12.9	20
ZZ34867	0.43	0.012	4.91	0.99	55.6	<0.2	10	60	0.90	0.29	0.42	6.15	20.4	4.4	49
ZZ34868	0.39	0.019	1.18	1.42	11.4	<0.2	<10	860	0.53	0.32	0.08	0.28	12.70	3.3	23
ZZ34869	0.41	0.012	1.17	0.48	13.7	<0.2	<10	770	0.48	0.18	4.65	1.40	10.50	6.8	21
ZZ34870	0.42	0.011	1.99	0.75	13.1	<0.2	<10	780	0.75	0.21	1.41	1.06	13.55	5.3	26
ZZ34871	0.29	<0.001	0.23	0.71	36	<0.2	<10	320	0.46	0.13	19.25	1.39	9.97	12.9	21
ZZ34872	0.47	0.003	0.33	2.33	15	<0.2	<10	410	0.98	0.18	17.95	4.13	18.45	11.7	41
ZZ34873	0.41	0.005	1.35	0.75	16.1	<0.2	<10	600	0.62	0.23	2.58	1.93	14.95	9.6	40
ZZ34874	0.38	0.005	1.01	1.02	11.3	<0.2	10	1580	0.79	0.21	1.79	1.24	14.70	9.1	51
ZZ34875	0.37	0.003	0.34	1.55	9.8	<0.2	<10	380	0.81	0.23	5.33	2.58	25.2	11.5	31
ZZ34876	0.43	0.006	1.54	0.83	17.6	<0.2	<10	1190	0.69	0.22	0.44	1.06	11.50	5.7	31
ZZ34877	0.39	0.030	2.42	0.63	19.5	<0.2	<10	1440	0.66	0.16	1.35	0.74	8.65	3.9	31
ZZ34878	0.36	0.011	0.30	1.52	11.5	<0.2	<10	1470	1.29	0.29	0.53	1.53	9.95	3.7	30
ZZ34879	0.34	0.005	1.41	1.13	13.2	<0.2	<10	1150	0.84	0.21	1.42	1.91	17.80	5.8	32
ZZ34880	0.43	0.006	1.79	0.91	20.5	<0.2	<10	1910	0.75	0.22	0.64	1.54	14.05	6.1	28
ZZ34881	0.29	0.004	0.35	0.74	9.1	<0.2	<10	970	0.63	0.20	0.78	1.10	11.20	3.8	11
ZZ34882	0.36	0.005	0.72	0.82	13.3	<0.2	<10	2510	0.80	0.22	0.39	2.53	20.4	9.6	15
ZZ34883	0.40	0.006	0.93	0.74	12.2	<0.2	<10	1970	0.70	0.19	0.37	3.79	23.3	10.4	18
ZZ34884	0.33	0.011	0.82	0.64	11.0	<0.2	<10	1160	0.60	0.22	0.53	1.83	22.1	9.3	12
ZZ34885	0.42	0.009	0.68	0.76	15.8	<0.2	<10	550	0.57	0.25	0.04	0.65	20.3	10.5	12
ZZ34886	0.42	0.011	1.21	0.55	14.9	<0.2	<10	2750	0.78	0.22	0.31	5.86	24.5	13.5	11
ZZ34887	0.43	0.008	0.63	0.68	15.6	<0.2	<10	480	0.83	0.24	0.16	1.94	17.75	16.3	13
ZZ34888	0.38	0.005	4.08	0.68	32	<0.2	10	560	1.33	0.15	10.05	15.35	35.2	10.4	69
ZZ34889	0.37	<0.001	0.04	1.40	7.1	<0.2	<10	360	1.84	0.34	0.71	0.06	12.30	17.2	31
ZZ34890	0.36	0.002	0.06	0.98	5	<0.2	<10	150	1.81	0.16	11.95	0.25	23.1	15.7	16
ZZ34891	0.35	0.005	0.09	0.97	6.8	<0.2	<10	450	0.81	0.23	1.44	0.23	20.1	7.6	16
ZZ34892	0.35	0.001	0.10	1.54	5.5	<0.2	<10	370	1.01	0.34	0.35	1.72	10.40	9.8	20
ZZ34893	0.35	0.002	0.75	0.78	20.1	<0.2	<10	230	0.96	0.25	0.14	3.29	20.8	13.3	12
ZZ34894	0.28	0.005	0.82	1.68	14.7	<0.2	<10	580	1.12	0.18	0.85	5.73	44.6	7.8	34
ZZ34895	0.45	0.024	0.70	1.09	12.5	<0.2	<10	1200	0.62	0.22	0.21	1.35	24.2	12.3	17
ZZ34896	0.30	0.008	0.59	2.71	14.4	<0.2	<10	340	1.27	0.33	0.18	0.86	37.4	26.6	34
ZZ34897	0.44	0.013	0.68	0.50	12.6	<0.2	<10	1190	0.51	0.19	0.27	2.67	33.7	15.1	7
ZZ34898	0.32	0.010	0.49	1.30	11.2	<0.2	<10	540	0.71	0.24	0.18	0.88	25.9	10.3	19
ZZ34899	0.38	0.008	0.17	0.51	13.3	<0.2	<10	400	0.54	0.23	0.12	0.68	13.00	7.8	6
ZZ34900	0.42	0.011	0.92	0.61	11.3	<0.2	<10	1660	0.49	0.25	0.26	1.99	22.6	11.3	8
ZZ34901	0.40	0.005	0.69	0.82	15.3	<0.2	<10	730	0.48	0.26	0.01	0.44	23.8	9.1	17
ZZ34902	0.42	0.006	0.74	1.03	11.8	<0.2	<10	750	0.69	0.25	0.05	1.10	22.0	8.9	15
ZZ34903	0.28	0.004	0.34	1.62	10.7	<0.2	<10	580	0.86	0.29	2.45	4.03	26.8	14.3	32
ZZ34904	0.47	0.005	0.24	0.83	14	<0.2	<10	380	0.45	0.17	11.00	1.41	19.55	13.2	20
ZZ34905	0.40	0.003	0.25	0.64	15	<0.2	<10	270	0.39	0.19	11.25	1.33	13.60	10.1	16

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ34866		1.94	130.0	5.03	2.21	0.11	0.04	0.21	0.061	0.34	8.7	1.9	0.04	279	16.20	0.03
ZZ34867		0.99	84.4	5.71	3.44	0.15	0.02	0.21	0.074	0.61	11.1	5.6	0.08	124	34.5	0.08
ZZ34868		0.95	72.6	3.52	3.46	<0.05	0.03	0.08	0.073	0.18	7.0	6.9	0.16	100	1.80	0.03
ZZ34869		0.44	44.7	2.18	1.35	0.05	0.03	0.17	0.028	0.10	7.4	2.7	0.10	217	5.00	0.01
ZZ34870		0.32	40.2	2.19	1.88	0.08	0.04	0.22	0.031	0.08	11.2	4.0	0.13	187	4.74	0.01
ZZ34871		0.36	19.6	5.97	1.67	0.06	0.08	0.18	0.021	0.05	9.8	4.7	0.17	671	5.60	0.01
ZZ34872		0.55	40.5	1.99	2.28	0.08	0.10	0.09	0.026	0.06	19.0	7.9	0.30	823	3.05	0.01
ZZ34873		0.34	57.0	3.11	2.06	0.09	0.04	0.23	0.041	0.08	14.0	5.3	0.12	274	9.28	0.01
ZZ34874		0.39	90.1	2.76	1.84	0.08	0.12	0.10	0.040	0.12	15.4	7.6	0.11	206	5.54	<0.01
ZZ34875		0.49	31.6	2.60	3.21	0.07	0.04	0.07	0.029	0.07	24.3	9.6	0.31	1080	3.99	0.01
ZZ34876		0.60	39.2	2.80	2.23	0.05	0.04	0.07	0.038	0.08	7.5	4.7	0.09	159	11.50	0.01
ZZ34877		0.36	42.3	2.28	1.63	0.07	0.06	0.13	0.029	0.07	8.9	3.2	0.08	115	6.43	0.01
ZZ34878		1.16	82.1	11.15	2.57	0.05	0.04	0.04	0.047	0.10	7.6	3.1	0.06	83	3.88	<0.01
ZZ34879		0.38	38.8	2.55	2.67	0.08	0.06	0.15	0.035	0.10	21.9	6.0	0.18	342	4.63	0.01
ZZ34880		0.56	40.7	2.52	2.23	0.07	0.04	0.11	0.039	0.12	10.1	4.3	0.16	257	8.04	<0.01
ZZ34881		0.43	52.3	2.08	2.12	<0.05	0.05	0.06	0.038	0.11	7.2	2.8	0.06	248	3.44	0.01
ZZ34882		0.58	65.8	2.40	2.24	0.07	0.03	0.05	0.040	0.13	9.8	3.4	0.07	196	5.47	<0.01
ZZ34883		0.62	63.8	2.86	2.09	0.08	0.02	0.07	0.034	0.13	12.4	4.3	0.11	382	6.14	<0.01
ZZ34884		0.98	72.7	2.54	2.11	0.06	0.03	0.17	0.039	0.14	10.2	4.1	0.10	285	5.26	0.01
ZZ34885		1.32	89.5	3.95	2.62	0.06	0.02	0.16	0.045	0.20	8.8	3.5	0.06	281	9.66	0.02
ZZ34886		1.15	97.8	2.90	2.16	0.09	0.02	0.27	0.045	0.17	9.0	2.0	0.05	359	7.26	<0.01
ZZ34887		2.31	87.1	2.76	2.35	0.07	0.02	0.12	0.040	0.15	7.7	2.1	0.05	258	8.59	0.01
ZZ34888		1.63	99.7	1.63	2.92	0.12	0.04	0.52	0.023	0.15	44.3	5.4	0.41	257	27.9	0.01
ZZ34889		2.01	20.4	4.11	4.24	<0.05	0.06	0.04	0.035	0.14	5.3	17.9	0.35	875	1.34	0.01
ZZ34890		1.24	16.1	3.29	2.51	0.06	0.12	0.04	0.045	0.17	8.7	17.0	0.69	344	1.17	0.01
ZZ34891		0.71	15.7	2.32	3.38	<0.05	0.08	0.03	0.025	0.13	8.1	8.3	0.16	371	1.51	0.01
ZZ34892		1.98	17.8	2.71	4.38	<0.05	0.06	0.04	0.030	0.18	4.3	29.7	0.45	655	0.83	<0.01
ZZ34893		1.10	69.9	2.52	2.31	0.06	0.03	0.04	0.037	0.12	8.7	8.1	0.19	324	17.15	<0.01
ZZ34894		1.10	30.3	2.50	3.69	0.07	0.02	0.17	0.036	0.05	21.4	7.8	0.18	266	7.13	<0.01
ZZ34895		1.21	68.0	2.80	2.38	0.07	0.03	0.14	0.041	0.15	10.2	6.9	0.17	413	5.73	0.01
ZZ34896		1.75	153.5	3.86	5.77	0.08	0.06	0.15	0.047	0.12	17.9	21.3	0.54	848	4.86	0.01
ZZ34897		1.49	94.5	2.90	1.60	0.09	<0.02	0.26	0.039	0.14	13.8	1.5	0.04	396	8.08	0.01
ZZ34898		1.22	58.7	2.95	3.14	0.05	0.04	0.14	0.039	0.13	10.1	10.4	0.23	338	4.66	0.01
ZZ34899		0.71	76.0	2.82	1.31	0.05	0.02	0.09	0.039	0.12	5.5	1.3	0.03	179	9.92	<0.01
ZZ34900		0.83	88.5	2.37	1.67	0.07	0.02	0.12	0.044	0.16	8.9	2.9	0.07	220	6.08	<0.01
ZZ34901		1.01	62.7	4.40	2.99	0.06	0.03	0.09	0.050	0.27	9.8	2.8	0.07	346	10.25	0.02
ZZ34902		0.95	54.1	2.80	2.82	0.07	0.02	0.09	0.041	0.17	9.1	4.7	0.09	269	5.28	0.01
ZZ34903		0.52	32.8	2.71	3.82	0.08	0.07	0.15	0.040	0.08	33.9	7.8	0.26	1710	2.15	0.01
ZZ34904		0.51	24.4	2.02	2.39	0.05	0.03	0.07	0.021	0.06	14.0	7.8	0.27	545	2.06	0.01
ZZ34905		0.41	28.3	2.07	1.78	<0.05	0.04	0.05	0.018	0.05	11.3	5.9	0.20	347	1.75	0.01

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CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ34866		0.13	73.0	2790	24.0	15.0	0.005	0.71	7.65	7.9	8.5	0.5	85.3	<0.01	0.14	7.7
ZZ34867		0.14	68.6	5330	24.0	28.2	0.007	1.38	6.91	4.3	24.5	0.7	234	<0.01	0.26	2.3
ZZ34868		0.34	17.4	1250	17.7	18.8	0.001	0.37	0.84	3.5	2.9	0.5	40.1	<0.01	0.26	0.8
ZZ34869		0.13	82.9	1510	10.8	5.5	0.002	0.13	1.47	2.2	6.2	0.3	62.2	<0.01	0.18	0.9
ZZ34870		0.22	71.4	1480	11.8	4.6	0.001	0.14	1.43	2.6	7.3	0.4	30.6	<0.01	0.15	0.7
ZZ34871		0.24	100.5	1450	8.4	4.3	0.001	0.14	2.14	2.3	4.6	0.3	76.3	<0.01	0.12	0.6
ZZ34872		0.50	98.5	2050	11.3	5.8	0.001	0.06	1.16	4.3	3.4	0.3	143.5	0.01	0.14	1.6
ZZ34873		0.19	91.2	2330	15.5	5.3	0.003	0.10	1.92	2.1	8.6	0.4	59.6	<0.01	0.17	0.7
ZZ34874		0.18	79.9	1500	12.8	5.9	0.001	0.09	1.37	3.8	5.0	0.4	40.7	<0.01	0.16	1.8
ZZ34875		0.40	45.2	2570	14.4	8.7	0.001	0.16	1.05	1.4	2.8	0.4	73.0	0.01	0.08	0.4
ZZ34876		0.12	71.4	1600	11.9	9.4	0.003	0.06	1.23	3.4	5.7	0.5	39.9	<0.01	0.10	0.7
ZZ34877		0.12	83.5	1660	8.9	5.7	0.002	0.10	1.37	3.3	6.1	0.4	45.7	<0.01	0.15	0.9
ZZ34878		0.11	43.7	2340	13.6	13.4	0.001	0.09	0.71	2.3	2.1	0.4	50.5	<0.01	0.83	0.7
ZZ34879		0.29	54.9	2440	12.8	8.6	0.001	0.15	1.49	2.8	4.5	0.4	52.7	<0.01	0.12	0.9
ZZ34880		0.12	60.2	1290	13.1	10.7	0.002	0.17	1.79	3.7	5.1	0.4	45.5	<0.01	0.15	1.3
ZZ34881		0.15	36.3	1670	11.1	10.6	0.001	0.04	1.92	1.7	1.9	0.4	14.9	<0.01	0.07	1.3
ZZ34882		0.16	65.1	1420	13.9	10.6	0.002	0.09	2.61	3.4	3.6	0.4	45.8	<0.01	0.10	2.8
ZZ34883		0.24	70.5	1740	12.8	9.0	0.002	0.11	2.86	3.8	4.0	0.4	64.0	<0.01	0.09	3.6
ZZ34884		0.17	67.7	1670	16.5	10.6	0.002	0.08	2.99	2.6	3.4	0.4	49.3	<0.01	0.09	1.7
ZZ34885		0.16	54.0	2380	28.6	13.9	0.002	0.35	4.85	1.5	5.5	0.5	97.4	<0.01	0.10	1.2
ZZ34886		0.13	107.5	1710	19.1	11.7	0.003	0.14	5.11	4.3	7.3	0.5	98.9	<0.01	0.11	4.2
ZZ34887		0.13	91.2	1530	22.8	13.9	0.005	0.14	4.74	4.0	8.2	0.5	89.1	<0.01	0.11	2.2
ZZ34888		0.14	144.5	3940	11.6	11.5	0.006	0.08	12.50	2.9	11.8	0.6	239	<0.01	0.17	0.9
ZZ34889		0.86	27.7	680	24.5	19.1	<0.001	0.07	0.45	4.0	0.9	0.9	36.6	<0.01	0.04	2.2
ZZ34890		0.13	39.1	750	10.6	12.5	0.001	0.04	0.19	7.1	0.9	0.5	370	<0.01	<0.01	5.0
ZZ34891		0.36	16.6	970	21.5	12.8	<0.001	0.12	0.50	1.6	0.8	0.5	43.8	<0.01	0.05	0.8
ZZ34892		0.26	40.7	700	13.6	21.9	0.001	0.04	0.36	2.4	0.7	0.5	14.7	<0.01	0.02	1.3
ZZ34893		0.12	64.5	630	18.4	10.7	0.003	0.02	5.89	3.7	4.8	0.3	23.3	<0.01	0.08	3.1
ZZ34894		0.44	83.2	1100	10.7	10.5	0.006	0.10	4.54	1.8	5.6	0.5	27.9	<0.01	0.06	0.5
ZZ34895		0.34	67.7	1850	18.1	11.1	0.001	0.08	3.48	2.8	4.1	0.4	38.3	<0.01	0.08	2.8
ZZ34896		1.06	53.7	1940	17.7	14.6	0.001	0.14	2.28	2.8	6.0	0.6	32.7	<0.01	0.07	1.8
ZZ34897		0.13	78.6	1970	17.7	9.7	0.003	0.02	4.07	4.2	5.6	0.4	37.8	<0.01	0.09	6.2
ZZ34898		0.32	50.1	1690	16.9	13.2	0.001	0.07	2.51	1.8	2.9	0.5	31.0	<0.01	0.08	1.5
ZZ34899		0.12	50.4	1580	19.3	8.7	0.002	0.02	4.14	2.2	2.8	0.3	15.5	<0.01	0.08	2.1
ZZ34900		0.10	62.3	1550	19.5	9.0	0.002	0.05	3.33	2.6	3.2	0.4	39.8	<0.01	0.09	2.6
ZZ34901		0.15	41.7	2210	23.5	15.8	0.001	0.49	3.74	1.1	4.3	0.6	68.5	<0.01	0.10	0.9
ZZ34902		0.20	44.0	1660	17.9	13.6	0.001	0.19	2.76	0.8	2.9	0.5	31.9	<0.01	0.09	0.5
ZZ34903		0.33	50.1	2810	18.3	8.4	<0.001	0.16	1.15	2.5	2.7	0.5	33.3	0.01	0.16	0.8
ZZ34904		0.37	60.0	1490	10.0	5.2	<0.001	0.04	1.05	2.5	1.7	0.3	69.9	<0.01	0.08	1.2
ZZ34905		0.26	41.8	1390	11.2	4.4	<0.001	0.03	1.08	2.7	2.2	0.3	76.7	<0.01	0.14	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ34866		<0.005	1.16	6.07	149	0.05	23.3	431	2.6
ZZ34867		0.005	2.53	10.40	318	0.11	22.6	349	0.9
ZZ34868		0.009	0.14	1.28	62	0.18	6.82	79	0.7
ZZ34869		<0.005	0.20	2.71	47	0.07	26.7	305	1.0
ZZ34870		0.006	0.15	2.76	61	0.09	41.5	243	1.3
ZZ34871		0.010	0.17	2.08	60	0.07	36.4	263	2.6
ZZ34872		0.022	0.27	9.08	50	0.13	78.3	346	2.7
ZZ34873		0.005	0.23	6.97	59	0.11	37.3	344	1.3
ZZ34874		<0.005	0.20	5.25	58	0.09	50.0	317	3.3
ZZ34875		0.012	0.12	2.11	65	0.16	46.2	226	1.0
ZZ34876		<0.005	0.21	5.59	67	0.09	25.3	253	1.0
ZZ34877		<0.005	0.17	2.82	67	0.07	35.4	257	2.2
ZZ34878		<0.005	0.21	2.04	257	0.08	11.25	468	1.2
ZZ34879		0.008	0.23	3.12	71	0.11	47.4	244	1.9
ZZ34880		<0.005	0.44	2.41	93	0.07	25.7	217	1.2
ZZ34881		<0.005	0.27	2.19	67	0.05	12.10	328	1.2
ZZ34882		<0.005	0.31	3.03	89	0.05	27.7	432	0.7
ZZ34883		0.009	0.33	3.01	80	0.08	30.7	393	0.5
ZZ34884		0.005	0.39	2.48	70	0.08	20.1	446	0.7
ZZ34885		0.005	0.74	2.58	82	0.07	9.81	369	0.6
ZZ34886		<0.005	0.48	4.29	99	0.05	38.9	814	0.6
ZZ34887		<0.005	0.41	4.20	111	0.05	21.3	729	<0.5
ZZ34888		0.005	0.25	10.00	749	0.18	66.8	1140	1.5
ZZ34889		0.011	0.15	1.02	50	0.35	9.36	63	1.9
ZZ34890		<0.005	0.17	0.74	23	<0.05	9.43	180	10.0
ZZ34891		0.005	0.13	0.75	34	0.05	5.89	66	2.7
ZZ34892		0.005	0.16	1.88	87	<0.05	3.41	245	1.4
ZZ34893		<0.005	0.31	2.60	66	<0.05	13.80	604	1.7
ZZ34894		0.012	0.41	2.95	333	0.13	32.6	717	0.7
ZZ34895		0.010	0.53	3.60	73	0.08	16.15	395	0.8
ZZ34896		0.022	0.52	3.49	92	0.23	19.00	361	1.4
ZZ34897		<0.005	0.36	4.20	63	0.05	26.7	467	<0.5
ZZ34898		0.008	0.41	2.09	75	0.11	11.10	306	1.1
ZZ34899		<0.005	0.19	1.67	42	<0.05	9.20	371	<0.5
ZZ34900		<0.005	0.31	2.35	51	0.05	22.7	403	<0.5
ZZ34901		0.005	0.71	2.30	120	0.06	6.87	283	1.0
ZZ34902		0.005	0.44	2.16	84	0.06	13.15	290	<0.5
ZZ34903		0.010	0.18	1.77	71	0.09	67.1	298	1.8
ZZ34904		0.019	0.14	1.78	42	0.36	23.4	198	1.1
ZZ34905		0.011	0.09	1.54	34	0.09	25.1	191	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ34906		0.45	0.002	0.15	1.06	7	<0.2	10	480	0.65	0.21	13.05	3.47	18.15	11.0	29
ZZ34907		0.38	0.004	0.15	1.30	12.4	<0.2	10	410	0.70	0.26	3.11	2.52	23.1	15.1	29
ZZ34908		0.49	0.015	0.03	0.43	6	<0.2	10	230	0.44	0.16	20.4	4.15	15.70	8.9	15
ZZ34909		0.44	0.002	0.05	0.67	10	<0.2	10	620	0.65	0.24	16.85	2.34	16.85	13.0	18
ZZ34910		0.29	0.003	0.15	1.93	12.9	<0.2	<10	260	0.74	0.28	0.92	1.60	36.4	11.2	36

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CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ34906		0.50	26.4	1.72	2.46	0.07	0.06	0.05	0.028	0.07	29.1	6.3	0.21	1180	1.78	0.01
ZZ34907		1.23	35.6	2.68	3.52	0.06	0.05	0.09	0.032	0.11	16.2	11.6	0.35	696	1.18	0.01
ZZ34908		0.48	26.2	1.47	1.39	0.05	0.03	0.09	0.019	0.09	11.3	3.3	0.12	663	0.42	0.01
ZZ34909		0.42	30.0	2.12	1.95	<0.05	0.06	0.07	0.025	0.08	10.3	5.8	0.15	661	0.68	<0.01
ZZ34910		1.19	18.7	2.95	4.81	0.06	0.03	0.09	0.031	0.05	20.9	14.6	0.47	557	1.44	0.01

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Finalized Date: 24-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ34906		0.18	41.5	3320	12.6	7.8	0.001	0.11	0.88	1.5	2.3	0.4	85.3	<0.01	0.12	0.5
ZZ34907		0.52	111.5	2360	14.1	9.8	0.001	0.05	1.34	3.2	1.1	0.5	33.9	<0.01	0.19	1.7
ZZ34908		0.23	141.0	2810	9.2	5.1	<0.001	0.07	0.88	2.2	1.0	0.3	82.9	<0.01	0.13	1.5
ZZ34909		0.22	150.5	1690	12.7	5.8	<0.001	0.09	1.07	2.3	0.9	0.3	71.9	<0.01	0.22	1.3
ZZ34910		0.75	42.1	1450	14.8	7.9	<0.001	0.06	1.03	2.8	1.7	0.5	24.4	<0.01	0.12	1.1

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Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ34906		0.007	0.12	4.62	55	0.06	59.9	269	1.7
ZZ34907		0.017	0.21	2.93	56	0.16	30.5	430	1.6
ZZ34908		0.005	0.38	2.44	32	0.09	29.8	411	1.2
ZZ34909		<0.005	0.24	2.76	43	0.07	23.6	522	2.2
ZZ34910		0.023	0.15	3.54	60	0.23	32.5	186	0.7

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Finalized Date: 24-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128448

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method:	ME-MS41
	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method:	ME-MS41

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

CERTIFICATE WH13128449

Project: Nadaleen

P.O. No.: SO13-07

This report is for 157 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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ALS Minerals

To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30814		0.19	0.005	1.02	0.57	27.8	<0.2	10	1170	0.89	0.22	3.14	3.12	21.3	7.6	23
ZZ30815		0.39	0.006	1.72	0.59	22.9	<0.2	10	1360	0.70	0.19	0.92	0.94	6.08	5.9	29
ZZ30816		0.37	0.007	2.50	0.42	25.2	<0.2	10	1210	0.59	0.18	1.34	1.16	4.49	4.9	29
ZZ30817		0.33	0.011	3.24	0.48	39.7	<0.2	10	1590	0.73	0.21	1.39	2.31	7.38	9.2	36
ZZ30818		0.19	0.002	1.90	0.56	22.9	<0.2	10	1340	0.65	0.16	2.24	1.47	10.15	6.4	32
ZZ30819		0.24	0.008	3.13	0.41	24.6	<0.2	10	850	0.51	0.18	1.14	1.21	7.34	5.2	25
ZZ30820		0.19	0.006	1.03	0.44	36.0	<0.2	10	430	0.42	0.29	4.88	1.66	8.94	11.0	13
ZZ30821		0.22	0.003	0.60	0.72	29.5	<0.2	10	360	0.50	0.21	3.28	1.63	15.85	9.2	18
ZZ30822		0.15	0.003	0.22	0.96	22.2	<0.2	10	320	0.58	0.32	5.98	3.40	20.4	9.9	17
ZZ30823		0.25	0.002	0.93	0.56	51.2	<0.2	10	370	0.46	0.24	2.13	1.55	14.50	10.7	18
ZZ30824		0.19	0.005	1.56	0.59	45.5	<0.2	10	430	0.69	0.19	2.96	1.08	8.66	5.9	19
ZZ30825		0.36	0.004	1.37	0.53	24.3	<0.2	<10	1260	0.82	0.27	0.52	0.45	5.02	11.9	16
ZZ30826		0.11	0.006	0.25	0.43	18.9	<0.2	10	300	0.27	0.11	4.98	1.30	6.49	3.0	9
ZZ30827		0.18	0.006	1.06	0.52	94.4	<0.2	10	420	0.58	0.24	2.55	1.65	7.81	10.2	18
ZZ30828		0.36	0.008	1.55	0.34	18.4	<0.2	10	1220	0.55	0.20	0.66	0.72	3.13	5.3	17
ZZ30829		0.09	0.003	0.13	0.91	12.9	<0.2	<10	310	0.34	0.17	3.95	1.59	10.80	5.9	12
ZZ30830		0.29	0.008	3.01	0.48	15.5	<0.2	10	840	0.53	0.18	1.96	0.80	6.86	3.3	25
ZZ30831		0.15	0.006	0.94	0.33	13.8	<0.2	10	1410	0.46	0.16	1.29	0.61	3.00	4.8	17
ZZ30832		0.38	0.006	0.70	0.51	16.1	<0.2	<10	440	0.21	0.22	0.03	0.11	4.73	3.1	19
ZZ30833		0.24	0.006	1.69	0.60	24.7	<0.2	10	1010	0.62	0.20	1.80	1.33	7.43	6.0	38
ZZ30834		0.34	0.009	1.82	0.45	28.7	<0.2	10	1310	0.63	0.21	0.93	1.08	3.99	6.5	27
ZZ30835		0.38	0.003	0.81	0.78	9.5	<0.2	10	1400	0.89	0.28	1.24	0.66	13.20	10.6	18
ZZ30836		0.30	0.005	0.24	0.94	71.0	<0.2	10	790	0.69	0.33	4.85	3.88	21.8	11.2	33
ZZ30837		0.53	0.003	0.88	0.84	26.3	<0.2	10	410	0.59	0.41	9.79	3.49	19.95	15.9	26
ZZ30838		0.63	0.002	0.47	0.49	21	<0.2	10	280	0.34	0.23	22.0	2.99	13.20	9.2	16
ZZ30839		0.10	0.005	0.14	0.65	4.7	<0.2	10	500	0.27	0.13	4.41	1.19	7.21	3.5	10
ZZ30840		0.23	0.005	0.45	1.06	109.5	<0.2	10	880	0.66	0.24	4.12	1.35	20.1	9.9	29
ZZ30841		0.21	0.003	0.90	0.31	10.8	<0.2	10	590	0.33	0.15	1.09	0.46	3.84	3.9	14
ZZ30842		0.16	0.002	1.08	0.45	8.5	<0.2	10	730	0.49	0.14	2.28	0.36	5.69	2.9	16
ZZ30843		0.26	0.005	1.27	0.50	12.2	<0.2	10	940	0.56	0.16	1.07	0.40	6.30	4.4	19
ZZ30844		0.24	0.002	0.58	0.45	10.2	<0.2	<10	620	0.46	0.16	0.94	0.37	5.41	5.9	17
ZZ30845		0.19	0.003	0.68	0.29	9.6	<0.2	<10	610	0.35	0.13	1.19	0.51	5.46	4.0	15
ZZ30846		0.19	0.004	0.74	0.42	13.1	<0.2	<10	570	0.47	0.19	0.74	0.55	7.30	7.4	16
ZZ30847		0.12	0.003	0.19	0.48	4.2	<0.2	10	960	0.28	0.13	4.28	1.80	6.61	4.0	12
ZZ30848		0.14	0.004	0.23	0.47	5.6	<0.2	10	730	0.32	0.14	5.15	3.96	6.99	6.2	12
ZZ30849		0.25	0.007	0.36	0.82	7.2	<0.2	10	1320	0.60	0.19	4.19	2.79	13.80	8.4	18
ZZ30850		0.26	0.004	0.37	0.79	8.3	<0.2	10	1760	0.57	0.22	8.43	2.81	13.65	8.5	18
ZZ30851		0.26	0.002	0.40	0.87	8.7	<0.2	10	920	0.60	0.19	8.32	3.11	13.75	8.8	20
ZZ30852		0.23	0.027	0.43	0.73	9.2	<0.2	10	760	0.46	0.17	7.61	3.43	11.50	7.8	18
ZZ30853		0.27	0.004	0.34	0.67	12.4	<0.2	10	520	0.75	0.21	6.85	1.26	10.60	10.3	34

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30814	0.37	48.6	2.58	1.97	0.05	0.06	0.29	0.031	0.09	12.5	3.7	1.31	226	33.3	0.01
ZZ30815	0.51	53.7	2.76	1.63	<0.05	0.04	0.16	0.031	0.09	3.4	2.7	0.08	160	6.03	0.01
ZZ30816	0.56	62.7	2.48	1.30	0.06	0.05	0.24	0.030	0.10	3.0	1.7	0.04	69	7.06	0.01
ZZ30817	0.83	66.1	3.83	1.42	0.07	0.05	0.31	0.035	0.09	4.2	1.8	0.06	192	10.80	<0.01
ZZ30818	0.35	31.7	2.78	1.45	0.05	0.06	0.17	0.028	0.07	5.4	2.8	0.08	344	5.23	0.01
ZZ30819	0.98	61.2	2.67	1.10	0.07	0.03	0.21	0.031	0.11	5.4	0.9	0.03	84	5.09	0.01
ZZ30820	0.62	29.0	2.41	1.22	0.06	0.06	0.14	0.038	0.06	8.4	2.1	0.06	253	3.58	0.01
ZZ30821	0.54	19.9	2.10	1.96	0.06	0.02	0.09	0.027	0.05	14.2	5.4	0.18	506	3.61	0.01
ZZ30822	0.48	18.7	1.85	2.43	0.09	0.02	0.10	0.033	0.04	31.2	4.5	0.16	851	2.21	0.01
ZZ30823	0.37	25.0	2.44	1.61	0.05	0.04	0.12	0.035	0.06	12.8	3.9	0.12	323	13.05	<0.01
ZZ30824	0.63	40.7	2.14	1.46	0.05	0.06	0.15	0.032	0.07	8.9	2.1	0.08	141	3.40	0.01
ZZ30825	1.01	54.1	3.87	1.34	<0.05	0.04	0.20	0.045	0.11	2.5	4.0	0.04	148	5.85	0.01
ZZ30826	0.23	11.5	0.82	1.02	<0.05	0.03	0.08	0.012	0.05	9.6	1.0	0.08	266	1.58	0.01
ZZ30827	0.81	40.2	2.64	1.33	<0.05	0.05	0.19	0.038	0.07	7.8	1.9	0.08	252	2.94	0.01
ZZ30828	1.39	68.0	2.41	1.13	<0.05	0.05	0.21	0.034	0.12	1.9	0.9	0.02	76	6.19	0.01
ZZ30829	0.48	14.0	1.25	2.03	<0.05	0.03	0.10	0.019	0.03	10.5	2.4	0.11	620	1.25	0.01
ZZ30830	0.65	54.6	1.74	1.38	0.05	0.06	0.27	0.031	0.07	6.4	1.2	0.05	66	2.80	0.01
ZZ30831	0.73	50.6	1.87	0.91	<0.05	0.04	0.19	0.024	0.07	2.1	0.7	0.03	76	3.49	0.01
ZZ30832	1.17	38.6	2.67	2.61	<0.05	<0.02	0.10	0.032	0.10	2.5	0.2	0.02	33	7.81	<0.01
ZZ30833	0.49	46.8	2.85	1.53	0.05	0.08	0.18	0.031	0.08	4.9	2.3	0.34	188	5.86	0.01
ZZ30834	0.86	66.3	3.06	1.36	0.05	0.06	0.22	0.034	0.10	2.6	1.3	0.06	87	8.40	<0.01
ZZ30835	1.05	23.0	2.39	1.84	<0.05	0.13	0.11	0.036	0.17	11.2	4.9	0.08	258	0.84	<0.01
ZZ30836	0.47	27.4	3.00	2.53	0.11	0.09	0.12	0.047	0.09	36.4	7.1	0.22	869	1.07	0.01
ZZ30837	0.99	38.7	2.86	2.59	0.09	0.07	0.11	0.051	0.09	23.8	7.2	0.28	479	6.68	0.01
ZZ30838	0.59	20.0	1.69	1.49	0.07	0.03	0.05	0.029	0.06	19.3	3.5	0.21	497	4.12	0.01
ZZ30839	0.33	14.0	0.76	1.70	<0.05	0.04	0.11	0.014	0.03	11.0	2.0	0.09	365	1.47	0.01
ZZ30840	0.80	21.0	2.27	2.50	0.06	0.05	0.08	0.026	0.09	21.1	7.4	0.24	488	1.47	0.01
ZZ30841	0.50	25.7	1.68	0.95	<0.05	0.05	0.13	0.024	0.08	2.6	1.5	0.05	58	2.93	<0.01
ZZ30842	0.48	50.1	1.66	1.29	0.05	0.07	0.36	0.030	0.08	4.8	3.0	0.15	51	2.51	0.01
ZZ30843	0.59	35.5	1.94	1.39	<0.05	0.07	0.20	0.036	0.07	4.5	3.0	0.08	70	3.55	0.01
ZZ30844	0.48	28.0	2.15	1.24	<0.05	0.06	0.15	0.030	0.09	3.5	2.8	0.06	114	3.77	0.01
ZZ30845	0.52	21.2	1.58	0.88	<0.05	0.05	0.15	0.025	0.07	4.5	1.4	0.04	118	2.68	0.01
ZZ30846	0.56	34.2	2.38	1.30	0.05	0.06	0.20	0.037	0.13	4.9	3.3	0.08	119	4.15	0.01
ZZ30847	0.28	27.0	1.03	1.21	0.05	0.05	0.12	0.021	0.07	8.5	2.3	0.08	257	1.68	0.01
ZZ30848	0.30	17.4	1.08	1.21	<0.05	0.06	0.15	0.021	0.05	8.9	2.5	0.09	465	3.55	0.01
ZZ30849	0.26	24.5	1.74	2.14	0.06	0.04	0.14	0.029	0.07	14.3	5.1	0.15	496	5.14	0.01
ZZ30850	0.31	22.3	1.87	2.06	0.06	0.05	0.08	0.034	0.07	15.0	4.6	0.13	587	3.17	<0.01
ZZ30851	0.37	25.8	1.75	2.16	0.07	0.05	0.09	0.030	0.06	16.1	4.9	0.15	645	4.85	0.01
ZZ30852	0.28	27.5	1.50	1.87	0.05	0.04	0.10	0.024	0.07	13.7	4.0	0.15	594	6.35	0.01
ZZ30853	0.32	36.3	2.33	1.96	0.05	0.11	0.12	0.038	0.11	11.5	3.3	0.10	405	3.12	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30814		0.13	99.3	1250	14.5	5.9	0.002	0.07	4.02	5.2	4.5	0.4	94.5	<0.01	0.09	2.0
ZZ30815		0.09	82.7	1720	12.7	5.7	0.001	0.14	1.73	5.0	6.9	0.4	158.0	<0.01	0.13	0.9
ZZ30816		0.06	103.5	1580	10.4	5.7	0.003	0.21	2.05	5.5	10.0	0.4	200	<0.01	0.09	0.6
ZZ30817		0.09	156.5	2260	13.5	5.9	0.003	0.17	3.07	8.3	12.7	0.4	193.5	<0.01	0.11	1.3
ZZ30818		0.17	69.6	2140	11.7	5.2	0.001	0.25	1.68	3.9	7.2	0.3	211	<0.01	0.08	0.5
ZZ30819		0.05	75.1	2010	10.1	8.1	0.007	0.23	1.86	4.0	12.1	0.3	102.5	<0.01	0.21	1.2
ZZ30820		0.08	58.0	1130	17.4	4.6	0.002	0.15	1.24	2.1	3.4	0.3	67.4	<0.01	0.36	1.2
ZZ30821		0.23	36.0	1340	15.3	5.3	0.001	0.15	0.87	0.8	2.2	0.3	33.0	<0.01	0.17	0.3
ZZ30822		0.23	25.9	2610	18.3	5.7	<0.001	0.25	0.82	0.8	2.3	0.3	51.6	<0.01	0.71	0.2
ZZ30823		0.14	49.7	1060	17.1	4.0	0.002	0.11	1.23	1.3	2.7	0.3	26.3	<0.01	0.22	0.6
ZZ30824		0.12	50.0	2200	11.2	6.4	0.001	0.18	1.33	1.9	3.5	0.3	52.5	<0.01	0.11	0.8
ZZ30825		<0.05	75.4	860	14.9	8.6	0.002	0.17	0.97	5.2	4.5	0.4	60.5	<0.01	0.09	2.1
ZZ30826		0.16	14.7	2320	7.6	2.4	<0.001	0.25	0.41	0.5	1.7	<0.2	44.0	<0.01	0.07	<0.2
ZZ30827		0.10	69.4	1570	26.0	5.0	<0.001	0.12	2.15	2.4	3.6	0.3	39.8	<0.01	0.20	0.6
ZZ30828		<0.05	90.4	1370	10.7	7.7	0.003	0.14	1.48	5.8	6.6	0.4	108.0	<0.01	0.09	1.3
ZZ30829		0.39	13.4	1550	8.7	2.6	<0.001	0.26	0.48	0.9	1.3	0.2	41.4	<0.01	0.09	<0.2
ZZ30830		0.09	57.1	1480	8.8	6.5	0.005	0.19	1.31	3.6	6.1	0.3	80.7	<0.01	0.15	0.9
ZZ30831		0.05	71.1	1180	7.7	5.4	0.002	0.12	1.10	4.3	4.8	0.3	135.5	<0.01	0.06	0.4
ZZ30832		0.17	31.6	1090	11.8	10.7	0.001	0.20	1.75	2.3	3.7	0.5	69.5	<0.01	0.13	0.2
ZZ30833		0.14	75.7	1910	11.6	5.3	0.003	0.21	1.71	4.8	6.7	0.3	167.5	<0.01	0.09	0.6
ZZ30834		0.05	112.5	1510	12.8	7.5	0.002	0.18	2.07	7.1	7.5	0.4	167.0	<0.01	0.12	0.9
ZZ30835		0.14	42.3	660	19.7	10.6	0.004	0.15	0.97	4.2	1.7	0.5	27.3	<0.01	0.12	2.3
ZZ30836		0.29	53.1	2190	32.8	7.2	<0.001	0.14	2.81	4.4	3.0	0.5	50.8	<0.01	0.30	1.6
ZZ30837		0.29	67.9	1790	26.6	7.3	0.001	0.05	1.68	3.9	4.1	0.5	82.4	<0.01	0.49	2.0
ZZ30838		0.18	37.1	1320	14.8	5.1	0.001	0.07	0.99	2.9	2.5	0.3	144.0	<0.01	0.29	1.5
ZZ30839		0.28	12.9	1740	6.4	1.4	<0.001	0.25	0.39	0.7	1.3	0.2	37.0	<0.01	0.09	0.2
ZZ30840		0.26	37.8	1490	24.8	7.5	0.001	0.15	1.94	1.8	2.7	0.4	50.0	<0.01	0.08	0.5
ZZ30841		<0.05	41.5	890	8.1	6.7	0.006	0.12	0.91	3.0	4.1	0.3	34.6	<0.01	0.10	1.2
ZZ30842		0.08	56.7	1030	9.0	7.2	0.012	0.15	0.96	2.6	5.3	0.3	44.0	<0.01	0.11	1.0
ZZ30843		0.05	51.6	790	9.8	7.3	0.007	0.13	1.07	3.8	4.8	0.3	32.7	<0.01	0.12	1.6
ZZ30844		0.06	40.0	890	10.1	9.5	0.004	0.18	0.90	3.1	3.7	0.3	29.7	<0.01	0.08	1.2
ZZ30845		0.07	35.9	940	7.6	7.5	0.004	0.16	0.93	2.2	3.4	0.2	30.7	<0.01	0.10	0.9
ZZ30846		0.05	48.5	1130	11.9	9.5	0.007	0.16	1.14	3.8	5.2	0.3	35.1	<0.01	0.11	1.7
ZZ30847		0.20	21.6	2110	6.7	4.1	0.001	0.25	0.66	1.2	1.6	0.2	40.7	<0.01	0.08	0.5
ZZ30848		0.20	29.9	1540	7.9	5.2	0.001	0.23	0.84	1.1	1.8	0.2	40.2	<0.01	0.12	0.5
ZZ30849		0.28	40.4	1880	11.5	5.7	<0.001	0.22	1.01	1.0	2.1	0.3	36.2	<0.01	0.09	0.4
ZZ30850		0.23	40.1	1670	12.7	6.1	<0.001	0.18	1.15	1.1	2.2	0.3	55.7	<0.01	0.14	0.5
ZZ30851		0.23	36.3	2140	12.1	5.6	0.001	0.21	1.27	0.9	2.6	0.3	57.2	<0.01	0.15	0.4
ZZ30852		0.21	35.2	2910	11.0	4.8	0.002	0.23	1.36	0.8	3.2	0.3	57.5	<0.01	0.11	0.4
ZZ30853		0.23	100.0	1200	17.3	5.8	0.001	0.14	1.54	2.9	2.8	0.5	47.6	<0.01	0.11	1.0

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30814		<0.005	0.56	5.86	150	0.09	30.5	544	1.9
ZZ30815		<0.005	0.17	2.79	66	<0.05	28.5	274	1.5
ZZ30816		<0.005	0.24	2.86	59	<0.05	39.4	328	2.3
ZZ30817		<0.005	0.37	3.18	78	<0.05	51.4	520	2.0
ZZ30818		0.005	0.25	2.57	71	<0.05	38.4	266	2.3
ZZ30819		<0.005	0.28	2.64	52	<0.05	29.6	267	1.1
ZZ30820		<0.005	0.20	1.44	25	<0.05	37.3	294	1.7
ZZ30821		0.007	0.14	0.89	33	0.10	30.2	229	0.5
ZZ30822		0.005	0.12	0.45	32	0.08	57.5	197	<0.5
ZZ30823		<0.005	0.20	1.06	33	0.06	29.0	207	1.1
ZZ30824		<0.005	0.18	1.87	33	<0.05	28.2	199	1.8
ZZ30825		<0.005	0.28	2.15	36	<0.05	21.9	228	1.5
ZZ30826		<0.005	0.06	1.08	15	<0.05	23.1	113	0.8
ZZ30827		<0.005	0.24	1.50	35	<0.05	31.8	341	1.4
ZZ30828		<0.005	0.24	3.03	36	<0.05	24.4	276	2.5
ZZ30829		0.014	0.08	1.29	24	<0.05	19.75	114	1.1
ZZ30830		<0.005	0.17	2.40	39	<0.05	31.4	166	1.9
ZZ30831		<0.005	0.11	2.67	36	<0.05	29.0	220	1.7
ZZ30832		0.005	0.23	1.35	63	0.07	3.61	124	<0.5
ZZ30833		0.006	0.29	3.07	79	<0.05	40.8	289	3.5
ZZ30834		<0.005	0.25	2.93	56	<0.05	31.7	349	2.5
ZZ30835		<0.005	0.22	2.45	23	<0.05	21.5	131	3.6
ZZ30836		0.010	0.16	1.13	44	0.11	86.4	410	2.5
ZZ30837		0.011	0.21	2.00	39	0.12	52.3	413	1.8
ZZ30838		0.008	0.11	1.42	24	0.07	42.6	247	1.0
ZZ30839		0.009	0.09	1.60	19	<0.05	20.8	88	1.5
ZZ30840		0.009	0.17	0.72	40	0.12	44.2	226	1.2
ZZ30841		<0.005	0.13	2.30	31	<0.05	11.05	172	1.7
ZZ30842		<0.005	0.17	3.18	29	<0.05	22.3	118	2.6
ZZ30843		<0.005	0.16	2.88	37	<0.05	20.8	165	2.3
ZZ30844		<0.005	0.15	2.03	33	<0.05	11.65	153	2.0
ZZ30845		<0.005	0.12	1.76	29	<0.05	13.25	125	1.9
ZZ30846		<0.005	0.16	2.87	32	<0.05	17.85	199	2.0
ZZ30847		0.007	0.08	2.81	27	<0.05	18.65	169	1.8
ZZ30848		0.006	0.10	1.54	26	0.05	20.3	186	1.9
ZZ30849		0.005	0.12	1.71	33	0.11	31.5	170	1.1
ZZ30850		<0.005	0.14	1.01	36	0.08	34.8	188	1.2
ZZ30851		0.005	0.14	2.16	42	0.09	38.1	164	1.2
ZZ30852		<0.005	0.14	2.89	43	0.08	33.7	174	1.2
ZZ30853		<0.005	0.11	1.20	57	0.09	30.8	297	3.3

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ30854		0.30	0.005	0.37	0.78	17.5	<0.2	<10	460	0.69	0.25	1.53	0.96	14.05	11.6	24
ZZ30855		0.58	0.003	0.76	0.62	23.3	<0.2	10	370	0.83	0.34	0.67	2.80	15.80	13.4	31
ZZ30856		0.26	0.004	0.76	0.95	10.0	<0.2	10	1070	0.82	0.24	2.32	3.45	20.0	10.0	33
ZZ30857		0.42	0.005	1.61	0.56	12.0	<0.2	<10	1590	0.63	0.17	1.37	0.69	10.95	4.7	26
ZZ30858		0.18	0.004	1.40	0.38	11.2	<0.2	<10	930	0.47	0.15	1.78	0.60	9.09	3.8	20
ZZ30859		0.34	0.005	1.69	0.43	14.4	<0.2	<10	790	0.54	0.16	0.10	0.80	12.30	3.5	22
ZZ30860		0.43	0.006	2.93	0.40	23.1	<0.2	<10	450	0.52	0.19	0.73	2.03	9.85	7.6	26
ZZ30861		0.38	0.008	3.70	0.48	26.8	<0.2	<10	800	0.80	0.20	2.20	1.83	9.83	9.0	29
ZZ30862		0.41	0.008	4.09	0.44	27.3	<0.2	<10	820	0.69	0.20	0.65	1.14	8.61	5.7	27
ZZ30863		0.46	0.006	2.40	0.48	21.5	<0.2	<10	1270	0.65	0.18	0.67	1.22	9.43	6.9	23
ZZ30864		0.14	0.004	0.34	0.80	5.6	<0.2	<10	510	0.51	0.17	2.53	1.57	13.00	5.0	19
ZZ30865		0.47	0.002	0.52	0.56	6	<0.2	10	420	0.70	0.20	13.45	2.29	13.80	8.5	15
ZZ30866		0.27	0.004	1.39	0.57	14.2	<0.2	<10	1030	0.71	0.21	0.59	0.75	6.95	5.7	19
ZZ30867		0.33	0.003	0.73	1.39	16.2	<0.2	<10	1240	0.90	0.23	1.03	0.54	15.10	7.4	31
ZZ30868		0.41	0.002	0.56	1.00	16.5	<0.2	<10	770	0.86	0.20	0.27	0.60	10.90	8.0	28
ZZ30869		0.50	0.007	4.00	0.35	46.4	<0.2	<10	1230	0.38	0.21	0.09	0.28	5.12	2.3	30
ZZ30870		0.42	0.004	1.90	0.47	23.7	<0.2	<10	1410	0.68	0.19	0.14	0.50	4.71	5.0	21
ZZ30871		0.25	0.004	0.57	0.43	13.5	<0.2	<10	1040	0.61	0.20	0.11	0.29	3.64	4.5	18
ZZ30872		0.40	0.003	0.83	0.49	18.4	<0.2	<10	990	0.62	0.21	0.04	0.48	5.24	5.8	19
ZZ30873		0.41	0.004	0.88	0.51	15.9	<0.2	<10	530	0.67	0.22	0.03	0.22	5.04	8.3	17
ZZ30874		0.17	0.002	0.58	0.90	9.6	<0.2	<10	640	0.57	0.18	2.75	2.04	13.90	8.9	21
ZZ30875		0.19	0.005	0.60	0.86	7.9	<0.2	<10	570	0.64	0.17	3.30	1.83	15.80	6.8	22
ZZ30876		0.17	0.002	0.61	1.02	6.3	<0.2	10	600	0.57	0.16	3.17	3.56	13.10	5.8	23
ZZ30877		0.32	0.003	0.77	0.89	8.8	<0.2	10	680	0.68	0.19	3.75	1.79	18.65	9.2	21
ZZ30878		0.26	0.005	0.62	0.76	8.0	<0.2	10	590	0.62	0.18	2.77	1.01	16.00	6.6	17
ZZ30879		0.31	0.004	0.42	0.66	9	<0.2	<10	590	0.47	0.18	14.45	0.97	15.00	6.6	20
ZZ30880		0.38	0.002	0.34	0.70	7	<0.2	10	370	0.48	0.15	11.55	2.81	10.40	8.8	20
ZZ30881		0.50	0.003	0.31	1.00	16.4	<0.2	10	410	0.84	0.23	9.43	5.01	22.7	14.2	29
ZZ30882		0.36	0.004	0.36	0.97	18	<0.2	10	600	0.88	0.19	11.85	1.93	15.85	13.8	25
ZZ30883		0.51	0.003	0.49	0.58	9	<0.2	10	410	0.49	0.16	16.80	2.32	12.20	10.9	18
ZZ30884		0.54	0.003	0.15	0.74	9	<0.2	10	630	0.64	0.12	21.9	4.49	13.10	16.4	18
ZZ30885		0.51	0.002	0.07	0.18	<2	<0.2	<10	230	0.18	0.04	>25.0	3.17	3.22	3.9	6
ZZ30886		0.55	0.002	0.39	0.44	15.8	<0.2	<10	320	0.51	0.18	9.39	1.89	7.36	10.4	22
ZZ30887		0.39	0.003	1.02	0.39	10.4	<0.2	<10	500	0.52	0.19	7.00	1.51	7.13	7.2	16
ZZ30888		0.41	0.004	1.29	0.26	19.3	<0.2	<10	530	0.60	0.17	0.38	0.83	4.14	7.4	13
ZZ30889		0.35	0.003	0.53	0.30	17.5	<0.2	<10	440	0.35	0.13	1.65	0.80	5.07	11.4	19
ZZ30890		0.40	0.005	1.82	0.29	25.8	<0.2	<10	490	0.52	0.18	0.91	1.16	7.29	6.8	18
ZZ30891		0.33	0.005	4.10	0.38	37.5	<0.2	<10	520	0.76	0.19	4.17	1.58	8.85	7.9	30
ZZ30892		0.43	0.006	1.70	0.29	15.9	<0.2	<10	490	0.41	0.21	1.32	1.25	10.95	9.4	24
ZZ30893		0.46	0.003	0.20	0.81	15.0	<0.2	<10	1090	1.13	0.25	4.76	0.94	14.45	18.7	27

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ30854		0.57	37.2	2.66	2.32	0.06	0.04	0.16	0.037	0.08	12.7	4.1	0.10	409	13.55	0.01
ZZ30855		0.60	66.8	3.46	2.17	0.10	0.06	0.14	0.047	0.12	16.1	4.5	0.11	282	20.2	0.01
ZZ30856		0.95	38.3	2.30	2.71	0.12	0.09	0.25	0.039	0.13	31.7	6.6	0.29	562	4.21	0.01
ZZ30857		0.57	44.1	1.90	1.55	0.05	0.04	0.21	0.036	0.07	9.6	3.2	0.08	168	3.03	<0.01
ZZ30858		0.54	36.5	1.71	1.03	<0.05	0.05	0.23	0.032	0.07	7.2	1.9	0.06	117	2.83	0.01
ZZ30859		0.58	38.5	1.79	1.32	0.06	<0.02	0.18	0.032	0.06	7.5	1.2	0.03	49	2.81	<0.01
ZZ30860		1.29	67.7	3.02	1.17	0.09	0.02	0.19	0.042	0.14	6.4	1.6	0.08	134	6.14	0.01
ZZ30861		1.16	86.2	3.09	1.07	0.10	0.04	0.29	0.044	0.12	6.1	1.3	0.13	158	6.43	0.01
ZZ30862		0.88	72.3	3.13	1.41	0.09	0.05	0.25	0.048	0.14	6.5	1.9	0.04	90	7.36	0.02
ZZ30863		0.72	57.8	2.59	1.51	0.07	0.04	0.21	0.037	0.10	7.9	2.6	0.07	132	5.32	0.01
ZZ30864		0.52	17.9	1.42	2.02	0.06	0.05	0.13	0.024	0.05	20.4	3.4	0.12	447	2.51	0.01
ZZ30865		0.76	24.1	1.89	1.48	0.05	0.05	0.13	0.032	0.12	12.5	2.9	0.11	332	2.49	0.01
ZZ30866		0.75	45.1	2.43	1.53	0.05	0.08	0.29	0.038	0.11	6.4	3.1	0.05	95	3.97	0.01
ZZ30867		1.16	29.0	2.62	3.84	<0.05	0.08	0.13	0.034	0.06	10.5	7.6	0.19	259	2.59	0.01
ZZ30868		1.22	38.2	2.67	2.41	<0.05	0.03	0.11	0.035	0.07	6.4	5.7	0.11	195	3.92	<0.01
ZZ30869		1.28	61.2	3.49	1.33	0.09	0.02	0.31	0.043	0.11	4.1	0.7	0.01	27	11.45	<0.01
ZZ30870		0.96	54.9	2.71	1.56	0.05	0.02	0.12	0.039	0.07	2.8	1.2	0.03	78	6.48	<0.01
ZZ30871		1.12	47.1	2.26	1.55	<0.05	0.02	0.10	0.036	0.07	2.0	1.0	0.03	62	5.17	<0.01
ZZ30872		1.63	51.2	2.56	1.94	<0.05	0.02	0.10	0.038	0.07	2.8	1.2	0.03	121	5.79	<0.01
ZZ30873		2.65	55.3	2.99	1.46	<0.05	<0.02	0.14	0.046	0.07	2.5	1.2	0.03	127	5.09	<0.01
ZZ30874		0.39	22.2	1.96	2.22	0.05	0.04	0.16	0.029	0.06	10.8	4.6	0.15	475	5.28	0.01
ZZ30875		0.43	20.7	1.81	2.48	0.06	0.04	0.15	0.030	0.05	14.3	5.4	0.22	343	2.28	0.01
ZZ30876		0.45	19.6	1.70	2.59	0.05	0.05	0.13	0.028	0.06	12.3	5.1	0.18	421	1.92	0.01
ZZ30877		0.29	30.5	2.15	2.39	0.06	0.04	0.17	0.032	0.09	13.3	5.9	0.34	438	2.66	0.01
ZZ30878		0.35	30.8	1.79	2.18	0.05	0.04	0.18	0.028	0.09	10.9	5.2	0.17	407	2.26	0.01
ZZ30879		0.35	19.2	1.90	1.92	0.05	0.05	0.17	0.030	0.07	11.3	6.0	0.24	279	1.39	0.01
ZZ30880		0.43	19.2	1.54	1.80	0.05	0.06	0.18	0.027	0.07	10.2	4.2	0.14	556	2.86	0.01
ZZ30881		0.90	39.2	2.34	2.77	0.09	0.14	0.43	0.040	0.15	21.2	6.8	0.18	930	2.04	0.01
ZZ30882		0.83	39.2	3.19	2.46	0.06	0.14	0.71	0.039	0.12	10.7	6.4	0.18	689	1.81	0.01
ZZ30883		0.57	23.3	1.64	1.56	0.05	0.10	0.13	0.026	0.11	9.9	4.2	0.19	322	3.06	0.01
ZZ30884		1.37	33.1	1.80	1.99	0.08	0.08	0.30	0.024	0.13	15.6	8.0	0.12	1380	1.70	0.01
ZZ30885		0.46	9.1	0.45	0.50	<0.05	0.03	0.20	0.008	0.03	5.2	1.5	0.09	245	0.50	<0.01
ZZ30886		0.65	37.5	1.90	1.38	0.05	0.08	0.29	0.034	0.09	7.6	2.9	0.07	269	2.22	<0.01
ZZ30887		1.12	34.3	2.27	1.16	0.06	0.07	0.58	0.034	0.11	6.9	2.8	0.08	148	3.98	0.01
ZZ30888		1.70	49.9	2.48	0.75	0.05	0.05	0.41	0.037	0.10	2.3	1.6	0.04	73	5.12	<0.01
ZZ30889		1.33	31.2	1.39	0.99	0.05	0.03	0.71	0.024	0.07	5.5	2.6	0.06	187	2.69	<0.01
ZZ30890		0.89	60.0	2.65	0.96	0.07	0.04	0.12	0.039	0.11	4.4	1.5	0.04	133	6.64	<0.01
ZZ30891		1.29	89.0	2.92	1.22	0.09	0.05	0.21	0.048	0.12	7.7	1.4	0.08	115	9.22	0.01
ZZ30892		0.79	71.1	2.19	1.11	0.07	0.04	0.14	0.038	0.09	7.0	1.5	0.04	203	5.14	<0.01
ZZ30893		2.36	83.1	2.88	2.53	0.07	0.10	0.19	0.050	0.15	14.8	4.8	0.11	574	1.96	<0.01

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Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ30854	0.27	87.0	1310	17.8	7.3	0.001	0.15	1.59	2.5	5.8	0.4	24.1	<0.01	0.09	0.5
ZZ30855	0.19	144.5	1360	25.1	7.9	0.003	0.03	2.44	6.3	12.0	0.6	32.8	<0.01	0.13	2.7
ZZ30856	0.27	65.2	2680	15.9	11.3	0.002	0.11	1.26	4.9	5.0	0.5	53.9	<0.01	0.12	1.2
ZZ30857	0.13	52.0	1260	9.9	5.5	0.002	0.14	1.31	3.0	4.3	0.3	41.4	<0.01	0.10	0.7
ZZ30858	0.11	46.0	1320	8.8	4.8	0.004	0.21	1.34	2.7	4.8	0.3	54.7	<0.01	0.09	0.7
ZZ30859	0.10	46.9	1750	8.9	5.9	0.002	0.11	1.53	1.1	4.9	0.3	17.3	<0.01	0.15	0.2
ZZ30860	<0.05	104.5	2860	11.9	10.1	0.018	0.54	2.07	6.0	13.8	0.4	137.0	<0.01	0.40	2.2
ZZ30861	<0.05	128.5	2120	13.2	8.7	0.014	0.33	2.54	7.6	13.0	0.4	213	<0.01	0.22	3.9
ZZ30862	0.06	102.0	1980	12.7	10.5	0.006	0.39	2.15	6.1	10.8	0.5	136.5	<0.01	0.28	1.5
ZZ30863	0.10	106.5	1540	11.4	7.6	0.002	0.10	1.73	5.8	5.8	0.4	71.4	<0.01	0.17	1.7
ZZ30864	0.29	29.1	1620	10.2	4.9	0.002	0.21	0.68	1.3	2.8	0.3	38.9	<0.01	0.08	0.3
ZZ30865	0.16	53.7	1100	15.0	8.2	0.002	0.08	0.91	3.7	2.7	0.4	62.0	<0.01	0.13	2.2
ZZ30866	0.07	67.9	990	11.8	9.2	0.002	0.08	1.22	4.9	4.1	0.4	40.4	<0.01	0.12	1.6
ZZ30867	0.38	46.5	1220	18.0	10.5	0.001	0.07	0.96	3.5	2.5	0.5	37.1	<0.01	0.07	1.1
ZZ30868	0.18	62.0	870	14.9	10.7	0.001	0.05	1.16	4.0	3.8	0.4	38.4	<0.01	0.10	1.5
ZZ30869	<0.05	44.4	2260	17.2	8.3	0.021	0.17	2.68	4.8	18.6	0.5	140.0	<0.01	0.32	2.3
ZZ30870	0.06	75.6	1230	11.4	8.5	0.002	0.09	1.72	3.7	6.5	0.4	73.4	<0.01	0.14	0.5
ZZ30871	0.06	59.5	800	10.7	9.0	0.003	0.03	1.20	3.1	3.4	0.4	52.6	<0.01	0.08	0.4
ZZ30872	0.11	66.0	960	12.6	11.2	0.002	0.04	1.46	2.9	4.2	0.4	49.8	<0.01	0.11	0.3
ZZ30873	0.09	71.8	800	15.8	11.3	0.005	0.03	1.58	3.9	5.0	0.4	62.5	<0.01	0.11	0.5
ZZ30874	0.29	50.8	1590	11.3	6.2	0.003	0.18	1.70	1.2	2.9	0.4	30.4	<0.01	0.11	0.4
ZZ30875	0.29	36.0	1480	10.8	5.8	0.001	0.17	1.27	1.0	2.5	0.4	34.3	<0.01	0.08	0.4
ZZ30876	0.36	29.4	1780	9.9	8.6	<0.001	0.20	1.07	1.3	1.8	0.4	33.7	<0.01	0.07	0.5
ZZ30877	0.25	47.9	1280	11.9	5.8	<0.001	0.14	1.98	1.2	3.1	0.4	33.1	<0.01	0.10	0.6
ZZ30878	0.27	34.1	1390	10.4	5.9	0.001	0.16	1.71	1.1	2.2	0.4	30.4	<0.01	0.08	0.5
ZZ30879	0.30	46.0	1440	9.4	4.9	<0.001	0.06	1.64	1.7	1.6	0.4	90.4	<0.01	0.14	1.0
ZZ30880	0.21	59.7	2730	10.6	5.8	0.001	0.19	1.42	1.0	1.6	0.3	64.4	0.01	0.09	0.5
ZZ30881	0.35	187.5	4920	19.2	11.1	0.001	0.07	1.93	3.3	2.6	0.6	59.8	<0.01	0.19	1.3
ZZ30882	0.34	181.0	2820	13.7	7.7	0.001	0.06	2.89	3.8	1.6	0.5	108.5	<0.01	0.10	1.4
ZZ30883	0.12	62.9	1300	11.5	7.0	0.001	0.08	0.97	2.1	3.2	0.4	84.3	<0.01	0.16	1.1
ZZ30884	0.30	291	5970	10.2	9.4	0.001	0.03	1.55	2.8	1.6	0.4	66.2	<0.01	0.11	1.5
ZZ30885	0.08	56.2	990	3.3	2.6	<0.001	0.01	0.45	1.2	0.6	<0.2	71.1	<0.01	0.04	0.5
ZZ30886	0.12	81.6	1230	13.8	6.4	0.001	0.04	1.19	3.3	1.9	0.4	53.4	<0.01	0.12	1.2
ZZ30887	0.06	53.4	1200	12.2	10.9	0.003	0.15	0.98	3.2	3.3	0.3	87.1	<0.01	0.13	1.1
ZZ30888	<0.05	78.3	870	12.1	8.8	0.015	0.20	1.58	4.4	6.4	0.3	69.4	<0.01	0.13	2.5
ZZ30889	0.07	68.5	850	8.7	6.6	0.002	0.04	1.11	2.7	4.5	0.3	41.5	<0.01	0.08	1.4
ZZ30890	<0.05	108.5	1270	12.5	7.3	0.008	0.26	1.96	4.2	7.6	0.4	54.7	<0.01	0.25	3.7
ZZ30891	<0.05	128.0	2400	13.8	8.5	0.015	0.20	2.44	5.7	12.2	0.4	123.5	<0.01	0.30	3.8
ZZ30892	0.06	92.0	1260	13.9	6.0	0.004	0.13	1.95	3.7	5.7	0.4	30.4	<0.01	0.15	4.3
ZZ30893	0.20	123.5	2250	17.5	11.7	0.001	0.03	1.78	5.0	2.0	0.6	63.6	<0.01	0.33	5.5

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30854		0.006	0.14	3.52	43	0.10	26.5	231	1.2
ZZ30855		0.005	0.12	3.09	47	0.10	39.2	455	2.0
ZZ30856		0.006	0.16	3.21	51	0.14	65.8	273	2.0
ZZ30857		<0.005	0.15	2.37	46	<0.05	27.5	171	1.6
ZZ30858		<0.005	0.17	3.52	35	<0.05	22.3	152	2.1
ZZ30859		<0.005	0.14	4.00	47	0.06	29.2	167	<0.5
ZZ30860		<0.005	0.38	5.10	45	0.05	28.3	339	0.5
ZZ30861		<0.005	0.32	4.80	53	<0.05	48.5	409	2.6
ZZ30862		<0.005	0.33	5.88	63	0.06	36.7	329	1.9
ZZ30863		<0.005	0.17	3.17	55	0.05	35.2	311	1.6
ZZ30864		0.008	0.11	2.54	36	0.06	37.8	141	1.8
ZZ30865		<0.005	0.14	1.44	24	0.09	30.8	202	1.7
ZZ30866		<0.005	0.15	2.20	45	<0.05	28.7	228	2.6
ZZ30867		0.007	0.16	2.22	67	0.10	21.3	147	1.9
ZZ30868		<0.005	0.15	2.11	61	0.07	16.00	208	1.1
ZZ30869		<0.005	0.23	2.77	76	0.05	18.95	196	1.3
ZZ30870		<0.005	0.15	2.73	61	0.05	23.0	248	0.8
ZZ30871		<0.005	0.14	1.99	44	<0.05	13.15	196	0.5
ZZ30872		<0.005	0.19	1.89	48	0.06	13.20	230	<0.5
ZZ30873		<0.005	0.19	2.18	40	0.05	9.19	229	0.5
ZZ30874		0.006	0.18	4.06	63	0.07	21.4	274	1.2
ZZ30875		0.005	0.12	3.08	56	0.11	29.0	194	1.0
ZZ30876		0.007	0.12	6.36	66	0.07	26.2	231	1.3
ZZ30877		0.006	0.17	1.11	74	0.09	25.5	228	1.0
ZZ30878		0.005	0.16	1.90	61	0.09	22.3	163	1.1
ZZ30879		0.011	0.10	1.79	59	0.12	22.4	189	1.4
ZZ30880		0.006	0.15	3.44	53	0.12	35.2	249	1.8
ZZ30881		0.008	0.28	8.39	70	0.18	67.3	631	4.2
ZZ30882		0.007	0.25	4.57	63	0.18	35.7	545	4.3
ZZ30883		<0.005	0.21	5.20	43	0.11	27.6	252	2.7
ZZ30884		0.007	0.61	8.12	45	0.18	53.7	721	2.9
ZZ30885		<0.005	0.09	2.59	12	<0.05	21.4	209	1.3
ZZ30886		<0.005	0.13	3.30	42	0.06	29.8	284	2.8
ZZ30887		<0.005	0.16	1.86	37	0.06	25.8	183	2.2
ZZ30888		<0.005	0.23	3.53	35	<0.05	23.5	246	2.8
ZZ30889		<0.005	0.21	2.23	34	0.05	18.05	190	1.3
ZZ30890		<0.005	0.30	4.52	37	0.07	29.1	292	1.8
ZZ30891		<0.005	0.27	7.80	59	0.13	42.4	391	3.1
ZZ30892		<0.005	0.26	3.59	37	<0.05	23.1	307	2.4
ZZ30893		<0.005	0.35	5.33	49	0.14	43.3	472	6.5

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ30894		0.30	0.007	1.14	0.40	20.0	<0.2	<10	610	0.54	0.23	3.10	1.09	13.30	8.9	31
ZZ30895		0.28	0.002	0.28	0.51	14.6	<0.2	<10	360	0.86	0.07	1.44	0.30	29.0	10.4	16
ZZ30896		0.24	0.002	0.42	0.40	8.2	<0.2	<10	320	0.94	0.11	2.40	0.49	26.0	6.7	9
ZZ30897		0.31	0.003	0.80	0.37	10.1	<0.2	<10	140	0.82	0.16	8.78	2.31	32.4	9.5	13
ZZ30898		0.19	0.008	0.47	0.55	23.4	<0.2	<10	180	0.94	0.16	3.05	2.08	36.5	9.2	11
ZZ30899		0.21	0.008	1.43	0.58	101.5	<0.2	<10	2200	0.98	0.15	2.10	10.40	21.0	3.9	32
ZZ30900		0.21	0.008	1.65	0.56	97.5	<0.2	<10	280	0.81	0.16	1.83	7.86	20.1	3.5	24
ZZ30901		0.30	0.011	1.84	0.46	47.3	<0.2	<10	850	0.78	0.21	1.88	9.91	16.90	5.1	18
ZZ30902		0.32	0.007	1.56	0.44	98.0	<0.2	<10	430	0.72	0.13	5.38	13.90	16.90	2.8	25
ZZ30903		0.27	0.006	1.06	0.55	21.2	<0.2	<10	500	0.69	0.20	1.02	4.44	10.55	2.8	16
ZZ30904		0.31	0.006	2.28	0.50	20.1	<0.2	<10	1280	0.74	0.17	0.88	1.37	5.88	3.5	24
ZZ30905		0.27	0.006	2.39	0.40	22.8	<0.2	<10	1460	0.66	0.17	0.73	1.38	5.44	5.4	27
ZZ30906		0.21	0.006	5.00	0.52	20.9	<0.2	<10	1680	0.68	0.16	1.12	2.96	7.01	3.6	46
ZZ30907		0.24	0.009	2.43	0.45	21.7	<0.2	<10	1720	0.69	0.18	0.86	1.19	4.62	4.9	23
ZZ30908		0.27	0.006	2.27	0.39	25.9	<0.2	10	1590	0.70	0.17	0.89	1.23	5.34	5.4	25
ZZ30909		0.46	0.002	0.47	0.34	6	<0.2	<10	1560	0.59	0.21	13.60	1.29	11.50	8.4	8
ZZ30910		0.41	0.002	0.46	0.34	5	<0.2	<10	1470	0.63	0.22	12.30	1.19	11.05	8.6	8
ZZ30911		0.50	0.002	0.45	0.36	6	<0.2	10	1450	0.62	0.22	13.60	1.43	11.40	8.8	9
ZZ30912		0.45	0.004	0.72	0.89	13.3	<0.2	10	2090	0.66	0.29	5.71	3.40	17.85	13.0	26
ZZ30913		0.23	0.003	0.84	1.04	11.8	<0.2	10	1890	0.64	0.29	2.61	3.66	17.95	15.4	24
ZZ30914		0.25	0.004	0.93	1.08	14.5	<0.2	<10	1510	0.66	0.30	2.58	4.01	17.10	12.8	23
ZZ30915		0.29	0.008	1.71	0.65	19.7	<0.2	<10	2880	0.65	0.26	2.70	1.79	13.75	9.7	29
ZZ30916		0.39	0.006	1.34	0.29	11.2	<0.2	<10	1510	0.36	0.16	0.51	0.78	7.66	3.9	21
ZZ30917		0.18	0.003	0.50	0.64	9.0	<0.2	<10	1850	0.56	0.18	2.62	3.55	13.20	6.6	20
ZZ30918		0.30	0.004	0.84	0.63	9	<0.2	<10	2530	0.49	0.20	10.35	2.57	13.20	8.4	17
ZZ30919		0.39	0.004	0.81	0.55	13.9	<0.2	<10	930	0.62	0.18	6.94	2.29	11.60	8.0	19
ZZ30920		0.27	0.006	0.91	0.41	15.9	<0.2	<10	770	0.51	0.18	1.70	5.54	10.65	8.5	24
ZZ30921		0.16	0.017	0.95	0.43	7.8	<0.2	<10	660	0.38	0.12	1.94	1.56	6.79	3.1	18
ZZ30922		0.25	0.008	4.44	0.53	23.2	<0.2	<10	960	0.72	0.22	1.06	3.98	10.10	4.7	39
ZZ30923		0.31	0.003	0.40	0.58	14.9	<0.2	<10	730	0.73	0.24	0.75	1.48	8.57	7.0	29
ZZ30924		0.40	0.003	1.09	0.67	34.3	<0.2	<10	1400	0.76	0.28	0.68	1.80	10.40	12.2	34
ZZ30925		0.33	0.004	0.55	0.87	11.6	<0.2	10	2120	0.66	0.27	2.37	2.76	15.70	11.0	31
ZZ30926		0.54	0.003	0.26	0.57	13	<0.2	<10	1200	0.55	0.20	15.60	2.98	14.45	15.5	21
ZZ30927		0.38	0.007	2.35	0.55	19.7	<0.2	<10	1160	0.79	0.20	0.94	2.03	7.64	10.5	33
ZZ30928		0.29	0.010	4.25	0.62	24.0	<0.2	<10	970	0.86	0.22	1.42	2.06	8.77	7.0	43
ZZ30929		0.42	0.009	3.24	0.50	19.7	<0.2	<10	770	0.67	0.20	0.87	1.26	7.45	5.2	34
ZZ30930		0.31	0.010	6.55	0.53	29.9	<0.2	<10	1070	0.82	0.22	1.16	3.58	10.65	8.1	53
ZZ30931		0.23	0.004	1.55	0.57	13.2	<0.2	<10	1490	0.56	0.18	0.68	1.30	10.65	5.6	24
ZZ30932		0.30	0.007	1.68	0.71	14.3	<0.2	<10	1320	0.59	0.18	0.51	0.71	11.05	4.0	27
ZZ30933		0.16	0.008	1.69	0.51	11.5	<0.2	<10	2440	0.43	0.17	2.59	1.39	12.45	5.7	22

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Finalized Date: 26- JUL- 2013
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CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ30894		0.76	68.2	3.06	1.16	0.09	0.06	0.29	0.044	0.09	8.1	0.9	0.06	172	4.69	<0.01
ZZ30895		0.62	20.8	3.74	1.29	0.09	0.06	0.21	0.047	0.14	16.7	1.8	0.03	175	2.80	0.01
ZZ30896		0.32	35.9	2.19	1.10	0.07	0.07	0.15	0.037	0.10	19.6	1.7	0.08	100	3.51	0.01
ZZ30897		0.40	34.0	2.07	1.28	0.08	0.07	0.13	0.033	0.15	21.5	2.1	2.71	191	6.88	0.01
ZZ30898		0.34	19.7	2.17	1.60	0.07	0.08	0.24	0.030	0.07	23.6	3.0	0.10	343	6.42	<0.01
ZZ30899		0.73	67.0	1.61	2.25	0.09	0.10	1.05	0.029	0.07	22.0	2.7	0.27	64	35.1	<0.01
ZZ30900		0.69	56.3	1.66	2.39	0.08	0.15	1.21	0.033	0.09	21.0	2.6	0.06	39	27.9	<0.01
ZZ30901		0.77	69.3	1.83	2.18	0.08	0.10	1.43	0.038	0.12	13.2	2.1	0.08	123	31.1	<0.01
ZZ30902		0.74	60.4	1.31	1.94	0.09	0.11	4.50	0.023	0.08	20.3	2.0	0.38	81	40.8	0.01
ZZ30903		1.68	56.4	1.78	2.22	0.05	0.04	0.41	0.033	0.08	7.6	2.6	0.07	76	12.20	<0.01
ZZ30904		0.71	59.1	2.24	1.53	0.06	0.09	0.30	0.036	0.06	4.5	1.9	0.05	63	7.19	<0.01
ZZ30905		0.68	71.1	2.59	1.30	0.07	0.06	0.27	0.034	0.08	3.9	1.6	0.04	75	8.30	<0.01
ZZ30906		0.53	60.5	2.06	1.70	0.07	0.06	0.26	0.032	0.07	6.4	2.2	0.05	64	9.52	<0.01
ZZ30907		0.63	55.6	2.48	1.41	0.06	0.07	0.23	0.036	0.07	3.4	1.6	0.04	65	7.85	<0.01
ZZ30908		0.75	69.6	2.72	1.25	0.07	0.06	0.25	0.036	0.08	4.1	1.5	0.04	71	7.98	<0.01
ZZ30909		0.68	20.7	1.84	0.89	<0.05	0.04	0.10	0.030	0.11	8.4	2.1	0.16	228	1.84	<0.01
ZZ30910		0.68	21.0	1.87	0.89	0.05	0.04	0.11	0.028	0.12	8.1	1.9	0.16	226	1.79	0.01
ZZ30911		0.59	21.6	1.88	0.92	0.05	0.03	0.10	0.030	0.10	9.4	2.1	0.18	243	2.41	<0.01
ZZ30912		0.48	35.3	2.45	2.49	0.08	0.07	0.11	0.045	0.09	22.6	6.6	0.43	488	8.63	<0.01
ZZ30913		0.43	30.3	2.24	2.61	0.08	0.05	0.10	0.045	0.07	22.6	6.3	0.23	753	5.61	<0.01
ZZ30914		0.21	37.6	2.42	2.51	0.07	0.06	0.09	0.039	0.07	21.1	5.9	0.17	560	10.75	<0.01
ZZ30915		0.25	63.1	2.67	1.93	0.08	0.07	0.79	0.055	0.08	15.6	4.7	0.11	211	8.88	<0.01
ZZ30916		0.41	53.9	1.64	0.89	0.05	0.05	0.74	0.037	0.06	5.2	1.8	0.04	81	3.08	<0.01
ZZ30917		0.27	26.9	1.60	1.66	0.06	0.07	0.15	0.031	0.07	17.4	4.0	0.14	500	3.94	0.01
ZZ30918		0.36	30.2	1.83	1.68	0.05	0.06	0.12	0.038	0.07	14.7	4.6	0.16	347	5.09	0.01
ZZ30919		0.97	38.0	2.11	1.55	0.05	0.05	0.22	0.033	0.09	10.1	3.9	0.12	328	3.45	0.01
ZZ30920		0.67	38.0	2.00	1.27	0.06	0.10	0.16	0.035	0.09	10.7	2.6	0.14	353	5.37	0.01
ZZ30921		0.33	22.5	1.38	1.14	<0.05	0.05	0.15	0.025	0.05	5.2	2.1	0.09	116	2.88	<0.01
ZZ30922		1.01	61.4	2.79	1.77	0.08	0.09	0.22	0.045	0.13	10.0	2.5	0.09	74	14.75	<0.01
ZZ30923		0.50	44.2	2.60	1.77	0.05	0.11	0.17	0.046	0.10	10.0	2.9	0.06	147	2.34	<0.01
ZZ30924		0.78	57.2	3.01	2.29	0.06	0.06	0.42	0.064	0.12	10.2	3.2	0.09	176	5.10	<0.01
ZZ30925		0.82	44.5	2.25	2.32	0.08	0.09	0.09	0.045	0.14	17.6	4.8	0.14	278	2.80	0.02
ZZ30926		0.72	38.6	2.06	1.63	0.05	0.04	0.10	0.029	0.10	12.5	4.5	0.16	553	4.87	0.01
ZZ30927		0.71	160.0	3.80	1.38	0.09	0.05	0.30	0.063	0.09	8.0	1.9	0.05	132	17.00	<0.01
ZZ30928		0.54	112.0	3.02	1.89	0.07	0.05	0.40	0.051	0.09	9.2	2.7	0.06	108	11.85	<0.01
ZZ30929		0.57	89.4	2.53	1.57	0.07	0.07	0.30	0.044	0.09	7.2	2.3	0.06	59	11.05	<0.01
ZZ30930		0.66	136.0	2.90	1.82	0.12	0.05	0.41	0.049	0.12	11.7	2.0	0.05	117	22.1	<0.01
ZZ30931		0.54	46.1	1.96	1.54	0.05	0.05	0.14	0.035	0.06	8.7	3.5	0.09	139	3.24	<0.01
ZZ30932		0.78	41.8	1.90	2.03	<0.05	0.03	0.10	0.030	0.05	7.7	4.1	0.09	109	3.16	<0.01
ZZ30933		0.35	45.2	1.78	1.39	0.07	0.05	0.17	0.034	0.05	18.0	2.6	0.07	261	4.06	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ30894		<0.05	115.5	1630	16.2	5.7	0.002	0.01	2.56	4.1	11.6	0.4	51.2	<0.01	0.28	5.2
ZZ30895		0.18	56.3	1090	10.7	5.2	0.001	0.33	0.75	5.2	1.3	0.4	105.5	<0.01	0.03	1.4
ZZ30896		0.11	59.3	1580	10.1	4.3	0.001	0.18	1.39	2.6	1.9	0.3	88.0	<0.01	0.06	1.0
ZZ30897		0.07	57.3	1710	12.8	5.8	0.001	0.04	2.99	3.6	3.0	0.2	165.5	<0.01	0.04	1.9
ZZ30898		0.11	43.2	1380	13.5	6.8	0.001	0.19	2.28	1.4	2.2	0.2	56.7	<0.01	0.03	1.0
ZZ30899		0.15	154.0	1350	11.9	6.9	0.006	0.11	11.65	2.7	9.0	0.5	43.0	<0.01	0.20	1.0
ZZ30900		0.15	89.1	1470	20.5	8.5	0.003	0.14	9.26	2.7	6.7	0.5	40.5	<0.01	0.13	1.3
ZZ30901		0.15	105.5	1530	19.8	10.6	0.006	0.17	10.85	2.5	8.5	0.5	39.2	<0.01	0.21	1.3
ZZ30902		0.13	117.0	2250	15.4	6.7	0.006	0.25	13.15	1.7	10.0	0.4	51.4	<0.01	0.17	0.9
ZZ30903		0.22	67.5	1360	16.6	11.6	0.004	0.07	5.15	2.0	3.9	0.5	24.7	<0.01	0.12	0.7
ZZ30904		0.08	75.2	1680	10.3	8.1	0.007	0.09	1.85	4.6	7.9	0.4	90.9	<0.01	0.10	0.9
ZZ30905		<0.05	100.5	1600	10.6	7.3	0.011	0.13	2.03	7.9	11.5	0.4	123.5	<0.01	0.11	1.3
ZZ30906		0.09	102.0	2150	9.3	5.8	0.007	0.08	2.44	5.0	8.0	0.4	124.5	<0.01	0.12	1.0
ZZ30907		0.05	88.7	1240	10.6	6.5	0.007	0.12	1.97	6.4	10.6	0.5	100.5	<0.01	0.10	1.1
ZZ30908		<0.05	106.5	1530	11.5	6.9	0.007	0.09	2.15	6.1	9.2	0.4	120.5	<0.01	0.10	1.2
ZZ30909		0.08	37.7	510	16.4	6.7	0.003	0.17	0.80	2.9	1.8	0.3	93.5	<0.01	0.16	3.1
ZZ30910		0.08	37.5	520	16.4	6.6	0.003	0.17	0.81	2.9	1.7	0.3	86.0	<0.01	0.14	3.1
ZZ30911		0.10	38.2	610	16.5	6.3	0.003	0.15	0.83	2.8	2.0	0.3	93.2	<0.01	0.16	2.4
ZZ30912		0.26	64.9	2080	23.0	7.4	0.002	0.13	1.38	2.4	4.0	0.5	65.3	<0.01	0.25	0.7
ZZ30913		0.25	62.8	2180	19.1	7.1	0.004	0.19	1.19	1.2	3.8	0.5	32.5	0.01	0.22	0.4
ZZ30914		0.30	58.2	1970	18.4	5.4	0.002	0.19	2.02	1.3	3.6	0.5	28.7	<0.01	0.33	0.4
ZZ30915		0.14	78.7	1380	16.1	4.4	0.002	0.10	1.72	3.4	5.9	0.5	55.9	<0.01	0.29	0.8
ZZ30916		<0.05	56.7	700	8.7	3.9	0.003	0.03	1.14	3.5	3.0	0.4	26.2	0.02	0.09	1.7
ZZ30917		0.22	35.8	1740	10.6	5.4	0.001	0.19	0.89	1.6	3.3	0.3	31.7	0.01	0.16	0.6
ZZ30918		0.17	48.4	1450	12.7	5.4	0.001	0.12	1.04	1.7	3.9	0.4	77.2	<0.01	0.23	0.7
ZZ30919		0.17	78.2	1580	12.0	6.9	0.002	0.06	1.18	3.5	3.4	0.4	69.8	<0.01	0.12	1.5
ZZ30920		0.12	75.3	1900	12.6	5.4	0.004	0.13	1.63	3.6	6.3	0.4	54.9	<0.01	0.10	1.2
ZZ30921		0.13	36.2	1430	6.9	3.5	0.003	0.17	0.96	1.2	5.0	0.3	59.5	<0.01	0.05	0.3
ZZ30922		0.08	102.0	2160	13.8	8.2	0.005	0.16	2.33	4.1	11.2	0.6	84.1	<0.01	0.14	1.7
ZZ30923		0.13	102.5	1060	16.4	6.3	0.002	0.05	1.22	4.6	3.8	0.6	24.9	<0.01	0.09	1.6
ZZ30924		0.10	142.0	1780	20.5	7.8	0.003	0.04	2.13	5.2	8.2	0.7	57.1	<0.01	0.13	2.6
ZZ30925		0.22	76.7	3980	14.7	10.0	0.002	0.15	1.43	2.9	3.7	0.5	58.4	<0.01	0.23	1.6
ZZ30926		0.20	82.9	2390	13.3	7.1	0.001	0.05	1.52	3.0	2.7	0.4	120.5	<0.01	0.25	2.4
ZZ30927		0.06	143.5	2430	12.3	5.5	0.007	0.11	2.03	9.3	12.0	0.5	62.3	<0.01	0.18	1.6
ZZ30928		0.09	138.0	2330	12.8	6.3	0.004	0.11	2.11	6.3	9.8	0.6	67.0	<0.01	0.15	1.1
ZZ30929		0.08	112.0	1950	11.7	5.8	0.004	0.11	1.79	6.0	9.4	0.5	68.3	<0.01	0.13	1.3
ZZ30930		0.05	168.5	2930	12.8	6.9	0.014	0.16	2.95	7.2	20.1	0.6	103.0	<0.01	0.17	3.0
ZZ30931		0.13	68.1	1390	10.7	5.5	0.002	0.04	1.10	3.5	3.7	0.4	31.2	<0.01	0.12	1.1
ZZ30932		0.16	50.4	1440	9.9	7.3	0.002	0.02	0.88	3.4	2.5	0.4	25.5	<0.01	0.16	1.2
ZZ30933		0.13	49.9	1330	10.0	4.5	0.002	0.15	1.09	2.0	3.9	0.3	35.2	<0.01	0.13	0.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30894		<0.005	0.30	3.77	50	<0.05	32.9	309	2.5
ZZ30895		<0.005	0.36	1.35	24	<0.05	16.00	94	2.2
ZZ30896		<0.005	0.16	2.13	33	<0.05	20.2	137	2.3
ZZ30897		<0.005	0.22	2.36	87	<0.05	26.3	200	2.2
ZZ30898		<0.005	0.26	2.19	74	<0.05	29.9	192	2.4
ZZ30899		<0.005	0.89	4.82	458	0.17	51.6	919	3.2
ZZ30900		<0.005	0.98	5.88	309	0.16	38.0	645	4.4
ZZ30901		<0.005	1.43	4.20	264	0.14	30.7	597	3.3
ZZ30902		<0.005	1.32	11.05	356	0.21	43.3	836	4.0
ZZ30903		0.005	0.70	5.92	135	0.10	18.40	408	1.2
ZZ30904		<0.005	0.19	5.41	61	0.06	32.0	273	3.1
ZZ30905		<0.005	0.18	5.01	59	0.06	39.9	327	2.4
ZZ30906		<0.005	0.23	6.13	88	0.13	40.2	330	2.4
ZZ30907		<0.005	0.18	4.41	54	0.05	29.1	312	3.1
ZZ30908		<0.005	0.20	3.40	57	0.05	36.2	316	2.4
ZZ30909		<0.005	0.12	1.41	13	0.10	19.00	153	2.6
ZZ30910		<0.005	0.13	1.45	13	0.11	18.20	152	2.6
ZZ30911		<0.005	0.12	1.56	15	0.10	22.0	169	1.5
ZZ30912		0.009	0.21	2.46	44	0.10	55.7	354	1.9
ZZ30913		0.007	0.24	2.53	43	0.11	54.4	404	1.2
ZZ30914		0.005	0.19	1.38	50	0.10	46.2	365	1.5
ZZ30915		<0.005	0.24	1.89	49	0.08	40.6	311	2.1
ZZ30916		<0.005	0.18	1.97	33	<0.05	19.30	219	1.6
ZZ30917		0.009	0.13	1.86	37	0.06	36.8	252	2.7
ZZ30918		0.006	0.21	2.18	32	0.10	33.2	277	1.7
ZZ30919		<0.005	0.20	3.06	40	0.07	30.7	300	1.5
ZZ30920		<0.005	0.20	4.78	56	0.08	34.7	338	3.6
ZZ30921		<0.005	0.11	3.91	46	0.06	16.20	158	1.7
ZZ30922		<0.005	0.31	6.14	102	0.15	34.2	443	2.9
ZZ30923		<0.005	0.17	2.39	48	0.07	32.4	375	3.2
ZZ30924		<0.005	0.22	4.35	58	0.08	33.7	435	2.1
ZZ30925		0.006	0.27	7.57	56	0.08	49.0	402	2.6
ZZ30926		0.006	0.19	5.72	47	0.10	31.0	304	1.4
ZZ30927		<0.005	0.26	10.15	55	0.12	55.9	495	2.3
ZZ30928		<0.005	0.21	9.45	75	0.13	53.6	471	2.1
ZZ30929		<0.005	0.20	9.41	58	0.12	42.1	365	3.0
ZZ30930		<0.005	0.23	11.30	90	0.19	59.1	573	2.7
ZZ30931		<0.005	0.15	3.15	46	0.06	28.3	264	1.4
ZZ30932		0.005	0.15	3.71	52	0.07	25.0	198	0.8
ZZ30933		<0.005	0.18	2.86	35	0.05	37.2	218	1.4

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Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30934		0.24	0.007	2.10	1.11	14.3	<0.2	<10	3300	0.81	0.26	1.60	1.13	16.35	7.5	35
ZZ30935		0.24	0.005	1.82	0.92	15.1	<0.2	<10	3060	0.70	0.22	1.40	1.37	13.05	6.5	32
ZZ30936		0.36	0.007	1.56	0.46	13.8	<0.2	<10	1390	0.65	0.18	0.48	0.84	5.32	4.9	26
ZZ30937		0.22	0.009	15.05	0.82	48.0	<0.2	20	1720	0.93	0.19	2.17	28.9	12.45	4.0	164
ZZ30938		0.34	0.009	1.86	0.48	23.9	<0.2	<10	520	0.77	0.22	0.24	4.27	13.70	13.0	18
ZZ30939		0.42	0.010	1.01	0.48	13.7	<0.2	<10	400	0.69	0.21	0.33	1.84	18.70	11.5	10
ZZ30940		0.45	0.008	1.61	0.51	16.3	<0.2	<10	1050	0.56	0.20	0.40	1.14	10.75	5.8	17
ZZ30941		0.36	0.012	0.87	0.36	14.7	<0.2	<10	460	0.72	0.23	0.62	2.18	12.50	11.2	10
ZZ30942		0.25	0.008	1.01	0.48	43.9	<0.2	<10	250	0.75	0.17	3.79	6.70	26.2	7.6	19
ZZ30943		0.26	0.007	0.85	0.65	24.3	<0.2	<10	360	0.82	0.18	2.16	2.96	17.40	5.0	15
ZZ30944		0.36	0.006	0.31	1.16	25.4	<0.2	10	470	1.01	0.36	7.61	1.72	25.6	24.8	44
ZZ30945		0.36	0.012	15.35	0.54	38.2	<0.2	10	1300	0.81	0.20	4.56	8.61	12.90	4.7	98
ZZ30946		0.36	0.009	3.97	0.86	31.3	<0.2	<10	840	0.92	0.19	2.25	1.87	14.85	9.4	49
ZZ30947		0.26	0.007	3.69	0.40	32.7	<0.2	<10	620	0.58	0.18	1.02	2.94	10.60	5.3	29
ZZ30948		0.32	0.012	3.76	0.42	30.8	<0.2	<10	870	0.76	0.19	0.95	2.55	8.25	6.0	32
ZZ30949		0.32	0.007	3.77	0.74	49.5	<0.2	<10	790	1.35	0.24	3.04	4.02	11.80	12.0	33
ZZ30950		0.17	0.007	2.89	0.35	27.6	<0.2	<10	810	0.57	0.18	1.63	3.31	8.11	5.1	24
ZZ30951		0.12	0.008	3.53	0.42	30.2	<0.2	<10	910	0.71	0.21	1.34	1.65	6.29	5.4	24
ZZ30952		0.30	0.005	1.81	0.35	25.7	<0.2	<10	1210	0.66	0.17	0.58	1.52	5.58	7.7	16
ZZ30953		0.35	0.006	2.73	0.38	30.5	<0.2	<10	800	0.63	0.17	0.72	0.81	7.11	5.0	22
ZZ30954		0.26	0.006	3.96	0.51	31.4	<0.2	<10	740	0.89	0.23	0.89	0.96	8.92	8.9	24
ZZ30955		0.38	0.008	2.29	0.40	19.5	<0.2	<10	680	1.06	0.23	0.60	1.06	4.69	11.2	20
ZZ30956		0.40	0.009	1.38	0.66	15.1	<0.2	<10	420	1.21	0.20	0.01	0.42	7.78	12.6	38
ZZ30957		0.27	0.010	10.10	0.83	29.8	<0.2	<10	1330	0.99	0.17	1.72	3.29	10.60	4.1	123
ZZ30958		0.36	0.011	1.39	0.40	18.1	<0.2	<10	390	0.20	0.26	0.02	0.09	7.83	1.4	18
ZZ30959		0.36	0.011	0.70	0.43	12.3	<0.2	<10	220	0.94	0.25	0.10	0.70	14.55	13.5	8
ZZ30960		0.36	0.009	0.68	0.61	11.7	<0.2	<10	440	0.89	0.24	0.57	1.30	14.90	7.4	10
ZZ30961		0.36	0.007	0.93	0.77	36.8	<0.2	<10	390	1.11	0.20	1.39	3.02	34.7	10.4	18
ZZ30962		0.26	0.005	1.00	0.57	80.4	<0.2	<10	310	0.94	0.17	7.03	3.54	31.2	9.1	20
ZZ30963		0.17	0.006	0.62	0.21	71	<0.2	<10	150	0.55	0.10	13.65	3.28	21.4	5.5	11
ZZ30964		0.40	0.010	0.53	0.27	106	<0.2	<10	130	0.57	0.12	13.85	2.39	28.1	7.1	11
ZZ30965		0.44	0.001	0.55	0.32	6	<0.2	<10	150	0.68	0.12	10.65	1.61	32.9	7.6	7
ZZ30966		0.29	0.002	0.63	0.25	9	<0.2	<10	230	0.63	0.14	11.30	1.68	30.7	8.9	6
ZZ30967		0.41	0.002	0.73	0.22	25	<0.2	<10	140	0.66	0.15	10.95	3.57	27.2	10.5	8
ZZ30968		0.56	0.002	0.83	0.22	18	<0.2	<10	340	0.66	0.15	10.30	2.39	30.0	11.9	6
ZZ30969		0.36	0.001	0.94	0.26	17.8	<0.2	<10	190	0.62	0.16	8.84	2.71	30.9	10.8	8
ZZ30970		0.34	0.002	1.03	0.49	6.8	<0.2	<10	190	0.77	0.17	7.70	1.75	39.4	12.1	9

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ30934		0.55	49.6	2.46	2.99	0.07	0.07	0.19	0.047	0.06	20.5	5.8	0.16	271	3.57	0.01
ZZ30935		0.55	46.2	2.28	2.53	0.07	0.06	0.19	0.039	0.06	15.4	5.0	0.15	264	3.56	0.01
ZZ30936		0.78	74.5	2.46	1.37	0.06	0.02	0.27	0.034	0.07	4.2	1.9	0.05	109	4.74	<0.01
ZZ30937		0.85	119.5	2.53	2.90	0.13	0.05	0.43	0.038	0.14	15.0	4.4	0.11	57	46.4	0.01
ZZ30938		2.89	77.9	2.98	1.84	0.05	<0.02	0.19	0.041	0.13	6.4	1.6	0.04	278	12.10	<0.01
ZZ30939		1.43	87.0	2.48	1.64	0.06	0.02	0.21	0.041	0.14	7.7	2.9	0.08	259	6.15	<0.01
ZZ30940		1.61	63.6	2.56	1.80	0.06	0.02	0.18	0.037	0.13	6.1	1.7	0.05	131	8.23	<0.01
ZZ30941		1.64	88.3	2.21	1.50	0.06	0.04	0.61	0.042	0.13	5.8	1.4	0.08	220	5.28	<0.01
ZZ30942		0.58	55.4	2.01	1.83	0.07	0.07	0.66	0.031	0.12	19.2	2.6	0.48	224	20.7	0.01
ZZ30943		0.64	50.0	1.87	1.98	0.05	0.09	0.43	0.033	0.10	13.5	3.1	0.19	90	8.98	0.01
ZZ30944		2.41	61.5	3.08	3.26	0.16	0.07	0.50	0.045	0.26	25.4	5.2	0.14	281	2.98	0.01
ZZ30945		0.75	137.0	2.24	2.41	0.15	0.12	0.46	0.041	0.13	17.1	2.3	0.08	54	31.2	0.01
ZZ30946		0.52	92.3	3.32	2.04	0.08	0.09	0.38	0.042	0.13	12.8	2.4	0.35	175	7.48	0.01
ZZ30947		0.64	60.0	3.54	1.22	0.08	0.07	0.26	0.040	0.18	8.2	1.8	0.04	108	11.85	0.01
ZZ30948		0.93	70.9	3.43	1.37	0.08	0.05	0.26	0.044	0.15	5.8	1.5	0.04	115	12.95	0.01
ZZ30949		0.33	106.5	4.89	1.71	0.08	0.13	0.21	0.069	0.17	5.8	3.2	0.23	243	12.90	0.01
ZZ30950		0.46	61.7	2.95	1.18	0.06	0.05	0.24	0.039	0.13	5.5	1.5	0.06	105	8.23	0.01
ZZ30951		0.46	72.4	2.98	1.46	0.07	0.09	0.26	0.045	0.09	4.7	2.4	0.05	74	8.47	<0.01
ZZ30952		0.70	73.8	2.75	1.01	0.07	0.07	0.16	0.037	0.07	3.7	2.5	0.03	109	6.19	<0.01
ZZ30953		0.63	72.6	3.44	0.99	0.07	0.05	0.17	0.047	0.09	5.4	2.6	0.04	71	6.95	0.01
ZZ30954		0.41	93.1	4.25	1.30	0.09	0.06	0.29	0.060	0.15	6.3	1.7	0.05	129	9.65	0.01
ZZ30955		0.36	111.5	3.49	1.11	0.07	0.04	0.25	0.050	0.08	2.7	1.2	0.03	90	13.10	<0.01
ZZ30956		1.72	178.0	6.21	1.99	0.08	0.09	0.21	0.062	0.12	3.9	2.0	0.06	232	8.04	0.01
ZZ30957		0.71	86.9	2.27	2.90	0.11	0.10	0.23	0.034	0.08	13.4	4.5	0.06	68	23.8	<0.01
ZZ30958		5.87	20.0	1.91	3.01	<0.05	0.02	0.11	0.031	0.22	3.7	1.1	0.03	44	10.80	<0.01
ZZ30959		2.72	82.6	2.20	1.69	0.06	0.02	0.12	0.046	0.13	5.2	1.3	0.04	233	5.37	<0.01
ZZ30960		0.86	75.3	2.36	1.94	0.05	0.06	0.19	0.045	0.12	7.3	3.5	0.08	204	5.57	<0.01
ZZ30961		0.32	43.6	2.59	2.40	0.07	0.09	0.58	0.038	0.11	23.4	4.9	0.15	247	10.45	<0.01
ZZ30962		0.55	39.7	2.32	2.04	0.07	0.06	13.75	0.032	0.13	22.0	4.3	0.35	205	20.5	0.01
ZZ30963		0.61	22.2	1.40	0.90	0.05	0.09	6.07	0.019	0.08	15.2	1.7	5.00	103	14.10	0.01
ZZ30964		0.63	22.1	1.61	1.03	0.06	0.04	1.40	0.022	0.10	17.6	2.1	4.19	140	11.80	0.01
ZZ30965		0.30	19.8	1.77	0.90	0.06	0.05	0.08	0.026	0.11	18.6	2.0	0.87	214	3.87	<0.01
ZZ30966		0.34	19.5	1.88	0.76	0.05	0.05	0.11	0.027	0.13	16.5	1.9	1.08	179	3.70	0.01
ZZ30967		0.84	23.7	2.13	0.84	0.06	0.15	0.10	0.028	0.11	15.8	1.6	2.60	128	9.88	0.01
ZZ30968		0.88	26.1	2.38	0.72	0.06	0.15	0.13	0.027	0.12	16.3	1.7	0.97	200	5.39	0.01
ZZ30969		0.90	25.2	2.34	0.89	0.06	0.14	0.08	0.028	0.12	16.9	2.5	1.34	181	6.75	0.01
ZZ30970		1.09	25.8	2.39	1.54	0.06	0.11	0.07	0.034	0.16	18.9	6.3	0.27	268	3.36	0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ30934		0.24	55.1	1800	14.2	6.9	0.001	0.11	1.01	3.5	4.0	0.5	26.2	<0.01	0.16	0.7
ZZ30935		0.21	55.4	2020	12.7	7.3	0.002	0.13	1.05	2.6	3.9	0.5	33.7	<0.01	0.16	0.7
ZZ30936		0.06	96.7	1260	9.4	6.5	0.004	0.03	0.87	5.9	4.1	0.4	63.7	<0.01	0.11	1.0
ZZ30937		0.11	216	5260	11.5	9.6	0.009	0.13	10.75	5.7	19.6	0.6	238	<0.01	0.15	1.3
ZZ30938		0.11	52.2	1810	17.3	10.6	0.004	0.11	4.74	3.1	6.3	0.5	42.2	<0.01	0.11	1.4
ZZ30939		0.11	56.2	1200	17.1	9.8	0.002	0.07	3.43	3.9	4.2	0.4	32.6	<0.01	0.09	2.6
ZZ30940		0.10	52.9	1450	14.8	9.5	0.002	0.10	3.68	3.7	5.1	0.4	46.8	<0.01	0.12	1.4
ZZ30941		0.09	60.1	1110	17.2	10.2	0.002	0.03	3.35	4.5	3.7	0.4	32.1	<0.01	0.10	3.2
ZZ30942		0.14	92.4	1460	13.9	7.9	0.003	0.08	6.48	2.9	5.3	0.4	52.5	<0.01	0.09	1.5
ZZ30943		0.19	57.6	1590	12.0	8.1	0.002	0.11	3.70	2.4	3.5	0.4	39.6	<0.01	0.08	1.3
ZZ30944		0.21	217	5250	22.5	18.8	0.002	0.03	2.25	5.1	18.8	0.7	75.8	<0.01	0.41	6.4
ZZ30945		<0.05	193.5	3700	12.0	8.1	0.011	0.12	4.75	5.6	21.6	0.6	211	<0.01	0.18	4.0
ZZ30946		0.08	148.5	4060	12.6	7.0	0.005	0.06	2.33	3.5	9.0	0.7	101.0	<0.01	0.15	3.4
ZZ30947		0.06	96.1	2210	12.1	10.5	0.007	0.51	2.40	5.3	11.0	0.5	146.0	<0.01	0.12	2.4
ZZ30948		<0.05	103.5	2110	13.5	9.4	0.007	0.33	2.61	5.7	10.8	0.6	125.5	<0.01	0.14	1.9
ZZ30949		0.06	116.5	3520	17.4	8.2	0.005	0.44	3.97	5.0	10.0	0.7	208	<0.01	0.16	2.8
ZZ30950		0.05	85.3	1930	12.2	7.2	0.006	0.35	2.47	3.8	9.4	0.5	120.5	<0.01	0.11	1.2
ZZ30951		0.09	111.0	1620	13.6	6.6	0.012	0.20	2.06	4.4	10.4	0.5	99.1	<0.01	0.12	1.1
ZZ30952		0.06	158.0	1370	11.2	5.4	0.004	0.06	1.66	6.6	6.9	0.4	81.6	<0.01	0.14	2.1
ZZ30953		0.06	109.5	2260	11.1	6.6	0.005	0.24	1.92	6.1	7.8	0.4	104.5	<0.01	0.27	2.5
ZZ30954		0.10	151.5	2280	16.3	9.8	0.005	0.45	2.16	6.3	10.5	0.4	124.0	<0.01	0.33	1.7
ZZ30955		0.05	132.0	1730	13.8	4.7	0.011	0.13	1.85	8.3	7.8	0.5	136.5	<0.01	0.12	0.6
ZZ30956		0.18	108.0	1020	11.4	10.7	0.004	0.23	1.25	15.9	8.5	0.5	59.5	<0.01	0.15	2.9
ZZ30957		0.11	149.5	3140	9.6	7.4	0.005	0.17	2.83	4.5	15.6	0.6	200	<0.01	0.11	0.9
ZZ30958		0.20	11.2	740	17.7	17.6	0.001	0.36	4.13	1.0	4.8	0.7	37.5	<0.01	0.15	0.5
ZZ30959		0.14	38.7	1210	21.1	14.0	0.002	0.02	3.53	3.3	3.5	0.4	13.6	<0.01	0.10	3.0
ZZ30960		0.16	44.1	900	16.4	9.8	0.002	0.03	2.83	3.2	2.7	0.4	19.2	<0.01	0.08	1.7
ZZ30961		0.21	70.8	1330	16.6	7.4	0.001	0.05	3.42	3.3	2.8	0.4	42.1	<0.01	0.06	1.6
ZZ30962		0.16	92.3	1420	16.1	8.7	0.002	0.06	5.81	2.2	4.1	0.4	77.8	<0.01	0.06	0.9
ZZ30963		0.08	56.7	760	11.9	4.5	0.002	0.05	4.96	2.2	2.6	0.2	130.5	<0.01	0.05	1.4
ZZ30964		0.09	57.5	750	10.9	5.3	0.002	0.02	3.68	2.8	2.0	0.3	184.5	<0.01	0.03	2.2
ZZ30965		0.09	31.0	420	10.0	5.9	<0.001	0.04	1.93	3.3	1.9	0.2	310	<0.01	0.04	2.6
ZZ30966		0.07	34.5	410	10.3	5.5	0.001	0.04	1.73	3.4	2.0	0.2	241	<0.01	0.03	2.7
ZZ30967		0.07	46.7	320	13.0	5.8	0.003	0.07	3.71	3.7	2.5	0.2	130.5	<0.01	0.02	5.8
ZZ30968		0.06	44.6	350	12.1	6.5	0.002	0.09	2.33	3.9	3.1	0.2	249	<0.01	0.02	5.4
ZZ30969		0.07	43.5	340	12.7	6.9	0.002	0.07	2.92	3.8	2.9	0.2	166.5	<0.01	0.03	5.7
ZZ30970		0.07	44.7	420	12.8	9.2	0.001	0.06	1.45	4.5	2.5	0.2	187.0	<0.01	0.03	6.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13128449

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30934		0.005	0.20	3.86	62	0.07	45.8	249	1.9
ZZ30935		0.006	0.19	3.69	60	0.10	38.8	256	1.9
ZZ30936		<0.005	0.12	3.30	53	0.05	33.0	317	0.6
ZZ30937		<0.005	0.72	19.95	337	0.45	60.6	1050	1.8
ZZ30938		<0.005	0.82	4.18	109	0.07	14.55	394	<0.5
ZZ30939		<0.005	0.45	2.93	64	<0.05	23.1	348	0.5
ZZ30940		<0.005	0.40	2.75	84	0.05	20.4	275	0.5
ZZ30941		<0.005	0.42	2.12	60	<0.05	19.35	373	1.2
ZZ30942		<0.005	0.63	5.02	251	0.12	30.4	600	2.4
ZZ30943		<0.005	0.35	3.68	139	0.09	23.9	350	2.6
ZZ30944		<0.005	0.31	13.10	106	0.12	69.8	890	3.1
ZZ30945		<0.005	0.28	14.55	175	0.28	63.2	732	6.8
ZZ30946		<0.005	0.32	9.07	105	0.10	46.6	478	2.9
ZZ30947		<0.005	0.47	5.29	65	0.11	36.0	326	2.8
ZZ30948		<0.005	0.41	5.83	75	0.12	33.1	374	2.0
ZZ30949		<0.005	0.82	8.36	87	0.15	43.5	484	5.3
ZZ30950		<0.005	0.46	4.69	66	0.08	26.9	383	1.7
ZZ30951		<0.005	0.28	8.12	59	0.08	32.9	362	2.6
ZZ30952		<0.005	0.22	6.05	45	0.06	48.7	457	2.4
ZZ30953		<0.005	0.26	5.76	50	0.05	41.1	322	1.9
ZZ30954		<0.005	0.45	8.75	62	0.06	63.2	423	1.9
ZZ30955		<0.005	0.20	6.44	39	0.05	44.3	420	0.8
ZZ30956		0.005	0.20	3.62	81	0.06	41.1	332	13.0
ZZ30957		<0.005	0.21	12.30	116	0.21	58.5	423	3.2
ZZ30958		0.007	0.66	0.79	92	0.09	2.76	51	<0.5
ZZ30959		<0.005	0.39	2.59	46	<0.05	13.40	321	<0.5
ZZ30960		<0.005	0.28	2.36	63	<0.05	19.05	282	1.4
ZZ30961		<0.005	0.39	2.58	134	0.09	31.6	367	2.1
ZZ30962		<0.005	0.69	6.07	195	0.12	30.1	491	1.2
ZZ30963		<0.005	0.75	4.23	125	0.09	20.5	368	2.4
ZZ30964		<0.005	1.47	5.10	90	0.13	20.8	338	1.0
ZZ30965		<0.005	0.20	1.32	45	<0.05	20.2	130	1.1
ZZ30966		<0.005	0.22	1.45	29	<0.05	17.95	140	1.3
ZZ30967		<0.005	0.37	2.44	55	<0.05	18.70	280	6.2
ZZ30968		<0.005	0.30	1.86	35	<0.05	19.15	198	5.7
ZZ30969		<0.005	0.30	1.86	43	<0.05	18.20	225	5.8
ZZ30970		<0.005	0.23	1.34	34	<0.05	19.55	158	4.6

***** See Appendix Page for comments regarding this certificate *****

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Project: Nadaleen

Finalized Date: 26-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13128449

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 29-JUL-2013
Account: RCM

CERTIFICATE WH13130963

Project: Nadaleen
P.O. No.: SO13-08
This report is for 128 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ30971		0.33	0.002	0.14	0.53	13.8	<0.2	<10	270	0.93	0.09	1.89	0.18	36.1	26.4	21
ZZ30972		0.31	0.003	0.35	0.42	16.3	<0.2	<10	390	1.11	0.11	4.15	0.44	35.3	18.0	15
ZZ30973		0.23	0.004	1.41	0.34	10.8	<0.2	<10	120	0.92	0.18	6.14	2.36	35.2	10.6	10
ZZ30974		0.19	0.004	0.44	0.82	55.3	<0.2	10	120	0.84	0.19	5.82	2.48	42.9	10.2	26
ZZ30975		0.26	0.008	0.86	0.67	104	<0.2	10	320	1.03	0.16	10.75	4.54	41.8	8.8	22
ZZ30976		0.29	0.007	1.33	0.72	225	<0.2	10	160	0.88	0.22	15.90	4.90	43.7	7.5	37
ZZ30977		0.36	0.007	1.13	0.42	143	<0.2	<10	90	0.70	0.11	21.5	5.21	31.2	5.2	28
ZZ30978		0.32	0.006	1.20	0.40	65	<0.2	<10	640	0.71	0.13	10.65	7.61	19.80	5.0	21
ZZ30979		0.15	0.007	1.08	0.66	80.6	<0.2	<10	330	1.00	0.18	5.46	5.49	28.6	7.4	24
ZZ30980		0.26	0.005	3.18	1.05	19.5	<0.2	<10	1250	0.70	0.19	0.93	1.28	13.30	4.0	76
ZZ30981		0.31	0.004	0.76	1.32	20.3	<0.2	<10	820	0.61	0.26	0.12	0.30	18.15	6.1	38
ZZ30982		0.30	0.006	1.38	0.61	16.8	<0.2	<10	1970	0.88	0.18	0.73	0.71	6.48	6.4	37
ZZ30983		0.32	0.008	1.70	0.45	13.2	<0.2	<10	1290	0.86	0.18	0.30	0.49	4.50	6.5	25
ZZ30984		0.17	0.009	6.81	0.59	30.3	<0.2	<10	1530	0.80	0.18	1.24	6.48	7.88	7.5	63
ZZ30985		0.28	0.013	12.15	0.63	42.9	<0.2	10	1790	0.99	0.20	2.49	19.90	12.00	4.4	98
ZZ30986		0.42	0.013	7.22	0.50	61.7	<0.2	<10	130	0.82	0.28	1.22	5.55	24.1	8.3	32
ZZ30987		0.34	0.011	2.54	0.34	14.1	<0.2	<10	1290	0.57	0.18	0.64	0.66	3.85	6.6	21
ZZ30988		0.20	0.007	2.58	0.29	20.1	<0.2	<10	1220	0.49	0.12	1.92	2.24	4.02	4.2	19
ZZ30989		0.39	0.006	1.90	0.30	24.7	<0.2	<10	1770	0.71	0.18	1.53	1.02	3.30	6.1	14
ZZ30990		0.41	0.005	2.13	0.67	25.6	<0.2	10	880	0.79	0.34	5.51	2.15	13.30	15.8	32
ZZ30991		0.44	0.001	0.08	0.42	39.7	<0.2	<10	180	1.35	0.31	1.74	0.10	11.15	15.8	9
ZZ30992		0.44	0.001	0.04	1.00	18.8	<0.2	<10	330	1.54	0.36	0.47	0.04	10.55	21.0	22
ZZ30993		0.33	0.001	0.07	0.31	21.3	<0.2	<10	100	1.10	0.31	1.40	0.11	13.45	12.5	8
ZZ30994		0.34	0.002	1.33	0.48	11.1	<0.2	<10	160	1.45	0.20	3.23	6.63	24.2	19.3	11
ZZ30995		0.31	0.001	0.26	0.62	11.4	<0.2	<10	150	1.45	0.27	0.70	0.76	19.10	16.7	14
ZZ30996		0.34	0.009	5.32	0.99	104.0	<0.2	<10	180	1.38	0.37	0.33	7.57	32.1	5.7	49
ZZ30997		0.25	0.003	1.07	0.91	18.4	<0.2	<10	230	1.61	0.10	2.13	2.39	47.2	16.9	12
ZZ30998		0.31	0.001	0.09	1.08	13.4	<0.2	<10	220	1.16	0.09	1.13	0.24	37.0	14.9	39
ZZ30999		0.34	0.004	0.91	0.91	12.3	<0.2	<10	370	0.98	0.13	1.27	0.83	31.8	9.3	20
ZZ31000		0.31	0.002	0.61	0.64	10.1	<0.2	<10	160	1.02	0.21	6.90	2.09	37.4	9.7	15
ZZ78001		0.34	0.002	0.50	0.32	7	<0.2	<10	120	0.62	0.13	14.60	1.67	30.6	7.3	7
ZZ78002		0.27	0.002	0.63	0.41	8	<0.2	<10	110	0.69	0.13	11.40	1.31	33.4	7.8	9
ZZ78003		0.23	0.002	0.61	0.70	11.5	<0.2	<10	170	0.89	0.19	4.66	1.27	50.0	10.6	13
ZZ78004		0.26	0.002	0.45	0.48	13.7	<0.2	<10	160	0.91	0.16	8.71	1.27	35.3	10.2	10
ZZ78005		0.34	0.008	0.90	0.78	18.6	<0.2	<10	230	0.98	0.21	1.61	2.76	36.8	12.7	15
ZZ78006		0.32	0.007	0.89	0.85	19.4	<0.2	<10	190	0.95	0.19	1.67	2.93	36.1	10.3	16
ZZ78007		0.27	0.002	0.53	0.35	11	<0.2	<10	90	0.71	0.14	10.85	2.75	36.9	8.2	10
ZZ78008		0.20	0.002	0.69	0.48	11.1	<0.2	<10	130	0.90	0.17	6.73	2.87	38.5	9.7	11
ZZ78009		0.26	0.005	0.44	1.61	18.0	<0.2	<10	310	0.84	0.20	0.38	1.50	32.2	10.3	29
ZZ78010		0.30	0.007	2.01	0.42	19.7	<0.2	<10	1290	0.61	0.16	0.77	1.41	8.42	5.8	25

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ30971		1.29	33.2	5.31	1.60	0.07	0.05	0.05	0.054	0.14	16.9	3.4	0.09	334	2.13	0.01
ZZ30972		1.94	40.7	4.22	1.16	0.08	0.05	0.06	0.051	0.17	19.5	1.8	0.09	262	4.70	0.02
ZZ30973		0.55	37.3	2.17	1.10	0.06	0.06	0.12	0.035	0.13	24.0	1.9	3.21	180	6.78	0.01
ZZ30974		0.91	43.0	2.33	2.69	0.07	0.05	0.59	0.032	0.13	27.9	7.5	2.50	269	97.8	0.01
ZZ30975		0.64	39.1	2.18	2.26	0.08	0.08	28.1	0.033	0.15	29.8	4.6	2.55	303	56.6	0.01
ZZ30976		0.89	99.4	2.33	3.30	0.13	0.15	3.22	0.030	0.16	32.2	5.2	2.51	170	129.5	0.01
ZZ30977		0.73	46.7	1.48	1.70	0.08	0.04	5.81	0.018	0.10	28.4	3.0	3.66	197	39.3	0.01
ZZ30978		0.80	52.8	1.55	1.83	0.07	0.08	1.16	0.023	0.12	17.1	2.3	1.92	132	46.6	0.01
ZZ30979		0.94	51.5	2.09	2.32	0.08	0.09	2.15	0.033	0.13	22.7	3.5	1.61	200	43.9	0.01
ZZ30980		1.57	31.4	2.06	3.53	<0.05	0.02	0.11	0.032	0.04	8.6	4.8	0.11	168	6.66	0.01
ZZ30981		2.55	69.9	4.28	4.98	0.05	<0.02	0.12	0.049	0.06	9.5	9.8	0.24	166	7.82	0.01
ZZ30982		1.13	73.5	3.04	1.87	0.05	0.03	0.23	0.033	0.05	4.2	2.4	0.06	167	5.95	<0.01
ZZ30983		1.54	119.5	2.67	1.32	0.06	0.03	0.32	0.041	0.06	3.6	0.8	0.02	53	5.31	<0.01
ZZ30984		0.88	70.9	2.51	1.96	0.08	0.06	0.37	0.039	0.07	8.0	2.1	0.04	166	22.1	<0.01
ZZ30985		0.86	135.0	2.59	2.06	0.12	0.07	0.46	0.042	0.11	13.6	2.6	0.07	40	30.4	<0.01
ZZ30986		0.90	93.2	5.80	1.65	0.15	0.03	0.32	0.058	0.32	19.6	2.3	0.07	94	36.7	0.03
ZZ30987		1.01	99.9	2.69	1.03	0.07	0.03	0.59	0.033	0.08	2.6	1.5	0.06	86	8.02	0.01
ZZ30988		0.59	50.4	2.07	0.92	0.06	0.06	0.20	0.026	0.08	2.6	1.1	0.04	52	9.16	0.01
ZZ30989		1.00	65.2	2.59	1.01	0.05	0.14	0.19	0.037	0.09	2.0	0.9	0.03	51	9.21	<0.01
ZZ30990		0.91	73.0	3.52	2.31	0.09	0.05	0.63	0.058	0.16	13.3	2.7	0.44	148	31.9	0.01
ZZ30991		1.27	28.0	2.39	1.51	<0.05	0.10	0.05	0.034	0.13	3.5	3.1	0.08	1380	2.18	0.01
ZZ30992		3.58	42.2	2.89	3.64	0.05	0.05	0.01	0.026	0.17	3.4	17.3	0.43	1290	1.32	0.01
ZZ30993		1.10	25.0	2.38	1.42	<0.05	0.14	0.02	0.030	0.11	3.7	1.6	0.46	1240	1.09	0.01
ZZ30994		2.16	44.5	3.54	1.69	0.07	0.22	0.07	0.045	0.24	9.4	2.9	0.93	402	7.08	0.01
ZZ30995		1.54	30.8	2.87	2.52	0.05	0.04	0.04	0.040	0.25	7.5	2.5	0.14	337	2.35	0.01
ZZ30996		2.20	198.5	2.53	5.81	0.12	<0.02	0.36	0.042	0.14	19.5	3.9	0.08	75	160.0	0.01
ZZ30997		1.30	43.0	4.45	2.67	0.09	0.04	0.07	0.067	0.20	22.6	2.6	0.10	834	6.88	0.01
ZZ30998		0.30	19.1	4.83	3.01	0.09	0.05	0.02	0.061	0.17	17.9	5.9	0.12	489	1.13	0.01
ZZ30999		0.41	36.9	4.32	2.42	0.07	0.07	0.09	0.046	0.21	20.1	4.0	0.06	216	4.31	0.05
ZZ31000		0.34	35.8	2.44	1.70	0.07	0.06	0.08	0.038	0.18	26.5	3.2	2.17	204	6.52	0.01
ZZ78001		0.39	22.9	1.71	0.89	0.06	0.02	0.09	0.026	0.13	18.9	2.2	3.59	177	4.98	0.01
ZZ78002		0.25	22.0	2.07	1.11	0.06	0.06	0.05	0.029	0.15	21.8	2.7	2.84	157	3.82	0.01
ZZ78003		0.15	25.8	2.66	1.79	0.09	0.15	0.02	0.035	0.20	27.8	4.3	0.99	300	4.44	0.01
ZZ78004		0.37	22.8	2.38	1.40	0.06	0.04	0.09	0.031	0.16	20.2	2.9	2.63	208	7.32	0.01
ZZ78005		0.63	61.6	2.88	2.35	0.07	0.08	0.20	0.038	0.14	21.8	4.1	0.24	335	10.30	0.01
ZZ78006		0.58	50.1	2.73	2.51	0.08	0.06	0.22	0.036	0.12	23.3	5.5	0.25	323	9.84	0.01
ZZ78007		0.46	22.3	1.94	1.16	0.07	0.06	0.08	0.024	0.13	23.0	2.8	3.70	175	7.79	0.01
ZZ78008		0.34	28.7	2.24	1.44	0.06	0.08	0.09	0.032	0.13	23.6	3.7	3.05	226	6.18	0.01
ZZ78009		1.45	34.5	2.80	4.75	0.05	<0.02	0.07	0.032	0.08	17.1	13.4	0.39	350	5.54	0.01
ZZ78010		0.48	65.3	2.48	1.27	0.06	0.04	0.21	0.031	0.09	5.5	2.4	0.06	118	7.67	0.01

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Finalized Date: 29- JUL- 2013
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CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ30971		0.22	85.4	1640	11.9	6.4	0.001	0.04	0.50	9.1	1.0	0.5	92.4	<0.01	0.02	4.2
ZZ30972		0.22	93.1	1920	13.2	7.9	0.002	0.19	1.29	7.8	2.3	0.4	152.5	<0.01	0.04	3.7
ZZ30973		0.12	64.3	1410	13.9	6.5	0.001	0.04	2.66	5.5	4.2	0.2	92.9	<0.01	0.04	3.0
ZZ30974		0.40	116.0	1860	17.1	9.0	0.002	0.09	7.07	1.6	3.6	0.7	46.3	<0.01	0.07	0.7
ZZ30975		0.17	111.0	1790	22.4	7.0	0.003	0.08	9.32	2.0	3.9	0.5	77.5	<0.01	0.09	1.0
ZZ30976		0.18	229	3810	24.8	7.7	0.003	0.06	12.65	2.4	11.6	0.7	105.0	<0.01	0.16	1.6
ZZ30977		0.13	136.5	2180	13.7	5.7	0.004	0.03	7.96	2.6	7.3	0.4	145.0	<0.01	0.09	1.5
ZZ30978		0.09	138.5	1440	11.7	7.5	0.004	0.13	11.35	2.0	6.8	0.5	90.6	<0.01	0.15	0.9
ZZ30979		0.17	136.0	1890	15.4	9.1	0.003	0.11	9.11	2.1	6.0	0.5	44.8	<0.01	0.09	1.0
ZZ30980		0.19	56.0	2220	9.3	8.8	0.002	0.06	1.74	1.3	3.8	0.6	112.0	<0.01	0.08	0.2
ZZ30981		0.39	47.0	1240	11.4	9.6	0.002	0.06	1.92	2.3	6.1	0.6	29.2	<0.01	0.08	0.2
ZZ30982		0.13	88.7	1210	9.6	6.8	0.002	0.02	1.27	5.3	4.3	0.5	79.4	<0.01	0.10	0.9
ZZ30983		<0.05	111.5	1450	8.4	7.1	0.004	0.02	1.20	7.3	6.3	0.5	112.0	<0.01	0.10	0.9
ZZ30984		0.08	83.7	2950	9.1	7.6	0.023	0.14	4.83	4.7	12.0	0.5	138.0	<0.01	0.14	0.7
ZZ30985		0.07	196.0	4350	12.9	8.6	0.048	0.19	9.62	5.7	20.3	0.7	264	<0.01	0.20	1.4
ZZ30986		0.05	117.0	6430	19.5	21.5	0.047	0.92	12.05	6.7	31.7	0.6	268	<0.01	0.32	5.1
ZZ30987		<0.05	115.0	1330	9.7	6.2	0.006	0.07	1.76	8.0	7.6	0.4	101.0	<0.01	0.12	1.6
ZZ30988		<0.05	86.7	1560	7.4	5.2	0.013	0.20	2.14	3.4	14.2	0.4	158.0	<0.01	0.08	0.4
ZZ30989		<0.05	117.0	990	11.0	6.5	0.014	0.08	2.27	5.7	7.5	0.4	127.0	<0.01	0.09	1.8
ZZ30990		0.08	154.5	2140	31.6	9.7	0.005	0.04	2.09	6.5	12.4	0.8	78.0	<0.01	0.15	4.0
ZZ30991		<0.05	29.6	430	17.2	6.5	<0.001	<0.01	0.31	4.7	0.6	0.5	25.6	<0.01	0.01	4.9
ZZ30992		0.30	29.0	330	25.9	17.3	<0.001	<0.01	0.37	4.6	0.5	0.8	16.1	<0.01	0.02	5.9
ZZ30993		<0.05	22.4	480	16.7	6.2	<0.001	<0.01	0.38	4.4	0.4	0.4	25.3	<0.01	<0.01	5.1
ZZ30994		0.14	54.7	780	17.5	12.5	0.007	0.09	4.10	7.2	5.0	0.6	76.8	<0.01	0.02	6.7
ZZ30995		0.09	38.7	670	17.8	13.7	<0.001	0.02	0.88	5.1	1.4	0.6	22.7	<0.01	0.17	4.5
ZZ30996		0.10	142.0	3450	63.3	11.0	0.004	0.17	54.8	0.2	19.5	0.8	58.1	<0.01	0.76	<0.2
ZZ30997		0.66	40.2	2390	11.2	8.7	0.001	0.04	4.73	5.6	2.3	0.7	55.8	<0.01	0.05	2.8
ZZ30998		0.22	43.4	1150	7.1	7.7	<0.001	0.05	0.30	8.4	0.9	0.5	34.6	<0.01	0.02	2.1
ZZ30999		0.19	66.8	1580	11.7	7.2	0.001	0.42	2.04	4.8	3.5	0.5	152.5	<0.01	0.07	1.4
ZZ31000		0.09	60.7	1270	14.7	8.5	0.001	0.04	2.88	3.6	2.9	0.3	79.1	<0.01	0.04	1.7
ZZ78001		0.05	40.3	630	10.3	6.1	0.001	0.01	2.41	3.5	2.3	0.2	202	<0.01	0.01	2.9
ZZ78002		0.06	40.1	820	10.7	6.3	0.001	0.02	1.85	3.4	1.9	0.2	154.0	<0.01	0.01	2.6
ZZ78003		0.09	50.1	910	14.6	7.1	0.001	0.04	2.18	3.8	2.4	0.3	63.9	<0.01	0.01	2.8
ZZ78004		0.08	53.9	750	12.3	7.2	<0.001	0.02	2.52	3.1	1.9	0.3	92.9	<0.01	0.03	1.5
ZZ78005		0.17	79.7	1410	16.6	9.5	0.001	0.03	4.76	4.2	3.6	0.4	38.5	<0.01	0.05	2.5
ZZ78006		0.26	67.5	1580	15.3	7.8	0.001	0.05	4.76	3.5	3.5	0.4	38.0	<0.01	0.07	1.7
ZZ78007		0.08	47.7	860	10.9	6.2	0.001	0.03	3.21	3.5	2.5	0.2	119.5	<0.01	0.01	2.8
ZZ78008		0.10	52.8	910	14.1	6.9	0.001	0.03	2.97	3.7	2.5	0.3	84.6	<0.01	0.04	2.5
ZZ78009		0.31	52.2	1150	12.4	11.6	0.001	0.02	2.21	1.5	1.8	0.5	22.6	<0.01	0.05	0.4
ZZ78010		0.07	87.6	1700	9.5	5.2	0.003	0.10	1.78	5.1	7.0	0.4	83.2	<0.01	0.09	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ30971		<0.005	0.19	0.59	23	<0.05	13.30	183	2.3
ZZ30972		<0.005	0.17	1.50	32	<0.05	19.90	234	2.2
ZZ30973		<0.005	0.20	2.09	61	<0.05	28.8	241	1.7
ZZ30974		0.009	0.56	6.26	261	0.18	30.8	582	1.6
ZZ30975		0.005	1.17	8.04	196	0.21	36.5	652	2.5
ZZ30976		0.006	1.89	20.2	404	0.46	50.3	1100	5.3
ZZ30977		0.006	0.82	10.90	281	0.25	40.0	673	1.6
ZZ30978		<0.005	1.43	7.35	317	0.21	30.1	780	2.7
ZZ30979		<0.005	1.35	7.24	306	0.17	33.0	773	2.7
ZZ30980		0.006	0.39	6.54	140	0.20	24.6	207	0.5
ZZ30981		0.020	0.35	2.89	86	0.27	14.05	203	<0.5
ZZ30982		<0.005	0.13	3.23	75	0.06	29.1	326	1.5
ZZ30983		<0.005	0.15	3.83	42	<0.05	37.5	446	0.6
ZZ30984		<0.005	0.65	11.35	143	0.18	32.8	353	2.2
ZZ30985		<0.005	1.29	18.05	207	0.29	57.5	736	3.0
ZZ30986		<0.005	6.30	7.96	217	0.18	34.5	538	1.7
ZZ30987		<0.005	0.21	3.38	44	<0.05	34.2	350	1.6
ZZ30988		<0.005	0.19	4.31	52	0.06	27.7	292	2.5
ZZ30989		<0.005	0.13	2.70	43	<0.05	25.9	390	7.5
ZZ30990		<0.005	0.16	2.97	52	0.08	41.6	444	2.1
ZZ30991		<0.005	0.14	0.44	13	<0.05	8.28	112	4.5
ZZ30992		0.011	0.17	0.66	18	0.22	9.27	78	2.4
ZZ30993		<0.005	0.14	0.47	13	<0.05	7.00	75	6.5
ZZ30994		<0.005	0.33	1.69	50	<0.05	9.32	459	11.4
ZZ30995		<0.005	0.13	0.64	24	<0.05	9.48	137	2.1
ZZ30996		<0.005	2.27	26.3	1100	0.51	48.5	691	<0.5
ZZ30997		<0.005	0.10	1.58	77	0.07	20.2	472	1.3
ZZ30998		<0.005	0.09	0.42	34	<0.05	14.15	101	1.0
ZZ30999		<0.005	0.23	1.52	70	<0.05	20.7	169	1.8
ZZ31000		<0.005	0.23	1.73	94	<0.05	27.8	258	1.6
ZZ78001		<0.005	0.33	1.65	56	<0.05	19.05	162	1.1
ZZ78002		<0.005	0.25	1.53	47	<0.05	21.5	167	1.7
ZZ78003		<0.005	0.36	0.95	54	<0.05	27.3	195	4.0
ZZ78004		<0.005	0.57	1.78	44	<0.05	21.4	187	1.0
ZZ78005		<0.005	0.41	2.00	98	0.06	30.9	404	2.1
ZZ78006		0.007	0.39	2.17	101	0.09	29.7	336	1.7
ZZ78007		<0.005	0.34	2.35	76	0.05	24.4	254	1.9
ZZ78008		<0.005	0.36	1.80	69	<0.05	24.8	251	2.1
ZZ78009		0.018	0.42	1.42	93	0.23	15.75	241	<0.5
ZZ78010		<0.005	0.19	5.20	60	0.09	36.4	316	1.6

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78011		0.18	0.003	0.41	0.42	23.1	<0.2	<10	150	0.24	0.27	0.02	0.64	7.54	3.9	26
ZZ78012		0.37	0.005	1.22	0.51	20.0	<0.2	<10	540	0.52	0.21	0.10	0.76	6.83	6.1	23
ZZ78013		0.27	0.007	3.86	0.57	38.4	<0.2	<10	320	0.52	0.23	0.03	0.93	6.97	5.1	66
ZZ78014		0.26	0.022	34.6	0.78	59.3	<0.2	10	3390	1.24	0.19	0.82	6.99	10.05	6.4	141
ZZ78015		0.36	0.015	6.33	0.81	38.2	<0.2	10	670	1.01	0.25	1.18	5.54	11.10	6.1	60
ZZ78016		0.44	0.009	2.34	0.89	48.6	<0.2	<10	580	0.62	0.26	0.04	0.67	14.45	3.9	24
ZZ78017		0.22	0.013	5.52	0.59	22.8	<0.2	10	1560	0.59	0.24	1.00	6.09	8.75	3.3	25
ZZ78018		0.29	0.008	6.06	0.64	33.1	<0.2	10	1380	0.79	0.24	0.81	3.18	8.74	4.1	88
ZZ78019		0.40	0.037	0.28	1.01	13.2	<0.2	<10	630	0.90	0.49	0.03	0.18	7.77	11.6	12
ZZ78020		0.24	0.008	3.61	0.85	44.5	<0.2	<10	630	0.69	0.30	0.55	4.62	17.65	4.7	25
ZZ78021		0.32	0.006	1.17	0.71	25.8	<0.2	<10	610	0.48	0.24	0.09	0.58	25.7	4.6	18
ZZ78022		0.35	0.003	0.64	0.50	13.8	<0.2	<10	480	0.30	0.25	0.02	0.31	12.85	1.9	13
ZZ78023		0.42	0.006	0.25	1.07	15.9	<0.2	<10	210	0.52	0.28	0.06	0.58	16.45	8.5	17
ZZ78024		0.30	0.008	0.43	0.79	15.5	<0.2	<10	360	0.59	0.21	0.16	0.87	21.4	10.2	10
ZZ78025		0.31	0.004	0.23	0.60	17.1	<0.2	<10	330	0.43	0.26	0.06	0.65	11.90	8.9	9
ZZ78026		0.30	0.011	0.69	1.03	19.1	<0.2	<10	370	0.71	0.23	0.18	1.57	32.1	12.3	15
ZZ78027		0.23	0.004	0.25	1.36	14.4	<0.2	<10	270	0.36	0.26	0.05	0.49	18.15	4.9	23
ZZ78028		0.35	0.003	0.34	0.98	20.4	<0.2	<10	260	0.36	0.26	0.03	0.67	16.50	6.8	20
ZZ78029		0.25	0.003	0.25	1.18	18.3	<0.2	<10	230	0.52	0.28	0.04	0.84	23.4	7.0	23
ZZ78030		0.33	0.003	0.24	1.04	21.8	<0.2	<10	240	0.56	0.22	0.04	1.43	22.4	6.0	23
ZZ78031		0.27	0.005	0.28	1.53	24.0	<0.2	<10	190	0.86	0.20	0.09	1.78	22.1	13.6	25
ZZ78032		0.25	0.006	0.77	0.63	9.3	<0.2	<10	950	0.69	0.17	0.63	4.42	21.6	6.5	16
ZZ78033		0.35	0.006	0.51	1.12	15.3	<0.2	<10	1030	0.86	0.23	0.38	1.93	21.5	6.7	20
ZZ78034		0.33	0.005	0.44	1.07	27.0	<0.2	<10	230	0.64	0.21	0.10	1.30	17.40	10.4	20
ZZ78035		0.29	0.004	0.23	0.95	25.0	<0.2	<10	260	0.62	0.21	0.11	1.76	13.65	9.3	25
ZZ78036		0.26	0.005	0.24	0.98	24.8	<0.2	<10	760	0.73	0.20	0.35	1.98	28.0	12.2	20
ZZ78037		0.32	0.004	0.24	1.55	15.8	<0.2	<10	210	0.84	0.30	0.11	0.60	27.3	10.7	28
ZZ78038		0.30	0.001	0.02	2.02	15.0	<0.2	<10	70	1.33	0.58	0.01	0.28	13.50	27.5	39
ZZ78039		0.22	0.002	0.07	1.45	11.4	<0.2	<10	130	0.67	0.34	0.04	0.32	17.95	8.4	25
ZZ78040		0.26	0.002	0.04	1.85	5.3	<0.2	<10	230	1.67	0.47	0.03	0.14	16.80	20.0	34
ZZ78041		0.33	0.001	0.05	1.46	12.1	<0.2	<10	240	1.17	0.46	0.27	0.63	14.60	16.6	29
ZZ78042		0.29	0.001	0.12	1.43	6.7	<0.2	<10	390	1.26	0.44	0.30	0.28	13.55	9.6	24
ZZ78043		0.23	0.002	0.08	1.42	10.4	<0.2	<10	130	0.48	0.34	0.04	0.40	18.10	6.9	22
ZZ78044		0.18	0.003	0.22	1.45	11.7	<0.2	<10	730	1.25	0.38	0.40	0.46	21.8	11.8	26
ZZ78045		0.27	0.002	0.15	1.43	26.0	<0.2	<10	250	0.71	0.31	0.05	1.11	15.20	8.2	24
ZZ78046		0.25	0.009	0.18	1.15	11.0	<0.2	<10	200	1.35	0.32	0.69	0.18	28.5	10.2	18
ZZ78047		0.22	0.003	0.09	0.67	8.8	<0.2	<10	90	0.79	0.35	0.89	0.15	17.10	9.3	13
ZZ78048		0.31	0.003	0.22	1.51	14.6	<0.2	<10	150	1.47	0.37	0.95	0.20	30.5	14.7	23
ZZ78049		0.26	0.002	0.17	1.06	25.8	<0.2	<10	240	1.45	0.40	0.80	0.26	27.9	16.3	18
ZZ78050		0.19	0.002	0.05	0.92	10.4	<0.2	<10	250	0.61	0.29	0.90	0.12	9.16	7.2	14

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Finalized Date: 29-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78011		0.85	34.1	2.33	3.51	<0.05	<0.02	0.04	0.033	0.08	3.8	1.4	0.03	52	11.40	<0.01
ZZ78012		0.69	53.7	2.75	2.15	<0.05	<0.02	0.09	0.036	0.07	4.1	2.0	0.04	122	8.77	<0.01
ZZ78013		0.44	93.7	3.09	2.96	0.07	0.02	0.09	0.040	0.11	6.5	2.1	0.03	64	33.5	<0.01
ZZ78014		0.42	158.5	3.25	2.02	0.17	0.04	0.98	0.037	0.05	20.4	3.6	0.03	75	17.35	<0.01
ZZ78015		0.51	137.0	3.57	2.58	0.12	0.06	0.44	0.057	0.21	10.1	4.9	0.08	119	29.0	0.02
ZZ78016		1.49	80.1	4.96	4.26	0.09	<0.02	0.20	0.062	0.30	6.4	3.4	0.08	115	13.65	0.01
ZZ78017		0.40	77.6	1.66	1.93	0.07	0.07	0.50	0.026	0.15	7.4	2.9	0.04	61	21.6	<0.01
ZZ78018		0.42	114.0	3.16	2.96	0.10	0.05	0.35	0.054	0.13	10.3	3.7	0.04	33	29.1	0.01
ZZ78019		1.31	121.5	4.24	2.23	<0.05	0.02	0.10	0.086	0.11	3.7	4.0	0.09	129	2.87	<0.01
ZZ78020		0.68	40.8	3.64	3.15	0.07	0.02	0.27	0.052	0.22	11.3	6.6	0.07	159	29.3	0.04
ZZ78021		0.98	59.6	4.39	3.43	0.06	<0.02	0.14	0.047	0.19	11.5	1.9	0.06	146	11.30	0.02
ZZ78022		0.84	27.8	2.16	2.97	<0.05	<0.02	0.05	0.027	0.19	5.4	1.2	0.03	35	10.20	0.01
ZZ78023		1.11	44.0	3.38	3.86	0.05	<0.02	0.08	0.042	0.12	6.6	5.7	0.16	286	5.46	0.01
ZZ78024		0.94	59.0	2.81	2.05	0.06	0.04	0.13	0.040	0.12	8.9	5.3	0.07	233	6.80	0.01
ZZ78025		0.94	53.0	2.87	2.71	0.05	<0.02	0.08	0.035	0.13	5.1	1.8	0.04	547	7.90	<0.01
ZZ78026		1.22	70.8	3.08	2.39	0.07	0.05	0.17	0.044	0.15	11.4	6.5	0.10	365	7.18	0.01
ZZ78027		1.23	18.7	2.42	5.84	<0.05	<0.02	0.08	0.026	0.06	9.5	8.0	0.20	185	5.93	<0.01
ZZ78028		0.82	32.5	2.94	4.42	0.05	<0.02	0.06	0.035	0.10	8.1	3.5	0.09	240	11.95	0.01
ZZ78029		0.88	28.1	3.69	6.20	0.06	<0.02	0.06	0.037	0.09	10.3	5.5	0.17	262	5.08	<0.01
ZZ78030		1.22	38.0	3.06	4.62	0.05	<0.02	0.09	0.031	0.10	11.0	5.6	0.14	237	13.15	<0.01
ZZ78031		1.17	61.5	5.59	4.42	0.06	0.03	0.11	0.054	0.10	9.0	13.1	0.25	515	9.69	<0.01
ZZ78032		0.55	36.3	1.55	2.17	0.06	0.05	0.18	0.035	0.13	11.0	5.1	0.11	58	3.84	<0.01
ZZ78033		3.12	40.0	2.36	3.55	0.06	0.07	0.16	0.038	0.09	11.7	14.7	0.24	308	6.92	<0.01
ZZ78034		3.43	44.8	2.76	3.55	0.05	0.02	0.10	0.031	0.09	8.5	9.5	0.19	329	11.25	<0.01
ZZ78035		1.86	46.8	3.01	3.26	<0.05	0.02	0.07	0.039	0.10	6.0	4.6	0.12	427	12.95	<0.01
ZZ78036		1.08	44.3	2.55	3.45	0.07	<0.02	0.10	0.027	0.07	13.9	11.8	0.33	396	8.91	0.01
ZZ78037		1.67	34.3	2.96	5.42	0.05	<0.02	0.06	0.031	0.08	13.3	17.3	0.40	392	3.36	<0.01
ZZ78038		2.08	29.7	4.92	9.94	<0.05	0.04	0.03	0.053	0.09	4.4	29.1	0.49	2230	0.87	0.01
ZZ78039		1.75	20.8	2.85	6.85	<0.05	<0.02	0.04	0.027	0.07	8.6	13.4	0.25	379	2.25	<0.01
ZZ78040		3.75	31.2	3.55	7.68	<0.05	0.04	0.03	0.034	0.18	6.6	34.0	0.47	628	0.84	0.01
ZZ78041		2.18	37.7	3.61	7.20	<0.05	0.03	0.03	0.040	0.12	5.6	24.8	0.41	636	2.14	<0.01
ZZ78042		2.04	24.6	3.19	6.81	<0.05	0.10	0.03	0.033	0.13	6.0	21.9	0.35	367	1.20	0.01
ZZ78043		1.89	16.2	2.77	7.12	<0.05	<0.02	0.03	0.029	0.08	8.3	12.0	0.19	339	2.58	<0.01
ZZ78044		2.33	33.1	3.09	6.59	<0.05	0.06	0.06	0.034	0.11	7.1	23.6	0.35	824	2.28	0.01
ZZ78045		2.24	32.2	3.34	5.47	<0.05	0.02	0.04	0.037	0.11	6.2	9.3	0.21	295	5.34	<0.01
ZZ78046		1.74	31.8	4.00	3.53	0.08	0.06	0.10	0.045	0.08	12.8	18.4	0.24	479	0.71	<0.01
ZZ78047		1.65	33.6	3.24	3.25	<0.05	0.02	0.08	0.025	0.08	5.8	7.3	0.11	360	0.79	0.01
ZZ78048		2.54	37.4	4.50	4.51	0.09	0.07	0.06	0.034	0.10	15.3	37.0	0.41	807	0.78	0.01
ZZ78049		1.87	39.4	5.24	3.15	0.07	0.05	0.59	0.037	0.08	10.9	12.1	0.27	945	1.00	0.01
ZZ78050		1.06	23.9	2.41	3.69	<0.05	0.06	0.05	0.016	0.08	4.1	5.2	0.12	275	1.55	<0.01

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ78011		0.06	62.1	1640	15.8	8.2	0.001	0.11	2.26	0.2	4.8	0.6	31.6	<0.01	0.08	<0.2
ZZ78012		0.14	78.0	1840	12.4	6.4	0.002	0.07	1.76	1.3	5.0	0.5	36.8	<0.01	0.11	0.3
ZZ78013		0.09	143.0	1960	13.0	8.8	0.001	0.32	3.09	1.6	13.5	0.8	58.8	<0.01	0.16	0.3
ZZ78014		<0.05	242	2670	11.2	4.7	0.006	0.09	5.18	6.4	21.3	0.5	104.0	<0.01	0.24	0.7
ZZ78015		0.13	150.5	3670	15.5	11.3	0.007	0.55	3.96	4.9	15.4	0.6	188.0	<0.01	0.18	1.0
ZZ78016		0.19	40.1	2400	16.7	18.3	0.004	0.71	6.63	1.1	10.0	0.7	157.5	<0.01	0.17	0.4
ZZ78017		0.12	71.3	1580	15.5	7.2	0.002	0.28	4.30	2.2	13.5	0.5	101.5	<0.01	0.16	1.0
ZZ78018		0.06	167.5	3030	11.5	8.9	0.006	0.37	3.05	3.9	16.7	0.8	117.5	<0.01	0.15	0.8
ZZ78019		0.16	36.9	610	30.7	13.3	0.001	0.08	0.93	7.1	2.3	0.4	19.7	<0.01	0.76	1.6
ZZ78020		0.16	53.2	4360	22.8	14.3	0.005	0.54	6.12	0.7	13.1	0.6	139.0	<0.01	0.23	0.3
ZZ78021		0.16	38.1	3300	18.1	10.3	0.001	0.45	4.66	0.6	4.8	0.5	63.8	<0.01	0.10	0.5
ZZ78022		0.11	15.6	1240	17.5	12.3	0.001	0.31	3.42	0.3	2.3	0.7	28.5	<0.01	0.08	<0.2
ZZ78023		0.16	37.9	1740	19.3	11.2	0.001	0.11	3.26	0.4	2.4	0.5	24.4	<0.01	0.08	0.2
ZZ78024		0.20	52.9	1880	17.1	9.1	0.001	0.08	4.19	2.3	3.3	0.4	29.3	<0.01	0.07	2.7
ZZ78025		0.23	45.9	1510	19.8	12.8	0.001	0.08	4.30	1.2	3.2	0.5	18.7	<0.01	0.08	0.6
ZZ78026		0.24	65.6	2150	18.8	11.7	0.002	0.15	4.16	3.5	3.8	0.5	44.2	<0.01	0.09	3.8
ZZ78027		0.33	19.6	910	13.0	9.5	<0.001	0.08	2.08	0.4	1.9	0.7	12.6	<0.01	0.06	<0.2
ZZ78028		0.28	37.3	1280	14.9	11.3	0.001	0.12	4.04	0.7	3.1	0.6	24.9	<0.01	0.08	0.2
ZZ78029		0.27	29.5	1140	17.5	9.8	0.001	0.10	2.20	0.5	2.3	0.6	14.0	<0.01	0.06	<0.2
ZZ78030		0.21	44.4	1550	15.6	12.9	0.001	0.10	3.40	0.8	2.3	0.6	16.5	<0.01	0.09	0.2
ZZ78031		0.40	48.2	1990	19.8	8.1	0.002	0.10	3.93	2.3	2.8	0.6	12.8	<0.01	0.08	0.9
ZZ78032		0.18	52.3	1470	9.7	11.0	0.002	0.04	2.12	4.0	1.8	0.4	41.8	<0.01	0.08	3.6
ZZ78033		0.26	47.4	1080	11.0	13.2	0.004	0.04	2.20	4.1	1.5	0.5	27.6	<0.01	0.07	2.4
ZZ78034		0.26	49.9	1470	13.1	11.5	0.001	0.08	4.39	1.3	2.9	0.5	20.4	<0.01	0.08	0.6
ZZ78035		0.28	51.2	1770	14.3	12.7	0.001	0.09	4.60	1.3	3.3	0.5	27.0	<0.01	0.10	0.5
ZZ78036		0.42	62.4	1110	13.4	7.2	0.002	0.03	3.78	4.1	2.3	0.4	28.8	<0.01	0.04	4.0
ZZ78037		0.44	33.5	960	14.7	13.8	0.001	0.04	1.45	2.0	1.3	0.7	13.4	<0.01	0.04	0.7
ZZ78038		0.47	32.4	540	43.2	13.2	<0.001	0.03	0.28	5.2	0.6	1.2	6.3	<0.01	0.02	3.7
ZZ78039		0.49	19.0	650	14.4	20.4	<0.001	0.04	0.82	1.1	0.6	0.9	7.4	<0.01	0.03	0.4
ZZ78040		0.56	31.8	380	19.3	26.9	<0.001	0.04	0.33	4.1	0.6	1.1	11.2	<0.01	0.02	2.9
ZZ78041		0.58	29.3	580	23.2	17.8	<0.001	0.04	0.87	3.5	0.8	1.0	12.0	<0.01	0.03	1.7
ZZ78042		0.41	21.3	570	16.6	21.6	<0.001	0.05	0.39	4.2	0.7	1.1	34.2	<0.01	0.04	2.6
ZZ78043		0.61	15.3	620	12.8	18.2	<0.001	0.04	0.78	1.1	0.6	1.0	7.2	<0.01	0.04	0.4
ZZ78044		0.45	25.2	750	21.7	21.6	0.001	0.05	0.84	4.0	1.3	0.9	35.0	<0.01	0.04	2.0
ZZ78045		0.48	31.0	930	18.2	16.4	0.001	0.08	2.11	1.8	1.3	0.7	11.6	<0.01	0.06	0.7
ZZ78046		0.26	27.4	1300	29.8	9.7	<0.001	0.12	0.49	5.0	1.4	0.4	34.2	<0.01	0.05	1.5
ZZ78047		0.32	23.1	980	22.7	8.8	<0.001	0.07	0.54	2.3	1.0	0.5	44.7	<0.01	0.07	0.6
ZZ78048		0.29	30.7	970	36.3	10.3	<0.001	0.05	0.54	8.2	1.6	0.5	39.8	<0.01	0.08	2.6
ZZ78049		0.28	37.0	690	34.1	8.7	<0.001	0.03	0.76	6.6	1.2	0.5	36.8	<0.01	0.06	2.2
ZZ78050		0.33	16.1	990	15.0	10.8	<0.001	0.07	0.97	2.5	0.6	0.5	34.6	<0.01	0.06	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78011		<0.005	0.28	1.99	93	0.13	2.99	248	<0.5
ZZ78012		0.005	0.22	3.41	69	0.08	12.40	276	0.5
ZZ78013		<0.005	0.23	8.08	120	0.28	19.05	425	0.7
ZZ78014		<0.005	0.25	13.20	172	0.42	129.5	794	1.5
ZZ78015		<0.005	1.06	15.60	122	0.18	44.9	625	2.2
ZZ78016		0.009	1.24	5.16	141	0.13	8.45	188	<0.5
ZZ78017		<0.005	0.93	6.11	112	0.08	27.9	210	2.1
ZZ78018		<0.005	0.36	12.00	108	0.26	33.9	736	1.6
ZZ78019		0.005	0.09	2.47	44	0.06	13.80	229	0.7
ZZ78020		<0.005	3.40	7.97	216	0.09	15.65	368	<0.5
ZZ78021		0.006	0.70	2.86	135	0.11	5.90	230	<0.5
ZZ78022		0.005	0.44	0.91	119	0.07	2.23	102	<0.5
ZZ78023		0.007	0.41	1.68	60	0.11	6.15	248	<0.5
ZZ78024		<0.005	0.38	2.72	65	0.06	12.10	357	1.2
ZZ78025		0.008	0.42	1.43	73	0.08	5.80	322	<0.5
ZZ78026		<0.005	0.58	3.80	70	0.07	16.80	422	1.5
ZZ78027		0.012	0.35	1.17	95	0.21	3.25	112	<0.5
ZZ78028		0.011	0.60	1.84	141	0.16	5.09	219	<0.5
ZZ78029		0.011	0.32	1.82	94	0.13	7.18	171	<0.5
ZZ78030		0.007	0.54	2.10	151	0.13	6.20	272	<0.5
ZZ78031		0.008	0.50	2.18	104	0.07	8.12	332	0.9
ZZ78032		<0.005	0.30	2.25	102	0.06	23.7	535	1.9
ZZ78033		0.006	0.42	3.30	114	0.07	20.7	384	2.1
ZZ78034		0.007	1.03	2.44	152	0.12	9.46	304	0.6
ZZ78035		0.008	0.51	2.59	222	0.13	7.54	301	0.5
ZZ78036		0.022	0.53	1.85	114	0.15	16.75	310	0.6
ZZ78037		0.016	0.31	1.86	69	0.19	11.05	160	<0.5
ZZ78038		0.011	0.12	0.70	37	<0.05	5.94	123	1.4
ZZ78039		0.012	0.22	0.80	55	0.18	4.39	90	<0.5
ZZ78040		0.013	0.19	0.85	36	0.10	7.18	93	0.9
ZZ78041		0.012	0.15	0.82	50	0.10	4.84	140	0.9
ZZ78042		0.005	0.14	0.71	38	0.05	10.25	109	2.4
ZZ78043		0.013	0.23	0.78	78	0.16	3.12	111	<0.5
ZZ78044		0.007	0.20	1.06	55	0.15	15.70	126	1.3
ZZ78045		0.009	0.45	1.26	99	0.11	5.44	218	0.5
ZZ78046		0.006	0.10	2.60	24	0.05	28.1	82	1.8
ZZ78047		0.009	0.09	1.10	26	0.07	8.17	79	0.5
ZZ78048		0.008	0.12	1.34	30	0.07	26.4	117	1.8
ZZ78049		0.006	0.28	1.05	33	0.09	17.95	91	1.4
ZZ78050		0.006	0.14	0.61	43	0.08	2.92	63	1.4

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Finalized Date: 29-JUL-2013
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CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78051		0.37	0.002	0.04	0.88	24.2	<0.2	<10	230	0.87	0.29	0.27	0.37	14.20	14.9	18
ZZ78052		0.16	0.004	0.60	1.43	27.9	<0.2	<10	340	1.21	0.21	2.08	2.39	26.1	8.1	29
ZZ78053		0.27	0.004	0.34	0.80	31.6	<0.2	<10	210	1.23	0.25	0.31	3.11	25.2	14.2	23
ZZ78054		0.23	0.003	0.68	1.08	30.8	<0.2	<10	240	0.69	0.22	0.20	2.09	14.80	7.0	48
ZZ78055		0.26	0.003	0.39	1.23	19.7	<0.2	<10	860	1.70	0.21	2.40	14.75	20.0	8.8	34
ZZ78056		0.22	0.003	0.25	1.17	34.6	<0.2	<10	160	0.56	0.31	0.16	1.86	20.5	8.2	39
ZZ78057		0.31	0.003	0.07	1.58	53.0	<0.2	<10	300	1.02	0.25	0.19	0.93	26.6	17.3	26
ZZ78058		0.24	0.005	0.19	1.57	33.3	<0.2	<10	300	1.18	0.25	0.21	1.23	41.4	16.6	28
ZZ78059		0.30	0.004	0.32	0.87	25.2	<0.2	<10	370	0.86	0.18	0.14	1.13	17.10	11.4	12
ZZ78060		0.27	0.003	0.13	1.42	33.6	<0.2	<10	200	0.78	0.24	0.17	0.75	23.5	14.2	23
ZZ78061		0.38	0.005	0.22	1.13	37.0	<0.2	<10	620	0.89	0.24	0.07	2.05	20.1	12.0	21
ZZ78062		0.24	0.007	0.33	1.14	30.2	<0.2	<10	430	0.87	0.24	0.16	3.85	33.7	14.9	19
ZZ78063		0.23	0.005	0.27	1.68	31.8	<0.2	<10	330	0.99	0.26	0.18	1.35	33.8	13.6	26
ZZ78064		0.31	0.006	0.52	0.82	23.3	<0.2	<10	510	0.84	0.21	0.52	4.39	30.7	7.8	17
ZZ78065		0.26	0.003	0.61	1.06	15.5	<0.2	<10	500	1.20	0.25	0.64	7.20	31.6	13.8	20
ZZ78066		0.14	0.005	1.22	0.72	23.1	<0.2	<10	380	0.65	0.20	0.65	0.86	16.10	1.5	23
ZZ78067		0.27	0.007	0.75	0.90	20.4	<0.2	<10	680	0.72	0.21	0.26	2.30	31.0	11.1	14
ZZ78068		0.26	0.007	1.35	1.51	30.6	<0.2	<10	940	1.43	0.22	0.24	8.81	27.2	31.4	41
ZZ78069		0.23	0.003	0.71	1.43	22.7	<0.2	<10	420	1.51	0.19	0.09	3.83	22.1	82.1	34
ZZ78070		0.27	0.004	1.02	0.97	17.4	<0.2	<10	280	0.63	0.24	0.08	0.73	12.35	9.8	21
ZZ78071		0.25	0.003	1.04	1.23	26.8	<0.2	<10	370	0.52	0.27	0.04	0.61	19.15	6.6	25
ZZ78072		0.27	0.002	0.27	1.57	27.5	<0.2	<10	170	0.65	0.29	0.04	0.59	23.8	13.1	26
ZZ78073		0.30	0.005	0.92	1.10	17.5	<0.2	<10	280	0.45	0.27	0.04	0.39	17.75	7.6	20
ZZ78074		0.29	0.003	0.43	1.15	14.7	<0.2	<10	230	0.49	0.29	0.04	0.39	20.5	9.3	20
ZZ78075		0.24	0.007	0.80	1.08	13.5	<0.2	<10	220	0.61	0.27	0.05	0.69	9.69	11.4	16
ZZ78076		0.38	0.001	0.10	1.68	12.6	<0.2	<10	200	1.71	0.38	0.14	0.14	21.7	27.3	26
ZZ78077		0.34	0.001	0.08	1.54	9.7	<0.2	<10	150	1.26	0.33	0.35	0.16	17.90	16.9	25
ZZ78078		0.22	0.001	0.21	1.41	13.5	<0.2	<10	150	1.47	0.37	0.84	0.14	20.5	13.3	20
ZZ78079		0.17	0.001	0.10	1.34	16.7	<0.2	<10	160	1.25	0.32	0.42	0.22	24.1	15.4	22
ZZ78080		0.20	0.002	0.07	1.74	18.9	<0.2	<10	360	1.30	0.30	0.70	0.32	27.7	13.5	25
ZZ78081		0.28	0.004	0.14	1.40	21.4	<0.2	<10	140	0.57	0.25	0.10	0.82	21.7	6.9	27
ZZ78082		0.30	0.005	2.04	0.84	30.8	<0.2	<10	300	1.01	0.24	0.79	12.15	21.2	7.8	20
ZZ78083		0.28	0.002	0.05	1.11	41.5	<0.2	<10	150	0.52	0.27	0.04	0.29	16.90	9.7	20
ZZ78084		0.22	0.002	0.07	1.47	41.5	<0.2	<10	130	0.47	0.29	0.04	0.62	18.30	13.4	22
ZZ78085		0.21	0.002	0.09	1.04	21.0	<0.2	<10	120	0.29	0.26	0.04	0.63	14.40	5.4	18
ZZ78086		0.23	0.008	0.20	1.78	54.7	<0.2	<10	210	1.09	0.27	0.09	1.37	29.3	19.2	28
ZZ78087		0.24	0.004	0.79	1.50	38.3	<0.2	<10	610	1.11	0.25	0.45	4.01	35.2	12.0	36
ZZ78088		0.29	0.003	0.20	0.70	26.4	<0.2	<10	170	0.41	0.23	0.02	0.80	11.10	6.1	10
ZZ78089		0.26	0.005	0.59	0.88	33.6	<0.2	<10	170	0.34	0.27	0.08	0.97	16.50	7.2	17
ZZ78090		0.23	0.005	0.48	0.67	20.9	<0.2	<10	680	0.85	0.20	0.23	4.29	20.8	11.4	10

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 29-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78051		2.57	48.3	3.83	3.42	<0.05	0.04	0.09	0.029	0.12	5.9	8.5	0.19	484	4.03	<0.01
ZZ78052		0.80	34.8	2.70	4.02	0.06	0.05	0.12	0.019	0.06	16.3	7.6	0.23	539	5.19	<0.01
ZZ78053		0.81	53.1	3.36	2.64	0.06	0.02	0.07	0.030	0.12	10.7	6.5	0.11	550	16.65	<0.01
ZZ78054		1.44	64.7	2.22	5.06	0.07	0.02	0.34	0.012	0.07	9.5	5.8	0.15	433	16.25	<0.01
ZZ78055		0.92	37.0	2.32	3.64	0.05	0.03	0.11	0.014	0.06	18.5	7.9	0.24	1310	18.60	0.01
ZZ78056		2.25	36.0	3.43	6.93	0.05	<0.02	0.07	0.022	0.09	8.6	7.3	0.14	667	26.7	0.01
ZZ78057		1.82	40.6	3.85	5.02	0.05	0.05	0.06	0.032	0.10	10.4	19.7	0.42	749	7.63	0.01
ZZ78058		1.44	47.7	3.80	4.40	0.07	0.03	0.08	0.022	0.09	18.3	14.3	0.41	957	5.50	0.01
ZZ78059		1.00	44.8	3.19	2.24	0.06	<0.02	0.18	0.042	0.14	8.4	4.7	0.12	151	21.4	0.01
ZZ78060		1.44	39.6	3.13	4.28	0.05	0.02	0.05	0.022	0.08	10.8	16.1	0.37	418	6.23	0.01
ZZ78061		0.98	62.8	2.65	3.03	0.05	0.02	0.08	0.028	0.09	9.9	7.2	0.15	319	23.8	<0.01
ZZ78062		1.25	59.3	3.16	3.54	0.07	0.02	0.08	0.027	0.10	15.7	8.7	0.23	600	10.80	0.01
ZZ78063		1.56	41.3	3.09	4.76	0.07	0.04	0.15	0.026	0.09	15.8	14.0	0.36	502	4.66	0.01
ZZ78064		0.75	59.4	2.00	3.02	0.07	0.05	0.21	0.026	0.15	14.2	10.6	0.20	60	12.25	0.01
ZZ78065		1.10	55.1	3.04	3.59	0.07	0.07	0.20	0.031	0.15	14.3	23.2	0.31	1070	10.30	0.01
ZZ78066		1.19	34.6	2.05	2.74	0.06	0.06	0.23	0.024	0.10	8.3	13.0	0.15	40	34.0	0.01
ZZ78067		1.28	71.9	2.73	2.73	0.08	0.03	0.13	0.028	0.14	14.1	6.0	0.14	420	5.96	<0.01
ZZ78068		1.97	73.2	6.87	4.03	0.09	0.06	0.22	0.026	0.12	16.3	10.8	0.25	916	13.50	0.01
ZZ78069		1.67	55.7	10.35	3.47	0.09	0.04	0.08	0.030	0.12	10.9	6.6	0.18	2230	13.75	0.01
ZZ78070		1.52	45.1	2.88	3.25	0.05	0.02	0.07	0.030	0.14	5.9	4.7	0.12	439	6.14	0.01
ZZ78071		4.27	34.7	3.97	5.49	0.06	<0.02	0.09	0.043	0.24	9.0	7.5	0.19	309	7.02	0.01
ZZ78072		2.58	48.8	4.00	5.87	0.05	<0.02	0.11	0.030	0.11	11.0	11.6	0.37	401	3.87	<0.01
ZZ78073		4.90	43.2	4.16	3.68	0.06	<0.02	0.11	0.036	0.18	7.2	5.0	0.16	260	5.39	0.01
ZZ78074		2.31	37.6	3.17	5.08	0.05	<0.02	0.06	0.026	0.14	9.8	6.0	0.17	440	4.08	0.01
ZZ78075		2.47	63.3	3.13	2.81	0.05	0.03	0.13	0.032	0.15	3.9	7.8	0.14	291	4.58	0.01
ZZ78076		4.35	47.2	4.21	5.47	0.06	0.03	0.04	0.030	0.14	6.7	47.1	0.53	2010	0.95	0.01
ZZ78077		3.67	34.0	3.59	5.14	0.06	0.05	0.06	0.027	0.13	6.1	31.7	0.41	930	0.78	0.01
ZZ78078		1.81	34.1	4.01	4.10	0.07	0.09	0.10	0.034	0.13	10.9	27.3	0.36	607	0.57	0.01
ZZ78079		2.40	37.4	4.10	4.13	0.05	0.05	0.07	0.029	0.09	9.4	22.6	0.42	1080	1.32	<0.01
ZZ78080		2.62	24.3	3.75	4.92	<0.05	0.07	0.06	0.027	0.09	11.6	16.6	0.40	638	1.23	0.01
ZZ78081		1.62	20.5	2.65	5.57	<0.05	<0.02	0.11	0.018	0.07	10.6	13.2	0.30	299	3.04	0.01
ZZ78082		0.76	61.7	2.64	2.86	0.07	0.08	0.42	0.039	0.08	12.0	11.2	0.25	199	11.30	0.01
ZZ78083		1.32	28.9	3.39	4.79	<0.05	0.02	0.06	0.033	0.06	6.6	8.3	0.20	704	2.39	0.01
ZZ78084		1.41	31.7	3.85	5.46	<0.05	0.02	0.06	0.037	0.06	7.8	13.5	0.33	583	3.83	0.01
ZZ78085		1.28	27.0	2.16	4.48	<0.05	<0.02	0.05	0.027	0.06	7.1	5.9	0.14	216	5.19	0.01
ZZ78086		1.80	72.6	3.53	4.45	0.06	0.05	0.13	0.046	0.08	12.7	18.4	0.39	707	6.49	0.02
ZZ78087		0.95	46.2	2.91	4.61	0.07	0.06	0.22	0.038	0.06	26.6	14.3	0.36	370	13.10	0.02
ZZ78088		1.27	53.8	2.81	2.72	<0.05	0.02	0.07	0.034	0.08	4.9	2.6	0.06	163	8.94	0.01
ZZ78089		2.05	40.6	2.82	4.14	0.05	0.02	0.09	0.036	0.09	8.1	5.8	0.15	208	14.55	0.01
ZZ78090		1.70	80.9	2.58	2.26	0.06	0.04	0.09	0.037	0.10	9.2	4.2	0.10	356	21.0	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78051		0.27	31.4	620	27.3	11.4	<0.001	0.02	2.18	3.5	1.2	0.6	19.5	<0.01	0.06	1.6
ZZ78052		0.41	42.5	2390	22.8	8.3	<0.001	0.16	4.37	2.1	3.8	0.5	43.6	0.01	0.06	0.7
ZZ78053		0.16	78.7	1040	23.1	10.2	0.001	0.03	15.70	2.9	5.1	0.6	15.8	<0.01	0.08	1.8
ZZ78054		0.22	69.9	2030	14.1	12.7	0.002	0.08	8.78	0.9	14.0	0.6	15.1	<0.01	0.11	0.2
ZZ78055		0.39	85.8	3070	18.4	9.6	0.001	0.14	7.43	1.5	3.9	0.4	60.4	<0.01	0.09	0.4
ZZ78056		0.34	61.6	900	23.8	13.7	0.001	0.05	10.05	1.2	4.9	0.8	10.9	<0.01	0.13	0.2
ZZ78057		0.37	47.1	730	27.6	14.5	0.001	0.02	3.61	4.3	2.2	0.6	14.3	<0.01	0.08	3.2
ZZ78058		0.61	60.4	1110	21.2	11.6	0.001	0.01	3.19	4.8	2.8	0.5	19.2	<0.01	0.07	5.1
ZZ78059		0.24	70.7	540	19.7	10.5	0.001	0.10	5.12	4.3	2.4	0.5	14.5	<0.01	0.12	1.9
ZZ78060		0.43	49.0	830	20.2	11.2	0.001	0.02	3.01	3.0	2.4	0.5	16.3	<0.01	0.07	2.2
ZZ78061		0.19	70.2	780	17.7	11.6	0.003	0.02	11.50	3.4	5.2	0.5	16.4	<0.01	0.12	2.9
ZZ78062		0.29	65.4	1290	20.6	12.1	0.002	0.02	5.24	4.2	3.0	0.5	17.3	<0.01	0.10	3.0
ZZ78063		0.46	50.7	1210	20.3	12.9	0.001	0.02	2.25	3.9	1.9	0.6	15.1	<0.01	0.09	2.6
ZZ78064		0.23	64.3	1380	19.5	10.9	0.004	0.02	2.88	4.8	1.8	0.5	33.5	<0.01	0.09	6.0
ZZ78065		0.21	67.2	1300	21.4	10.7	0.008	0.09	2.90	6.9	4.0	0.5	34.2	<0.01	0.08	3.5
ZZ78066		0.29	18.8	990	15.3	10.9	0.020	0.08	3.65	4.3	5.6	0.5	28.2	<0.01	0.08	2.2
ZZ78067		0.18	55.4	2390	17.2	10.6	0.001	0.04	4.10	2.1	2.6	0.4	21.8	<0.01	0.08	1.3
ZZ78068		0.39	291	2600	15.1	16.1	0.001	0.11	4.52	4.7	5.5	0.5	38.8	<0.01	0.09	1.8
ZZ78069		0.43	451	2430	12.4	13.4	0.001	0.14	4.08	3.5	5.9	0.5	31.1	<0.01	0.09	1.9
ZZ78070		0.14	48.2	2130	16.7	12.7	0.001	0.11	3.55	0.8	2.8	0.5	27.5	<0.01	0.09	0.5
ZZ78071		0.37	20.7	1100	17.2	20.7	<0.001	0.40	3.73	1.2	4.2	0.7	59.0	<0.01	0.11	0.3
ZZ78072		0.50	34.5	1200	18.3	17.0	<0.001	0.04	2.23	2.7	1.8	0.6	13.8	<0.01	0.09	0.8
ZZ78073		0.21	32.3	2360	19.9	16.6	<0.001	0.24	3.51	0.8	2.8	0.5	53.7	<0.01	0.10	0.5
ZZ78074		0.22	31.7	1100	20.0	17.0	<0.001	0.14	2.95	0.6	2.0	0.7	35.0	<0.01	0.10	0.2
ZZ78075		0.29	45.6	1330	21.6	16.0	0.001	0.05	4.22	3.3	2.9	0.4	16.9	<0.01	0.11	2.9
ZZ78076		0.22	35.1	830	50.5	13.9	<0.001	0.03	0.61	6.4	1.1	0.6	20.6	<0.01	0.08	2.9
ZZ78077		0.34	27.4	1220	28.1	14.2	<0.001	0.07	0.45	4.7	1.0	0.6	25.9	<0.01	0.06	2.3
ZZ78078		0.24	30.3	960	29.0	10.1	<0.001	0.05	0.42	8.2	1.8	0.5	35.7	<0.01	0.06	3.0
ZZ78079		0.39	31.2	860	26.7	10.1	<0.001	0.04	0.85	4.6	1.0	0.5	23.3	<0.01	0.07	2.1
ZZ78080		0.43	22.1	1320	22.9	17.6	<0.001	0.06	0.71	3.7	1.2	0.6	36.8	<0.01	0.05	1.5
ZZ78081		0.28	21.4	860	14.7	12.3	<0.001	0.04	1.78	0.8	1.8	0.6	12.3	<0.01	0.04	0.2
ZZ78082		0.30	132.5	1230	19.0	8.8	0.007	0.06	8.42	4.2	5.0	0.5	41.0	<0.01	0.07	1.4
ZZ78083		0.43	19.1	880	25.5	13.6	<0.001	0.04	1.20	2.0	0.9	0.6	6.2	<0.01	0.06	0.6
ZZ78084		0.66	26.4	680	28.6	11.6	<0.001	0.04	1.74	3.1	0.8	0.6	9.9	<0.01	0.08	1.5
ZZ78085		0.24	24.4	1100	16.0	14.0	0.001	0.04	1.94	0.4	1.2	0.7	7.1	<0.01	0.04	<0.2
ZZ78086		0.39	73.7	780	26.7	12.4	0.001	0.03	2.77	5.4	2.3	0.5	13.2	<0.01	0.08	3.7
ZZ78087		0.46	84.3	1080	16.8	8.9	0.001	0.04	3.61	4.1	2.7	0.6	18.8	<0.01	0.07	1.6
ZZ78088		0.24	41.5	1350	18.4	9.7	0.001	0.04	4.54	1.2	2.1	0.5	7.3	<0.01	0.06	0.6
ZZ78089		0.53	45.2	1620	21.5	13.1	0.001	0.07	7.76	1.8	3.6	0.7	19.7	<0.01	0.11	0.9
ZZ78090		0.21	90.6	1770	17.4	10.5	0.009	0.06	7.80	2.3	4.2	0.5	27.4	<0.01	0.06	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78051		0.005	0.25	0.76	55	0.07	4.51	157	1.0
ZZ78052		0.009	0.24	4.07	252	0.12	21.3	231	1.4
ZZ78053		0.005	0.48	4.38	261	0.14	13.00	771	0.6
ZZ78054		0.006	0.85	4.43	357	0.23	18.10	275	<0.5
ZZ78055		0.011	0.54	3.78	390	0.27	25.2	528	1.4
ZZ78056		0.018	1.42	2.21	972	0.28	6.16	400	<0.5
ZZ78057		0.008	0.46	1.15	107	0.19	6.10	259	1.3
ZZ78058		0.020	0.42	2.56	109	0.18	13.90	261	1.8
ZZ78059		<0.005	0.85	2.03	52	0.06	13.25	183	0.6
ZZ78060		0.014	0.36	1.52	84	0.15	7.13	247	0.5
ZZ78061		<0.005	0.91	3.38	289	0.14	11.80	459	0.8
ZZ78062		0.009	0.69	3.65	123	0.13	18.10	483	0.7
ZZ78063		0.011	0.44	2.11	87	0.20	14.80	250	1.0
ZZ78064		0.005	0.37	2.54	95	0.07	21.1	557	2.4
ZZ78065		<0.005	0.32	2.93	114	0.05	20.2	352	1.9
ZZ78066		0.005	0.55	10.70	141	0.10	13.30	142	2.2
ZZ78067		0.006	0.52	3.06	78	0.09	20.5	357	0.8
ZZ78068		0.010	1.05	7.12	134	0.20	38.6	1660	1.5
ZZ78069		0.010	1.03	6.49	106	0.19	20.6	1950	1.0
ZZ78070		0.006	0.50	2.28	81	0.12	6.15	303	0.5
ZZ78071		0.021	1.17	1.25	92	0.20	3.70	123	<0.5
ZZ78072		0.016	0.42	0.91	86	0.17	4.57	198	<0.5
ZZ78073		0.009	0.64	1.30	70	0.11	4.63	210	0.5
ZZ78074		0.016	0.47	1.11	71	0.16	4.63	201	<0.5
ZZ78075		0.006	0.65	1.21	69	0.07	6.34	351	0.9
ZZ78076		0.008	0.15	1.24	34	<0.05	12.45	108	0.9
ZZ78077		0.009	0.13	1.62	31	0.06	12.35	85	1.3
ZZ78078		0.005	0.10	1.94	25	0.06	24.7	105	2.5
ZZ78079		0.012	0.14	1.44	41	0.11	12.35	99	1.2
ZZ78080		0.009	0.28	2.27	52	0.12	9.51	144	1.7
ZZ78081		0.014	0.41	1.19	139	0.20	5.29	125	<0.5
ZZ78082		0.006	0.62	5.84	284	0.12	22.4	1180	2.3
ZZ78083		0.011	0.26	0.69	53	0.12	3.83	94	<0.5
ZZ78084		0.012	0.37	0.67	63	0.16	3.73	128	0.7
ZZ78085		0.007	0.51	1.22	145	0.15	3.18	164	<0.5
ZZ78086		0.007	0.48	1.68	89	0.15	10.90	350	1.6
ZZ78087		0.011	0.47	3.32	234	0.19	35.5	425	1.7
ZZ78088		0.006	0.52	1.40	91	0.08	4.85	304	0.5
ZZ78089		0.015	1.20	1.63	164	0.17	6.03	353	<0.5
ZZ78090		0.005	0.55	4.06	75	0.07	28.6	888	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 29-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD024731		0.42	0.004	0.89	0.59	16.2	<0.2	<10	270	0.42	0.24	0.02	0.36	9.15	7.7	13
DD024732		0.34	0.006	1.59	1.75	34.9	<0.2	<10	260	0.89	0.27	0.07	1.33	19.60	12.4	31
DD024733		0.48	0.011	30.9	1.58	80.4	<0.2	<10	2540	1.27	0.18	2.11	77.4	22.0	7.0	202
DD024734		0.44	0.015	8.96	0.55	34.5	<0.2	10	1700	0.74	0.17	2.74	4.50	9.43	4.9	82
DD024735		0.43	0.010	3.06	0.93	26.9	<0.2	<10	1270	0.63	0.23	0.87	2.32	19.15	6.4	40
DD024736		0.36	0.004	2.02	0.77	64.6	<0.2	<10	1040	1.18	0.26	0.07	1.33	17.00	5.4	25
DD024737		0.39	0.005	0.70	0.54	14.7	<0.2	<10	370	0.33	0.23	0.01	0.35	12.30	3.3	8
DD024738		0.40	0.004	0.44	0.86	22.5	<0.2	<10	210	0.32	0.26	0.03	0.40	13.75	6.4	14

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Finalized Date: 29-JUL-2013
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CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024731		2.40	70.2	3.04	2.16	<0.05	0.02	0.13	0.048	0.11	3.6	1.4	0.03	172	8.68	0.02
DD024732		1.63	55.9	3.97	4.24	0.05	0.07	0.17	0.050	0.09	9.5	14.1	0.27	327	12.45	0.02
DD024733		0.97	144.5	2.79	3.35	0.21	0.07	0.64	0.036	0.07	34.0	8.0	0.07	98	83.6	0.01
DD024734		0.36	129.0	2.49	1.95	0.13	0.06	0.46	0.036	0.06	13.4	3.3	0.08	63	25.8	0.01
DD024735		1.16	64.6	3.15	3.29	0.07	0.04	0.40	0.048	0.14	13.4	9.0	0.20	167	17.10	0.02
DD024736		2.54	101.5	3.64	2.92	0.06	<0.02	0.10	0.071	0.24	11.8	2.5	0.04	121	21.6	0.04
DD024737		5.04	57.9	2.76	1.86	<0.05	0.04	0.17	0.040	0.12	5.1	1.7	0.05	49	7.95	0.02
DD024738		4.06	43.2	3.23	3.50	<0.05	<0.02	0.11	0.033	0.12	5.9	4.8	0.13	200	6.86	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024731		0.27	48.2	1890	20.4	11.3	0.001	0.12	4.46	2.2	3.8	0.5	25.9	<0.01	0.10	2.0
DD024732		0.56	64.0	1070	17.6	13.8	0.002	0.11	4.80	3.9	5.0	0.6	28.0	<0.01	0.13	2.9
DD024733		0.23	213	9000	11.8	10.9	0.018	0.17	26.7	4.4	31.2	0.6	192.0	<0.01	0.12	0.7
DD024734		0.11	262	4300	10.0	5.0	0.008	0.12	4.21	6.1	21.7	0.6	279	<0.01	0.10	1.3
DD024735		0.34	76.8	2100	15.5	12.2	0.006	0.35	3.21	3.5	7.7	0.8	124.5	<0.01	0.13	0.7
DD024736		0.21	48.4	3000	21.2	22.4	0.002	0.52	4.89	0.9	9.0	0.6	70.1	<0.01	0.16	0.3
DD024737		0.19	31.9	1700	21.3	14.7	0.001	0.19	4.03	1.9	2.9	0.5	35.7	<0.01	0.08	1.5
DD024738		0.36	28.8	1210	20.2	15.8	<0.001	0.14	2.77	1.7	2.4	0.6	31.1	<0.01	0.11	0.7

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CERTIFICATE OF ANALYSIS WH13130963

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD024731		<0.005	0.45	1.73	91	0.05	4.05	321	0.5
DD024732		0.008	1.12	2.60	156	0.14	7.53	301	2.2
DD024733		0.006	1.84	37.1	474	0.66	117.5	1680	2.1
DD024734		<0.005	0.22	15.90	91	0.27	61.0	835	2.3
DD024735		0.010	0.54	4.73	104	0.23	25.3	290	1.4
DD024736		<0.005	3.04	4.54	165	0.08	10.55	303	<0.5
DD024737		<0.005	0.58	1.48	66	0.05	4.05	208	1.0
DD024738		0.010	0.66	0.88	82	0.11	3.29	180	<0.5

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Project: Nadaleen

Finalized Date: 29-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13130963

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

CERTIFICATE WH13130964

Project: Nadaleen

P.O. No.: SO13-08

This report is for 181 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD024740	0.40	0.005	1.28	1.35	32.8	<0.2	<10	430	0.59	0.27	0.05	0.89	21.3	11.4	25
DD024741	0.36	0.013	19.90	0.88	93.3	<0.2	10	870	1.28	0.26	0.75	47.2	22.8	6.8	215
DD024742	0.39	0.006	5.15	0.73	59.7	<0.2	<10	2050	0.94	0.24	0.73	6.97	15.30	4.9	89
DD024743	0.39	0.004	0.47	1.31	27.4	<0.2	<10	180	0.64	0.26	0.09	1.45	23.0	14.5	24
DD024744	0.41	0.004	0.54	1.48	22.3	<0.2	<10	260	0.64	0.25	0.08	0.85	20.0	10.4	26
DD024745	0.39	0.005	1.57	1.81	51.6	<0.2	<10	430	0.85	0.27	0.35	3.32	23.9	10.1	49
DD024746	0.43	0.003	0.92	0.86	40.6	<0.2	<10	260	0.45	0.24	0.04	0.55	14.60	8.2	19
DD024747	0.44	0.003	0.31	1.20	21.7	<0.2	<10	140	0.34	0.26	0.06	0.51	17.35	5.8	21
DD024748	0.42	0.003	0.20	1.33	14.5	<0.2	<10	130	0.46	0.27	0.05	0.47	18.65	9.9	21
DD024749	0.37	0.004	0.27	0.92	13.5	<0.2	<10	390	0.44	0.22	0.04	1.05	11.20	4.6	13
DD024750	0.38	0.001	0.14	0.95	10.1	<0.2	<10	130	1.20	0.32	0.82	0.17	28.7	10.9	18
DD024751	0.40	0.002	0.19	0.55	20.1	<0.2	<10	140	1.14	0.38	0.72	0.13	16.55	18.9	11
DD024752	0.37	0.001	0.07	0.77	14.0	<0.2	<10	160	0.85	0.33	0.68	0.18	16.10	9.3	12
DD024753	0.41	0.001	0.19	0.51	25	<0.2	<10	90	0.66	0.15	11.30	0.37	18.50	7.9	10
DD024754	0.46	0.002	0.16	1.57	12.7	<0.2	<10	360	1.38	0.32	1.01	0.44	18.60	13.9	24
DD024755	0.39	0.002	0.96	0.86	32.3	<0.2	<10	280	1.12	0.19	0.21	5.91	15.10	6.3	30
DD024756	0.45	0.001	0.28	0.45	36.1	<0.2	<10	200	0.42	0.16	0.11	1.16	5.64	2.5	30
DD024757	0.52	0.003	0.27	1.02	32.3	<0.2	<10	140	0.64	0.22	0.05	1.57	13.45	9.9	21
DD024758	0.44	0.004	0.33	1.07	23.8	<0.2	<10	130	0.49	0.22	0.10	2.14	22.2	10.2	19
DD024759	0.46	0.002	0.58	1.07	14.8	<0.2	<10	320	1.14	0.31	0.72	2.56	18.20	11.9	21
DD024760	0.37	0.002	0.74	0.85	19.1	<0.2	<10	220	1.10	0.30	1.04	5.19	18.65	14.3	20
DD024761	0.51	0.007	0.40	1.32	75.9	<0.2	<10	320	0.89	0.26	0.50	5.81	21.5	13.9	21
DD024762	0.34	0.004	0.97	1.02	19.0	<0.2	<10	990	0.79	0.18	1.33	5.50	17.40	6.1	17
DD024763	0.44	0.006	0.32	1.11	46.0	<0.2	<10	520	0.72	0.20	0.42	4.00	23.6	10.7	21
DD024764	0.43	0.002	0.08	0.61	24.8	<0.2	<10	220	0.40	0.15	0.13	1.29	13.95	7.4	12
DD024765	0.57	0.005	0.41	1.14	31.1	<0.2	<10	350	0.93	0.25	0.29	1.63	32.1	14.4	21
DD024766	0.50	0.005	0.39	0.99	22.8	<0.2	<10	460	0.69	0.20	0.39	1.68	24.3	8.3	18
DD024767	0.38	0.004	3.37	0.59	22.8	<0.2	<10	1260	0.75	0.17	1.05	3.59	10.35	6.3	39
DD024768	0.40	0.004	0.97	0.88	18.4	<0.2	<10	550	0.80	0.22	0.22	5.22	15.05	9.7	26
DD024769	0.18	0.004	0.29	0.32	5.4	<0.2	10	150	0.28	0.06	2.86	3.41	4.21	2.5	5
DD024770	0.52	0.002	0.18	0.92	16.4	<0.2	<10	180	1.32	0.33	0.65	0.22	22.8	15.8	13
DD024771	0.43	0.002	0.15	0.91	17.5	<0.2	<10	180	1.29	0.34	0.72	0.20	21.7	16.7	13
DD024772	0.35	0.001	0.08	1.42	16.2	<0.2	<10	110	1.02	0.31	0.22	0.12	14.05	13.8	21
DD024773	0.48	0.004	0.15	0.78	18.0	<0.2	<10	110	1.23	0.30	1.61	0.19	22.4	13.7	13
DD024774	0.39	0.002	0.14	1.28	11.7	<0.2	<10	150	1.25	0.30	0.79	0.18	22.6	9.9	18
DD024775	0.35	0.002	0.15	1.28	12.0	<0.2	<10	170	1.09	0.29	0.77	0.16	21.0	8.9	18
DD024776	0.39	0.002	0.10	1.42	12.5	<0.2	<10	180	1.03	0.28	0.44	0.32	18.85	8.6	19
DD024777	0.50	0.002	0.05	1.54	47.5	<0.2	<10	110	0.81	0.25	0.12	0.43	25.3	16.8	23
DD024778	0.39	0.002	0.19	1.53	27.1	<0.2	<10	190	0.94	0.24	0.21	0.38	40.3	17.0	22
DD024779	0.52	0.005	0.08	1.45	286	<0.2	<10	110	0.97	0.26	0.05	0.45	28.9	17.3	22

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024740		2.57	50.3	3.93	5.08	0.05	0.02	0.12	0.053	0.18	9.5	10.0	0.25	528	9.13	0.02
DD024741		1.13	188.5	4.50	5.53	0.28	0.02	0.86	0.062	0.22	37.6	5.3	0.06	110	84.2	0.02
DD024742		0.75	74.7	3.31	3.26	0.11	0.06	0.15	0.048	0.15	16.1	4.5	0.06	125	41.3	0.01
DD024743		1.91	50.6	3.32	4.58	0.05	0.02	0.10	0.038	0.10	9.7	9.2	0.22	645	8.82	0.02
DD024744		2.01	40.4	3.13	4.88	0.05	0.03	0.07	0.037	0.09	9.8	11.7	0.31	319	6.40	0.02
DD024745		1.59	44.4	3.92	5.10	0.07	0.04	0.12	0.042	0.09	16.3	14.3	0.31	324	18.30	0.02
DD024746		1.72	46.3	3.62	3.53	0.05	0.02	0.08	0.042	0.12	7.1	5.8	0.15	192	9.18	0.02
DD024747		1.50	25.0	2.67	5.28	<0.05	<0.02	0.09	0.031	0.08	9.0	8.4	0.18	205	5.61	0.01
DD024748		1.36	37.5	3.08	4.69	<0.05	<0.02	0.05	0.043	0.09	7.7	9.5	0.17	529	4.39	0.01
DD024749		1.37	40.4	2.09	3.45	<0.05	0.02	0.05	0.031	0.09	5.1	4.3	0.09	195	5.44	0.02
DD024750		2.23	31.2	3.53	3.50	0.07	0.07	0.07	0.044	0.08	12.2	17.5	0.25	663	0.69	0.02
DD024751		2.40	34.9	4.22	1.74	0.05	0.08	0.16	0.047	0.07	6.8	7.1	0.13	872	0.77	0.01
DD024752		2.57	24.8	3.55	2.66	<0.05	0.07	0.08	0.037	0.06	5.7	7.1	0.13	571	0.86	0.02
DD024753		0.54	12.6	3.07	1.41	<0.05	0.05	0.56	0.020	0.04	9.4	3.8	6.72	1430	1.25	0.02
DD024754		2.02	24.5	3.02	5.33	<0.05	0.06	0.07	0.032	0.09	7.8	20.4	0.50	659	1.79	0.02
DD024755		0.78	71.9	1.99	3.13	0.05	0.03	0.27	0.038	0.05	10.0	4.1	0.07	229	58.1	0.01
DD024756		1.12	66.5	1.29	2.77	<0.05	<0.02	0.08	0.022	0.08	4.1	1.0	0.03	80	54.7	0.01
DD024757		0.99	49.6	3.13	3.16	<0.05	0.04	0.08	0.035	0.09	6.7	8.4	0.16	218	29.2	0.01
DD024758		1.02	40.8	2.55	4.07	0.05	0.03	0.07	0.031	0.07	11.1	9.8	0.21	242	14.30	0.02
DD024759		1.41	47.7	3.00	3.31	0.06	0.10	0.30	0.038	0.09	8.1	22.6	0.34	374	6.69	0.01
DD024760		1.54	51.7	3.02	2.87	0.06	0.08	0.28	0.037	0.11	8.0	20.0	0.37	570	6.43	0.01
DD024761		1.53	49.6	3.32	4.28	0.05	0.06	0.14	0.034	0.08	9.0	18.0	0.39	469	7.53	0.01
DD024762		0.45	32.7	2.46	3.03	0.05	0.11	0.25	0.037	0.08	9.0	9.8	0.25	230	11.30	0.01
DD024763		0.89	33.0	2.84	3.54	0.06	0.06	0.11	0.027	0.06	11.8	17.2	0.45	375	5.50	0.01
DD024764		0.73	31.8	2.02	1.96	<0.05	0.02	0.04	0.022	0.05	5.0	6.1	0.15	457	5.45	0.01
DD024765		1.04	57.5	2.87	3.80	0.08	0.03	0.12	0.037	0.07	17.2	11.1	0.31	441	7.88	0.01
DD024766		0.85	46.4	2.45	3.08	0.07	0.02	0.11	0.028	0.08	13.2	12.3	0.28	264	6.05	0.01
DD024767		0.56	81.7	2.43	1.89	0.08	0.05	0.24	0.033	0.10	7.9	4.1	0.07	146	12.85	0.01
DD024768		1.29	61.5	3.45	2.75	0.06	0.02	0.13	0.036	0.08	8.4	4.1	0.10	275	10.10	<0.01
DD024769		0.27	21.1	0.67	0.81	0.07	0.05	0.10	0.011	0.03	2.1	1.8	0.11	366	91.7	0.01
DD024770		1.40	41.8	3.54	2.69	0.07	0.07	0.24	0.047	0.11	11.0	15.0	0.27	666	1.07	<0.01
DD024771		1.36	44.8	3.44	2.81	0.06	0.06	0.24	0.042	0.12	10.2	15.5	0.26	629	1.11	<0.01
DD024772		2.73	30.1	3.22	4.75	<0.05	0.03	0.05	0.031	0.09	5.1	30.2	0.37	696	0.95	<0.01
DD024773		0.73	36.3	2.90	2.42	0.06	0.05	0.29	0.037	0.10	9.4	12.6	0.77	436	0.98	0.01
DD024774		0.94	31.2	3.20	3.61	0.05	0.11	0.13	0.039	0.09	10.5	18.5	0.35	404	0.82	0.01
DD024775		0.83	29.5	2.90	3.69	0.05	0.10	0.16	0.034	0.09	10.4	19.8	0.36	238	0.95	0.01
DD024776		1.18	23.7	2.74	4.29	0.05	0.09	0.07	0.034	0.08	8.1	20.6	0.36	351	1.52	<0.01
DD024777		1.38	39.4	3.70	4.99	0.05	0.03	0.07	0.042	0.08	10.6	20.0	0.45	585	3.52	<0.01
DD024778		1.58	33.2	4.07	5.68	0.08	0.03	0.06	0.049	0.12	16.6	21.7	0.42	577	2.62	<0.01
DD024779		1.90	42.2	3.97	4.09	0.05	0.06	0.72	0.039	0.06	10.8	21.2	0.44	960	1.32	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024740		0.30	33.4	1860	22.2	17.8	0.001	0.36	2.85	1.1	4.4	0.6	46.0	<0.01	0.14	0.5
DD024741		0.17	176.5	7990	19.6	18.6	0.009	0.46	16.10	6.9	42.6	0.8	193.0	<0.01	0.27	1.4
DD024742		0.18	113.5	4800	16.8	11.8	0.007	0.28	7.30	3.3	15.7	0.7	143.5	<0.01	0.18	0.9
DD024743		0.49	49.4	1470	20.2	14.8	0.001	0.09	3.29	2.9	2.9	0.6	22.5	<0.01	0.09	1.1
DD024744		0.47	37.1	1410	16.8	12.2	0.001	0.09	2.32	2.4	2.7	0.6	25.5	<0.01	0.09	0.9
DD024745		0.73	75.9	3200	19.0	13.1	0.004	0.13	4.17	3.9	8.0	0.6	63.2	<0.01	0.11	1.8
DD024746		0.45	37.2	1810	19.6	13.8	0.001	0.18	4.38	2.2	3.3	0.5	55.4	<0.01	0.08	1.5
DD024747		0.46	22.9	990	18.3	14.6	<0.001	0.04	1.93	1.0	1.7	0.6	13.4	<0.01	0.05	0.3
DD024748		0.30	33.1	1620	20.1	12.6	<0.001	0.08	2.49	0.7	1.5	0.6	27.6	<0.01	0.06	0.4
DD024749		0.26	26.3	1450	12.2	15.3	<0.001	0.05	2.27	1.1	1.6	0.6	10.6	<0.01	0.08	0.3
DD024750		0.33	25.0	960	26.9	10.1	<0.001	0.06	0.46	6.1	1.2	0.4	41.0	<0.01	0.08	2.4
DD024751		0.23	35.2	710	33.6	6.9	<0.001	0.05	0.62	5.5	1.1	0.3	38.3	<0.01	0.07	1.6
DD024752		0.34	21.3	1070	29.8	12.1	<0.001	0.06	0.50	3.4	0.7	0.4	31.5	<0.01	0.06	1.3
DD024753		0.23	13.7	1230	63.4	4.9	<0.001	0.04	1.58	2.5	0.6	0.3	50.7	<0.01	0.02	1.0
DD024754		0.45	29.5	920	24.5	15.4	<0.001	0.08	1.42	2.5	0.9	0.7	28.6	<0.01	0.03	0.9
DD024755		0.21	151.0	1200	13.6	8.3	0.002	0.06	10.40	1.8	6.1	0.6	15.2	<0.01	0.14	0.3
DD024756		0.15	100.0	770	12.2	10.9	0.002	0.05	23.7	0.7	5.2	0.5	14.2	<0.01	0.18	0.2
DD024757		0.37	82.9	840	19.3	10.1	0.003	0.05	10.20	2.7	5.3	0.5	11.8	<0.01	0.09	1.7
DD024758		0.44	51.4	990	17.6	8.7	0.001	0.03	5.07	2.3	3.0	0.6	12.5	<0.01	0.05	0.9
DD024759		0.20	56.1	880	21.5	9.8	0.002	0.05	3.10	5.0	2.0	0.5	38.4	<0.01	0.07	1.8
DD024760		0.17	87.6	890	22.9	7.9	0.003	0.06	3.77	5.1	3.0	0.5	48.4	<0.01	0.06	2.0
DD024761		0.34	86.2	710	21.8	9.9	0.001	0.04	3.08	3.8	2.2	0.5	23.1	<0.01	0.06	1.6
DD024762		0.27	39.0	1720	12.2	7.2	0.010	0.14	3.45	2.7	4.5	0.4	44.1	<0.01	0.07	1.0
DD024763		0.41	44.6	790	14.5	6.4	0.002	0.02	2.47	4.1	1.6	0.4	21.4	<0.01	0.05	2.5
DD024764		0.18	30.7	590	23.8	6.0	0.001	0.02	2.20	2.1	1.0	0.3	10.6	<0.01	0.05	1.8
DD024765		0.31	59.1	1250	16.0	8.5	0.001	0.11	3.08	4.4	2.0	0.5	23.4	<0.01	0.09	2.1
DD024766		0.27	47.2	1160	11.2	8.3	0.003	0.23	2.36	2.5	1.7	0.4	24.6	<0.01	0.07	1.0
DD024767		0.09	110.5	2420	9.4	6.8	0.005	0.14	2.71	4.5	7.2	0.5	106.5	<0.01	0.12	1.2
DD024768		0.17	136.0	1890	10.7	11.3	0.001	0.06	2.84	2.1	4.7	0.5	29.6	<0.01	0.09	0.5
DD024769		0.12	67.7	910	3.1	1.9	0.326	1.13	7.05	0.7	24.3	<0.2	66.4	<0.01	0.02	0.3
DD024770		0.17	31.0	810	23.3	8.2	<0.001	0.05	0.49	8.6	1.0	0.5	42.6	<0.01	0.04	3.2
DD024771		0.17	31.3	950	24.1	8.5	<0.001	0.13	0.52	7.3	1.3	0.5	47.7	<0.01	0.06	2.5
DD024772		0.34	23.8	1080	24.6	12.0	<0.001	0.16	0.48	2.6	0.4	0.5	15.1	<0.01	0.05	1.1
DD024773		0.17	27.4	940	17.7	6.4	<0.001	0.09	0.43	6.4	1.1	0.4	45.0	<0.01	0.04	3.3
DD024774		0.27	25.4	1080	15.3	9.7	<0.001	0.08	0.41	5.3	0.9	0.5	38.1	<0.01	0.06	2.3
DD024775		0.29	25.2	1070	15.0	9.5	<0.001	0.07	0.46	4.9	1.0	0.5	40.6	<0.01	0.04	2.1
DD024776		0.32	22.1	1170	12.9	13.2	<0.001	0.05	0.52	3.7	0.5	0.5	25.7	<0.01	0.05	1.7
DD024777		0.35	30.1	980	22.4	10.9	<0.001	0.03	1.71	2.5	0.8	0.6	10.5	<0.01	0.06	1.0
DD024778		0.35	26.5	1350	29.7	11.2	<0.001	0.03	1.34	3.1	1.1	0.7	12.8	<0.01	0.05	0.9
DD024779		0.30	29.7	820	42.3	8.6	<0.001	0.02	0.72	4.1	0.5	0.4	7.7	<0.01	0.06	2.0

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD024740		0.010	1.22	1.99	88	0.16	5.97	157	<0.5
DD024741		0.006	1.47	32.3	373	0.70	83.6	930	0.7
DD024742		<0.005	1.24	14.25	185	0.30	37.2	537	1.6
DD024743		0.014	0.57	1.97	101	0.17	9.38	236	0.5
DD024744		0.012	0.61	1.78	87	0.18	8.19	180	0.6
DD024745		0.018	0.75	7.09	116	0.30	19.85	438	1.2
DD024746		0.012	0.91	1.26	83	0.12	5.03	204	0.6
DD024747		0.018	0.50	1.15	71	0.19	3.48	137	<0.5
DD024748		0.010	0.40	1.56	69	0.13	5.03	214	<0.5
DD024749		0.006	0.50	1.13	64	0.09	4.43	195	<0.5
DD024750		0.008	0.11	1.62	23	<0.05	22.8	83	1.8
DD024751		0.005	0.17	1.24	18	0.05	19.90	66	2.3
DD024752		0.007	0.15	1.25	24	0.07	10.50	97	1.9
DD024753		0.007	0.29	0.89	16	0.05	10.65	77	1.4
DD024754		0.009	0.22	7.66	51	0.08	9.38	98	1.3
DD024755		0.006	1.09	9.84	583	0.40	41.9	517	0.9
DD024756		0.006	1.11	5.96	747	0.36	8.90	353	<0.5
DD024757		0.007	1.00	2.70	269	0.19	8.51	476	1.0
DD024758		0.013	0.66	1.89	131	0.18	10.20	329	0.6
DD024759		0.005	0.40	2.89	123	0.07	17.75	310	2.8
DD024760		0.005	0.39	2.40	151	0.07	17.75	487	2.6
DD024761		0.007	0.50	3.16	171	0.12	8.22	644	1.4
DD024762		0.005	0.31	7.17	98	0.06	13.15	277	2.8
DD024763		0.017	0.24	2.33	59	0.12	10.35	251	1.7
DD024764		0.006	0.33	0.94	67	0.08	5.08	218	0.6
DD024765		0.011	0.40	2.54	103	0.14	21.2	281	0.9
DD024766		0.011	0.31	2.48	74	0.11	15.55	259	0.6
DD024767		<0.005	0.35	8.42	93	0.10	35.9	473	1.7
DD024768		0.005	0.49	3.98	100	0.10	25.4	870	0.7
DD024769		<0.005	0.15	16.70	45	<0.05	4.48	418	1.3
DD024770		0.005	0.11	1.84	20	0.05	18.85	103	2.2
DD024771		0.005	0.11	1.76	20	0.05	17.15	104	1.6
DD024772		0.009	0.12	0.72	29	0.09	5.30	71	0.9
DD024773		0.005	0.12	1.61	19	0.05	15.10	66	1.5
DD024774		0.006	0.11	2.02	26	0.07	15.20	74	2.9
DD024775		0.007	0.11	1.92	27	0.07	13.90	75	2.7
DD024776		0.006	0.17	1.37	38	0.07	8.56	81	2.2
DD024777		0.009	0.27	0.77	62	0.11	4.64	128	0.7
DD024778		0.009	0.19	0.56	56	0.10	9.09	130	0.6
DD024779		0.008	0.52	0.75	37	0.15	6.45	98	1.5

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ALS Canada Ltd.

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VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD024780		0.43	0.002	0.06	1.37	24.8	<0.2	<10	110	0.52	0.29	0.03	0.15	19.30	9.2	20
DD024781		0.29	0.001	0.07	1.20	15.6	<0.2	<10	140	0.55	0.26	0.05	0.20	26.3	7.9	25
DD024782		0.40	0.021	0.06	0.91	11.0	<0.2	<10	120	0.39	0.26	0.06	0.17	19.05	4.8	15
DD024783		0.32	0.004	0.80	1.01	32.5	<0.2	<10	260	0.93	0.24	0.41	1.82	21.5	11.6	17
DD024784		0.47	0.003	0.26	1.13	22.1	<0.2	<10	430	0.87	0.21	0.82	0.48	25.4	9.5	18
DD024785		0.39	0.003	0.57	1.03	17.9	<0.2	<10	450	0.87	0.19	1.26	2.78	18.85	8.0	16
DD024786		0.46	0.004	0.47	1.16	23.3	<0.2	<10	440	0.88	0.21	0.88	1.85	19.20	7.9	19
DD024787		0.34	0.006	0.61	0.97	30.0	<0.2	<10	610	0.79	0.23	0.78	2.11	19.55	9.4	19
DD024788		0.49	0.008	0.62	0.71	20.6	<0.2	<10	700	0.53	0.21	0.34	1.50	25.7	10.1	12
DD024789		0.40	0.004	0.21	0.73	14.3	<0.2	<10	250	0.34	0.23	0.05	0.39	11.40	5.1	10
DD024790		0.41	0.010	0.59	0.57	24.9	<0.2	<10	840	0.55	0.20	0.29	2.47	26.0	12.7	10
DD024791		0.46	0.007	0.90	0.94	27.8	<0.2	<10	940	0.85	0.21	1.33	7.93	22.9	8.5	25
DD024792		0.33	0.004	0.46	1.20	26.9	<0.2	<10	450	0.76	0.23	0.39	4.79	21.8	6.4	26
DD024793		0.42	0.002	0.46	0.87	38.5	<0.2	<10	340	0.79	0.22	0.24	4.22	19.50	6.2	23
DD024794		0.35	0.004	0.65	1.14	37.0	<0.2	<10	300	0.87	0.25	0.29	4.31	25.1	9.7	29
DD024795		0.43	0.004	1.48	1.00	47.7	<0.2	10	300	1.34	0.23	0.91	8.12	41.7	11.5	37
DD024796		0.28	0.003	1.25	0.77	28.7	<0.2	<10	280	0.93	0.18	3.27	14.65	31.1	7.6	32
DD024797		0.42	0.006	2.27	0.62	21.8	<0.2	10	340	1.06	0.17	5.11	6.98	41.3	7.6	53
DD024798		0.27	0.002	1.16	0.63	10.9	<0.2	10	430	0.71	0.10	4.72	6.07	28.8	4.1	53
DD024799		0.21	0.004	1.12	1.09	20.5	<0.2	<10	280	0.73	0.19	3.77	6.28	33.9	6.4	43
DD024800		0.34	0.007	4.39	0.72	20.9	<0.2	<10	470	1.21	0.18	5.78	5.22	50.4	6.4	109
DD024801		0.41	0.005	0.12	0.40	7.0	<0.2	<10	80	1.25	0.21	2.85	0.18	55.0	11.1	19
DD024802		0.54	0.001	0.15	1.41	11.9	<0.2	<10	160	1.37	0.35	0.68	0.12	19.40	16.2	21
DD024803		0.38	0.003	0.17	1.08	21.5	<0.2	<10	200	1.30	0.32	0.97	0.27	21.9	15.4	19
DD024804		0.50	0.001	0.14	0.63	23.3	<0.2	<10	250	1.00	0.38	0.53	0.26	14.90	11.1	9
DD024805		0.39	0.002	0.41	1.17	27.9	<0.2	<10	310	0.76	0.24	0.47	0.57	23.0	11.7	21
DD024806		0.33	0.005	0.59	0.96	47.2	<0.2	<10	440	0.99	0.22	1.22	17.70	16.60	10.1	20
DD024807		0.44	0.002	0.15	1.16	24.0	<0.2	<10	280	0.84	0.24	0.08	0.81	25.1	11.6	18
DD024808		0.45	0.002	0.05	1.07	70.0	<0.2	<10	100	0.46	0.30	0.05	0.40	22.5	13.3	23
DD024809		0.48	0.002	0.11	1.36	19.8	<0.2	<10	140	0.42	0.23	0.08	0.48	22.1	6.0	20
DD024810		0.52	0.007	0.42	0.62	15.7	<0.2	<10	190	0.49	0.22	0.11	0.89	21.0	9.4	8
DD024811		0.39	0.007	0.93	0.53	13.3	<0.2	<10	920	0.52	0.24	0.49	2.58	17.45	9.9	12
DD024812		0.40	0.005	0.75	0.99	26.9	<0.2	<10	480	0.86	0.24	0.31	3.49	29.2	7.9	22
DD024813		0.39	0.009	0.68	0.90	36.3	<0.2	<10	580	0.82	0.20	1.07	5.36	19.85	6.6	21
DD024814		0.45	0.002	0.55	1.12	51.8	<0.2	<10	160	0.36	0.27	0.02	0.80	13.25	5.5	21
DD024815		0.40	0.007	0.54	0.73	23.2	<0.2	<10	460	0.59	0.22	0.14	1.81	20.2	9.2	11
DD024816		0.37	0.008	0.37	0.63	22.7	<0.2	<10	180	0.56	0.21	0.10	2.42	16.45	7.9	8
ZZ34911		0.26	0.002	0.07	1.59	16.7	<0.2	<10	330	1.02	0.41	0.08	0.53	15.75	13.9	27
ZZ34912		0.22	0.009	1.23	1.93	25.7	<0.2	<10	940	2.08	0.37	0.69	1.30	16.45	14.9	34
ZZ34913		0.36	0.005	0.90	1.23	22.5	<0.2	<10	1260	1.18	0.30	0.60	3.53	22.1	19.3	21

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Finalized Date: 1-AUG-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024780		1.79	19.1	3.11	5.06	<0.05	<0.02	0.04	0.029	0.07	8.3	11.0	0.22	516	1.34	<0.01
DD024781		2.05	19.8	2.47	5.49	<0.05	<0.02	0.04	0.026	0.10	12.0	10.5	0.26	1020	2.66	<0.01
DD024782		1.87	14.8	1.95	4.82	<0.05	<0.02	0.02	0.022	0.06	8.8	6.9	0.15	140	2.18	<0.01
DD024783		1.60	44.9	3.22	3.20	0.08	0.08	0.10	0.035	0.13	10.4	17.5	0.40	415	7.64	0.01
DD024784		0.72	29.3	3.17	3.47	0.06	0.06	0.10	0.036	0.09	11.9	16.3	0.35	417	2.89	0.01
DD024785		0.74	31.5	2.66	2.91	0.06	0.08	0.15	0.034	0.11	11.3	13.9	0.39	354	4.79	0.01
DD024786		0.58	27.5	2.89	3.45	0.05	0.07	0.12	0.035	0.09	10.9	16.3	0.38	291	3.81	0.01
DD024787		0.81	38.0	2.89	3.18	0.05	0.09	0.16	0.037	0.10	9.5	11.7	0.36	374	5.19	0.01
DD024788		1.16	67.2	2.58	2.49	0.06	<0.02	0.19	0.034	0.10	11.5	6.7	0.17	282	6.40	0.01
DD024789		0.88	43.1	2.43	2.89	<0.05	<0.02	0.04	0.028	0.09	5.0	3.1	0.07	120	5.31	<0.01
DD024790		0.88	73.0	2.95	2.10	0.07	<0.02	0.22	0.031	0.11	11.6	4.7	0.12	567	6.79	0.01
DD024791		0.98	60.5	1.59	3.04	0.08	0.08	0.21	0.037	0.09	14.1	11.2	0.29	90	17.15	0.01
DD024792		0.94	30.4	2.37	4.04	0.05	0.04	0.08	0.028	0.08	12.9	9.6	0.21	229	13.40	0.01
DD024793		0.53	49.2	2.39	3.25	0.06	0.04	0.09	0.034	0.10	13.1	5.1	0.11	179	38.3	<0.01
DD024794		0.86	34.6	2.56	3.73	0.06	0.04	0.22	0.035	0.10	15.8	8.1	0.18	415	16.35	<0.01
DD024795		0.68	56.0	2.79	3.53	0.09	0.08	0.33	0.042	0.14	29.7	8.8	0.19	352	27.0	0.01
DD024796		0.57	45.5	1.79	2.68	0.09	0.12	0.30	0.029	0.08	29.5	4.5	0.31	263	24.5	0.01
DD024797		0.63	62.9	1.87	2.46	0.09	0.10	0.36	0.031	0.12	38.7	5.1	1.28	177	19.75	0.01
DD024798		0.29	36.4	0.89	2.00	0.06	0.07	0.18	0.015	0.05	33.0	3.6	0.18	200	8.05	0.01
DD024799		0.66	36.4	1.67	2.99	0.06	0.06	0.23	0.026	0.05	31.8	5.3	0.20	348	19.65	0.01
DD024800		0.73	101.0	1.63	3.06	0.13	0.05	0.62	0.025	0.06	60.1	6.8	1.04	148	16.85	0.01
DD024801		0.60	43.5	2.03	1.86	0.09	0.05	0.71	0.036	0.08	23.9	7.0	0.78	235	0.51	0.01
DD024802		2.95	38.8	3.53	4.76	0.06	0.08	0.08	0.038	0.12	8.7	42.4	0.43	688	0.65	0.01
DD024803		1.51	38.4	3.81	3.64	0.06	0.07	0.14	0.043	0.08	11.3	17.2	0.33	1040	1.08	<0.01
DD024804		1.93	31.1	3.79	1.95	0.05	0.08	0.54	0.036	0.09	6.8	7.9	0.15	481	1.02	<0.01
DD024805		1.11	25.2	2.79	3.92	0.05	0.06	0.08	0.028	0.06	10.4	17.8	0.37	447	1.87	0.01
DD024806		0.67	52.0	2.70	3.26	0.05	0.06	0.19	0.033	0.08	8.4	11.1	0.26	300	9.99	0.01
DD024807		0.87	34.0	3.31	4.38	<0.05	0.03	0.04	0.036	0.10	9.0	12.7	0.22	631	3.78	0.01
DD024808		1.72	33.3	3.72	5.41	0.05	<0.02	0.05	0.033	0.08	8.7	10.4	0.27	868	2.49	<0.01
DD024809		1.48	20.0	1.98	5.63	<0.05	<0.02	0.05	0.024	0.05	10.8	11.8	0.19	206	3.35	<0.01
DD024810		0.72	75.7	2.38	2.18	0.05	0.02	0.08	0.035	0.10	9.5	3.0	0.06	298	5.53	<0.01
DD024811		1.12	77.0	1.86	1.97	0.07	0.05	0.19	0.040	0.13	7.8	7.1	0.17	217	4.29	0.01
DD024812		0.86	51.8	2.60	3.52	0.07	<0.02	0.11	0.033	0.10	17.0	9.1	0.16	286	11.15	<0.01
DD024813		0.76	43.5	2.06	3.19	0.06	0.03	0.26	0.032	0.08	14.4	6.5	0.39	273	12.10	0.01
DD024814		2.14	40.1	3.20	5.34	<0.05	0.02	0.06	0.031	0.10	6.4	5.5	0.11	130	20.9	0.01
DD024815		2.79	72.0	2.61	2.72	0.05	0.02	0.12	0.040	0.10	9.2	4.3	0.07	232	12.20	0.01
DD024816		3.63	77.3	2.41	2.16	<0.05	0.03	0.11	0.037	0.10	6.7	3.6	0.06	197	9.80	<0.01
ZZ34911		2.77	36.0	3.34	6.77	<0.05	0.03	0.03	0.038	0.11	6.5	16.8	0.28	720	2.95	0.01
ZZ34912		3.90	82.2	3.54	6.00	0.05	0.19	0.34	0.047	0.21	8.1	32.5	0.43	678	5.15	0.02
ZZ34913		1.82	73.8	3.13	4.08	0.05	0.02	0.26	0.039	0.12	10.1	16.5	0.30	593	7.06	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
DD024780	0.42	16.3	780	20.2	16.4	<0.001	0.02	0.56	1.3	0.2	0.6	6.3	<0.01	0.04	0.5
DD024781	0.38	16.3	900	13.3	21.7	<0.001	0.07	1.29	0.8	0.8	0.7	10.4	<0.01	0.05	0.2
DD024782	0.39	12.7	540	11.4	10.2	<0.001	0.03	1.04	0.9	0.6	0.7	8.7	<0.01	0.05	0.2
DD024783	0.26	40.4	580	35.6	11.1	<0.001	0.03	3.75	5.9	1.8	0.4	34.8	<0.01	0.04	2.8
DD024784	0.35	23.1	1150	27.3	9.2	0.001	0.07	0.93	4.2	0.9	0.5	44.7	<0.01	0.04	1.1
DD024785	0.34	30.1	1210	17.2	11.7	0.005	0.13	1.85	3.5	3.0	0.4	67.9	<0.01	0.04	1.1
DD024786	0.36	26.4	1130	17.4	10.7	0.003	0.08	1.54	3.6	2.1	0.4	45.8	<0.01	0.04	1.1
DD024787	0.30	37.9	950	20.4	8.2	0.003	0.06	2.76	4.6	2.3	0.4	42.0	<0.01	0.07	1.9
DD024788	0.19	55.6	1490	14.9	8.4	0.004	0.02	3.82	3.3	3.7	0.4	32.3	<0.01	0.08	1.7
DD024789	0.22	32.7	1210	13.8	9.9	0.001	0.02	2.83	1.3	1.5	0.5	7.3	<0.01	0.08	0.6
DD024790	0.20	78.8	1450	17.2	7.1	0.001	0.01	3.83	4.1	3.0	0.4	26.6	<0.01	0.07	3.1
DD024791	0.34	73.3	1190	14.5	7.9	0.025	0.18	4.40	4.8	6.1	0.5	43.5	<0.01	0.09	2.6
DD024792	0.36	41.8	1470	13.0	12.0	0.001	0.06	4.36	2.0	2.6	0.5	16.9	<0.01	0.07	0.7
DD024793	0.25	91.5	1230	13.0	8.6	0.002	0.06	10.55	1.8	5.1	0.6	15.0	<0.01	0.12	0.6
DD024794	0.30	38.7	1330	16.7	11.6	0.003	0.05	5.20	2.3	2.5	0.6	13.8	<0.01	0.10	1.0
DD024795	0.29	100.5	1830	18.8	11.5	0.003	0.05	6.73	4.0	3.7	0.6	21.7	0.01	0.12	1.7
DD024796	0.33	86.3	2290	13.2	9.2	0.003	0.17	8.26	2.5	5.1	0.5	46.1	0.01	0.09	1.0
DD024797	0.23	122.5	2130	13.0	9.4	0.003	0.06	7.42	3.3	5.0	0.5	101.5	0.01	0.11	1.3
DD024798	0.22	68.2	3210	6.9	4.1	0.002	0.22	3.47	1.1	7.0	0.3	80.6	0.01	0.06	0.3
DD024799	0.44	66.0	3660	13.8	6.7	0.002	0.20	7.33	1.3	5.3	0.5	64.2	0.01	0.07	0.4
DD024800	0.24	152.5	1810	10.5	7.5	0.002	0.08	7.09	4.2	9.8	0.6	123.5	<0.01	0.13	1.6
DD024801	0.09	25.8	550	15.2	5.7	<0.001	0.02	0.22	8.0	4.1	0.4	40.6	<0.01	0.01	8.2
DD024802	0.32	31.3	910	26.9	12.1	<0.001	0.04	0.36	6.3	1.3	0.5	37.0	<0.01	0.06	2.8
DD024803	0.30	28.6	1110	30.9	8.7	<0.001	0.06	0.58	6.1	1.5	0.4	41.1	<0.01	0.06	1.6
DD024804	0.21	24.5	720	43.0	9.8	<0.001	0.05	0.53	3.8	0.7	0.3	30.0	<0.01	0.06	1.6
DD024805	0.49	26.5	790	17.2	9.8	0.001	0.05	1.08	2.7	1.0	0.4	28.7	<0.01	0.04	1.3
DD024806	0.34	130.0	1030	17.5	9.0	0.006	0.11	5.09	3.0	4.4	0.5	43.3	<0.01	0.07	0.9
DD024807	0.31	32.0	1320	23.9	14.2	<0.001	0.06	1.64	1.7	1.6	0.5	9.3	<0.01	0.06	0.7
DD024808	0.66	24.1	580	27.7	14.4	<0.001	0.03	0.99	2.4	0.8	0.6	8.0	<0.01	0.07	0.9
DD024809	0.46	20.5	800	13.7	9.7	<0.001	0.02	0.91	0.8	1.3	0.6	10.4	<0.01	0.04	0.3
DD024810	0.16	50.7	1410	15.5	9.1	0.002	0.02	2.86	2.3	1.9	0.4	12.6	<0.01	0.07	1.8
DD024811	0.17	56.6	1410	12.7	9.2	0.007	0.15	2.22	3.5	3.8	0.4	49.6	<0.01	0.08	3.2
DD024812	0.19	66.1	1610	15.7	10.9	0.001	0.05	3.05	0.7	2.6	0.5	16.1	<0.01	0.09	0.2
DD024813	0.27	58.8	1540	13.2	12.0	0.002	0.06	2.79	1.8	2.0	0.5	18.2	<0.01	0.09	0.8
DD024814	0.78	40.6	730	18.1	14.3	0.001	0.11	4.85	2.5	4.1	0.7	18.8	<0.01	0.17	1.9
DD024815	0.18	62.0	1560	16.4	12.7	0.004	0.05	5.16	2.1	3.9	0.5	19.3	<0.01	0.12	1.4
DD024816	0.19	62.0	1340	15.5	12.3	0.003	0.03	3.68	2.5	3.4	0.4	11.8	<0.01	0.07	2.1
ZZ34911	0.53	29.4	840	18.1	23.0	<0.001	0.04	0.87	2.9	1.0	1.0	9.2	<0.01	0.04	1.4
ZZ34912	0.43	57.4	970	22.7	25.1	0.002	0.07	1.63	8.1	3.0	1.0	48.6	<0.01	0.07	3.1
ZZ34913	0.22	79.2	1010	25.5	12.0	0.003	0.06	2.31	5.7	2.0	0.7	37.8	<0.01	0.06	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD024780		0.010	0.20	0.47	39	0.14	2.86	61	<0.5
DD024781		0.010	0.18	0.45	55	0.10	2.64	92	<0.5
DD024782		0.020	0.14	0.44	50	0.19	2.53	60	<0.5
DD024783		0.008	0.45	1.70	51	0.07	15.15	322	2.6
DD024784		0.009	0.19	1.68	39	0.09	11.10	120	1.3
DD024785		0.007	0.25	6.16	43	0.07	14.55	210	2.2
DD024786		0.009	0.22	2.64	53	0.08	12.50	219	1.8
DD024787		0.008	0.33	1.20	66	0.08	13.15	234	2.3
DD024788		0.008	0.49	2.07	56	0.08	16.50	321	<0.5
DD024789		0.007	0.33	0.97	62	0.09	3.75	224	<0.5
DD024790		0.008	0.52	2.17	54	0.08	17.95	377	<0.5
DD024791		0.007	0.57	5.56	206	0.10	23.5	427	2.9
DD024792		0.009	0.70	2.89	225	0.15	15.90	378	1.1
DD024793		0.006	0.88	3.90	353	0.18	16.90	556	0.9
DD024794		0.006	0.52	5.74	314	0.13	15.95	418	1.0
DD024795		0.006	0.45	7.96	395	0.21	37.9	941	1.4
DD024796		0.005	0.60	8.71	289	0.16	36.3	935	2.8
DD024797		0.005	0.33	5.45	331	0.20	44.1	733	2.4
DD024798		<0.005	0.13	3.57	151	0.12	32.3	387	1.7
DD024799		0.007	0.49	8.31	241	0.17	29.8	544	1.5
DD024800		0.006	0.21	4.30	320	0.31	54.4	600	1.6
DD024801		<0.005	0.07	1.34	21	<0.05	18.80	96	2.0
DD024802		0.007	0.11	2.22	25	<0.05	19.30	92	2.4
DD024803		0.008	0.11	2.54	31	0.06	20.1	96	2.0
DD024804		<0.005	0.26	1.34	20	0.05	11.30	95	2.1
DD024805		0.011	0.17	1.63	59	0.10	7.21	107	1.5
DD024806		0.006	0.51	16.90	434	0.09	12.95	1680	1.7
DD024807		0.007	0.27	1.04	61	0.08	6.43	208	0.6
DD024808		0.018	0.29	0.60	57	0.15	3.37	120	<0.5
DD024809		0.012	0.38	1.02	82	0.17	4.54	89	<0.5
DD024810		<0.005	0.35	2.21	56	0.06	12.75	331	0.5
DD024811		<0.005	0.29	2.67	53	0.05	19.20	305	1.7
DD024812		0.005	0.49	3.03	160	0.11	23.0	387	<0.5
DD024813		<0.005	0.65	4.13	216	0.13	21.2	408	0.8
DD024814		0.012	1.74	1.54	207	0.18	3.36	251	0.8
DD024815		<0.005	0.78	3.04	113	0.09	13.90	447	0.5
DD024816		<0.005	0.58	2.23	59	0.06	12.45	702	0.6
ZZ34911		0.008	0.26	1.02	62	0.17	6.72	145	0.6
ZZ34912		<0.005	0.55	4.66	96	0.13	23.8	321	5.1
ZZ34913		0.006	0.65	1.77	88	0.08	19.35	311	0.5

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ34914		0.33	0.005	0.32	0.71	19.9	<0.2	<10	410	0.73	0.21	0.51	1.99	33.5	11.1	17
ZZ34915		0.34	0.009	1.39	0.57	43.8	<0.2	<10	540	0.75	0.18	0.61	16.85	18.85	11.8	23
ZZ34916		0.32	0.012	0.81	0.61	20.5	<0.2	<10	2010	0.64	0.25	0.33	3.20	28.4	16.4	8
ZZ34917		0.32	0.007	1.11	0.58	16.4	<0.2	<10	1230	0.70	0.16	0.45	6.20	23.8	10.4	15
ZZ34918		0.41	0.004	0.50	0.96	20.4	<0.2	<10	610	0.82	0.19	0.29	2.89	35.0	13.1	18
ZZ34919		0.36	0.006	1.06	0.75	32.8	<0.2	<10	1270	0.73	0.21	0.23	7.27	30.1	15.2	21
ZZ34920		0.40	0.006	0.79	0.60	16.1	<0.2	<10	1640	0.56	0.17	0.40	3.15	25.8	10.5	16
ZZ34921		0.27	0.005	0.99	1.07	18.5	<0.2	<10	910	0.91	0.20	0.59	4.33	35.9	13.4	21
ZZ34922		0.30	0.005	2.75	0.69	18.8	<0.2	<10	470	1.16	0.21	0.74	25.9	42.4	13.9	17
ZZ34923		0.30	0.003	0.93	0.62	30.8	<0.2	<10	110	0.53	0.29	0.02	0.89	13.35	0.6	14
ZZ34924		0.36	0.007	0.66	0.67	13.4	<0.2	<10	420	0.60	0.21	0.20	0.84	26.4	10.8	8
ZZ34925		0.42	0.006	1.75	0.98	15.5	<0.2	<10	850	0.78	0.19	0.56	3.07	22.5	8.4	30
ZZ34926		0.57	0.009	1.44	0.91	26.1	<0.2	<10	450	0.54	0.25	0.04	0.44	24.1	6.3	23
ZZ34927		0.42	0.011	1.52	0.96	23.8	<0.2	<10	60	0.75	0.25	0.02	0.51	59.3	5.8	15
ZZ34928		0.33	0.005	2.57	0.89	45.0	<0.2	<10	1730	0.75	0.25	0.72	1.57	14.40	3.3	62
ZZ34929		0.29	0.007	15.70	0.80	44.7	<0.2	20	5260	0.94	0.20	2.63	26.9	14.30	3.6	180
ZZ34930		0.27	0.015	7.58	0.66	21.5	<0.2	10	2170	0.83	0.18	2.49	4.24	15.15	4.9	78
ZZ34931		0.23	0.002	1.96	0.54	15.1	<0.2	<10	970	0.53	0.16	2.14	2.25	11.15	4.1	34
ZZ34932		0.43	0.006	3.03	0.45	24.8	<0.2	<10	1030	0.79	0.19	0.62	1.67	7.09	6.4	38
ZZ34933		0.31	0.019	5.16	1.01	60.1	<0.2	10	190	1.02	0.31	1.06	6.85	23.8	8.7	41
ZZ34934		0.33	0.016	13.75	0.70	44.3	<0.2	10	1250	0.91	0.21	3.21	10.85	11.15	6.9	89
ZZ34935		0.35	0.003	1.05	0.50	13.9	<0.2	<10	220	0.36	0.24	0.02	0.20	3.20	4.6	22
ZZ34936		0.37	0.007	2.13	0.90	25.2	<0.2	<10	420	0.85	0.29	0.06	0.37	11.85	8.3	36
ZZ34937		0.45	0.006	1.91	0.84	23.8	<0.2	<10	380	1.69	0.14	0.02	2.50	11.60	27.2	36
ZZ34938		0.35	0.005	2.18	0.90	22.0	<0.2	<10	2050	0.86	0.16	0.44	2.83	19.40	7.8	36
ZZ34939		0.24	0.002	1.31	0.74	15.0	<0.2	<10	1360	0.90	0.14	2.23	3.40	10.65	4.1	40
ZZ34940		0.36	0.008	2.24	0.37	20.9	<0.2	<10	2060	0.64	0.17	0.72	1.16	4.67	5.1	19
ZZ34941		0.29	0.008	2.54	0.40	19.0	<0.2	<10	1820	0.60	0.17	0.85	1.09	4.21	4.5	19
ZZ34942		0.30	0.008	1.48	0.38	17.3	<0.2	<10	1630	0.59	0.19	0.34	1.45	4.40	4.2	18
ZZ34943		0.32	0.014	1.85	0.39	24.6	<0.2	<10	750	0.63	0.23	0.53	5.37	6.79	7.1	20
ZZ34944		0.33	0.008	1.45	0.64	16.4	<0.2	<10	720	0.63	0.25	0.09	0.75	13.35	6.4	10
ZZ34945		0.40	0.009	0.90	0.66	13.4	<0.2	<10	920	0.76	0.25	0.45	5.22	17.35	17.3	8
ZZ34946		0.28	0.004	1.52	0.61	25.0	<0.2	<10	200	1.46	0.13	2.69	7.16	29.9	5.4	50
ZZ34947		0.34	0.002	0.50	0.96	16.8	<0.2	<10	190	1.04	0.16	5.08	1.88	39.2	9.1	21
ZZ34948		0.27	0.003	0.63	0.92	25.5	<0.2	<10	180	1.21	0.18	1.38	2.44	45.4	10.5	22
ZZ34949		0.24	0.004	1.26	0.99	57.0	<0.2	<10	390	1.35	0.15	0.87	1.89	74.8	13.5	25
ZZ34950		0.32	0.003	0.54	0.98	26.5	<0.2	<10	510	1.11	0.11	1.12	1.22	33.8	13.4	31
ZZ34951		0.30	0.001	0.71	1.10	33.5	<0.2	<10	450	1.11	0.08	0.75	2.58	65.4	23.6	52
ZZ34952		0.39	0.005	0.94	0.88	61.2	<0.2	<10	240	0.89	0.21	0.20	2.89	18.65	7.4	26
ZZ34953		0.26	<0.001	0.12	1.77	12.1	<0.2	<10	230	0.97	0.13	0.61	0.37	41.9	22.3	50

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ34914		1.22	46.5	3.01	2.44	0.06	0.03	0.07	0.042	0.13	9.0	8.6	0.13	329	10.35	0.01
ZZ34915		2.25	95.9	2.11	2.43	0.09	0.02	0.42	0.028	0.11	11.0	5.5	0.12	206	28.3	0.01
ZZ34916		5.86	108.0	3.09	1.99	0.10	<0.02	0.18	0.049	0.11	11.4	2.5	0.05	304	13.35	<0.01
ZZ34917		0.81	67.2	2.28	1.97	0.07	0.04	0.13	0.033	0.14	12.5	4.8	0.11	256	9.03	0.01
ZZ34918		0.84	50.0	3.35	3.02	0.09	0.03	0.07	0.043	0.14	14.7	8.8	0.17	348	8.58	0.01
ZZ34919		0.91	79.9	3.56	2.80	0.08	0.02	0.12	0.048	0.17	14.0	8.7	0.17	319	33.0	0.02
ZZ34920		0.74	68.4	2.45	2.12	0.08	0.02	0.17	0.032	0.12	12.4	5.8	0.15	305	6.96	<0.01
ZZ34921		0.89	53.0	3.19	3.45	0.08	0.04	0.16	0.040	0.11	18.0	8.9	0.24	388	9.92	0.01
ZZ34922		0.84	78.2	3.04	1.92	0.13	0.07	0.23	0.035	0.17	24.7	2.2	0.04	317	16.60	0.01
ZZ34923		0.61	21.2	3.43	7.51	0.06	<0.02	0.05	0.063	0.31	4.7	4.3	0.03	<5	10.80	0.09
ZZ34924		1.07	65.9	2.35	1.77	0.06	0.02	0.08	0.039	0.11	11.5	3.0	0.05	180	5.41	<0.01
ZZ34925		0.81	43.8	2.46	2.21	0.07	0.04	0.10	0.039	0.11	13.0	5.1	0.12	302	6.71	0.02
ZZ34926		1.40	79.9	4.58	3.24	0.07	<0.02	0.10	0.070	0.33	10.5	4.7	0.12	163	13.80	0.04
ZZ34927		1.06	68.5	8.28	2.63	0.12	0.04	0.25	0.087	0.67	21.6	4.8	0.06	108	10.75	0.15
ZZ34928		0.86	52.2	3.39	3.88	0.07	<0.02	0.10	0.051	0.15	10.4	6.0	0.11	130	21.8	0.03
ZZ34929		0.45	157.0	2.33	3.53	0.15	0.08	0.62	0.038	0.13	21.4	5.2	0.17	47	40.4	0.01
ZZ34930		0.27	64.1	2.32	2.15	0.10	0.07	0.33	0.034	0.09	15.9	3.5	0.09	136	14.05	0.01
ZZ34931		0.37	25.7	2.01	2.00	<0.05	0.03	0.15	0.026	0.06	7.9	3.0	0.07	151	5.76	0.02
ZZ34932		0.52	71.6	3.56	1.66	0.06	0.05	0.25	0.047	0.13	6.0	3.6	0.05	141	8.20	0.02
ZZ34933		0.74	108.0	5.19	2.68	0.12	0.08	0.40	0.070	0.38	16.4	5.1	0.07	178	45.1	0.05
ZZ34934		0.58	170.0	2.92	2.67	0.13	0.06	0.62	0.045	0.12	12.7	3.2	0.10	73	36.3	0.02
ZZ34935		0.90	64.5	3.00	1.96	<0.05	0.02	0.13	0.042	0.09	1.9	1.1	0.03	83	8.20	0.02
ZZ34936		0.62	104.5	6.32	3.02	0.06	0.02	0.16	0.086	0.12	5.3	5.7	0.17	173	14.10	0.03
ZZ34937		0.75	428	12.85	1.93	0.16	0.04	0.37	0.058	0.06	7.3	2.6	0.07	392	23.3	0.02
ZZ34938		0.73	42.6	2.75	2.11	0.08	0.03	0.12	0.036	0.10	11.4	7.0	0.15	280	7.69	0.02
ZZ34939		0.34	33.0	2.09	1.74	0.05	0.11	0.13	0.027	0.04	8.7	2.6	0.12	284	3.37	0.02
ZZ34940		0.63	61.1	2.15	1.24	0.05	0.02	0.20	0.033	0.08	3.3	2.3	0.04	71	8.60	0.01
ZZ34941		0.48	59.0	2.18	1.30	<0.05	0.04	0.21	0.035	0.08	3.2	2.2	0.04	56	7.08	0.01
ZZ34942		0.79	71.5	2.31	1.34	0.05	0.02	0.14	0.036	0.09	3.1	1.6	0.03	43	7.21	0.01
ZZ34943		1.21	115.5	5.67	1.37	0.07	0.02	0.41	0.046	0.10	4.0	1.7	0.05	94	23.5	0.02
ZZ34944		2.79	68.0	2.60	2.04	0.05	0.02	0.17	0.045	0.17	5.5	2.8	0.08	177	8.70	0.02
ZZ34945		1.03	98.8	2.41	1.88	0.08	0.04	0.14	0.042	0.17	7.3	4.8	0.10	336	7.33	0.02
ZZ34946		0.94	98.9	1.10	4.05	0.15	0.04	0.34	0.040	0.11	41.8	3.0	0.07	76	133.5	0.02
ZZ34947		0.66	28.2	2.95	2.52	0.08	0.07	0.22	0.038	0.11	26.6	5.3	0.66	254	6.00	0.02
ZZ34948		0.59	27.3	3.24	2.47	0.10	0.09	0.13	0.047	0.13	34.2	4.3	0.23	202	9.67	0.02
ZZ34949		0.75	33.8	3.83	2.11	0.12	0.08	6.73	0.049	0.11	40.9	3.8	0.08	363	6.19	0.02
ZZ34950		1.82	38.4	4.31	2.46	0.07	0.07	0.19	0.054	0.12	18.2	4.4	0.12	311	6.02	0.02
ZZ34951		3.03	41.6	5.92	2.91	0.12	0.03	0.18	0.064	0.16	23.4	9.2	0.14	689	6.08	0.02
ZZ34952		1.42	131.0	2.65	4.17	0.06	<0.02	0.16	0.037	0.12	11.5	1.8	0.04	141	62.6	0.02
ZZ34953		1.27	30.0	4.43	7.35	0.06	0.06	0.04	0.046	0.11	14.8	23.5	0.38	819	4.35	0.02

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ34914		0.21	56.0	1440	16.4	10.6	0.006	0.08	3.23	3.1	3.6	0.5	38.6	<0.01	0.10	2.2
ZZ34915		0.22	135.5	1660	13.0	9.1	0.003	0.07	14.40	4.0	5.2	0.5	51.8	<0.01	0.13	1.8
ZZ34916		0.14	102.5	1800	21.2	8.7	0.003	0.05	5.75	4.6	5.6	0.6	62.2	<0.01	0.09	4.5
ZZ34917		0.17	74.5	1730	12.1	8.0	0.003	0.12	3.48	4.9	3.6	0.4	59.1	<0.01	0.09	4.7
ZZ34918		0.24	58.5	2650	16.8	10.2	0.002	0.09	3.55	3.9	3.9	0.5	40.8	<0.01	0.09	3.0
ZZ34919		0.22	110.0	1600	18.9	9.0	0.004	0.26	10.85	5.3	5.6	0.5	73.4	<0.01	0.11	3.5
ZZ34920		0.28	72.0	1720	12.4	7.7	0.004	0.12	3.22	4.1	2.8	0.3	62.9	<0.01	0.08	4.0
ZZ34921		0.41	94.9	1410	13.6	10.7	0.004	0.06	2.61	5.6	2.1	0.5	54.8	<0.01	0.07	3.8
ZZ34922		0.06	108.5	4130	16.4	9.2	0.004	0.03	13.50	6.4	6.9	0.4	53.1	<0.01	0.10	5.2
ZZ34923		0.08	6.4	710	20.7	20.0	0.003	1.10	1.99	1.7	6.0	0.6	152.5	<0.01	0.17	3.2
ZZ34924		0.16	50.8	1550	16.7	9.7	0.005	0.02	3.20	3.1	2.6	0.5	24.6	<0.01	0.09	4.4
ZZ34925		0.18	71.0	1760	13.0	9.6	0.001	0.12	2.21	3.6	5.0	0.5	42.1	<0.01	0.12	1.5
ZZ34926		0.25	34.6	2450	24.3	15.9	0.001	0.66	6.05	4.6	7.5	0.6	85.1	<0.01	0.14	3.4
ZZ34927		0.19	50.8	3400	22.1	23.4	0.001	1.81	5.78	4.7	5.8	0.6	271	<0.01	0.12	7.1
ZZ34928		0.08	59.3	4270	14.5	13.7	0.007	0.31	3.44	0.5	12.4	0.7	87.4	<0.01	0.15	<0.2
ZZ34929		0.09	222	5550	11.2	8.1	0.007	0.11	10.55	4.5	24.1	0.7	165.0	<0.01	0.16	1.2
ZZ34930		0.12	112.0	3170	10.3	5.3	0.006	0.14	2.60	3.6	13.7	0.6	93.9	<0.01	0.12	1.0
ZZ34931		0.22	44.8	1590	9.7	4.9	0.003	0.14	1.59	2.5	5.7	0.5	77.2	<0.01	0.09	0.5
ZZ34932		0.05	99.6	1770	12.9	8.0	0.002	0.32	2.08	6.9	8.3	0.6	117.0	<0.01	0.11	1.4
ZZ34933		0.11	150.0	3160	21.6	19.9	0.005	0.99	5.50	7.4	18.7	0.8	277	<0.01	0.28	3.8
ZZ34934		0.07	239	3590	12.3	7.1	0.008	0.22	6.46	5.9	22.4	0.7	253	<0.01	0.19	2.1
ZZ34935		0.08	57.4	1340	10.4	7.8	0.002	0.12	1.48	2.4	4.1	0.6	24.9	<0.01	0.17	0.3
ZZ34936		0.33	87.5	1760	16.9	9.8	0.003	0.37	2.68	6.2	10.2	0.8	80.8	<0.01	0.19	1.3
ZZ34937		0.16	283	1770	9.8	6.6	0.003	0.28	3.45	42.7	16.6	0.5	69.1	0.01	0.14	1.6
ZZ34938		0.26	89.7	2100	10.0	6.7	0.002	0.17	1.94	5.6	7.0	0.5	96.2	<0.01	0.07	1.8
ZZ34939		0.14	55.0	2820	9.1	5.2	0.001	0.15	1.32	2.3	5.3	0.4	142.5	<0.01	0.05	0.6
ZZ34940		<0.05	104.0	1190	11.0	5.4	0.004	0.06	2.24	6.1	7.0	0.5	104.5	<0.01	0.09	1.1
ZZ34941		<0.05	105.5	1320	9.8	5.1	0.003	0.07	1.87	5.6	5.3	0.5	114.5	<0.01	0.10	1.0
ZZ34942		<0.05	81.4	1120	10.4	6.5	0.002	0.05	1.65	4.3	5.7	0.5	62.8	<0.01	0.09	0.5
ZZ34943		<0.05	158.0	1370	13.8	7.4	0.004	0.11	3.90	8.6	8.1	0.6	63.4	<0.01	0.11	1.3
ZZ34944		0.10	38.1	1420	21.1	11.9	0.001	0.18	5.44	1.9	4.6	0.5	59.1	<0.01	0.12	1.2
ZZ34945		0.11	73.9	1280	20.7	9.1	0.003	0.06	4.61	3.9	4.6	0.4	41.3	<0.01	0.10	3.9
ZZ34946		0.13	298	2130	10.4	7.5	0.006	0.06	10.40	3.2	20.4	0.8	48.1	<0.01	0.26	0.6
ZZ34947		0.28	53.1	1710	12.5	7.4	0.001	0.05	2.19	4.3	2.2	0.4	94.7	<0.01	0.03	2.1
ZZ34948		0.22	67.3	1460	14.8	6.8	0.001	0.07	4.12	4.4	2.6	0.4	31.1	<0.01	0.05	2.1
ZZ34949		0.13	78.2	1610	14.2	6.1	0.001	0.07	2.39	5.8	3.2	0.3	39.8	<0.01	0.03	2.2
ZZ34950		0.17	70.0	2180	9.7	7.4	0.001	0.08	2.46	6.0	2.3	0.5	46.9	<0.01	0.05	1.6
ZZ34951		0.14	80.7	2700	10.6	7.2	0.002	0.05	2.51	9.6	2.1	0.5	44.9	<0.01	0.05	2.2
ZZ34952		<0.05	82.5	3590	28.7	8.8	0.002	0.15	27.4	0.2	14.4	0.7	24.1	<0.01	0.20	<0.2
ZZ34953		0.22	40.7	2340	12.4	11.0	<0.001	0.12	1.53	6.3	1.5	0.7	21.6	<0.01	0.02	1.0

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 1- AUG- 2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ34914		<0.005	0.34	5.35	107	0.07	12.70	373	0.9
ZZ34915		0.008	2.00	8.12	562	0.21	32.8	1200	0.5
ZZ34916		<0.005	0.38	4.25	62	0.07	33.1	624	<0.5
ZZ34917		0.006	0.50	3.76	97	0.06	28.8	403	2.4
ZZ34918		0.005	0.45	3.91	118	0.06	22.3	380	1.1
ZZ34919		0.007	1.69	3.87	234	0.13	23.8	561	0.7
ZZ34920		0.014	0.42	2.53	76	0.09	21.8	338	0.9
ZZ34921		0.011	0.39	4.04	102	0.12	24.7	457	1.2
ZZ34922		<0.005	0.28	9.12	190	0.05	65.0	709	4.9
ZZ34923		<0.005	0.59	1.81	109	0.05	4.04	83	<0.5
ZZ34924		<0.005	0.42	3.64	50	0.05	14.55	390	0.5
ZZ34925		0.007	0.34	4.22	77	0.11	33.4	354	1.3
ZZ34926		0.011	0.88	3.68	125	0.09	8.34	191	<0.5
ZZ34927		<0.005	1.17	4.04	94	0.06	8.33	327	1.3
ZZ34928		0.005	0.84	7.47	174	0.16	15.65	254	<0.5
ZZ34929		<0.005	1.37	19.10	430	0.34	60.2	1100	3.6
ZZ34930		<0.005	0.26	8.82	106	0.20	45.5	521	2.7
ZZ34931		0.006	0.16	4.09	66	0.10	19.20	213	1.1
ZZ34932		<0.005	0.41	4.12	48	0.08	48.4	349	2.1
ZZ34933		<0.005	3.83	11.55	180	0.10	37.8	546	3.8
ZZ34934		<0.005	0.54	16.40	147	0.35	64.4	1020	2.6
ZZ34935		<0.005	0.20	1.91	55	0.10	5.36	194	0.8
ZZ34936		0.010	0.33	4.66	72	0.19	15.15	277	0.9
ZZ34937		0.005	0.37	19.60	116	0.10	139.5	930	1.8
ZZ34938		0.011	0.19	3.84	77	0.10	41.4	285	1.4
ZZ34939		0.005	0.11	3.99	98	0.08	41.5	251	5.4
ZZ34940		<0.005	0.16	4.52	55	0.07	32.8	316	1.1
ZZ34941		<0.005	0.14	3.49	49	0.05	31.8	313	1.9
ZZ34942		<0.005	0.17	3.07	40	0.05	27.7	284	0.6
ZZ34943		<0.005	0.65	5.89	65	0.07	51.2	1100	0.8
ZZ34944		<0.005	0.59	1.78	64	0.05	13.00	266	0.7
ZZ34945		<0.005	0.40	1.89	58	<0.05	23.7	476	1.4
ZZ34946		<0.005	1.08	18.75	686	0.52	88.3	1060	1.6
ZZ34947		0.009	0.19	2.20	82	0.13	27.6	207	1.8
ZZ34948		0.005	0.36	1.82	92	0.07	34.3	281	2.2
ZZ34949		<0.005	0.41	2.02	63	0.06	41.5	225	2.0
ZZ34950		<0.005	0.23	2.00	64	<0.05	19.00	244	1.8
ZZ34951		<0.005	0.28	2.21	69	<0.05	25.2	230	0.7
ZZ34952		<0.005	0.72	12.30	325	0.14	14.70	650	<0.5
ZZ34953		0.005	0.18	1.26	83	0.06	9.56	257	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ34954		0.49	0.001	0.32	0.78	5.9	<0.2	10	240	1.42	0.18	4.46	1.71	30.1	19.4	13
ZZ34955		0.45	0.003	0.25	0.93	5.5	<0.2	<10	170	1.04	0.25	2.43	0.30	23.2	16.4	15
ZZ34956		0.31	0.004	0.38	1.00	6.9	<0.2	<10	220	1.18	0.28	0.72	0.40	21.4	15.0	15
ZZ34957		0.39	0.002	0.08	0.56	15.6	<0.2	<10	100	1.20	0.29	2.13	0.08	13.00	12.8	9
ZZ34958		0.41	0.001	0.04	0.65	12.5	<0.2	<10	130	1.53	0.39	0.25	0.02	7.56	18.6	18
ZZ34959		0.41	0.004	0.33	1.25	19.1	<0.2	<10	630	1.35	0.34	0.21	3.35	25.6	18.0	23
ZZ34960		0.30	0.007	0.56	1.39	46.5	<0.2	<10	1070	1.08	0.25	0.34	1.82	27.4	15.6	27
ZZ34961		0.35	0.005	0.45	0.82	26.1	<0.2	<10	540	0.81	0.24	0.30	4.12	25.3	13.6	19
ZZ34962		0.43	0.004	0.32	1.38	22.9	<0.2	<10	390	1.24	0.31	0.28	0.86	26.2	14.9	26
ZZ34963		0.28	0.003	0.23	1.29	11.4	<0.2	<10	270	1.27	0.36	0.40	2.43	22.3	17.9	25
ZZ34964		0.32	0.005	0.75	1.07	24.3	<0.2	<10	480	0.93	0.19	0.48	6.76	26.4	11.6	23
ZZ34965		0.31	0.003	0.27	0.86	22.5	<0.2	<10	180	0.38	0.21	0.04	1.67	14.05	7.9	20
ZZ34966		0.33	0.007	0.69	1.18	42.5	<0.2	<10	790	0.97	0.24	0.49	5.62	23.6	12.4	24
ZZ34967		0.34	0.005	0.42	1.20	29.3	<0.2	<10	600	0.87	0.19	0.39	1.59	27.9	14.9	24
ZZ34968		0.25	0.004	0.51	0.73	18.7	<0.2	<10	1200	0.63	0.16	1.62	7.31	17.95	8.7	16
ZZ34969		0.33	0.006	0.40	1.05	15.0	<0.2	<10	1490	0.95	0.18	0.59	4.31	22.0	6.7	21
ZZ34970		0.39	0.007	0.69	0.94	26.1	<0.2	<10	1220	0.87	0.20	0.38	3.94	28.1	11.9	19
ZZ34971		0.47	0.004	0.45	1.42	21.8	<0.2	<10	690	1.13	0.19	0.37	1.43	77.3	24.8	19
ZZ34972		0.29	0.005	0.99	0.55	16.9	<0.2	10	650	0.91	0.19	0.46	8.06	63.3	23.0	10
ZZ34973		0.27	0.005	0.53	1.49	22.1	<0.2	<10	950	0.67	0.26	0.19	3.39	27.6	9.4	29
ZZ34974		0.35	0.008	0.69	0.83	21.9	<0.2	<10	420	0.79	0.18	0.24	1.98	31.1	13.1	14
ZZ34975		0.39	0.007	0.50	0.98	16.2	<0.2	<10	340	0.78	0.14	0.22	1.61	30.3	11.4	18
ZZ34976		0.44	0.008	0.70	0.79	16.5	<0.2	<10	2300	0.64	0.18	0.35	2.37	26.4	13.2	15
ZZ34977		0.41	0.006	0.95	0.80	21.2	<0.2	<10	1020	0.77	0.16	0.53	3.67	26.1	9.1	21
ZZ34978		0.34	0.004	1.03	0.89	24.8	<0.2	<10	420	0.81	0.21	0.21	1.95	21.1	7.7	26
ZZ34979		0.36	0.008	1.44	1.56	19.2	<0.2	<10	980	1.58	0.21	0.54	2.09	33.2	11.5	30
ZZ34980		0.28	0.007	1.27	0.94	16.0	<0.2	<10	800	1.84	0.16	0.53	2.16	28.8	6.5	23
ZZ34981		0.35	0.005	1.21	0.88	23.5	<0.2	<10	670	0.73	0.20	0.24	1.66	19.50	6.9	29
ZZ34982		0.39	0.007	1.57	0.90	20.9	<0.2	<10	750	1.11	0.21	0.31	2.73	24.2	9.6	26
ZZ34983		0.32	0.006	1.36	0.93	16.2	<0.2	<10	650	1.57	0.20	0.36	3.17	25.3	13.2	22
ZZ34984		0.30	0.013	8.27	1.10	33.6	<0.2	10	1580	1.06	0.18	0.84	7.87	24.0	9.4	84
ZZ34985		0.42	0.004	0.94	0.72	21.1	<0.2	<10	390	0.72	0.23	0.11	0.64	15.70	8.4	25
ZZ34986		0.38	0.006	1.02	1.11	17.6	<0.2	<10	420	1.11	0.20	0.38	2.52	34.5	9.9	25
ZZ34987		0.32	0.003	0.93	0.86	18.3	<0.2	<10	150	0.28	0.24	0.01	0.31	9.84	5.1	27
ZZ34988		0.32	0.011	2.07	0.41	10.6	<0.2	10	1750	0.69	0.22	0.79	0.64	5.36	6.5	47
ZZ34989		0.37	0.008	1.83	0.54	22.0	<0.2	<10	1500	0.62	0.18	0.24	2.07	5.67	6.6	31
ZZ34990		0.37	0.005	1.19	0.64	20.5	<0.2	<10	1610	0.65	0.16	0.26	1.01	9.98	5.5	30
ZZ34991		0.32	0.010	5.58	0.62	26.2	<0.2	10	1360	0.81	0.18	0.73	5.06	9.20	5.5	61
ZZ34992		0.30	0.006	0.94	1.19	24.9	<0.2	<10	310	0.78	0.22	0.22	1.31	23.7	14.3	41
ZZ34993		0.25	0.002	0.81	1.04	14.3	<0.2	<10	110	0.17	0.35	0.04	0.22	22.3	4.4	23

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Project: Nadaleen

Finalized Date: 1-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ34954		1.97	24.7	3.44	2.18	0.07	0.16	0.05	0.046	0.30	11.5	6.8	1.01	449	7.48	0.02
ZZ34955		3.24	25.1	2.88	2.74	0.07	0.15	0.04	0.038	0.28	7.7	13.0	0.75	576	1.75	0.02
ZZ34956		3.33	27.8	2.71	2.90	0.06	0.05	0.05	0.036	0.27	7.5	10.9	0.28	447	2.54	0.02
ZZ34957		2.21	24.0	2.28	1.95	<0.05	0.04	0.04	0.034	0.17	3.9	5.2	0.60	752	0.54	0.02
ZZ34958		2.57	35.2	3.08	2.36	0.05	0.06	0.03	0.027	0.13	2.9	8.7	0.18	1270	2.00	0.02
ZZ34959		1.59	65.4	3.32	4.65	0.06	0.02	0.08	0.037	0.12	11.8	16.3	0.29	633	7.22	0.02
ZZ34960		2.21	82.5	3.61	4.64	0.07	0.03	0.23	0.040	0.14	13.9	17.7	0.48	370	8.06	0.02
ZZ34961		1.23	78.2	2.69	3.14	0.07	0.02	0.13	0.037	0.10	12.4	7.9	0.21	365	8.62	0.01
ZZ34962		1.81	54.1	3.32	5.60	0.06	0.03	0.16	0.037	0.10	11.7	23.0	0.40	646	4.33	0.01
ZZ34963		1.73	43.6	2.22	5.41	0.05	0.11	0.16	0.038	0.11	9.4	23.5	0.38	148	3.04	0.01
ZZ34964		1.38	63.3	2.20	3.58	0.07	0.06	0.20	0.036	0.11	13.5	20.9	0.27	66	13.65	0.01
ZZ34965		1.55	37.5	2.54	4.21	<0.05	<0.02	0.05	0.030	0.10	6.0	5.2	0.13	511	14.15	0.01
ZZ34966		1.56	76.4	2.97	4.07	0.06	0.03	0.34	0.037	0.11	11.7	15.7	0.34	467	29.6	0.01
ZZ34967		1.14	66.0	3.15	4.01	0.06	<0.02	0.12	0.034	0.11	13.0	13.5	0.40	434	5.68	0.01
ZZ34968		0.63	41.8	2.30	2.68	<0.05	0.03	0.08	0.028	0.10	9.4	5.6	0.14	679	5.89	<0.01
ZZ34969		1.09	45.0	2.63	3.23	0.06	0.08	0.19	0.039	0.11	11.8	8.5	0.17	193	6.60	<0.01
ZZ34970		1.08	70.0	2.69	3.15	0.07	0.02	0.18	0.031	0.11	13.7	9.7	0.22	431	6.85	0.01
ZZ34971		1.48	68.5	4.39	6.28	0.13	0.02	0.12	0.055	0.18	35.1	20.6	0.53	669	4.95	0.01
ZZ34972		1.38	108.5	5.68	2.07	0.16	0.04	0.20	0.068	0.22	30.8	3.1	0.12	447	24.6	0.01
ZZ34973		1.22	34.9	2.92	4.86	0.05	0.02	0.07	0.035	0.11	12.6	11.8	0.34	365	11.65	0.01
ZZ34974		0.77	75.4	3.05	2.25	0.07	0.02	0.11	0.035	0.12	13.4	5.6	0.11	491	6.57	<0.01
ZZ34975		1.20	44.5	2.32	2.44	0.07	0.03	0.08	0.028	0.10	13.6	8.5	0.16	503	5.03	0.02
ZZ34976		1.16	70.4	2.68	2.59	0.06	<0.02	0.18	0.032	0.12	12.5	7.0	0.18	481	6.58	<0.01
ZZ34977		1.13	69.7	2.49	2.88	0.07	<0.02	0.13	0.033	0.11	12.7	8.8	0.23	284	7.33	0.01
ZZ34978		1.72	49.9	3.18	3.09	0.07	0.02	0.09	0.038	0.15	10.2	5.3	0.11	202	11.20	0.01
ZZ34979		1.25	130.5	2.91	3.51	0.08	0.04	0.23	0.037	0.12	15.2	14.0	0.32	246	8.90	0.01
ZZ34980		1.19	112.0	3.69	2.59	0.12	0.04	0.17	0.037	0.12	12.6	7.4	0.20	104	9.93	0.01
ZZ34981		2.02	53.5	2.92	3.61	0.06	<0.02	0.09	0.037	0.15	10.4	6.0	0.13	282	13.80	0.01
ZZ34982		1.21	85.6	3.17	2.70	0.07	0.02	0.14	0.046	0.14	13.9	6.1	0.11	222	13.80	0.01
ZZ34983		0.82	95.5	2.60	2.45	0.07	0.02	0.08	0.037	0.11	12.6	6.9	0.13	281	8.36	0.01
ZZ34984		0.81	106.0	3.07	3.08	0.14	0.05	0.48	0.041	0.15	21.2	7.7	0.11	124	22.1	<0.01
ZZ34985		0.71	56.9	3.58	2.81	0.05	0.02	0.07	0.052	0.16	6.7	2.9	0.07	213	13.15	0.01
ZZ34986		0.93	71.8	3.19	3.25	0.08	0.02	0.16	0.037	0.10	20.8	7.1	0.15	354	14.65	0.01
ZZ34987		0.91	52.2	3.59	4.75	<0.05	<0.02	0.09	0.034	0.09	4.3	2.3	0.06	109	11.45	<0.01
ZZ34988		1.09	109.0	3.05	1.42	0.08	0.09	0.42	0.037	0.09	5.1	1.2	0.06	95	6.97	<0.01
ZZ34989		0.72	113.0	2.21	1.55	0.06	0.02	0.20	0.031	0.08	3.7	2.6	0.04	128	9.97	<0.01
ZZ34990		0.71	58.5	2.46	1.87	0.06	0.03	0.05	0.034	0.08	5.2	4.0	0.06	92	6.76	<0.01
ZZ34991		0.46	105.0	2.56	2.24	0.09	0.05	0.31	0.034	0.11	8.5	3.2	0.06	98	21.0	<0.01
ZZ34992		1.26	53.7	3.46	3.71	0.06	0.02	0.11	0.045	0.10	11.7	7.8	0.19	354	10.25	0.01
ZZ34993		1.34	17.8	3.53	8.35	<0.05	<0.02	0.05	0.028	0.07	11.6	4.4	0.14	190	3.09	<0.01

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ34954		0.11	53.6	770	14.6	14.9	0.003	0.05	1.55	7.3	1.9	0.6	115.5	<0.01	0.01	7.3
ZZ34955		0.05	32.1	560	24.0	17.0	0.001	0.15	0.59	5.0	1.4	0.5	55.3	<0.01	0.15	6.2
ZZ34956		0.08	33.3	590	21.7	17.5	<0.001	0.08	0.65	5.2	1.6	0.5	29.4	<0.01	0.10	5.4
ZZ34957		0.06	23.3	400	16.5	9.9	<0.001	0.02	0.32	4.7	0.6	0.4	33.1	<0.01	0.01	4.3
ZZ34958		0.43	24.1	270	24.0	11.5	<0.001	0.02	0.45	5.1	0.8	0.7	31.3	<0.01	0.04	3.5
ZZ34959		0.25	57.1	1000	22.8	11.8	0.002	0.03	3.19	5.3	2.5	0.8	25.6	<0.01	0.06	4.3
ZZ34960		0.34	72.8	1100	17.5	12.1	0.001	0.06	3.53	6.5	2.5	0.6	45.6	<0.01	0.08	4.4
ZZ34961		0.21	68.5	1170	19.0	9.5	0.002	0.02	4.25	5.3	2.4	0.5	30.7	<0.01	0.09	3.6
ZZ34962		0.30	42.6	660	25.4	12.2	0.001	0.01	1.75	6.1	1.8	0.7	23.3	<0.01	0.05	4.3
ZZ34963		0.40	49.7	570	22.9	12.7	0.005	0.16	1.04	6.4	3.1	0.8	27.1	<0.01	0.05	4.9
ZZ34964		0.31	68.3	1060	16.0	11.3	0.018	0.22	4.87	5.9	5.4	0.6	27.1	<0.01	0.08	3.2
ZZ34965		0.14	32.9	1300	14.6	13.5	0.001	0.10	5.55	0.4	3.1	0.6	18.2	<0.01	0.06	0.2
ZZ34966		0.27	119.0	1110	16.2	10.5	0.005	0.03	4.45	5.3	3.3	0.6	42.6	<0.01	0.08	2.1
ZZ34967		0.39	59.7	990	14.9	8.3	0.003	0.07	2.49	5.2	2.0	0.5	34.9	<0.01	0.09	3.1
ZZ34968		0.28	44.7	1750	12.5	9.2	<0.001	0.11	2.79	1.5	2.5	0.4	40.0	<0.01	0.09	0.5
ZZ34969		0.21	74.4	1530	11.7	12.5	0.002	0.05	3.15	4.5	2.6	0.6	37.1	<0.01	0.07	2.4
ZZ34970		0.25	64.3	1420	16.8	8.9	0.001	0.04	3.45	5.1	2.8	0.5	35.3	<0.01	0.08	2.8
ZZ34971		0.21	54.0	1810	27.8	9.8	0.001	0.05	2.44	9.1	2.5	0.7	33.3	<0.01	0.05	6.1
ZZ34972		0.16	182.5	2500	32.1	8.1	0.005	0.02	3.82	14.9	3.9	0.4	29.4	<0.01	0.06	6.7
ZZ34973		0.38	43.6	1260	17.3	12.6	0.001	0.08	4.53	2.1	2.6	0.6	31.3	<0.01	0.08	0.7
ZZ34974		0.18	62.4	1830	15.8	8.5	0.002	0.02	3.77	3.5	3.6	0.4	31.2	<0.01	0.09	3.8
ZZ34975		0.30	59.7	1380	10.8	10.0	0.001	0.04	2.68	3.7	2.8	0.3	28.2	<0.01	0.07	3.9
ZZ34976		0.27	73.3	1510	15.1	8.5	0.002	0.03	3.80	4.0	3.0	0.4	48.9	<0.01	0.07	3.1
ZZ34977		0.31	103.0	1650	14.4	8.8	0.004	0.06	3.41	3.5	3.0	0.4	59.4	<0.01	0.10	1.6
ZZ34978		0.20	60.4	2040	15.7	11.9	0.001	0.18	4.17	1.6	4.9	0.5	53.0	<0.01	0.07	0.6
ZZ34979		0.61	124.5	1830	13.6	9.5	0.004	0.07	3.40	5.8	4.5	0.5	77.7	<0.01	0.12	3.3
ZZ34980		0.34	92.0	1870	11.1	8.7	0.008	0.11	4.00	5.2	5.6	0.4	92.3	<0.01	0.09	3.0
ZZ34981		0.16	69.4	1590	14.1	13.1	0.002	0.19	4.18	1.0	5.0	0.6	54.1	<0.01	0.10	0.3
ZZ34982		0.18	82.8	1600	15.3	10.9	0.004	0.16	4.64	4.1	5.2	0.5	56.8	<0.01	0.11	1.6
ZZ34983		0.18	83.0	1570	13.1	8.5	0.002	0.07	3.01	3.3	4.4	0.4	47.4	<0.01	0.08	1.3
ZZ34984		0.14	165.5	3880	11.3	9.5	0.007	0.22	4.24	6.5	12.4	0.6	145.5	<0.01	0.14	1.1
ZZ34985		0.20	64.7	1680	15.6	12.8	0.002	0.30	3.59	2.7	4.8	0.6	68.1	<0.01	0.16	0.8
ZZ34986		0.27	85.4	1250	14.5	10.3	0.001	0.06	4.21	4.6	3.5	0.5	30.2	<0.01	0.10	1.9
ZZ34987		0.30	58.8	980	12.0	11.5	0.001	0.08	2.66	1.6	4.0	0.8	34.1	<0.01	0.11	0.2
ZZ34988		<0.05	103.5	2030	10.3	7.2	0.002	0.13	1.35	10.5	7.8	0.5	188.0	<0.01	0.12	2.1
ZZ34989		0.06	123.0	1040	10.4	5.6	0.002	0.02	2.08	5.2	12.0	0.6	53.9	<0.01	0.12	0.9
ZZ34990		0.12	72.8	1860	8.9	6.2	0.002	0.04	1.84	3.8	6.5	0.5	73.5	<0.01	0.11	0.8
ZZ34991		0.09	131.5	2110	10.0	6.7	0.009	0.21	3.12	5.1	15.2	0.6	112.0	<0.01	0.14	0.9
ZZ34992		0.29	106.5	2450	14.1	12.5	0.001	0.09	2.55	2.2	4.8	0.6	56.7	<0.01	0.13	0.5
ZZ34993		1.60	14.5	480	17.4	12.8	<0.001	0.03	1.13	1.7	1.4	1.0	14.1	<0.01	0.08	1.0

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ34954	<0.005	0.34	2.32	41	<0.05	10.65	398	9.9
ZZ34955	<0.005	0.16	0.81	17	<0.05	9.73	128	6.9
ZZ34956	<0.005	0.16	0.72	22	<0.05	9.16	139	3.0
ZZ34957	<0.005	0.12	0.42	13	<0.05	8.09	76	2.0
ZZ34958	0.012	0.10	0.78	18	0.28	10.95	62	1.8
ZZ34959	0.006	0.45	2.09	98	0.07	19.30	336	0.8
ZZ34960	0.017	0.53	1.96	104	0.11	18.05	395	1.6
ZZ34961	0.008	0.50	3.00	107	0.10	23.5	463	<0.5
ZZ34962	0.010	0.26	1.71	69	0.09	18.60	215	0.7
ZZ34963	0.008	0.22	2.17	52	0.07	13.35	202	4.2
ZZ34964	0.007	0.55	3.65	167	0.09	20.4	438	1.8
ZZ34965	0.006	0.86	1.62	170	0.15	3.73	255	<0.5
ZZ34966	0.010	0.41	4.34	101	0.16	18.25	844	0.9
ZZ34967	0.017	0.36	1.93	81	0.13	14.20	305	0.5
ZZ34968	0.007	0.33	1.66	81	0.28	16.85	321	0.8
ZZ34969	<0.005	0.43	2.94	148	0.09	25.7	692	2.3
ZZ34970	0.009	0.42	2.36	98	0.12	24.6	372	0.6
ZZ34971	0.007	0.33	1.38	74	<0.05	22.1	275	0.8
ZZ34972	<0.005	0.32	4.53	48	<0.05	31.6	757	2.8
ZZ34973	0.017	0.65	2.90	161	0.25	12.85	350	0.5
ZZ34974	0.005	0.43	2.98	76	0.07	21.1	382	0.7
ZZ34975	0.011	0.38	2.32	70	0.16	16.45	296	0.9
ZZ34976	0.014	0.53	2.11	68	0.11	18.80	350	<0.5
ZZ34977	0.016	0.51	2.57	80	0.12	24.1	541	<0.5
ZZ34978	0.007	0.56	3.14	124	0.12	15.95	353	<0.5
ZZ34979	0.023	0.45	4.04	81	0.15	36.5	537	1.2
ZZ34980	0.016	0.40	8.89	70	0.29	57.1	539	1.1
ZZ34981	0.007	0.64	2.66	142	0.18	15.25	342	<0.5
ZZ34982	0.005	0.53	3.60	139	0.11	27.9	402	0.6
ZZ34983	0.007	0.34	3.86	90	0.12	19.90	434	<0.5
ZZ34984	<0.005	0.39	11.80	141	0.26	70.1	781	1.5
ZZ34985	0.006	0.32	2.00	129	0.11	9.32	322	0.5
ZZ34986	0.008	0.49	2.82	172	0.14	33.0	346	0.7
ZZ34987	0.007	0.31	1.47	170	0.13	6.64	258	<0.5
ZZ34988	<0.005	0.13	1.54	82	0.05	52.6	235	8.0
ZZ34989	<0.005	0.15	3.58	60	0.05	29.0	357	<0.5
ZZ34990	0.005	0.19	3.20	65	0.10	22.4	262	0.7
ZZ34991	<0.005	0.30	9.54	104	0.16	40.3	492	1.7
ZZ34992	0.010	0.39	4.25	104	0.18	15.05	409	0.7
ZZ34993	0.053	0.19	0.63	80	0.29	2.38	62	<0.5

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ34994		0.32	0.007	4.22	0.78	45.8	<0.2	10	120	0.92	0.33	0.12	2.49	20.9	3.4	33
ZZ34995		0.31	0.011	11.05	0.95	30.0	<0.2	10	1100	0.98	0.20	1.46	9.67	15.40	6.8	95
ZZ34996		0.34	0.003	0.50	0.88	16.4	<0.2	<10	150	0.21	0.29	0.04	0.20	21.4	3.1	18
ZZ34997		0.29	0.003	0.48	1.10	16.2	<0.2	<10	150	0.23	0.35	0.04	0.24	21.6	4.0	17
ZZ34998		0.30	0.002	0.89	1.02	33.9	<0.2	<10	380	0.33	0.31	0.06	0.53	15.15	5.0	27
ZZ35191		0.28	0.006	0.42	1.04	19.3	<0.2	<10	550	0.91	0.21	0.03	1.62	17.50	77.9	17
ZZ35192		0.33	0.007	1.06	0.81	20.9	<0.2	<10	580	0.92	0.26	0.11	1.09	22.2	25.1	14
ZZ35193		0.37	0.014	1.13	0.52	11.2	<0.2	<10	1520	0.55	0.24	0.48	1.42	30.6	8.3	7
ZZ35194		0.36	0.004	0.50	1.53	16.0	<0.2	<10	250	0.57	0.24	0.15	1.07	22.9	8.7	29
ZZ35195		0.45	0.006	0.71	1.39	25.7	<0.2	<10	400	0.77	0.24	0.21	1.23	23.8	11.4	28
ZZ35196		0.36	0.007	0.62	1.29	24.1	<0.2	<10	290	0.77	0.22	0.16	1.15	21.1	11.6	26
ZZ35197		0.38	0.006	0.60	1.16	21.6	<0.2	<10	480	0.96	0.20	0.18	2.56	24.4	16.8	21
ZZ35198		0.39	0.005	0.48	1.21	27.4	<0.2	<10	450	0.80	0.23	0.17	1.89	19.90	9.5	22
ZZ35199		0.43	0.007	0.67	1.04	21.6	<0.2	<10	880	0.67	0.24	0.38	2.73	27.9	8.7	22
ZZ35200		0.37	0.006	0.26	1.53	55.8	<0.2	<10	270	0.88	0.27	0.14	1.69	30.1	19.5	26
ZZ35201		0.43	0.005	0.49	1.05	24.2	<0.2	<10	960	0.75	0.21	0.34	4.17	28.7	13.7	20
ZZ35202		0.43	0.006	0.60	1.47	28.4	<0.2	<10	410	0.93	0.23	0.20	2.29	26.7	15.5	25
ZZ35203		0.37	0.005	0.35	1.23	22.1	<0.2	<10	280	0.60	0.21	0.16	0.71	19.15	11.6	21
ZZ35204		0.29	0.002	0.10	1.19	13.6	<0.2	<10	80	0.19	0.35	0.03	0.27	22.3	4.1	18
ZZ35205		0.31	0.002	0.19	1.22	17.5	<0.2	<10	110	0.26	0.34	0.04	0.48	20.5	7.0	30
ZZ35206		0.37	0.004	0.27	1.45	33.9	<0.2	<10	740	0.84	0.28	0.21	1.39	26.0	13.8	26

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ34994		0.50	77.9	4.31	4.10	0.08	0.04	0.19	0.054	0.44	13.4	4.0	0.06	84	44.0	0.03
ZZ34995		0.49	130.5	3.24	3.22	0.12	0.06	0.51	0.046	0.11	15.1	7.4	0.13	175	21.8	0.01
ZZ34996		1.54	18.8	2.94	6.88	<0.05	<0.02	0.05	0.023	0.08	10.9	3.6	0.09	114	5.59	0.01
ZZ34997		1.30	16.3	2.69	6.90	<0.05	<0.02	0.04	0.024	0.06	11.3	4.4	0.11	147	3.94	0.02
ZZ34998		1.27	31.8	4.10	5.76	0.05	<0.02	0.07	0.036	0.14	8.6	3.6	0.11	149	11.00	0.03
ZZ35191		1.02	33.5	17.70	3.64	0.10	<0.02	0.12	0.030	0.12	7.9	2.9	0.06	3100	26.8	0.02
ZZ35192		1.09	52.9	5.19	2.77	0.07	0.02	0.12	0.048	0.20	9.4	5.4	0.11	934	9.39	0.03
ZZ35193		1.05	84.1	2.43	1.61	0.08	0.03	0.31	0.043	0.14	12.1	3.2	0.08	162	5.72	0.01
ZZ35194		1.24	26.5	2.62	4.98	<0.05	0.02	0.07	0.029	0.07	11.3	11.7	0.30	296	5.51	0.02
ZZ35195		1.47	47.7	3.13	4.10	0.06	0.04	0.11	0.038	0.12	11.9	12.0	0.30	289	8.92	0.02
ZZ35196		1.39	55.0	3.18	3.59	0.06	0.04	0.08	0.039	0.13	9.9	11.3	0.21	268	11.65	0.02
ZZ35197		1.27	55.3	2.95	2.87	0.06	0.03	0.08	0.042	0.11	11.1	10.0	0.19	347	11.65	0.02
ZZ35198		1.02	50.3	2.94	3.48	0.05	0.03	0.09	0.038	0.11	9.4	8.9	0.18	230	11.30	0.02
ZZ35199		1.16	45.9	2.61	3.46	0.07	0.03	0.12	0.030	0.10	14.8	13.4	0.34	266	5.41	0.02
ZZ35200		1.87	49.8	3.44	4.77	0.06	0.03	0.11	0.040	0.09	12.8	18.1	0.40	797	5.77	0.02
ZZ35201		1.34	55.9	2.96	3.47	0.07	0.02	0.08	0.032	0.11	13.9	10.6	0.25	503	7.98	0.02
ZZ35202		2.23	57.1	3.45	3.85	0.06	0.05	0.10	0.045	0.13	12.8	12.9	0.34	419	8.44	0.02
ZZ35203		2.01	46.4	3.14	3.82	<0.05	0.03	0.07	0.035	0.10	8.9	9.5	0.22	354	7.22	0.02
ZZ35204		1.77	13.5	2.51	8.33	0.05	<0.02	0.03	0.020	0.05	11.4	4.3	0.14	147	3.50	0.02
ZZ35205		2.00	23.3	3.40	7.64	<0.05	<0.02	0.04	0.032	0.08	9.6	6.2	0.17	311	5.67	0.02
ZZ35206		1.82	45.2	3.55	4.81	<0.05	0.04	0.07	0.041	0.09	11.9	25.8	0.47	481	6.23	0.02

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CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ34994		0.19	46.4	1720	22.9	21.7	0.002	0.98	4.79	3.4	15.1	0.8	103.0	<0.01	0.33	1.6
ZZ34995		0.21	300	3510	10.7	9.7	0.007	0.17	3.95	4.2	12.8	0.7	111.5	<0.01	0.17	0.9
ZZ34996		1.21	15.0	500	12.5	10.5	<0.001	0.09	1.82	1.6	1.8	1.0	17.6	<0.01	0.09	1.9
ZZ34997		1.10	13.1	1200	12.0	10.2	<0.001	0.06	1.16	1.4	1.4	0.8	13.3	<0.01	0.08	0.8
ZZ34998		0.13	27.5	3340	16.9	13.2	0.001	0.31	2.39	0.3	4.0	0.7	52.5	<0.01	0.13	<0.2
ZZ35191		0.47	159.0	3190	10.6	9.1	<0.001	0.26	3.51	2.3	4.2	0.5	35.4	0.01	0.08	0.7
ZZ35192		0.23	95.2	2170	18.4	10.4	0.001	0.34	4.66	2.0	4.1	0.5	74.8	<0.01	0.11	1.0
ZZ35193		0.13	67.3	1660	14.1	8.3	0.004	0.05	3.68	4.0	3.1	0.4	65.3	<0.01	0.10	3.2
ZZ35194		0.38	34.8	1590	12.4	12.0	<0.001	0.07	1.63	1.3	2.6	0.5	22.3	<0.01	0.07	0.5
ZZ35195		0.51	62.4	1630	15.9	11.7	0.001	0.19	3.72	3.6	4.1	0.5	55.5	<0.01	0.11	2.9
ZZ35196		0.41	75.9	1730	14.9	11.5	0.003	0.17	4.20	3.2	4.5	0.5	51.7	<0.01	0.10	2.5
ZZ35197		0.32	102.5	1440	13.7	9.3	0.002	0.11	4.13	3.1	3.7	0.4	38.9	<0.01	0.09	1.7
ZZ35198		0.37	58.8	1490	15.5	9.8	0.003	0.10	3.90	2.3	3.2	0.5	33.4	<0.01	0.10	1.3
ZZ35199		0.42	47.9	1320	12.4	8.7	0.002	0.06	2.74	3.5	2.5	0.4	37.7	<0.01	0.07	1.7
ZZ35200		0.51	52.9	1210	22.0	11.3	<0.001	0.06	2.34	3.5	2.1	0.6	21.5	<0.01	0.07	1.7
ZZ35201		0.26	63.6	1660	15.3	10.3	0.001	0.05	3.79	4.1	2.9	0.5	32.3	<0.01	0.10	2.1
ZZ35202		0.33	68.1	1480	16.8	12.6	0.001	0.12	3.80	4.4	3.8	0.5	36.7	<0.01	0.09	3.2
ZZ35203		0.38	49.4	1550	14.9	11.3	<0.001	0.09	3.42	2.6	2.8	0.5	28.2	<0.01	0.08	1.7
ZZ35204		1.14	13.5	430	12.8	8.7	<0.001	0.04	1.18	1.4	0.8	1.0	7.4	<0.01	0.06	0.5
ZZ35205		0.77	28.0	670	14.5	12.1	<0.001	0.06	1.93	1.4	1.5	0.9	8.0	<0.01	0.08	0.3
ZZ35206		0.38	47.3	810	16.1	13.0	0.001	0.08	2.46	3.5	1.8	0.6	31.7	<0.01	0.07	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ34994		0.005	3.45	4.02	202	0.07	13.10	213	1.0
ZZ34995		0.006	0.51	17.15	174	0.24	54.0	1850	2.0
ZZ34996		0.035	0.39	0.70	96	0.32	2.59	86	<0.5
ZZ34997		0.042	0.20	0.92	79	0.30	2.67	68	<0.5
ZZ34998		0.005	0.82	2.49	115	0.15	4.38	159	<0.5
ZZ35191		0.019	0.42	2.99	68	0.14	11.85	1100	<0.5
ZZ35192		0.010	0.58	2.64	70	0.10	14.25	543	<0.5
ZZ35193		<0.005	0.38	3.00	48	0.06	28.6	378	0.8
ZZ35194		0.015	0.32	2.25	75	0.22	9.05	181	<0.5
ZZ35195		0.016	0.56	2.32	105	0.20	11.30	294	1.3
ZZ35196		0.011	0.60	2.61	110	0.15	11.15	367	1.2
ZZ35197		0.010	0.46	2.83	108	0.11	15.65	545	0.7
ZZ35198		0.009	0.48	3.22	125	0.15	13.20	327	0.8
ZZ35199		0.020	0.34	2.31	83	0.13	19.85	267	0.7
ZZ35200		0.018	0.41	1.67	81	0.20	11.05	249	0.6
ZZ35201		0.009	0.46	2.67	116	0.10	22.6	364	0.7
ZZ35202		0.009	0.62	2.43	110	0.11	13.95	385	1.2
ZZ35203		0.012	0.48	1.84	96	0.15	8.06	293	0.8
ZZ35204		0.048	0.28	0.61	99	0.27	2.31	67	<0.5
ZZ35205		0.039	0.47	1.17	128	0.24	3.30	195	<0.5
ZZ35206		0.013	0.39	1.65	107	0.13	12.20	298	1.0

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130964

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)

Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- AUG- 2013
Account: RCM

CERTIFICATE WH13131714

Project: Nadaleen

P.O. No.: SO13- 09

This report is for 228 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22- JUL- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78091	0.28	0.002	0.04	2.21	18.8	<0.2	<10	350	1.29	0.30	0.05	0.10	37.7	21.2	30
ZZ78092	0.34	0.002	0.03	1.84	15.4	<0.2	<10	120	0.52	0.32	0.04	0.16	28.6	10.6	28
ZZ78093	0.32	<0.001	0.04	1.02	4.1	<0.2	<10	240	0.88	0.41	0.01	0.07	4.65	14.8	26
ZZ78094	0.33	<0.001	0.03	2.35	4.7	<0.2	<10	240	1.55	0.43	0.03	0.13	13.65	19.7	32
ZZ78095	0.29	0.001	0.11	1.92	15.1	<0.2	<10	180	1.51	0.33	0.05	0.25	18.80	12.8	26
ZZ78096	0.33	<0.001	0.07	2.27	11.2	<0.2	<10	180	1.37	0.46	0.05	0.19	18.15	16.0	32
ZZ78097	0.40	<0.001	0.11	2.14	17.1	<0.2	<10	430	1.80	0.55	0.32	0.05	13.85	17.1	34
ZZ78098	0.36	0.009	2.71	0.87	22.7	<0.2	<10	2360	0.76	0.22	1.60	3.06	12.70	7.6	30
ZZ78099	0.12	0.003	0.78	0.87	13.0	<0.2	<10	2060	0.58	0.12	3.36	3.73	9.14	9.1	20
ZZ78100	0.11	0.003	0.08	0.65	4.8	<0.2	<10	1720	0.23	0.11	3.45	4.71	6.54	3.6	10
ZZ78101	0.17	0.003	0.35	1.00	16.1	<0.2	<10	1970	0.76	0.17	3.77	7.73	11.75	8.8	27
ZZ78102	0.19	0.002	0.30	1.22	12.5	<0.2	<10	2670	0.73	0.19	2.60	2.59	17.30	9.8	26
ZZ78103	0.27	0.001	0.42	1.74	40.3	<0.2	<10	880	1.09	0.23	5.62	7.43	18.55	18.6	31
ZZ78104	0.23	0.001	0.51	1.47	20.0	<0.2	<10	1220	0.89	0.24	3.17	3.02	19.70	11.9	39
ZZ78105	0.08	0.001	0.19	1.80	15.5	<0.2	<10	1330	0.93	0.19	1.79	2.51	18.05	12.2	37
ZZ78106	0.10	0.006	0.64	0.74	12.7	<0.2	<10	1870	0.50	0.15	4.10	1.43	10.00	8.4	27
ZZ78107	0.13	0.007	0.50	0.78	13.0	<0.2	<10	2100	0.56	0.15	3.86	2.69	12.70	14.3	19
ZZ78108	0.15	0.004	0.68	1.15	20.2	<0.2	<10	1450	0.79	0.20	1.83	1.97	17.95	15.7	24
ZZ78109	0.07	0.004	0.20	0.60	5.7	<0.2	<10	370	0.30	0.11	3.85	3.53	7.92	5.3	10
ZZ78110	0.24	0.001	1.56	0.38	29.2	<0.2	<10	300	0.27	0.32	1.22	0.86	7.95	5.4	15
ZZ78111	0.17	0.001	0.28	1.52	15.8	<0.2	<10	1300	0.92	0.21	1.04	0.70	20.3	11.7	29
ZZ78112	0.13	0.003	0.43	1.28	17.3	<0.2	<10	430	0.81	0.21	1.12	0.65	18.95	11.5	21
ZZ78113	0.11	0.002	0.60	1.15	11.4	<0.2	<10	490	0.85	0.21	1.43	0.73	15.60	7.9	17
ZZ78114	0.25	0.007	0.18	1.10	8.4	<0.2	<10	80	0.44	0.23	0.02	0.18	12.90	8.8	15
ZZ78115	0.20	0.001	0.37	1.14	22.4	<0.2	<10	200	0.92	0.22	0.17	3.00	18.30	16.5	22
ZZ78116	0.27	0.001	0.14	0.58	12.1	<0.2	<10	70	0.43	0.23	0.01	0.36	8.23	13.2	11
ZZ78117	0.20	0.002	0.56	1.66	18.3	<0.2	<10	470	1.01	0.24	0.40	0.81	20.0	11.2	25
ZZ78118	0.26	0.002	0.41	0.96	18.2	<0.2	<10	240	0.92	0.18	0.96	0.81	48.0	16.0	16
ZZ78119	0.07	0.006	0.36	0.47	3.7	<0.2	<10	290	0.48	0.11	1.93	0.69	5.59	4.9	5
ZZ78120	0.22	0.002	0.59	0.67	11.3	<0.2	<10	200	0.78	0.23	0.60	1.01	13.35	10.2	11
ZZ78121	0.23	0.002	0.61	0.86	10.2	<0.2	<10	400	0.79	0.21	0.85	0.84	10.70	9.1	13
ZZ78122	0.22	0.004	0.84	0.62	16.7	<0.2	<10	1360	0.59	0.17	0.82	1.98	12.20	6.1	14
ZZ78123	0.18	0.003	0.28	1.30	14.8	<0.2	<10	480	0.73	0.21	0.50	1.07	30.8	13.7	27
ZZ78124	0.10	0.006	0.23	0.63	3.2	<0.2	<10	310	0.27	0.09	3.76	3.71	9.52	3.8	12
ZZ78125	0.15	0.001	0.14	1.46	8.4	<0.2	<10	290	0.61	0.22	1.88	7.39	18.45	8.5	26
ZZ78126	0.10	<0.001	0.09	0.59	4.3	<0.2	<10	410	0.19	0.11	1.63	10.80	8.01	4.0	12
ZZ78127	0.09	0.002	0.21	1.05	8.2	<0.2	<10	630	0.54	0.14	3.17	4.98	11.85	11.4	17
ZZ78128	0.13	0.003	0.51	1.38	25.6	<0.2	<10	1190	0.86	0.22	2.64	6.23	18.00	29.9	32
ZZ78129	0.13	0.003	0.42	0.81	11.8	<0.2	<10	880	0.60	0.28	4.39	8.32	15.15	12.2	24
ZZ78130	0.13	0.006	0.60	0.47	8.3	<0.2	10	1140	0.37	0.09	6.03	7.52	6.61	6.6	9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ78091		1.72	49.0	4.35	5.98	0.06	0.05	0.24	0.035	0.09	16.9	48.3	0.82	629	0.97	<0.01
ZZ78092		1.75	18.5	3.72	6.81	<0.05	<0.02	0.04	0.030	0.08	14.0	28.7	0.46	429	1.53	<0.01
ZZ78093		3.91	12.2	3.83	3.49	<0.05	<0.02	0.04	0.031	0.09	1.8	8.7	0.22	1130	0.70	<0.01
ZZ78094		3.18	29.3	4.21	8.13	<0.05	0.03	0.02	0.045	0.09	5.5	36.1	0.53	1290	0.61	<0.01
ZZ78095		1.85	29.1	3.87	7.10	<0.05	0.02	0.03	0.050	0.09	8.8	31.5	0.47	688	1.59	<0.01
ZZ78096		2.12	23.1	3.96	8.79	<0.05	0.03	0.03	0.042	0.09	8.4	30.8	0.41	1020	1.16	<0.01
ZZ78097		3.91	45.8	4.20	8.53	<0.05	0.05	0.02	0.043	0.08	6.4	32.6	0.63	741	0.82	0.01
ZZ78098		0.41	51.0	2.06	2.63	0.06	0.08	0.42	0.037	0.08	9.4	7.1	0.16	226	14.40	<0.01
ZZ78099		0.44	42.4	1.76	2.19	<0.05	0.05	0.21	0.021	0.04	5.9	8.7	0.22	355	2.32	<0.01
ZZ78100		0.53	12.7	1.04	1.78	<0.05	0.04	0.09	0.015	0.03	3.4	2.9	0.06	170	1.58	<0.01
ZZ78101		0.36	23.1	2.25	2.36	0.06	0.08	0.14	0.030	0.05	12.2	6.1	0.22	462	4.86	<0.01
ZZ78102		0.37	18.4	2.39	3.19	<0.05	0.03	0.12	0.025	0.05	12.1	9.9	0.28	614	2.28	<0.01
ZZ78103		0.51	22.0	4.36	4.37	0.06	0.07	0.08	0.033	0.09	15.3	10.8	0.30	1010	13.70	0.01
ZZ78104		0.36	28.0	2.97	3.76	0.08	0.09	0.12	0.039	0.08	17.0	9.0	0.23	732	4.10	0.01
ZZ78105		0.61	23.2	2.63	4.46	0.05	0.04	0.10	0.034	0.04	11.0	11.2	0.25	184	3.61	<0.01
ZZ78106		0.48	20.8	2.00	1.95	0.05	0.05	0.21	0.025	0.04	8.0	5.9	0.14	286	2.53	<0.01
ZZ78107		0.45	33.3	1.84	2.20	0.05	0.04	0.16	0.025	0.04	8.2	7.4	0.20	296	2.81	<0.01
ZZ78108		0.58	38.5	2.77	3.35	0.05	0.06	0.22	0.031	0.07	9.7	14.2	0.36	290	4.18	<0.01
ZZ78109		0.46	16.6	1.03	1.64	<0.05	0.05	0.15	0.015	0.03	5.2	2.5	0.10	520	1.79	0.01
ZZ78110		0.69	22.2	2.33	1.32	0.05	0.03	0.11	0.034	0.06	6.3	2.3	0.06	235	14.80	<0.01
ZZ78111		0.84	27.6	2.91	3.90	0.05	0.05	0.10	0.034	0.06	11.1	17.6	0.33	351	2.50	0.01
ZZ78112		0.75	43.1	2.89	3.53	0.05	0.08	0.16	0.028	0.07	9.3	17.8	0.40	481	2.72	0.01
ZZ78113		2.00	37.9	2.28	3.00	0.05	0.09	0.20	0.027	0.08	8.8	13.0	0.28	309	2.29	0.01
ZZ78114		2.32	21.9	2.93	4.17	<0.05	0.02	0.06	0.026	0.09	4.8	8.5	0.18	969	1.66	<0.01
ZZ78115		2.41	53.8	3.21	3.62	0.05	0.03	0.19	0.031	0.09	7.9	12.1	0.21	875	14.75	<0.01
ZZ78116		1.83	34.5	2.69	1.91	<0.05	0.02	0.04	0.036	0.08	3.3	5.5	0.09	545	4.54	0.01
ZZ78117		1.55	33.5	3.34	4.45	0.06	0.08	0.13	0.039	0.08	10.0	17.9	0.37	709	3.31	<0.01
ZZ78118		1.00	46.6	4.10	2.81	0.08	0.07	0.14	0.041	0.11	25.0	15.2	0.36	564	6.25	<0.01
ZZ78119		1.38	31.5	1.12	1.09	<0.05	0.06	0.14	0.016	0.07	2.6	3.1	0.08	131	2.26	0.01
ZZ78120		1.34	42.7	2.63	1.89	<0.05	0.09	0.13	0.035	0.09	6.3	9.2	0.20	195	5.24	<0.01
ZZ78121		1.31	37.2	2.37	2.54	<0.05	0.07	0.11	0.029	0.08	5.4	10.0	0.26	214	4.47	0.01
ZZ78122		0.76	40.9	1.88	1.82	<0.05	0.06	0.22	0.027	0.06	6.4	6.2	0.16	187	7.59	0.01
ZZ78123		1.18	50.2	2.87	3.97	0.07	0.09	0.10	0.030	0.09	15.4	17.4	0.54	515	2.57	0.02
ZZ78124		0.43	10.7	0.90	1.62	<0.05	0.03	0.15	0.016	0.03	9.6	1.7	0.06	325	2.03	0.01
ZZ78125		0.92	13.5	2.18	3.93	0.05	0.03	0.08	0.030	0.06	13.3	8.3	0.18	488	2.32	<0.01
ZZ78126		0.52	8.9	1.01	2.12	<0.05	0.03	0.16	0.018	0.04	4.9	1.3	0.05	51	2.18	0.01
ZZ78127		0.38	9.5	1.41	2.66	0.05	0.06	0.16	0.019	0.02	9.4	4.5	0.10	110	1.94	0.01
ZZ78128		0.95	26.8	3.62	3.63	0.06	0.06	0.26	0.034	0.05	13.9	9.5	0.25	607	6.53	0.01
ZZ78129		0.31	26.5	2.69	2.03	0.07	0.09	0.10	0.041	0.10	15.5	4.2	0.13	656	5.45	0.01
ZZ78130		0.38	17.7	1.00	1.38	<0.05	0.03	0.25	0.019	0.05	8.2	2.8	0.10	833	25.4	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78091		0.21	39.1	300	22.1	15.1	<0.001	0.01	0.39	4.9	0.8	0.3	10.2	<0.01	0.06	3.4
ZZ78092		1.19	20.3	430	16.6	19.7	0.001	0.02	0.53	3.0	0.6	0.7	8.9	<0.01	0.05	2.4
ZZ78093		0.56	14.1	430	29.6	15.1	<0.001	0.03	0.37	2.6	0.4	0.8	4.0	<0.01	0.05	2.3
ZZ78094		0.47	28.1	340	25.3	17.2	0.001	0.01	0.26	4.7	0.6	0.8	9.6	<0.01	0.03	3.2
ZZ78095		0.66	26.3	370	17.3	16.2	<0.001	0.01	0.46	3.4	0.7	1.1	9.2	<0.01	0.04	1.9
ZZ78096		0.65	23.2	460	20.4	22.0	<0.001	0.01	0.31	4.3	0.6	0.8	11.4	<0.01	0.04	2.9
ZZ78097		0.35	30.2	350	37.2	11.4	0.001	0.01	0.21	5.1	0.6	0.8	67.6	<0.01	0.04	3.3
ZZ78098		0.20	68.4	2920	14.1	6.2	0.006	0.14	2.75	2.3	5.2	0.6	100.5	<0.01	0.13	0.6
ZZ78099		0.29	61.9	1550	7.3	5.4	0.010	0.18	1.37	1.6	3.8	0.3	58.2	<0.01	0.05	0.4
ZZ78100		0.44	18.5	920	5.8	3.9	0.001	0.18	0.44	1.0	1.1	0.2	29.6	<0.01	0.03	0.2
ZZ78101		0.36	70.5	2260	11.5	6.1	0.001	0.15	1.64	2.0	3.3	0.4	70.1	<0.01	0.06	0.3
ZZ78102		0.47	35.6	1170	12.6	4.6	<0.001	0.13	0.67	1.6	1.5	0.4	25.2	<0.01	0.05	0.3
ZZ78103		0.55	150.0	1590	16.3	7.4	<0.001	0.11	1.81	3.0	1.9	0.5	36.4	0.01	0.10	0.7
ZZ78104		0.34	59.8	1920	17.2	6.5	<0.001	0.14	2.92	2.2	4.0	0.5	28.3	<0.01	0.12	0.7
ZZ78105		0.79	40.4	760	13.3	4.3	0.001	0.08	0.88	3.6	1.7	0.5	27.3	<0.01	0.10	1.1
ZZ78106		0.28	40.9	1640	9.3	5.3	0.005	0.16	1.03	1.5	3.8	0.3	49.7	<0.01	0.10	0.3
ZZ78107		0.41	54.0	1630	9.4	4.3	0.002	0.13	1.33	1.8	3.0	0.3	46.6	<0.01	0.12	0.4
ZZ78108		0.66	77.5	1100	14.1	7.3	0.001	0.07	1.71	3.6	2.3	0.4	35.6	<0.01	0.11	1.5
ZZ78109		0.34	16.9	1390	6.6	6.4	0.001	0.23	0.63	0.9	1.8	0.2	47.1	<0.01	0.04	0.2
ZZ78110		0.11	44.3	1250	21.0	4.3	0.003	0.04	5.32	1.8	2.3	0.4	46.3	<0.01	0.71	0.8
ZZ78111		0.47	35.4	1010	14.5	8.7	<0.001	0.05	0.96	4.6	1.3	0.4	29.4	<0.01	0.06	1.7
ZZ78112		0.41	32.5	1150	14.6	6.8	0.002	0.09	1.13	3.6	2.3	0.3	49.4	<0.01	0.05	1.3
ZZ78113		0.44	25.0	1160	15.5	12.2	0.001	0.10	1.06	3.5	2.4	0.4	56.4	<0.01	0.05	1.0
ZZ78114		0.31	14.8	990	11.5	10.6	<0.001	0.06	0.52	2.2	0.6	0.4	4.8	<0.01	0.05	1.1
ZZ78115		0.27	75.7	1160	20.2	10.8	0.001	0.06	3.38	3.1	2.5	0.5	18.1	<0.01	0.08	0.9
ZZ78116		0.11	31.3	670	18.3	9.2	<0.001	0.07	1.11	2.7	1.4	0.3	23.3	<0.01	0.06	1.5
ZZ78117		0.46	27.9	1150	17.1	13.2	0.002	0.05	1.17	4.6	1.8	0.5	22.4	<0.01	0.05	1.6
ZZ78118		0.25	45.0	1300	19.2	8.3	0.001	0.06	1.28	6.1	1.8	0.4	35.1	<0.01	0.05	2.5
ZZ78119		0.11	22.1	970	7.8	7.4	<0.001	0.18	0.87	1.5	1.3	0.2	66.8	<0.01	0.02	0.6
ZZ78120		0.11	36.4	750	16.3	8.2	0.003	0.06	1.57	4.1	1.9	0.3	34.4	<0.01	0.07	1.8
ZZ78121		0.20	29.5	730	13.6	11.2	0.002	0.08	1.36	3.3	1.5	0.4	47.9	<0.01	0.06	1.4
ZZ78122		0.17	45.5	1370	11.7	6.2	0.005	0.13	2.46	2.7	3.2	0.3	72.2	<0.01	0.07	0.8
ZZ78123		0.88	41.5	990	14.0	9.0	0.003	0.02	1.29	5.0	1.1	0.5	33.4	<0.01	0.05	4.7
ZZ78124		0.32	14.6	1520	6.2	2.9	0.001	0.22	0.36	0.7	1.8	0.2	26.8	0.01	0.04	<0.2
ZZ78125		0.78	25.6	950	13.0	6.9	0.001	0.09	0.59	1.9	1.3	0.5	17.7	<0.01	0.06	0.5
ZZ78126		0.48	22.5	810	6.3	2.6	<0.001	0.18	0.71	1.6	2.3	0.3	17.2	<0.01	0.07	0.4
ZZ78127		0.60	44.3	840	7.3	2.3	0.001	0.15	0.84	1.5	3.8	0.3	23.3	<0.01	0.05	0.3
ZZ78128		0.70	173.0	2100	12.8	8.1	0.004	0.11	1.98	2.9	3.2	0.5	29.3	<0.01	0.10	0.8
ZZ78129		0.23	86.9	2640	16.4	5.6	0.001	0.20	1.51	1.6	4.3	0.4	40.1	0.01	0.30	0.8
ZZ78130		0.19	45.9	1480	6.2	5.4	0.002	0.25	0.91	0.6	3.7	0.3	29.9	<0.01	0.07	<0.2

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ78091		<0.005	0.10	0.63	46	0.07	6.50	85	1.5
ZZ78092		0.023	0.12	0.56	60	0.22	2.77	81	<0.5
ZZ78093		0.014	0.08	0.66	26	0.15	2.49	40	<0.5
ZZ78094		0.007	0.08	0.63	36	0.05	4.63	85	1.5
ZZ78095		0.006	0.13	0.50	46	0.08	4.04	119	0.7
ZZ78096		0.006	0.10	0.72	44	0.08	5.04	99	1.2
ZZ78097		<0.005	0.05	1.06	31	<0.05	10.30	80	1.5
ZZ78098		0.005	0.45	13.55	153	0.12	22.8	295	2.2
ZZ78099		0.005	0.13	9.85	74	0.05	16.70	286	1.5
ZZ78100		0.013	0.06	3.17	32	0.09	5.63	351	1.3
ZZ78101		0.006	0.10	8.44	86	0.08	38.0	504	2.2
ZZ78102		0.010	0.07	5.12	71	0.12	24.9	149	0.7
ZZ78103		0.010	0.12	2.79	105	0.14	33.9	703	2.1
ZZ78104		0.005	0.15	6.43	95	0.10	42.1	242	2.4
ZZ78105		0.010	0.19	3.27	73	0.24	17.90	122	1.4
ZZ78106		0.005	0.19	4.87	51	0.06	18.75	124	1.3
ZZ78107		0.008	0.15	5.15	49	0.14	19.10	198	1.5
ZZ78108		0.013	0.28	2.13	56	0.20	14.15	254	1.9
ZZ78109		0.011	0.13	2.92	29	0.05	10.75	176	1.6
ZZ78110		<0.005	0.56	1.42	31	0.25	15.85	198	1.5
ZZ78111		0.007	0.14	3.55	73	0.13	17.45	117	1.7
ZZ78112		0.006	0.12	1.79	44	0.08	11.40	106	2.1
ZZ78113		0.007	0.20	3.47	35	0.07	13.15	94	2.3
ZZ78114		0.006	0.11	0.50	35	0.06	2.63	63	0.8
ZZ78115		0.005	0.24	1.54	113	0.12	11.55	266	0.8
ZZ78116		<0.005	0.28	0.53	23	<0.05	2.50	160	0.5
ZZ78117		0.007	0.21	2.36	55	0.12	10.80	141	1.9
ZZ78118		0.005	0.25	0.73	37	0.05	15.75	165	1.8
ZZ78119		<0.005	0.18	0.44	12	<0.05	5.55	61	1.9
ZZ78120		<0.005	0.21	1.08	24	<0.05	8.13	167	2.7
ZZ78121		<0.005	0.22	1.16	29	0.05	6.90	136	2.1
ZZ78122		0.005	0.48	2.60	93	0.18	11.55	204	1.8
ZZ78123		0.050	0.19	1.79	55	0.28	11.85	140	3.5
ZZ78124		0.011	0.06	4.67	26	<0.05	18.95	186	0.8
ZZ78125		0.015	0.17	3.30	63	0.14	15.55	179	0.9
ZZ78126		0.015	0.14	1.84	27	0.08	6.82	115	1.4
ZZ78127		0.011	0.15	9.41	39	0.11	20.2	98	1.9
ZZ78128		0.010	0.32	12.45	83	0.14	37.9	717	1.5
ZZ78129		0.005	0.16	2.48	58	0.08	37.3	528	2.3
ZZ78130		0.006	0.15	2.23	26	0.07	19.45	459	0.9

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Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78131		0.20	0.001	0.07	1.98	19.5	<0.2	<10	1330	0.83	0.27	0.59	0.67	17.05	9.7	28
ZZ78132		0.14	0.003	0.29	1.22	14.8	<0.2	<10	1420	0.65	0.21	2.63	1.83	14.80	10.6	24
ZZ78133		0.15	0.002	0.90	1.19	11.4	<0.2	<10	2310	0.74	0.18	2.58	3.26	14.05	10.0	31
ZZ78134		0.07	0.004	0.12	0.32	2.9	<0.2	<10	1320	0.18	0.06	4.04	8.45	2.77	2.4	6
ZZ78135		0.09	0.004	0.59	1.07	17.2	<0.2	<10	1680	0.77	0.16	3.62	7.30	9.96	12.3	30
ZZ78136		0.21	0.005	3.19	0.86	20.6	<0.2	<10	2890	0.69	0.28	0.82	1.76	11.90	5.1	29
ZZ78137		0.15	0.002	1.54	0.77	12.0	<0.2	<10	3220	0.56	0.14	2.41	0.83	8.25	4.5	20
ZZ78138		0.19	0.003	1.16	1.04	17.4	<0.2	<10	2970	0.89	0.24	0.86	1.10	11.65	7.6	29
ZZ78139		0.36	0.001	0.16	1.75	9.1	<0.2	<10	180	1.35	0.42	0.07	0.13	16.20	11.0	28
ZZ78140		0.30	<0.001	0.05	2.18	15.1	<0.2	<10	120	1.38	0.51	0.02	0.12	12.70	14.2	33
ZZ78141		0.28	0.001	0.04	2.14	3.2	<0.2	<10	190	1.91	0.41	0.04	0.12	12.80	15.6	31
ZZ78142		0.35	0.001	0.15	1.86	10.0	<0.2	<10	170	0.86	0.36	0.02	0.15	18.55	12.0	29
ZZ78143		0.31	0.001	0.09	1.52	12.6	<0.2	<10	100	0.76	0.38	0.03	0.12	17.30	16.0	27
ZZ78144		0.29	0.001	0.04	2.09	10.8	<0.2	<10	130	0.92	0.45	0.04	0.13	20.7	11.5	35
ZZ78145		0.13	0.010	0.61	1.07	14.5	<0.2	<10	1300	0.83	0.22	1.59	2.80	15.65	11.0	23
ZZ78146		0.19	0.002	0.34	1.40	13.2	<0.2	<10	1740	0.88	0.25	1.00	0.80	16.95	9.1	29
ZZ78147		0.19	0.002	0.35	1.39	13.5	<0.2	<10	2230	0.88	0.24	0.81	1.27	17.55	10.1	32
ZZ78148		0.22	0.002	0.47	1.39	15.0	<0.2	<10	1610	0.90	0.26	0.96	1.58	17.75	11.9	38
ZZ78149		0.23	0.003	0.25	1.37	12.5	<0.2	<10	930	0.74	0.27	0.79	0.54	16.15	9.6	33
ZZ78150		0.25	0.003	0.36	1.59	14.4	<0.2	<10	1350	0.89	0.26	0.96	1.71	27.1	12.9	34
ZZ78151		0.15	0.004	0.35	1.46	14.6	<0.2	<10	830	0.83	0.23	1.77	1.84	17.85	11.4	34
ZZ78152		0.17	0.003	0.51	1.30	17.4	<0.2	<10	710	0.88	0.21	4.77	3.68	17.05	15.4	37
ZZ78153		0.23	0.003	1.06	1.48	103.0	<0.2	<10	930	1.03	0.27	2.45	10.40	19.05	56.9	53
ZZ78154		0.12	0.002	0.18	0.73	3.0	<0.2	<10	360	0.30	0.12	4.40	2.18	8.92	4.9	11
ZZ78155		0.12	0.002	0.24	0.70	4.3	<0.2	<10	380	0.27	0.12	3.47	3.42	7.49	4.8	11
ZZ78156		0.17	0.003	0.36	1.62	14.3	<0.2	<10	570	0.79	0.23	1.25	2.66	25.3	12.5	34
ZZ78157		0.17	0.001	0.29	1.54	11.2	<0.2	<10	600	0.73	0.22	2.33	4.97	21.2	12.5	30
ZZ78158		0.15	<0.001	0.37	1.24	11.7	<0.2	<10	940	0.67	0.19	2.67	3.66	16.40	13.7	26
ZZ78159		0.14	0.003	0.61	1.39	18.5	<0.2	<10	540	0.75	0.23	1.59	5.15	24.5	15.1	34
ZZ78160		0.14	0.002	0.67	1.24	13.9	<0.2	<10	600	0.70	0.20	3.77	4.57	18.05	11.9	26
ZZ78161		0.23	0.003	0.66	1.40	20.1	<0.2	<10	1790	0.96	0.22	2.32	12.15	21.0	16.4	33
ZZ78162		0.11	0.002	0.32	1.33	12.7	<0.2	<10	420	0.56	0.23	2.56	2.54	21.0	12.1	28
ZZ78163		0.10	0.001	0.58	1.15	7.0	<0.2	<10	530	0.55	0.20	2.92	1.76	19.30	7.7	24
ZZ78164		0.19	0.005	0.72	1.07	16.9	<0.2	<10	420	0.63	0.19	3.87	5.24	18.70	12.8	25
ZZ78165		0.24	0.002	0.40	0.90	11.6	<0.2	<10	340	0.48	0.15	8.55	2.06	16.45	8.9	19
ZZ78166		0.12	0.002	0.22	0.77	5.0	<0.2	<10	430	0.39	0.12	4.73	3.48	10.80	5.6	15
ZZ78167		0.08	0.005	0.45	0.71	8.0	<0.2	<10	3900	0.41	0.09	3.85	4.44	6.14	4.4	21
ZZ78168		0.15	0.004	2.22	0.64	7.5	<0.2	<10	2260	0.45	0.24	2.12	6.76	10.65	11.9	17
ZZ78169		0.24	<0.001	0.12	0.42	5.9	<0.2	<10	220	0.12	0.18	0.06	4.27	21.1	2.0	13
ZZ78170		0.15	0.001	0.18	0.69	8.7	<0.2	<10	120	0.15	0.24	0.05	0.74	18.95	3.0	11

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ALS Minerals

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VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78131		1.48	16.0	3.25	5.85	<0.05	0.04	0.03	0.038	0.07	8.8	21.7	0.39	509	2.36	<0.01
ZZ78132		0.60	21.9	2.68	3.44	<0.05	0.03	0.10	0.028	0.06	7.8	13.9	0.32	694	2.20	<0.01
ZZ78133		0.51	52.1	2.15	3.01	0.05	0.06	0.25	0.028	0.06	8.7	13.1	0.31	490	3.27	<0.01
ZZ78134		0.25	15.3	0.59	0.81	<0.05	0.03	0.12	0.008	0.03	2.1	1.2	0.06	105	2.11	<0.01
ZZ78135		0.44	42.7	2.54	2.82	0.05	0.04	0.21	0.028	0.04	6.9	10.1	0.33	579	6.13	<0.01
ZZ78136		0.75	51.2	2.11	2.66	0.06	0.08	0.54	0.041	0.08	7.1	5.1	0.08	174	18.05	<0.01
ZZ78137		0.30	28.7	1.59	2.19	<0.05	0.06	0.16	0.023	0.05	4.4	7.1	0.24	201	5.24	<0.01
ZZ78138		0.89	37.3	2.62	2.75	0.06	0.10	0.15	0.039	0.07	8.2	6.7	0.14	250	10.05	<0.01
ZZ78139		1.93	25.6	3.98	7.89	0.05	0.02	0.02	0.033	0.09	7.6	18.2	0.30	751	1.30	<0.01
ZZ78140		2.20	33.9	4.98	9.00	<0.05	0.05	0.04	0.048	0.08	5.9	33.8	0.51	559	1.58	<0.01
ZZ78141		2.53	39.4	4.07	7.72	<0.05	0.04	0.01	0.043	0.08	5.0	28.7	0.51	809	0.44	<0.01
ZZ78142		1.84	20.1	3.77	8.07	<0.05	0.03	0.03	0.034	0.07	9.0	26.2	0.35	850	1.20	<0.01
ZZ78143		2.18	19.1	3.81	7.61	0.05	0.03	0.02	0.036	0.07	8.6	20.5	0.29	1160	1.48	<0.01
ZZ78144		5.64	23.9	4.57	7.96	0.05	0.04	0.03	0.039	0.08	10.3	26.1	0.47	730	1.57	<0.01
ZZ78145		0.77	28.8	2.45	3.18	0.05	0.07	0.13	0.030	0.05	9.6	11.4	0.27	493	3.70	<0.01
ZZ78146		1.16	21.3	2.79	4.36	0.05	0.05	0.09	0.032	0.05	10.1	12.2	0.29	379	4.03	<0.01
ZZ78147		0.93	23.6	2.83	4.02	0.06	0.07	0.07	0.033	0.06	11.5	11.3	0.30	367	3.75	<0.01
ZZ78148		0.99	25.1	3.17	4.04	0.06	0.08	0.10	0.039	0.06	12.0	10.5	0.29	408	4.44	<0.01
ZZ78149		1.42	17.2	2.74	4.79	0.05	0.05	0.09	0.036	0.06	10.0	9.2	0.23	505	3.41	<0.01
ZZ78150		0.88	25.1	3.22	4.50	0.06	0.05	0.12	0.033	0.06	16.6	15.0	0.43	685	2.29	<0.01
ZZ78151		0.96	24.1	3.03	4.18	0.06	0.07	0.10	0.032	0.06	13.2	10.7	0.32	448	2.65	0.01
ZZ78152		0.87	41.1	3.07	3.50	0.06	0.07	0.16	0.032	0.06	13.6	10.0	0.32	504	3.59	0.01
ZZ78153		0.62	72.7	4.72	5.55	0.08	0.08	0.17	0.059	0.09	17.4	10.6	0.29	787	30.2	0.01
ZZ78154		0.35	14.5	1.00	1.67	<0.05	0.04	0.16	0.018	0.03	7.1	2.1	0.09	751	1.14	0.01
ZZ78155		0.41	12.2	0.86	1.88	<0.05	0.04	0.22	0.014	0.04	6.0	1.2	0.05	813	1.43	0.01
ZZ78156		0.94	19.0	2.94	4.70	0.06	0.03	0.09	0.028	0.05	16.6	13.9	0.45	697	2.61	0.01
ZZ78157		0.86	20.0	2.60	4.24	0.05	0.03	0.13	0.030	0.04	14.6	8.2	0.26	937	3.94	0.01
ZZ78158		0.64	20.8	2.32	3.54	0.05	0.04	0.15	0.026	0.05	12.9	8.1	0.26	950	4.21	0.01
ZZ78159		0.85	24.8	3.20	3.85	0.06	0.03	0.18	0.036	0.06	13.7	12.8	0.40	753	11.55	0.01
ZZ78160		0.54	23.0	2.48	3.25	0.07	0.02	0.16	0.027	0.05	17.5	9.1	0.35	1080	9.23	0.01
ZZ78161		0.74	31.3	3.29	3.86	0.06	0.05	0.19	0.035	0.06	15.9	10.3	0.31	864	8.24	<0.01
ZZ78162		0.65	15.3	2.61	3.74	0.06	0.02	0.12	0.028	0.05	16.4	10.2	0.29	777	6.33	0.01
ZZ78163		0.63	20.6	1.98	2.89	0.05	0.02	0.15	0.031	0.04	12.9	6.5	0.18	1400	1.54	<0.01
ZZ78164		0.40	25.5	2.45	2.74	0.07	0.02	0.22	0.026	0.06	15.4	8.7	0.28	624	29.4	0.01
ZZ78165		0.47	18.3	2.02	2.45	0.05	0.03	0.09	0.021	0.05	12.3	8.4	0.29	500	10.20	0.01
ZZ78166		0.33	12.8	1.30	1.86	<0.05	0.02	0.11	0.015	0.03	10.9	4.1	0.16	1040	3.44	0.01
ZZ78167		0.50	18.6	1.22	2.37	<0.05	0.05	0.14	0.015	0.04	6.4	2.7	0.14	218	9.20	<0.01
ZZ78168		0.54	32.5	1.31	2.75	0.06	0.04	0.08	0.024	0.08	5.6	2.0	0.08	1340	10.00	<0.01
ZZ78169		1.91	18.5	0.73	3.51	0.09	<0.02	0.05	0.013	0.04	11.0	0.9	0.02	32	7.96	0.01
ZZ78170		1.40	9.1	1.25	5.16	0.09	<0.02	0.04	0.012	0.04	9.8	2.7	0.07	173	4.48	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ78131		0.67	26.8	840	15.5	15.0	<0.001	0.05	0.56	3.1	0.9	0.6	17.4	<0.01	0.06	1.3
ZZ78132		0.42	31.9	980	13.6	6.4	<0.001	0.11	0.81	2.3	1.8	0.4	36.8	<0.01	0.06	0.5
ZZ78133		0.35	57.5	1600	9.4	5.5	0.004	0.16	1.20	2.2	3.6	0.3	43.6	<0.01	0.07	0.5
ZZ78134		0.22	22.5	950	2.8	1.8	0.003	0.21	0.48	0.6	1.7	<0.2	36.0	<0.01	0.03	<0.2
ZZ78135		0.36	108.5	1470	10.0	4.7	0.013	0.21	1.73	1.7	5.2	0.3	55.1	<0.01	0.11	0.3
ZZ78136		0.20	46.0	2900	17.4	7.3	0.011	0.18	3.47	2.0	6.3	0.6	117.5	<0.01	0.15	0.5
ZZ78137		0.20	25.1	1900	8.7	3.9	0.005	0.15	2.14	1.8	3.3	0.3	82.7	<0.01	0.07	0.5
ZZ78138		0.25	50.1	2450	13.9	8.7	0.005	0.14	2.13	2.9	4.4	0.5	69.7	<0.01	0.13	0.8
ZZ78139		0.68	17.8	480	20.6	16.8	<0.001	0.02	0.32	3.1	0.6	0.8	11.1	<0.01	0.04	2.2
ZZ78140		0.56	27.4	480	26.3	13.4	<0.001	0.02	0.38	3.8	0.6	1.0	8.4	<0.01	0.05	2.7
ZZ78141		0.32	27.1	400	9.7	13.0	<0.001	0.02	0.15	4.4	0.4	0.6	9.2	<0.01	0.04	2.9
ZZ78142		0.79	16.4	430	17.0	20.7	<0.001	0.02	0.37	3.1	0.5	0.9	5.8	<0.01	0.04	2.0
ZZ78143		1.00	16.1	450	23.2	20.7	<0.001	0.01	0.45	2.9	0.5	0.9	7.0	<0.01	0.04	3.0
ZZ78144		1.47	19.9	470	16.8	20.5	<0.001	0.02	0.56	3.7	0.8	0.8	8.1	<0.01	0.04	3.8
ZZ78145		0.47	48.5	1560	13.0	7.9	0.002	0.10	1.44	2.7	2.2	0.4	40.3	<0.01	0.05	0.8
ZZ78146		0.60	44.4	1440	13.2	9.8	0.001	0.08	1.04	2.8	1.3	0.5	27.0	<0.01	0.09	0.9
ZZ78147		0.58	57.3	1640	12.9	11.0	0.001	0.09	1.16	2.9	1.4	0.5	28.7	<0.01	0.07	1.0
ZZ78148		0.56	75.1	1710	14.8	10.4	0.001	0.07	1.23	3.4	1.7	0.5	30.7	<0.01	0.10	1.1
ZZ78149		0.59	43.5	1480	14.7	15.1	<0.001	0.07	0.87	2.7	1.2	0.6	24.0	<0.01	0.06	0.9
ZZ78150		0.70	51.3	1350	14.8	10.3	0.001	0.07	0.95	3.0	1.5	0.5	24.2	<0.01	0.07	1.1
ZZ78151		0.62	73.1	1680	13.0	8.7	0.001	0.10	1.27	2.5	1.6	0.5	23.0	<0.01	0.09	0.8
ZZ78152		0.55	116.0	1900	12.5	7.3	0.001	0.08	1.71	3.0	2.0	0.5	41.7	<0.01	0.13	0.9
ZZ78153		0.52	240	2800	18.1	7.3	0.003	0.22	5.38	3.1	4.0	0.7	37.7	<0.01	0.17	0.8
ZZ78154		0.48	14.8	1070	6.3	2.9	0.001	0.25	0.69	0.7	1.6	0.2	32.6	<0.01	0.04	<0.2
ZZ78155		0.42	12.8	1650	6.4	3.3	<0.001	0.25	0.75	0.6	1.2	0.2	29.5	<0.01	0.04	<0.2
ZZ78156		0.77	48.0	1580	14.6	8.7	0.001	0.07	1.07	2.8	1.6	0.5	25.1	<0.01	0.06	1.0
ZZ78157		0.66	49.0	1880	12.6	5.9	0.001	0.18	1.19	1.4	1.8	0.4	26.3	<0.01	0.06	0.3
ZZ78158		0.62	69.8	1590	11.1	5.8	0.001	0.18	1.38	1.2	2.3	0.4	25.4	0.01	0.08	0.3
ZZ78159		0.62	98.3	940	15.0	9.2	0.001	0.09	2.04	2.5	2.7	0.5	22.5	<0.01	0.14	0.6
ZZ78160		0.43	47.2	1570	13.4	6.6	0.002	0.18	1.63	1.0	2.6	0.4	27.6	<0.01	0.09	0.2
ZZ78161		0.59	140.5	1610	13.9	7.6	0.001	0.11	2.08	2.2	2.6	0.4	31.2	<0.01	0.09	0.5
ZZ78162		0.64	44.5	1220	13.9	6.8	0.001	0.14	1.15	1.3	1.9	0.4	24.3	<0.01	0.08	0.2
ZZ78163		0.40	19.3	1950	12.8	6.1	<0.001	0.20	0.87	1.6	2.0	0.4	32.4	<0.01	0.06	<0.2
ZZ78164		0.39	67.2	1600	12.2	4.1	0.001	0.15	1.43	0.9	3.4	0.4	35.2	<0.01	0.10	0.2
ZZ78165		0.46	40.5	1130	9.3	4.6	0.001	0.11	1.01	1.2	1.9	0.3	51.1	<0.01	0.08	0.3
ZZ78166		0.39	18.0	1560	7.6	3.2	0.001	0.26	0.59	0.5	1.4	0.2	28.8	<0.01	0.05	<0.2
ZZ78167		0.29	60.1	2140	5.4	4.3	0.002	0.25	1.45	0.8	3.3	0.2	59.4	<0.01	0.05	0.2
ZZ78168		0.42	12.9	2280	19.0	8.8	0.002	0.26	3.66	1.0	11.5	0.7	102.5	<0.01	0.09	0.3
ZZ78169		0.18	7.2	540	8.1	6.9	<0.001	0.01	0.80	0.4	1.3	0.9	15.1	<0.01	0.07	<0.2
ZZ78170		0.34	7.8	610	9.5	9.4	<0.001	0.02	0.63	0.4	1.1	0.7	11.1	<0.01	0.04	<0.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78131		0.009	0.16	1.45	73	0.14	5.85	119	1.0
ZZ78132		0.009	0.08	3.97	56	0.11	12.60	146	0.9
ZZ78133		0.007	0.12	6.39	76	0.07	21.8	207	1.8
ZZ78134		0.009	0.04	3.23	23	<0.05	6.31	271	1.0
ZZ78135		0.005	0.11	15.50	118	0.07	23.0	625	1.2
ZZ78136		<0.005	0.79	10.45	193	0.24	18.60	192	1.8
ZZ78137		<0.005	0.13	3.72	64	0.09	9.51	78	1.7
ZZ78138		<0.005	0.50	6.64	123	0.25	21.5	262	2.4
ZZ78139		0.008	0.10	0.77	45	0.11	5.72	75	0.6
ZZ78140		0.005	0.09	0.56	39	0.06	3.90	98	1.6
ZZ78141		<0.005	0.10	0.72	30	<0.05	5.60	82	1.3
ZZ78142		0.010	0.12	0.50	51	0.12	3.39	88	0.6
ZZ78143		0.014	0.13	0.56	52	0.13	2.87	87	1.1
ZZ78144		0.022	0.13	0.83	57	0.22	3.58	80	1.7
ZZ78145		0.008	0.27	4.51	79	0.15	16.80	229	1.8
ZZ78146		0.010	0.24	2.94	71	0.17	13.15	207	1.2
ZZ78147		0.010	0.29	3.82	77	0.22	17.45	277	1.6
ZZ78148		0.009	0.32	5.32	82	0.25	22.4	401	1.8
ZZ78149		0.011	0.33	3.97	75	0.22	12.70	208	1.2
ZZ78150		0.020	0.18	4.37	74	0.22	22.1	240	1.3
ZZ78151		0.013	0.25	6.18	91	0.21	24.0	365	1.6
ZZ78152		0.010	0.33	9.28	100	0.15	32.2	588	1.7
ZZ78153		0.012	0.62	9.82	147	0.24	48.9	1340	2.2
ZZ78154		0.015	0.09	2.25	36	0.06	13.25	160	1.4
ZZ78155		0.014	0.08	6.94	44	0.07	13.65	152	1.2
ZZ78156		0.023	0.16	6.38	85	0.27	21.6	210	0.9
ZZ78157		0.015	0.22	12.05	83	0.18	25.8	255	0.8
ZZ78158		0.013	0.24	6.31	78	0.15	28.8	390	1.0
ZZ78159		0.018	0.29	4.39	89	0.25	25.2	502	0.8
ZZ78160		0.012	0.20	4.67	92	0.18	33.4	280	0.6
ZZ78161		0.013	0.27	3.33	105	0.20	31.0	651	1.1
ZZ78162		0.015	0.20	3.88	79	0.24	25.5	276	0.5
ZZ78163		0.008	0.09	4.64	64	0.10	30.4	109	0.5
ZZ78164		0.010	0.43	1.92	62	0.29	33.9	330	0.6
ZZ78165		0.016	0.42	1.84	47	0.18	21.2	193	0.7
ZZ78166		0.008	0.11	3.25	38	0.20	22.3	206	0.6
ZZ78167		0.006	0.24	24.9	51	0.09	16.25	334	1.7
ZZ78168		0.010	0.97	3.13	137	0.18	6.69	131	1.1
ZZ78169		0.010	0.48	1.34	61	0.13	2.26	34	<0.5
ZZ78170		0.015	0.36	0.62	74	0.19	1.70	54	<0.5

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Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78171		0.26	0.002	0.12	1.88	23.8	<0.2	<10	340	1.02	0.32	0.47	2.47	31.0	21.2	34
ZZ78172		0.17	0.001	0.12	1.36	17.6	<0.2	<10	510	0.44	0.31	0.27	2.10	17.75	10.5	28
ZZ78173		0.19	0.002	0.15	1.47	12.6	<0.2	<10	580	0.49	0.28	0.36	0.48	18.05	8.3	23
ZZ78174		0.17	0.002	0.21	0.85	7.7	<0.2	<10	430	0.96	0.26	1.34	1.14	5.58	9.8	13
ZZ78175		0.13	0.008	0.48	0.56	12.6	<0.2	<10	820	0.74	0.23	1.14	6.72	4.99	11.0	14
ZZ78176		0.26	0.002	0.78	0.74	19.3	<0.2	<10	210	1.18	0.29	0.31	4.69	11.35	18.9	16
ZZ78177		0.14	0.003	1.67	0.75	21.6	<0.2	<10	1260	0.68	0.27	2.61	1.46	13.50	13.9	45
ZZ78178		0.12	<0.001	0.34	0.28	4.3	<0.2	10	460	0.19	0.09	4.82	8.58	4.33	3.8	8
ZZ78179		0.25	0.004	2.43	0.85	31.5	<0.2	10	2330	0.79	0.33	3.32	6.33	16.30	21.1	35
ZZ78180		0.16	0.004	1.65	0.61	14.4	<0.2	<10	2070	0.48	0.22	2.46	3.21	13.25	8.2	20
ZZ78181		0.19	0.006	2.87	0.80	26.8	<0.2	10	2630	0.66	0.26	2.78	4.45	13.60	12.1	43
ZZ78182		0.17	0.005	1.69	1.47	22.7	<0.2	<10	3480	0.63	0.50	0.31	0.85	16.00	7.5	37
ZZ78183		0.31	0.003	3.77	0.73	12.1	<0.2	<10	1620	0.55	0.23	0.19	0.77	9.67	3.5	26
ZZ78184		0.27	0.002	0.83	1.83	25.4	<0.2	<10	2500	1.00	0.26	0.18	1.42	23.5	18.5	35
ZZ78185		0.25	0.001	0.13	1.67	21.3	<0.2	<10	2840	0.83	0.27	0.09	0.72	18.75	16.8	29
ZZ78186		0.30	0.001	0.87	1.22	22.1	<0.2	<10	2790	0.73	0.19	0.35	2.29	16.70	10.0	23
ZZ78187		0.13	0.005	0.10	0.54	3.3	<0.2	<10	200	0.26	0.15	3.33	1.87	6.09	6.0	9
ZZ78188		0.11	0.004	0.50	1.10	14.2	<0.2	10	1250	0.75	0.24	2.60	6.46	18.05	29.8	33
ZZ78189		0.35	0.002	0.33	0.49	4	<0.2	<10	720	0.44	0.13	19.95	3.94	12.20	15.0	18
ZZ78190		0.12	0.004	0.28	0.67	8.2	<0.2	<10	970	0.59	0.61	3.83	3.58	15.10	14.0	24
ZZ78191		0.08	0.003	0.28	0.42	5.2	<0.2	<10	780	0.27	0.11	4.83	3.02	6.11	6.4	12
ZZ78192		0.13	0.007	2.37	0.61	17.5	<0.2	10	960	0.54	0.17	3.05	6.46	9.32	10.2	34
ZZ78193		0.21	0.005	2.43	0.57	18.1	<0.2	<10	1370	0.58	0.15	2.57	7.85	10.95	10.8	33
ZZ78194		0.31	0.004	9.95	0.68	13.5	<0.2	<10	2030	0.68	0.24	0.57	10.85	13.55	3.0	50
ZZ78195		0.26	0.007	6.93	0.65	16.3	<0.2	<10	1870	0.76	0.22	1.17	14.00	10.80	3.8	40
ZZ78196		0.45	0.007	4.20	0.72	31.5	<0.2	<10	2120	0.81	0.25	0.42	3.73	11.55	2.9	53
ZZ78197		0.38	0.004	3.11	0.64	16.2	<0.2	<10	1900	0.76	0.17	0.31	2.99	9.55	1.9	38
ZZ78198		0.29	0.004	5.44	1.50	37.6	<0.2	<10	1050	1.09	0.24	0.49	2.04	22.2	5.1	43
ZZ78199		0.31	0.010	3.37	0.66	8.8	<0.2	<10	900	0.82	0.20	0.08	1.76	11.70	0.7	19
ZZ78200		0.34	0.004	1.41	0.68	18.1	<0.2	<10	360	0.24	0.31	0.04	0.42	14.35	2.4	17
ZZ78201		0.34	0.003	1.61	0.62	15.3	<0.2	<10	270	0.18	0.29	0.02	0.24	8.68	0.9	14
ZZ78202		0.22	0.006	2.39	0.69	64.6	<0.2	<10	550	0.46	0.48	0.03	0.89	11.65	5.8	21
ZZ78203		0.26	0.007	5.82	0.55	45.9	<0.2	<10	900	0.39	0.43	0.07	2.30	11.65	3.5	17
ZZ78204		0.34	0.001	0.31	0.29	12.6	<0.2	<10	160	0.10	0.24	0.01	0.13	8.14	1.3	7
ZZ78205		0.30	0.002	0.12	0.45	13.8	<0.2	<10	150	0.17	0.21	0.02	0.25	5.90	1.3	9
ZZ78206		0.29	0.002	0.25	0.47	20.6	<0.2	<10	300	0.18	0.26	0.02	0.23	10.85	2.6	11
ZZ78207		0.29	0.002	0.28	1.04	20.8	<0.2	<10	230	0.37	0.23	0.03	0.66	16.15	4.1	19
ZZ78208		0.30	0.002	0.45	1.36	26.4	<0.2	<10	1290	0.84	0.21	0.59	1.80	23.6	7.6	26
ZZ78209		0.27	0.007	0.47	0.56	19.1	<0.2	<10	310	0.73	0.19	0.42	1.01	24.6	11.6	13
ZZ78210		0.20	0.002	0.33	0.66	15.0	<0.2	<10	290	0.39	0.21	0.26	0.81	13.35	5.2	15

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
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Finalized Date: 1- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ78171		1.39	36.9	4.11	4.76	0.10	0.07	0.07	0.045	0.09	12.2	25.7	0.48	767	14.15	0.01
ZZ78172		1.17	18.4	3.49	5.60	0.10	<0.02	0.03	0.029	0.07	8.9	14.4	0.36	455	8.11	0.01
ZZ78173		1.43	16.6	2.84	5.32	0.09	0.02	0.03	0.027	0.06	8.6	19.3	0.32	321	5.07	0.01
ZZ78174		1.83	28.4	3.12	2.46	0.09	0.04	0.07	0.032	0.06	3.0	7.6	0.16	405	4.99	0.01
ZZ78175		0.95	21.3	2.59	1.72	0.09	0.05	0.14	0.029	0.05	2.6	3.6	0.07	2060	18.90	0.01
ZZ78176		1.69	39.5	3.86	1.47	0.11	0.04	0.08	0.062	0.07	4.8	4.1	0.04	331	10.70	0.01
ZZ78177		0.27	31.7	2.70	2.35	0.10	0.07	0.26	0.038	0.06	10.4	5.7	0.18	363	16.35	0.01
ZZ78178		0.29	16.5	0.67	0.78	0.09	0.06	0.18	0.010	0.04	3.8	2.0	0.11	301	3.92	0.01
ZZ78179		0.47	49.7	3.42	2.52	0.12	0.08	0.37	0.048	0.09	13.8	6.3	0.59	464	48.6	<0.01
ZZ78180		0.57	33.4	2.15	1.64	0.12	0.05	0.40	0.030	0.06	14.0	3.7	0.11	275	56.5	0.01
ZZ78181		0.83	57.5	2.88	2.35	0.13	0.06	0.27	0.049	0.10	11.8	6.2	0.17	241	38.6	<0.01
ZZ78182		1.83	23.5	2.72	5.29	0.09	0.04	0.28	0.038	0.10	8.4	15.8	0.29	198	13.45	<0.01
ZZ78183		0.92	31.1	1.59	2.56	0.10	0.02	0.08	0.025	0.07	5.1	5.2	0.10	98	6.23	<0.01
ZZ78184		1.34	32.9	3.87	4.79	0.10	0.06	0.37	0.038	0.07	10.4	31.5	0.50	670	8.69	0.01
ZZ78185		1.30	28.9	4.32	4.70	0.10	0.04	0.04	0.036	0.05	7.3	27.0	0.48	818	8.98	0.01
ZZ78186		0.94	20.1	2.51	3.11	0.09	0.03	0.11	0.027	0.05	9.1	7.7	0.14	354	23.2	0.01
ZZ78187		0.52	13.3	1.08	1.56	0.08	0.04	0.11	0.019	0.04	3.5	2.3	0.07	561	1.07	0.02
ZZ78188		0.98	41.5	2.64	2.99	0.11	0.09	0.19	0.036	0.10	19.3	7.4	0.21	1220	3.64	0.02
ZZ78189		0.65	23.8	1.49	1.46	0.09	0.03	0.10	0.020	0.05	10.9	4.2	0.20	610	2.15	0.01
ZZ78190		0.48	31.9	2.05	1.75	0.10	0.07	0.14	0.034	0.06	14.4	4.0	0.12	1300	2.31	0.01
ZZ78191		0.32	13.1	0.85	1.12	0.09	0.03	0.15	0.018	0.04	5.9	1.4	0.07	483	1.82	0.01
ZZ78192		1.48	64.1	2.12	1.43	0.12	0.08	0.35	0.026	0.07	10.1	2.9	0.07	165	8.86	0.01
ZZ78193		1.66	66.3	2.29	1.37	0.15	0.09	0.25	0.027	0.06	11.4	2.8	0.08	207	12.20	<0.01
ZZ78194		0.85	88.5	1.54	2.38	0.15	0.02	0.38	0.041	0.08	11.5	2.9	0.06	56	11.75	<0.01
ZZ78195		1.04	94.2	1.54	1.82	0.14	0.04	0.51	0.037	0.09	9.1	2.3	0.04	46	16.95	<0.01
ZZ78196		0.90	98.5	2.32	2.17	0.17	0.02	0.34	0.038	0.11	8.1	1.7	0.04	37	18.65	<0.01
ZZ78197		0.68	74.8	1.63	1.84	0.14	<0.02	0.18	0.024	0.07	6.8	1.9	0.05	40	9.12	<0.01
ZZ78198		1.44	99.2	2.87	4.40	0.17	0.06	0.16	0.049	0.11	12.1	8.8	0.20	153	27.9	0.01
ZZ78199		1.52	79.2	0.64	2.44	0.11	0.04	0.23	0.043	0.10	6.4	1.8	0.04	21	17.95	0.01
ZZ78200		1.49	15.6	1.54	4.97	0.09	<0.02	0.10	0.025	0.10	7.7	1.9	0.05	47	35.3	0.01
ZZ78201		1.42	12.4	0.91	3.27	0.07	<0.02	0.07	0.018	0.08	4.3	0.9	0.03	16	28.3	0.01
ZZ78202		1.54	53.4	2.68	4.68	0.11	<0.02	0.11	0.060	0.19	6.0	1.3	0.03	64	106.5	0.01
ZZ78203		2.10	35.4	2.40	3.23	0.21	0.02	0.21	0.065	0.24	7.4	1.6	0.04	51	69.4	0.01
ZZ78204		1.77	8.1	0.89	2.46	0.08	<0.02	0.03	0.019	0.10	3.7	0.6	0.02	20	17.35	0.01
ZZ78205		0.98	15.5	0.93	2.15	<0.05	<0.02	0.03	0.021	0.06	3.0	1.1	0.03	62	15.80	0.01
ZZ78206		1.10	18.3	1.73	2.81	<0.05	<0.02	0.13	0.028	0.10	5.2	1.4	0.04	330	26.3	0.01
ZZ78207		1.09	17.6	2.36	4.03	<0.05	<0.02	0.08	0.029	0.07	7.9	6.6	0.16	201	11.40	0.01
ZZ78208		1.07	28.7	2.78	3.60	<0.05	0.03	0.14	0.035	0.06	12.1	10.3	0.22	619	7.12	0.01
ZZ78209		0.96	49.5	3.31	1.75	0.05	0.05	0.14	0.043	0.06	12.0	4.8	0.11	285	6.37	0.01
ZZ78210		0.93	25.2	2.01	3.53	<0.05	<0.02	0.11	0.027	0.06	6.8	3.9	0.10	210	6.37	0.01

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78171		0.49	57.0	1360	22.2	11.0	0.002	0.03	1.81	4.0	2.0	0.5	21.8	<0.01	0.09	2.3
ZZ78172		0.27	35.0	1020	13.9	10.2	<0.001	0.04	1.89	0.5	2.1	0.6	16.7	<0.01	0.05	<0.2
ZZ78173		0.51	22.3	1040	15.4	10.3	0.001	0.03	0.85	1.4	1.0	0.6	18.1	<0.01	0.05	0.6
ZZ78174		0.21	29.0	560	12.9	7.5	0.002	0.06	0.86	4.0	2.6	0.5	24.4	<0.01	0.04	0.9
ZZ78175		0.13	64.9	860	13.8	5.4	0.006	0.05	1.60	2.8	4.4	0.4	45.9	<0.01	0.07	0.8
ZZ78176		0.10	87.8	1440	71.0	6.5	0.001	0.10	1.28	6.2	1.8	0.4	161.0	<0.01	0.07	2.3
ZZ78177		0.34	86.2	1550	16.7	3.3	0.014	0.13	2.30	3.5	8.2	0.5	54.9	<0.01	0.23	1.0
ZZ78178		0.18	21.4	1220	5.0	3.4	0.002	0.22	0.54	0.9	5.6	<0.2	38.9	<0.01	0.04	0.3
ZZ78179		0.26	149.0	2430	21.0	5.4	0.006	0.12	3.62	3.8	9.6	0.7	81.1	<0.01	0.29	0.7
ZZ78180		0.17	74.3	1730	14.0	4.4	0.002	0.17	2.24	1.5	7.1	0.4	44.9	<0.01	0.19	0.4
ZZ78181		0.17	134.0	4130	15.1	7.9	0.005	0.12	3.59	4.3	9.3	0.6	161.0	<0.01	0.28	0.9
ZZ78182		0.31	28.4	1830	25.0	15.2	0.002	0.10	2.58	2.4	4.2	0.8	78.3	<0.01	0.39	0.8
ZZ78183		0.14	16.8	1410	15.5	7.9	0.001	0.12	1.87	1.3	7.3	0.4	59.3	<0.01	0.11	0.5
ZZ78184		0.28	51.8	1760	20.1	11.7	0.001	0.06	2.00	3.1	2.8	0.5	48.9	<0.01	0.12	1.3
ZZ78185		0.27	37.2	1410	19.1	9.4	0.001	0.10	1.27	2.7	1.5	0.4	21.8	<0.01	0.10	1.0
ZZ78186		0.36	78.4	1710	10.3	7.3	0.001	0.10	2.35	1.3	3.9	0.4	36.8	<0.01	0.07	0.4
ZZ78187		0.33	19.7	1580	7.8	2.6	<0.001	0.19	0.49	0.9	0.9	0.2	25.4	<0.01	0.06	0.3
ZZ78188		0.35	140.0	3830	13.9	8.0	0.001	0.13	2.30	3.0	3.1	0.5	65.5	<0.01	0.16	0.7
ZZ78189		0.20	85.5	1830	8.0	4.0	<0.001	0.03	1.63	2.1	1.8	0.3	110.0	<0.01	0.10	0.5
ZZ78190		0.23	100.5	1700	12.4	4.5	0.001	0.16	2.03	2.1	2.7	0.4	36.3	<0.01	0.18	0.5
ZZ78191		0.20	34.5	1740	6.1	2.3	0.001	0.22	0.92	0.6	1.8	0.2	31.9	<0.01	0.07	<0.2
ZZ78192		0.15	193.0	3090	9.6	5.9	0.005	0.15	3.29	2.4	11.6	0.4	126.5	<0.01	0.17	0.5
ZZ78193		0.20	185.0	3480	8.8	6.0	0.005	0.12	3.39	3.3	12.4	0.4	123.0	<0.01	0.12	0.7
ZZ78194		0.15	47.2	4010	13.6	7.2	0.013	0.15	4.33	0.8	15.7	0.7	107.0	<0.01	0.15	<0.2
ZZ78195		0.08	95.5	3470	12.7	7.8	0.014	0.14	5.14	2.4	15.9	0.8	140.0	<0.01	0.12	0.6
ZZ78196		0.08	47.0	7920	14.9	8.0	0.012	0.16	6.17	3.0	19.5	0.8	178.0	<0.01	0.17	1.1
ZZ78197		0.08	21.6	5540	9.6	5.7	0.014	0.13	3.38	0.5	18.6	0.5	111.0	<0.01	0.12	<0.2
ZZ78198		0.24	36.6	7280	18.4	10.5	0.006	0.20	16.95	1.1	28.0	0.8	134.5	<0.01	0.16	0.6
ZZ78199		0.13	8.4	1650	19.7	8.5	0.013	0.09	13.45	1.6	6.7	0.8	108.5	<0.01	0.12	0.6
ZZ78200		0.24	15.5	1000	18.9	10.1	0.001	0.18	6.49	0.3	7.0	1.2	45.5	<0.01	0.11	<0.2
ZZ78201		0.21	15.9	860	17.1	8.8	0.004	0.12	4.16	0.5	3.4	0.7	28.1	<0.01	0.06	0.2
ZZ78202		0.17	58.2	1380	34.4	19.4	0.004	0.42	14.75	2.0	14.3	1.3	70.9	<0.01	0.20	0.4
ZZ78203		0.31	32.9	840	37.2	17.8	0.003	0.49	27.9	2.1	24.7	1.3	110.0	<0.01	0.27	1.2
ZZ78204		0.11	6.8	670	16.0	10.8	0.001	0.11	1.22	0.2	2.1	0.6	16.5	<0.01	0.08	<0.2
ZZ78205		0.16	8.5	630	9.8	9.2	0.002	0.05	2.30	0.5	2.8	0.5	12.8	<0.01	0.10	<0.2
ZZ78206		0.14	8.8	650	14.8	12.6	0.002	0.16	2.01	0.2	2.2	0.7	29.5	<0.01	0.07	<0.2
ZZ78207		0.25	17.2	750	11.7	9.1	0.001	0.08	2.46	0.4	2.1	0.6	26.7	<0.01	0.08	<0.2
ZZ78208		0.25	33.0	2020	12.7	10.1	0.008	0.07	4.18	1.7	3.2	0.5	29.6	<0.01	0.06	0.4
ZZ78209		0.17	36.7	1640	16.9	5.9	0.001	0.05	1.96	3.9	1.9	0.3	34.5	<0.01	0.08	0.9
ZZ78210		0.07	21.1	1180	11.2	7.2	0.001	0.05	1.50	0.3	1.4	0.5	24.0	<0.01	0.06	<0.2

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Finalized Date: 1- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ78171		0.010	0.32	2.68	78	0.14	11.15	231	1.8
ZZ78172		0.011	0.26	1.15	83	0.18	3.23	172	<0.5
ZZ78173		0.013	0.29	0.78	65	0.16	2.92	102	<0.5
ZZ78174		<0.005	0.20	2.09	27	0.05	5.82	168	1.2
ZZ78175		<0.005	0.46	3.28	88	0.06	7.76	303	1.4
ZZ78176		<0.005	0.53	1.44	31	<0.05	23.6	808	1.2
ZZ78177		0.005	0.21	18.65	98	0.19	27.8	426	2.2
ZZ78178		0.008	0.08	2.25	20	0.05	8.61	589	1.9
ZZ78179		0.006	0.36	5.75	92	0.22	39.9	885	1.9
ZZ78180		<0.005	0.31	5.23	65	0.20	42.5	434	1.2
ZZ78181		0.005	0.31	8.64	85	0.20	39.1	707	1.9
ZZ78182		<0.005	0.36	1.91	153	0.19	6.52	116	1.0
ZZ78183		<0.005	0.42	1.78	70	0.14	5.90	63	0.5
ZZ78184		0.006	0.28	2.00	112	0.17	9.59	250	1.2
ZZ78185		0.007	0.17	1.00	76	0.11	5.97	169	0.9
ZZ78186		0.008	0.29	2.29	92	0.17	14.65	344	0.7
ZZ78187		0.012	0.10	1.08	23	0.05	6.24	95	1.6
ZZ78188		0.008	0.40	6.45	93	0.11	54.7	605	2.8
ZZ78189		0.008	0.27	3.29	54	0.14	27.9	408	1.0
ZZ78190		0.007	0.25	1.91	75	0.13	38.2	490	2.0
ZZ78191		0.007	0.17	4.09	34	0.05	17.75	223	1.0
ZZ78192		<0.005	1.88	6.43	86	0.12	50.2	1020	3.2
ZZ78193		0.006	1.76	6.75	85	0.11	48.7	1100	3.1
ZZ78194		0.005	1.33	11.80	109	0.30	32.0	286	<0.5
ZZ78195		<0.005	2.14	9.77	134	0.28	32.1	546	1.0
ZZ78196		0.006	1.30	11.50	156	0.33	23.9	247	<0.5
ZZ78197		0.005	0.32	8.47	106	0.18	15.85	106	<0.5
ZZ78198		0.011	1.20	14.45	435	0.34	23.7	122	1.8
ZZ78199		0.006	1.63	20.6	301	0.25	14.65	14	0.9
ZZ78200		0.009	1.92	2.69	210	0.26	4.13	83	<0.5
ZZ78201		0.008	2.14	3.59	204	0.23	3.64	31	<0.5
ZZ78202		0.006	4.05	8.46	624	0.44	11.45	393	<0.5
ZZ78203		0.009	3.88	4.80	478	0.54	8.62	204	0.6
ZZ78204		0.006	2.16	0.78	76	0.12	1.69	33	<0.5
ZZ78205		0.008	0.50	1.28	105	0.11	2.01	41	<0.5
ZZ78206		0.009	2.12	3.04	121	0.22	2.65	48	<0.5
ZZ78207		0.013	0.81	1.80	129	0.20	4.85	89	<0.5
ZZ78208		0.012	0.43	6.18	134	0.19	16.60	192	0.8
ZZ78209		0.006	0.30	1.33	49	0.09	14.45	148	1.3
ZZ78210		<0.005	0.36	1.21	78	0.31	5.77	96	<0.5

***** See Appendix Page for comments regarding this certificate *****

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Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description / Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78211	0.23	0.006	0.62	0.28	22.2	<0.2	<10	130	0.78	0.19	0.78	0.95	21.3	13.4	7
ZZ78212	0.19	0.010	0.76	0.28	18.3	<0.2	<10	140	0.84	0.17	1.06	1.51	21.4	12.3	9
ZZ78213	0.25	0.011	0.84	0.34	18.1	<0.2	<10	180	0.85	0.19	1.17	0.86	24.3	12.9	10
ZZ78214	0.18	0.008	0.87	0.36	17.8	<0.2	<10	200	0.96	0.19	0.76	1.46	28.5	16.1	14
ZZ78215	0.33	0.006	1.03	0.34	23.7	<0.2	<10	150	0.99	0.21	0.91	2.34	25.6	17.7	13
ZZ78216	0.24	0.008	0.90	0.28	21.3	<0.2	<10	190	0.93	0.19	1.94	1.45	18.40	14.0	9
ZZ78217	0.24	0.018	0.64	0.50	21.2	<0.2	<10	230	0.74	0.18	0.65	0.69	48.7	17.9	15
ZZ78218	0.23	0.037	1.46	0.55	22.7	<0.2	<10	330	0.64	0.20	1.15	1.84	39.3	14.2	11
ZZ78219	0.28	0.019	0.36	1.01	6.9	<0.2	<10	170	0.63	0.18	0.41	0.49	42.2	18.2	15
ZZ78220	0.28	0.002	0.28	1.48	16.7	<0.2	<10	170	0.94	0.21	0.69	0.33	53.0	20.9	24
ZZ78221	0.21	0.003	0.10	1.77	9.2	<0.2	<10	160	0.58	0.23	0.14	0.35	29.6	11.2	35
ZZ78222	0.22	0.002	0.08	1.88	14.6	<0.2	<10	170	0.79	0.23	0.08	0.99	37.6	17.4	34
ZZ78223	0.20	0.001	0.13	1.48	13.5	<0.2	<10	220	0.47	0.29	0.15	0.49	22.6	7.5	34
ZZ78224	0.29	0.002	0.08	1.76	15.6	<0.2	<10	110	0.46	0.22	0.26	0.42	29.0	13.0	41
ZZ78225	0.26	0.001	0.20	2.13	15.6	<0.2	<10	90	1.07	0.18	0.17	0.65	116.0	22.5	20
ZZ78226	0.35	0.003	0.22	1.35	12.1	<0.2	<10	240	0.68	0.26	0.45	0.39	34.3	9.7	27
ZZ78227	0.42	0.001	0.09	1.27	32.1	<0.2	<10	550	1.00	0.24	0.25	0.53	77.1	27.4	27
ZZ78228	0.43	0.004	0.38	0.72	14.6	<0.2	<10	180	0.87	0.43	0.26	0.50	35.5	19.3	11
ZZ78229	0.41	0.001	0.23	0.35	19.1	<0.2	<10	210	0.81	0.25	0.32	0.79	78.4	18.2	9
ZZ78230	0.33	0.003	0.08	1.28	21.9	<0.2	<10	190	0.59	0.22	0.23	0.54	36.7	8.9	31
ZZ78231	0.40	0.005	0.93	1.32	18.6	<0.2	<10	1000	1.02	0.17	0.50	2.55	49.7	13.4	25
ZZ78232	0.13	0.003	0.48	1.08	13.6	<0.2	<10	1140	0.84	0.23	2.10	1.44	12.05	8.8	23
ZZ78233	0.10	0.002	0.54	0.95	9.6	<0.2	<10	1370	0.70	0.20	3.35	1.43	11.95	8.3	21
ZZ78234	0.18	0.003	0.58	0.96	10.1	<0.2	<10	1100	0.65	0.19	2.95	1.79	12.40	8.5	23
ZZ78235	0.28	0.003	0.49	1.25	11.0	<0.2	<10	1590	0.82	0.22	3.41	2.69	18.40	12.2	31
ZZ78236	0.13	0.004	0.09	0.58	2.4	<0.2	<10	300	0.28	0.11	3.07	2.35	8.01	3.4	9
ZZ78237	0.28	0.004	0.69	1.15	16.9	<0.2	<10	1980	0.78	0.21	4.11	3.45	17.40	12.4	29
ZZ78238	0.15	0.002	0.45	0.73	6.4	<0.2	<10	1460	0.45	0.12	4.06	2.95	10.75	6.8	18
ZZ78239	0.16	0.005	1.78	0.79	23.4	<0.2	<10	2530	0.62	0.15	3.22	3.06	13.05	11.9	25
ZZ78240	0.11	0.001	0.18	0.45	4.1	<0.2	<10	2380	0.16	0.08	3.26	2.20	4.78	2.7	6
ZZ78241	0.21	0.002	0.18	1.69	12.3	<0.2	<10	2010	0.70	0.28	1.65	0.28	17.90	9.1	24
ZZ78242	0.10	0.002	0.08	0.73	3.6	<0.2	<10	590	0.30	0.12	3.91	2.45	9.36	4.9	11
ZZ78243	0.14	0.003	0.14	1.20	7.5	<0.2	<10	480	0.53	0.20	2.70	1.78	10.80	6.1	16
ZZ78244	0.32	0.001	0.16	1.53	13.5	<0.2	<10	2980	1.03	0.29	0.59	0.47	11.70	11.9	23
ZZ78245	0.24	0.004	1.57	0.81	13.8	<0.2	<10	1000	0.75	0.24	2.27	4.68	9.23	9.4	24
ZZ78246	0.27	0.007	3.89	0.68	17.9	<0.2	<10	1470	0.64	0.23	3.39	10.05	9.97	9.8	39
ZZ78247	0.26	0.002	0.42	0.80	13.5	<0.2	<10	830	0.69	0.33	1.49	5.33	10.90	21.3	20
ZZ78248	0.30	0.001	0.11	0.63	11.9	<0.2	<10	300	1.12	0.30	0.63	0.94	8.32	18.2	8
ZZ78249	0.13	0.003	0.72	1.10	12.5	<0.2	<10	980	0.76	0.22	2.99	5.04	12.00	19.0	21
ZZ78250	0.13	0.003	0.29	0.54	10.9	<0.2	<10	700	0.61	0.24	2.23	1.84	6.85	8.2	11

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78211		0.64	67.4	3.38	0.79	0.05	0.08	0.31	0.044	0.06	10.8	1.7	0.07	275	6.57	0.01
ZZ78212		1.05	72.8	3.32	0.82	0.05	0.12	0.20	0.046	0.06	11.0	2.1	0.08	267	6.82	0.01
ZZ78213		0.76	75.4	3.34	0.99	0.06	0.09	0.26	0.046	0.08	13.2	2.5	0.08	257	6.60	0.01
ZZ78214		0.67	73.9	4.24	1.10	0.06	0.06	0.22	0.047	0.08	14.7	2.6	0.08	527	7.32	0.01
ZZ78215		1.24	76.5	4.04	1.04	0.06	0.14	0.23	0.050	0.07	12.8	3.6	0.10	434	12.45	0.01
ZZ78216		0.92	81.5	3.50	0.81	0.06	0.10	0.25	0.045	0.07	9.0	1.8	0.35	317	9.74	0.01
ZZ78217		1.37	86.3	3.85	1.53	0.08	0.09	0.30	0.044	0.13	29.1	4.8	0.09	405	5.45	0.01
ZZ78218		1.81	192.0	2.97	1.95	0.07	0.05	0.50	0.045	0.17	25.9	8.2	0.12	829	7.99	0.01
ZZ78219		2.84	99.5	3.39	2.94	0.07	0.04	0.10	0.045	0.19	22.7	21.6	0.41	917	1.58	0.01
ZZ78220		2.25	48.8	4.81	4.52	0.09	0.09	0.08	0.044	0.10	28.5	30.0	0.77	499	5.73	0.01
ZZ78221		2.25	21.2	3.57	6.92	0.05	<0.02	0.04	0.034	0.07	14.8	15.0	0.33	743	2.66	0.01
ZZ78222		1.86	28.2	4.48	5.38	0.05	0.02	0.05	0.040	0.07	16.9	17.5	0.35	879	3.74	0.01
ZZ78223		1.57	16.2	3.68	6.21	<0.05	<0.02	0.05	0.032	0.06	11.5	12.4	0.22	396	3.52	0.01
ZZ78224		1.73	22.4	5.01	6.73	<0.05	<0.02	0.06	0.039	0.11	13.7	14.8	0.37	559	2.98	0.01
ZZ78225		3.77	45.8	5.79	6.99	0.12	0.09	0.10	0.064	0.10	56.7	29.5	0.65	656	3.57	0.01
ZZ78226		2.03	18.5	2.91	4.08	0.05	0.06	0.05	0.029	0.06	16.2	25.3	0.45	388	2.98	0.01
ZZ78227		1.23	57.1	4.70	3.04	0.08	0.03	0.05	0.056	0.07	31.3	12.6	0.16	2470	11.70	0.01
ZZ78228		2.93	70.1	2.70	1.81	0.05	0.05	0.05	0.025	0.13	14.7	10.7	0.21	132	2.43	0.01
ZZ78229		1.10	79.4	4.99	1.46	0.11	0.02	0.40	0.051	0.11	41.6	2.3	0.06	286	7.96	0.01
ZZ78230		1.05	37.7	4.32	4.07	<0.05	0.02	0.04	0.041	0.08	13.4	16.8	0.34	457	3.92	0.01
ZZ78231		0.80	30.5	2.77	2.80	0.10	0.06	0.16	0.032	0.06	28.3	12.8	0.30	700	8.38	0.01
ZZ78232		0.60	26.9	2.25	3.00	<0.05	0.05	0.10	0.034	0.06	6.5	10.9	0.25	400	3.47	0.01
ZZ78233		0.53	23.5	1.80	2.65	0.05	0.04	0.14	0.030	0.04	8.4	8.3	0.21	463	2.44	<0.01
ZZ78234		0.43	22.3	1.75	2.67	<0.05	0.04	0.12	0.027	0.05	9.0	9.1	0.23	432	1.80	0.01
ZZ78235		0.54	24.3	2.48	3.30	0.05	0.05	0.11	0.035	0.05	14.3	12.4	0.34	503	3.27	<0.01
ZZ78236		0.42	10.1	0.87	1.51	<0.05	0.02	0.13	0.017	0.03	7.4	0.9	0.03	177	1.14	0.02
ZZ78237		0.61	35.6	2.87	3.21	0.05	0.06	0.14	0.035	0.07	11.7	13.5	0.38	362	10.05	<0.01
ZZ78238		0.50	22.9	1.46	2.02	<0.05	0.05	0.14	0.020	0.04	7.7	7.1	0.22	347	1.00	<0.01
ZZ78239		0.51	35.3	2.10	2.31	0.06	0.05	0.22	0.024	0.06	12.1	7.6	0.37	556	18.25	0.01
ZZ78240		0.25	9.2	0.64	1.33	<0.05	0.03	0.17	0.014	0.02	3.2	0.6	0.03	71	5.70	0.01
ZZ78241		1.11	19.4	2.78	6.01	0.09	0.02	0.05	0.031	0.04	8.5	13.6	0.28	464	4.38	0.01
ZZ78242		0.43	9.6	1.13	1.93	0.09	0.03	0.10	0.016	0.03	8.1	2.8	0.08	262	0.98	0.02
ZZ78243		0.76	13.9	1.86	3.17	0.09	0.04	0.11	0.025	0.05	8.3	6.7	0.15	193	1.41	0.02
ZZ78244		1.58	25.2	3.66	4.24	0.08	0.07	0.03	0.039	0.07	5.5	17.1	0.35	352	3.88	0.01
ZZ78245		1.05	45.2	2.43	2.04	0.11	0.08	0.14	0.038	0.08	7.3	6.4	0.17	167	6.97	0.01
ZZ78246		0.69	67.5	2.30	1.95	0.14	0.06	0.43	0.044	0.08	9.1	3.1	0.06	152	11.95	0.01
ZZ78247		1.27	36.4	3.20	2.28	0.11	0.08	0.15	0.044	0.11	8.2	5.0	0.08	335	5.14	0.02
ZZ78248		1.66	33.9	3.69	1.20	0.09	0.04	0.05	0.046	0.09	3.2	3.9	0.06	598	2.15	0.01
ZZ78249		0.62	35.7	3.08	2.53	0.10	0.05	0.16	0.033	0.06	9.4	7.7	0.17	440	3.20	0.01
ZZ78250		0.51	24.7	2.23	1.69	0.09	0.05	0.10	0.046	0.06	3.5	3.4	0.05	193	2.36	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78211		0.07	39.0	1410	21.5	4.0	0.002	0.05	2.08	5.8	1.9	0.2	32.8	<0.01	0.08	1.6
ZZ78212		0.07	41.1	1830	19.6	4.2	0.003	0.07	2.24	6.6	2.8	0.3	42.9	<0.01	0.08	1.5
ZZ78213		0.08	42.8	1810	19.5	4.6	0.002	0.07	2.20	6.4	2.3	0.3	46.4	0.01	0.08	1.4
ZZ78214		0.09	52.7	1590	21.6	4.3	0.001	0.03	2.15	9.1	2.5	0.3	42.0	<0.01	0.09	2.4
ZZ78215		0.08	61.7	1380	24.4	3.9	0.001	0.03	3.21	11.6	1.9	0.4	50.3	<0.01	0.09	4.2
ZZ78216		0.06	56.7	1620	23.1	3.6	0.002	0.05	2.58	8.2	2.1	0.3	64.9	<0.01	0.06	2.7
ZZ78217		0.14	48.0	2050	17.9	7.1	0.002	0.05	1.99	7.1	2.4	0.3	38.0	<0.01	0.07	2.1
ZZ78218		0.16	39.7	2640	18.3	8.4	0.002	0.12	4.91	5.2	4.7	0.4	67.4	<0.01	0.13	1.4
ZZ78219		0.12	27.9	1810	15.5	11.5	0.001	0.02	1.14	5.5	1.5	0.4	19.8	<0.01	0.11	2.2
ZZ78220		0.15	61.2	1280	24.5	8.7	0.001	0.04	0.90	5.6	1.3	0.5	26.4	<0.01	0.03	2.7
ZZ78221		0.23	18.7	1890	14.0	12.1	0.001	0.08	0.91	0.6	1.0	0.7	14.5	<0.01	0.04	0.2
ZZ78222		0.36	27.0	1920	20.8	11.8	<0.001	0.05	1.13	1.1	1.2	0.6	10.7	<0.01	0.05	0.4
ZZ78223		0.83	20.9	920	16.4	11.8	<0.001	0.03	0.98	1.5	1.0	0.7	17.9	<0.01	0.05	0.5
ZZ78224		0.31	23.3	2330	13.7	10.3	<0.001	0.11	0.96	0.6	1.1	0.6	29.5	<0.01	0.05	0.2
ZZ78225		0.41	29.3	1710	29.4	11.7	0.002	0.07	1.36	4.1	2.0	0.8	14.7	<0.01	0.04	5.2
ZZ78226		0.74	28.5	730	13.9	13.0	0.001	0.02	1.14	3.8	1.2	0.5	37.1	<0.01	0.03	2.3
ZZ78227		0.20	64.9	1260	20.7	9.4	0.001	0.02	1.52	5.5	1.7	0.5	24.7	<0.01	0.06	2.6
ZZ78228		0.09	30.2	280	22.6	9.3	0.002	0.02	0.68	3.3	1.4	0.3	17.7	<0.01	1.10	2.3
ZZ78229		0.05	55.1	1370	34.9	6.7	0.001	0.01	1.90	6.8	2.1	0.4	17.4	<0.01	0.03	4.1
ZZ78230		0.28	28.3	1480	18.1	9.6	0.001	0.04	1.27	1.8	1.5	0.4	22.2	<0.01	0.06	0.6
ZZ78231		0.42	54.0	1450	12.9	7.1	0.001	0.05	1.96	6.6	3.1	0.4	42.6	<0.01	0.09	3.0
ZZ78232		0.34	29.2	940	13.8	6.4	0.007	0.11	1.04	3.0	3.4	0.4	34.0	<0.01	0.06	0.8
ZZ78233		0.38	26.4	1060	12.3	4.5	0.008	0.16	1.03	2.3	4.0	0.4	38.1	<0.01	0.07	0.5
ZZ78234		0.39	29.4	1170	11.2	5.4	0.008	0.14	1.15	2.3	4.1	0.4	38.3	<0.01	0.05	0.5
ZZ78235		0.45	42.8	1600	13.0	5.5	0.001	0.11	0.78	3.0	2.7	0.4	43.9	<0.01	0.07	0.7
ZZ78236		0.30	10.1	1130	6.4	3.3	<0.001	0.21	0.35	1.0	1.1	0.2	26.8	<0.01	0.05	<0.2
ZZ78237		0.43	74.2	1830	12.9	5.8	0.001	0.11	1.62	3.6	3.0	0.5	57.4	<0.01	0.12	1.1
ZZ78238		0.34	30.6	1310	7.6	4.7	0.003	0.17	0.64	2.2	2.9	0.3	46.3	<0.01	0.07	0.6
ZZ78239		0.27	74.1	2610	11.0	4.8	0.016	0.18	2.59	2.4	9.2	0.4	68.7	<0.01	0.11	0.5
ZZ78240		0.27	10.6	1060	4.6	1.0	<0.001	0.21	0.46	1.1	1.9	0.2	33.1	<0.01	0.03	<0.2
ZZ78241		0.59	18.9	1280	15.8	5.7	<0.001	0.08	0.62	1.8	0.9	0.7	29.5	<0.01	0.07	0.4
ZZ78242		0.36	8.9	1740	7.0	3.1	<0.001	0.21	0.37	1.0	0.8	0.2	32.2	<0.01	0.05	0.2
ZZ78243		0.45	18.4	1110	9.9	5.7	<0.001	0.16	0.55	1.5	1.5	0.4	25.4	<0.01	0.06	0.3
ZZ78244		0.22	38.1	800	17.5	13.1	<0.001	0.07	0.58	5.0	1.0	0.5	17.7	<0.01	0.04	1.7
ZZ78245		0.11	82.7	2690	15.3	8.4	0.004	0.17	2.39	3.3	7.2	0.4	79.3	<0.01	0.11	0.9
ZZ78246		0.13	118.5	3590	14.8	6.7	0.006	0.22	3.61	2.4	13.6	0.5	108.0	<0.01	0.20	0.5
ZZ78247		0.16	123.5	2530	22.3	9.4	0.002	0.18	1.48	3.6	5.5	0.5	47.1	<0.01	0.37	1.0
ZZ78248		<0.05	53.9	880	19.4	7.9	0.001	0.12	0.47	6.3	1.3	0.3	29.6	<0.01	0.06	2.2
ZZ78249		0.30	99.4	2590	13.8	5.5	0.001	0.18	1.49	2.2	3.3	0.4	47.2	<0.01	0.23	0.5
ZZ78250		0.11	35.0	1170	16.4	5.3	0.001	0.16	0.71	3.7	1.6	0.3	48.7	<0.01	0.06	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78211		<0.005	0.13	1.05	26	<0.05	16.80	165	2.4
ZZ78212		<0.005	0.14	1.42	33	<0.05	21.3	194	3.2
ZZ78213		<0.005	0.13	1.55	35	<0.05	20.7	170	2.8
ZZ78214		<0.005	0.15	1.25	42	<0.05	22.9	195	2.2
ZZ78215		<0.005	0.23	1.47	48	<0.05	23.4	269	8.6
ZZ78216		<0.005	0.22	1.30	39	<0.05	21.7	225	4.8
ZZ78217		<0.005	0.18	1.68	29	<0.05	21.5	145	2.7
ZZ78218		0.005	0.27	2.61	43	<0.05	27.3	201	1.6
ZZ78219		0.005	0.10	0.95	30	<0.05	14.65	127	1.0
ZZ78220		0.005	0.20	0.79	35	<0.05	17.65	121	2.6
ZZ78221		0.007	0.20	0.59	71	0.10	4.15	86	<0.5
ZZ78222		0.010	0.21	0.92	55	0.12	5.63	108	0.5
ZZ78223		0.029	0.21	0.72	76	0.26	2.91	98	<0.5
ZZ78224		0.011	0.19	0.60	66	0.13	2.35	114	<0.5
ZZ78225		0.007	0.16	0.54	57	0.05	10.70	162	2.0
ZZ78226		0.029	0.29	1.81	56	0.21	9.27	107	1.4
ZZ78227		<0.005	0.33	0.94	59	0.05	13.45	195	1.0
ZZ78228		<0.005	0.17	1.35	21	<0.05	10.40	120	1.4
ZZ78229		<0.005	0.21	1.08	29	<0.05	23.3	189	0.6
ZZ78230		0.010	0.17	1.53	75	0.15	8.10	145	<0.5
ZZ78231		0.017	0.41	2.99	82	0.16	40.2	189	1.6
ZZ78232		0.005	0.16	3.10	64	0.08	14.15	149	1.5
ZZ78233		0.005	0.13	6.32	64	0.07	18.95	110	1.6
ZZ78234		0.007	0.13	7.51	87	0.09	20.4	149	1.3
ZZ78235		0.011	0.11	3.61	64	0.25	33.9	253	1.3
ZZ78236		0.014	0.06	1.85	19	0.06	15.35	105	0.9
ZZ78237		0.013	0.18	3.83	72	0.16	26.2	391	1.6
ZZ78238		0.009	0.15	4.28	49	0.11	17.90	219	1.7
ZZ78239		0.009	0.32	8.56	74	0.18	28.0	343	1.6
ZZ78240		0.014	0.08	2.80	14	0.05	5.09	115	1.0
ZZ78241		0.010	0.15	1.33	69	0.16	6.61	67	0.6
ZZ78242		0.011	0.06	1.98	30	0.05	18.15	120	1.0
ZZ78243		0.007	0.12	4.38	38	0.07	15.25	80	1.5
ZZ78244		<0.005	0.18	1.25	46	0.07	11.65	134	1.5
ZZ78245		<0.005	0.43	5.27	84	0.08	24.4	380	2.5
ZZ78246		<0.005	1.56	6.74	113	0.16	34.0	579	2.3
ZZ78247		<0.005	0.55	2.96	55	0.06	27.4	623	2.3
ZZ78248		<0.005	0.16	0.89	20	<0.05	12.50	145	1.4
ZZ78249		0.005	0.33	2.50	64	0.10	29.7	372	1.6
ZZ78250		<0.005	0.39	1.12	28	<0.05	8.91	153	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ78251		0.40	0.003	0.14	0.29	9.4	<0.2	<10	260	0.21	0.34	0.35	0.12	6.95	1.5	7
ZZ78252		0.30	0.002	0.14	0.37	10.3	<0.2	<10	420	0.49	0.34	0.74	0.96	6.62	7.5	8
ZZ78253		0.17	0.003	0.54	1.12	24.9	<0.2	<10	730	0.78	0.31	5.57	6.19	19.25	68.4	25
ZZ78254		0.30	0.003	0.19	0.24	10.7	<0.2	<10	530	0.16	0.37	0.33	0.58	5.05	3.9	9
ZZ78255		0.28	0.003	0.69	0.81	16.0	<0.2	<10	1560	0.66	0.27	6.10	13.85	14.75	22.1	22
ZZ78256		0.30	0.005	1.46	1.66	22.7	<0.2	<10	1740	1.22	0.26	0.92	16.75	22.4	18.1	35
ZZ78257		0.24	0.003	1.34	2.87	33.6	<0.2	<10	2910	2.53	0.21	1.02	41.9	17.75	24.5	36
ZZ78258		0.35	0.007	1.43	2.96	44.1	<0.2	<10	2530	4.36	0.27	1.24	44.7	17.65	63.3	35
ZZ78259		0.29	0.006	9.38	1.36	103.5	<0.2	<10	1950	2.54	0.44	0.31	12.25	16.60	5.6	136
ZZ78260		0.19	<0.001	0.88	0.83	15.5	<0.2	<10	1980	0.55	0.17	1.11	2.22	12.65	3.5	18
ZZ78261		0.35	0.001	0.83	0.33	20.8	<0.2	<10	480	0.19	0.25	0.02	0.46	7.01	1.4	11
ZZ78262		0.36	0.004	0.44	0.78	21.1	<0.2	<10	360	0.30	0.27	0.03	0.33	12.45	3.1	16
ZZ78263		0.23	0.002	0.24	1.26	14.1	<0.2	<10	650	0.40	0.28	0.09	0.38	14.90	7.0	23
ZZ78264		0.24	0.002	0.23	0.60	10.0	<0.2	<10	530	0.64	0.29	0.08	0.23	9.32	6.8	11
ZZ78265		0.32	0.003	0.24	1.05	16.6	<0.2	<10	520	0.90	0.31	0.11	1.13	14.35	11.3	19
ZZ78266		0.28	0.010	0.82	0.33	19.1	<0.2	<10	200	0.84	0.20	1.31	3.95	19.55	18.2	15
ZZ78267		0.21	0.009	0.80	0.36	20.9	<0.2	<10	190	0.78	0.23	0.91	1.36	22.6	13.1	8
ZZ78268		0.31	0.009	0.81	0.34	18.8	<0.2	<10	180	0.78	0.23	0.72	1.43	25.2	14.7	8
ZZ78269		0.32	0.012	1.06	0.34	17.9	<0.2	<10	160	0.80	0.23	0.85	1.21	31.2	18.4	8
ZZ78270		0.29	0.011	0.91	0.31	29.1	<0.2	<10	120	0.90	0.25	0.76	1.02	27.5	25.0	10
ZZ78271		0.18	0.006	0.48	0.42	20.2	<0.2	<10	150	0.52	0.13	2.38	0.44	21.0	12.4	11
ZZ78272		0.35	0.002	0.39	0.45	60.9	<0.2	<10	200	0.88	0.16	1.01	0.58	69.9	36.7	23
ZZ78273		0.20	0.003	0.07	1.38	13.2	<0.2	<10	440	0.72	0.11	0.50	0.18	69.6	21.1	29
ZZ78274		0.23	0.001	0.03	1.21	17.5	<0.2	<10	140	0.58	0.12	0.28	0.20	55.6	18.5	21
ZZ78275		0.28	0.003	0.49	0.97	18.6	<0.2	<10	400	0.85	0.12	0.73	0.28	78.4	31.5	48
ZZ78276		0.28	0.005	0.99	1.31	14.4	<0.2	<10	690	0.89	0.24	0.64	0.87	48.2	13.2	20
ZZ78277		0.16	0.005	0.49	0.46	12.5	<0.2	<10	260	0.51	0.12	1.82	0.48	27.9	9.1	7
ZZ78278		0.39	0.011	0.59	0.30	16.8	<0.2	<10	150	0.72	0.24	0.88	0.53	30.1	19.0	8
ZZ78279		0.42	0.014	0.91	0.23	19.5	<0.2	<10	130	0.67	0.23	1.73	1.26	19.90	19.9	5
ZZ78280		0.33	0.009	1.01	0.27	21.4	<0.2	<10	130	0.69	0.20	1.65	1.66	19.20	15.5	6
ZZ78281		0.25	0.010	0.84	0.27	17.1	<0.2	<10	100	0.71	0.20	1.21	1.20	19.65	17.3	6
ZZ78282		0.34	0.009	0.79	0.32	18.0	<0.2	<10	140	0.78	0.18	1.20	1.21	24.7	18.0	7
ZZ78283		0.26	0.006	0.64	0.44	21.2	<0.2	<10	510	0.77	0.19	0.70	1.05	22.6	14.5	9
ZZ78284		0.30	0.002	0.88	2.02	17.9	<0.2	<10	690	1.01	0.25	0.11	0.58	24.5	17.2	31
ZZ78285		0.30	0.004	2.54	1.72	17.1	<0.2	<10	990	0.89	0.28	0.18	0.86	20.4	11.1	33
ZZ78286		0.26	0.004	2.47	0.92	15.2	<0.2	<10	1380	0.51	0.26	0.15	0.37	15.70	2.9	37
ZZ78287		0.26	0.003	0.42	1.71	18.7	<0.2	<10	1290	0.74	0.27	0.73	0.41	17.15	10.8	30
ZZ78288		0.26	0.004	0.32	1.69	18.7	<0.2	<10	1830	0.86	0.23	0.54	0.69	19.80	14.7	29
ZZ78289		0.16	0.003	0.82	1.78	21.9	<0.2	<10	1860	0.86	0.23	1.27	2.08	16.90	11.9	36
ZZ78290		0.21	0.015	2.03	0.94	15.3	<0.2	<10	3290	0.61	0.19	1.02	1.39	12.75	8.4	30

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78251	1.17	9.0	1.73	1.86	0.07	0.02	0.12	0.042	0.14	3.1	2.2	0.01	15	2.21	0.02
ZZ78252	1.86	25.4	3.39	1.55	0.08	0.02	0.10	0.047	0.16	3.1	4.0	0.05	105	2.67	0.03
ZZ78253	0.76	57.4	5.43	2.20	0.12	0.06	0.11	0.036	0.07	14.0	6.4	0.27	684	5.11	0.02
ZZ78254	2.38	8.7	2.07	1.59	0.08	0.04	0.10	0.029	0.15	2.7	2.4	0.02	57	3.54	0.02
ZZ78255	0.93	46.1	3.81	1.79	0.12	0.05	0.16	0.031	0.08	11.3	5.1	0.16	346	6.45	0.01
ZZ78256	1.01	75.1	3.55	3.60	0.11	0.07	0.24	0.041	0.09	14.2	11.0	0.32	439	8.89	0.01
ZZ78257	1.42	150.5	5.56	3.23	0.13	0.12	0.26	0.042	0.08	14.8	9.7	0.18	345	15.25	<0.01
ZZ78258	1.67	152.0	8.11	2.29	0.18	0.16	1.00	0.059	0.07	15.1	9.4	0.09	421	19.55	<0.01
ZZ78259	0.87	253	5.25	3.15	0.25	0.04	0.52	0.081	0.13	15.3	2.4	0.03	71	58.6	0.01
ZZ78260	0.72	15.9	1.29	2.68	0.08	0.02	0.19	0.024	0.04	6.7	2.6	0.03	98	10.20	0.01
ZZ78261	0.73	13.0	1.41	2.42	0.09	<0.02	0.11	0.021	0.10	3.5	0.9	0.02	26	36.0	0.01
ZZ78262	1.04	21.0	2.04	3.45	0.08	<0.02	0.12	0.031	0.11	6.7	2.9	0.08	95	23.5	0.01
ZZ78263	1.79	21.9	2.70	5.12	0.09	<0.02	0.05	0.028	0.06	7.4	6.1	0.16	382	4.30	0.01
ZZ78264	1.57	36.4	2.37	2.03	0.08	<0.02	0.07	0.039	0.08	4.4	4.4	0.07	86	4.00	0.01
ZZ78265	1.89	40.2	3.41	3.11	0.09	0.02	0.05	0.048	0.09	7.0	11.6	0.21	300	5.17	0.01
ZZ78266	0.50	80.3	3.53	0.95	0.11	0.04	0.27	0.043	0.07	9.1	2.0	0.26	455	10.60	0.01
ZZ78267	0.61	72.1	3.32	0.92	0.11	0.08	0.24	0.040	0.06	10.7	2.3	0.07	252	6.80	0.01
ZZ78268	0.57	67.3	3.18	0.86	0.11	0.10	0.19	0.042	0.07	12.4	2.0	0.06	258	6.35	0.01
ZZ78269	1.00	86.4	3.73	0.88	0.13	0.06	0.27	0.047	0.08	14.8	2.0	0.12	434	7.07	0.01
ZZ78270	2.53	83.1	5.20	0.89	0.13	0.08	0.41	0.046	0.10	14.0	1.4	0.08	455	7.66	0.01
ZZ78271	2.09	34.6	2.90	1.10	0.11	0.09	0.45	0.027	0.09	13.7	2.1	0.19	245	3.04	0.01
ZZ78272	5.75	54.4	6.53	1.62	0.15	0.07	0.76	0.050	0.19	38.7	3.4	0.16	493	3.74	0.01
ZZ78273	3.78	20.5	5.18	6.62	0.13	0.02	0.05	0.053	0.15	34.6	18.0	0.26	644	1.47	0.01
ZZ78274	1.67	19.4	5.26	5.39	0.11	0.02	0.07	0.040	0.13	29.6	8.6	0.17	229	1.91	0.01
ZZ78275	2.39	50.5	5.14	2.68	0.15	0.03	0.39	0.047	0.16	42.3	7.7	0.14	739	2.63	0.01
ZZ78276	1.59	37.4	3.72	3.42	0.12	0.03	0.25	0.045	0.09	26.1	6.5	0.15	400	5.02	0.01
ZZ78277	0.39	31.0	2.22	1.33	0.10	0.09	0.15	0.028	0.06	13.9	2.9	0.07	380	4.93	0.01
ZZ78278	1.84	77.6	4.57	0.94	0.11	<0.02	0.37	0.048	0.10	14.3	2.4	0.28	350	4.51	0.01
ZZ78279	1.84	103.0	3.93	0.66	0.11	0.26	0.25	0.044	0.09	8.1	1.4	0.44	420	8.23	0.01
ZZ78280	1.27	84.6	3.72	0.71	0.11	0.07	0.18	0.045	0.09	8.1	1.4	0.44	301	8.71	0.01
ZZ78281	1.31	78.4	3.64	0.66	0.12	0.06	0.17	0.044	0.09	8.6	1.3	0.19	323	7.44	0.01
ZZ78282	1.16	76.6	3.69	0.78	0.12	0.06	0.15	0.043	0.10	10.8	1.5	0.20	373	8.07	0.01
ZZ78283	0.52	64.5	3.46	1.08	0.11	0.10	0.15	0.044	0.07	10.1	3.2	0.09	273	7.96	0.01
ZZ78284	1.64	34.1	3.91	5.16	0.09	0.08	0.06	0.046	0.07	9.4	34.0	0.47	562	7.46	0.01
ZZ78285	1.48	39.0	3.83	4.35	0.10	0.05	0.08	0.043	0.12	9.7	23.9	0.39	405	12.45	0.01
ZZ78286	0.91	30.1	2.32	3.31	0.12	<0.02	0.10	0.041	0.08	9.7	3.8	0.09	87	10.85	0.01
ZZ78287	1.76	40.9	3.70	5.67	0.09	0.05	0.10	0.041	0.07	8.3	17.1	0.36	473	3.93	0.01
ZZ78288	1.39	36.4	3.73	4.74	0.09	0.06	0.08	0.037	0.06	8.5	23.2	0.47	707	3.27	0.01
ZZ78289	2.30	71.5	3.62	4.65	0.10	0.07	0.15	0.040	0.07	10.1	15.7	0.34	330	7.38	0.01
ZZ78290	0.93	47.3	2.21	2.57	0.10	0.06	0.30	0.036	0.06	8.0	9.7	0.23	527	5.95	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78251		<0.05	5.2	340	24.4	10.4	0.002	0.33	0.48	2.6	0.8	0.3	65.2	<0.01	0.06	1.5
ZZ78252		<0.05	34.2	650	26.5	13.5	<0.001	0.42	0.58	3.6	0.7	0.4	72.5	<0.01	0.07	1.9
ZZ78253		0.30	184.0	3390	18.0	6.8	0.001	0.12	2.61	3.5	3.5	0.5	64.2	<0.01	0.51	1.2
ZZ78254		<0.05	21.4	430	26.3	12.5	<0.001	0.36	0.67	1.5	0.5	0.8	33.6	<0.01	0.13	1.8
ZZ78255		0.22	139.5	3820	19.1	8.5	0.001	0.12	2.81	2.5	3.8	0.4	87.3	<0.01	0.48	0.7
ZZ78256		0.45	199.5	2470	13.9	8.3	0.001	0.08	2.90	4.0	4.9	0.6	80.3	<0.01	0.13	1.3
ZZ78257		0.39	442	3710	12.4	10.3	0.002	0.11	3.98	4.5	6.1	0.6	97.4	<0.01	0.12	1.4
ZZ78258		0.15	723	3440	19.1	7.2	0.001	0.06	6.49	7.1	11.1	0.6	69.3	<0.01	0.20	2.8
ZZ78259		0.09	205	4310	24.2	9.3	0.003	0.28	11.90	4.6	24.8	0.8	311	<0.01	0.45	1.0
ZZ78260		0.27	31.0	980	9.4	4.8	0.003	0.12	1.79	1.1	4.0	0.6	45.4	<0.01	0.07	0.3
ZZ78261		0.27	10.7	630	15.5	11.6	0.002	0.19	4.43	0.8	3.7	0.5	56.2	<0.01	0.13	0.3
ZZ78262		0.14	15.3	910	16.8	10.0	0.002	0.18	3.10	0.3	3.5	0.6	40.3	<0.01	0.09	<0.2
ZZ78263		0.24	16.4	1700	14.9	13.7	<0.001	0.08	0.83	0.7	1.0	0.7	13.4	<0.01	0.07	<0.2
ZZ78264		0.14	24.5	440	17.6	8.9	0.002	0.15	1.47	2.6	1.8	0.5	54.3	<0.01	0.06	0.7
ZZ78265		0.23	36.7	780	19.5	10.0	0.001	0.13	1.78	3.5	2.5	0.5	57.0	<0.01	0.06	1.0
ZZ78266		0.08	84.6	1500	18.8	3.6	0.002	0.05	3.97	6.1	3.2	0.3	67.1	<0.01	0.08	1.4
ZZ78267		0.09	40.3	1630	22.2	4.9	0.001	0.05	2.31	5.7	2.1	0.3	43.7	<0.01	0.11	1.4
ZZ78268		0.08	40.4	1530	20.0	4.6	0.002	0.05	2.13	5.4	1.9	0.2	37.6	<0.01	0.08	1.4
ZZ78269		0.09	48.5	1660	23.8	4.5	0.001	0.02	2.25	7.8	2.4	0.2	38.2	<0.01	0.09	2.8
ZZ78270		0.07	62.2	1890	33.2	5.6	0.001	0.06	2.31	8.1	2.8	0.3	36.9	<0.01	0.07	2.8
ZZ78271		0.18	32.5	1590	16.0	5.8	0.001	0.16	1.08	3.3	2.8	0.2	47.6	<0.01	0.02	0.6
ZZ78272		0.14	78.8	2370	29.3	9.8	0.002	0.07	1.35	11.1	1.8	0.4	54.9	<0.01	0.04	3.7
ZZ78273		0.37	16.1	1900	11.7	8.8	<0.001	0.07	0.45	5.2	0.6	0.7	35.6	<0.01	0.02	1.1
ZZ78274		0.41	17.3	1180	10.8	10.5	<0.001	0.03	0.53	3.7	0.5	0.7	15.5	<0.01	0.01	1.3
ZZ78275		0.16	78.5	2360	15.2	9.3	0.001	0.02	0.76	14.2	2.0	0.4	35.4	<0.01	0.01	2.2
ZZ78276		0.30	36.1	1020	21.1	9.7	0.001	0.03	1.37	6.1	1.8	0.5	30.5	<0.01	0.04	1.4
ZZ78277		0.20	24.4	1360	15.1	5.3	0.001	0.14	1.32	2.6	1.5	0.2	62.4	<0.01	0.06	0.8
ZZ78278		0.09	46.2	1600	33.6	5.1	0.003	0.37	1.69	5.6	3.3	0.3	33.1	<0.01	0.15	2.1
ZZ78279		<0.05	52.2	2040	31.6	4.2	0.003	0.22	2.93	6.3	3.2	0.2	45.7	<0.01	0.15	3.9
ZZ78280		0.06	47.2	1650	28.3	4.2	0.004	0.17	2.75	6.8	3.2	0.2	44.3	<0.01	0.08	2.7
ZZ78281		0.06	48.9	1610	23.9	4.4	0.003	0.06	2.59	6.2	2.4	0.2	40.8	<0.01	0.08	2.0
ZZ78282		0.07	51.7	1670	22.3	4.9	0.002	0.06	2.35	6.9	2.5	0.2	46.9	<0.01	0.07	1.8
ZZ78283		0.10	44.3	1390	21.4	4.7	0.001	0.04	2.17	5.7	1.9	0.3	39.6	<0.01	0.07	1.4
ZZ78284		0.38	36.8	1540	21.0	14.6	<0.001	0.08	2.50	3.5	2.8	0.6	30.4	<0.01	0.09	1.6
ZZ78285		0.31	29.8	2100	24.5	15.4	0.001	0.23	4.91	3.4	5.3	0.6	60.7	<0.01	0.11	1.8
ZZ78286		0.10	10.4	3770	17.2	8.0	0.002	0.20	2.12	0.2	6.0	0.8	73.5	<0.01	0.12	<0.2
ZZ78287		0.31	31.7	1900	18.0	13.0	<0.001	0.05	1.02	3.4	1.6	0.7	21.4	<0.01	0.10	1.0
ZZ78288		0.37	38.2	1540	18.1	10.9	0.001	0.07	1.05	3.8	1.8	0.5	22.7	<0.01	0.09	1.4
ZZ78289		0.55	82.3	1930	13.6	12.6	0.002	0.10	0.98	3.9	4.4	0.6	40.8	<0.01	0.10	1.0
ZZ78290		0.21	59.2	1330	11.2	6.9	0.005	0.09	1.19	4.3	4.0	0.4	75.2	<0.01	0.22	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78251		<0.005	0.66	0.39	13	<0.05	2.95	24	1.2
ZZ78252		<0.005	0.64	0.49	19	<0.05	5.49	133	1.3
ZZ78253		0.011	0.41	1.36	67	0.26	45.5	450	1.6
ZZ78254		<0.005	1.76	0.35	19	<0.05	4.32	96	2.9
ZZ78255		0.007	0.81	2.33	77	0.15	38.5	757	1.3
ZZ78256		0.014	0.49	4.34	139	0.26	46.7	1010	2.0
ZZ78257		0.010	0.72	13.35	242	0.16	87.5	2310	3.4
ZZ78258		<0.005	1.70	7.84	144	0.13	149.5	3810	5.4
ZZ78259		0.006	2.24	18.25	571	0.62	69.9	715	1.0
ZZ78260		0.008	0.72	3.53	130	0.14	13.00	163	0.7
ZZ78261		0.009	1.98	1.82	175	0.21	3.93	65	<0.5
ZZ78262		0.006	1.66	2.65	156	0.20	4.92	77	<0.5
ZZ78263		0.005	0.37	0.94	70	0.13	3.33	84	<0.5
ZZ78264		<0.005	0.60	0.86	51	0.05	4.82	145	<0.5
ZZ78265		<0.005	0.59	0.98	72	0.07	8.33	200	0.5
ZZ78266		<0.005	0.14	1.70	78	0.07	24.6	360	1.3
ZZ78267		<0.005	0.14	1.38	25	<0.05	20.9	182	2.5
ZZ78268		<0.005	0.11	1.39	22	0.05	19.70	167	2.8
ZZ78269		<0.005	0.15	1.46	25	<0.05	23.3	185	2.7
ZZ78270		<0.005	0.20	1.31	23	<0.05	19.65	198	3.3
ZZ78271		<0.005	0.16	1.41	17	<0.05	13.30	88	2.9
ZZ78272		<0.005	0.19	0.88	36	<0.05	20.7	162	2.8
ZZ78273		0.006	0.09	0.49	81	0.08	13.25	95	0.6
ZZ78274		0.007	0.09	0.45	66	0.07	4.20	115	<0.5
ZZ78275		<0.005	0.14	1.09	48	0.05	25.9	105	0.6
ZZ78276		0.006	0.20	1.54	47	0.11	25.6	108	0.9
ZZ78277		0.005	0.12	1.10	22	<0.05	12.55	87	2.6
ZZ78278		<0.005	0.15	1.07	18	<0.05	14.05	134	0.6
ZZ78279		<0.005	0.18	1.73	17	<0.05	17.05	196	14.6
ZZ78280		<0.005	0.19	1.76	22	<0.05	19.05	225	4.3
ZZ78281		<0.005	0.16	1.35	20	<0.05	17.50	192	3.1
ZZ78282		<0.005	0.17	1.34	22	<0.05	19.40	193	2.5
ZZ78283		<0.005	0.19	1.59	33	<0.05	18.65	215	2.6
ZZ78284		0.005	0.55	1.32	91	0.19	8.88	97	1.8
ZZ78285		0.005	1.12	1.81	116	0.17	12.95	91	1.4
ZZ78286		<0.005	0.70	4.39	76	0.22	12.25	41	<0.5
ZZ78287		0.005	0.25	1.51	66	0.15	8.66	112	1.1
ZZ78288		0.006	0.18	1.68	59	0.12	11.00	143	1.7
ZZ78289		0.009	0.29	8.74	69	0.14	35.7	334	1.9
ZZ78290		0.005	0.17	3.20	51	0.10	23.6	178	2.0

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VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78291		0.30	0.003	0.71	1.10	17.0	<0.2	<10	3050	0.55	0.22	0.44	0.96	14.75	9.4	28
ZZ78292		0.28	0.003	0.53	1.14	20.2	<0.2	<10	970	0.51	0.23	0.55	0.59	13.70	11.6	26
ZZ78293		0.26	0.007	1.73	0.93	33.2	<0.2	<10	1570	0.72	0.18	3.41	7.19	13.00	19.3	29
ZZ78294		0.15	0.002	0.14	0.34	7.4	<0.2	<10	340	0.17	0.05	4.53	6.16	3.61	2.7	5
ZZ78295		0.24	0.005	1.45	1.11	23.3	<0.2	<10	850	0.75	0.21	1.56	4.85	15.05	14.9	33
ZZ78296		0.30	0.003	0.59	1.49	20.8	<0.2	<10	750	0.79	0.22	1.04	1.36	20.1	15.4	29
ZZ78297		0.47	0.004	0.41	1.62	24.5	<0.2	<10	710	0.97	0.25	0.54	1.03	24.1	24.3	29
ZZ78298		0.26	0.003	0.63	1.21	15.9	<0.2	<10	880	1.09	0.24	2.26	5.08	21.2	31.2	26
ZZ78299		0.19	0.003	0.47	0.90	9.5	<0.2	<10	1570	0.66	0.22	2.35	2.37	7.60	8.2	14
ZZ78300		0.28	0.002	0.57	0.95	13.2	<0.2	<10	1220	0.66	0.23	1.28	2.49	12.90	11.3	20
ZZ78301		0.14	0.003	0.40	0.78	12.0	<0.2	<10	610	0.69	0.23	1.44	3.56	10.80	10.6	16
ZZ78302		0.27	0.003	0.22	1.57	13.3	<0.2	<10	920	0.84	0.22	0.76	0.50	21.8	11.3	27
ZZ78303		0.19	0.003	1.15	0.88	13.2	<0.2	<10	670	0.79	0.21	1.80	2.20	9.34	9.7	23
ZZ78304		0.38	0.002	0.03	1.74	12.8	<0.2	<10	120	0.83	0.30	0.15	0.17	11.60	22.9	29
ZZ78305		0.32	0.002	0.16	1.34	14.0	<0.2	<10	770	0.87	0.21	1.39	0.67	13.60	11.8	21
ZZ78306		0.24	0.003	0.78	0.93	11.4	<0.2	<10	1130	0.79	0.19	1.76	5.08	11.10	11.7	20
ZZ78307		0.30	0.002	0.06	1.86	12.0	<0.2	<10	230	1.00	0.34	0.26	0.19	13.65	22.9	30
ZZ78308		0.10	0.004	0.53	0.47	4.1	<0.2	<10	1330	0.34	0.08	5.29	8.28	5.46	5.6	12
ZZ78309		0.33	0.003	0.55	0.70	14.1	<0.2	<10	680	0.73	0.27	0.74	2.78	8.34	14.1	15
ZZ78310		0.20	0.003	0.42	0.78	9.0	<0.2	<10	740	0.82	0.30	1.93	4.41	9.96	9.0	13
ZZ78311		0.29	0.003	0.62	0.91	13.9	<0.2	<10	1030	0.87	0.27	0.67	2.77	11.60	11.6	18
ZZ78312		0.32	0.002	0.05	1.50	13.2	<0.2	<10	450	0.81	0.25	0.11	0.49	11.15	11.1	22
ZZ78313		0.20	0.003	0.20	1.42	11.1	<0.2	<10	1510	0.68	0.22	1.46	1.63	11.55	8.0	22
ZZ78314		0.23	0.003	0.47	1.37	14.8	<0.2	<10	1760	0.82	0.21	0.83	2.20	23.1	10.9	25
ZZ78315		0.26	0.007	0.73	1.80	26.7	<0.2	<10	1510	1.78	0.27	1.17	7.66	23.5	24.9	34
ZZ78316		0.22	0.005	0.57	1.19	19.0	<0.2	<10	1980	1.34	0.19	2.38	17.65	14.85	20.5	24
ZZ78317		0.25	0.004	0.82	1.38	17.0	<0.2	<10	2010	1.06	0.23	1.60	4.84	19.65	14.4	30
ZZ78318		0.15	0.004	1.19	1.30	20.4	<0.2	<10	2850	0.87	0.22	1.12	3.71	17.95	12.0	32

***** See Appendix Page for comments regarding this certificate *****

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78291		1.07	32.4	2.78	3.58	0.09	0.05	0.18	0.032	0.07	8.1	12.2	0.29	345	5.05	<0.01
ZZ78292		1.66	34.1	3.37	4.46	0.09	0.02	0.12	0.035	0.06	6.3	11.0	0.23	745	4.56	0.01
ZZ78293		0.96	49.1	3.92	2.30	0.11	0.06	0.32	0.034	0.07	9.7	9.0	0.24	364	21.6	<0.01
ZZ78294		0.33	9.7	0.58	0.80	0.08	0.04	0.17	0.008	0.02	6.2	0.6	0.04	222	11.05	0.01
ZZ78295		0.96	45.4	3.13	3.21	0.12	0.08	0.41	0.037	0.07	11.3	10.1	0.27	444	8.51	0.01
ZZ78296		0.78	42.6	3.62	4.24	0.10	0.06	3.64	0.037	0.07	10.1	20.2	0.51	579	4.37	0.01
ZZ78297		1.52	83.9	4.44	4.68	0.10	0.07	0.21	0.041	0.11	11.2	27.5	0.69	859	2.60	0.01
ZZ78298		0.80	33.3	4.23	2.71	0.11	0.06	0.09	0.041	0.08	18.3	9.1	0.22	1140	4.70	0.01
ZZ78299		0.98	21.1	2.51	2.29	0.08	0.06	0.21	0.033	0.04	5.0	3.4	0.07	277	1.69	<0.01
ZZ78300		1.14	31.7	2.80	2.68	0.09	0.06	0.24	0.038	0.06	7.6	9.7	0.20	297	3.76	0.01
ZZ78301		0.88	35.1	2.65	2.23	0.09	0.06	0.24	0.038	0.05	5.6	8.7	0.20	332	2.23	0.01
ZZ78302		0.91	29.2	3.13	4.42	0.10	0.05	0.10	0.033	0.06	11.9	32.8	0.54	434	1.57	0.01
ZZ78303		0.64	35.8	2.64	2.28	0.11	0.06	0.14	0.037	0.06	6.8	8.1	0.21	218	4.57	0.01
ZZ78304		1.17	33.1	4.19	4.99	0.09	0.03	0.02	0.041	0.06	4.3	44.0	0.67	589	1.30	0.01
ZZ78305		0.69	32.6	3.26	3.76	0.09	0.05	0.08	0.039	0.07	6.9	19.0	0.42	435	1.69	0.01
ZZ78306		0.91	39.4	2.58	2.41	0.09	0.06	0.14	0.035	0.05	5.6	8.8	0.21	649	2.91	0.01
ZZ78307		1.45	36.8	4.29	5.35	0.09	0.04	0.04	0.044	0.08	5.1	45.4	0.79	409	0.82	0.01
ZZ78308		0.35	44.6	1.02	1.21	0.09	0.05	0.20	0.015	0.03	4.7	2.7	0.07	317	0.55	0.02
ZZ78309		1.02	33.6	3.48	1.93	0.08	0.06	0.27	0.045	0.08	4.8	3.9	0.08	308	3.13	0.01
ZZ78310		1.24	23.8	3.27	1.83	0.10	0.08	0.24	0.051	0.05	8.8	3.1	0.04	473	1.72	0.01
ZZ78311		1.23	39.0	3.20	2.19	0.09	0.06	0.11	0.044	0.07	8.0	5.5	0.11	323	3.06	0.01
ZZ78312		1.95	27.9	3.80	3.89	0.08	0.03	0.01	0.045	0.06	4.7	14.6	0.28	350	2.08	0.01
ZZ78313		0.79	17.8	2.54	4.22	<0.05	0.07	0.05	0.029	0.04	5.9	12.6	0.31	427	1.51	<0.01
ZZ78314		0.77	27.8	2.81	3.76	<0.05	0.05	0.07	0.026	0.06	13.1	14.2	0.42	371	2.66	0.01
ZZ78315		1.17	52.4	4.92	4.40	0.06	0.09	0.28	0.041	0.06	17.7	13.9	0.35	494	8.45	<0.01
ZZ78316		0.83	43.7	3.89	2.79	0.05	0.05	0.29	0.029	0.05	11.9	7.2	0.20	674	6.39	<0.01
ZZ78317		0.80	39.0	3.15	3.74	<0.05	0.06	0.21	0.038	0.06	16.5	12.5	0.35	453	3.52	0.01
ZZ78318		0.93	41.8	3.12	3.53	0.05	0.06	0.25	0.036	0.07	13.2	12.5	0.32	457	5.68	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78291		0.37	44.0	1280	13.3	8.0	0.002	0.08	1.17	2.9	2.8	0.5	46.7	<0.01	0.14	1.0
ZZ78292		0.23	36.6	1820	17.0	14.2	0.002	0.06	1.15	1.5	2.4	0.5	25.6	<0.01	0.11	0.3
ZZ78293		0.23	187.5	1790	12.5	5.4	0.003	0.08	3.08	3.9	7.0	0.4	66.0	<0.01	0.16	0.8
ZZ78294		0.18	21.9	1900	2.8	2.5	0.002	0.23	0.61	0.4	2.4	0.2	33.8	0.01	0.03	<0.2
ZZ78295		0.32	112.0	1900	13.0	8.0	0.004	0.09	1.57	3.5	5.5	0.6	45.7	<0.01	0.14	0.7
ZZ78296		0.34	53.9	1280	16.2	8.0	0.002	0.06	0.97	4.1	2.4	0.5	35.7	<0.01	0.10	1.1
ZZ78297		0.21	60.2	860	21.7	8.0	<0.001	0.02	1.04	8.1	1.5	0.5	35.5	<0.01	0.09	4.1
ZZ78298		0.27	125.5	2180	16.1	9.6	0.001	0.10	1.50	5.0	2.7	0.4	55.2	<0.01	0.16	1.5
ZZ78299		0.19	39.6	1620	17.4	7.7	<0.001	0.12	0.69	2.2	2.4	0.4	32.8	<0.01	0.09	0.5
ZZ78300		0.27	47.1	1300	19.1	8.4	0.002	0.07	1.29	4.0	3.0	0.5	40.7	<0.01	0.12	1.3
ZZ78301		0.17	51.8	1150	18.7	6.9	0.003	0.09	0.87	3.9	3.1	0.4	37.7	<0.01	0.09	1.0
ZZ78302		0.53	32.6	760	12.5	8.9	0.001	0.05	0.64	4.6	1.2	0.4	30.5	<0.01	0.05	1.5
ZZ78303		0.14	71.0	2030	13.8	6.8	0.005	0.12	1.61	2.9	5.6	0.4	53.8	<0.01	0.09	0.7
ZZ78304		0.15	51.3	660	24.3	7.9	<0.001	0.01	0.47	4.8	0.5	0.4	10.7	<0.01	0.04	2.9
ZZ78305		0.33	37.5	910	13.7	7.1	<0.001	0.08	0.56	4.2	1.8	0.4	29.8	<0.01	0.06	1.1
ZZ78306		0.14	57.4	1580	13.3	8.2	0.003	0.09	1.37	2.7	4.1	0.4	38.0	<0.01	0.08	0.6
ZZ78307		0.10	58.9	740	25.5	8.4	<0.001	<0.01	0.52	5.8	0.6	0.5	15.2	<0.01	0.06	3.5
ZZ78308		0.22	48.8	1390	4.4	3.6	0.001	0.34	0.80	1.0	4.2	0.2	117.5	<0.01	0.05	0.2
ZZ78309		0.08	76.7	1300	23.2	7.7	0.001	0.11	0.86	4.4	2.1	0.4	39.0	<0.01	0.11	1.1
ZZ78310		0.08	46.4	1580	24.1	9.6	0.001	0.11	0.68	3.8	2.8	0.4	36.5	<0.01	0.08	0.9
ZZ78311		0.14	85.2	1270	19.5	8.0	0.001	0.08	0.98	4.8	2.1	0.4	49.9	<0.01	0.10	1.3
ZZ78312		0.28	35.0	610	18.0	13.4	<0.001	0.05	0.56	3.9	0.8	0.4	15.0	<0.01	0.06	2.1
ZZ78313		0.39	18.4	1700	10.9	6.6	<0.001	0.12	0.50	2.6	1.2	0.4	25.0	<0.01	0.03	0.8
ZZ78314		0.65	40.3	1120	11.9	6.1	<0.001	0.05	1.00	4.0	1.5	0.4	29.0	<0.01	0.08	2.0
ZZ78315		0.50	233	2530	15.6	9.8	0.001	0.06	2.21	5.0	4.9	0.6	52.7	<0.01	0.15	1.4
ZZ78316		0.40	207	2370	11.4	5.5	0.001	0.16	2.34	2.4	5.5	0.4	50.9	<0.01	0.10	0.4
ZZ78317		0.49	90.4	1890	13.2	7.5	0.001	0.09	1.63	3.9	3.1	0.5	51.2	<0.01	0.09	0.9
ZZ78318		0.38	76.8	1970	13.2	8.3	0.001	0.10	2.07	3.6	3.6	0.5	70.8	<0.01	0.10	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78291		0.009	0.23	1.67	58	0.12	12.65	174	1.2
ZZ78292		0.006	0.28	1.53	68	0.14	10.00	137	0.5
ZZ78293		0.006	0.39	3.65	64	0.23	44.2	904	1.9
ZZ78294		0.005	0.10	2.91	14	0.18	15.15	354	1.6
ZZ78295		0.006	0.39	7.66	78	0.19	35.3	533	2.1
ZZ78296		0.007	0.20	2.15	59	0.12	18.05	215	1.6
ZZ78297		0.007	0.25	0.81	56	0.07	15.20	164	3.0
ZZ78298		0.007	0.27	2.40	70	0.13	41.9	440	1.7
ZZ78299		<0.005	0.42	3.48	38	0.05	15.75	178	1.7
ZZ78300		<0.005	0.47	2.61	71	0.17	17.70	237	1.8
ZZ78301		<0.005	0.31	3.19	37	0.05	15.55	227	1.7
ZZ78302		0.012	0.12	1.67	43	0.12	12.95	94	1.4
ZZ78303		<0.005	0.33	3.05	57	0.11	20.0	280	1.9
ZZ78304		<0.005	0.08	0.40	29	<0.05	5.59	119	1.5
ZZ78305		<0.005	0.10	1.20	35	0.08	11.40	126	1.4
ZZ78306		<0.005	0.30	5.33	47	0.07	18.30	250	1.5
ZZ78307		<0.005	0.08	0.46	27	<0.05	9.76	129	1.8
ZZ78308		0.005	0.32	3.76	25	0.05	19.00	132	1.7
ZZ78309		<0.005	0.67	1.72	38	0.07	18.25	316	1.6
ZZ78310		<0.005	0.44	1.45	28	<0.05	27.2	209	2.1
ZZ78311		<0.005	0.28	1.82	49	0.06	23.4	333	1.7
ZZ78312		<0.005	0.22	0.78	42	0.14	4.62	112	1.0
ZZ78313		0.006	0.14	1.69	55	0.12	6.26	69	1.7
ZZ78314		0.014	0.17	1.50	58	0.25	17.60	145	1.4
ZZ78315		0.008	0.49	3.67	109	0.17	56.0	1090	2.5
ZZ78316		0.011	0.35	3.83	94	0.15	46.0	1100	1.4
ZZ78317		0.012	0.29	2.64	77	0.16	37.9	434	1.7
ZZ78318		0.010	0.44	4.39	90	0.21	29.6	382	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131714

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)		
Applies to Method:	ME-MS41		
	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).		
Applies to Method:	ME-MS41		

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2013
Account: RCM

CERTIFICATE WH13131715

Project: Nadaleen

P.O. No.: SO13- 09

This report is for 232 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22- JUL- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD024817		0.33	0.002	0.07	1.81	13.1	<0.2	<10	60	0.68	0.47	0.04	0.14	13.00	13.8	33
DD024818		0.41	0.002	0.05	1.91	11.2	<0.2	<10	90	0.62	0.41	0.03	0.09	16.45	15.5	30
DD024819		0.43	0.002	0.06	1.88	16.1	<0.2	<10	110	0.70	0.37	0.03	0.18	20.3	13.4	31
DD024820		0.44	0.001	0.03	1.61	7.9	<0.2	<10	140	0.83	0.48	0.02	0.13	16.45	16.4	25
DD024821		0.40	0.001	0.04	1.66	7.9	<0.2	<10	200	1.17	0.52	0.02	0.15	12.40	15.9	31
DD024822		0.41	0.002	0.28	0.98	7.0	<0.2	<10	350	1.19	0.37	0.35	0.44	11.80	10.4	16
DD024823		0.41	0.004	0.66	0.37	13.1	<0.2	<10	250	0.28	0.18	0.06	1.02	5.55	1.4	8
DD024824		0.38	0.002	0.81	1.10	60.5	<0.2	<10	530	0.47	0.33	0.05	3.93	14.60	6.6	26
DD024825		0.52	0.003	0.31	1.75	21.3	<0.2	<10	460	0.86	0.26	0.08	0.52	25.2	14.4	27
DD024826		0.14	0.003	0.91	0.60	12.1	<0.2	<10	2600	0.43	0.12	3.39	8.26	8.12	9.7	17
DD024827		0.35	0.006	1.72	0.48	13.6	<0.2	10	2920	0.46	0.41	1.38	0.80	6.55	3.4	23
DD024828		0.14	0.006	0.75	0.27	5.8	<0.2	<10	1920	0.17	0.05	4.96	2.05	3.66	3.1	8
DD024829		0.18	0.002	0.19	0.45	12.0	<0.2	10	750	0.28	0.11	4.02	6.44	6.67	7.8	11
DD024830		0.21	0.011	0.37	0.86	20.1	<0.2	<10	750	0.59	0.18	3.04	9.21	10.95	12.4	27
DD024831		0.17	0.007	0.11	1.10	8.5	<0.2	<10	490	0.50	0.19	2.65	13.45	13.30	7.5	19
DD024832		0.29	0.003	0.28	0.94	8.7	<0.2	<10	360	0.76	0.14	6.00	17.80	16.70	40.0	50
DD024833		0.29	0.004	0.18	0.54	14.7	<0.2	<10	510	0.66	0.24	1.50	4.14	6.65	10.5	15
DD024834		0.24	0.002	0.21	0.75	18.8	<0.2	<10	810	0.38	0.16	1.93	8.72	11.70	14.3	21
DD024835		0.24	0.002	0.36	0.86	25.9	<0.2	<10	870	0.52	0.15	3.27	7.53	12.90	24.6	21
DD024836		0.20	0.004	0.31	1.26	16.6	<0.2	<10	630	0.49	0.21	1.63	4.55	14.75	14.9	27
DD024837		0.20	0.005	0.44	1.23	13.3	<0.2	<10	620	0.64	0.20	2.97	6.23	16.05	13.6	31
DD024838		0.24	0.003	0.27	1.19	8.8	<0.2	<10	540	0.54	0.16	2.58	7.22	12.50	7.6	20
DD024839		0.17	0.007	0.30	0.62	6.5	<0.2	<10	330	0.32	0.11	4.29	6.94	6.72	4.7	13
DD024840		0.11	0.007	0.33	0.53	5.2	<0.2	<10	570	0.26	0.09	4.78	4.72	4.77	3.9	7
DD024841		0.23	0.004	0.43	0.90	13.6	<0.2	<10	2760	0.49	0.16	2.15	2.36	11.60	6.9	19
DD024842		0.17	0.003	0.42	1.22	14.7	<0.2	<10	1320	0.67	0.20	1.80	2.79	15.50	10.4	21
DD024843		0.45	0.004	0.91	1.19	24.6	<0.2	<10	2420	1.21	0.22	1.01	5.61	18.75	35.3	25
DD024844		0.44	0.008	1.08	0.67	13.9	<0.2	<10	1020	0.65	0.22	0.42	2.13	13.15	6.6	15
DD024845		0.25	0.003	0.52	1.67	23.3	<0.2	<10	1990	1.09	0.24	1.47	11.80	17.05	30.3	29
DD024846		0.45	0.003	0.34	1.57	19.1	<0.2	<10	1430	0.96	0.22	0.47	1.77	26.2	13.7	28
DD024847		0.44	0.003	0.32	1.25	22.0	<0.2	<10	1110	0.78	0.21	0.90	1.50	21.7	10.8	23
DD024848		0.24	0.005	0.63	0.80	8.1	<0.2	<10	2140	0.40	0.12	4.01	0.85	6.89	4.8	16
DD024849		0.16	0.006	0.26	0.40	4.1	<0.2	<10	690	0.21	0.07	3.11	4.50	4.45	3.1	8
DD024850		0.25	0.031	0.46	1.43	15.4	<0.2	<10	710	0.79	0.22	1.88	1.10	19.35	10.9	25
DD024851		0.34	0.003	0.52	1.72	21.8	<0.2	<10	340	0.93	0.27	1.40	1.79	21.5	11.7	31
DD024852		0.25	0.002	0.22	2.18	14.2	<0.2	<10	560	0.75	0.32	0.76	1.67	24.2	15.0	34
DD024853		0.28	0.002	0.43	1.44	12.6	<0.2	<10	420	0.74	0.23	1.71	4.79	22.9	11.0	26
DD024854		0.22	0.008	0.26	1.17	14.7	<0.2	<10	520	0.49	0.18	2.24	4.49	14.70	15.0	21
DD024855		0.27	0.003	0.32	1.36	16.8	<0.2	<10	380	0.66	0.23	1.39	5.77	23.5	18.3	28
DD024856		0.39	0.003	0.38	1.29	18.5	<0.2	<10	390	0.75	0.23	1.04	2.06	24.3	14.1	30

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024817		4.12	25.3	5.53	9.08	0.06	0.05	0.04	0.058	0.06	6.2	15.3	0.32	967	2.09	0.01
DD024818		2.15	21.9	4.03	8.88	0.06	0.07	0.02	0.038	0.05	8.2	20.5	0.30	777	1.59	0.01
DD024819		1.93	28.8	4.34	7.35	0.06	0.05	0.04	0.037	0.06	9.8	29.1	0.49	580	1.74	0.01
DD024820		2.62	18.3	3.10	7.20	<0.05	0.02	0.04	0.033	0.08	8.1	13.0	0.19	1400	1.16	0.01
DD024821		2.80	42.2	4.03	6.43	0.06	0.02	0.01	0.040	0.07	5.3	20.8	0.41	1130	0.82	0.01
DD024822		1.32	30.3	2.83	3.53	0.05	0.08	0.05	0.040	0.06	6.0	12.8	0.24	893	1.77	0.01
DD024823		0.83	28.1	0.96	1.66	<0.05	<0.02	0.06	0.016	0.06	3.0	1.9	0.04	36	13.55	0.01
DD024824		1.29	40.7	4.56	5.05	0.09	0.04	0.05	0.051	0.17	8.0	9.5	0.19	187	48.1	0.01
DD024825		1.16	46.8	3.82	5.28	0.07	0.05	0.05	0.035	0.07	12.1	26.5	0.52	476	4.52	0.01
DD024826		0.40	18.1	1.70	1.59	0.05	0.08	0.14	0.020	0.03	8.7	3.4	0.11	320	8.75	<0.01
DD024827		0.53	25.4	1.39	1.46	<0.05	0.06	0.22	0.042	0.05	4.8	2.5	0.06	99	6.72	<0.01
DD024828		0.26	11.0	0.57	0.79	<0.05	0.04	0.15	0.008	0.03	4.6	0.9	0.13	170	5.85	0.01
DD024829		0.27	18.1	1.29	1.27	<0.05	0.06	0.15	0.017	0.04	5.8	2.2	0.08	423	13.60	0.01
DD024830		0.43	24.6	2.40	2.42	0.07	0.07	0.18	0.031	0.04	14.2	4.6	0.12	427	13.00	0.01
DD024831		0.58	13.7	2.01	2.91	<0.05	0.04	0.09	0.028	0.04	13.8	5.9	0.14	431	2.88	0.01
DD024832		0.88	18.9	5.17	2.68	0.10	0.09	0.08	0.024	0.05	19.7	4.6	0.09	1320	6.33	0.01
DD024833		0.81	30.3	2.96	1.71	<0.05	0.09	0.17	0.040	0.09	4.8	4.3	0.06	246	5.22	0.01
DD024834		0.38	16.3	1.84	2.25	<0.05	0.04	0.20	0.027	0.06	9.8	5.6	0.14	408	17.15	0.01
DD024835		0.41	22.4	2.09	2.48	0.05	0.05	0.30	0.021	0.04	11.4	6.7	0.19	571	17.15	0.01
DD024836		0.84	17.8	2.19	4.04	0.05	0.04	0.11	0.027	0.04	10.3	10.7	0.26	465	8.48	0.01
DD024837		0.65	21.0	2.20	3.52	<0.05	0.04	0.16	0.022	0.04	11.4	10.3	0.27	366	3.70	0.01
DD024838		0.61	15.2	1.75	3.18	<0.05	0.04	0.12	0.020	0.04	9.6	8.1	0.20	408	2.29	0.01
DD024839		0.45	11.6	1.00	1.65	<0.05	0.03	0.12	0.014	0.03	5.6	4.1	0.13	391	2.58	0.01
DD024840		0.34	13.5	0.75	1.34	<0.05	0.03	0.13	0.013	0.02	4.2	2.7	0.12	421	4.70	0.01
DD024841		0.44	15.5	1.86	2.68	<0.05	0.04	0.13	0.025	0.04	6.6	8.9	0.23	283	3.94	<0.01
DD024842		0.42	20.2	2.23	3.48	<0.05	0.06	0.14	0.025	0.06	7.7	12.7	0.30	651	4.15	0.01
DD024843		0.96	46.1	4.11	3.42	0.06	0.07	0.23	0.030	0.07	9.5	15.3	0.40	529	12.10	<0.01
DD024844		0.96	39.8	1.47	2.27	<0.05	0.05	0.33	0.033	0.05	5.9	6.9	0.15	163	5.82	<0.01
DD024845		1.07	48.4	3.67	4.87	0.05	0.13	0.27	0.030	0.05	8.9	18.0	0.38	5270	25.7	<0.01
DD024846		1.08	26.0	2.96	4.70	<0.05	0.07	0.15	0.029	0.06	12.8	20.2	0.51	297	4.96	<0.01
DD024847		0.81	31.4	2.97	3.87	0.05	0.05	0.18	0.025	0.05	12.0	15.8	0.40	341	3.89	0.01
DD024848		0.49	17.3	1.21	2.12	<0.05	0.05	0.13	0.016	0.03	5.2	5.1	0.17	231	3.85	<0.01
DD024849		0.26	9.3	0.63	1.13	<0.05	0.03	0.12	0.009	0.03	2.8	1.5	0.13	139	5.05	0.01
DD024850		0.79	24.2	2.38	3.87	<0.05	0.05	0.15	0.028	0.04	14.3	11.1	0.32	550	7.66	0.01
DD024851		0.89	18.8	2.90	4.74	<0.05	0.04	0.12	0.034	0.05	17.3	12.7	0.35	438	16.05	0.01
DD024852		1.44	17.5	2.86	7.15	<0.05	0.03	0.05	0.039	0.05	12.5	15.4	0.38	469	3.53	<0.01
DD024853		0.86	17.8	2.22	4.37	<0.05	0.03	0.11	0.023	0.04	13.6	9.1	0.28	666	2.72	0.01
DD024854		0.72	14.2	1.88	3.48	<0.05	0.03	0.11	0.021	0.04	7.6	7.7	0.21	400	9.48	0.01
DD024855		0.85	19.4	2.47	3.93	<0.05	0.04	0.11	0.025	0.04	14.4	10.6	0.34	510	4.32	0.01
DD024856		0.71	25.6	3.00	3.64	0.05	0.04	0.18	0.026	0.05	15.4	13.5	0.40	385	3.16	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024817		1.14	17.6	600	29.5	15.0	<0.001	0.01	2.97	3.0	0.7	1.3	6.1	<0.01	0.06	2.9
DD024818		1.15	16.5	330	20.9	16.9	<0.001	<0.01	4.54	3.7	0.6	1.0	6.7	<0.01	0.05	4.1
DD024819		1.00	27.1	390	18.8	18.0	<0.001	<0.01	3.27	4.1	0.8	0.7	9.1	<0.01	0.06	4.0
DD024820		0.74	12.2	490	18.6	25.6	<0.001	<0.01	10.80	3.4	0.4	1.0	7.7	<0.01	0.04	2.0
DD024821		0.58	22.2	320	20.7	11.3	<0.001	<0.01	2.80	4.1	0.4	0.9	8.6	<0.01	0.05	2.7
DD024822		0.28	20.7	640	17.7	12.0	0.001	0.02	4.36	4.5	1.9	0.5	28.8	<0.01	0.05	1.8
DD024823		0.07	12.3	590	11.3	5.4	0.011	0.06	6.32	1.2	5.7	0.4	35.7	<0.01	0.09	0.3
DD024824		0.30	38.9	3300	22.1	13.7	0.001	0.45	16.90	1.5	9.2	0.9	274	<0.01	0.18	0.4
DD024825		0.32	34.2	890	17.3	9.0	<0.001	<0.01	11.35	4.2	2.0	0.4	17.7	<0.01	0.07	2.5
DD024826		0.31	76.1	1470	8.0	3.8	0.002	0.15	29.6	1.9	4.1	0.3	45.9	0.01	0.11	0.4
DD024827		0.10	34.8	1260	21.7	5.5	0.004	0.09	27.0	1.9	3.5	0.6	81.7	<0.01	0.55	0.4
DD024828		0.15	27.1	1840	3.6	1.8	0.004	0.22	27.9	0.7	3.5	<0.2	66.9	0.01	0.07	<0.2
DD024829		0.29	56.1	1300	7.5	3.0	0.002	0.18	34.0	1.5	3.8	0.2	27.2	0.01	0.09	0.3
DD024830		0.33	94.6	2680	11.2	5.4	0.001	0.16	13.55	1.4	5.3	0.4	38.1	0.01	0.12	0.2
DD024831		0.53	36.0	1740	10.6	4.5	<0.001	0.13	17.20	1.1	1.7	0.4	21.4	0.01	0.07	0.2
DD024832		0.27	97.6	9260	11.5	8.4	0.001	0.10	9.24	2.0	4.2	0.4	52.8	0.02	0.11	0.4
DD024833		0.16	61.9	1190	15.7	8.6	0.001	0.21	3.38	2.9	1.6	0.5	36.7	<0.01	0.09	0.7
DD024834		0.45	54.5	1790	10.1	5.1	<0.001	0.14	11.10	1.7	2.0	0.4	21.2	0.01	0.11	0.3
DD024835		0.54	88.2	1620	9.3	5.7	0.001	0.14	7.43	1.5	2.5	0.3	24.3	0.01	0.07	0.3
DD024836		0.67	37.0	1380	11.4	7.5	0.001	0.09	4.44	2.1	1.9	0.4	20.1	0.01	0.06	0.5
DD024837		0.51	49.1	1410	10.7	8.1	0.002	0.10	1.16	2.0	2.2	0.4	27.5	<0.01	0.06	0.6
DD024838		0.38	26.8	1460	8.4	6.0	<0.001	0.14	0.89	1.2	1.1	0.3	22.7	<0.01	0.05	0.3
DD024839		0.29	20.5	1190	5.5	3.4	0.005	0.17	0.73	0.7	2.0	0.2	28.4	<0.01	0.04	0.2
DD024840		0.24	21.2	970	4.3	2.7	0.002	0.20	0.62	0.4	1.6	0.2	29.8	<0.01	0.04	<0.2
DD024841		0.31	30.7	870	9.7	4.4	0.001	0.12	0.88	1.8	1.6	0.3	36.2	<0.01	0.07	0.4
DD024842		0.40	29.6	1330	11.7	7.1	0.003	0.11	0.83	2.1	2.0	0.3	28.2	<0.01	0.07	0.6
DD024843		0.22	232	1680	13.4	9.0	0.008	0.10	4.17	4.3	3.5	0.4	61.1	<0.01	0.12	1.4
DD024844		0.12	36.0	850	13.9	7.9	0.005	0.04	3.09	3.1	1.4	0.4	47.0	<0.01	0.07	0.8
DD024845		0.33	185.0	1170	14.7	5.6	0.033	0.12	5.06	4.2	11.7	0.5	45.2	<0.01	0.07	1.4
DD024846		0.37	135.0	1070	13.5	11.0	0.002	0.03	1.93	4.6	1.6	0.4	30.1	<0.01	0.06	2.1
DD024847		0.43	39.1	1070	13.2	6.1	0.001	0.04	1.26	4.2	1.5	0.4	31.0	<0.01	0.06	1.9
DD024848		0.25	23.9	1160	6.8	2.8	0.003	0.20	0.95	1.1	3.1	0.3	41.8	<0.01	0.04	0.2
DD024849		0.17	16.9	1060	3.9	1.9	0.001	0.22	0.78	0.6	1.7	0.2	31.6	<0.01	0.03	<0.2
DD024850		0.41	36.3	1230	12.0	6.5	0.001	0.10	0.89	2.2	1.8	0.4	23.2	<0.01	0.07	0.6
DD024851		0.45	41.4	1410	14.5	9.6	0.001	0.09	1.24	2.4	1.7	0.5	18.6	<0.01	0.10	0.6
DD024852		0.60	31.0	1600	15.5	8.9	0.001	0.07	0.81	1.9	1.8	0.7	16.3	<0.01	0.09	0.6
DD024853		0.59	28.8	1380	12.0	7.5	0.001	0.09	0.91	1.7	1.9	0.4	18.7	<0.01	0.05	0.5
DD024854		0.52	30.6	1510	9.4	6.7	0.002	0.14	1.34	1.1	1.1	0.4	20.9	<0.01	0.05	0.3
DD024855		0.49	49.3	1420	11.9	7.8	0.001	0.07	1.13	2.2	1.9	0.4	20.1	<0.01	0.05	0.7
DD024856		0.48	49.7	1210	13.4	6.8	0.001	0.05	1.22	3.8	1.8	0.4	25.1	<0.01	0.10	1.3

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To: ATAC RESOURCES LTD.
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Finalized Date: 3- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD024817		0.014	0.11	0.52	45	0.14	3.25	84	1.9
DD024818		0.014	0.15	0.60	53	0.14	3.23	63	3.1
DD024819		0.013	0.13	0.63	52	0.14	3.58	99	2.0
DD024820		0.011	0.15	0.78	45	0.14	3.66	53	<0.5
DD024821		0.010	0.07	1.19	35	0.14	4.73	64	0.5
DD024822		<0.005	0.18	1.93	29	0.06	9.41	82	1.7
DD024823		<0.005	1.03	2.10	92	0.08	4.11	54	<0.5
DD024824		0.006	2.62	3.83	342	0.26	6.68	188	0.9
DD024825		0.005	0.20	0.94	91	0.09	7.94	103	1.1
DD024826		0.006	0.21	5.57	59	0.13	26.6	687	1.9
DD024827		<0.005	0.28	4.61	70	0.15	15.60	149	1.6
DD024828		<0.005	0.15	3.16	21	0.05	12.05	161	1.3
DD024829		0.010	0.14	3.48	33	0.17	16.25	351	1.9
DD024830		0.006	0.19	10.70	76	0.13	45.8	501	1.1
DD024831		0.010	0.10	3.53	58	0.12	24.7	279	0.6
DD024832		0.007	0.14	24.2	107	0.11	69.8	770	1.1
DD024833		<0.005	0.41	2.68	34	0.06	14.00	300	2.4
DD024834		0.011	0.13	6.05	49	0.18	21.1	271	0.9
DD024835		0.011	0.24	6.37	48	0.18	24.0	411	1.0
DD024836		0.014	0.20	3.87	56	0.17	15.00	149	0.8
DD024837		0.015	0.21	3.38	57	0.37	20.3	195	1.0
DD024838		0.010	0.13	2.99	43	0.10	18.15	131	1.0
DD024839		0.008	0.13	6.48	33	0.13	10.50	178	1.0
DD024840		0.009	0.12	8.47	19	0.08	7.79	91	1.0
DD024841		0.008	0.10	3.00	50	0.14	11.75	145	1.2
DD024842		0.008	0.10	5.11	45	0.11	12.85	193	1.5
DD024843		0.008	1.80	3.68	80	0.13	24.0	1160	2.0
DD024844		<0.005	0.63	2.96	107	0.06	9.77	144	1.6
DD024845		0.006	1.60	5.65	148	0.11	18.95	770	3.7
DD024846		0.011	0.44	2.28	92	0.11	14.80	670	1.8
DD024847		0.014	0.17	1.63	54	0.12	15.25	148	1.3
DD024848		0.006	0.13	6.70	43	0.09	11.15	76	1.5
DD024849		0.007	0.10	2.81	21	0.05	5.42	101	1.2
DD024850		0.012	0.17	5.52	50	0.14	23.2	111	1.1
DD024851		0.013	0.31	6.41	67	0.26	28.5	151	0.7
DD024852		0.017	0.37	3.03	77	0.26	13.05	120	0.6
DD024853		0.017	0.18	6.67	58	0.22	17.60	149	0.7
DD024854		0.015	0.17	3.86	46	0.24	13.70	143	0.8
DD024855		0.019	0.26	3.18	54	0.19	21.2	189	0.8
DD024856		0.016	0.21	2.77	56	0.18	23.8	173	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD024857		0.43	0.004	0.41	0.98	20.3	<0.2	<10	1290	0.71	0.23	7.92	9.33	15.60	26.6	33
DD024858		0.36	0.003	0.65	1.48	13.7	<0.2	<10	2320	1.02	0.35	6.25	5.54	15.40	23.5	33
DD024859		0.20	0.002	0.24	0.81	7.1	<0.2	<10	280	0.46	0.18	3.22	3.59	11.45	5.7	20
DD024860		0.26	0.003	0.41	1.39	14.7	<0.2	<10	880	0.87	0.23	3.63	10.20	18.10	12.2	41
DD024861		0.30	0.006	0.50	0.43	13.2	<0.2	<10	690	0.38	0.15	4.28	8.00	7.48	10.3	15
DD024862		0.13	0.003	0.07	0.26	2.4	<0.2	<10	370	0.11	0.06	3.63	2.40	2.69	2.6	4
DD024863		0.21	0.007	0.35	0.48	24.2	<0.2	<10	910	0.40	0.17	4.27	12.20	8.06	23.1	15
DD024864		0.27	0.007	1.19	1.12	38.9	<0.2	<10	1280	0.90	0.21	1.98	10.40	7.86	20.2	23
DD024865		0.18	0.004	0.29	0.58	3.1	<0.2	<10	550	0.26	0.10	5.55	34.3	7.14	8.8	12
DD024866		0.41	0.001	0.38	1.16	15.4	<0.2	<10	330	0.32	0.27	0.06	0.91	24.2	5.9	17
DD024867		0.10	0.008	0.07	0.33	1.6	<0.2	<10	290	0.15	0.06	3.64	17.50	3.79	2.3	6
DD024868		0.42	0.002	0.24	0.84	13.4	<0.2	<10	380	1.72	0.22	0.42	0.49	39.3	21.0	18
DD024869		0.38	0.002	0.07	1.69	14.8	<0.2	<10	160	0.72	0.38	0.03	0.21	17.40	10.5	23
DD024870		0.45	0.001	0.08	2.35	21.2	<0.2	<10	330	1.19	0.33	0.09	0.18	30.2	17.3	31
DD024871		0.46	0.001	0.03	2.08	10.9	<0.2	<10	140	1.11	0.55	0.02	0.16	9.55	15.4	32
DD024872		0.36	0.001	0.05	1.58	7.1	<0.2	<10	70	0.67	0.51	0.02	0.10	8.94	11.4	28
DD024873		0.38	0.002	0.10	1.27	12.0	<0.2	<10	1000	0.73	0.33	0.19	0.59	17.05	9.2	22
DD024874		0.47	0.003	0.49	0.74	13.6	<0.2	<10	740	0.61	0.23	0.47	0.87	7.96	7.7	17
DD024875		0.45	0.002	0.30	0.92	15.5	<0.2	<10	990	0.80	0.22	0.40	1.64	13.95	12.4	21
DD024876		0.15	0.006	0.50	0.72	10.9	<0.2	<10	1400	0.48	0.16	2.07	0.97	7.28	2.7	13
DD024877		0.36	0.004	0.56	0.56	16.7	<0.2	<10	1780	0.63	0.18	1.61	2.78	8.11	7.9	14
DD024878		0.32	0.003	0.49	0.84	14.2	<0.2	<10	2140	0.71	0.17	2.07	1.58	12.50	8.0	20
DD024879		0.42	0.002	0.78	1.48	20.0	<0.2	<10	2540	0.99	0.22	0.80	1.92	22.8	13.7	29
DD024882		0.34	0.005	1.59	0.96	18.8	<0.2	<10	1600	0.80	0.23	1.45	4.11	11.40	9.9	27
DD024883		0.29	0.007	2.33	0.88	13.7	<0.2	<10	1240	0.78	0.20	1.88	5.67	11.20	6.5	27
DD024884		0.18	0.005	0.14	0.48	3.9	<0.2	<10	330	0.22	0.08	3.04	2.64	5.50	3.7	9
DD024885		0.38	0.003	0.52	0.64	23.8	<0.2	<10	1400	0.66	0.14	7.88	3.16	11.90	16.3	24
DD024886		0.16	0.005	0.12	0.41	2.2	<0.2	<10	470	0.19	0.08	2.88	5.89	4.51	3.1	7
DD024887		0.44	0.005	1.16	1.19	25.1	<0.2	<10	1120	0.56	0.30	0.09	1.73	14.70	4.8	22
DD024888		0.58	0.008	2.38	0.94	43.9	<0.2	<10	960	0.76	0.23	0.23	3.02	16.10	4.0	26
DD024889		0.44	0.006	0.28	0.59	63.1	<0.2	<10	380	0.33	0.26	0.03	0.59	9.62	2.8	17
DD024890		0.45	0.002	0.10	0.56	13.4	<0.2	<10	130	0.15	0.25	0.01	0.10	15.20	2.0	9
DD024891		0.50	0.011	7.68	0.73	22.2	<0.2	10	1360	1.11	0.24	1.02	12.10	15.40	1.9	39
DD024892		0.54	0.009	7.92	0.56	11.3	<0.2	10	760	0.93	0.22	0.49	4.93	13.80	0.4	40
DD024893		0.30	0.006	4.31	0.52	10.0	<0.2	<10	870	0.56	0.22	0.10	1.72	8.24	0.6	30
DD024894		0.37	0.008	9.84	1.05	53.0	<0.2	10	260	1.66	0.34	0.60	6.94	23.0	3.4	51
DD024895		0.39	0.009	3.09	0.33	13.4	<0.2	<10	1480	0.56	0.24	0.37	3.60	9.55	0.6	19
DD024896		0.32	0.004	2.77	1.21	15.0	<0.2	<10	560	0.76	0.24	0.15	0.94	15.10	2.9	38
DD024897		0.36	0.004	1.66	1.07	10.5	<0.2	<10	550	0.49	0.24	0.09	0.57	14.45	2.0	28
DD024898		0.42	0.007	11.20	0.73	32.0	<0.2	<10	1040	0.67	0.35	0.23	2.98	18.40	2.1	38

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024857		0.70	37.0	3.81	2.27	0.05	0.07	0.27	0.032	0.07	13.3	7.4	0.20	469	5.69	0.01
DD024858		0.36	26.1	4.57	2.40	0.05	0.12	0.12	0.042	0.05	10.7	6.5	0.16	776	4.57	<0.01
DD024859		0.40	13.8	1.70	2.17	<0.05	0.03	0.09	0.024	0.04	7.9	5.6	0.17	456	1.76	0.01
DD024860		0.56	26.9	2.90	3.34	0.06	0.04	0.13	0.032	0.06	18.5	9.6	0.26	499	9.96	0.01
DD024861		0.41	27.2	1.95	1.15	<0.05	0.07	0.15	0.020	0.05	7.5	2.6	0.17	339	20.3	0.01
DD024862		0.21	8.3	0.53	0.69	<0.05	0.03	0.11	0.007	0.03	1.9	1.0	0.05	179	3.15	0.01
DD024863		0.30	16.2	4.05	1.21	<0.05	0.07	0.13	0.024	0.06	8.2	2.3	0.10	545	25.5	0.01
DD024864		0.58	45.3	4.70	1.92	0.06	0.10	0.29	0.031	0.05	7.9	3.7	0.09	292	32.5	<0.01
DD024865		0.32	16.0	1.23	1.32	<0.05	0.05	0.12	0.012	0.04	6.4	1.7	0.07	765	1.47	0.01
DD024866		1.28	18.8	2.31	5.43	<0.05	0.02	0.03	0.020	0.06	12.1	8.9	0.18	171	3.69	<0.01
DD024867		0.20	7.2	0.44	0.83	<0.05	0.03	0.07	0.007	0.03	2.7	0.7	0.03	170	1.04	0.01
DD024868		1.53	42.7	5.72	2.76	0.07	0.02	0.05	0.069	0.04	18.1	10.8	0.11	614	4.21	<0.01
DD024869		1.74	26.0	3.41	5.98	<0.05	0.03	0.03	0.035	0.06	7.0	17.8	0.26	582	1.32	<0.01
DD024870		1.87	34.0	4.12	6.54	<0.05	0.05	0.03	0.035	0.08	13.0	35.1	0.61	575	1.36	<0.01
DD024871		2.41	31.4	4.47	8.32	<0.05	0.04	0.02	0.040	0.06	4.2	20.7	0.39	567	0.61	<0.01
DD024872		2.87	39.9	3.55	5.96	<0.05	0.03	0.03	0.034	0.07	3.8	12.5	0.26	826	0.77	<0.01
DD024873		1.44	20.2	2.89	5.23	<0.05	0.02	0.02	0.030	0.06	8.7	12.6	0.22	293	2.99	0.01
DD024874		1.06	25.7	2.10	2.54	<0.05	0.05	0.13	0.036	0.05	4.4	4.8	0.09	190	7.62	0.01
DD024875		1.09	33.3	2.63	2.94	<0.05	0.04	0.08	0.036	0.05	6.7	7.2	0.14	364	7.63	0.01
DD024876		0.62	20.8	1.31	2.36	<0.05	0.05	0.14	0.021	0.03	4.1	3.0	0.08	73	3.91	<0.01
DD024877		0.68	31.5	1.77	1.90	<0.05	0.05	0.13	0.026	0.06	6.3	3.6	0.19	447	13.85	<0.01
DD024878		0.44	21.6	1.81	2.52	<0.05	0.04	0.08	0.029	0.05	8.5	5.9	0.19	491	7.04	<0.01
DD024879		0.97	31.4	3.23	4.25	0.06	0.06	0.08	0.036	0.07	11.4	21.0	0.40	545	12.10	<0.01
DD024882		0.74	42.0	2.31	2.80	0.05	0.09	0.19	0.035	0.07	9.4	5.9	0.14	294	9.03	<0.01
DD024883		0.66	48.6	1.56	2.95	0.06	0.08	0.17	0.033	0.07	8.8	5.3	0.15	289	10.25	0.01
DD024884		0.28	9.0	0.56	1.32	<0.05	0.04	0.15	0.011	0.03	5.7	0.7	0.07	160	1.53	0.01
DD024885		0.47	35.2	2.25	2.02	0.05	0.06	0.12	0.027	0.05	9.4	4.9	0.66	272	11.70	0.02
DD024886		0.27	7.9	0.51	1.16	<0.05	0.03	0.19	0.010	0.03	4.6	0.7	0.06	312	1.33	0.01
DD024887		2.01	30.6	2.10	4.32	<0.05	<0.02	0.11	0.034	0.10	7.7	7.7	0.22	150	17.35	0.02
DD024888		1.58	64.5	2.05	3.26	0.06	0.02	0.12	0.047	0.12	8.5	6.1	0.17	107	24.7	0.01
DD024889		1.67	34.3	2.59	3.03	0.05	0.04	0.10	0.061	0.22	4.9	1.9	0.05	67	54.3	<0.01
DD024890		1.31	10.5	0.98	5.01	<0.05	<0.02	0.02	0.012	0.04	7.7	1.1	0.03	51	12.75	<0.01
DD024891		2.20	109.5	1.61	2.88	0.11	0.02	0.18	0.053	0.21	8.9	1.7	0.04	47	25.3	0.01
DD024892		1.62	95.8	1.35	3.07	0.10	0.02	0.18	0.040	0.22	8.3	2.1	0.03	<5	19.85	0.01
DD024893		1.04	50.6	0.84	2.25	0.05	<0.02	0.15	0.031	0.07	5.8	1.0	0.02	5	7.51	0.01
DD024894		4.04	110.5	3.86	5.21	0.19	0.02	0.35	0.102	0.33	14.5	1.5	0.03	85	96.8	0.01
DD024895		1.31	70.6	0.94	1.60	0.05	0.03	0.19	0.033	0.12	6.0	0.9	0.03	8	15.50	<0.01
DD024896		1.00	40.8	1.96	4.56	0.05	<0.02	0.11	0.036	0.07	9.3	5.8	0.15	88	4.99	0.01
DD024897		0.79	22.3	1.45	4.62	<0.05	<0.02	0.12	0.027	0.06	8.2	2.8	0.06	49	5.91	0.01
DD024898		1.54	71.1	2.58	4.96	0.10	<0.02	0.41	0.057	0.17	11.3	1.4	0.04	26	35.3	0.02

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Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024857		0.25	155.0	3010	12.4	6.0	<0.001	0.08	2.62	3.4	2.9	0.5	66.0	<0.01	0.25	1.0
DD024858		0.17	125.5	1280	22.5	4.0	0.001	0.09	2.77	2.9	3.2	0.7	50.5	<0.01	0.40	0.9
DD024859		0.29	21.3	1560	10.2	4.1	0.001	0.13	0.82	1.2	0.8	0.3	35.9	<0.01	0.13	0.3
DD024860		0.30	94.7	3710	13.9	6.2	0.001	0.15	1.46	1.5	4.2	0.4	48.8	<0.01	0.11	0.4
DD024861		0.15	100.0	1340	10.0	3.4	0.003	0.16	2.22	1.5	3.3	0.4	45.4	<0.01	0.13	0.4
DD024862		0.12	13.3	760	3.1	1.8	0.001	0.20	0.44	0.6	0.7	<0.2	28.1	<0.01	0.04	<0.2
DD024863		0.13	210	1700	9.7	4.8	0.001	0.15	4.75	1.6	5.0	0.3	34.9	<0.01	0.16	0.5
DD024864		0.17	231	2250	13.4	4.6	0.002	0.12	3.61	2.4	10.6	0.5	77.2	<0.01	0.23	0.5
DD024865		0.17	48.7	3110	5.0	3.5	0.001	0.29	0.62	0.5	1.5	0.2	32.5	<0.01	0.05	0.2
DD024866		0.34	14.4	1230	14.2	10.1	<0.001	0.03	0.98	1.9	1.6	0.6	19.1	<0.01	0.07	1.3
DD024867		0.13	10.6	1450	2.3	1.3	<0.001	0.24	0.28	0.4	1.7	<0.2	26.1	<0.01	0.04	<0.2
DD024868		0.09	51.8	1530	20.6	5.7	0.001	0.03	0.96	7.4	1.6	0.4	37.3	<0.01	0.05	1.9
DD024869		0.37	16.5	750	16.9	15.2	<0.001	0.02	0.50	2.4	0.6	0.7	7.9	<0.01	0.05	0.9
DD024870		0.29	30.7	660	17.9	12.5	<0.001	0.02	0.56	3.7	0.6	0.5	9.6	<0.01	0.08	2.0
DD024871		0.30	21.4	240	27.1	14.5	<0.001	0.01	0.25	4.4	0.3	1.0	8.2	<0.01	0.04	4.2
DD024872		0.40	14.7	430	15.2	16.3	<0.001	0.02	0.32	3.3	0.4	0.9	6.8	<0.01	0.04	2.1
DD024873		0.63	21.4	440	15.5	13.3	<0.001	0.02	0.60	3.2	0.8	0.6	15.7	<0.01	0.04	2.1
DD024874		0.20	37.8	890	15.4	7.4	0.002	0.07	1.46	3.6	2.8	0.5	31.8	<0.01	0.11	1.0
DD024875		0.30	39.7	1010	15.7	7.8	0.002	0.07	1.62	3.9	2.9	0.5	40.3	<0.01	0.07	1.0
DD024876		0.32	15.6	1200	9.9	5.2	0.004	0.15	1.30	1.3	4.8	0.4	31.6	<0.01	0.05	0.3
DD024877		0.14	39.4	1080	12.7	4.7	0.002	0.13	3.12	1.5	3.0	0.4	49.3	<0.01	0.09	0.3
DD024878		0.32	36.3	1240	11.1	5.9	0.002	0.15	2.13	1.6	2.3	0.3	43.0	<0.01	0.08	0.3
DD024879		0.36	55.0	1950	15.9	8.0	0.001	0.09	2.30	4.0	3.6	0.4	58.8	<0.01	0.12	1.7
DD024882		0.30	81.0	2390	13.9	7.9	0.002	0.17	2.99	2.4	4.5	0.5	52.7	<0.01	0.11	0.7
DD024883		0.34	48.7	2500	13.2	7.2	0.004	0.20	5.07	1.4	8.7	0.5	62.1	<0.01	0.10	0.4
DD024884		0.29	9.4	1180	4.3	2.0	0.001	0.23	0.49	0.7	1.8	<0.2	28.5	<0.01	0.03	0.2
DD024885		0.30	142.5	1840	9.6	4.1	0.003	0.08	3.60	2.7	3.6	0.4	89.1	<0.01	0.11	1.2
DD024886		0.25	9.3	1150	4.0	2.5	0.001	0.23	0.46	0.5	1.1	<0.2	24.1	<0.01	0.02	<0.2
DD024887		0.25	24.7	1500	18.0	13.4	0.001	0.16	4.40	0.6	4.8	0.7	73.4	<0.01	0.11	<0.2
DD024888		0.34	33.1	2070	16.7	10.2	0.004	0.21	7.09	3.3	9.0	0.7	111.5	<0.01	0.11	1.2
DD024889		0.21	25.6	760	25.1	13.9	0.006	0.51	4.72	4.6	9.9	0.7	102.0	<0.01	0.18	2.0
DD024890		0.60	7.9	170	11.9	7.8	0.001	0.02	1.40	0.8	1.4	0.8	9.1	<0.01	0.07	0.4
DD024891		0.06	41.8	6860	21.3	12.9	0.010	0.30	15.90	2.7	21.8	1.1	266	<0.01	0.17	1.6
DD024892		0.06	11.6	3950	17.1	11.1	0.006	0.39	7.62	1.6	25.3	0.8	81.1	<0.01	0.15	0.9
DD024893		0.06	11.9	1880	15.3	7.9	0.007	0.17	3.59	0.2	10.4	0.8	55.2	<0.01	0.13	<0.2
DD024894		0.06	66.4	7540	37.9	24.0	0.014	0.78	37.4	0.5	53.5	1.4	299	<0.01	0.38	<0.2
DD024895		<0.05	26.7	1860	14.8	8.3	0.019	0.21	4.35	2.6	12.4	0.6	118.5	<0.01	0.14	1.1
DD024896		0.11	13.0	3480	12.6	8.0	0.003	0.14	1.44	0.2	6.0	0.7	77.6	<0.01	0.10	<0.2
DD024897		0.19	10.0	3370	12.6	7.3	0.003	0.07	1.68	0.3	3.1	0.7	27.5	<0.01	0.08	<0.2
DD024898		0.19	27.2	5480	32.2	14.9	0.008	0.34	15.75	1.5	25.4	1.4	214	<0.01	0.23	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD024857		0.008	0.37	10.80	75	0.13	44.0	675	1.9
DD024858		<0.005	0.19	2.99	50	0.11	41.6	519	2.8
DD024859		0.009	0.09	3.28	40	0.10	16.70	126	0.8
DD024860		0.008	0.20	15.95	81	0.13	46.9	498	1.1
DD024861		0.005	0.27	2.75	46	0.10	26.4	506	1.9
DD024862		0.007	0.07	2.24	13	<0.05	4.03	120	1.0
DD024863		<0.005	0.18	4.70	75	0.08	31.2	1520	1.8
DD024864		<0.005	0.61	7.25	128	0.14	55.9	1570	2.5
DD024865		0.005	0.09	5.18	32	<0.05	18.95	808	1.4
DD024866		0.009	0.31	0.88	72	0.13	3.26	70	<0.5
DD024867		0.008	0.04	2.66	14	<0.05	5.80	436	1.0
DD024868		<0.005	0.31	0.71	53	<0.05	18.95	187	<0.5
DD024869		0.006	0.16	0.73	45	0.13	3.33	73	0.6
DD024870		0.006	0.20	0.83	53	0.10	5.65	79	1.1
DD024871		0.005	0.14	0.87	32	0.07	4.50	64	1.6
DD024872		0.008	0.12	0.77	31	0.14	3.04	52	0.8
DD024873		0.009	0.18	1.19	53	0.15	6.47	104	0.7
DD024874		<0.005	0.79	2.35	57	0.11	7.58	185	1.7
DD024875		0.005	0.71	3.58	78	0.12	10.10	183	1.3
DD024876		<0.005	0.47	6.98	69	0.10	7.68	59	1.7
DD024877		<0.005	0.61	3.98	104	0.12	17.80	153	1.6
DD024878		0.008	0.30	5.35	85	0.16	17.75	183	1.2
DD024879		0.009	0.28	2.64	97	0.17	16.70	278	1.8
DD024882		0.006	0.43	10.25	134	0.20	26.9	413	2.9
DD024883		0.006	0.65	12.35	204	0.19	24.3	219	2.3
DD024884		0.011	0.09	4.91	23	0.05	11.95	87	1.8
DD024885		0.010	0.40	4.92	105	0.29	22.7	647	2.2
DD024886		0.009	0.09	1.75	21	<0.05	8.25	127	1.1
DD024887		0.009	1.90	4.92	216	0.27	9.78	98	<0.5
DD024888		0.016	2.11	12.00	232	0.25	11.85	135	0.6
DD024889		0.010	4.84	5.92	199	0.17	7.28	102	2.8
DD024890		0.019	0.86	1.03	134	0.21	2.25	32	<0.5
DD024891		<0.005	1.18	13.95	388	0.33	21.8	223	0.5
DD024892		<0.005	0.95	12.25	249	0.29	17.30	48	0.7
DD024893		<0.005	0.74	9.09	123	0.16	10.80	54	<0.5
DD024894		<0.005	4.35	31.4	823	0.49	30.9	468	<0.5
DD024895		<0.005	0.98	8.72	114	0.16	10.10	78	1.7
DD024896		<0.005	0.25	4.52	87	0.24	11.60	55	<0.5
DD024897		0.008	0.29	3.52	112	0.24	6.99	40	<0.5
DD024898		0.006	1.93	11.50	335	0.40	18.75	213	<0.5

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD024899		0.41	0.001	0.84	0.89	91.9	<0.2	<10	420	0.59	0.37	0.03	1.70	19.40	8.3	30
DD024900		0.40	0.002	0.46	0.54	63.5	<0.2	<10	570	0.21	0.44	0.04	0.22	15.65	1.2	16
DD024901		0.55	0.001	0.70	0.39	15.3	<0.2	<10	530	0.20	0.29	0.02	1.16	13.80	2.9	14
DD024902		0.46	0.002	0.43	1.41	19.4	<0.2	<10	1500	0.62	0.25	0.06	1.04	16.10	6.4	24
DD024903		0.36	0.002	0.09	1.33	19.9	<0.2	<10	290	0.60	0.25	0.06	1.51	19.75	11.8	25
DD024904		0.31	0.002	0.12	1.60	15.1	<0.2	<10	360	0.67	0.24	0.13	0.67	24.1	9.6	25
DD024905		0.39	0.003	0.63	0.75	18.9	<0.2	<10	750	0.66	0.18	0.30	2.41	13.30	7.0	17
DD024906		0.34	0.001	0.25	0.64	22.5	<0.2	<10	400	0.33	0.31	0.04	1.72	14.05	5.2	17
DD024907		0.41	0.002	0.49	1.15	20.5	<0.2	<10	610	0.49	0.28	0.07	1.47	16.35	6.5	24
DD024908		0.37	0.004	0.42	1.24	19.8	<0.2	<10	920	0.49	0.31	0.07	1.16	21.3	7.1	23
DD024909		0.44	0.002	0.28	0.32	17.1	<0.2	<10	360	0.18	0.25	0.01	0.55	6.35	1.3	7
DD024910		0.45	0.004	0.21	0.17	9.0	<0.2	<10	350	0.23	0.16	0.04	0.83	3.72	0.1	4
DD024911		0.42	0.003	2.99	0.47	15.7	<0.2	<10	530	0.38	0.45	0.05	1.72	11.55	1.2	18
DD024912		0.59	0.011	14.40	0.91	59.1	<0.2	10	1790	1.30	0.32	0.74	5.85	18.65	2.5	69
DD024913		0.54	0.008	7.62	0.72	39.8	<0.2	<10	1980	0.88	0.29	0.64	11.95	15.10	6.0	45
DD024914		0.40	0.007	2.76	0.22	8.4	<0.2	<10	700	0.23	0.17	0.04	0.61	3.28	0.3	8
DD024915		0.44	0.005	1.62	0.23	9.4	<0.2	<10	260	0.18	0.21	0.02	0.70	2.88	0.4	7
DD024916		0.40	0.007	1.54	0.18	5.8	<0.2	<10	340	0.22	0.19	0.05	2.04	3.01	0.5	4
DD024917		0.44	0.006	4.86	0.58	13.9	<0.2	<10	1320	0.75	0.32	0.55	5.89	16.25	1.9	25
DD024918		0.60	0.003	0.10	0.19	8.4	<0.2	<10	140	0.06	0.13	0.01	0.12	3.28	0.3	4
DD024919		0.42	0.002	0.23	0.32	12.9	<0.2	<10	230	0.18	0.29	0.01	0.14	7.81	1.1	10
DD024920		0.45	0.004	0.28	0.32	16.1	<0.2	<10	340	0.16	0.38	0.01	0.07	4.91	0.5	9
DD024921		0.51	0.007	1.56	1.12	91.7	<0.2	<10	650	0.61	0.33	0.11	1.06	17.20	5.5	27
DD024922		0.49	0.007	4.28	0.70	20.7	<0.2	<10	1130	0.88	0.24	0.42	10.60	11.25	2.5	30
DD024923		0.45	0.007	2.84	0.75	10.7	<0.2	<10	1480	0.68	0.19	0.69	6.06	10.50	3.1	25
DD024924		0.25	0.004	1.79	0.96	14.4	<0.2	<10	1180	0.54	0.18	1.73	2.32	9.74	4.0	27
DD024925		0.32	0.005	2.44	0.96	27.2	<0.2	<10	2850	0.75	0.20	2.01	17.85	8.82	11.9	35
DD024926		0.20	0.007	0.52	0.38	6.6	<0.2	<10	1580	0.23	0.09	4.81	5.95	4.68	4.1	13
DD024927		0.23	0.006	1.46	0.89	30.2	<0.2	<10	2200	0.72	0.19	2.52	6.26	8.87	12.6	39
DD024928		0.21	0.009	0.13	0.49	3.1	<0.2	<10	840	0.21	0.11	3.51	2.57	5.44	2.9	9
DD024929		0.28	0.004	0.99	1.03	22.3	<0.2	<10	2370	0.72	0.22	2.31	3.96	12.55	10.6	32
DD024930		0.25	0.003	0.91	0.96	19.2	<0.2	<10	1700	0.81	0.23	1.43	1.57	8.76	9.5	27
DD024931		0.40	0.002	0.59	0.76	14.2	<0.2	<10	1040	0.78	0.26	1.39	1.39	6.28	11.0	19
DD024932		0.40	0.002	0.22	0.92	14.8	<0.2	<10	760	0.79	0.26	0.40	1.02	16.25	11.2	20
DD024933		0.41	0.004	0.40	1.08	17.9	<0.2	<10	690	0.79	0.21	0.24	1.64	22.5	11.1	23
DD024934		0.26	0.003	1.87	1.03	6.8	<0.2	<10	1170	0.60	0.17	0.82	1.19	9.20	4.0	16
DD024935		0.38	0.001	0.25	0.58	15.7	<0.2	<10	430	0.49	0.23	0.19	0.95	10.75	5.4	12
DD024936		0.42	0.001	0.04	1.28	26.6	<0.2	<10	100	0.79	0.48	0.04	0.71	14.35	14.5	19
DD024937		0.58	0.002	0.70	0.87	22.2	<0.2	<10	330	1.13	0.35	0.37	1.55	12.60	13.8	15
DD024938		0.42	0.002	0.17	1.17	21.8	<0.2	<10	110	0.89	0.42	0.03	1.29	13.70	15.5	18

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Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD024899		1.35	62.2	4.07	6.47	0.15	<0.02	0.07	0.052	0.11	10.1	2.3	0.07	84	76.9	0.01
DD024900		1.14	24.2	2.02	3.59	0.05	<0.02	0.14	0.043	0.15	7.2	0.7	0.02	31	84.7	0.01
DD024901		1.15	23.6	1.40	3.13	<0.05	<0.02	0.04	0.027	0.10	6.9	1.1	0.02	70	27.6	0.01
DD024902		1.38	24.2	2.54	5.26	<0.05	<0.02	0.05	0.033	0.07	8.7	9.8	0.20	290	12.40	<0.01
DD024903		1.29	25.9	3.13	4.88	<0.05	<0.02	0.03	0.034	0.06	8.1	15.3	0.31	570	6.52	<0.01
DD024904		1.30	22.9	2.72	5.51	0.05	<0.02	0.04	0.029	0.05	11.6	16.6	0.36	341	4.60	0.01
DD024905		0.95	42.1	1.96	2.57	<0.05	<0.02	0.13	0.032	0.07	6.8	6.5	0.15	213	10.25	0.01
DD024906		1.05	19.6	2.33	5.26	<0.05	<0.02	0.02	0.025	0.07	7.2	2.0	0.05	262	12.50	0.01
DD024907		1.48	18.7	2.68	5.06	<0.05	<0.02	0.04	0.026	0.10	8.3	7.5	0.17	351	11.95	0.01
DD024908		1.22	20.2	2.73	5.68	<0.05	<0.02	0.06	0.028	0.08	10.6	7.8	0.17	422	12.30	0.01
DD024909		0.90	18.2	1.45	1.70	<0.05	<0.02	0.89	0.028	0.14	3.1	0.9	0.02	31	30.1	0.01
DD024910		0.86	38.0	0.87	0.68	<0.05	0.03	0.11	0.017	0.14	1.6	0.5	0.01	<5	35.8	0.01
DD024911		1.46	47.0	1.40	2.74	0.06	<0.02	0.10	0.040	0.17	6.1	0.8	0.02	20	57.4	<0.01
DD024912		1.69	108.0	3.76	4.84	0.20	0.02	1.36	0.073	0.21	12.3	2.1	0.06	47	72.0	<0.01
DD024913		1.22	67.3	2.70	3.53	0.07	0.02	0.32	0.059	0.12	7.9	1.8	0.03	105	24.9	<0.01
DD024914		1.80	24.7	0.68	1.30	0.05	<0.02	0.14	0.021	0.10	2.1	0.8	0.01	<5	10.65	0.01
DD024915		1.48	26.7	0.64	1.75	<0.05	<0.02	0.07	0.024	0.09	1.7	0.6	0.01	5	8.00	<0.01
DD024916		1.51	31.9	0.50	1.08	<0.05	<0.02	0.07	0.019	0.08	1.6	0.6	0.01	10	7.35	<0.01
DD024917		2.08	63.6	1.20	2.77	0.09	0.03	0.10	0.041	0.17	8.2	1.4	0.03	60	18.55	0.01
DD024918		1.17	9.4	0.45	1.26	<0.05	<0.02	0.01	0.014	0.06	1.6	0.5	0.01	11	9.67	<0.01
DD024919		2.86	26.7	0.86	2.18	<0.05	<0.02	0.01	0.053	0.11	3.8	0.7	0.02	11	17.15	<0.01
DD024920		1.28	38.3	1.02	1.64	<0.05	<0.02	0.05	0.061	0.13	2.7	0.7	0.02	12	14.55	0.01
DD024921		2.55	34.6	2.95	3.86	0.06	0.02	0.13	0.057	0.13	7.0	9.5	0.25	203	50.6	0.01
DD024922		2.06	103.0	1.51	2.80	0.09	0.02	0.14	0.042	0.12	5.8	1.7	0.04	102	19.80	0.01
DD024923		1.06	64.2	1.21	2.41	0.05	0.05	0.17	0.029	0.08	6.3	5.1	0.12	118	10.05	<0.01
DD024924		0.84	22.9	1.55	3.18	<0.05	0.05	0.16	0.028	0.05	6.9	7.2	0.16	120	10.60	0.01
DD024925		0.47	44.4	2.69	2.42	0.05	0.07	0.24	0.035	0.07	8.1	5.4	0.11	331	17.75	<0.01
DD024926		0.25	14.5	0.75	1.03	<0.05	0.05	0.17	0.012	0.03	4.6	1.4	0.17	477	9.51	0.01
DD024927		0.67	45.0	2.77	2.50	0.06	0.11	0.28	0.037	0.05	10.5	5.5	0.16	370	23.6	0.01
DD024928		0.37	11.2	0.72	1.38	<0.05	0.03	0.13	0.014	0.02	4.4	1.1	0.06	243	2.35	0.01
DD024929		0.71	32.9	2.57	3.04	<0.05	0.08	0.19	0.041	0.05	8.9	6.8	0.19	436	13.70	<0.01
DD024930		1.02	29.3	2.85	2.72	<0.05	0.08	0.16	0.037	0.06	7.3	5.8	0.12	331	11.55	<0.01
DD024931		0.84	28.9	2.77	2.11	<0.05	0.07	0.11	0.042	0.06	5.1	4.4	0.07	259	7.31	0.01
DD024932		0.75	25.0	3.00	2.94	<0.05	0.03	0.09	0.039	0.07	7.4	10.4	0.20	326	5.80	0.01
DD024933		1.05	35.6	2.82	3.47	<0.05	0.03	0.06	0.031	0.06	11.5	14.1	0.32	387	4.92	0.01
DD024934		2.07	24.6	1.57	3.04	<0.05	0.05	0.26	0.033	0.04	4.6	3.9	0.08	69	4.94	0.01
DD024935		1.33	24.4	2.15	2.68	<0.05	<0.02	0.02	0.026	0.05	4.7	4.6	0.07	92	6.53	<0.01
DD024936		1.69	49.7	3.38	4.55	<0.05	0.03	0.02	0.042	0.05	5.3	13.6	0.20	501	8.06	<0.01
DD024937		1.24	52.6	2.85	3.55	<0.05	0.10	0.07	0.033	0.05	5.0	11.2	0.24	545	4.92	<0.01
DD024938		1.38	51.4	3.63	4.34	<0.05	0.03	0.03	0.039	0.06	5.4	15.2	0.27	997	4.71	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024899		0.32	133.5	1740	20.3	13.4	0.002	0.21	16.90	1.4	48.1	1.1	80.4	<0.01	0.26	0.2
DD024900		0.40	8.2	920	27.5	14.1	0.001	0.32	6.48	1.2	6.0	1.0	235	<0.01	0.18	0.8
DD024901		0.12	21.4	840	18.6	11.7	0.001	0.16	2.97	0.3	3.7	0.8	78.0	<0.01	0.10	<0.2
DD024902		0.22	29.2	1460	13.8	9.7	0.001	0.11	1.96	0.7	2.6	0.6	32.9	<0.01	0.09	<0.2
DD024903		0.28	35.5	1200	15.6	9.6	<0.001	0.06	1.54	1.0	1.6	0.5	19.7	<0.01	0.08	0.3
DD024904		0.52	26.0	950	14.8	9.3	0.001	0.04	1.02	1.5	1.4	0.5	16.7	<0.01	0.05	0.5
DD024905		0.19	39.5	1080	11.3	6.9	0.003	0.10	2.84	1.4	2.6	0.4	41.7	<0.01	0.09	0.3
DD024906		0.14	31.3	1110	17.7	11.0	0.002	0.08	2.12	0.3	2.1	0.7	30.8	<0.01	0.08	<0.2
DD024907		0.23	25.6	1310	16.4	14.8	0.001	0.13	2.88	0.4	2.9	0.6	26.7	<0.01	0.06	<0.2
DD024908		0.41	22.2	1370	17.0	12.2	0.001	0.11	1.77	0.7	2.2	0.7	29.9	<0.01	0.08	<0.2
DD024909		0.12	10.6	690	15.2	10.1	0.002	0.31	2.14	0.4	2.4	0.5	45.4	<0.01	0.08	<0.2
DD024910		<0.05	4.7	240	9.8	8.6	0.016	0.33	2.28	1.0	2.5	0.5	35.2	<0.01	0.04	0.7
DD024911		0.07	18.4	1540	33.6	10.4	0.005	0.32	10.70	0.2	18.1	1.3	54.9	<0.01	0.16	<0.2
DD024912		0.11	44.5	>10000	25.7	14.0	0.019	0.34	32.6	5.9	57.0	1.5	326	<0.01	0.29	2.1
DD024913		0.13	75.7	6700	20.0	9.2	0.009	0.21	14.75	2.4	16.2	1.4	223	<0.01	0.20	0.7
DD024914		<0.05	10.5	620	10.8	8.8	0.022	0.19	5.53	0.9	12.7	0.5	44.8	<0.01	0.11	0.3
DD024915		<0.05	7.0	500	11.7	7.6	0.011	0.13	4.42	1.0	5.6	0.4	31.1	<0.01	0.10	0.3
DD024916		<0.05	11.0	210	11.4	6.1	0.016	0.11	5.15	1.5	6.3	0.2	29.8	<0.01	0.10	0.5
DD024917		0.07	24.9	4040	22.1	11.0	0.007	0.24	12.15	1.4	20.8	1.2	150.0	<0.01	0.11	0.9
DD024918		<0.05	4.3	260	6.1	5.9	0.002	0.09	1.07	0.5	1.8	0.4	12.8	<0.01	0.05	0.2
DD024919		0.09	10.5	510	13.9	9.1	0.003	0.13	6.05	1.1	3.9	0.6	40.5	<0.01	0.14	0.4
DD024920		0.06	6.3	300	18.5	9.9	0.006	0.21	2.44	1.4	6.7	0.4	57.3	<0.01	0.11	0.4
DD024921		0.24	30.3	2250	24.2	11.7	0.008	0.26	16.40	2.4	17.1	0.8	185.5	<0.01	0.19	0.5
DD024922		0.08	45.0	3850	18.4	10.6	0.008	0.16	18.45	1.4	18.0	0.9	145.5	<0.01	0.18	0.4
DD024923		0.19	35.5	1860	11.5	7.0	0.004	0.10	7.09	2.2	6.7	0.6	70.1	<0.01	0.10	0.8
DD024924		0.36	38.3	2150	8.3	5.7	0.005	0.14	3.79	1.5	4.7	0.5	57.5	<0.01	0.06	0.3
DD024925		0.18	179.5	2720	11.0	4.5	0.005	0.15	5.47	2.3	8.3	0.6	83.2	<0.01	0.17	0.5
DD024926		0.20	29.4	890	4.7	2.8	0.007	0.21	1.08	0.7	2.9	0.2	33.7	<0.01	0.05	<0.2
DD024927		0.27	200	2100	10.5	4.6	0.006	0.15	4.70	2.7	6.7	0.6	70.9	<0.01	0.22	0.4
DD024928		0.30	9.9	1070	5.2	2.6	0.001	0.21	0.54	0.8	1.5	0.2	27.4	<0.01	0.03	<0.2
DD024929		0.32	117.5	1860	11.8	5.5	0.002	0.13	2.95	2.7	4.0	0.6	49.9	<0.01	0.17	0.6
DD024930		0.24	88.8	1610	12.9	7.1	0.001	0.13	2.24	3.4	3.4	0.6	44.1	<0.01	0.15	0.7
DD024931		0.13	71.0	1520	13.4	6.5	0.002	0.10	1.58	3.4	2.5	0.5	33.8	<0.01	0.12	0.7
DD024932		0.28	42.0	1300	14.4	6.9	<0.001	0.06	1.32	3.9	1.9	0.4	42.7	<0.01	0.07	1.7
DD024933		0.48	38.9	1160	11.4	6.6	0.001	0.03	1.93	4.0	1.2	0.4	36.9	<0.01	0.06	2.1
DD024934		0.24	24.7	2090	11.6	6.6	0.003	0.15	1.22	2.7	2.9	0.5	58.5	<0.01	0.05	0.4
DD024935		0.31	24.6	510	15.1	7.2	<0.001	0.06	2.13	2.2	1.4	0.4	48.2	<0.01	0.09	1.0
DD024936		0.45	41.3	570	41.3	7.5	0.001	0.02	0.90	3.8	1.8	0.5	13.1	<0.01	0.05	1.8
DD024937		0.15	29.7	570	20.5	5.4	<0.001	0.02	2.27	3.7	2.0	0.4	16.1	<0.01	0.07	1.4
DD024938		0.23	27.7	390	21.9	8.6	0.001	0.01	1.99	3.8	1.5	0.5	6.9	<0.01	0.05	2.2

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ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD024899		0.014	2.83	9.88	972	0.38	17.25	797	<0.5
DD024900		0.009	6.04	6.70	338	0.45	10.80	33	0.5
DD024901		0.008	2.81	2.94	151	0.24	5.26	139	<0.5
DD024902		0.007	0.64	2.21	130	0.17	9.02	177	<0.5
DD024903		0.010	0.46	1.37	83	0.14	4.80	177	<0.5
DD024904		0.016	0.29	1.40	66	0.21	6.63	101	<0.5
DD024905		0.009	0.77	3.13	106	0.15	11.00	182	<0.5
DD024906		0.007	0.74	1.40	134	0.19	3.37	195	<0.5
DD024907		0.008	1.01	1.71	162	0.22	5.33	152	<0.5
DD024908		0.017	0.82	1.78	120	0.24	6.72	119	<0.5
DD024909		0.005	1.70	2.84	138	0.17	3.34	49	<0.5
DD024910		<0.005	2.02	5.88	67	0.19	3.83	6	1.8
DD024911		<0.005	2.51	10.45	313	0.43	13.65	129	<0.5
DD024912		0.007	1.24	26.7	713	0.49	36.2	338	0.7
DD024913		0.005	1.25	13.55	276	0.32	24.4	647	0.6
DD024914		<0.005	1.06	4.30	79	0.08	3.13	19	<0.5
DD024915		<0.005	0.91	2.80	53	<0.05	1.78	25	0.5
DD024916		<0.005	0.51	2.54	58	0.05	3.54	24	<0.5
DD024917		<0.005	1.40	12.00	281	0.28	17.50	122	0.6
DD024918		<0.005	1.23	1.27	58	0.08	1.79	14	<0.5
DD024919		0.005	0.99	2.77	131	0.11	2.76	61	<0.5
DD024920		<0.005	1.51	4.24	112	0.10	3.46	17	<0.5
DD024921		0.008	3.43	13.25	583	0.37	10.70	84	0.7
DD024922		<0.005	1.28	13.60	419	0.26	20.1	242	0.6
DD024923		0.007	0.69	6.67	233	0.20	18.35	183	1.5
DD024924		0.009	0.57	6.41	172	0.17	16.70	178	1.1
DD024925		0.005	0.56	6.98	176	0.25	37.4	1240	2.0
DD024926		0.010	0.14	3.95	34	0.12	18.10	244	1.8
DD024927		0.005	0.58	12.30	127	0.35	40.8	1100	2.8
DD024928		0.014	0.07	2.70	19	0.06	9.09	125	1.3
DD024929		0.005	0.48	6.28	97	0.22	29.4	604	2.5
DD024930		<0.005	0.50	5.36	73	0.23	24.8	397	2.3
DD024931		<0.005	0.31	4.65	50	0.09	17.05	308	1.8
DD024932		0.005	0.26	1.51	52	0.10	12.00	184	1.0
DD024933		0.018	0.37	1.57	62	0.22	10.80	156	0.7
DD024934		<0.005	0.63	5.12	42	0.09	8.12	88	1.3
DD024935		0.008	0.45	1.12	54	0.13	5.05	110	<0.5
DD024936		0.009	0.24	1.64	60	0.10	4.65	157	0.8
DD024937		<0.005	0.10	0.84	35	0.05	6.03	190	0.6
DD024938		<0.005	0.20	0.78	38	0.06	4.52	189	0.9

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD024939		0.44	0.001	0.03	1.22	13.9	<0.2	<10	50	0.59	0.43	0.01	0.24	10.05	8.1	19
DD024940		0.44	0.001	0.04	1.81	28.4	<0.2	<10	70	0.98	0.50	0.03	0.67	13.15	14.0	28
DD024941		0.37	0.001	0.03	1.09	14.5	<0.2	<10	40	0.67	0.33	0.01	1.32	6.52	8.6	15
DD024942		0.29	0.023	8.33	0.61	8.5	<0.2	<10	460	0.45	0.34	0.31	1.97	5.57	0.5	12
DD024943		0.53	0.004	3.00	0.26	28.5	<0.2	<10	400	0.25	0.23	0.01	1.25	4.46	1.4	9
DD024944		0.40	0.006	5.99	0.79	27.0	<0.2	<10	1360	0.87	0.24	0.73	10.65	9.30	3.6	27
DD024945		0.39	0.004	0.68	0.45	29.6	<0.2	<10	810	0.52	0.21	0.14	3.11	7.32	4.0	11
DD024946		0.39	0.003	0.40	0.74	17.7	<0.2	<10	1770	0.52	0.19	0.43	3.36	14.55	6.4	15
DD024947		0.41	0.002	0.45	1.03	13.5	<0.2	<10	580	1.01	0.26	1.42	1.33	10.00	9.6	19
DD024948		0.27	0.002	0.20	0.72	10.8	<0.2	<10	530	0.69	0.24	1.28	2.44	7.22	12.8	18
DD024949		0.45	0.002	0.17	0.92	14.1	<0.2	<10	580	1.04	0.30	0.87	1.19	7.49	15.9	17
DD024950		0.46	0.014	0.25	0.95	14.8	<0.2	<10	440	1.04	0.31	1.56	1.86	9.15	14.7	20
DD024951		0.16	0.004	0.12	0.57	3.2	<0.2	<10	530	0.25	0.13	3.25	1.71	7.17	6.0	10
DD024952		0.30	0.002	0.15	0.44	4.9	<0.2	<10	600	0.29	0.14	4.04	2.54	7.79	6.7	14
DD024953		0.20	0.005	0.08	0.13	1.4	<0.2	<10	640	0.07	0.04	5.85	9.99	2.08	3.1	3
DD024954		0.45	0.006	1.31	0.51	27	<0.2	<10	2930	0.53	0.22	13.15	5.88	10.55	15.2	32
DD024955		0.27	0.003	1.64	0.58	6.4	<0.2	<10	2660	0.44	0.11	2.74	2.07	6.17	2.7	16
DD024956		0.30	0.006	3.69	0.80	13.6	<0.2	<10	2970	0.69	0.16	2.18	4.45	10.75	6.0	33
DD024957		0.46	0.007	5.88	0.87	23.4	<0.2	<10	1670	1.20	0.28	0.56	2.53	15.30	1.6	56
DD024958		0.31	0.004	1.96	0.61	19.5	<0.2	<10	250	0.23	0.26	0.03	0.55	16.00	2.4	14
DD024959		0.46	0.005	0.18	0.51	40.1	<0.2	<10	390	0.32	0.30	0.02	0.27	9.27	2.1	13
DD024960		0.43	0.002	0.18	1.03	66.9	<0.2	<10	320	0.55	0.35	0.02	0.38	16.25	8.9	24
DD024961		0.46	0.004	0.22	0.40	25.0	<0.2	<10	370	0.29	0.32	0.02	0.27	7.63	1.5	9
DD024962		0.37	0.002	0.22	0.55	17.2	<0.2	<10	140	0.18	0.23	0.03	0.30	12.80	3.3	13
DD024963		0.43	0.003	0.55	1.21	20.1	<0.2	<10	260	0.42	0.26	0.03	0.53	16.60	6.6	24
DD024964		0.39	0.003	0.31	1.66	25.5	<0.2	<10	340	0.74	0.27	0.05	0.85	20.5	11.9	27
DD024965		0.42	0.002	0.20	1.20	20.3	<0.2	<10	240	0.49	0.24	0.03	0.80	14.70	8.3	22
DD024966		0.34	0.001	0.35	0.60	18.6	<0.2	<10	190	0.25	0.23	0.02	0.34	9.08	3.3	13
DD024967		0.59	0.005	0.58	0.53	27.4	<0.2	<10	710	0.44	0.19	0.15	1.19	12.85	3.2	15
DD024968		0.45	0.002	0.31	1.07	19.7	<0.2	<10	250	0.41	0.23	0.05	0.72	16.65	4.5	21
DD024969		0.33	0.002	0.27	0.56	19.4	<0.2	<10	240	0.28	0.25	0.02	0.72	10.65	3.9	12
DD024970		0.41	0.002	0.21	1.48	12.9	<0.2	<10	450	0.46	0.28	0.07	0.67	23.5	5.1	26
DD024971		0.51	0.002	0.40	0.58	28.2	<0.2	<10	270	0.46	0.20	0.02	0.60	9.37	2.8	16
DD024972		0.46	0.002	0.41	0.80	19.5	<0.2	<10	740	0.44	0.24	0.06	1.35	15.05	5.7	18
DD024973		0.41	0.001	0.29	0.58	15.9	<0.2	<10	1040	0.49	0.19	0.39	2.36	11.30	7.0	15
DD024974		0.34	0.005	0.68	0.90	20.6	<0.2	<10	820	0.76	0.19	1.37	2.70	17.55	7.9	21
DD024975		0.43	0.005	0.53	0.66	14.9	<0.2	<10	610	0.68	0.18	2.04	4.17	21.5	10.4	17
DD024976		0.52	0.004	0.39	1.46	21.0	<0.2	<10	700	0.93	0.27	0.64	1.74	31.3	14.0	27
DD024977		0.41	0.003	0.65	1.23	16.5	<0.2	<10	1020	0.74	0.23	0.86	4.03	23.8	10.0	25
DD024978		0.37	0.002	0.30	1.26	15.5	<0.2	<10	1470	0.74	0.23	1.03	2.32	26.1	9.9	27

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD024939		1.93	26.3	3.71	6.06	<0.05	0.02	0.02	0.042	0.05	4.4	8.5	0.18	378	1.35	<0.01
DD024940		1.95	38.3	4.35	6.23	<0.05	0.04	0.04	0.048	0.06	5.4	27.4	0.41	530	1.84	<0.01
DD024941		2.14	15.0	3.40	4.12	<0.05	<0.02	0.01	0.033	0.05	3.2	4.8	0.09	271	9.83	<0.01
DD024942		1.90	30.0	0.70	2.51	<0.05	0.03	0.52	0.030	0.09	3.1	1.0	0.03	6	8.12	0.01
DD024943		1.04	23.1	1.43	1.41	0.07	<0.02	0.04	0.026	0.11	2.3	1.0	0.01	55	13.25	<0.01
DD024944		0.71	64.0	1.91	2.63	0.05	0.08	0.33	0.036	0.12	5.3	3.7	0.06	113	28.7	<0.01
DD024945		0.70	32.7	1.87	1.67	<0.05	<0.02	0.05	0.032	0.14	4.0	4.6	0.04	105	25.3	0.01
DD024946		0.92	25.4	1.96	2.13	<0.05	0.03	0.07	0.033	0.08	5.9	7.9	0.12	321	13.40	<0.01
DD024947		0.80	31.0	2.69	2.98	<0.05	0.06	0.06	0.037	0.07	6.4	8.2	0.14	272	2.88	0.01
DD024948		0.74	25.8	2.62	2.17	<0.05	0.10	0.05	0.034	0.09	4.9	5.5	0.12	468	4.14	0.01
DD024949		0.86	35.9	3.74	2.45	<0.05	0.06	0.07	0.044	0.11	4.1	9.2	0.13	411	3.36	0.01
DD024950		0.61	33.9	3.61	2.41	<0.05	0.08	0.10	0.051	0.10	8.7	7.6	0.12	380	2.83	0.01
DD024951		0.33	15.5	0.85	1.63	<0.05	0.05	0.13	0.016	0.04	5.8	2.1	0.08	761	1.18	0.01
DD024952		0.29	20.9	1.14	1.15	<0.05	0.06	0.18	0.019	0.04	7.9	2.1	0.09	614	2.13	0.01
DD024953		0.18	10.6	0.26	0.37	<0.05	0.03	0.16	0.005	0.03	2.1	0.8	0.16	372	0.84	0.01
DD024954		0.81	46.5	2.46	1.65	0.06	0.05	0.23	0.034	0.07	8.2	3.7	0.33	319	28.9	<0.01
DD024955		0.55	24.1	0.77	1.95	<0.05	0.05	0.18	0.019	0.04	4.1	2.6	0.06	123	3.71	<0.01
DD024956		0.94	52.4	1.36	2.10	<0.05	0.04	0.33	0.033	0.05	7.4	4.0	0.09	211	7.32	<0.01
DD024957		1.04	129.5	2.31	3.43	0.10	0.02	0.29	0.044	0.14	10.4	2.1	0.05	36	21.9	<0.01
DD024958		1.47	21.4	1.21	5.07	<0.05	<0.02	0.12	0.018	0.05	8.1	1.0	0.03	42	14.85	0.01
DD024959		1.38	32.9	1.46	1.94	<0.05	<0.02	0.08	0.032	0.11	4.3	1.5	0.04	42	35.4	<0.01
DD024960		1.46	43.6	3.51	4.58	0.05	0.02	0.08	0.054	0.07	7.6	1.6	0.04	102	40.7	<0.01
DD024961		1.50	16.3	1.32	2.03	<0.05	<0.02	0.06	0.031	0.12	3.9	0.7	0.02	41	39.2	0.01
DD024962		1.26	16.3	1.58	3.95	<0.05	<0.02	0.04	0.017	0.06	6.2	3.0	0.09	102	11.65	<0.01
DD024963		1.23	26.4	2.88	4.71	<0.05	<0.02	0.06	0.032	0.07	7.7	10.2	0.25	376	9.10	<0.01
DD024964		1.33	33.2	3.46	4.81	<0.05	0.03	0.07	0.040	0.09	9.0	24.7	0.45	428	6.82	<0.01
DD024965		1.26	25.9	2.91	4.15	<0.05	<0.02	0.05	0.031	0.08	6.4	12.9	0.29	499	6.69	0.01
DD024966		1.13	23.1	1.75	2.98	<0.05	<0.02	0.05	0.023	0.07	4.3	3.1	0.07	168	9.37	<0.01
DD024967		1.33	42.7	1.55	2.55	<0.05	<0.02	0.17	0.035	0.08	6.1	4.5	0.12	90	15.25	0.01
DD024968		1.07	23.8	2.16	3.83	<0.05	<0.02	0.09	0.028	0.07	8.3	7.9	0.20	198	9.30	0.01
DD024969		1.20	18.6	1.95	3.14	<0.05	<0.02	0.21	0.021	0.09	5.1	1.7	0.04	335	16.30	<0.01
DD024970		1.52	15.6	2.23	5.62	<0.05	<0.02	0.07	0.028	0.06	11.5	11.8	0.29	234	6.31	0.01
DD024971		1.49	35.7	1.75	2.88	<0.05	<0.02	0.07	0.035	0.09	4.5	2.5	0.07	203	11.15	0.01
DD024972		1.23	23.8	2.15	3.63	<0.05	<0.02	0.04	0.027	0.07	7.4	4.2	0.10	372	11.00	0.01
DD024973		0.86	23.5	1.96	2.53	<0.05	<0.02	0.04	0.027	0.06	5.6	5.2	0.10	556	8.34	0.01
DD024974		0.51	39.2	2.57	2.57	0.05	0.11	0.20	0.035	0.06	10.6	7.6	0.22	228	5.32	0.01
DD024975		0.58	47.0	2.72	1.97	0.05	0.10	0.17	0.032	0.07	11.8	5.9	0.28	331	6.22	0.01
DD024976		1.19	36.2	3.30	4.05	0.06	0.06	0.10	0.041	0.07	16.1	13.3	0.43	528	8.78	0.01
DD024977		0.91	28.0	2.60	3.64	0.05	0.05	0.13	0.030	0.07	13.5	14.5	0.38	545	6.16	0.01
DD024978		0.69	20.1	2.70	3.76	0.05	0.04	0.13	0.030	0.07	10.9	14.1	0.39	612	9.41	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024939		0.39	14.1	350	20.3	11.7	<0.001	0.01	0.47	3.2	0.6	0.6	6.7	<0.01	0.05	2.2
DD024940		0.33	26.6	280	29.4	12.5	<0.001	0.01	0.51	4.1	1.0	0.6	7.5	<0.01	0.04	3.1
DD024941		0.38	40.1	530	13.3	9.4	<0.001	0.02	0.66	3.3	0.3	0.5	10.7	<0.01	0.03	1.4
DD024942		0.05	12.4	1440	23.1	8.5	0.003	0.09	7.57	2.6	13.9	0.8	109.5	<0.01	0.16	0.4
DD024943		<0.05	11.8	630	15.0	9.1	0.002	0.20	17.45	1.3	26.7	0.4	109.0	<0.01	0.15	0.8
DD024944		0.08	61.9	3020	14.2	7.9	0.004	0.26	12.65	2.1	10.5	0.8	143.0	<0.01	0.13	0.6
DD024945		0.07	30.3	990	12.3	7.8	0.002	0.32	6.64	1.8	3.7	0.5	92.1	<0.01	0.09	0.6
DD024946		0.15	30.2	1280	11.4	6.6	0.003	0.13	4.19	2.2	3.7	0.5	65.0	<0.01	0.08	0.7
DD024947		0.18	48.7	2060	14.6	8.4	0.001	0.11	0.87	3.4	1.1	0.4	46.7	<0.01	0.07	0.9
DD024948		0.14	53.8	1310	14.5	8.8	0.001	0.17	0.97	3.1	1.0	0.4	30.7	<0.01	0.08	0.8
DD024949		<0.05	57.1	1040	19.1	8.5	0.001	0.20	0.64	5.9	1.1	0.4	43.2	<0.01	0.07	2.1
DD024950		0.10	58.8	1310	19.1	7.4	0.001	0.19	0.76	5.0	2.0	0.5	45.9	<0.01	0.09	1.2
DD024951		0.34	17.7	1470	6.4	2.3	<0.001	0.21	0.55	0.6	0.9	0.2	24.6	<0.01	0.03	0.2
DD024952		0.25	42.5	1630	7.2	2.3	<0.001	0.18	1.01	1.4	1.4	0.2	34.4	<0.01	0.09	0.3
DD024953		0.08	13.3	1200	2.2	1.7	0.001	0.20	0.27	0.4	0.2	<0.2	32.6	<0.01	0.01	0.2
DD024954		0.17	183.0	2780	13.3	4.7	0.003	0.08	4.83	3.3	6.9	0.5	139.5	<0.01	0.32	0.9
DD024955		0.25	17.8	2070	5.8	2.8	0.002	0.23	1.90	1.0	4.4	0.3	56.9	<0.01	0.05	0.3
DD024956		0.27	59.7	2890	9.3	6.4	0.006	0.17	2.94	1.7	6.6	0.5	101.5	<0.01	0.09	0.4
DD024957		0.14	26.7	7390	16.2	10.5	0.008	0.28	8.22	1.3	21.4	0.9	159.0	<0.01	0.18	0.4
DD024958		0.44	15.8	860	13.3	7.1	0.001	0.10	4.39	0.6	4.5	1.0	39.0	<0.01	0.07	<0.2
DD024959		0.10	18.5	530	16.5	9.8	0.008	0.16	3.23	2.6	5.0	0.5	71.5	<0.01	0.14	0.4
DD024960		0.73	90.2	1100	17.8	12.0	0.005	0.08	2.44	5.2	4.0	0.8	99.6	<0.01	0.12	1.6
DD024961		0.15	12.5	560	19.1	11.5	0.004	0.18	2.37	1.0	2.9	0.7	53.4	<0.01	0.11	0.2
DD024962		0.18	17.2	650	10.2	8.8	0.001	0.06	1.42	0.2	1.1	0.6	19.1	<0.01	0.07	<0.2
DD024963		0.22	25.3	1110	12.9	9.6	0.001	0.08	2.02	0.5	2.0	0.5	25.1	<0.01	0.08	<0.2
DD024964		0.30	31.6	1370	16.8	10.4	0.001	0.08	1.46	1.6	1.6	0.5	23.8	<0.01	0.08	0.5
DD024965		0.22	22.6	1000	15.3	9.5	0.002	0.09	1.60	0.7	1.1	0.4	22.4	<0.01	0.07	0.2
DD024966		0.14	14.0	1130	12.3	8.1	0.002	0.07	1.95	0.3	1.3	0.5	22.6	<0.01	0.07	<0.2
DD024967		0.21	18.8	820	10.6	6.8	0.006	0.12	3.77	1.9	3.6	0.4	48.2	<0.01	0.08	0.2
DD024968		0.20	19.3	980	11.7	8.8	0.002	0.09	2.33	0.5	1.5	0.5	29.1	<0.01	0.06	<0.2
DD024969		0.10	18.9	990	12.6	10.6	0.002	0.15	2.23	0.2	2.4	0.5	29.9	<0.01	0.08	<0.2
DD024970		0.28	17.9	970	11.4	10.9	<0.001	0.04	1.22	0.5	1.6	0.7	19.5	<0.01	0.03	<0.2
DD024971		0.05	14.3	1410	10.8	9.3	0.003	0.16	2.37	0.1	2.1	0.4	38.8	<0.01	0.09	<0.2
DD024972		0.11	25.8	1440	13.4	9.1	0.002	0.10	2.35	0.3	2.6	0.6	35.1	<0.01	0.09	<0.2
DD024973		0.11	24.7	1610	11.3	8.1	0.003	0.10	2.27	0.3	1.9	0.4	39.1	<0.01	0.07	<0.2
DD024974		0.33	31.9	1860	13.0	6.2	0.004	0.14	4.06	3.1	2.8	0.4	49.0	0.01	0.04	1.0
DD024975		0.28	42.3	1800	14.3	4.9	0.005	0.11	1.94	3.5	2.3	0.3	60.5	<0.01	0.05	1.1
DD024976		0.64	51.8	1240	17.2	10.6	0.002	0.04	1.59	4.4	1.5	0.5	39.4	<0.01	0.05	1.9
DD024977		0.52	42.5	1830	13.3	9.3	0.003	0.10	1.64	2.6	2.1	0.4	45.1	<0.01	0.04	1.0
DD024978		0.50	42.8	1970	13.6	9.8	0.003	0.11	1.61	1.9	1.9	0.4	48.8	<0.01	0.06	0.8

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Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD024939		0.005	0.13	0.52	33	0.11	2.73	70	0.7
DD024940		<0.005	0.15	0.67	36	0.06	3.70	104	1.5
DD024941		0.006	0.27	0.99	46	0.08	3.71	254	0.5
DD024942		<0.005	1.23	9.47	81	0.05	7.47	31	1.1
DD024943		<0.005	1.48	3.27	154	0.05	3.81	59	<0.5
DD024944		<0.005	2.05	7.88	372	0.27	15.90	345	2.4
DD024945		<0.005	2.88	2.84	159	0.16	8.67	157	<0.5
DD024946		<0.005	1.25	2.99	105	0.14	9.55	150	1.1
DD024947		<0.005	0.15	2.62	63	0.09	15.85	162	1.6
DD024948		<0.005	0.27	2.67	46	0.05	13.55	260	2.4
DD024949		<0.005	0.26	1.42	32	<0.05	12.70	187	2.0
DD024950		<0.005	0.25	1.81	40	<0.05	25.1	208	2.2
DD024951		0.011	0.10	2.50	26	<0.05	12.15	129	1.6
DD024952		0.008	0.11	2.98	36	0.06	20.9	254	2.0
DD024953		<0.005	0.08	1.30	10	<0.05	4.93	509	1.0
DD024954		<0.005	0.76	7.21	94	0.37	29.3	819	1.6
DD024955		0.007	0.23	6.12	71	0.12	10.55	67	1.8
DD024956		0.007	0.37	11.40	118	0.19	26.2	325	1.7
DD024957		0.005	0.83	13.20	227	0.33	28.5	133	<0.5
DD024958		0.012	1.13	3.58	197	0.27	4.23	86	<0.5
DD024959		<0.005	2.44	4.57	159	0.13	8.63	68	<0.5
DD024960		0.014	2.82	7.79	252	0.27	15.05	395	1.3
DD024961		0.005	4.25	3.97	116	0.17	5.60	70	<0.5
DD024962		0.008	0.79	1.30	104	0.18	2.54	78	<0.5
DD024963		0.008	0.61	1.86	120	0.14	5.00	108	<0.5
DD024964		0.007	0.49	1.69	98	0.12	7.43	120	0.7
DD024965		0.007	0.47	1.32	94	0.12	3.92	96	<0.5
DD024966		<0.005	0.69	1.48	132	0.09	2.74	62	<0.5
DD024967		0.011	1.07	5.34	135	0.13	7.78	65	<0.5
DD024968		0.009	0.72	2.66	128	0.17	5.08	86	<0.5
DD024969		0.005	1.08	1.89	129	0.13	4.15	97	<0.5
DD024970		0.013	0.53	1.65	96	0.20	5.77	95	<0.5
DD024971		<0.005	0.95	3.82	132	0.11	4.13	63	<0.5
DD024972		0.006	0.72	2.30	119	0.15	6.40	135	<0.5
DD024973		<0.005	0.54	1.75	95	0.11	5.79	148	<0.5
DD024974		0.006	0.23	4.46	112	0.07	13.65	184	3.0
DD024975		0.008	0.23	2.67	49	0.11	17.40	192	2.8
DD024976		0.015	0.28	2.59	73	0.22	16.05	170	1.6
DD024977		0.016	0.33	3.69	72	0.20	18.10	199	1.5
DD024978		0.016	0.27	4.74	81	0.24	13.35	334	1.1

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ALS Minerals

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD024979		0.42	0.005	0.45	1.10	15.4	<0.2	<10	920	0.69	0.21	0.79	1.34	18.85	6.1	22
DD024980		0.44	0.002	0.19	1.02	14.3	<0.2	<10	370	0.68	0.19	0.42	0.43	39.9	12.8	24
DD024981		0.48	0.002	0.21	0.79	16.3	<0.2	<10	370	0.57	0.21	0.18	0.49	27.7	7.3	14
DD024982		0.31	0.002	0.07	1.16	13.0	<0.2	<10	470	0.78	0.35	0.65	0.75	12.35	10.8	19
DD024983		0.24	0.003	0.60	1.12	18.9	<0.2	10	1340	0.85	0.24	3.50	5.37	17.40	15.0	32
DD024984		0.16	0.002	0.06	0.54	2.7	<0.2	<10	200	0.21	0.10	3.43	1.09	5.84	3.0	7
DD024985		0.16	0.008	0.07	0.55	2.5	<0.2	<10	260	0.20	0.09	3.45	1.99	5.94	3.3	7
DD024986		0.25	0.003	0.44	1.10	15.8	<0.2	<10	1850	0.70	0.22	3.52	3.88	16.90	11.0	28
DD024987		0.27	0.002	0.42	1.14	19.3	<0.2	<10	1770	0.66	0.23	2.85	3.09	17.70	12.7	30
DD024988		0.31	0.004	0.64	0.86	19.4	<0.2	<10	1770	0.62	0.20	4.15	2.11	16.60	10.7	25
DD024989		0.22	0.001	0.14	0.81	10.8	<0.2	<10	850	0.41	0.19	2.07	1.61	12.10	6.9	17
DD024990		0.30	0.002	0.68	1.89	25.2	<0.2	<10	2670	1.14	0.25	1.58	2.04	24.9	17.5	30
DD024991		0.36	0.002	0.28	1.39	12.9	<0.2	<10	420	0.42	0.23	0.07	0.23	21.0	6.0	19
DD024992		0.37	0.002	0.31	1.90	17.1	<0.2	<10	890	0.77	0.30	0.13	0.47	23.2	10.2	28
DD024993		0.30	0.002	0.66	0.62	17.4	<0.2	<10	2060	0.48	0.20	0.52	1.19	10.85	5.8	17
DD024994		0.18	0.005	0.26	1.40	8.1	<0.2	<10	490	0.67	0.20	4.14	9.50	13.30	14.2	25
DD024995		0.21	0.001	0.10	0.62	2.4	<0.2	<10	380	0.26	0.11	3.76	5.82	6.58	5.2	8
DD024996		0.47	0.001	0.10	0.49	10.1	<0.2	<10	310	0.55	0.32	1.71	0.35	7.79	4.6	7
DD024997		0.48	0.002	0.17	0.43	13.4	<0.2	10	630	0.29	0.27	8.50	1.57	7.58	7.4	12
DD024998		0.32	0.002	0.37	0.91	14	<0.2	<10	740	0.62	0.14	12.75	4.39	11.95	17.5	24
DD024999		0.44	0.004	1.15	0.79	23.3	<0.2	<10	1680	0.67	0.21	9.50	6.64	15.75	31.9	35
DD025000		0.33	0.007	2.82	0.75	15.7	<0.2	<10	1320	0.63	0.14	3.42	10.75	11.55	8.4	36
CC135501		0.19	0.005	1.51	1.08	22.5	<0.2	<10	1690	0.65	0.20	2.46	20.0	8.67	21.3	34
CC135502		0.43	0.006	4.41	0.52	21.4	<0.2	<10	2060	0.44	0.17	3.54	9.72	7.73	9.8	39
CC135503		0.28	0.009	10.00	0.60	12.9	<0.2	<10	2790	0.52	0.27	0.85	7.99	10.35	2.1	60
CC135504		0.50	0.009	5.89	1.00	28.6	<0.2	<10	1530	0.90	0.31	1.05	8.46	12.45	6.7	60
CC135505		0.41	0.007	4.22	0.83	22.2	<0.2	<10	2060	0.72	0.23	0.34	3.43	13.80	3.3	45
CC135506		0.34	0.005	1.96	0.97	19.5	<0.2	<10	1300	0.51	0.27	0.16	1.33	16.20	3.9	36
CC135507		0.44	0.005	3.86	0.86	36.2	<0.2	<10	500	0.24	0.30	0.03	0.28	14.05	2.2	22
CC135508		0.47	0.004	1.15	0.64	23.0	<0.2	<10	620	0.32	0.29	0.05	0.45	19.00	1.9	18
CC135509		0.43	0.009	5.48	0.61	44.2	<0.2	<10	1180	0.58	0.35	0.21	3.90	10.05	2.8	27
CC135510		0.44	0.007	0.68	0.46	45.2	<0.2	<10	480	0.19	0.36	0.04	0.19	10.75	1.4	16
CC135511		0.37	0.004	5.00	0.27	19.5	<0.2	<10	680	0.15	0.32	0.02	0.33	8.31	1.2	14
CC135512		0.50	0.003	0.72	0.77	19.3	<0.2	<10	300	0.32	0.24	0.04	0.51	11.80	4.6	18
CC135513		0.44	0.003	0.28	0.51	20.4	<0.2	<10	290	0.22	0.23	0.02	0.28	8.97	1.7	11
CC135514		0.37	0.006	0.22	0.98	17.8	<0.2	<10	250	0.28	0.26	0.03	0.28	12.70	2.9	17
CC135515		0.39	0.002	0.23	1.54	13.5	<0.2	<10	200	0.44	0.22	0.08	0.38	21.3	5.5	24
CC135516		0.35	0.006	0.41	0.55	16.4	<0.2	<10	240	0.76	0.20	0.64	0.68	22.4	13.4	13
CC135517		0.39	0.008	0.60	0.52	21.1	<0.2	<10	230	0.90	0.21	0.57	0.94	27.3	16.1	12
CC135518		0.38	0.007	0.69	0.32	22.8	<0.2	<10	120	0.86	0.20	0.89	0.88	20.8	14.3	8

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD024979		0.89	25.1	2.15	3.42	0.05	0.05	0.11	0.030	0.06	10.5	9.7	0.24	280	6.47	0.01
DD024980		1.00	30.8	3.56	3.26	0.05	<0.02	0.09	0.039	0.08	20.4	9.1	0.21	346	4.87	0.01
DD024981		0.94	25.1	2.36	2.47	<0.05	0.03	0.07	0.033	0.09	14.1	6.8	0.14	228	12.75	<0.01
DD024982		1.11	32.8	3.44	4.29	<0.05	0.05	0.04	0.034	0.05	5.5	14.5	0.29	563	3.84	<0.01
DD024983		0.91	32.2	2.69	3.55	0.07	0.07	0.19	0.036	0.09	15.3	9.2	0.32	581	15.50	0.02
DD024984		0.33	10.2	0.68	1.47	<0.05	0.04	0.17	0.013	0.03	3.8	1.0	0.05	152	0.98	0.01
DD024985		0.32	10.5	0.64	1.52	<0.05	0.03	0.14	0.014	0.03	4.4	0.9	0.04	467	1.75	0.01
DD024986		0.42	20.6	2.30	3.03	0.05	0.04	0.13	0.030	0.07	15.9	7.7	0.23	548	8.42	0.01
DD024987		0.53	25.5	2.37	3.27	0.06	0.05	0.11	0.032	0.07	15.6	8.9	0.27	594	9.51	0.01
DD024988		0.54	26.1	2.32	2.58	0.05	0.06	0.13	0.033	0.08	14.8	6.8	0.53	493	19.85	0.01
DD024989		0.45	13.3	1.77	2.83	<0.05	0.02	0.12	0.024	0.05	9.0	5.5	0.13	729	10.15	0.01
DD024990		1.04	30.6	3.61	5.09	0.06	0.06	0.10	0.044	0.07	14.3	23.8	0.53	722	9.44	0.01
DD024991		1.55	18.7	2.40	6.16	<0.05	<0.02	0.07	0.020	0.06	10.1	11.7	0.21	235	1.92	0.01
DD024992		1.72	27.2	3.37	6.25	<0.05	0.02	0.07	0.033	0.07	11.6	15.1	0.26	669	3.62	0.01
DD024993		0.81	21.8	1.85	2.84	<0.05	0.02	0.04	0.030	0.09	6.0	6.6	0.12	267	18.25	0.01
DD024994		0.94	21.0	2.31	3.30	<0.05	0.08	0.13	0.025	0.06	14.5	5.8	0.13	818	1.71	0.02
DD024995		0.34	9.4	0.82	1.52	<0.05	0.04	0.10	0.013	0.05	4.3	1.6	0.06	812	0.93	0.01
DD024996		1.72	19.2	2.59	1.57	<0.05	0.02	0.05	0.045	0.16	3.5	6.3	0.05	158	1.72	0.01
DD024997		1.32	15.3	2.67	1.80	<0.05	0.02	0.09	0.034	0.19	5.3	4.3	0.15	218	2.70	0.02
DD024998		0.65	28.7	2.28	2.10	0.06	0.06	0.08	0.023	0.06	10.9	5.5	0.33	488	3.01	0.02
DD024999		1.42	49.5	3.52	2.44	0.08	0.05	0.17	0.032	0.12	15.0	5.3	0.15	366	12.70	0.01
DD025000		0.77	58.8	1.70	1.96	0.07	0.06	0.34	0.026	0.06	12.3	4.2	0.11	187	8.22	0.02
CC135501		1.21	56.2	3.47	1.91	0.06	0.08	0.41	0.038	0.06	7.1	4.1	0.08	274	11.05	0.01
CC135502		1.14	68.1	2.11	1.47	0.10	0.06	0.56	0.036	0.07	6.6	1.8	0.10	240	13.00	0.01
CC135503		1.19	88.4	1.40	2.44	0.08	0.02	0.97	0.049	0.06	8.7	1.9	0.04	27	7.86	0.01
CC135504		2.33	103.5	3.14	2.58	0.08	0.02	0.48	0.052	0.15	8.9	3.7	0.07	133	10.55	0.01
CC135505		0.92	72.3	2.34	3.06	0.09	<0.02	0.32	0.036	0.10	8.7	3.4	0.09	68	8.66	0.01
CC135506		0.94	36.3	2.40	5.82	0.06	<0.02	0.16	0.032	0.07	9.2	2.4	0.08	80	8.50	0.02
CC135507		1.07	23.3	1.79	5.99	<0.05	<0.02	0.96	0.033	0.07	7.6	1.7	0.06	44	24.4	0.01
CC135508		1.50	21.6	1.30	4.46	0.05	<0.02	0.14	0.032	0.09	9.8	1.3	0.04	35	32.9	0.01
CC135509		0.93	50.3	2.06	3.21	0.09	0.02	0.27	0.075	0.18	5.5	1.2	0.06	51	61.9	0.01
CC135510		1.23	25.1	2.88	3.77	<0.05	<0.02	0.11	0.068	0.26	5.7	2.0	0.06	44	103.0	0.01
CC135511		1.15	16.9	1.16	3.07	<0.05	<0.02	2.64	0.040	0.14	4.4	0.5	0.02	18	32.7	0.01
CC135512		1.09	22.3	2.22	3.51	<0.05	<0.02	0.10	0.028	0.10	5.8	5.0	0.14	284	19.15	0.01
CC135513		0.83	14.1	1.59	2.81	<0.05	<0.02	0.13	0.021	0.08	4.5	1.2	0.04	94	19.30	0.01
CC135514		1.35	13.8	1.88	4.34	<0.05	<0.02	0.27	0.020	0.08	6.6	2.8	0.10	129	13.20	0.01
CC135515		1.23	16.0	2.25	5.11	<0.05	<0.02	0.08	0.027	0.06	11.0	11.6	0.31	206	4.89	0.01
CC135516		0.86	53.2	3.59	1.65	0.05	0.10	0.16	0.038	0.07	12.1	3.5	0.12	300	5.84	0.01
CC135517		1.08	65.0	3.97	1.45	0.06	0.08	0.22	0.045	0.08	13.8	3.1	0.08	251	5.50	0.01
CC135518		1.05	66.0	3.84	0.97	0.06	0.07	0.37	0.042	0.08	10.6	1.5	0.07	247	5.74	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD024979		0.46	31.6	1510	10.7	8.9	0.001	0.08	1.66	2.2	1.9	0.4	40.0	<0.01	0.05	0.8
DD024980		0.22	31.6	1550	14.5	9.3	0.001	0.03	1.06	1.7	1.1	0.4	21.6	<0.01	0.06	0.3
DD024981		0.26	23.5	1010	14.0	8.4	0.001	0.13	1.49	1.8	2.2	0.4	28.8	<0.01	0.07	0.7
DD024982		0.42	22.3	410	18.3	8.4	<0.001	0.04	0.67	3.3	0.6	0.5	23.6	<0.01	0.05	1.9
DD024983		0.42	105.5	2740	14.6	8.5	0.005	0.14	1.97	2.7	9.9	0.5	48.4	<0.01	0.15	0.8
DD024984		0.35	7.7	890	4.9	2.9	0.001	0.23	0.36	0.9	1.2	0.2	25.2	<0.01	0.02	0.2
DD024985		0.34	8.4	1090	4.8	1.9	0.001	0.22	0.34	0.7	1.2	0.2	25.3	0.01	0.03	<0.2
DD024986		0.35	48.9	2820	13.0	5.9	0.001	0.16	1.16	1.4	3.8	0.4	38.0	<0.01	0.16	0.4
DD024987		0.43	54.4	2920	13.9	6.8	0.001	0.16	1.29	2.0	4.5	0.5	35.6	<0.01	0.14	0.5
DD024988		0.31	66.0	2140	12.6	6.4	0.004	0.13	1.82	2.5	3.4	0.4	55.5	<0.01	0.13	0.7
DD024989		0.38	30.4	1270	11.1	5.4	0.001	0.15	0.75	1.3	1.9	0.4	26.3	<0.01	0.13	0.2
DD024990		0.27	53.3	1010	17.4	9.6	0.001	0.11	0.93	3.4	2.1	0.4	23.6	<0.01	0.10	0.8
DD024991		0.36	12.4	930	11.3	11.6	<0.001	0.03	0.47	1.4	1.0	0.6	10.5	<0.01	0.06	0.5
DD024992		0.45	19.8	1800	16.3	13.8	<0.001	0.07	0.92	1.8	0.8	0.7	15.4	<0.01	0.07	0.5
DD024993		0.28	31.8	1680	12.2	10.9	0.001	0.17	3.15	0.8	3.9	0.4	43.4	<0.01	0.10	0.2
DD024994		0.51	56.9	8330	11.4	7.5	<0.001	0.23	0.97	1.8	1.9	0.4	47.7	0.01	0.11	0.5
DD024995		0.30	11.6	2370	5.8	3.8	<0.001	0.32	0.39	0.6	0.6	0.2	25.4	0.01	0.03	0.2
DD024996		<0.05	24.0	620	22.4	12.9	0.001	0.44	0.41	3.9	0.3	0.4	43.9	<0.01	0.06	2.4
DD024997		0.10	55.2	930	19.3	12.6	0.001	0.40	0.92	2.3	1.4	0.5	77.9	<0.01	0.06	1.4
DD024998		0.28	123.5	2210	9.1	4.9	0.001	0.09	2.17	2.2	3.8	0.3	116.5	<0.01	0.13	0.6
DD024999		0.25	244	5380	13.1	8.3	0.003	0.07	3.58	4.2	10.1	0.6	134.0	<0.01	0.26	2.2
DD025000		0.22	131.5	3690	7.7	5.5	0.004	0.17	2.67	2.2	9.3	0.4	103.5	<0.01	0.12	0.4
CC135501		0.18	301	2940	11.2	6.7	0.003	0.14	2.70	3.5	7.6	0.5	126.5	<0.01	0.20	0.7
CC135502		0.14	135.0	2230	11.0	5.9	0.008	0.19	2.49	3.0	12.0	0.4	103.0	<0.01	0.18	0.5
CC135503		0.17	66.0	2080	14.0	7.7	0.021	0.17	2.11	1.9	15.8	0.7	105.5	<0.01	0.16	0.2
CC135504		0.10	96.3	4960	17.0	12.7	0.006	0.28	3.05	2.2	14.8	0.8	177.5	<0.01	0.31	0.3
CC135505		0.18	37.8	6250	12.7	9.3	0.010	0.14	4.61	1.5	16.6	0.8	164.5	<0.01	0.16	0.3
CC135506		0.14	34.2	3980	15.0	6.6	0.003	0.15	3.76	0.3	18.0	0.9	147.5	<0.01	0.13	<0.2
CC135507		0.46	10.0	990	20.7	7.6	0.002	0.13	8.05	0.6	10.4	1.1	50.8	<0.01	0.17	<0.2
CC135508		0.25	10.7	1070	19.2	10.1	0.005	0.16	7.36	0.5	10.7	1.2	120.0	<0.01	0.15	<0.2
CC135509		0.11	37.6	1150	29.1	12.5	0.010	0.41	26.4	2.8	28.4	1.3	262	<0.01	0.26	0.6
CC135510		0.28	7.6	580	26.7	21.3	0.003	0.67	5.96	1.0	10.8	0.7	53.5	<0.01	0.16	0.4
CC135511		0.10	8.9	1170	28.4	10.7	0.002	0.26	5.40	0.7	9.7	1.0	90.1	<0.01	0.14	<0.2
CC135512		0.08	18.9	1880	14.6	10.7	0.003	0.14	3.03	0.2	3.1	0.5	36.7	<0.01	0.11	<0.2
CC135513		0.13	10.3	660	13.3	8.6	0.003	0.10	2.93	0.2	2.2	0.6	33.1	<0.01	0.08	<0.2
CC135514		0.19	11.5	970	16.0	11.1	0.003	0.12	2.61	0.2	2.2	0.7	36.3	<0.01	0.08	<0.2
CC135515		0.32	15.5	1090	10.4	11.3	0.001	0.05	1.26	0.8	1.6	0.5	18.0	<0.01	0.05	0.3
CC135516		0.15	40.5	1630	16.1	6.5	0.002	0.05	1.66	5.1	1.5	0.3	34.4	<0.01	0.07	1.3
CC135517		0.11	46.4	1670	19.7	6.7	0.001	0.05	1.68	6.6	2.2	0.3	30.6	<0.01	0.10	1.6
CC135518		0.06	43.1	1720	22.3	4.7	0.002	0.07	1.96	6.3	2.3	0.2	33.8	<0.01	0.09	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD024979		0.012	0.39	3.97	90	0.19	13.35	136	1.5
DD024980		0.006	0.25	1.36	52	0.10	11.25	110	<0.5
DD024981		0.008	1.20	1.63	66	0.13	9.94	79	0.8
DD024982		0.005	0.13	0.85	39	0.11	4.68	120	1.8
DD024983		0.010	0.32	6.60	87	0.15	38.8	593	1.9
DD024984		0.017	0.07	1.09	13	0.05	5.54	77	1.7
DD024985		0.015	0.06	1.84	15	0.05	12.05	125	1.5
DD024986		0.009	0.17	5.58	80	0.17	38.9	343	1.2
DD024987		0.012	0.18	5.97	82	0.21	37.7	291	1.4
DD024988		0.009	0.21	4.94	71	0.18	31.5	380	1.6
DD024989		0.009	0.11	3.57	66	0.13	17.25	212	0.7
DD024990		0.005	0.17	2.63	66	0.17	23.9	292	1.4
DD024991		0.008	0.21	0.57	57	0.13	3.28	43	<0.5
DD024992		0.009	0.33	1.42	92	0.16	9.13	87	0.6
DD024993		0.007	0.72	2.12	136	0.23	8.16	176	0.7
DD024994		0.010	0.25	3.53	55	0.08	31.7	242	2.8
DD024995		0.010	0.09	1.95	19	0.05	7.73	90	1.7
DD024996		<0.005	0.30	0.70	16	<0.05	4.80	96	1.0
DD024997		<0.005	0.53	1.71	36	0.05	12.05	250	1.0
DD024998		0.008	0.33	3.53	93	0.12	35.5	590	1.9
DD024999		0.008	1.60	6.18	100	0.18	40.6	1220	2.3
DD025000		0.007	1.01	6.63	75	0.15	46.5	680	2.3
CC135501		0.005	1.61	7.30	101	0.13	48.7	1900	2.6
CC135502		0.006	1.38	6.11	81	0.17	36.0	779	2.2
CC135503		0.005	1.28	13.65	73	0.24	37.0	265	0.8
CC135504		0.005	0.74	9.61	105	0.22	43.2	503	0.6
CC135505		0.008	0.45	6.17	161	0.28	19.45	214	0.6
CC135506		0.006	0.47	4.60	150	0.24	10.95	191	<0.5
CC135507		0.015	1.09	5.76	433	0.33	5.08	46	<0.5
CC135508		0.010	1.63	6.72	296	0.35	7.42	49	<0.5
CC135509		<0.005	3.40	13.95	475	0.43	16.50	219	0.9
CC135510		0.011	5.05	4.09	290	0.39	4.02	27	<0.5
CC135511		0.005	2.46	1.95	130	0.24	2.44	65	<0.5
CC135512		0.006	1.22	2.33	161	0.15	3.76	98	<0.5
CC135513		0.006	1.35	2.15	173	0.16	3.43	52	<0.5
CC135514		0.006	1.28	1.88	187	0.19	3.50	58	<0.5
CC135515		0.014	0.48	2.13	76	0.20	4.97	72	<0.5
CC135516		<0.005	0.17	1.30	38	0.05	14.80	161	2.8
CC135517		<0.005	0.16	1.33	30	<0.05	18.10	171	2.4
CC135518		<0.005	0.14	1.33	25	<0.05	16.90	172	2.4

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
CC135519		0.42	0.008	0.66	0.36	20.4	<0.2	<10	170	0.75	0.16	0.67	1.76	24.5	14.7	8
CC135520		0.44	0.005	0.31	0.37	15.7	<0.2	<10	170	0.72	0.16	0.47	0.83	19.35	11.1	8
CC135521		0.28	0.012	0.69	0.31	16.9	<0.2	<10	140	0.91	0.17	1.02	0.70	24.0	16.4	9
CC135522		0.39	0.017	0.89	0.39	22.1	<0.2	<10	180	0.76	0.18	1.02	1.15	34.0	23.3	14
CC135523		0.22	0.013	0.52	0.38	13.3	<0.2	<10	210	0.63	0.13	1.47	0.80	36.8	15.8	10
CC135524		0.25	0.023	0.51	0.59	20.0	<0.2	<10	260	0.73	0.14	1.38	0.46	24.2	11.3	10
CC135525		0.46	0.012	0.93	0.38	24.1	<0.2	<10	160	0.61	0.15	0.59	1.76	46.2	14.7	7
CC135526		0.37	0.002	0.07	1.85	12.9	<0.2	<10	170	0.75	0.17	0.43	0.30	36.1	16.4	28
CC135527		0.22	0.001	0.20	1.22	7.0	<0.2	<10	370	0.46	0.14	0.74	0.29	34.9	20.1	22
CC135528		0.33	0.001	0.08	1.89	10.1	<0.2	<10	140	0.55	0.18	0.07	0.20	22.9	12.3	103
CC135529		0.33	0.001	0.16	1.27	11.6	<0.2	<10	110	0.57	0.15	0.08	0.46	20.1	8.7	24
CC135530		0.33	0.002	0.06	1.18	14.8	<0.2	<10	110	0.64	0.17	0.15	0.64	49.5	18.5	25
CC135531		0.33	0.003	0.17	1.37	18.8	<0.2	<10	200	0.73	0.16	0.17	0.75	50.6	18.8	19
CC135532		0.40	0.002	0.20	1.47	14.7	<0.2	<10	1020	1.16	0.22	0.69	0.40	11.60	14.7	21
CC135533		0.42	0.002	0.24	1.10	12.4	<0.2	<10	940	0.80	0.20	0.93	1.10	6.79	11.4	19
CC135534		0.41	0.003	1.04	0.78	10.7	<0.2	<10	860	0.81	0.21	1.76	3.74	7.09	11.6	18
CC135535		0.36	0.004	0.99	1.08	13.1	<0.2	<10	1150	0.63	0.17	1.26	9.39	22.6	15.0	30
CC135536		0.41	0.003	0.87	0.91	17.9	<0.2	<10	1300	0.91	0.24	1.42	8.20	11.95	17.8	22
CC135537		0.39	0.003	1.02	1.52	19.3	<0.2	<10	1830	0.94	0.20	1.13	5.47	22.9	16.4	34
CC135538		0.41	0.003	0.54	0.81	17.0	<0.2	<10	1170	0.92	0.24	1.43	7.77	10.05	20.3	16
CC135539		0.35	0.002	0.23	0.53	11.9	<0.2	<10	430	0.69	0.31	0.71	1.17	7.53	8.3	11
CC135540		0.32	0.002	0.12	0.76	9.8	<0.2	<10	500	0.83	0.22	0.73	1.04	5.69	8.7	10
CC135541		0.31	0.004	0.33	0.85	11.0	<0.2	<10	1060	0.64	0.20	1.48	3.43	12.65	9.0	18
CC135542		0.29	0.003	0.26	0.86	11.9	<0.2	<10	600	0.66	0.18	1.63	3.60	11.60	12.3	16
CC135543		0.32	0.004	0.74	1.16	17.6	<0.2	<10	990	0.92	0.21	1.29	9.76	12.80	16.1	24
CC135544		0.34	0.003	0.48	1.44	14.3	<0.2	<10	1700	0.91	0.18	0.81	3.77	16.25	9.0	26
CC135545		0.32	0.004	0.62	1.09	15.6	<0.2	<10	1190	0.77	0.21	1.38	5.48	17.00	16.0	22
CC135546		0.47	0.002	0.38	0.73	13.8	<0.2	<10	1160	0.58	0.22	3.66	5.09	16.15	16.0	17
CC135547		0.24	0.004	0.86	1.14	14.7	<0.2	<10	1970	0.62	0.13	2.65	9.29	12.85	10.6	23
CC135548		0.40	0.003	0.35	1.66	29.4	<0.2	<10	2000	0.93	0.20	0.24	1.90	20.7	9.5	34
CC135549		0.37	0.004	0.22	2.05	21.3	<0.2	<10	2190	1.02	0.23	0.26	0.82	31.6	13.8	35
CC135550		0.41	0.001	0.10	1.80	14.8	<0.2	<10	970	0.72	0.20	0.16	0.46	22.2	9.8	26

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
CC135519		0.85	62.7	3.22	1.03	<0.05	0.07	0.34	0.046	0.06	12.4	2.3	0.05	382	5.61	0.01
CC135520		0.59	48.8	2.86	1.14	<0.05	0.05	0.13	0.044	0.07	8.7	2.5	0.05	315	7.68	0.01
CC135521		1.38	71.9	3.43	0.97	0.05	0.08	0.29	0.040	0.07	12.4	2.5	0.07	431	4.65	0.01
CC135522		1.73	119.5	4.28	1.42	0.05	0.07	0.36	0.043	0.15	18.4	3.5	0.14	430	7.05	0.01
CC135523		1.18	71.2	2.81	1.25	0.06	0.07	0.24	0.033	0.12	21.0	4.5	0.12	574	3.19	0.01
CC135524		0.75	83.4	2.37	1.83	0.05	0.07	0.30	0.032	0.10	20.4	7.6	0.13	701	2.05	0.01
CC135525		0.57	53.7	3.15	0.84	0.06	0.07	0.30	0.035	0.07	24.9	2.6	0.05	249	12.05	0.01
CC135526		1.86	21.0	3.97	6.71	<0.05	<0.02	0.05	0.036	0.06	15.7	18.7	0.33	1260	1.88	0.01
CC135527		1.70	21.1	2.65	5.08	0.06	<0.02	0.07	0.025	0.06	22.4	8.2	0.20	1830	2.34	0.01
CC135528		2.07	21.4	3.97	8.74	<0.05	0.02	0.05	0.035	0.07	11.3	20.5	0.63	673	2.85	0.01
CC135529		1.98	30.2	2.94	4.78	<0.05	<0.02	0.09	0.029	0.06	10.0	5.3	0.13	331	4.21	0.01
CC135530		1.41	36.5	4.36	4.15	0.06	<0.02	0.09	0.038	0.07	22.4	12.7	0.30	492	3.42	0.01
CC135531		1.51	58.5	4.60	4.37	0.06	0.03	0.10	0.051	0.09	26.2	11.0	0.27	403	5.53	0.01
CC135532		1.11	40.0	3.66	4.06	<0.05	0.06	0.12	0.041	0.07	4.9	21.8	0.40	323	2.14	0.02
CC135533		1.19	31.3	3.07	3.48	<0.05	0.06	0.08	0.038	0.08	3.9	15.7	0.31	258	2.94	0.02
CC135534		0.67	35.0	2.50	2.18	<0.05	0.06	0.20	0.041	0.05	4.7	5.0	0.10	262	3.22	0.02
CC135535		0.78	33.6	2.46	2.97	0.06	0.05	0.27	0.037	0.05	14.3	9.3	0.16	387	4.62	0.02
CC135536		1.08	36.3	3.57	2.24	0.05	0.04	0.14	0.041	0.08	8.8	7.8	0.19	397	3.96	0.01
CC135537		1.14	28.1	3.23	3.33	0.07	0.02	0.16	0.038	0.05	15.1	7.0	0.10	596	6.27	<0.01
CC135538		1.30	39.2	3.72	1.97	0.05	0.06	0.12	0.041	0.06	6.7	6.6	0.16	482	2.94	<0.01
CC135539		0.97	30.7	3.17	1.67	<0.05	0.05	0.23	0.049	0.08	3.9	3.4	0.04	141	2.22	0.01
CC135540		1.28	24.4	2.67	1.98	<0.05	0.05	0.06	0.043	0.06	2.9	4.7	0.08	172	1.76	0.02
CC135541		0.63	24.4	2.40	2.62	<0.05	0.05	0.11	0.035	0.06	8.1	6.4	0.17	224	2.46	0.02
CC135542		0.78	31.6	2.82	2.47	<0.05	0.05	0.10	0.036	0.08	5.8	9.0	0.24	441	2.57	0.02
CC135543		1.01	51.1	3.40	2.70	<0.05	0.09	0.21	0.038	0.08	9.6	8.3	0.15	221	5.99	0.02
CC135544		1.05	32.4	2.70	4.12	<0.05	0.07	0.17	0.035	0.06	10.1	15.8	0.32	223	3.77	0.01
CC135545		0.73	36.8	3.06	3.17	0.05	0.05	0.15	0.039	0.06	12.7	10.8	0.25	279	3.49	0.02
CC135546		0.96	26.2	2.86	2.09	<0.05	0.04	0.10	0.038	0.06	10.6	7.5	0.19	291	3.11	0.02
CC135547		0.69	37.3	2.25	3.10	<0.05	0.06	0.28	0.023	0.05	7.5	9.3	0.23	474	3.86	0.01
CC135548		1.47	47.2	3.40	5.85	0.05	<0.02	0.11	0.050	0.08	10.8	14.7	0.32	263	8.62	0.01
CC135549		1.44	31.2	3.35	6.05	0.05	0.03	0.08	0.045	0.07	16.4	19.2	0.53	598	5.25	0.01
CC135550		1.44	20.4	3.15	5.97	<0.05	0.04	0.05	0.037	0.05	9.5	19.5	0.32	286	3.05	0.02

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Finalized Date: 3-AUG-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
CC135519		0.07	39.5	1810	21.0	5.6	0.001	0.05	2.13	5.6	1.6	0.3	36.5	<0.01	0.10	1.0
CC135520		0.07	30.5	1720	16.7	5.2	0.001	0.04	2.13	4.5	1.4	0.3	26.1	<0.01	0.10	0.8
CC135521		0.08	45.2	1620	22.4	4.9	0.003	0.07	2.27	7.3	2.1	0.3	39.1	<0.01	0.10	1.4
CC135522		0.10	59.2	2330	24.9	6.6	0.004	0.19	3.31	8.0	3.6	0.3	54.2	<0.01	0.12	2.2
CC135523		0.12	35.4	1870	14.9	6.9	0.002	0.10	1.81	5.0	1.9	0.3	52.7	<0.01	0.06	1.1
CC135524		0.19	25.7	1450	12.3	7.1	0.001	0.11	1.78	4.9	1.9	0.3	52.9	<0.01	0.06	0.8
CC135525		0.16	49.5	1210	25.0	3.7	0.004	0.03	3.54	6.3	2.4	0.2	30.4	<0.01	0.07	2.9
CC135526		0.25	22.2	1920	13.5	10.1	<0.001	0.07	0.91	0.7	0.7	0.6	25.1	<0.01	0.04	0.2
CC135527		0.24	16.8	2570	11.9	13.1	<0.001	0.16	0.82	0.8	1.2	0.5	37.1	<0.01	0.03	0.2
CC135528		0.29	27.3	1700	14.9	15.6	<0.001	0.09	1.30	1.2	0.9	0.7	8.0	<0.01	0.05	0.2
CC135529		0.10	25.8	1780	10.6	11.8	0.001	0.08	2.12	0.2	1.5	0.5	6.7	<0.01	0.06	<0.2
CC135530		0.34	41.8	1250	17.9	8.8	0.001	0.03	1.17	1.7	1.4	0.5	11.4	<0.01	0.04	0.4
CC135531		0.24	34.3	2090	20.1	10.9	0.002	0.04	1.74	1.9	2.0	0.6	14.9	<0.01	0.06	0.5
CC135532		0.17	48.9	730	16.8	8.3	<0.001	0.04	0.67	6.6	1.2	0.4	23.9	<0.01	0.06	2.0
CC135533		0.13	42.5	1040	15.3	9.1	0.001	0.10	0.94	4.6	1.9	0.4	31.1	<0.01	0.07	1.2
CC135534		0.12	55.1	1700	14.0	6.7	0.004	0.12	1.36	3.2	4.1	0.4	42.6	<0.01	0.11	0.6
CC135535		0.38	88.6	1950	10.3	7.0	0.001	0.10	1.93	2.9	3.4	0.4	50.4	<0.01	0.21	0.5
CC135536		0.19	95.9	1530	16.5	7.7	0.001	0.08	1.09	5.5	3.0	0.4	45.2	<0.01	0.10	1.1
CC135537		0.47	120.5	2470	12.5	7.4	0.001	0.10	1.86	2.3	5.1	0.5	58.6	<0.01	0.18	0.4
CC135538		0.10	92.4	1510	20.0	7.8	<0.001	0.09	1.03	4.5	2.3	0.3	32.9	<0.01	0.11	0.9
CC135539		<0.05	38.8	980	25.5	6.9	<0.001	0.19	0.60	5.2	1.4	0.4	56.0	<0.01	0.10	1.2
CC135540		0.09	29.2	910	16.8	8.0	<0.001	0.12	0.57	4.1	1.2	0.3	30.0	<0.01	0.07	0.9
CC135541		0.28	45.0	1340	15.5	5.4	0.001	0.14	1.32	2.5	1.6	0.4	36.9	<0.01	0.13	0.5
CC135542		0.25	46.6	1290	13.6	7.5	<0.001	0.19	1.12	3.5	1.7	0.3	37.5	<0.01	0.12	0.8
CC135543		0.27	172.0	2380	17.8	7.2	0.001	0.13	2.33	3.5	3.7	0.5	72.5	<0.01	0.20	0.9
CC135544		0.38	55.4	1720	11.2	9.8	0.001	0.08	1.32	3.4	2.4	0.5	35.7	<0.01	0.08	0.9
CC135545		0.33	73.7	1950	14.9	6.7	0.001	0.09	1.80	3.9	2.7	0.4	40.9	<0.01	0.17	0.7
CC135546		0.19	61.0	1660	14.5	5.3	0.001	0.07	1.74	3.3	1.9	0.4	53.8	<0.01	0.38	0.7
CC135547		0.42	66.8	1960	8.8	5.9	0.001	0.16	1.69	2.0	2.2	0.4	52.5	<0.01	0.08	0.4
CC135548		0.44	56.8	1570	12.8	10.6	<0.001	0.12	2.96	2.7	1.9	0.6	78.8	<0.01	0.10	0.4
CC135549		0.56	42.4	1210	14.4	10.2	<0.001	0.06	1.46	4.5	1.6	0.6	33.1	<0.01	0.06	1.1
CC135550		0.66	25.9	1030	14.2	9.2	<0.001	0.04	0.88	3.0	0.6	0.6	14.3	<0.01	0.08	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
CC135519		<0.005	0.14	1.17	26	<0.05	19.60	170	1.7
CC135520		<0.005	0.11	1.37	33	<0.05	15.70	151	1.4
CC135521		<0.005	0.15	1.43	25	<0.05	20.0	148	2.5
CC135522		<0.005	0.19	1.95	38	<0.05	20.8	181	2.7
CC135523		<0.005	0.13	1.50	23	<0.05	18.90	111	2.0
CC135524		0.006	0.11	1.66	25	0.05	27.1	96	1.9
CC135525		<0.005	0.23	1.14	26	<0.05	21.7	205	3.5
CC135526		0.009	0.21	0.66	57	0.12	4.76	89	0.5
CC135527		0.007	0.26	0.69	47	0.12	13.45	107	<0.5
CC135528		0.009	0.30	0.72	108	0.11	3.67	84	<0.5
CC135529		<0.005	0.31	0.91	54	0.09	4.25	104	<0.5
CC135530		0.014	0.18	0.74	43	0.16	7.20	114	<0.5
CC135531		0.009	0.20	1.19	59	0.13	9.31	195	0.6
CC135532		<0.005	0.15	1.00	33	0.05	13.60	122	1.7
CC135533		<0.005	0.18	1.47	37	<0.05	10.35	148	1.6
CC135534		<0.005	0.42	2.60	44	0.07	21.0	220	1.6
CC135535		0.014	0.66	2.80	69	0.18	39.0	498	1.3
CC135536		<0.005	0.34	2.08	51	0.10	30.8	442	1.1
CC135537		0.010	0.63	4.11	99	0.15	38.7	608	0.5
CC135538		<0.005	0.28	1.83	36	0.06	22.5	426	1.6
CC135539		<0.005	0.63	0.77	23	<0.05	10.70	142	1.5
CC135540		<0.005	0.19	1.11	22	<0.05	6.81	157	1.5
CC135541		0.005	0.32	1.98	47	0.22	21.1	207	1.4
CC135542		<0.005	0.18	1.06	39	0.14	14.95	219	1.5
CC135543		<0.005	0.61	3.37	81	0.13	40.2	863	2.5
CC135544		0.008	0.29	4.66	72	0.14	20.6	271	1.8
CC135545		0.008	0.29	1.67	63	0.19	30.5	350	1.3
CC135546		0.006	0.23	1.16	54	0.13	20.8	232	0.7
CC135547		0.010	0.31	2.56	75	0.14	23.7	342	1.4
CC135548		0.012	0.82	3.73	142	0.22	14.55	230	<0.5
CC135549		0.019	0.36	2.11	82	0.25	21.4	131	0.8
CC135550		0.012	0.23	0.91	67	0.30	5.40	81	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131715

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)

Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2013
Account: RCM

CERTIFICATE WH13131716

Project: Nadaleen
P.O. No.: SO13- 09
This report is for 294 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22- JUL- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ35207		0.28	0.001	0.04	1.44	7.8	<0.2	<10	100	0.48	0.35	0.02	0.14	13.50	8.3	21
ZZ35208		0.33	0.001	0.03	1.22	8.7	<0.2	<10	50	0.45	0.31	0.02	0.10	13.45	10.2	17
ZZ35209		0.33	0.004	0.62	0.46	6.4	<0.2	<10	2250	0.36	0.18	0.50	1.24	3.76	2.1	10
ZZ35210		0.27	0.005	1.83	1.02	27.1	<0.2	10	2260	0.87	0.18	2.47	5.46	13.20	19.4	29
ZZ35211		0.33	0.003	0.23	0.39	11.6	<0.2	10	610	0.28	0.31	0.37	0.19	6.02	2.1	11
ZZ35212		0.38	0.009	0.19	0.33	18.4	<0.2	<10	530	0.25	0.29	0.29	0.17	4.95	3.0	16
ZZ35213		0.38	0.001	0.07	0.64	2.7	<0.2	<10	1080	1.42	0.43	0.50	0.19	13.50	32.0	16
ZZ35214		0.26	0.003	0.33	1.09	18.4	<0.2	<10	580	1.13	0.28	1.27	3.04	17.00	18.1	34
ZZ35215		0.32	0.003	0.20	0.84	15.3	<0.2	<10	450	0.94	0.26	0.86	1.45	11.15	11.1	30
ZZ35216		0.36	0.004	0.24	0.53	18.0	<0.2	10	530	0.62	0.33	0.78	1.35	5.82	8.2	41
ZZ35217		0.35	0.002	0.12	0.32	14.3	<0.2	<10	390	0.38	0.27	0.32	0.27	4.41	3.9	23
ZZ35218		0.32	0.002	0.25	1.47	10.9	<0.2	<10	370	1.91	0.19	2.97	3.64	15.75	23.9	72
ZZ35219		0.25	0.004	0.37	1.61	15.0	<0.2	<10	710	0.94	0.21	2.69	9.68	23.4	37.1	35
ZZ35220		0.29	0.003	0.31	1.97	23.2	<0.2	<10	1560	1.50	0.26	1.23	10.90	25.9	28.5	40
ZZ35221		0.37	0.004	0.51	1.34	26.3	<0.2	<10	910	1.25	0.26	6.69	13.55	26.4	27.6	33
ZZ35222		0.26	0.003	0.36	1.57	16.0	<0.2	<10	390	0.91	0.26	1.37	3.70	27.5	12.1	34
ZZ35223		0.24	0.002	0.39	1.33	14.5	<0.2	<10	430	0.77	0.22	2.54	2.86	26.2	11.3	30
ZZ35224		0.25	0.003	0.32	2.42	24.8	<0.2	<10	640	1.47	0.32	0.58	3.02	51.2	26.0	40
ZZ35225		0.21	0.001	0.27	1.47	15.1	<0.2	<10	470	0.75	0.24	2.03	3.13	23.9	8.6	32
ZZ35226		0.27	0.002	0.79	1.62	22.5	<0.2	<10	630	0.99	0.32	1.69	5.84	29.1	17.1	59
ZZ35227		0.36	0.003	2.72	0.64	42.4	<0.2	10	3560	0.52	0.22	2.75	1.84	19.80	8.2	33
ZZ35228		0.24	0.002	1.35	1.65	23.4	<0.2	<10	460	0.89	0.26	2.32	2.34	26.4	18.5	35
ZZ35229		0.26	0.003	1.43	0.57	21.4	<0.2	<10	2490	0.59	0.18	1.23	1.91	15.40	9.4	29
ZZ35230		0.40	0.003	0.21	1.57	21.5	<0.2	<10	500	0.93	0.25	0.48	4.23	34.4	17.4	30
ZZ35231		0.29	0.005	1.24	1.61	25.2	<0.2	<10	2270	1.20	0.23	1.88	7.36	28.6	20.6	38
ZZ35232		0.30	0.003	0.15	1.95	25.6	<0.2	<10	1740	0.93	0.30	0.63	1.48	24.6	12.6	30
ZZ35233		0.31	0.002	0.10	1.90	20.1	<0.2	<10	440	1.00	0.26	0.23	0.56	33.6	16.0	28
ZZ35234		0.36	0.002	0.10	0.72	17.4	<0.2	<10	130	0.18	0.34	0.02	0.26	25.1	3.7	14
ZZ35235		0.39	0.003	0.23	0.99	21.7	<0.2	<10	390	0.63	0.24	0.31	1.20	18.75	10.6	21
ZZ35236		0.42	0.003	0.21	1.18	41.2	<0.2	<10	720	0.74	0.27	0.15	2.32	18.85	9.8	25
ZZ35237		0.33	0.004	0.65	1.48	24.9	<0.2	<10	1650	0.92	0.24	0.52	1.99	22.2	12.2	30
ZZ35238		0.42	0.004	0.32	1.67	25.2	<0.2	<10	1020	1.01	0.26	0.48	1.11	27.6	15.5	29
ZZ35239		0.37	0.004	1.90	1.64	44.2	<0.2	<10	2270	2.13	0.27	0.86	9.50	24.8	14.0	66
ZZ35240		0.37	0.005	3.12	0.53	25.4	<0.2	<10	1930	0.83	0.31	4.54	2.32	13.05	8.4	39
ZZ35241		0.41	0.005	0.74	0.26	8.4	<0.2	<10	2430	0.32	0.16	5.46	0.48	12.00	2.9	12
ZZ35242		0.26	0.007	2.12	1.36	16.5	<0.2	<10	580	0.80	0.26	2.65	4.48	27.3	17.7	32
ZZ35243		0.33	0.003	0.38	0.96	9.8	<0.2	<10	490	0.74	0.34	4.63	5.17	21.9	8.4	40
ZZ35244		0.42	0.005	0.38	1.77	26.6	<0.2	<10	550	1.12	0.25	0.48	1.28	35.2	19.4	31
ZZ35245		0.27	0.001	0.13	1.95	16.7	<0.2	<10	430	0.72	0.29	0.89	0.92	29.5	11.2	31
ZZ35246		0.25	0.005	0.55	1.32	17.6	<0.2	<10	440	0.87	0.22	3.96	15.90	28.7	39.2	32

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ35207		2.40	35.2	3.02	6.97	<0.05	0.02	0.02	0.031	0.06	5.3	9.8	0.24	228	1.01	0.01
ZZ35208		3.00	16.7	2.86	5.75	<0.05	0.02	0.03	0.029	0.06	5.2	8.8	0.13	955	1.81	0.01
ZZ35209		0.44	23.2	0.69	2.02	<0.05	0.04	0.11	0.021	0.04	2.2	2.6	0.05	79	3.25	<0.01
ZZ35210		0.67	45.1	3.26	2.89	<0.05	0.07	0.30	0.037	0.06	8.6	10.2	0.28	354	24.2	0.01
ZZ35211		1.27	11.6	1.43	1.58	<0.05	0.02	0.23	0.030	0.11	3.4	2.3	0.04	58	4.23	0.02
ZZ35212		1.62	35.5	2.41	2.32	<0.05	0.07	0.23	0.036	0.17	2.9	1.2	0.06	84	5.17	0.02
ZZ35213		1.07	89.5	5.15	2.33	<0.05	0.03	0.03	0.041	0.08	5.3	4.9	0.12	2180	4.11	0.02
ZZ35214		0.87	37.0	3.40	3.01	0.05	0.06	0.13	0.043	0.09	12.5	9.7	0.21	555	4.37	0.02
ZZ35215		0.78	28.8	3.12	2.56	<0.05	0.06	0.10	0.044	0.08	7.2	6.8	0.13	288	3.48	0.01
ZZ35216		1.36	20.4	3.27	2.43	<0.05	0.05	0.15	0.048	0.12	4.8	4.3	0.07	244	6.46	0.01
ZZ35217		1.46	10.8	2.01	1.60	<0.05	0.02	0.07	0.035	0.13	2.4	4.2	0.03	115	3.32	0.01
ZZ35218		0.92	28.1	6.13	2.53	0.07	0.05	0.09	0.051	0.04	13.5	7.7	0.26	607	11.05	0.01
ZZ35219		0.99	30.4	4.74	3.44	0.07	0.04	0.11	0.032	0.05	21.4	9.6	0.26	1190	4.06	0.02
ZZ35220		1.35	45.2	4.94	5.20	0.07	0.08	0.18	0.044	0.08	19.2	14.2	0.33	666	6.57	<0.01
ZZ35221		1.11	81.7	5.72	3.41	0.09	0.06	0.41	0.046	0.07	19.9	9.5	0.26	536	10.80	0.02
ZZ35222		0.95	24.9	2.92	4.42	0.06	0.02	0.12	0.033	0.06	17.9	12.7	0.38	649	2.73	0.01
ZZ35223		0.63	24.2	2.56	3.45	0.06	0.02	0.13	0.032	0.06	23.3	9.8	0.31	965	6.70	0.01
ZZ35224		1.91	41.8	4.26	5.98	0.08	0.06	0.09	0.046	0.08	24.9	19.0	0.50	735	8.76	0.02
ZZ35225		0.84	32.5	2.51	4.02	0.05	0.03	0.09	0.031	0.04	17.0	9.3	0.31	524	1.42	0.02
ZZ35226		0.83	25.6	2.71	4.45	0.10	0.05	0.14	0.049	0.05	29.9	10.0	0.33	489	33.2	0.01
ZZ35227		1.00	54.7	2.70	2.27	0.09	0.07	0.19	0.043	0.09	15.6	3.3	0.09	148	48.6	<0.01
ZZ35228		0.82	22.0	2.77	4.67	0.09	0.05	0.14	0.038	0.05	28.4	9.4	0.30	1040	46.7	0.01
ZZ35229		0.69	31.3	2.16	1.72	0.07	0.04	0.12	0.036	0.07	12.0	3.8	0.14	217	27.5	<0.01
ZZ35230		1.23	29.5	3.22	4.72	0.05	0.06	0.04	0.032	0.07	15.3	19.3	0.53	576	7.27	0.01
ZZ35231		0.89	33.7	3.30	3.98	0.09	0.07	0.23	0.037	0.08	24.3	14.3	0.40	714	14.00	0.01
ZZ35232		1.90	23.2	3.43	6.12	<0.05	0.04	0.10	0.039	0.07	11.3	24.5	0.42	514	8.44	0.01
ZZ35233		1.65	31.2	3.39	5.33	<0.05	0.03	0.03	0.038	0.07	13.3	25.8	0.48	483	3.72	0.01
ZZ35234		1.39	14.8	1.86	7.11	<0.05	<0.02	0.03	0.017	0.05	13.1	2.0	0.06	141	6.22	0.01
ZZ35235		1.62	26.1	2.60	3.41	<0.05	<0.02	0.06	0.034	0.09	9.2	11.1	0.23	448	9.56	0.01
ZZ35236		1.52	28.4	3.52	3.29	0.05	0.04	0.08	0.042	0.07	9.9	11.7	0.24	293	23.6	0.01
ZZ35237		1.21	24.8	3.11	4.16	0.05	0.04	0.08	0.035	0.06	10.9	14.1	0.32	491	16.45	<0.01
ZZ35238		1.34	39.2	3.20	4.76	0.05	0.04	0.10	0.038	0.07	13.7	20.6	0.49	579	7.15	0.02
ZZ35239		1.18	110.5	4.93	4.06	0.10	0.06	0.07	0.064	0.11	16.0	13.1	0.25	313	17.55	<0.01
ZZ35240		0.65	95.9	2.82	2.21	0.09	0.09	0.28	0.062	0.08	9.5	3.3	1.80	213	32.7	<0.01
ZZ35241		1.34	37.1	1.69	0.80	<0.05	0.04	0.17	0.028	0.08	6.7	1.6	2.20	183	6.37	<0.01
ZZ35242		0.75	37.4	2.64	3.72	0.08	0.03	0.20	0.040	0.05	20.5	8.7	0.28	1030	39.4	0.01
ZZ35243		0.59	19.6	2.44	2.62	0.05	0.06	0.08	0.046	0.07	15.1	7.0	0.19	473	1.49	0.01
ZZ35244		1.21	42.9	3.93	4.75	0.06	0.06	0.10	0.041	0.08	18.5	26.6	0.64	835	2.84	0.01
ZZ35245		1.49	17.8	3.05	6.43	<0.05	<0.02	0.04	0.034	0.05	12.7	18.6	0.45	539	11.00	0.01
ZZ35246		0.84	24.5	3.29	3.40	0.08	0.02	0.23	0.034	0.06	25.4	10.4	0.30	1600	6.46	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ35207		0.50	15.5	490	13.2	13.0	<0.001	0.02	0.38	2.6	0.5	0.8	8.0	<0.01	0.05	1.4
ZZ35208		0.43	11.8	480	16.2	10.7	<0.001	0.02	0.53	3.0	0.7	0.7	7.2	<0.01	0.06	1.5
ZZ35209		0.11	11.2	450	14.2	3.8	0.003	0.07	1.03	1.3	1.3	0.7	36.1	<0.01	0.17	0.2
ZZ35210		0.33	128.5	1900	12.6	5.9	0.004	0.13	3.16	3.9	5.7	0.6	70.6	<0.01	0.22	0.9
ZZ35211		0.05	10.3	340	21.6	7.2	0.002	0.16	0.58	1.6	0.5	0.7	37.4	<0.01	0.10	1.0
ZZ35212		<0.05	14.4	320	21.5	10.8	0.001	0.33	0.50	3.7	1.3	0.6	44.2	<0.01	0.13	2.2
ZZ35213		0.06	40.6	360	21.6	6.4	<0.001	0.02	0.28	6.4	0.3	0.6	26.2	<0.01	0.06	3.8
ZZ35214		0.31	88.0	2190	18.6	7.9	0.001	0.12	1.24	4.3	1.8	0.6	36.2	<0.01	0.17	1.3
ZZ35215		0.21	51.6	980	17.3	6.9	0.001	0.09	0.70	4.6	1.3	0.6	29.8	<0.01	0.10	1.3
ZZ35216		0.09	39.6	760	21.0	10.5	0.002	0.26	0.70	3.4	1.7	0.7	42.0	<0.01	0.11	0.9
ZZ35217		<0.05	16.3	520	19.9	11.0	0.002	0.31	0.38	2.9	0.7	0.6	48.3	<0.01	0.08	1.2
ZZ35218		0.39	101.0	3690	12.4	5.5	0.002	0.08	1.39	5.5	3.4	0.4	96.5	0.01	0.13	0.9
ZZ35219		0.42	142.5	3320	13.7	8.0	<0.001	0.10	1.78	2.7	2.7	0.5	36.6	<0.01	0.14	0.6
ZZ35220		0.82	278	1910	17.7	11.4	<0.001	0.05	2.66	5.4	1.9	0.8	56.7	<0.01	0.12	1.9
ZZ35221		0.54	380	1990	16.7	7.7	0.001	0.04	5.13	6.5	5.0	0.8	72.6	<0.01	0.23	2.0
ZZ35222		0.54	39.8	1080	15.8	9.5	<0.001	0.09	1.00	2.8	1.4	0.5	19.5	<0.01	0.06	0.7
ZZ35223		0.43	42.8	1760	15.0	7.9	0.001	0.17	1.26	1.2	2.1	0.5	21.6	<0.01	0.06	0.3
ZZ35224		0.81	204	1120	20.4	17.6	<0.001	0.04	1.76	5.8	1.9	0.8	26.9	<0.01	0.12	2.2
ZZ35225		0.57	25.9	1340	14.0	7.6	<0.001	0.14	1.29	1.6	1.8	0.5	21.4	<0.01	0.06	0.3
ZZ35226		0.51	82.8	1760	20.4	8.9	0.003	0.12	1.66	2.2	5.4	0.7	24.7	0.01	0.11	0.7
ZZ35227		0.10	149.0	2530	17.0	7.5	0.009	0.09	2.30	5.7	5.4	0.8	91.3	<0.01	0.16	2.0
ZZ35228		0.55	93.5	1770	18.3	7.5	0.003	0.13	2.05	2.6	3.0	0.6	25.0	0.01	0.14	0.6
ZZ35229		0.15	84.9	2280	13.3	5.8	0.006	0.06	2.28	4.9	3.8	0.5	69.9	<0.01	0.12	1.8
ZZ35230		0.77	71.4	1100	16.7	10.6	<0.001	0.02	1.26	4.1	1.1	0.5	26.4	<0.01	0.08	3.3
ZZ35231		0.60	85.1	1950	17.3	9.0	0.002	0.07	1.89	5.7	3.5	0.5	48.9	<0.01	0.10	2.4
ZZ35232		0.73	40.8	780	18.7	14.5	0.001	0.04	1.42	3.4	1.1	0.8	23.2	<0.01	0.06	1.8
ZZ35233		0.68	39.7	770	21.0	14.0	<0.001	0.03	0.94	3.3	1.3	0.6	20.8	<0.01	0.07	2.0
ZZ35234		0.27	13.2	510	13.0	9.2	<0.001	0.03	1.13	0.4	0.9	1.0	12.3	<0.01	0.06	<0.2
ZZ35235		0.33	31.5	1140	14.5	9.4	0.004	0.07	2.34	1.9	2.6	0.5	41.7	<0.01	0.07	0.7
ZZ35236		0.33	57.0	730	18.5	8.4	0.001	0.03	3.14	3.4	2.8	0.8	24.4	<0.01	0.11	1.5
ZZ35237		0.37	55.5	1050	16.2	11.9	0.002	0.05	1.59	3.4	2.0	0.6	25.1	<0.01	0.09	1.3
ZZ35238		0.51	44.2	770	19.6	9.8	0.001	0.03	1.42	5.0	1.2	0.5	26.9	<0.01	0.08	2.9
ZZ35239		0.20	146.5	6550	19.4	9.8	0.004	0.14	7.21	5.4	9.8	0.8	266	<0.01	0.22	2.5
ZZ35240		0.07	140.5	1210	23.6	5.5	0.002	0.05	3.06	7.3	15.4	1.1	138.0	<0.01	0.20	2.4
ZZ35241		<0.05	33.0	1260	11.4	5.5	0.007	0.10	1.35	4.6	1.7	0.5	68.1	<0.01	0.13	2.8
ZZ35242		0.40	78.9	1690	16.2	8.3	0.003	0.14	2.57	1.7	9.1	0.6	28.1	<0.01	0.12	0.4
ZZ35243		0.27	31.5	960	17.4	7.5	<0.001	0.09	1.05	2.6	2.2	0.6	32.6	<0.01	0.06	0.6
ZZ35244		0.35	51.5	480	19.9	10.1	0.001	0.03	1.02	6.9	1.2	0.4	18.0	<0.01	0.09	3.3
ZZ35245		0.95	33.5	690	17.1	8.5	0.001	0.05	0.91	2.6	0.7	0.7	17.3	<0.01	0.06	1.0
ZZ35246		0.43	97.9	1580	15.7	10.0	0.001	0.12	1.75	2.2	3.1	0.6	30.9	<0.01	0.07	0.4

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ35207		0.007	0.11	1.46	36	0.11	3.72	53	0.6
ZZ35208		0.008	0.13	0.61	39	0.11	1.80	48	0.5
ZZ35209		<0.005	1.13	1.67	36	0.11	5.53	54	1.0
ZZ35210		0.006	0.58	3.83	67	0.21	32.3	639	1.9
ZZ35211		<0.005	0.86	0.92	21	<0.05	5.12	37	1.2
ZZ35212		<0.005	0.74	0.88	18	<0.05	4.07	36	4.9
ZZ35213		<0.005	0.11	1.95	22	<0.05	8.55	112	1.0
ZZ35214		0.006	0.28	4.73	64	0.10	33.6	358	1.6
ZZ35215		<0.005	0.23	2.46	41	0.05	16.95	244	1.6
ZZ35216		<0.005	0.54	1.68	41	<0.05	15.50	179	1.8
ZZ35217		<0.005	0.48	0.79	18	<0.05	6.75	66	1.3
ZZ35218		0.017	0.20	4.32	78	0.13	80.9	488	1.1
ZZ35219		0.012	0.24	6.25	92	0.17	70.3	739	0.9
ZZ35220		0.012	0.55	3.69	124	0.23	48.4	1260	2.4
ZZ35221		0.012	0.93	4.22	115	0.20	58.7	1880	2.0
ZZ35222		0.016	0.16	2.74	71	0.17	25.3	146	0.7
ZZ35223		0.011	0.16	1.41	70	0.21	43.0	180	<0.5
ZZ35224		0.020	0.55	3.42	91	0.26	33.5	862	1.2
ZZ35225		0.015	0.17	2.74	67	0.20	24.6	124	0.7
ZZ35226		0.012	0.59	4.29	102	0.27	59.6	261	1.1
ZZ35227		<0.005	0.79	9.69	138	0.23	34.1	262	3.0
ZZ35228		0.014	0.49	5.82	82	0.25	60.4	310	1.0
ZZ35229		<0.005	0.30	3.86	92	0.17	36.3	414	1.6
ZZ35230		0.023	0.21	2.41	63	0.31	11.50	352	1.6
ZZ35231		0.014	0.33	4.46	80	0.27	42.9	298	1.8
ZZ35232		0.011	0.41	2.40	97	0.20	7.04	169	0.8
ZZ35233		0.014	0.44	1.46	61	0.17	6.86	124	0.8
ZZ35234		0.016	0.49	0.73	119	0.21	2.56	73	<0.5
ZZ35235		0.012	0.62	1.87	91	0.21	7.12	158	<0.5
ZZ35236		0.007	0.63	2.21	142	0.19	12.30	283	1.5
ZZ35237		0.008	0.35	3.12	88	0.20	13.65	238	1.1
ZZ35238		0.010	0.29	1.69	86	0.13	13.55	153	1.1
ZZ35239		0.005	0.49	9.72	183	0.33	41.8	745	2.0
ZZ35240		<0.005	1.07	6.29	107	0.30	25.1	372	4.8
ZZ35241		<0.005	0.72	2.89	72	0.11	16.55	99	1.9
ZZ35242		0.010	0.56	1.99	93	0.32	40.3	442	0.8
ZZ35243		0.006	0.16	1.83	65	0.11	26.1	199	1.3
ZZ35244		0.009	0.23	1.25	64	0.11	20.2	169	1.6
ZZ35245		0.023	0.29	2.84	72	0.24	7.33	127	<0.5
ZZ35246		0.014	0.60	1.85	89	0.17	57.0	711	0.5

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VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ35247		0.34	0.009	0.48	1.41	24.4	<0.2	<10	920	0.94	0.27	0.99	2.14	26.9	18.1	27
ZZ35248		0.33	0.003	0.31	1.82	24.6	<0.2	<10	1420	1.09	0.29	0.45	1.11	29.4	16.8	30
ZZ35249		0.40	0.006	1.09	1.21	31.7	<0.2	<10	2090	1.04	0.25	1.24	3.31	23.7	14.5	28
ZZ35250		0.39	0.003	0.77	1.23	37.5	<0.2	<10	1190	1.21	0.28	0.36	4.09	22.7	10.3	31
ZZ35251		0.33	0.003	0.51	1.99	17.4	<0.2	<10	1150	0.93	0.28	0.80	1.15	36.6	13.6	31
ZZ35252		0.33	0.003	0.98	2.21	139.0	<0.2	10	3350	4.11	0.18	1.19	22.6	16.05	43.2	59
ZZ35253		0.29	0.003	0.82	1.19	16.2	<0.2	<10	1150	0.75	0.22	3.81	7.09	22.8	12.2	32
ZZ35254		0.17	0.009	0.49	1.39	18.7	<0.2	<10	710	0.83	0.24	2.42	6.09	19.25	14.4	26
ZZ35255		0.28	0.009	0.37	1.28	9.5	<0.2	<10	390	0.67	0.22	3.60	7.15	21.7	9.2	27
ZZ35256		0.40	0.004	0.24	1.12	12.6	<0.2	<10	440	0.59	0.18	6.43	4.53	23.8	11.7	23
ZZ35257		0.31	0.003	0.31	1.58	15.5	<0.2	<10	1030	0.78	0.25	1.27	2.53	28.7	12.3	29
ZZ35258		0.31	0.002	0.33	1.76	19.9	<0.2	<10	580	0.95	0.28	1.39	4.53	28.2	15.4	31
ZZ35259		0.36	0.003	0.48	1.76	29.2	<0.2	<10	570	1.05	0.26	1.66	2.61	27.4	20.3	32
ZZ35260		0.33	0.003	0.31	1.59	43.8	<0.2	<10	2110	2.08	0.28	4.74	9.61	24.6	53.6	40
ZZ35261		0.27	0.002	0.12	1.67	20.3	<0.2	<10	410	0.80	0.25	1.21	1.62	24.8	14.3	28
ZZ35262		0.23	0.003	0.47	1.69	17.3	<0.2	<10	620	1.04	0.26	2.57	7.41	25.4	14.6	34
ZZ35263		0.26	0.005	0.36	1.46	16.8	<0.2	<10	690	0.80	0.24	1.51	3.03	26.8	12.5	34
ZZ35264		0.34	0.004	0.49	1.18	16.8	<0.2	<10	870	0.91	0.26	5.44	6.43	20.3	23.3	33
ZZ35265		0.24	0.005	0.51	1.27	16.0	<0.2	<10	980	0.93	0.23	3.40	7.87	19.70	19.7	33
ZZ35266		0.32	0.004	0.44	1.05	19.7	<0.2	<10	700	0.69	0.24	6.16	4.60	17.45	15.0	30
ZZ35267		0.27	0.004	0.37	1.54	20.3	<0.2	<10	980	0.97	0.26	1.18	1.72	22.1	16.0	31
ZZ35268		0.40	0.003	0.37	1.39	22.8	<0.2	<10	1380	1.07	0.29	0.29	0.63	27.4	15.0	25
ZZ35269		0.26	0.001	0.22	1.40	17.9	<0.2	<10	730	0.98	0.30	1.00	1.37	21.3	9.2	24
ZZ35270		0.26	0.004	0.27	0.86	25.2	<0.2	<10	360	0.63	0.20	2.40	2.95	13.50	9.3	22
ZZ35271		0.24	0.004	1.21	0.81	26.9	<0.2	<10	2410	0.70	0.18	5.31	4.24	12.20	9.0	26
ZZ35272		0.36	0.001	0.11	1.48	23.0	<0.2	<10	1480	0.69	0.34	0.17	0.77	17.90	14.9	26
ZZ35273		0.36	0.002	0.17	1.58	18.3	<0.2	<10	250	0.98	0.34	0.26	0.33	22.0	14.4	26
ZZ35274		0.38	0.003	0.60	1.16	28.4	<0.2	<10	1130	1.01	0.31	0.52	1.93	20.5	13.7	21
ZZ35275		0.30	0.003	0.86	1.66	28.2	<0.2	<10	2540	1.28	0.21	3.34	21.8	14.00	31.2	29
ZZ35276		0.34	0.003	0.39	2.75	41.8	<0.2	<10	1230	2.89	0.23	2.56	27.3	17.10	50.2	32
ZZ35277		0.41	0.004	0.54	1.93	33.9	<0.2	<10	1590	1.41	0.28	0.67	1.38	28.0	18.5	33
ZZ35278		0.35	0.011	0.25	1.65	25.0	<0.2	<10	1310	1.06	0.29	0.20	0.52	29.4	17.5	27
ZZ35279		0.38	0.002	0.31	0.59	6.4	<0.2	<10	200	0.90	0.13	1.54	1.67	24.0	37.4	19
ZZ35280		0.30	0.006	0.35	1.33	17.4	<0.2	<10	590	0.93	0.33	1.36	2.68	20.5	19.1	38
ZZ35281		0.20	0.003	0.29	0.91	16.7	<0.2	<10	670	0.71	0.28	1.61	3.70	13.35	16.6	30
ZZ35282		0.21	0.004	0.38	1.64	20.5	<0.2	<10	830	1.15	0.30	1.27	5.03	26.3	21.5	38
ZZ35283		0.30	0.004	0.39	1.56	21.9	<0.2	<10	960	1.26	0.27	1.65	4.68	24.2	21.1	35
ZZ35284		0.25	0.004	0.35	1.28	15.9	<0.2	<10	440	0.84	0.21	1.79	4.13	21.3	14.6	31
ZZ35285		0.39	0.002	0.09	0.45	7	<0.2	<10	500	0.47	0.13	20.8	8.70	11.90	13.2	28
ZZ35286		0.44	0.003	0.25	2.31	32.3	<0.2	<10	3580	2.71	0.19	6.14	14.95	24.6	72.5	71

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ35247		1.17	63.3	3.33	4.38	0.06	0.08	0.23	0.038	0.08	13.5	20.4	0.47	592	7.38	0.02
ZZ35248		1.31	37.1	3.43	5.07	0.05	0.06	0.08	0.039	0.06	14.2	23.3	0.45	590	7.76	<0.01
ZZ35249		0.85	33.1	3.33	3.03	0.07	0.07	0.26	0.041	0.06	16.8	11.2	0.30	507	24.7	<0.01
ZZ35250		0.85	64.1	3.03	3.44	0.07	0.05	0.03	0.053	0.08	13.0	11.8	0.18	279	25.2	0.02
ZZ35251		1.31	23.2	3.21	5.16	0.05	0.04	0.05	0.039	0.06	13.7	18.7	0.44	794	4.43	0.02
ZZ35252		0.73	65.1	13.55	2.84	0.11	0.11	0.17	0.037	0.05	13.0	8.3	0.21	385	92.5	<0.01
ZZ35253		0.51	22.7	2.42	3.00	0.07	0.05	0.12	0.030	0.04	26.3	7.2	0.27	1420	10.15	0.02
ZZ35254		0.71	26.1	2.78	3.71	0.06	0.04	0.11	0.034	0.05	20.1	8.3	0.26	882	17.65	0.01
ZZ35255		0.61	20.4	2.18	3.27	0.06	0.02	0.13	0.027	0.04	21.3	8.5	0.29	904	1.97	0.01
ZZ35256		0.70	19.2	2.50	3.11	0.05	0.04	0.05	0.027	0.04	15.1	10.5	0.35	618	3.65	0.02
ZZ35257		1.00	23.4	2.78	4.57	0.05	0.04	0.09	0.034	0.05	17.4	14.1	0.45	603	3.53	0.02
ZZ35258		1.17	31.2	3.44	5.28	0.05	0.04	0.11	0.035	0.06	15.8	19.8	0.41	656	4.60	0.01
ZZ35259		0.99	52.3	3.79	4.85	0.07	0.09	0.14	0.040	0.07	17.1	25.3	0.63	718	3.68	0.01
ZZ35260		1.18	83.3	6.92	3.98	0.09	0.09	0.30	0.047	0.07	25.8	10.4	0.21	1060	13.55	<0.01
ZZ35261		1.04	31.0	3.35	4.67	<0.05	0.04	0.07	0.035	0.06	8.9	24.2	0.53	686	1.69	0.01
ZZ35262		0.83	27.5	2.91	4.20	0.06	0.04	0.14	0.034	0.06	18.8	11.6	0.36	637	3.46	0.01
ZZ35263		0.66	27.6	2.80	3.94	0.07	0.04	0.09	0.034	0.06	21.5	13.3	0.43	736	2.39	0.02
ZZ35264		0.78	35.6	3.09	3.09	0.06	0.04	0.17	0.039	0.07	20.2	8.5	0.24	890	4.30	0.02
ZZ35265		0.70	30.8	2.73	2.94	0.06	0.04	0.13	0.036	0.07	18.9	8.4	0.23	936	4.62	0.02
ZZ35266		0.72	29.8	2.78	2.81	<0.05	0.05	0.13	0.032	0.06	14.3	8.2	0.24	543	4.32	0.02
ZZ35267		1.13	29.7	3.20	4.29	0.05	0.06	0.16	0.038	0.05	14.1	13.0	0.34	706	4.07	0.02
ZZ35268		1.28	44.7	3.11	4.17	0.06	0.02	0.09	0.035	0.05	13.7	20.4	0.40	649	4.64	0.02
ZZ35269		0.94	20.2	2.88	3.88	<0.05	0.06	0.06	0.043	0.07	12.1	9.7	0.18	372	2.82	0.01
ZZ35270		0.48	21.0	2.54	2.37	<0.05	0.03	0.11	0.029	0.05	12.3	6.5	0.17	369	10.50	0.01
ZZ35271		0.56	52.0	2.27	2.14	0.05	0.04	0.15	0.036	0.05	11.1	4.5	0.34	338	21.7	<0.01
ZZ35272		1.34	23.7	3.60	5.12	<0.05	0.03	0.03	0.038	0.07	8.2	26.8	0.38	624	4.05	<0.01
ZZ35273		2.44	32.1	3.13	4.77	<0.05	0.04	0.03	0.036	0.07	10.2	23.3	0.44	482	2.50	0.01
ZZ35274		1.06	38.6	2.95	3.45	<0.05	0.06	0.06	0.037	0.05	8.4	17.7	0.34	497	6.49	0.02
ZZ35275		0.64	32.5	5.16	2.84	0.07	0.06	0.16	0.028	0.06	13.1	8.3	0.40	631	24.9	<0.01
ZZ35276		0.85	68.1	9.29	2.74	0.08	0.11	0.14	0.035	0.07	11.4	10.8	0.19	862	55.7	0.02
ZZ35277		1.28	49.1	3.61	4.51	0.06	0.06	0.14	0.042	0.08	13.4	20.5	0.39	828	4.10	0.01
ZZ35278		1.42	47.1	3.35	4.69	0.05	0.03	0.07	0.039	0.05	14.0	24.5	0.48	639	3.70	<0.01
ZZ35279		2.42	67.0	5.16	1.14	0.06	0.05	0.04	0.060	0.05	10.7	5.9	0.05	1320	1.76	0.02
ZZ35280		1.11	38.2	3.15	3.58	0.06	0.06	0.13	0.043	0.08	15.5	10.8	0.25	479	4.39	0.01
ZZ35281		0.82	32.4	2.88	2.79	0.05	0.06	0.13	0.041	0.07	10.2	5.9	0.14	416	3.98	0.01
ZZ35282		1.14	37.7	3.88	4.28	0.08	0.07	0.17	0.040	0.07	18.8	12.3	0.32	618	4.22	0.02
ZZ35283		1.16	44.5	3.94	4.78	0.08	0.10	0.22	0.045	0.07	19.6	13.2	0.31	713	5.35	0.01
ZZ35284		0.78	33.5	3.00	4.03	0.06	0.05	0.16	0.033	0.06	15.7	13.0	0.32	469	3.00	<0.01
ZZ35285		0.86	23.6	1.76	1.36	0.09	0.08	0.08	0.038	0.05	10.6	3.2	0.12	402	1.45	<0.01
ZZ35286		1.57	81.7	10.35	3.15	0.13	0.18	0.30	0.039	0.06	25.5	8.8	0.09	1060	13.85	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ35247		0.56	59.7	1080	17.4	7.4	0.001	0.02	1.60	5.9	1.0	0.6	38.1	<0.01	0.08	3.5
ZZ35248		0.68	48.1	1100	19.0	9.9	<0.001	0.03	1.22	4.5	1.4	0.6	27.1	<0.01	0.08	2.2
ZZ35249		0.51	83.4	1410	16.8	7.2	0.003	0.05	3.75	5.9	3.7	0.6	53.9	<0.01	0.12	2.7
ZZ35250		0.29	66.1	2910	21.2	9.0	0.005	0.08	9.44	3.4	11.4	0.8	166.0	<0.01	0.16	1.8
ZZ35251		0.79	47.6	1820	17.1	9.6	0.002	0.05	1.07	2.8	1.6	0.6	24.4	<0.01	0.07	1.3
ZZ35252		0.42	1440	3710	11.3	5.0	0.002	0.08	5.50	8.4	10.7	0.5	151.5	<0.01	0.09	2.2
ZZ35253		0.41	60.3	2290	14.8	6.8	0.001	0.12	1.38	2.1	3.3	0.5	37.8	0.01	0.09	0.4
ZZ35254		0.51	111.5	1790	14.2	7.9	<0.001	0.15	1.48	1.4	2.1	0.5	22.0	<0.01	0.09	0.3
ZZ35255		0.53	30.9	1790	12.8	7.0	<0.001	0.18	0.82	0.9	1.9	0.4	24.0	<0.01	0.04	0.2
ZZ35256		0.59	55.5	1140	10.8	5.8	<0.001	0.05	1.18	3.0	1.1	0.4	45.8	<0.01	0.09	1.1
ZZ35257		0.72	44.5	1150	14.1	7.3	0.001	0.06	0.97	2.9	1.3	0.6	23.8	<0.01	0.08	0.9
ZZ35258		0.72	60.7	1010	16.9	8.7	<0.001	0.06	1.13	4.6	1.4	0.6	21.8	<0.01	0.09	1.3
ZZ35259		0.39	71.8	520	18.5	7.5	0.001	0.03	1.21	7.2	1.6	0.5	22.7	<0.01	0.11	3.0
ZZ35260		0.45	776	2030	19.7	7.4	0.001	0.03	5.71	9.8	3.1	0.8	66.9	<0.01	0.18	3.5
ZZ35261		0.45	31.8	770	17.3	7.8	<0.001	0.07	0.80	3.2	0.5	0.4	14.2	<0.01	0.08	0.9
ZZ35262		0.67	97.5	1390	14.6	8.1	0.001	0.11	1.70	2.4	1.7	0.6	31.3	<0.01	0.09	0.6
ZZ35263		0.53	43.2	1560	14.7	6.5	<0.001	0.08	1.16	2.7	1.7	0.5	25.2	<0.01	0.08	0.7
ZZ35264		0.40	161.5	2280	14.9	6.5	0.001	0.11	2.60	2.2	2.8	0.6	48.3	<0.01	0.18	0.4
ZZ35265		0.43	118.5	2180	13.2	6.8	<0.001	0.14	2.02	1.8	2.8	0.5	43.8	<0.01	0.13	0.4
ZZ35266		0.50	99.1	2010	13.2	6.5	0.001	0.09	1.80	2.7	2.6	0.6	49.5	<0.01	0.13	0.7
ZZ35267		0.54	72.9	1310	15.4	9.0	<0.001	0.08	1.25	3.3	1.6	0.5	24.8	<0.01	0.10	0.9
ZZ35268		0.40	39.7	910	19.9	7.5	0.001	0.02	1.43	5.1	1.4	0.5	34.1	<0.01	0.07	2.7
ZZ35269		0.57	30.3	630	17.6	8.7	<0.001	0.06	0.65	4.0	0.9	0.6	19.5	<0.01	0.11	1.5
ZZ35270		0.34	47.1	1400	12.2	5.2	0.001	0.13	0.94	1.4	1.7	0.4	24.0	<0.01	0.08	0.3
ZZ35271		0.28	70.5	2780	10.3	5.2	0.004	0.15	2.80	2.0	5.4	0.4	165.5	<0.01	0.15	0.4
ZZ35272		0.57	26.1	800	20.3	11.6	<0.001	0.03	0.73	2.8	0.8	0.6	22.4	<0.01	0.09	1.5
ZZ35273		0.84	29.5	610	22.8	11.2	<0.001	0.03	0.82	3.6	0.8	0.6	18.0	<0.01	0.07	2.9
ZZ35274		0.40	39.8	630	23.5	6.0	0.001	0.04	1.75	3.8	2.1	0.4	27.9	<0.01	0.09	1.7
ZZ35275		0.45	217	2120	11.6	5.8	0.004	0.13	1.60	4.3	6.5	0.5	63.1	<0.01	0.11	0.9
ZZ35276		0.30	356	1950	14.4	5.9	0.001	0.06	1.32	7.7	7.0	0.5	39.8	<0.01	0.10	2.1
ZZ35277		0.55	47.4	1630	22.3	9.3	0.002	0.04	1.41	6.4	1.8	0.5	40.2	<0.01	0.10	3.5
ZZ35278		0.43	41.8	720	20.5	9.1	0.001	0.02	1.25	5.3	1.4	0.5	30.0	<0.01	0.07	3.4
ZZ35279		0.09	106.5	2430	15.9	3.5	0.002	0.02	0.93	11.8	1.6	0.2	34.6	<0.01	0.01	3.6
ZZ35280		0.54	117.0	2340	17.3	9.0	0.001	0.06	1.49	4.4	1.6	0.6	35.6	<0.01	0.19	1.5
ZZ35281		0.39	93.2	2100	17.2	7.6	0.001	0.14	1.64	2.5	1.6	0.6	33.0	<0.01	0.15	0.7
ZZ35282		0.65	168.5	2220	16.0	9.5	<0.001	0.07	2.10	4.1	2.5	0.6	38.1	<0.01	0.14	1.4
ZZ35283		0.49	174.5	1780	19.0	10.8	0.001	0.07	1.97	4.5	2.1	0.7	36.7	<0.01	0.13	1.5
ZZ35284		0.46	109.0	1690	14.9	7.0	0.001	0.07	1.69	2.9	1.4	0.5	30.1	<0.01	0.10	0.8
ZZ35285		0.20	184.0	2240	7.2	6.2	0.001	0.01	2.45	5.1	1.0	0.4	129.0	0.01	0.11	3.1
ZZ35286		0.33	861	3180	16.2	7.9	0.001	0.06	7.81	11.4	3.9	0.5	82.2	0.01	0.21	3.4

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VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ35247		0.015	0.33	1.53	64	0.14	15.80	193	2.5
ZZ35248		0.010	0.29	2.03	71	0.14	14.30	166	1.7
ZZ35249		0.010	0.53	3.50	124	0.26	31.0	387	2.4
ZZ35250		0.005	1.00	5.02	253	0.24	15.10	359	1.4
ZZ35251		0.017	0.23	3.27	93	0.24	12.20	176	1.1
ZZ35252		0.006	0.37	12.75	265	0.18	97.1	7630	4.1
ZZ35253		0.010	0.21	4.47	97	0.20	61.8	387	1.3
ZZ35254		0.009	0.40	4.35	74	0.14	43.8	501	0.9
ZZ35255		0.010	0.10	1.32	65	0.15	39.1	209	0.5
ZZ35256		0.022	0.13	1.81	57	0.30	23.2	237	0.9
ZZ35257		0.019	0.17	1.65	62	0.20	21.1	180	0.8
ZZ35258		0.012	0.21	2.69	74	0.20	23.3	263	1.2
ZZ35259		0.007	0.20	1.32	77	0.15	28.9	258	2.5
ZZ35260		0.006	1.00	5.30	165	0.16	83.2	3610	4.2
ZZ35261		0.009	0.12	1.10	56	0.10	8.88	116	1.0
ZZ35262		0.011	0.24	2.09	89	0.23	34.9	446	1.1
ZZ35263		0.016	0.13	2.24	75	0.15	39.8	177	1.0
ZZ35264		0.009	0.35	4.66	97	0.18	50.7	775	1.0
ZZ35265		0.008	0.30	4.25	96	0.14	51.8	660	1.2
ZZ35266		0.010	0.26	10.25	78	0.14	34.6	472	1.5
ZZ35267		0.008	0.27	4.38	78	0.20	24.0	285	1.5
ZZ35268		0.010	0.27	1.49	67	0.14	15.05	143	0.7
ZZ35269		0.005	0.21	1.26	51	0.15	16.35	114	1.5
ZZ35270		0.006	0.16	2.63	50	0.12	26.8	239	0.8
ZZ35271		0.006	0.46	6.89	91	0.20	29.6	305	1.4
ZZ35272		0.007	0.22	1.02	61	0.12	4.50	129	0.9
ZZ35273		0.014	0.31	0.99	45	0.17	5.53	135	1.3
ZZ35274		0.006	0.34	1.91	58	0.14	9.05	220	2.0
ZZ35275		0.009	0.33	7.66	97	0.18	75.7	1980	1.7
ZZ35276		<0.005	0.39	12.40	124	0.10	117.5	2850	3.0
ZZ35277		0.007	0.27	2.70	80	0.13	21.6	140	2.2
ZZ35278		0.009	0.27	1.46	73	0.11	13.20	131	0.9
ZZ35279		<0.005	0.25	2.00	48	<0.05	20.2	129	2.5
ZZ35280		0.008	0.35	4.08	76	0.15	36.7	476	1.7
ZZ35281		0.005	0.29	6.60	62	0.08	27.9	380	1.6
ZZ35282		0.011	0.41	5.64	101	0.20	44.8	807	2.0
ZZ35283		0.010	0.45	5.37	94	0.18	44.9	835	2.6
ZZ35284		0.012	0.24	5.05	71	0.18	31.8	532	1.3
ZZ35285		<0.005	0.27	15.75	56	0.08	33.2	773	4.5
ZZ35286		0.007	0.92	10.25	187	0.24	139.0	3440	9.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ35287		0.26	0.002	0.29	1.15	14.5	<0.2	<10	1430	0.87	0.23	0.79	1.13	18.30	10.9	23
ZZ35288		0.36	0.003	0.21	1.41	17.9	<0.2	<10	880	0.74	0.22	0.50	0.49	25.4	10.1	26
ZZ35289		0.23	0.005	0.86	0.97	14.9	<0.2	<10	1210	0.65	0.18	1.53	2.91	11.95	7.5	26
ZZ35290		0.26	0.004	0.79	1.09	17.0	<0.2	<10	1020	0.90	0.23	1.03	2.48	14.20	11.6	32
ZZ35291		0.41	0.004	0.96	0.93	15.6	<0.2	<10	1090	0.91	0.23	1.92	4.26	14.90	10.2	31
ZZ35292		0.36	0.003	0.76	1.03	16.4	<0.2	<10	1660	0.70	0.18	1.75	1.80	18.15	8.0	27
ZZ35293		0.25	0.004	0.97	1.22	18.2	<0.2	<10	2260	0.90	0.22	1.44	3.70	16.80	18.0	39
ZZ35294		0.20	0.006	2.01	1.19	18.4	<0.2	<10	2440	0.76	0.17	2.43	4.00	13.15	15.5	44
ZZ35295		0.22	0.005	0.61	1.65	18.1	<0.2	<10	1080	0.99	0.22	1.19	4.37	19.05	20.9	42
ZZ35296		0.42	0.004	0.49	0.61	17	<0.2	<10	2120	0.59	0.12	15.05	7.26	13.00	18.1	27
ZZ35297		0.41	0.004	1.91	0.57	32.6	<0.2	<10	3240	0.43	0.21	9.67	4.74	12.95	19.6	43
ZZ35298		0.40	0.005	1.80	0.80	23.7	<0.2	<10	2550	0.63	0.21	7.60	6.00	15.35	13.9	37
ZZ35299		0.36	0.004	1.19	1.21	19.5	<0.2	<10	850	0.80	0.20	2.65	5.30	22.5	16.3	38
ZZ35300		0.34	0.006	1.60	1.46	34.1	<0.2	<10	950	1.27	0.22	5.88	28.9	28.3	30.6	47
ZZ35301		0.29	0.005	0.84	1.06	17.8	<0.2	<10	1010	0.67	0.17	1.60	10.25	16.55	12.4	32
ZZ35302		0.31	0.005	0.34	1.83	16.0	<0.2	<10	860	0.84	0.27	1.02	3.99	32.1	15.4	33
ZZ35303		0.32	0.005	1.81	1.04	21.7	<0.2	<10	380	0.49	0.19	4.18	3.42	21.3	12.5	26
ZZ35304		0.33	0.004	1.93	0.76	24.1	<0.2	<10	510	0.45	0.18	7.64	3.21	14.20	12.7	22
ZZ35305		0.40	0.004	2.14	0.53	31	<0.2	<10	1520	0.40	0.16	11.80	5.34	12.10	11.6	22
ZZ35306		0.35	0.003	1.67	0.83	24.6	<0.2	<10	3650	0.59	0.17	4.49	4.25	15.65	11.4	25
ZZ35307		0.38	0.004	0.96	1.15	16.9	<0.2	<10	1940	0.59	0.19	4.73	3.82	22.9	11.3	28
ZZ35308		0.37	0.010	5.11	2.82	52.4	<0.2	10	2870	3.06	0.17	3.97	22.4	24.8	22.6	75
ZZ35309		0.38	0.006	3.89	1.11	74.2	<0.2	<10	810	0.66	0.35	0.06	3.73	16.70	3.0	32
ZZ35310		0.34	0.002	0.23	1.63	21.7	<0.2	<10	860	0.78	0.25	0.17	2.20	22.5	11.7	28
ZZ35311		0.37	0.004	1.16	1.70	31.0	<0.2	<10	1220	1.26	0.24	0.61	4.67	30.3	17.3	38
ZZ35312		0.31	0.004	0.32	3.05	25.8	<0.2	<10	400	1.29	0.25	0.26	2.52	33.8	23.6	36
ZZ35313		0.30	0.002	0.16	1.60	11.4	<0.2	<10	560	0.52	0.22	0.30	0.47	22.3	7.3	23
ZZ35314		0.38	0.002	0.12	1.73	19.4	<0.2	<10	250	0.69	0.25	0.10	1.22	25.5	15.0	28
ZZ35315		0.45	0.001	0.02	1.05	7.9	<0.2	<10	200	1.14	0.41	0.20	0.14	11.00	15.0	25
ZZ35316		0.38	<0.001	0.01	0.85	5.4	<0.2	<10	220	1.16	0.34	0.14	0.25	11.25	9.5	28
ZZ35317		0.27	0.008	2.21	0.45	20.2	<0.2	<10	1770	0.63	0.19	0.79	6.96	8.72	7.0	20
ZZ35318		0.37	0.002	0.08	1.11	21.7	<0.2	<10	340	1.07	0.26	0.06	2.41	10.35	20.0	18
ZZ35319		0.39	0.006	1.97	0.69	28.4	<0.2	<10	2020	0.69	0.20	2.83	10.80	13.00	18.2	30
ZZ35320		0.32	0.005	2.45	0.37	14.9	<0.2	<10	1710	0.38	0.13	1.96	6.53	6.16	4.9	21
ZZ35321		0.22	0.007	4.99	0.66	17.5	<0.2	<10	3460	0.81	0.15	2.46	6.42	9.85	6.8	39
ZZ35322		0.37	0.010	5.11	0.85	22.1	<0.2	<10	2890	1.03	0.18	2.50	7.27	10.85	6.1	45
ZZ35323		0.35	0.002	1.73	0.83	17.1	<0.2	<10	1060	0.70	0.21	1.09	2.22	13.35	3.6	26
ZZ35324		0.31	0.005	1.60	1.65	20.6	<0.2	<10	1660	1.21	0.18	1.00	2.94	29.5	13.3	23
ZZ35325		0.21	0.002	0.16	1.06	10.1	<0.2	<10	580	1.01	0.24	1.58	0.92	22.2	9.2	21
ZZ35326		0.28	0.002	0.13	0.85	9.6	<0.2	<10	430	0.83	0.26	1.00	0.69	7.94	8.8	15

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ35287		1.10	28.3	2.60	3.66	0.05	0.07	0.08	0.032	0.06	9.4	12.2	0.26	369	3.39	<0.01
ZZ35288		1.05	22.5	2.86	4.55	0.05	0.04	0.06	0.030	0.05	11.7	18.7	0.48	372	2.56	0.01
ZZ35289		0.56	28.1	2.32	2.61	<0.05	0.08	0.16	0.030	0.06	8.2	7.6	0.20	259	5.38	<0.01
ZZ35290		1.11	32.9	3.05	3.31	0.09	0.15	0.14	0.039	0.07	10.4	8.3	0.16	382	6.48	<0.01
ZZ35291		0.81	30.2	2.96	2.50	0.05	0.07	0.16	0.038	0.08	12.4	7.4	0.26	329	6.45	0.01
ZZ35292		0.58	25.7	2.33	3.07	<0.05	0.05	0.10	0.029	0.05	12.4	8.4	0.38	352	6.11	<0.01
ZZ35293		0.67	37.5	3.52	3.43	0.05	0.07	0.18	0.038	0.07	13.9	9.2	0.24	555	7.31	<0.01
ZZ35294		0.73	36.9	2.66	3.28	0.05	0.06	0.25	0.032	0.04	11.0	7.2	0.20	478	11.00	<0.01
ZZ35295		1.18	38.9	3.55	4.53	0.05	0.09	0.21	0.036	0.05	19.7	10.5	0.29	763	5.03	0.01
ZZ35296		0.68	30.4	2.47	1.88	0.05	0.04	0.23	0.027	0.05	12.7	5.7	0.53	464	8.34	<0.01
ZZ35297		0.95	41.6	2.69	1.98	0.08	0.04	0.19	0.046	0.07	11.6	4.1	2.40	414	19.70	<0.01
ZZ35298		0.79	47.1	2.72	3.03	0.07	0.05	0.20	0.039	0.07	10.6	6.3	0.47	468	38.8	<0.01
ZZ35299		0.86	30.4	2.68	3.81	0.06	0.06	0.14	0.037	0.05	17.1	10.5	0.32	572	11.10	0.01
ZZ35300		1.25	48.0	4.13	3.51	0.09	0.08	0.31	0.046	0.06	27.3	8.5	0.21	2030	10.65	0.01
ZZ35301		0.58	24.7	2.53	3.31	<0.05	0.03	0.36	0.031	0.04	11.4	7.9	0.25	516	8.27	<0.01
ZZ35302		1.19	26.2	3.21	5.95	0.06	0.03	0.08	0.031	0.05	17.8	15.5	0.52	613	5.87	0.01
ZZ35303		0.56	24.9	2.39	2.99	0.06	0.03	0.12	0.028	0.05	18.4	8.6	0.30	813	35.8	0.01
ZZ35304		0.52	32.9	2.44	2.56	0.06	0.03	0.22	0.029	0.04	14.1	6.3	0.49	658	25.7	0.01
ZZ35305		0.97	39.7	2.65	1.96	0.06	0.04	0.16	0.030	0.07	11.0	4.1	1.61	364	40.2	0.01
ZZ35306		0.52	32.7	2.72	2.70	0.05	0.06	0.11	0.030	0.05	13.5	7.0	1.11	429	24.6	<0.01
ZZ35307		0.63	26.5	2.63	3.51	0.05	0.04	0.12	0.029	0.05	16.3	9.3	0.56	664	15.90	<0.01
ZZ35308		1.35	373	3.82	3.48	0.23	0.09	0.13	0.062	0.13	17.3	5.7	0.08	401	26.9	<0.01
ZZ35309		1.03	79.3	3.79	4.88	0.08	0.04	0.08	0.092	0.21	9.4	3.8	0.08	85	73.5	<0.01
ZZ35310		1.21	28.9	3.41	5.40	<0.05	<0.02	0.09	0.039	0.06	10.2	14.6	0.26	800	10.50	<0.01
ZZ35311		1.27	83.3	4.31	4.94	0.05	0.06	0.08	0.054	0.08	14.2	17.9	0.45	680	9.66	0.01
ZZ35312		1.26	53.9	4.00	5.12	0.05	0.13	0.10	0.047	0.08	12.6	27.1	0.45	854	35.7	<0.01
ZZ35313		1.42	19.3	2.36	5.91	<0.05	<0.02	0.05	0.025	0.04	10.9	15.9	0.34	245	4.78	<0.01
ZZ35314		1.37	34.0	3.67	5.83	0.05	0.02	0.04	0.032	0.07	12.2	32.0	0.50	453	4.86	<0.01
ZZ35315		4.05	45.4	3.98	3.89	0.08	0.04	0.01	0.036	0.07	4.1	13.5	0.28	1100	5.65	<0.01
ZZ35316		2.06	16.5	4.33	2.77	0.05	<0.02	0.01	0.028	0.06	3.9	9.3	0.20	572	2.52	<0.01
ZZ35317		0.91	49.9	1.68	1.73	0.05	0.04	0.21	0.032	0.08	5.1	2.4	0.05	225	14.60	<0.01
ZZ35318		1.40	40.6	3.94	2.30	0.07	0.05	0.03	0.047	0.04	4.2	6.5	0.04	173	10.00	<0.01
ZZ35319		0.78	50.1	3.40	2.08	0.07	0.06	0.21	0.040	0.09	9.6	4.7	0.30	283	34.9	<0.01
ZZ35320		0.32	28.7	1.39	1.14	<0.05	0.03	0.16	0.019	0.05	6.1	2.2	0.10	112	10.75	<0.01
ZZ35321		0.40	54.3	1.97	1.81	0.06	0.05	0.26	0.027	0.05	7.3	3.6	0.08	224	10.05	<0.01
ZZ35322		0.59	99.3	2.14	2.53	0.06	0.06	0.41	0.036	0.09	7.6	4.8	0.08	226	15.00	<0.01
ZZ35323		1.19	36.8	1.99	3.69	0.06	0.02	0.06	0.031	0.08	7.8	3.2	0.06	100	13.90	<0.01
ZZ35324		0.85	40.7	3.71	3.27	0.08	0.06	0.18	0.036	0.06	10.9	19.5	0.33	1890	8.90	<0.01
ZZ35325		0.89	26.2	2.96	3.35	0.09	0.17	0.08	0.037	0.07	8.3	9.5	0.11	211	2.23	<0.01
ZZ35326		1.06	26.4	2.84	2.42	<0.05	0.08	0.06	0.034	0.11	3.9	10.3	0.16	237	1.80	0.01

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Finalized Date: 4-AUG-2013
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CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ35287		0.42	35.3	1130	15.6	8.4	0.002	0.05	1.00	3.5	1.4	0.4	30.1	0.01	0.06	1.2
ZZ35288		0.51	30.5	750	13.8	8.1	0.001	0.02	0.86	3.1	0.9	0.5	20.5	<0.01	0.03	1.4
ZZ35289		0.27	53.4	2140	11.2	5.9	0.003	0.12	1.76	2.1	2.6	0.4	44.3	<0.01	0.07	0.7
ZZ35290		0.46	80.8	1910	15.9	11.3	0.002	0.10	1.72	3.8	2.2	0.6	46.8	0.02	0.11	1.2
ZZ35291		0.22	79.5	1800	18.1	6.8	0.002	0.10	1.40	4.2	2.3	0.4	52.9	<0.01	0.08	1.2
ZZ35292		0.34	44.6	1290	11.7	5.8	0.001	0.05	1.69	3.0	2.0	0.4	46.2	<0.01	0.08	0.9
ZZ35293		0.30	137.5	2560	14.9	6.3	0.001	0.10	1.81	4.0	2.3	0.5	55.3	<0.01	0.11	1.0
ZZ35294		0.29	138.5	2810	11.3	5.9	0.004	0.11	2.34	2.6	4.4	0.6	85.7	<0.01	0.11	0.6
ZZ35295		0.44	170.5	2030	15.6	8.1	0.001	0.10	2.20	3.2	3.1	0.6	32.4	<0.01	0.12	0.8
ZZ35296		0.26	155.0	1780	9.7	4.4	0.001	0.06	3.02	3.0	2.7	0.5	116.0	<0.01	0.13	1.0
ZZ35297		0.15	133.5	3520	16.6	5.4	0.009	0.08	4.49	4.7	8.3	0.7	185.0	<0.01	0.31	1.2
ZZ35298		0.23	154.0	3300	15.7	6.2	0.003	0.08	3.95	3.6	9.0	0.7	91.9	<0.01	0.09	0.9
ZZ35299		0.40	94.9	2150	15.0	8.1	0.003	0.06	2.48	3.9	3.4	0.6	57.9	<0.01	0.11	1.2
ZZ35300		0.40	286	4130	17.2	9.8	0.001	0.06	5.03	5.5	3.6	0.7	74.5	0.01	0.22	1.3
ZZ35301		0.30	101.5	1210	11.8	5.0	0.002	0.11	1.93	1.7	3.4	0.5	23.8	<0.01	0.08	0.3
ZZ35302		0.71	61.6	700	17.2	8.8	0.001	0.04	1.09	3.2	1.3	0.6	20.6	<0.01	0.04	1.0
ZZ35303		0.32	67.0	1290	14.1	5.6	0.003	0.11	1.73	1.2	5.2	0.4	32.7	<0.01	0.23	0.3
ZZ35304		0.20	96.9	1100	14.6	4.1	0.006	0.09	2.05	1.4	7.6	0.5	50.6	<0.01	0.21	0.2
ZZ35305		0.16	143.5	2010	12.9	5.2	0.008	0.06	2.79	3.5	8.1	0.6	139.5	<0.01	0.17	1.0
ZZ35306		0.23	107.5	1320	13.6	4.7	0.005	0.09	1.87	3.2	4.5	0.5	56.7	<0.01	0.14	1.0
ZZ35307		0.39	71.5	1440	13.3	5.7	0.002	0.06	1.76	2.5	3.0	0.5	64.6	<0.01	0.10	0.7
ZZ35308		0.16	341	>10000	15.6	11.6	0.011	0.18	23.8	4.9	61.3	1.2	316	<0.01	0.21	2.2
ZZ35309		0.32	38.0	2380	28.9	18.3	0.004	0.59	20.7	1.7	22.7	1.4	244	<0.01	0.23	0.6
ZZ35310		0.34	35.5	1470	17.3	10.0	<0.001	0.10	1.64	1.2	2.1	0.6	21.5	<0.01	0.08	0.3
ZZ35311		0.37	82.1	1600	19.1	10.3	0.001	0.06	3.28	5.3	4.4	0.6	40.4	<0.01	0.10	2.1
ZZ35312		0.58	71.8	1390	20.7	10.1	0.012	0.04	1.64	5.1	2.6	0.5	28.4	0.01	0.09	3.5
ZZ35313		0.36	20.3	1040	12.9	8.2	0.001	0.03	0.80	1.1	1.1	0.6	17.0	<0.01	0.03	0.4
ZZ35314		0.48	37.5	680	19.5	11.8	0.001	0.03	1.10	2.6	1.0	0.5	18.3	<0.01	0.07	1.4
ZZ35315		0.55	25.2	320	19.3	9.4	0.001	<0.01	0.58	4.4	1.0	0.7	10.8	0.01	0.03	4.7
ZZ35316		0.36	23.1	190	16.5	6.7	<0.001	<0.01	0.50	4.0	0.5	0.7	11.3	<0.01	0.03	4.1
ZZ35317		0.08	97.7	1860	14.0	7.5	0.007	0.12	4.88	3.1	5.7	0.5	137.0	<0.01	0.12	0.9
ZZ35318		0.41	118.5	2360	20.0	9.1	0.001	0.05	1.50	4.3	1.4	0.5	307	0.01	0.05	2.0
ZZ35319		0.21	205	2950	12.7	6.8	0.004	0.08	4.93	4.3	8.7	0.6	132.0	<0.01	0.17	1.6
ZZ35320		<0.05	63.6	1990	8.4	3.6	0.005	0.07	2.79	1.8	5.3	0.3	73.9	<0.01	0.10	0.8
ZZ35321		0.15	66.9	3220	8.3	4.4	0.005	0.13	2.47	2.8	7.4	0.5	192.5	<0.01	0.12	0.7
ZZ35322		0.13	125.5	3500	11.7	6.0	0.003	0.18	5.55	2.3	10.0	0.6	173.5	<0.01	0.11	0.4
ZZ35323		0.07	50.6	4270	14.5	7.6	0.002	0.12	5.64	0.3	8.4	0.7	123.0	<0.01	0.10	0.2
ZZ35324		0.20	60.6	1720	22.0	6.7	0.001	0.09	3.25	4.7	4.0	0.4	76.6	<0.01	0.08	1.3
ZZ35325		0.52	49.7	1890	16.0	11.3	<0.001	0.13	0.68	3.8	1.4	0.5	43.7	0.03	0.07	1.0
ZZ35326		0.06	37.4	1280	17.6	8.0	0.001	0.21	0.48	4.1	0.9	0.4	38.5	<0.01	0.06	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ35287		0.009	0.20	3.29	61	0.15	13.30	143	1.8
ZZ35288		0.017	0.15	1.62	54	0.20	9.67	97	1.0
ZZ35289		0.007	0.29	5.64	110	0.12	19.20	311	2.1
ZZ35290		0.005	0.42	5.20	96	0.21	25.1	400	3.5
ZZ35291		0.005	0.30	4.56	70	0.11	33.2	411	2.1
ZZ35292		0.013	0.23	2.31	93	0.90	22.5	191	1.2
ZZ35293		0.007	0.36	6.52	111	0.19	35.3	707	2.0
ZZ35294		0.007	0.55	10.65	129	0.19	32.4	714	2.1
ZZ35295		0.011	0.39	15.75	142	0.17	53.4	881	2.6
ZZ35296		0.011	0.33	7.53	87	0.17	36.7	843	1.5
ZZ35297		0.006	0.70	13.40	135	0.28	32.0	606	1.9
ZZ35298		0.008	0.57	7.56	116	0.40	29.2	785	1.4
ZZ35299		0.013	0.36	8.84	103	0.22	33.3	402	1.8
ZZ35300		0.010	0.69	14.20	152	0.24	61.8	1470	2.5
ZZ35301		0.010	0.23	7.39	109	0.21	28.5	519	0.8
ZZ35302		0.028	0.20	1.77	69	0.25	21.4	277	0.7
ZZ35303		0.015	0.78	2.36	64	0.25	36.3	291	0.6
ZZ35304		0.008	1.04	4.04	71	0.26	29.6	353	0.8
ZZ35305		0.006	1.22	14.75	96	0.26	27.5	764	1.6
ZZ35306		0.008	0.68	7.53	107	0.30	28.0	474	1.7
ZZ35307		0.019	0.29	3.40	76	0.30	29.6	370	1.0
ZZ35308		0.008	0.99	22.6	508	0.43	86.0	1660	6.3
ZZ35309		0.008	4.59	20.5	770	0.51	18.15	212	1.2
ZZ35310		0.012	0.64	2.50	110	0.16	11.90	154	<0.5
ZZ35311		0.010	0.53	9.61	155	0.17	22.2	264	1.6
ZZ35312		0.008	0.35	2.46	77	0.21	12.10	267	4.3
ZZ35313		0.014	0.31	1.71	61	0.25	4.88	83	<0.5
ZZ35314		0.014	0.25	0.91	63	0.18	4.84	153	0.5
ZZ35315		0.013	0.06	1.37	34	0.19	5.04	94	0.9
ZZ35316		0.017	0.05	1.13	26	0.26	4.61	97	0.6
ZZ35317		<0.005	0.86	3.40	166	0.08	17.25	441	1.3
ZZ35318		<0.005	0.33	2.91	62	0.06	15.75	632	1.8
ZZ35319		0.006	0.44	5.81	143	0.17	34.0	1320	2.1
ZZ35320		<0.005	0.12	2.94	83	0.08	17.25	415	1.0
ZZ35321		<0.005	0.18	8.35	116	0.16	29.7	427	1.9
ZZ35322		<0.005	0.57	11.10	268	0.17	27.3	521	2.1
ZZ35323		<0.005	0.65	7.80	184	0.14	10.55	289	<0.5
ZZ35324		0.005	0.49	3.01	149	0.10	25.5	246	1.8
ZZ35325		<0.005	0.18	5.74	41	0.15	22.4	195	3.6
ZZ35326		<0.005	0.16	2.99	25	<0.05	12.85	131	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ35327		0.22	0.004	0.70	0.85	14.8	<0.2	<10	910	0.64	0.19	2.50	4.02	11.90	19.3	33
ZZ35328		0.39	0.002	0.83	0.58	12	<0.2	<10	750	0.57	0.17	12.80	4.08	12.10	17.6	23
ZZ35329		0.17	0.004	0.37	0.86	15.7	<0.2	<10	870	0.68	0.17	2.52	5.45	10.80	19.8	23
ZZ35330		0.46	0.003	0.53	0.48	16	<0.2	<10	1650	0.46	0.18	12.40	3.61	10.80	17.9	23
ZZ35331		0.46	0.003	0.54	0.44	19	<0.2	<10	1580	0.41	0.16	19.20	3.82	9.78	15.9	24
ZZ35332		0.35	0.005	1.62	0.51	19.6	<0.2	<10	2700	0.44	0.15	1.78	4.39	7.28	6.5	33
ZZ35333		0.33	0.006	2.01	1.61	47.2	<0.2	<10	3210	0.91	0.16	4.37	68.0	11.00	31.4	45
ZZ35334		0.39	0.005	2.35	0.75	20.5	<0.2	<10	1390	0.53	0.23	0.16	2.01	10.20	3.4	32
ZZ35335		0.28	0.011	8.25	2.46	85.7	<0.2	<10	2520	3.27	0.28	0.55	21.9	17.25	13.7	50
ZZ35336		0.35	0.005	1.66	2.78	245	<0.2	<10	470	1.48	0.23	0.05	1.21	16.60	4.3	50
ZZ35337		0.38	0.003	1.03	0.97	30.2	<0.2	<10	340	0.63	0.19	0.10	1.85	12.40	4.0	21
ZZ35338		0.33	0.004	3.13	0.68	47.2	<0.2	<10	320	0.21	0.23	0.04	0.40	14.20	2.6	21
ZZ35339		0.38	0.003	0.69	0.52	19.1	<0.2	<10	310	0.16	0.26	0.03	0.30	13.30	1.6	13
ZZ35340		0.33	0.002	1.41	1.07	18.5	<0.2	<10	270	0.42	0.18	0.06	0.62	13.35	3.7	20
ZZ35341		0.36	0.003	0.49	0.50	15.8	<0.2	<10	260	0.18	0.24	0.03	0.28	11.15	1.9	13
ZZ35342		0.38	0.004	0.68	1.23	18.7	<0.2	<10	330	0.47	0.21	0.08	0.65	19.30	6.2	21
ZZ35343		0.35	<0.001	0.10	0.56	10.8	<0.2	<10	100	0.10	0.16	0.04	0.12	18.80	2.5	10
ZZ35344		0.38	0.006	0.45	1.37	39.6	<0.2	<10	600	0.66	0.24	0.12	1.19	22.3	13.7	25
ZZ35345		0.30	0.001	0.06	0.49	8.4	<0.2	<10	100	0.16	0.20	0.01	0.18	16.50	2.6	9
ZZ35346		0.38	0.005	0.52	1.17	23.7	<0.2	<10	290	0.69	0.18	0.06	1.17	15.90	7.4	17
ZZ35347		0.37	0.002	0.37	0.92	22.6	<0.2	<10	470	0.39	0.23	0.05	1.09	14.05	4.2	20
ZZ35348		0.33	0.003	0.42	1.23	17.0	<0.2	<10	570	0.49	0.20	0.07	1.62	18.65	6.2	27
ZZ35349		0.34	0.004	0.48	1.70	16.8	<0.2	<10	3040	0.72	0.21	0.43	2.43	26.5	9.7	31
ZZ35350		0.41	0.005	0.44	1.00	22.8	<0.2	<10	900	0.69	0.18	0.26	1.26	17.30	8.0	21
ZZ35351		0.40	0.003	0.45	0.78	20.2	<0.2	<10	1070	0.61	0.18	0.47	1.55	15.65	5.4	20
ZZ35352		0.45	0.004	0.52	0.67	15.3	<0.2	<10	1040	0.53	0.15	0.39	2.46	16.65	8.2	16
ZZ35353		0.32	0.005	0.84	1.16	20.8	<0.2	<10	2600	0.92	0.20	1.00	3.68	24.2	15.3	30
ZZ35354		0.32	0.005	0.72	0.88	9.3	<0.2	<10	1490	0.77	0.15	0.75	7.67	19.00	5.5	21
ZZ35355		0.32	0.011	0.73	0.87	14.4	<0.2	<10	890	0.68	0.18	0.85	1.39	28.6	7.3	18
ZZ35356		0.37	0.006	0.52	0.94	14.7	<0.2	<10	660	0.59	0.20	0.39	1.35	18.60	4.8	20
ZZ35357		0.42	0.003	0.28	1.05	11.4	<0.2	<10	500	0.56	0.19	0.25	0.73	21.4	5.3	21
ZZ35358		0.36	0.004	0.43	0.63	11.3	<0.2	<10	400	0.48	0.17	0.37	0.24	27.3	10.6	11
ZZ35359		0.39	0.006	0.38	0.65	16.4	<0.2	<10	230	0.88	0.16	0.30	0.83	46.2	14.4	15
ZZ35360		0.37	0.013	0.14	1.52	13.1	<0.2	<10	270	0.66	0.22	0.45	0.28	42.8	12.1	25
ZZ35361		0.38	<0.001	0.19	0.97	22.8	<0.2	<10	130	0.84	0.20	0.09	1.05	24.8	9.8	16
ZZ35362		0.47	0.003	0.44	1.20	17.2	<0.2	<10	500	0.70	0.14	0.52	1.02	72.2	15.6	42
ZZ35363		0.39	0.013	0.69	0.92	20.6	<0.2	<10	130	0.80	0.24	0.40	1.82	22.7	15.1	19
ZZ35364		0.35	0.004	0.22	1.46	16.1	<0.2	<10	290	0.73	0.19	0.29	0.50	46.7	13.5	26
ZZ35365		0.45	0.004	0.08	1.31	15.5	<0.2	<10	150	0.62	0.16	0.21	0.25	42.8	12.9	19
ZZ35366		0.20	0.001	0.39	1.13	14.9	<0.2	<10	1140	0.78	0.22	1.68	1.62	13.95	9.7	24

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ35327		1.00	41.3	2.54	2.26	0.06	0.07	0.20	0.035	0.08	11.7	6.3	0.16	649	5.19	0.01
ZZ35328		0.77	33.8	2.08	1.71	0.05	0.04	0.14	0.031	0.06	11.1	4.9	0.19	666	5.00	0.01
ZZ35329		0.41	24.6	2.26	2.25	<0.05	0.04	0.13	0.026	0.04	12.0	4.4	0.11	1020	4.50	0.01
ZZ35330		0.76	40.6	2.38	1.56	0.06	0.04	0.12	0.029	0.06	9.6	4.1	0.33	602	6.43	<0.01
ZZ35331		0.91	31.7	1.94	1.40	0.05	0.04	0.10	0.025	0.05	9.3	3.7	1.49	483	6.30	0.01
ZZ35332		0.88	43.6	2.06	1.34	0.05	0.06	0.20	0.027	0.05	7.7	3.1	0.08	140	16.30	<0.01
ZZ35333		0.81	69.6	5.50	1.75	0.08	0.10	0.25	0.034	0.06	9.6	4.6	0.12	358	30.5	<0.01
ZZ35334		1.06	37.2	2.04	2.89	0.05	<0.02	0.19	0.043	0.10	6.4	2.8	0.07	60	10.55	<0.01
ZZ35335		1.78	277	4.82	3.69	0.17	0.21	0.37	0.059	0.11	9.1	4.8	0.07	215	61.1	<0.01
ZZ35336		1.07	197.5	4.79	3.77	0.09	0.07	0.14	0.091	0.06	8.0	2.3	0.04	52	92.4	<0.01
ZZ35337		0.92	39.6	2.31	3.84	<0.05	<0.02	0.11	0.037	0.10	6.9	7.3	0.14	143	17.05	<0.01
ZZ35338		0.80	18.2	2.44	5.05	<0.05	<0.02	0.12	0.034	0.07	7.7	2.3	0.07	56	22.8	<0.01
ZZ35339		1.06	12.0	1.18	5.31	<0.05	<0.02	0.05	0.027	0.08	7.0	1.3	0.04	32	33.0	<0.01
ZZ35340		0.88	16.9	2.20	3.93	<0.05	<0.02	0.32	0.029	0.08	7.2	7.7	0.15	137	16.95	<0.01
ZZ35341		0.94	12.6	1.58	3.95	<0.05	<0.02	0.10	0.024	0.10	5.9	1.4	0.04	52	20.9	<0.01
ZZ35342		1.18	22.3	2.24	4.20	<0.05	0.02	0.10	0.026	0.07	9.8	11.8	0.24	292	10.85	<0.01
ZZ35343		1.52	9.9	1.03	5.48	<0.05	<0.02	0.04	0.010	0.05	9.5	1.5	0.05	56	9.23	<0.01
ZZ35344		1.59	34.1	3.48	3.98	0.05	0.05	0.08	0.040	0.09	9.7	18.1	0.36	508	17.75	<0.01
ZZ35345		1.31	11.0	1.12	3.68	<0.05	<0.02	0.02	0.013	0.05	8.6	1.2	0.03	102	8.15	<0.01
ZZ35346		0.93	34.0	2.40	2.64	<0.05	0.04	0.25	0.032	0.08	7.8	13.7	0.22	232	12.10	<0.01
ZZ35347		1.19	22.1	2.30	4.26	<0.05	<0.02	0.06	0.025	0.08	7.4	4.9	0.12	198	12.20	<0.01
ZZ35348		0.97	22.3	2.72	4.16	<0.05	<0.02	0.05	0.029	0.08	8.6	8.9	0.19	355	11.70	<0.01
ZZ35349		1.08	19.9	2.90	4.84	0.05	0.02	0.05	0.029	0.06	13.1	13.4	0.35	441	6.68	<0.01
ZZ35350		0.97	32.3	2.33	2.82	0.05	0.03	0.06	0.033	0.07	9.1	9.4	0.21	272	10.20	<0.01
ZZ35351		0.68	30.3	1.92	2.46	<0.05	0.04	0.09	0.030	0.08	7.9	6.8	0.17	150	10.45	0.01
ZZ35352		0.99	34.6	2.09	2.31	0.05	0.04	0.07	0.027	0.08	9.1	7.8	0.21	312	8.72	<0.01
ZZ35353		0.70	37.3	3.47	2.99	0.06	0.08	0.10	0.038	0.08	15.3	11.3	0.32	553	12.70	<0.01
ZZ35354		0.78	34.5	1.90	2.60	0.06	0.12	0.22	0.032	0.05	10.8	9.4	0.23	68	3.89	<0.01
ZZ35355		0.76	80.9	2.67	2.58	<0.05	0.09	0.23	0.034	0.10	16.9	9.5	0.21	241	6.95	0.01
ZZ35356		1.46	34.6	2.18	3.01	<0.05	0.04	0.17	0.031	0.09	9.9	9.1	0.19	198	6.37	0.01
ZZ35357		1.15	19.4	2.23	3.65	<0.05	<0.02	0.13	0.027	0.07	11.1	9.3	0.18	271	3.92	0.01
ZZ35358		1.61	46.0	2.93	2.07	<0.05	<0.02	0.13	0.030	0.09	15.5	3.8	0.08	194	3.81	0.01
ZZ35359		1.08	53.9	3.52	1.60	0.07	0.03	0.09	0.038	0.07	25.0	5.5	0.14	394	5.44	<0.01
ZZ35360		1.19	35.1	2.94	3.72	0.05	0.02	0.05	0.029	0.08	20.3	14.5	0.45	678	1.42	0.01
ZZ35361		1.89	53.9	2.99	2.75	<0.05	0.03	0.05	0.036	0.09	12.9	9.1	0.21	227	11.85	<0.01
ZZ35362		0.87	25.2	3.84	4.03	0.08	0.04	0.07	0.027	0.05	25.5	18.2	0.50	2800	4.07	0.01
ZZ35363		1.38	65.4	3.27	2.37	0.05	0.08	0.06	0.024	0.07	10.7	18.8	0.41	737	17.05	0.01
ZZ35364		1.25	32.1	3.14	4.02	0.06	<0.02	0.10	0.030	0.06	21.1	15.5	0.37	680	4.46	0.01
ZZ35365		1.82	25.8	3.29	3.68	0.06	0.03	0.04	0.032	0.11	21.7	17.1	0.44	449	5.70	0.01
ZZ35366		0.58	23.5	2.15	3.12	<0.05	0.05	0.13	0.030	0.05	8.3	12.3	0.26	483	1.99	0.02

***** See Appendix Page for comments regarding this certificate *****

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Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ35327		0.22	136.5	3210	13.1	6.6	0.001	0.10	2.21	3.2	3.0	0.5	58.5	<0.01	0.19	0.7
ZZ35328		0.14	106.5	2200	13.7	5.4	0.001	0.07	1.85	3.1	2.6	0.4	90.4	<0.01	0.15	0.9
ZZ35329		0.20	88.0	1720	12.1	3.4	0.001	0.17	1.85	1.2	2.1	0.4	30.3	<0.01	0.14	0.2
ZZ35330		0.15	114.5	2170	12.1	4.6	0.001	0.06	2.21	3.5	3.1	0.5	113.5	<0.01	0.20	0.9
ZZ35331		0.15	118.0	2450	10.2	4.0	0.001	0.05	2.36	3.3	4.0	0.4	136.0	<0.01	0.24	0.9
ZZ35332		0.15	119.5	1640	9.2	4.3	0.004	0.11	2.55	3.4	6.1	0.5	62.9	<0.01	0.13	0.5
ZZ35333		0.21	498	4370	9.8	5.3	0.002	0.09	3.90	6.2	9.6	0.5	198.5	<0.01	0.16	1.4
ZZ35334		0.07	21.5	3190	13.9	8.9	0.003	0.26	3.06	0.3	7.8	0.7	100.5	<0.01	0.19	<0.2
ZZ35335		0.35	358	5500	22.5	13.5	0.008	0.21	27.1	6.8	32.8	1.1	337	0.01	0.18	1.5
ZZ35336		0.39	143.0	4100	13.1	7.2	0.010	0.14	37.4	4.4	19.1	0.7	206	<0.01	0.17	0.7
ZZ35337		0.30	28.6	1190	13.0	10.0	0.001	0.16	9.48	0.5	9.4	0.7	72.5	<0.01	0.09	<0.2
ZZ35338		0.83	18.0	910	14.5	8.6	0.001	0.13	9.41	1.2	7.5	0.8	69.2	<0.01	0.09	0.6
ZZ35339		0.29	10.5	550	16.7	8.7	0.001	0.13	5.86	0.7	6.3	0.9	57.8	<0.01	0.10	0.2
ZZ35340		0.49	16.1	1120	11.0	9.2	0.001	0.11	3.78	0.8	4.7	0.6	40.5	<0.01	0.07	0.2
ZZ35341		0.08	8.6	1200	13.9	11.3	0.001	0.17	1.78	0.1	2.9	0.7	36.7	<0.01	0.08	<0.2
ZZ35342		0.26	20.7	1240	12.5	9.6	0.001	0.07	3.47	0.8	3.5	0.6	32.9	<0.01	0.07	0.2
ZZ35343		0.24	7.4	550	6.5	8.7	<0.001	0.02	0.77	0.6	0.5	0.9	11.0	<0.01	0.05	0.2
ZZ35344		0.36	54.4	1220	19.7	9.9	0.001	0.13	2.82	3.2	3.5	0.5	50.9	<0.01	0.12	1.4
ZZ35345		0.27	8.5	540	5.8	10.2	<0.001	0.02	0.84	0.3	0.4	0.9	8.3	0.01	0.03	<0.2
ZZ35346		0.25	26.9	830	14.0	7.4	0.002	0.12	3.06	2.1	3.2	0.4	37.7	<0.01	0.07	0.9
ZZ35347		0.12	20.5	1450	13.9	10.8	0.002	0.11	2.88	0.3	2.8	0.7	36.6	<0.01	0.08	<0.2
ZZ35348		0.18	30.5	1460	13.0	9.4	0.001	0.11	2.63	0.5	3.4	0.6	38.5	<0.01	0.08	0.2
ZZ35349		0.30	44.3	1960	11.9	10.1	<0.001	0.06	1.48	1.4	2.2	0.6	52.6	<0.01	0.05	0.4
ZZ35350		0.33	37.9	1140	12.1	6.9	0.002	0.08	2.99	2.5	2.7	0.4	50.1	<0.01	0.08	1.1
ZZ35351		0.26	34.1	1000	15.3	7.4	0.004	0.12	3.73	2.5	3.4	0.4	60.2	<0.01	0.07	0.8
ZZ35352		0.25	36.5	1180	11.8	6.6	0.002	0.07	2.77	2.9	2.4	0.4	51.0	<0.01	0.07	0.9
ZZ35353		0.36	89.3	3010	15.0	7.8	0.002	0.10	2.53	5.3	3.6	0.5	105.0	<0.01	0.09	1.6
ZZ35354		0.43	28.3	1440	13.2	7.8	0.003	0.07	1.08	4.5	1.7	0.5	57.3	<0.01	0.06	1.5
ZZ35355		0.27	30.5	2110	13.2	10.7	0.003	0.07	1.73	3.6	1.9	0.4	39.6	<0.01	0.06	1.2
ZZ35356		0.21	22.7	1650	10.6	10.0	0.002	0.10	1.79	1.2	2.5	0.4	58.5	<0.01	0.07	0.4
ZZ35357		0.11	20.5	1620	9.0	12.7	<0.001	0.05	0.90	0.4	1.5	0.5	30.0	<0.01	0.04	<0.2
ZZ35358		0.05	30.7	1690	12.5	8.8	0.001	0.04	0.94	0.8	1.0	0.4	14.4	<0.01	0.05	<0.2
ZZ35359		0.21	42.7	1310	19.3	5.5	0.001	0.01	1.55	6.1	2.0	0.3	23.1	<0.01	0.07	3.6
ZZ35360		0.50	33.9	1110	12.5	7.7	<0.001	0.02	0.87	2.8	1.1	0.4	23.0	<0.01	0.05	1.0
ZZ35361		0.16	41.2	740	14.1	11.5	0.005	0.02	5.86	1.9	3.2	0.4	6.1	<0.01	0.05	0.7
ZZ35362		0.28	40.4	1580	15.0	5.5	<0.001	0.02	1.18	4.3	1.4	0.3	36.6	<0.01	0.04	2.7
ZZ35363		0.16	63.0	570	21.2	5.5	0.001	0.02	6.17	3.4	2.9	0.3	24.0	<0.01	0.07	1.9
ZZ35364		0.36	38.3	1060	13.6	8.7	0.001	0.03	1.42	2.4	1.5	0.5	20.5	<0.01	0.04	0.6
ZZ35365		0.43	25.5	1350	13.1	9.4	0.002	0.03	1.15	3.0	1.5	0.4	18.0	<0.01	0.05	1.8
ZZ35366		0.45	29.0	930	12.6	5.2	0.003	0.09	0.92	3.1	3.2	0.4	38.4	<0.01	0.06	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ35327		0.006	0.42	6.46	84	0.10	41.4	642	2.3
ZZ35328		<0.005	0.32	5.84	67	0.09	36.1	493	1.5
ZZ35329		0.005	0.25	7.33	88	0.08	34.9	581	1.0
ZZ35330		0.005	0.40	3.47	70	0.14	31.0	496	1.3
ZZ35331		0.006	0.53	4.11	65	0.09	29.7	484	1.2
ZZ35332		0.005	0.54	3.78	78	0.18	34.0	555	1.7
ZZ35333		0.008	0.53	7.38	119	0.24	88.2	4760	3.1
ZZ35334		<0.005	0.57	6.32	114	0.19	12.20	134	<0.5
ZZ35335		0.006	2.25	33.5	1030	0.42	66.1	1880	7.0
ZZ35336		0.010	1.93	29.8	1460	0.38	25.2	561	2.8
ZZ35337		0.017	1.24	5.70	357	0.23	6.17	169	<0.5
ZZ35338		0.023	1.43	3.97	469	0.40	5.34	109	<0.5
ZZ35339		0.014	1.73	2.65	345	0.26	4.98	91	<0.5
ZZ35340		0.021	0.90	2.61	219	0.23	4.03	77	<0.5
ZZ35341		0.005	1.26	1.91	131	0.15	2.60	53	<0.5
ZZ35342		0.015	0.78	2.85	149	0.20	7.01	83	<0.5
ZZ35343		0.014	0.49	0.57	79	0.16	1.77	36	<0.5
ZZ35344		0.011	1.88	2.75	137	0.19	11.50	176	1.5
ZZ35345		0.007	0.25	0.76	60	0.18	1.93	48	<0.5
ZZ35346		0.008	0.83	2.45	137	0.12	6.64	115	1.4
ZZ35347		0.006	0.76	2.67	159	0.16	5.49	109	<0.5
ZZ35348		0.010	0.66	2.45	135	0.16	7.45	184	<0.5
ZZ35349		0.018	0.26	2.46	80	0.21	14.80	249	<0.5
ZZ35350		0.013	0.64	2.90	129	0.19	9.84	172	0.8
ZZ35351		0.011	0.72	4.16	115	0.17	9.62	209	1.1
ZZ35352		0.014	0.58	1.76	81	0.12	13.90	169	1.2
ZZ35353		0.014	0.31	4.41	81	0.15	29.6	550	2.3
ZZ35354		0.006	0.29	2.04	86	0.06	18.45	294	3.2
ZZ35355		0.008	0.23	5.58	64	0.07	14.85	176	2.5
ZZ35356		0.010	0.74	4.22	94	0.24	10.90	155	0.9
ZZ35357		0.006	0.33	1.34	57	0.13	6.50	114	<0.5
ZZ35358		<0.005	0.17	1.23	28	0.07	7.12	93	<0.5
ZZ35359		0.008	0.17	2.01	38	0.05	18.10	149	1.2
ZZ35360		0.022	0.13	1.40	41	0.28	15.50	90	0.5
ZZ35361		0.005	0.25	1.66	66	0.05	6.52	338	0.8
ZZ35362		0.015	0.25	1.27	88	0.12	16.65	178	1.2
ZZ35363		0.007	0.34	2.69	31	0.05	12.80	171	2.3
ZZ35364		0.020	0.31	1.41	58	0.21	13.50	113	<0.5
ZZ35365		0.020	0.32	1.03	50	0.15	8.46	100	0.9
ZZ35366		0.007	0.19	4.07	62	0.08	14.35	155	1.5

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Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ35367		0.17	<0.001	0.38	0.91	8.6	<0.2	<10	1630	0.68	0.17	2.39	2.04	9.82	8.9	24
ZZ35368		0.24	<0.001	0.30	0.70	10.9	<0.2	<10	1920	0.62	0.21	2.14	1.02	8.16	5.8	18
ZZ35369		0.43	<0.001	0.27	0.48	12.6	<0.2	<10	1030	0.53	0.26	2.65	0.60	7.60	5.7	29
ZZ35370		0.27	0.002	0.70	0.99	19.0	<0.2	10	2200	0.68	0.20	3.09	2.52	14.50	10.1	25
ZZ35371		0.34	0.001	0.30	1.02	21.2	<0.2	<10	1690	0.66	0.20	4.72	2.69	17.25	10.9	25
ZZ35372		0.47	0.005	0.51	1.57	27.1	<0.2	<10	2090	0.91	0.22	0.79	1.02	22.6	15.8	28
ZZ35373		0.44	0.007	1.36	0.88	23.2	<0.2	10	1700	0.76	0.25	1.16	1.32	10.70	5.1	25
ZZ35374		0.32	0.001	0.65	1.03	31.6	<0.2	<10	1490	0.85	0.21	5.26	4.05	15.95	23.5	28
ZZ35375		0.33	<0.001	1.14	1.54	37.0	<0.2	<10	1660	1.32	0.31	2.17	6.37	20.2	45.9	38
ZZ35376		0.25	<0.001	0.11	1.31	10.2	<0.2	<10	630	0.74	0.25	2.01	1.95	16.45	7.9	22
ZZ35377		0.42	<0.001	0.10	0.86	13.6	<0.2	<10	840	1.10	0.26	0.53	0.88	7.78	22.4	11
ZZ35378		0.42	0.001	0.31	1.58	13.8	<0.2	<10	2430	0.94	0.23	0.40	0.63	16.80	14.6	28
ZZ35379		0.32	<0.001	0.08	1.49	11.9	<0.2	<10	550	0.78	0.25	0.07	0.39	7.01	9.0	21
ZZ35380		0.39	<0.001	0.09	0.98	11.2	<0.2	<10	420	1.12	0.31	0.26	0.17	7.68	14.7	14
ZZ35381		0.44	0.002	0.79	2.61	30.4	<0.2	<10	920	4.39	0.33	0.97	3.67	8.40	54.9	98
ZZ35382		0.48	<0.001	0.20	0.39	14	<0.2	<10	1750	0.40	0.16	17.15	13.55	7.85	24.0	15
ZZ35383		0.41	0.001	0.40	1.45	14	<0.2	<10	1820	1.23	0.21	11.85	7.59	12.65	45.9	20
ZZ35384		0.31	0.001	0.70	0.86	18.4	<0.2	<10	1230	0.59	0.21	3.35	8.24	16.20	21.4	25
ZZ35385		0.41	0.002	0.23	0.93	12.3	<0.2	<10	720	0.97	0.30	1.84	1.61	7.29	17.3	19
ZZ35386		0.42	0.002	0.38	0.70	14.2	<0.2	10	900	0.52	0.39	4.54	6.27	16.60	41.7	19
ZZ35387		0.30	0.004	0.17	0.69	9.1	<0.2	10	460	0.46	0.24	4.73	2.98	14.65	11.4	16
ZZ35388		0.19	0.005	1.51	1.07	15.9	<0.2	<10	2040	0.68	0.17	2.67	19.70	10.10	9.4	29
ZZ35389		0.19	<0.001	0.36	0.61	6.9	<0.2	<10	1280	0.32	0.11	2.76	4.33	6.36	3.1	15
ZZ35390		0.38	0.003	1.35	1.80	24.0	<0.2	<10	1930	1.55	0.16	2.51	20.4	11.10	22.2	28
ZZ35391		0.38	0.004	3.02	1.74	33.6	<0.2	<10	2210	1.83	0.25	0.46	9.59	14.40	8.4	39
ZZ35392		0.40	0.003	2.21	3.24	76.2	<0.2	<10	2050	4.44	0.16	1.68	45.6	19.40	33.2	63
ZZ35393		0.42	0.003	1.71	0.86	20.5	<0.2	<10	310	0.32	0.28	0.04	0.42	12.75	2.5	19
ZZ35394		0.35	0.001	1.32	0.92	41.7	<0.2	<10	300	0.24	0.29	0.07	0.20	14.00	3.5	20
ZZ35395		0.46	<0.001	0.58	0.37	27.8	<0.2	<10	230	0.15	0.21	0.02	0.17	7.87	1.8	11
ZZ35396		0.40	<0.001	0.31	0.39	11.9	<0.2	<10	250	0.19	0.24	0.02	0.23	9.19	1.4	9
ZZ35397		0.35	0.006	1.64	1.11	22.7	<0.2	<10	2270	0.76	0.22	0.35	1.74	12.25	7.9	22
ZZ35398		0.41	0.004	0.88	0.99	21.7	<0.2	<10	1970	0.80	0.18	0.33	2.77	20.6	11.3	22
ZZ35399		0.29	0.007	0.39	0.47	20.9	<0.2	<10	270	0.83	0.21	0.59	0.95	20.4	12.8	9
ZZ35400		0.33	0.007	0.77	0.41	19.7	<0.2	<10	180	0.78	0.21	0.55	1.49	25.8	12.0	8
ZZ35401		0.40	0.008	0.66	0.35	19.3	<0.2	<10	170	0.83	0.21	0.71	0.70	27.7	15.5	11
ZZ35402		0.37	0.009	0.58	0.27	18.6	<0.2	<10	170	0.72	0.18	0.95	0.68	22.2	25.9	10
ZZ35403		0.39	0.007	0.80	0.26	29.2	<0.2	<10	90	0.83	0.22	0.98	0.98	24.5	20.8	9
ZZ35404		0.38	0.007	0.82	0.26	40.9	<0.2	<10	110	0.92	0.24	1.22	1.08	24.0	23.8	7
ZZ35405		0.40	0.007	0.55	0.21	39.5	<0.2	<10	160	0.91	0.23	2.24	0.70	19.75	27.8	9
ZZ35406		0.35	0.001	0.15	1.04	25.0	<0.2	<10	400	0.86	0.16	0.50	0.18	66.0	20.8	13

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ35367		0.39	19.0	2.05	2.16	<0.05	0.05	0.11	0.029	0.04	8.0	7.0	0.14	437	2.92	<0.01
ZZ35368		0.49	20.7	2.07	1.87	<0.05	0.05	0.09	0.034	0.05	6.8	4.4	0.10	250	4.60	<0.01
ZZ35369		1.10	21.1	2.49	1.48	<0.05	0.03	0.07	0.041	0.12	4.7	5.1	0.12	123	5.92	0.02
ZZ35370		0.45	32.4	2.52	2.69	0.06	0.06	0.15	0.035	0.07	13.8	9.0	0.28	397	16.45	<0.01
ZZ35371		0.55	26.0	2.81	2.92	<0.05	0.04	0.08	0.029	0.07	12.2	12.1	0.32	466	9.34	<0.01
ZZ35372		0.67	58.1	3.89	4.28	0.06	0.10	0.26	0.037	0.06	15.5	25.3	0.66	614	8.68	<0.01
ZZ35373		1.02	40.8	2.42	2.89	<0.05	0.07	0.24	0.040	0.10	7.7	7.6	0.18	194	20.0	<0.01
ZZ35374		0.95	32.4	3.55	3.08	0.07	0.05	0.13	0.033	0.06	11.9	9.7	0.27	714	44.0	<0.01
ZZ35375		0.88	42.6	6.31	4.84	0.09	0.04	0.21	0.065	0.06	17.0	10.2	0.26	1040	69.5	<0.01
ZZ35376		0.56	17.2	2.56	3.48	0.05	0.05	0.06	0.038	0.07	13.9	10.0	0.24	451	2.05	0.01
ZZ35377		1.26	33.4	4.94	2.10	<0.05	0.03	0.05	0.046	0.06	4.3	7.2	0.13	4430	3.42	0.01
ZZ35378		1.23	28.3	3.57	4.08	<0.05	0.03	0.08	0.032	0.06	9.1	20.2	0.50	490	2.93	0.01
ZZ35379		1.54	20.5	3.34	4.21	<0.05	0.03	0.02	0.035	0.08	3.1	14.7	0.32	278	2.14	0.01
ZZ35380		1.44	37.9	3.80	2.39	<0.05	<0.02	0.03	0.050	0.09	3.4	10.4	0.30	322	1.18	0.01
ZZ35381		1.56	122.0	9.10	1.93	0.07	0.11	0.20	0.170	0.09	5.4	8.0	0.03	596	9.50	0.02
ZZ35382		1.00	30.3	2.31	1.18	0.10	0.02	0.17	0.024	0.06	6.8	2.8	0.09	436	6.81	<0.01
ZZ35383		0.87	51.7	7.16	1.71	0.06	0.07	0.10	0.025	0.06	9.9	6.9	0.16	764	6.43	<0.01
ZZ35384		0.71	40.7	2.76	2.38	0.05	0.04	0.19	0.031	0.08	13.0	6.8	0.18	453	3.80	0.02
ZZ35385		1.75	58.7	4.82	1.81	<0.05	0.06	0.28	0.065	0.16	4.2	4.7	0.03	238	2.35	0.03
ZZ35386		0.79	52.0	3.22	2.02	0.05	0.07	0.08	0.043	0.09	12.0	5.0	0.16	385	5.28	0.02
ZZ35387		0.54	26.5	2.20	1.76	<0.05	0.04	0.07	0.028	0.07	10.6	5.0	0.14	632	1.28	0.01
ZZ35388		0.64	47.6	2.66	1.92	0.05	0.07	0.15	0.031	0.05	10.4	4.8	0.12	186	6.38	<0.01
ZZ35389		0.58	17.6	1.18	1.60	<0.05	0.03	0.11	0.018	0.03	4.8	2.2	0.05	177	3.13	0.02
ZZ35390		1.51	119.5	4.43	1.84	0.06	0.08	0.29	0.034	0.07	9.3	7.0	0.62	189	11.30	<0.01
ZZ35391		1.59	139.0	3.83	3.93	0.06	0.03	0.35	0.048	0.09	9.5	4.8	0.09	107	19.25	<0.01
ZZ35392		0.86	505	7.48	2.76	0.10	0.13	0.40	0.095	0.06	13.3	4.6	0.13	240	28.4	<0.01
ZZ35393		1.45	22.7	1.64	4.38	<0.05	<0.02	0.36	0.030	0.08	6.4	2.6	0.07	106	19.70	<0.01
ZZ35394		0.89	13.7	2.49	5.73	<0.05	<0.02	0.12	0.026	0.08	7.5	5.0	0.17	114	22.3	<0.01
ZZ35395		0.66	10.2	1.73	2.83	<0.05	<0.02	0.06	0.019	0.07	3.7	1.6	0.04	43	21.9	<0.01
ZZ35396		1.22	10.7	1.08	2.58	<0.05	<0.02	0.08	0.017	0.07	4.2	1.3	0.04	62	14.55	<0.01
ZZ35397		1.82	36.9	2.39	3.18	<0.05	0.08	0.25	0.038	0.08	5.7	9.0	0.17	539	8.54	<0.01
ZZ35398		0.78	45.3	2.62	3.18	<0.05	0.03	0.12	0.029	0.05	11.2	10.8	0.32	432	6.31	<0.01
ZZ35399		0.52	52.4	3.31	1.27	<0.05	0.08	0.13	0.043	0.05	9.6	3.5	0.07	316	6.86	<0.01
ZZ35400		0.79	66.7	3.16	1.12	0.06	0.07	0.18	0.040	0.05	12.7	2.7	0.06	250	7.09	<0.01
ZZ35401		0.90	64.9	3.83	1.01	0.06	0.06	0.29	0.044	0.07	14.8	2.3	0.11	259	5.55	<0.01
ZZ35402		1.49	87.5	4.44	0.77	0.06	0.06	0.33	0.045	0.08	11.3	1.5	0.23	346	4.82	<0.01
ZZ35403		1.84	73.3	4.11	0.83	0.05	0.07	0.39	0.045	0.09	12.3	1.5	0.11	319	5.60	<0.01
ZZ35404		2.62	74.0	4.28	0.89	0.07	0.05	0.64	0.043	0.11	12.5	1.7	0.31	398	6.31	<0.01
ZZ35405		2.44	69.8	5.54	0.69	0.08	0.18	0.69	0.048	0.08	8.7	1.2	0.52	476	7.22	<0.01
ZZ35406		1.50	36.1	4.50	3.68	0.06	0.04	0.24	0.048	0.12	34.4	8.1	0.15	341	2.06	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ35367		0.28	30.8	980	10.7	5.3	0.001	0.12	0.71	2.7	4.1	0.4	36.0	<0.01	0.07	0.8
ZZ35368		0.14	25.1	930	13.3	4.8	0.001	0.11	0.70	2.7	2.0	0.4	32.5	<0.01	0.07	0.6
ZZ35369		0.09	25.9	870	17.6	9.6	0.001	0.29	0.90	3.4	1.3	0.4	60.7	<0.01	0.12	1.7
ZZ35370		0.25	63.0	2090	13.3	5.8	0.002	0.13	1.70	2.2	4.3	0.4	37.1	<0.01	0.16	0.5
ZZ35371		0.30	55.8	1980	12.7	5.7	0.001	0.09	1.76	2.5	2.6	0.4	44.2	<0.01	0.15	0.8
ZZ35372		0.17	52.7	400	17.1	5.7	<0.001	0.05	0.98	10.7	2.5	0.3	17.2	<0.01	0.08	3.4
ZZ35373		0.15	48.4	1540	15.2	8.8	0.003	0.16	2.81	2.8	3.5	0.6	55.1	<0.01	0.14	0.5
ZZ35374		0.32	226	1400	15.0	5.6	0.003	0.08	2.55	2.5	11.5	0.5	48.6	<0.01	0.14	0.7
ZZ35375		0.39	419	1820	21.0	6.5	0.002	0.11	3.61	3.1	16.8	1.0	38.1	<0.01	0.23	0.7
ZZ35376		0.36	35.1	1110	13.9	7.0	<0.001	0.10	0.89	2.1	1.3	0.4	19.4	<0.01	0.12	0.5
ZZ35377		<0.05	68.8	620	17.1	7.6	<0.001	0.05	0.43	7.3	1.3	0.3	16.5	<0.01	0.06	2.4
ZZ35378		0.24	45.6	840	14.1	8.6	<0.001	0.04	0.70	5.1	1.4	0.4	22.0	<0.01	0.05	2.4
ZZ35379		0.11	28.1	760	15.7	12.9	<0.001	0.08	0.37	3.8	0.7	0.4	12.2	<0.01	0.04	1.3
ZZ35380		<0.05	40.3	670	17.8	8.2	0.001	0.03	0.38	6.2	0.6	0.3	15.6	<0.01	0.05	2.3
ZZ35381		<0.05	183.0	4310	21.6	6.8	0.004	0.21	1.57	19.3	7.7	0.5	154.0	<0.01	0.32	3.5
ZZ35382		0.09	176.0	2510	11.5	4.8	0.001	0.04	2.22	2.5	25.9	0.3	109.0	<0.01	0.34	1.3
ZZ35383		0.20	243	3270	12.7	4.9	0.001	0.07	2.22	4.9	5.3	0.4	101.5	<0.01	0.66	1.6
ZZ35384		0.27	100.5	3640	12.8	6.4	0.001	0.13	2.41	2.4	3.0	0.4	57.8	<0.01	0.73	0.6
ZZ35385		<0.05	65.7	1870	23.7	11.4	0.001	0.42	0.54	7.1	1.6	0.5	92.8	<0.01	0.09	1.7
ZZ35386		0.19	132.5	2920	25.9	7.5	0.001	0.13	2.24	2.5	2.5	0.5	52.7	<0.01	0.64	0.7
ZZ35387		0.18	46.3	2020	13.3	5.5	<0.001	0.14	1.08	1.4	1.2	0.3	38.9	<0.01	0.34	0.4
ZZ35388		0.24	166.0	2530	10.3	5.2	0.002	0.17	2.11	1.8	5.8	0.4	74.2	<0.01	0.16	0.4
ZZ35389		0.27	28.6	1690	5.8	3.4	<0.001	0.19	1.04	1.1	2.3	0.3	36.3	<0.01	0.06	0.2
ZZ35390		0.20	452	2770	10.3	6.7	0.002	0.10	3.15	4.0	5.9	0.4	176.0	<0.01	0.13	1.0
ZZ35391		0.15	175.0	5080	16.5	9.6	0.002	0.19	4.50	0.8	9.3	0.8	125.0	<0.01	0.15	0.2
ZZ35392		0.20	469	6170	11.3	5.6	0.003	0.13	7.36	9.4	11.2	0.8	251	<0.01	0.16	2.0
ZZ35393		0.08	12.1	1880	19.4	10.1	0.002	0.13	3.93	0.4	5.2	0.8	40.0	<0.01	0.10	<0.2
ZZ35394		0.53	13.9	1990	19.2	11.2	0.002	0.11	5.69	1.2	4.3	0.7	42.3	<0.01	0.10	0.3
ZZ35395		0.29	12.3	980	13.8	11.0	0.002	0.12	4.56	0.7	4.6	0.5	39.6	<0.01	0.12	0.2
ZZ35396		0.11	7.0	790	13.7	9.1	0.002	0.11	1.77	0.2	2.0	0.6	49.6	<0.01	0.09	<0.2
ZZ35397		0.18	33.2	1210	16.0	12.1	0.003	0.13	2.82	4.2	4.8	0.5	50.7	<0.01	0.10	0.9
ZZ35398		0.40	47.1	890	13.0	5.5	0.001	0.04	2.09	5.0	2.6	0.4	41.1	<0.01	0.08	3.0
ZZ35399		0.11	37.4	1230	22.0	4.7	0.001	0.03	1.91	5.1	1.6	0.3	30.5	<0.01	0.11	1.1
ZZ35400		0.08	40.2	1610	20.6	6.0	0.002	0.03	2.30	4.5	1.9	0.3	28.9	<0.01	0.11	0.9
ZZ35401		0.08	45.0	1670	23.4	4.2	0.002	0.04	1.87	6.5	1.9	0.3	38.7	<0.01	0.09	1.5
ZZ35402		0.08	73.8	1580	21.8	4.2	0.002	0.08	1.71	8.2	2.5	0.3	46.4	<0.01	0.07	1.9
ZZ35403		0.07	52.0	1640	29.1	5.1	0.002	0.07	2.13	6.9	2.1	0.4	36.5	<0.01	0.11	1.7
ZZ35404		0.07	50.4	1490	32.5	5.5	0.003	0.20	2.53	6.8	3.6	0.3	36.1	<0.01	0.12	2.1
ZZ35405		0.06	75.5	1900	39.1	3.9	0.004	0.20	1.78	9.1	2.6	0.3	56.2	<0.01	0.07	4.1
ZZ35406		0.23	23.6	1480	17.6	8.5	0.001	0.05	0.82	5.8	1.2	0.6	19.4	<0.01	0.05	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ35367		<0.005	0.11	4.90	44	0.08	20.2	193	1.5
ZZ35368		<0.005	0.13	2.45	36	0.07	14.70	133	1.4
ZZ35369		<0.005	0.25	1.28	33	0.05	8.64	148	1.0
ZZ35370		0.007	0.22	3.78	72	0.12	33.8	392	1.5
ZZ35371		0.011	0.14	2.65	64	0.12	26.0	318	0.9
ZZ35372		<0.005	0.14	0.85	59	0.12	30.8	225	2.8
ZZ35373		<0.005	0.88	4.33	181	0.15	19.35	186	2.0
ZZ35374		0.011	0.25	3.02	94	0.24	28.2	1290	1.3
ZZ35375		0.012	0.42	4.78	130	0.23	44.5	2540	1.1
ZZ35376		0.008	0.13	1.63	57	0.11	22.3	185	1.2
ZZ35377		<0.005	0.16	1.44	27	<0.05	16.00	182	1.1
ZZ35378		0.007	0.18	1.42	55	0.07	12.95	184	0.9
ZZ35379		<0.005	0.18	0.82	30	<0.05	4.62	91	0.8
ZZ35380		<0.005	0.11	0.83	20	<0.05	8.45	127	<0.5
ZZ35381		<0.005	1.03	16.25	102	0.05	45.6	562	4.6
ZZ35382		<0.005	0.68	4.80	66	0.08	22.3	1020	1.3
ZZ35383		0.008	0.45	2.89	63	0.13	53.7	853	1.9
ZZ35384		0.010	0.43	2.62	78	0.12	32.7	513	1.2
ZZ35385		<0.005	1.28	1.11	26	<0.05	12.05	184	2.2
ZZ35386		0.006	0.53	1.37	49	0.16	26.0	495	1.6
ZZ35387		0.006	0.20	1.05	44	0.15	20.9	201	1.2
ZZ35388		0.005	0.31	5.44	95	0.13	46.8	1080	2.2
ZZ35389		0.008	0.17	3.47	60	0.09	12.15	210	1.0
ZZ35390		0.006	0.57	5.65	134	0.14	67.0	2260	2.4
ZZ35391		0.006	0.91	16.85	230	0.25	45.4	889	0.6
ZZ35392		0.009	0.72	48.1	618	0.49	96.0	3690	4.6
ZZ35393		0.005	1.54	4.69	183	0.21	4.61	61	<0.5
ZZ35394		0.020	1.38	2.20	360	0.36	4.42	55	0.5
ZZ35395		0.010	1.50	1.75	191	0.25	2.97	65	<0.5
ZZ35396		0.008	1.10	1.72	88	0.17	2.84	32	<0.5
ZZ35397		0.005	0.92	2.73	100	0.23	13.75	142	2.0
ZZ35398		0.019	0.43	1.71	88	0.29	16.95	169	1.5
ZZ35399		<0.005	0.13	1.18	27	0.06	16.55	179	2.1
ZZ35400		<0.005	0.13	1.66	26	0.05	19.65	180	1.8
ZZ35401		<0.005	0.12	1.13	24	<0.05	19.70	216	1.7
ZZ35402		<0.005	0.13	1.17	23	<0.05	17.70	154	2.1
ZZ35403		<0.005	0.17	1.16	20	<0.05	16.75	166	2.3
ZZ35404		<0.005	0.20	1.12	21	<0.05	15.95	163	2.3
ZZ35405		<0.005	0.19	1.54	19	<0.05	14.40	149	10.4
ZZ35406		<0.005	0.12	0.61	49	0.05	14.40	97	0.9

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Finalized Date: 4-AUG-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ35407		0.36	<0.001	0.14	0.76	36.0	<0.2	<10	230	0.92	0.10	0.80	0.21	51.0	18.3	8
ZZ35408		0.32	<0.001	0.18	0.57	42.1	<0.2	<10	220	1.06	0.13	0.52	0.29	89.8	34.2	15
ZZ35409		0.30	0.001	0.62	0.80	23.2	<0.2	<10	300	1.17	0.21	0.55	0.69	84.5	23.9	13
ZZ35410		0.33	0.005	0.43	0.37	13.3	<0.2	<10	80	0.67	0.22	0.27	0.32	32.9	9.5	8
ZZ35411		0.40	0.006	0.42	0.56	14.8	<0.2	<10	220	0.83	0.19	0.46	0.58	68.7	21.2	13
ZZ35412		0.42	0.012	0.74	0.27	18.2	<0.2	<10	120	0.67	0.24	1.67	0.92	42.1	24.0	8
ZZ35413		0.38	0.011	1.02	0.40	19.2	<0.2	<10	180	0.68	0.21	0.86	1.37	39.2	18.8	9
ZZ35414		0.27	0.013	0.83	0.31	12.4	<0.2	<10	180	0.71	0.19	1.30	1.29	28.7	10.0	6
ZZ35415		0.44	0.009	0.57	0.23	14.3	<0.2	<10	90	0.69	0.23	1.25	0.80	18.60	21.4	5
ZZ35416		0.37	0.009	0.69	0.48	15.9	<0.2	<10	210	0.79	0.21	0.66	1.10	35.8	13.8	9
ZZ35417		0.42	0.002	0.21	1.31	22.1	<0.2	<10	1810	1.07	0.24	0.39	0.64	31.8	21.8	25
ZZ35418		0.38	0.001	0.51	1.72	16.7	<0.2	<10	290	0.59	0.28	0.07	0.50	18.90	6.9	27
ZZ35419		0.45	0.001	0.22	1.76	19.6	<0.2	<10	2770	1.04	0.24	0.13	0.45	23.0	14.7	29
ZZ35420		0.35	0.001	0.53	1.50	17.8	<0.2	<10	290	0.58	0.27	0.06	0.44	19.25	7.2	25
ZZ35421		0.39	0.002	0.57	1.47	24.5	<0.2	<10	1570	0.91	0.24	0.24	1.71	21.7	16.6	32
ZZ35422		0.42	0.002	1.27	1.26	19.8	<0.2	<10	1810	0.70	0.25	0.26	0.86	19.90	8.5	35
ZZ35423		0.36	0.001	0.08	1.77	24.0	<0.2	<10	920	0.77	0.25	0.20	0.38	18.40	13.8	27
ZZ35424		0.43	0.005	3.70	0.88	22.9	<0.2	<10	960	0.89	0.22	0.60	1.71	12.90	6.6	24
ZZ35425		0.34	<0.001	0.26	0.62	18.0	<0.2	<10	330	0.32	0.31	0.10	0.83	14.65	9.7	17
ZZ35426		0.36	0.004	1.82	0.31	20.6	<0.2	<10	1300	0.35	0.14	0.93	7.20	4.92	7.5	26
ZZ35427		0.34	0.003	2.78	0.73	24.7	<0.2	<10	1090	0.64	0.17	2.23	6.77	7.80	9.2	32
ZZ35428		0.28	0.001	1.41	0.76	16.8	<0.2	<10	780	0.52	0.17	1.74	2.88	13.65	7.7	24
ZZ35429		0.29	0.002	0.60	1.10	11.2	<0.2	<10	1240	0.56	0.18	1.70	1.35	16.65	10.2	23
ZZ35430		0.40	0.002	0.22	1.43	22.2	<0.2	<10	550	0.89	0.23	0.61	0.43	17.25	11.7	26
ZZ35431		0.43	0.002	0.33	1.44	16.6	<0.2	<10	1340	0.76	0.22	0.66	1.11	20.0	14.6	27
ZZ35432		0.41	0.003	0.29	1.50	15.6	<0.2	<10	730	0.75	0.24	0.57	0.71	22.2	11.6	28
ZZ35433		0.42	0.004	0.41	1.31	23.2	<0.2	<10	400	0.93	0.24	0.75	0.73	23.0	14.0	24
ZZ35434		0.37	0.001	0.22	1.35	18.2	<0.2	<10	660	0.73	0.22	1.20	0.68	19.40	10.8	24
ZZ35435		0.34	0.002	0.43	1.37	15.2	<0.2	<10	1350	0.80	0.21	1.44	1.09	16.80	11.5	28
ZZ35436		0.31	0.001	0.50	1.16	16.3	<0.2	<10	1070	0.79	0.23	0.95	2.78	17.05	13.9	24
ZZ35437		0.32	0.002	0.88	0.94	11.4	<0.2	<10	720	0.81	0.23	1.27	2.75	9.83	11.3	23
ZZ35438		0.19	0.006	0.37	1.14	10.4	<0.2	<10	880	0.73	0.21	1.98	3.57	15.80	10.4	22
ZZ35439		0.24	0.001	0.35	1.09	8.9	<0.2	<10	1030	0.71	0.21	1.79	3.80	16.05	10.2	21
ZZ35440		0.24	0.002	0.39	1.28	10.9	<0.2	<10	920	0.70	0.21	2.31	4.28	20.5	13.0	26
ZZ35441		0.18	0.001	0.54	1.23	13.2	<0.2	<10	840	0.70	0.22	2.52	4.58	16.20	13.5	27
ZZ35442		0.38	0.005	0.75	1.41	15.2	<0.2	<10	980	0.86	0.23	3.01	5.70	18.70	15.0	30
ZZ35443		0.41	0.002	0.47	0.89	12	<0.2	<10	1950	0.71	0.15	11.45	7.93	13.70	14.0	19
ZZ35444		0.20	0.005	1.32	1.20	43.1	<0.2	<10	2040	1.06	0.25	2.34	8.23	14.05	28.2	42
ZZ35445		0.45	0.005	1.41	1.81	120.0	<0.2	<10	920	1.34	0.21	2.02	17.65	12.50	66.4	38
ZZ35446		0.34	<0.001	0.06	1.69	21.5	<0.2	<10	260	0.73	0.29	0.07	0.34	20.7	18.9	27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ35407		1.93	28.6	3.99	2.35	0.06	0.05	0.26	0.033	0.15	26.6	5.7	0.10	369	1.14	<0.01
ZZ35408		1.45	50.6	6.06	1.95	0.10	0.04	1.01	0.051	0.09	43.3	5.4	0.08	1290	4.29	0.01
ZZ35409		0.89	46.3	5.15	2.18	0.07	0.04	0.25	0.047	0.09	29.3	7.5	0.08	1100	8.59	<0.01
ZZ35410		0.90	46.5	2.99	1.21	0.05	0.02	0.09	0.036	0.07	18.1	1.5	0.03	226	3.45	<0.01
ZZ35411		1.38	53.3	4.36	1.70	0.09	0.02	0.34	0.040	0.10	36.9	6.1	0.11	446	4.07	<0.01
ZZ35412		2.26	80.3	4.64	0.96	0.07	0.06	0.32	0.040	0.11	21.9	2.9	0.53	435	5.58	<0.01
ZZ35413		1.66	84.5	3.94	1.20	0.06	0.03	0.24	0.039	0.10	22.0	3.6	0.15	415	7.27	<0.01
ZZ35414		0.51	87.3	2.32	0.89	0.06	0.07	0.37	0.035	0.07	15.0	2.7	0.07	229	5.14	<0.01
ZZ35415		0.90	81.6	3.59	0.70	0.05	0.17	0.17	0.042	0.07	7.9	1.7	0.24	466	4.68	<0.01
ZZ35416		0.54	72.7	3.09	1.45	0.05	0.06	0.23	0.036	0.06	18.5	4.6	0.10	389	5.71	<0.01
ZZ35417		0.96	48.7	4.28	3.79	<0.05	0.07	0.08	0.044	0.06	9.0	23.5	0.46	970	2.85	<0.01
ZZ35418		1.27	16.1	3.07	6.17	<0.05	<0.02	37.9	0.031	0.06	9.5	14.2	0.23	282	6.58	<0.01
ZZ35419		1.19	35.4	3.72	5.03	<0.05	0.08	0.07	0.034	0.05	11.3	25.3	0.50	546	2.52	<0.01
ZZ35420		1.38	18.1	3.02	5.85	<0.05	<0.02	0.06	0.028	0.06	9.5	12.6	0.23	242	5.59	<0.01
ZZ35421		1.24	38.2	3.71	4.56	<0.05	0.05	0.11	0.038	0.07	10.7	23.7	0.45	708	5.15	<0.01
ZZ35422		1.00	30.4	2.80	4.25	0.05	0.02	0.07	0.034	0.06	10.5	12.6	0.29	407	6.01	<0.01
ZZ35423		1.52	30.4	3.93	5.35	<0.05	0.07	0.05	0.036	0.05	7.5	28.6	0.51	542	2.66	<0.01
ZZ35424		0.63	27.5	2.39	2.20	<0.05	0.04	0.13	0.024	0.09	8.4	9.3	0.18	183	9.83	<0.01
ZZ35425		2.35	11.6	2.62	6.12	<0.05	<0.02	0.05	0.022	0.05	7.6	4.1	0.08	1780	6.35	<0.01
ZZ35426		1.32	32.3	2.14	0.88	0.05	0.04	0.18	0.027	0.04	4.6	1.8	0.06	158	8.74	<0.01
ZZ35427		1.23	58.2	3.39	1.82	0.08	0.07	0.33	0.034	0.04	8.7	4.1	0.08	152	14.05	<0.01
ZZ35428		0.75	34.6	2.38	2.28	0.06	0.04	0.19	0.029	0.05	11.6	7.0	0.20	166	7.58	<0.01
ZZ35429		0.74	34.3	2.52	3.31	0.06	0.05	0.15	0.028	0.06	10.3	14.4	0.42	281	2.63	0.01
ZZ35430		0.62	48.9	3.83	4.23	0.05	0.08	0.14	0.038	0.08	8.8	22.5	0.54	425	1.92	<0.01
ZZ35431		0.79	44.6	3.49	4.41	0.07	0.07	0.14	0.032	0.07	10.6	23.6	0.59	477	2.23	<0.01
ZZ35432		0.96	33.9	3.35	4.69	0.07	0.06	0.16	0.037	0.06	11.2	28.9	0.53	393	1.54	<0.01
ZZ35433		1.02	61.0	3.86	3.93	0.08	0.07	0.18	0.035	0.07	12.0	25.3	0.60	512	1.92	<0.01
ZZ35434		1.10	36.4	3.10	4.07	<0.05	0.05	0.11	0.036	0.07	9.8	19.8	0.41	429	1.84	0.01
ZZ35435		0.88	43.7	3.12	3.85	0.05	0.05	0.19	0.037	0.07	10.5	22.7	0.49	456	2.16	0.01
ZZ35436		0.58	34.6	3.38	2.90	0.05	0.06	0.23	0.039	0.07	10.0	14.6	0.33	532	3.50	0.01
ZZ35437		0.92	42.9	2.71	2.51	<0.05	0.05	0.12	0.039	0.06	5.1	11.6	0.25	262	2.99	0.01
ZZ35438		0.99	29.9	2.55	3.01	<0.05	0.05	0.13	0.031	0.05	10.2	11.6	0.29	311	2.24	0.01
ZZ35439		0.87	27.7	2.40	2.92	<0.05	0.05	0.11	0.029	0.05	10.3	10.1	0.28	377	2.33	0.01
ZZ35440		0.68	32.7	2.86	3.61	0.06	0.04	0.15	0.030	0.05	14.2	16.2	0.43	711	1.87	0.01
ZZ35441		0.75	31.5	2.95	3.29	0.07	0.06	0.18	0.030	0.06	15.8	10.4	0.29	710	6.03	0.01
ZZ35442		0.56	34.3	3.30	3.43	0.07	0.06	0.20	0.031	0.06	19.9	10.7	0.31	749	6.06	0.01
ZZ35443		0.59	37.0	2.87	1.98	0.06	0.05	0.16	0.025	0.05	11.0	7.4	0.25	432	7.57	<0.01
ZZ35444		0.92	72.1	5.24	3.05	0.08	0.10	0.39	0.045	0.08	12.0	8.3	0.20	399	13.50	<0.01
ZZ35445		1.49	91.3	11.05	2.60	0.12	0.12	0.30	0.048	0.06	12.9	5.3	0.09	957	44.5	<0.01
ZZ35446		1.48	48.1	3.98	5.65	<0.05	0.05	0.08	0.036	0.06	9.2	21.5	0.49	826	2.82	<0.01

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ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ35407		0.15	15.6	1700	9.1	9.5	<0.001	0.03	0.40	5.5	1.2	0.3	28.4	<0.01	0.01	1.6
ZZ35408		0.09	63.6	1900	20.6	6.3	0.001	0.11	0.66	8.3	1.7	0.4	38.3	<0.01	0.02	2.7
ZZ35409		0.15	54.1	1600	35.9	7.8	0.001	0.03	1.53	5.9	2.1	0.4	28.6	<0.01	0.04	2.5
ZZ35410		0.05	29.6	2180	26.5	5.5	0.002	0.02	1.53	1.8	1.6	0.2	14.9	<0.01	0.13	0.5
ZZ35411		0.13	51.7	1920	28.1	5.8	0.001	0.02	1.44	5.9	2.0	0.3	29.6	<0.01	0.05	2.3
ZZ35412		0.06	56.3	1700	36.3	5.5	0.003	0.31	2.33	6.7	3.4	0.2	42.1	<0.01	0.12	3.5
ZZ35413		0.11	50.7	1730	30.3	5.7	0.002	0.12	2.73	6.7	2.9	0.2	35.5	<0.01	0.08	2.2
ZZ35414		0.08	34.3	1610	21.1	4.1	0.003	0.06	2.07	5.4	2.9	0.2	44.5	<0.01	0.08	1.6
ZZ35415		0.06	43.5	1940	27.9	3.4	0.002	0.15	2.34	6.2	1.5	0.2	36.4	<0.01	0.08	3.5
ZZ35416		0.18	42.3	1580	22.5	4.9	0.001	0.02	2.09	5.6	1.9	0.3	30.7	<0.01	0.07	2.4
ZZ35417		0.14	50.0	910	25.7	7.8	0.001	0.05	0.93	6.2	1.3	0.4	22.1	<0.01	0.08	2.3
ZZ35418		0.31	17.2	1480	15.5	10.1	0.001	0.07	2.05	0.5	2.0	0.7	16.7	<0.01	0.08	0.2
ZZ35419		0.31	39.5	910	19.4	10.7	<0.001	0.05	1.06	5.5	1.2	0.4	21.1	<0.01	0.07	2.3
ZZ35420		0.15	18.2	2110	14.5	11.4	0.001	0.07	2.36	0.5	2.1	0.7	20.6	<0.01	0.10	0.2
ZZ35421		0.21	50.3	2030	20.8	9.7	0.001	0.06	1.78	4.1	3.8	0.5	49.9	<0.01	0.10	1.7
ZZ35422		0.20	34.4	2780	16.3	9.2	0.003	0.10	1.91	1.5	4.7	0.6	73.6	<0.01	0.14	0.4
ZZ35423		0.32	31.5	920	21.6	11.4	<0.001	0.03	0.74	3.8	1.2	0.5	13.9	<0.01	0.10	1.6
ZZ35424		0.09	37.1	1550	15.4	8.1	0.003	0.17	3.00	2.7	7.7	0.6	109.5	<0.01	0.11	1.2
ZZ35425		0.10	15.8	2520	18.3	14.0	0.001	0.08	1.00	0.2	1.4	0.6	32.2	<0.01	0.07	<0.2
ZZ35426		0.06	103.5	1420	9.2	4.4	0.009	0.06	2.03	4.5	5.1	0.4	74.4	<0.01	0.10	0.6
ZZ35427		0.19	194.0	2000	10.6	5.2	0.004	0.13	2.42	3.3	9.2	0.4	75.6	<0.01	0.09	0.4
ZZ35428		0.31	79.8	1880	9.6	4.8	0.003	0.10	1.44	2.8	4.2	0.4	59.8	<0.01	0.09	0.5
ZZ35429		0.47	40.2	1140	10.0	5.9	0.004	0.09	1.07	3.1	1.8	0.4	36.4	<0.01	0.07	0.9
ZZ35430		0.20	32.2	740	16.0	6.6	0.002	0.04	0.66	6.1	1.4	0.4	19.1	<0.01	0.05	1.6
ZZ35431		0.28	39.2	920	14.6	7.1	0.002	0.05	0.70	5.0	1.3	0.4	22.1	<0.01	0.06	1.6
ZZ35432		0.55	30.4	690	14.1	8.9	0.002	0.03	0.61	5.1	0.9	0.5	21.5	<0.01	0.04	1.7
ZZ35433		0.26	39.0	840	18.2	6.7	0.002	0.03	0.75	7.6	1.4	0.4	30.8	0.01	0.06	2.7
ZZ35434		0.41	28.0	820	17.0	9.4	0.001	0.05	0.72	4.4	1.1	0.4	42.5	<0.01	0.07	1.2
ZZ35435		0.27	36.0	1050	13.5	7.4	0.001	0.07	0.82	4.6	1.8	0.4	46.5	<0.01	0.06	1.0
ZZ35436		0.22	58.6	1310	14.6	5.9	0.001	0.06	0.98	4.9	2.3	0.4	46.5	<0.01	0.06	1.5
ZZ35437		0.13	47.2	1540	14.9	7.3	0.005	0.08	1.27	4.1	3.1	0.4	48.0	<0.01	0.07	1.1
ZZ35438		0.44	61.3	1370	13.2	8.9	0.005	0.10	0.76	3.2	2.8	0.4	37.9	<0.01	0.07	0.9
ZZ35439		0.48	59.3	1420	13.0	7.2	0.003	0.08	0.71	3.0	1.9	0.4	29.2	<0.01	0.04	1.0
ZZ35440		0.57	62.3	2040	13.0	6.7	0.002	0.07	0.78	3.5	1.8	0.4	34.3	<0.01	0.07	1.1
ZZ35441		0.55	97.0	2090	13.2	7.6	0.003	0.14	1.40	2.4	4.2	0.5	36.9	0.01	0.11	0.5
ZZ35442		0.48	119.0	2230	14.4	6.5	0.002	0.11	1.51	2.9	3.9	0.5	45.7	0.01	0.10	0.7
ZZ35443		0.40	134.0	1750	9.4	4.6	0.002	0.07	1.75	3.1	3.5	0.3	97.3	<0.01	0.08	1.2
ZZ35444		0.33	440	2580	16.3	7.9	0.004	0.10	4.52	4.5	11.1	0.7	85.6	<0.01	0.35	1.3
ZZ35445		0.21	1125	2810	13.7	5.5	0.003	0.05	8.78	8.2	9.4	0.6	94.3	<0.01	0.17	2.1
ZZ35446		0.28	31.0	800	20.9	12.6	0.001	0.02	0.68	4.1	0.9	0.5	8.9	<0.01	0.06	1.8

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VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ35407		<0.005	0.10	0.76	36	<0.05	13.30	83	1.2
ZZ35408		<0.005	0.32	0.68	34	<0.05	23.0	116	1.0
ZZ35409		<0.005	0.23	0.96	27	0.05	19.50	149	1.0
ZZ35410		<0.005	0.12	1.05	16	0.06	11.95	103	<0.5
ZZ35411		0.005	0.12	1.10	24	0.08	20.6	127	0.5
ZZ35412		<0.005	0.19	1.22	16	<0.05	16.25	160	4.1
ZZ35413		<0.005	0.20	1.45	24	<0.05	21.5	211	1.4
ZZ35414		<0.005	0.11	1.88	21	<0.05	22.2	160	2.8
ZZ35415		<0.005	0.09	1.11	12	<0.05	16.80	153	9.7
ZZ35416		0.005	0.11	1.48	23	0.08	19.70	161	2.1
ZZ35417		<0.005	0.14	1.01	41	<0.05	12.00	134	1.9
ZZ35418		0.010	0.51	2.73	105	0.24	4.59	72	<0.5
ZZ35419		0.006	0.16	1.33	55	0.13	15.00	124	1.9
ZZ35420		0.007	0.40	2.37	113	0.21	5.67	79	<0.5
ZZ35421		0.007	0.23	2.01	76	0.16	14.35	218	1.3
ZZ35422		0.010	0.29	3.89	80	0.27	14.25	166	0.6
ZZ35423		0.005	0.18	0.99	54	0.09	5.08	101	1.6
ZZ35424		<0.005	0.36	1.85	74	0.19	13.20	174	1.3
ZZ35425		0.005	0.31	1.24	91	0.16	3.33	98	<0.5
ZZ35426		<0.005	0.33	2.51	57	0.15	37.9	412	1.3
ZZ35427		0.006	0.29	4.63	74	0.18	51.7	1000	2.1
ZZ35428		0.012	0.25	3.05	49	0.18	30.8	349	1.3
ZZ35429		0.015	0.18	1.57	47	0.26	16.00	185	1.4
ZZ35430		<0.005	0.12	1.02	47	0.06	13.65	126	2.0
ZZ35431		0.008	0.14	1.19	48	0.15	15.05	175	1.9
ZZ35432		0.012	0.15	0.95	48	0.14	13.10	126	1.7
ZZ35433		0.006	0.18	1.12	43	0.05	17.80	153	2.2
ZZ35434		0.009	0.17	1.76	46	0.09	11.95	120	1.3
ZZ35435		0.006	0.16	1.69	48	0.06	18.95	148	1.4
ZZ35436		<0.005	0.23	1.82	55	0.06	21.8	271	1.7
ZZ35437		<0.005	0.25	2.14	47	0.06	14.55	196	1.4
ZZ35438		0.006	0.44	2.28	44	0.10	18.00	482	1.5
ZZ35439		0.008	0.39	2.16	43	0.10	17.15	639	1.4
ZZ35440		0.013	0.30	1.83	54	0.15	24.5	382	1.3
ZZ35441		0.013	0.39	4.15	64	0.16	34.5	490	1.7
ZZ35442		0.011	0.39	2.69	80	0.17	43.3	585	1.6
ZZ35443		0.012	0.58	2.89	63	0.20	28.8	679	1.5
ZZ35444		0.005	1.14	14.00	143	0.19	52.5	2230	3.2
ZZ35445		<0.005	1.33	7.35	143	0.34	100.0	6240	4.8
ZZ35446		0.005	0.17	0.69	61	0.08	5.25	109	1.3

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ35447		0.39	0.001	0.08	2.10	25.3	<0.2	<10	430	1.12	0.26	0.10	0.79	30.4	20.9	32
ZZ35448		0.36	0.002	0.18	2.18	19.4	<0.2	<10	890	1.02	0.26	0.22	0.54	30.4	17.1	35
ZZ35449		0.37	0.001	0.08	2.08	22.3	<0.2	<10	370	0.71	0.27	0.13	0.21	19.90	14.4	31
ZZ35450		0.40	0.001	0.06	2.03	17.1	<0.2	<10	520	0.95	0.26	0.11	0.25	22.1	14.9	32
ZZ35451		0.40	<0.001	0.13	2.08	22.5	<0.2	<10	380	1.19	0.25	0.11	0.43	27.2	20.6	31
ZZ35452		0.35	<0.001	0.08	1.66	20.5	<0.2	<10	280	0.76	0.24	0.06	0.27	19.00	12.0	26
ZZ35453		0.25	0.002	0.42	0.86	8.6	<0.2	<10	790	0.68	0.23	1.78	1.43	12.40	11.4	24
ZZ35454		0.26	<0.001	0.35	1.27	14.6	<0.2	<10	1280	0.71	0.21	2.92	3.41	13.55	19.1	26
ZZ35455		0.23	<0.001	0.11	0.81	3.8	<0.2	<10	300	0.31	0.18	3.69	3.87	11.40	5.7	14
ZZ35456		0.40	0.001	0.35	1.00	9.6	<0.2	<10	920	0.48	0.17	9.20	4.15	13.85	10.4	21
ZZ35457		0.23	0.001	0.43	1.17	11.0	<0.2	<10	2980	0.49	0.19	2.17	5.36	19.05	10.4	24
ZZ35458		0.42	0.003	0.76	1.06	19.5	<0.2	<10	1360	0.58	0.19	1.92	4.21	19.15	13.8	30
ZZ35459		0.27	0.001	0.42	1.44	12.4	<0.2	<10	1670	0.63	0.20	1.72	1.88	19.20	10.5	26
ZZ35460		0.35	0.002	1.02	1.42	22.2	<0.2	<10	470	1.02	0.23	1.77	1.79	20.4	16.0	37
ZZ35461		0.40	0.001	0.15	1.65	19.8	<0.2	<10	400	0.74	0.25	0.14	0.78	21.4	14.7	29
ZZ35462		0.39	0.003	0.67	0.70	13.4	<0.2	<10	600	0.35	0.19	0.06	0.65	11.30	2.7	24
ZZ35463		0.44	0.007	4.80	1.65	53.3	<0.2	<10	3150	2.04	0.24	1.76	5.84	26.2	4.9	104
ZZ35464		0.29	0.002	0.50	1.86	28.3	<0.2	<10	270	0.39	0.32	0.06	0.77	21.3	3.4	28
ZZ35465		0.41	<0.001	0.09	1.61	23.4	<0.2	<10	220	0.76	0.27	0.16	0.45	32.0	19.6	26
ZZ35466		0.37	0.001	0.09	1.53	9.5	<0.2	<10	150	0.25	0.29	0.08	0.23	24.0	4.2	24
ZZ35467		0.38	<0.001	0.07	1.55	11.5	<0.2	<10	160	0.34	0.29	0.07	0.31	21.1	4.4	22
ZZ35468		0.29	0.029	1.61	1.42	109.0	<0.2	<10	1490	0.86	0.75	0.63	0.91	15.85	5.3	23
ZZ35469		0.32	0.001	0.19	1.94	32.3	<0.2	<10	900	1.29	0.29	0.07	1.35	32.5	15.0	31
ZZ35470		0.40	0.001	0.14	1.81	22.5	<0.2	<10	630	0.80	0.28	0.12	0.44	25.6	11.2	28
ZZ35471		0.30	0.002	0.20	1.63	20.9	<0.2	<10	330	0.82	0.28	0.10	0.33	23.4	10.9	24
ZZ35472		0.41	0.014	0.95	0.38	24.0	<0.2	<10	240	0.69	0.22	1.48	1.54	33.6	13.4	7
ZZ35473		0.39	0.028	0.66	0.32	13.0	<0.2	<10	210	0.92	0.25	1.66	0.60	21.1	17.8	8
ZZ35474		0.33	0.009	0.71	0.23	16.6	<0.2	<10	200	0.82	0.21	2.20	1.34	19.65	12.7	5
ZZ35475		0.30	0.014	0.50	0.39	8.2	<0.2	<10	290	0.47	0.15	2.17	1.06	31.6	11.7	6
ZZ35476		0.30	0.018	0.40	0.53	6.3	<0.2	<10	260	0.44	0.15	1.71	0.69	32.9	11.2	9
ZZ35477		0.31	0.030	0.43	0.49	5.9	<0.2	<10	240	0.46	0.16	1.77	0.72	33.0	10.6	8
ZZ35478		0.47	0.017	0.59	0.83	11.9	<0.2	<10	360	0.65	0.21	0.91	0.48	36.9	11.0	13
ZZ35479		0.35	0.004	0.51	0.79	32.0	<0.2	<10	430	0.85	0.19	1.14	0.80	46.3	14.8	17
ZZ35480		0.29	<0.001	0.08	0.99	12.6	<0.2	<10	180	0.65	0.19	0.24	0.14	65.1	20.0	28
ZZ35481		0.32	0.001	0.17	1.74	12.3	<0.2	<10	390	0.77	0.14	0.69	0.15	50.3	15.4	23
ZZ35482		0.36	0.001	0.21	1.38	14.3	<0.2	<10	400	0.92	0.15	0.85	0.31	71.3	17.4	28
ZZ35483		0.40	<0.001	0.36	0.81	13.5	<0.2	<10	290	0.93	0.18	0.63	0.49	81.0	20.6	17
ZZ35484		0.43	0.001	0.25	1.28	13.2	<0.2	<10	410	0.84	0.16	0.67	0.47	74.5	20.7	27
ZZ35485		0.34	0.001	0.15	1.14	15.8	<0.2	<10	490	0.87	0.14	0.59	0.25	86.5	21.8	19
ZZ35486		0.45	0.001	0.18	1.59	15.1	<0.2	<10	290	0.85	0.15	0.46	0.35	78.0	21.7	52

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ35447		1.34	54.3	4.47	5.12	0.06	0.06	0.08	0.041	0.06	11.7	30.4	0.68	764	3.52	<0.01
ZZ35448		1.58	38.8	3.89	5.94	0.06	0.06	0.07	0.039	0.07	13.6	27.5	0.66	694	2.71	<0.01
ZZ35449		1.39	36.4	4.36	6.03	<0.05	0.07	0.05	0.039	0.05	9.2	31.3	0.68	522	2.18	<0.01
ZZ35450		1.53	31.8	3.81	5.59	<0.05	0.06	0.04	0.040	0.06	9.7	27.8	0.52	521	2.93	<0.01
ZZ35451		1.58	54.8	4.54	4.98	0.05	0.06	0.10	0.043	0.07	10.0	32.9	0.62	811	2.14	<0.01
ZZ35452		1.50	34.6	3.79	4.96	<0.05	0.06	0.07	0.034	0.05	7.1	24.2	0.42	569	2.24	<0.01
ZZ35453		1.28	33.5	2.45	2.86	0.12	0.10	0.19	0.040	0.06	6.2	9.7	0.17	162	2.75	<0.01
ZZ35454		0.78	35.2	3.10	3.51	<0.05	0.06	0.13	0.030	0.07	11.9	12.1	0.30	517	5.00	<0.01
ZZ35455		0.67	17.9	1.36	2.13	<0.05	0.03	0.13	0.021	0.03	8.8	2.3	0.06	438	1.64	0.01
ZZ35456		0.63	23.5	2.28	2.64	0.05	0.02	0.13	0.027	0.06	13.3	8.5	0.28	679	3.40	0.01
ZZ35457		0.58	23.5	2.36	3.20	0.05	0.04	0.09	0.026	0.05	16.0	8.8	0.29	644	4.73	<0.01
ZZ35458		0.56	31.1	3.15	2.99	0.06	0.04	0.15	0.031	0.06	17.3	9.9	0.31	500	15.20	0.01
ZZ35459		0.89	20.2	2.71	3.92	0.05	0.03	0.13	0.028	0.05	13.3	11.7	0.33	608	4.37	<0.01
ZZ35460		0.98	37.6	3.71	3.43	0.07	0.05	0.25	0.041	0.06	14.9	12.0	0.33	1520	13.45	<0.01
ZZ35461		1.32	33.6	3.99	5.23	0.05	0.04	0.07	0.039	0.05	7.9	19.3	0.41	864	3.10	<0.01
ZZ35462		1.11	31.4	1.47	3.26	0.05	<0.02	0.05	0.032	0.04	5.4	4.5	0.08	138	13.10	<0.01
ZZ35463		1.77	324	3.09	2.95	0.14	0.03	0.33	0.047	0.12	14.2	9.2	0.15	74	25.7	<0.01
ZZ35464		1.95	25.7	2.17	7.98	<0.05	<0.02	0.09	0.032	0.06	9.2	8.5	0.18	96	10.05	<0.01
ZZ35465		1.05	48.0	3.97	4.88	0.05	0.03	0.09	0.032	0.05	13.4	31.0	0.68	781	1.50	<0.01
ZZ35466		1.91	8.4	2.10	6.59	<0.05	<0.02	0.04	0.017	0.05	12.2	11.0	0.30	192	2.90	<0.01
ZZ35467		1.66	11.0	2.06	6.01	<0.05	<0.02	0.04	0.026	0.06	9.0	10.5	0.27	170	2.74	<0.01
ZZ35468		3.01	28.1	2.83	5.01	<0.05	0.19	4.30	0.060	0.14	7.2	5.7	0.14	544	43.3	<0.01
ZZ35469		1.32	37.0	5.39	3.97	0.06	0.05	0.25	0.058	0.05	8.2	23.1	0.28	2250	9.20	<0.01
ZZ35470		1.48	28.9	3.52	5.18	<0.05	0.07	0.07	0.042	0.06	11.2	19.7	0.40	633	2.61	0.01
ZZ35471		1.34	35.1	4.11	5.46	<0.05	0.04	0.13	0.040	0.05	8.0	19.6	0.36	618	2.55	<0.01
ZZ35472		0.91	108.5	3.34	1.16	0.06	0.07	0.31	0.040	0.10	18.2	4.1	0.24	359	8.04	<0.01
ZZ35473		1.56	120.5	3.82	1.04	0.06	0.08	0.21	0.044	0.09	9.2	2.3	0.29	481	4.95	<0.01
ZZ35474		1.25	71.8	2.79	0.61	0.05	0.10	0.23	0.039	0.07	8.4	1.8	0.42	347	7.41	<0.01
ZZ35475		0.51	77.5	1.93	1.12	0.06	0.06	0.28	0.028	0.07	19.2	4.4	0.15	980	1.82	0.01
ZZ35476		0.39	66.1	1.85	1.64	0.05	0.04	0.16	0.024	0.07	18.0	6.4	0.17	1050	1.67	<0.01
ZZ35477		0.56	73.9	1.85	1.48	<0.05	0.07	0.17	0.028	0.08	20.0	6.3	0.18	626	1.12	0.01
ZZ35478		1.62	76.5	3.39	2.66	0.06	0.06	0.20	0.037	0.13	25.2	12.3	0.22	476	2.49	0.01
ZZ35479		0.44	60.8	3.64	2.36	0.06	0.11	0.22	0.039	0.08	25.5	7.3	0.22	824	5.77	<0.01
ZZ35480		1.43	28.9	4.00	4.02	0.06	<0.02	0.04	0.035	0.13	31.8	10.6	0.14	422	1.34	<0.01
ZZ35481		1.35	27.8	4.49	5.93	0.05	0.09	0.05	0.038	0.10	22.7	14.7	0.28	566	1.58	<0.01
ZZ35482		1.18	29.9	4.68	4.37	0.06	0.06	0.07	0.045	0.11	36.1	14.1	0.30	713	1.88	<0.01
ZZ35483		1.70	45.3	5.05	2.45	0.09	0.06	0.11	0.049	0.13	45.4	7.3	0.15	549	3.10	<0.01
ZZ35484		1.58	36.8	4.79	3.98	0.09	0.06	0.07	0.040	0.13	37.5	13.7	0.30	746	2.05	0.01
ZZ35485		1.18	33.8	5.03	3.85	0.09	0.04	0.08	0.044	0.16	43.8	12.2	0.25	760	1.59	0.01
ZZ35486		1.60	26.9	4.75	4.96	0.11	0.05	0.07	0.041	0.12	42.5	17.8	0.37	1080	2.27	0.01

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ35447		0.23	48.9	710	20.1	10.9	0.001	0.02	0.98	5.8	1.7	0.4	12.6	0.01	0.07	2.7
ZZ35448		0.51	38.3	1070	17.1	13.6	0.001	0.02	1.63	4.5	1.4	0.5	17.4	<0.01	0.06	2.0
ZZ35449		0.34	30.1	1090	18.6	10.8	0.002	0.03	1.62	3.8	1.0	0.5	11.7	<0.01	0.07	1.8
ZZ35450		0.53	34.0	920	17.2	12.4	0.001	0.03	1.07	3.8	1.4	0.5	14.6	0.01	0.04	1.9
ZZ35451		0.20	42.2	1030	22.0	11.9	0.001	0.03	0.79	5.0	1.2	0.4	13.6	<0.01	0.07	2.3
ZZ35452		0.37	27.2	1160	16.6	14.0	0.001	0.04	0.74	2.9	0.7	0.5	8.7	<0.01	0.06	1.3
ZZ35453		0.58	68.3	1580	13.7	9.9	0.004	0.08	0.84	3.9	2.2	0.4	45.2	0.01	0.08	1.4
ZZ35454		0.43	131.0	3340	13.0	7.5	0.002	0.10	1.42	3.0	2.4	0.4	44.8	<0.01	0.11	1.0
ZZ35455		0.43	20.0	1630	9.5	4.6	0.002	0.17	0.80	1.1	1.6	0.3	44.5	<0.01	0.11	0.2
ZZ35456		0.39	60.6	1640	10.0	5.6	0.002	0.10	1.00	1.7	2.3	0.3	50.1	<0.01	0.09	0.4
ZZ35457		0.56	51.5	1770	10.7	6.6	0.002	0.14	1.21	2.0	1.6	0.4	38.4	<0.01	0.07	0.5
ZZ35458		0.38	109.0	1810	12.4	6.0	0.003	0.08	1.73	3.5	3.3	0.4	46.3	<0.01	0.12	1.0
ZZ35459		0.59	59.0	1220	11.5	8.6	0.002	0.09	0.93	2.5	2.6	0.4	25.0	<0.01	0.05	0.8
ZZ35460		0.29	110.5	1940	16.6	9.2	0.002	0.05	1.57	6.1	5.0	0.5	51.6	<0.01	0.12	1.1
ZZ35461		0.39	35.4	1310	19.1	12.2	0.001	0.05	0.81	2.9	1.3	0.5	11.8	<0.01	0.08	0.8
ZZ35462		0.19	10.0	1570	10.7	7.8	0.004	0.03	2.39	4.6	3.5	0.7	23.1	<0.01	0.09	0.4
ZZ35463		0.05	181.5	>10000	14.7	10.8	0.030	0.05	39.9	11.6	39.2	1.0	440	<0.01	0.26	4.4
ZZ35464		0.26	18.4	1600	14.2	9.4	<0.001	0.07	4.68	0.4	4.3	1.0	42.9	<0.01	0.10	<0.2
ZZ35465		0.21	43.3	840	20.6	6.5	<0.001	0.01	0.77	4.8	1.0	0.3	18.6	<0.01	0.08	3.2
ZZ35466		0.26	11.5	960	12.2	12.7	<0.001	0.04	0.69	0.5	0.7	0.7	10.9	<0.01	0.04	<0.2
ZZ35467		0.39	13.2	750	11.4	10.4	<0.001	0.02	0.76	0.9	0.7	0.6	13.1	<0.01	0.04	0.2
ZZ35468		0.16	49.8	2170	60.4	17.0	0.008	0.20	20.9	2.2	8.6	1.8	149.5	<0.01	0.18	0.7
ZZ35469		0.20	65.3	1620	23.7	10.3	0.002	0.09	3.92	7.9	3.4	0.4	21.6	<0.01	0.14	1.0
ZZ35470		0.40	29.5	1230	16.2	12.3	0.001	0.04	1.00	4.2	1.4	0.5	13.1	<0.01	0.06	1.3
ZZ35471		0.34	26.1	1490	16.5	12.0	0.001	0.04	1.01	2.7	1.1	0.5	10.8	<0.01	0.08	0.7
ZZ35472		0.07	45.6	2190	20.1	5.6	0.002	0.07	3.53	6.5	2.8	0.3	56.4	<0.01	0.09	2.0
ZZ35473		0.06	46.7	2320	18.0	4.6	0.003	0.07	2.34	9.0	2.3	0.3	68.2	<0.01	0.11	2.8
ZZ35474		0.09	43.3	1400	20.6	3.6	0.002	0.07	2.94	5.9	2.2	0.2	61.5	<0.01	0.08	2.1
ZZ35475		0.15	25.4	1460	12.0	4.8	0.002	0.14	1.82	2.9	2.6	0.2	56.1	<0.01	0.07	0.6
ZZ35476		0.24	22.0	1230	11.2	5.7	0.001	0.11	1.27	3.0	1.9	0.2	50.3	<0.01	0.08	0.7
ZZ35477		0.24	23.6	1250	11.2	5.4	0.001	0.10	0.95	3.6	1.8	0.2	52.5	<0.01	0.06	1.0
ZZ35478		0.22	29.5	1470	14.9	9.5	0.002	0.08	1.43	6.0	2.3	0.4	36.0	<0.01	0.08	1.3
ZZ35479		0.23	42.4	1390	17.8	5.7	0.001	0.05	1.92	6.6	2.1	0.3	59.3	<0.01	0.10	1.9
ZZ35480		0.37	36.9	1080	17.0	10.2	<0.001	0.02	0.79	4.7	0.7	0.5	9.8	0.01	0.05	1.5
ZZ35481		0.40	25.0	1490	11.0	11.4	<0.001	0.04	0.59	5.3	0.8	0.6	28.7	<0.01	0.02	1.6
ZZ35482		0.37	36.5	1350	14.6	9.3	0.001	0.04	0.79	6.9	1.0	0.5	30.3	<0.01	0.03	2.2
ZZ35483		0.14	52.2	1670	22.3	9.2	0.001	0.03	1.02	7.9	1.7	0.4	30.6	<0.01	0.02	3.1
ZZ35484		0.23	40.4	1890	17.1	9.7	<0.001	0.02	0.88	8.0	1.2	0.5	28.5	<0.01	0.01	2.9
ZZ35485		0.31	29.6	1990	12.1	8.6	<0.001	0.02	0.70	8.6	1.3	0.5	30.6	<0.01	0.02	3.6
ZZ35486		0.47	47.1	1950	11.8	9.2	<0.001	0.02	1.00	11.9	1.2	0.5	27.2	<0.01	0.03	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ35447		<0.005	0.19	1.23	59	0.06	12.75	211	2.3
ZZ35448		0.010	0.20	1.19	91	0.16	12.30	119	1.4
ZZ35449		0.005	0.21	1.03	119	0.10	4.62	84	1.9
ZZ35450		0.007	0.22	0.92	73	0.14	5.80	108	1.7
ZZ35451		<0.005	0.18	0.77	57	0.05	8.96	127	1.5
ZZ35452		0.005	0.22	0.70	56	0.08	4.17	90	1.5
ZZ35453		<0.005	0.37	3.08	34	0.10	11.60	313	4.1
ZZ35454		0.007	0.49	3.66	60	0.10	25.7	597	2.0
ZZ35455		0.018	0.14	2.24	30	0.06	14.05	149	1.1
ZZ35456		0.013	0.32	1.61	47	0.12	26.3	355	0.7
ZZ35457		0.020	0.20	2.12	59	0.17	26.7	335	1.2
ZZ35458		0.017	0.33	2.60	67	0.33	39.4	492	1.3
ZZ35459		0.015	0.28	2.58	54	0.16	19.30	266	1.0
ZZ35460		0.007	0.36	5.24	80	0.15	46.5	478	1.7
ZZ35461		0.007	0.24	0.95	63	0.10	7.84	157	1.2
ZZ35462		0.009	0.35	5.02	74	0.54	11.95	49	0.5
ZZ35463		<0.005	0.30	11.85	601	0.32	44.7	474	1.4
ZZ35464		0.006	1.16	3.72	288	0.32	4.39	76	<0.5
ZZ35465		0.008	0.12	0.78	46	0.07	7.59	117	1.0
ZZ35466		0.018	0.36	0.76	59	0.24	2.52	43	<0.5
ZZ35467		0.018	0.33	0.78	60	0.25	2.50	55	<0.5
ZZ35468		<0.005	4.51	7.70	898	0.34	11.00	70	5.7
ZZ35469		0.005	0.64	4.42	332	0.14	28.7	221	1.4
ZZ35470		0.008	0.24	1.47	60	0.13	13.15	104	1.5
ZZ35471		0.007	0.19	0.98	57	0.11	8.43	91	0.8
ZZ35472		<0.005	0.19	1.79	29	<0.05	22.1	252	2.5
ZZ35473		<0.005	0.11	1.30	28	<0.05	21.5	179	3.1
ZZ35474		<0.005	0.17	1.08	19	<0.05	18.95	191	4.6
ZZ35475		<0.005	0.09	1.89	18	<0.05	22.0	113	1.8
ZZ35476		0.006	0.08	1.47	21	<0.05	17.45	68	1.3
ZZ35477		0.007	0.07	0.98	17	<0.05	19.80	74	2.2
ZZ35478		0.006	0.13	1.31	29	0.07	22.6	116	1.6
ZZ35479		0.005	0.14	0.85	42	0.10	21.0	147	2.9
ZZ35480		0.009	0.17	0.48	45	0.15	6.96	50	<0.5
ZZ35481		0.007	0.13	0.62	68	0.14	8.10	84	1.7
ZZ35482		0.007	0.15	0.67	52	0.09	18.15	99	1.5
ZZ35483		<0.005	0.20	0.61	33	<0.05	24.7	131	1.6
ZZ35484		0.006	0.14	0.75	48	0.07	17.85	111	1.1
ZZ35485		0.009	0.09	0.83	55	0.07	18.90	92	0.9
ZZ35486		0.021	0.13	1.05	60	0.16	23.0	88	1.2

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ35487		0.37	0.005	0.34	0.90	19.8	<0.2	<10	220	0.72	0.19	0.50	0.53	83.1	24.4	18
ZZ35488		0.40	0.028	0.66	0.66	15.0	<0.2	<10	270	0.58	0.23	0.55	0.44	41.0	16.0	13
ZZ35489		0.30	0.029	1.59	0.51	16.9	<0.2	<10	320	0.64	0.20	1.54	2.41	36.0	10.7	8
ZZ35490		0.39	0.007	0.69	0.20	26.6	<0.2	<10	180	0.57	0.23	4.66	1.20	34.0	15.2	5
ZZ35491		0.32	0.019	0.99	0.42	19.2	<0.2	<10	260	0.66	0.20	1.53	1.15	30.2	11.8	7
ZZ35492		0.36	0.016	0.86	0.34	22.0	<0.2	<10	240	0.75	0.21	1.60	2.44	21.3	14.1	14
ZZ35493		0.40	0.013	0.83	0.34	22.5	<0.2	<10	230	0.62	0.20	1.96	1.52	33.2	12.9	6
ZZ35494		0.35	0.011	0.65	0.49	14.6	<0.2	<10	260	0.69	0.21	0.69	1.47	30.3	11.5	8
ZZ35495		0.40	0.004	0.15	1.96	25.2	<0.2	<10	380	1.24	0.27	0.14	1.15	31.1	20.6	28
ZZ35496		0.34	0.002	0.09	1.91	24.4	<0.2	<10	410	0.79	0.27	0.08	0.39	22.1	14.1	28
ZZ35497		0.34	0.003	0.26	1.84	21.9	<0.2	<10	250	0.71	0.27	0.06	0.61	21.4	11.8	30
ZZ35498		0.39	0.003	1.87	4.38	133.0	<0.2	<10	2310	7.79	0.25	0.76	33.8	24.7	42.1	57
ZZ35499		0.50	0.004	2.54	2.03	151.5	<0.2	<10	1640	4.92	0.27	0.22	7.02	24.0	12.0	125
ZZ35500		0.51	0.006	0.64	1.35	21.1	<0.2	<10	1520	0.85	0.22	0.51	1.82	23.0	11.5	30

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ35487		1.86	45.2	5.45	2.76	0.09	0.03	0.09	0.041	0.16	45.5	12.0	0.30	364	3.88	<0.01
ZZ35488		1.85	88.7	3.91	1.97	0.06	0.05	0.29	0.038	0.13	24.9	8.7	0.17	507	3.67	<0.01
ZZ35489		0.89	119.0	2.42	1.72	0.06	0.10	0.43	0.033	0.12	19.4	6.8	0.12	746	6.66	<0.01
ZZ35490		1.39	63.4	3.94	0.52	0.05	0.28	0.33	0.033	0.07	16.3	1.4	0.45	226	15.00	<0.01
ZZ35491		1.03	87.3	3.01	1.19	0.05	0.08	0.33	0.038	0.10	17.5	5.1	0.24	269	6.53	<0.01
ZZ35492		0.78	92.7	3.74	1.07	0.05	0.06	0.33	0.039	0.08	12.1	3.0	0.29	376	9.99	0.01
ZZ35493		0.80	89.5	3.17	1.00	0.05	0.09	0.28	0.038	0.09	17.3	3.2	0.30	344	7.78	0.01
ZZ35494		0.37	56.8	2.94	1.31	<0.05	0.10	0.21	0.035	0.09	14.7	3.9	0.08	369	5.64	<0.01
ZZ35495		1.19	40.7	4.13	4.07	<0.05	0.06	0.10	0.048	0.05	8.3	29.1	0.42	1140	6.76	<0.01
ZZ35496		1.42	26.7	3.93	5.47	<0.05	0.04	0.05	0.035	0.05	7.2	28.0	0.43	609	2.53	<0.01
ZZ35497		1.52	29.7	3.67	5.55	<0.05	0.05	0.22	0.035	0.06	7.9	24.1	0.42	576	3.34	<0.01
ZZ35498		1.09	517	13.85	3.07	0.13	0.07	0.78	0.127	0.08	31.4	10.7	0.07	218	43.2	<0.01
ZZ35499		1.64	198.0	9.87	8.07	0.10	0.06	0.10	0.222	0.13	11.9	4.3	0.07	220	41.8	<0.01
ZZ35500		1.33	51.1	3.17	4.00	0.06	0.04	0.12	0.039	0.08	12.1	13.1	0.41	470	5.05	<0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ35487		0.19	70.5	1800	29.3	8.4	0.002	0.02	1.30	7.7	1.8	0.3	24.0	<0.01	0.04	4.2
ZZ35488		0.18	40.3	1380	18.7	7.4	0.001	0.06	1.80	7.0	2.0	0.3	27.9	<0.01	0.09	2.5
ZZ35489		0.12	31.6	2430	16.4	7.9	0.003	0.10	4.02	4.9	4.4	0.3	59.5	<0.01	0.10	1.4
ZZ35490		0.07	59.4	1150	24.1	3.2	0.002	0.05	3.15	7.1	3.2	0.2	113.5	<0.01	0.08	4.5
ZZ35491		0.10	39.4	1570	19.6	5.6	0.002	0.07	3.07	5.7	2.3	0.3	54.5	<0.01	0.09	1.4
ZZ35492		0.09	88.6	1730	15.5	3.8	0.002	0.06	4.52	7.0	3.6	0.4	84.5	<0.01	0.09	2.0
ZZ35493		0.09	44.7	1920	19.5	5.0	0.004	0.09	3.31	6.5	3.2	0.2	66.4	<0.01	0.07	2.0
ZZ35494		0.10	33.3	1750	17.9	4.8	0.002	0.05	2.03	4.7	2.2	0.2	31.9	<0.01	0.09	1.2
ZZ35495		0.22	48.0	1460	24.4	10.1	0.002	0.03	1.69	4.4	1.9	0.4	17.8	<0.01	0.14	2.4
ZZ35496		0.44	30.2	1100	17.7	10.7	0.001	0.04	0.94	2.7	0.9	0.5	10.9	<0.01	0.06	1.0
ZZ35497		0.36	29.2	1510	17.1	14.5	0.001	0.04	1.62	2.9	1.7	0.5	13.4	<0.01	0.07	1.1
ZZ35498		0.10	1085	7330	14.7	6.0	0.002	0.11	13.15	28.1	9.0	0.6	243	<0.01	0.14	3.7
ZZ35499		0.17	204	5820	22.1	8.6	0.002	0.23	26.0	18.4	10.2	1.0	684	<0.01	0.18	2.6
ZZ35500		0.44	46.7	1300	14.0	8.4	0.001	0.05	1.81	5.0	2.3	0.5	56.6	<0.01	0.06	1.9

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CERTIFICATE OF ANALYSIS WH13131716

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ35487		<0.005	0.17	0.98	25	<0.05	17.60	110	1.6
ZZ35488		0.007	0.13	1.16	26	0.05	19.85	133	1.5
ZZ35489		<0.005	0.19	2.95	39	<0.05	19.85	198	2.9
ZZ35490		<0.005	0.33	1.57	15	<0.05	17.20	228	14.4
ZZ35491		<0.005	0.19	1.43	25	<0.05	20.6	191	2.9
ZZ35492		<0.005	0.19	1.94	71	0.05	23.4	367	2.7
ZZ35493		<0.005	0.17	1.68	25	<0.05	21.9	217	3.2
ZZ35494		<0.005	0.14	1.49	24	<0.05	19.80	172	2.5
ZZ35495		<0.005	0.23	1.68	67	0.13	10.45	170	1.9
ZZ35496		0.007	0.22	0.94	60	0.14	5.47	103	0.9
ZZ35497		0.006	0.28	1.56	81	0.13	6.14	110	1.3
ZZ35498		0.005	1.23	52.2	752	0.28	95.7	4400	3.5
ZZ35499		0.007	1.90	34.4	1000	0.24	36.6	873	2.0
ZZ35500		0.018	0.51	1.83	85	0.16	15.40	196	1.2

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CERTIFICATE OF ANALYSIS WH13131716

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

CERTIFICATE WH13125274

Project: NADALEEN
P.O. No.: SO13-10
This report is for 214 Soil samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD025001		0.44	0.003	0.11	1.75	23.2	<0.2	<10	170	0.68	0.30	0.34	0.92	25.4	8.7	26
DD025002		0.21	0.002	0.03	0.94	10.2	<0.2	<10	150	0.24	0.30	0.29	0.17	22.3	3.5	13
DD025003		0.22	0.002	0.04	1.70	206	<0.2	<10	260	0.64	0.28	0.24	0.61	23.5	14.5	27
DD025004		0.09	0.004	0.17	1.01	29.8	<0.2	<10	700	0.67	0.21	2.17	0.59	12.40	10.0	16
DD025005		0.11	0.004	0.19	1.11	215	<0.2	<10	410	0.79	0.25	1.34	0.53	11.30	11.1	19
DD025006		0.15	0.003	0.07	0.98	159.0	<0.2	<10	450	0.54	0.24	1.75	0.63	5.32	9.0	16
DD025007		0.28	0.003	0.09	1.19	31.1	<0.2	<10	170	1.19	0.31	0.21	0.77	16.70	22.3	19
DD025008		0.18	0.004	0.14	0.93	32.5	<0.2	<10	390	0.94	0.22	1.88	0.54	13.80	13.0	15
DD025009		0.21	0.003	0.19	1.14	79.1	<0.2	<10	590	0.80	0.21	1.93	0.60	12.50	11.4	19
DD025010		0.12	0.004	0.33	1.10	98.0	<0.2	<10	620	0.91	0.22	2.92	1.04	12.90	9.7	20
DD025011		0.11	0.004	0.36	1.05	69.6	<0.2	<10	360	0.90	0.24	1.85	1.25	15.30	8.9	20
DD025012		0.21	0.004	0.77	0.60	93.3	<0.2	10	340	0.81	0.20	0.86	1.06	11.70	7.5	17
DD025013		0.07	0.005	0.40	0.49	21.0	<0.2	10	480	0.37	0.07	4.59	0.51	5.68	3.2	7
DD025014		0.18	0.004	0.60	1.79	119.0	<0.2	<10	870	1.16	0.22	1.97	0.80	21.6	11.6	26
DD025015		0.34	0.005	0.40	1.38	38.9	<0.2	<10	400	0.79	0.25	0.99	0.65	23.1	11.9	25
DD025016		0.17	0.004	0.33	1.08	32.4	<0.2	10	440	0.75	0.20	2.74	0.77	19.30	9.6	20
DD025017		0.34	0.004	0.32	1.54	44.0	<0.2	<10	270	0.82	0.26	0.99	0.72	27.4	15.9	27
DD025018		0.16	0.003	0.28	1.46	33.7	<0.2	<10	430	0.77	0.23	1.95	0.75	20.9	13.2	25
DD025019		0.17	0.006	0.27	1.57	21.1	<0.2	10	480	0.77	0.23	1.49	0.43	22.7	12.3	25
DD025020		0.06	0.010	0.22	1.52	16.8	<0.2	10	620	0.81	0.22	1.93	0.58	19.20	14.9	23
DD025021		0.29	0.005	0.25	1.62	19.6	<0.2	<10	340	0.83	0.24	0.82	0.40	28.6	13.5	27
DD025022		0.43	0.004	0.21	1.72	21.4	<0.2	<10	340	0.83	0.26	0.96	0.47	28.7	16.4	28
DD025023		0.05	0.008	0.16	1.25	19.3	<0.2	10	280	0.66	0.20	1.79	0.45	18.80	12.7	20
DD025024		0.18	0.005	0.24	1.77	21.9	<0.2	10	420	0.92	0.23	1.34	0.52	24.9	17.3	27
DD025025		0.27	0.004	0.22	1.88	22.2	<0.2	<10	480	0.93	0.22	1.45	0.61	24.6	17.6	29
DD025026		0.12	0.005	0.35	1.44	81.7	<0.2	<10	390	0.80	0.21	1.69	1.46	21.6	14.1	24
DD025027		0.20	0.008	0.45	1.19	226	<0.2	10	530	0.74	0.14	2.89	1.25	14.30	9.0	23
DD025028		0.11	0.003	0.28	1.19	41.3	<0.2	<10	480	0.78	0.19	2.05	0.57	15.30	9.3	20
DD025029		0.05	0.006	0.22	1.15	32.7	<0.2	<10	480	0.74	0.19	2.35	0.70	13.10	8.2	18
DD025030		0.06	0.006	0.23	1.23	38.5	<0.2	<10	470	0.57	0.19	1.92	0.48	14.75	10.8	19
DD025031		0.40	0.004	0.22	1.43	55.6	<0.2	<10	280	0.79	0.28	0.49	0.49	16.90	13.6	25
DD025032		0.09	0.004	0.22	1.28	37.0	<0.2	<10	500	0.68	0.21	1.79	0.48	13.40	9.0	21
DD025033		0.21	0.003	0.23	1.30	25.6	<0.2	<10	510	0.78	0.22	1.47	0.39	11.50	8.5	20
DD025034		0.17	0.004	0.29	1.26	162.5	<0.2	<10	420	0.70	0.22	1.27	0.70	13.70	8.6	21
DD025035		0.09	0.007	0.19	1.09	76.0	<0.2	<10	360	0.49	0.22	1.19	0.34	13.05	7.3	19
DD025036		0.26	0.003	0.06	0.94	187.5	<0.2	<10	250	0.34	0.25	0.50	0.51	18.45	7.2	19
DD025037		0.24	0.007	0.75	1.49	34.5	<0.2	<10	480	1.14	0.25	0.91	1.20	12.50	11.4	23
DD025038		0.17	0.001	0.06	1.50	333	<0.2	<10	90	0.27	0.25	0.02	0.14	26.8	6.7	24
DD025039		0.39	0.003	0.06	2.32	251	<0.2	<10	210	1.12	0.25	0.09	0.48	32.5	19.3	36
DD025040		0.19	0.003	0.32	1.78	22.2	<0.2	<10	260	0.70	0.29	0.96	0.53	36.8	11.4	33

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD025001		1.58	14.2	2.83	6.41	0.05	0.02	0.15	0.031	0.05	13.2	19.7	0.23	269	2.23	0.01
DD025002		1.15	7.0	1.43	6.31	<0.05	<0.02	0.02	0.017	0.05	11.7	7.5	0.16	99	1.25	0.01
DD025003		1.75	25.3	3.73	6.17	<0.05	0.02	0.07	0.034	0.07	11.1	26.1	0.44	473	1.65	0.01
DD025004		0.67	23.8	2.21	3.04	<0.05	0.03	0.20	0.027	0.06	5.3	12.6	0.26	717	0.97	0.01
DD025005		1.04	29.3	2.98	3.56	<0.05	0.04	0.29	0.032	0.07	4.9	18.0	0.33	366	1.51	0.01
DD025006		0.79	22.3	2.73	3.60	<0.05	0.03	0.08	0.030	0.06	2.6	14.7	0.26	232	1.43	0.01
DD025007		2.69	42.7	4.14	3.22	<0.05	0.03	0.05	0.048	0.08	5.4	23.5	0.27	466	2.36	0.01
DD025008		1.43	24.1	2.97	2.61	0.05	0.02	0.15	0.030	0.07	5.8	16.2	0.20	359	1.37	0.01
DD025009		1.62	24.0	2.47	3.61	<0.05	0.05	0.28	0.030	0.06	7.3	14.1	0.22	372	0.97	0.01
DD025010		2.03	31.9	2.19	3.15	<0.05	0.05	0.48	0.032	0.08	11.8	12.6	0.22	399	0.76	0.01
DD025011		1.37	31.8	2.04	3.36	<0.05	0.04	0.52	0.032	0.08	10.7	14.5	0.26	257	0.55	0.01
DD025012		11.05	39.3	2.13	1.96	0.05	0.05	0.78	0.035	0.10	12.2	7.2	0.16	96	8.29	0.01
DD025013		1.37	14.2	0.71	1.32	<0.05	0.04	0.20	0.010	0.02	5.2	2.5	0.10	238	0.70	0.01
DD025014		2.50	45.1	2.76	4.80	0.06	0.07	0.48	0.033	0.08	17.3	15.9	0.35	1420	1.24	0.01
DD025015		0.86	49.7	3.14	4.41	0.05	0.04	1.31	0.032	0.07	12.7	24.7	0.57	399	1.37	0.01
DD025016		0.61	37.1	2.51	3.28	0.05	0.06	0.26	0.026	0.05	12.4	16.8	0.49	656	0.94	0.01
DD025017		1.46	52.5	3.57	5.07	0.07	0.07	0.22	0.031	0.09	14.9	25.3	0.81	475	1.26	0.01
DD025018		1.12	40.6	2.98	4.71	0.05	0.05	0.22	0.028	0.08	12.3	22.1	0.60	540	0.92	0.01
DD025019		1.34	50.3	3.14	5.00	<0.05	0.06	0.20	0.033	0.09	11.2	25.8	0.67	250	0.91	0.01
DD025020		1.07	54.9	3.26	4.60	0.05	0.07	0.18	0.027	0.10	8.5	24.2	0.67	1020	0.91	0.01
DD025021		0.97	49.2	3.36	5.23	0.05	0.07	0.21	0.035	0.09	14.5	29.6	0.72	430	1.02	0.01
DD025022		1.14	60.7	3.56	5.52	0.06	0.07	0.17	0.031	0.10	14.3	34.9	0.78	478	0.95	0.01
DD025023		0.84	43.5	2.72	4.05	<0.05	0.06	0.18	0.023	0.08	8.0	23.5	0.57	562	0.72	0.01
DD025024		1.40	86.1	3.82	5.72	0.05	0.10	0.17	0.032	0.12	11.9	34.6	0.84	649	0.94	0.01
DD025025		1.36	94.4	3.88	5.90	0.05	0.10	0.22	0.036	0.12	11.7	35.2	0.89	630	0.83	<0.01
DD025026		1.50	58.3	2.98	4.61	0.05	0.06	0.47	0.028	0.08	11.1	26.0	0.64	457	1.03	0.01
DD025027		1.81	27.3	1.88	2.71	<0.05	0.05	0.65	0.024	0.06	7.9	11.5	0.31	334	2.61	0.01
DD025028		1.15	32.4	2.49	3.49	<0.05	0.05	0.21	0.028	0.07	7.9	18.8	0.39	316	0.88	0.01
DD025029		0.88	27.6	2.37	3.36	<0.05	0.05	0.17	0.028	0.07	6.7	15.8	0.35	329	0.96	0.01
DD025030		0.82	27.6	2.55	3.91	<0.05	0.05	0.16	0.025	0.08	6.5	18.0	0.40	496	1.09	0.01
DD025031		1.66	42.3	3.91	4.10	<0.05	0.07	0.22	0.043	0.09	9.6	25.8	0.54	286	1.90	<0.01
DD025032		1.17	25.1	2.54	3.47	<0.05	0.05	0.17	0.033	0.07	7.6	16.4	0.34	312	1.08	<0.01
DD025033		1.24	25.4	2.57	3.54	<0.05	0.05	0.16	0.036	0.07	6.0	17.3	0.31	254	1.36	<0.01
DD025034		1.09	29.0	2.60	3.45	<0.05	0.05	0.27	0.035	0.07	7.6	15.2	0.31	318	1.38	<0.01
DD025035		1.16	20.0	2.28	3.80	<0.05	0.04	0.12	0.031	0.07	6.8	12.8	0.26	235	1.53	<0.01
DD025036		0.87	17.6	2.27	4.83	<0.05	<0.02	0.07	0.024	0.06	8.1	16.7	0.29	326	1.73	<0.01
DD025037		2.52	34.0	3.37	4.31	0.05	0.08	0.33	0.044	0.11	6.1	26.1	0.36	734	1.87	0.01
DD025038		1.54	22.8	3.84	7.73	<0.05	0.04	0.05	0.029	0.05	13.5	14.0	0.30	188	1.56	<0.01
DD025039		2.18	49.7	4.26	6.98	0.05	0.06	0.18	0.047	0.08	14.6	38.2	0.72	565	1.66	<0.01
DD025040		1.91	16.9	3.02	5.92	<0.05	0.03	0.17	0.031	0.06	20.7	15.3	0.44	567	1.44	0.01

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Finalized Date: 7-AUG-2013
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025001		0.99	23.3	510	15.1	12.4	0.001	0.02	0.74	3.0	1.0	0.7	11.8	<0.01	0.06	2.2
DD025002		1.06	8.7	190	12.2	10.9	<0.001	0.01	0.40	1.6	0.3	0.8	11.7	<0.01	0.05	1.7
DD025003		0.52	29.0	560	20.0	10.9	0.001	0.02	0.68	3.5	0.8	0.6	17.8	<0.01	0.08	1.9
DD025004		0.49	23.0	870	11.2	7.8	0.001	0.08	0.77	2.1	1.6	0.4	42.2	<0.01	0.05	0.6
DD025005		0.37	33.8	760	13.3	8.3	0.001	0.04	0.81	3.8	1.5	0.5	37.3	<0.01	0.06	1.3
DD025006		0.39	23.6	490	13.1	7.2	<0.001	0.05	0.83	2.6	1.0	0.4	33.7	<0.01	0.05	0.9
DD025007		0.21	51.2	830	24.3	10.9	0.001	0.02	0.94	4.7	1.4	0.5	18.9	<0.01	0.08	3.2
DD025008		0.30	32.0	630	14.1	8.1	<0.001	0.07	0.77	2.7	1.2	0.4	34.7	<0.01	0.04	0.8
DD025009		0.49	24.5	970	12.2	10.2	0.002	0.09	0.66	3.0	1.6	0.4	32.8	<0.01	0.06	0.9
DD025010		0.45	30.0	920	12.1	9.1	0.002	0.11	0.87	2.9	2.0	0.4	43.5	<0.01	0.10	0.7
DD025011		0.46	29.5	660	14.7	8.4	0.002	0.07	0.69	3.9	2.1	0.4	33.3	<0.01	0.08	1.6
DD025012		0.26	76.6	330	11.1	11.4	0.002	0.03	1.00	5.9	4.9	0.5	31.9	<0.01	0.09	1.6
DD025013		0.31	13.2	800	4.0	3.3	0.001	0.13	0.49	1.3	1.0	0.2	85.0	<0.01	0.02	0.2
DD025014		0.42	32.7	1140	15.9	11.2	<0.001	0.08	0.73	5.6	2.3	0.5	58.5	<0.01	0.07	0.9
DD025015		0.51	28.9	690	19.3	7.3	0.001	0.03	0.81	5.5	1.0	0.4	34.6	<0.01	0.07	1.8
DD025016		0.45	22.5	920	15.8	5.7	<0.001	0.09	0.79	3.6	1.4	0.3	62.5	<0.01	0.05	0.7
DD025017		0.49	36.0	730	15.8	7.1	0.001	0.02	0.77	6.4	0.8	0.4	33.8	<0.01	0.09	3.1
DD025018		0.42	27.8	750	14.2	7.6	0.001	0.07	0.68	4.4	1.4	0.4	43.3	<0.01	0.08	1.1
DD025019		0.35	28.3	680	15.4	8.3	0.001	0.07	0.63	5.4	1.1	0.4	55.0	<0.01	0.08	1.5
DD025020		0.27	27.7	720	15.4	7.0	0.001	0.08	0.66	5.0	0.8	0.3	71.1	<0.01	0.07	1.2
DD025021		0.51	31.1	730	13.4	7.2	<0.001	0.03	0.62	6.8	1.0	0.4	40.9	<0.01	0.06	3.0
DD025022		0.34	33.8	700	15.7	7.2	<0.001	0.03	0.61	6.9	1.5	0.3	44.1	<0.01	0.08	2.8
DD025023		0.30	25.1	650	13.0	6.1	0.001	0.06	0.58	4.2	0.8	0.4	65.7	<0.01	0.05	1.6
DD025024		0.26	36.0	680	16.3	7.3	<0.001	0.04	0.67	6.9	1.3	0.4	50.4	<0.01	0.10	2.4
DD025025		0.25	35.8	590	15.1	7.6	0.001	0.04	0.66	7.1	1.3	0.4	49.7	<0.01	0.09	2.2
DD025026		0.40	30.7	820	14.1	7.1	0.002	0.06	0.72	4.8	1.8	0.3	56.4	<0.01	0.06	1.3
DD025027		0.37	41.3	920	9.9	6.2	0.002	0.11	0.83	2.8	1.8	0.3	86.9	<0.01	0.06	0.6
DD025028		0.36	25.5	800	13.0	7.8	0.002	0.15	0.63	3.2	1.5	0.3	55.1	<0.01	0.05	0.9
DD025029		0.36	23.5	760	11.9	8.2	0.001	0.22	0.64	2.8	1.7	0.3	63.9	<0.01	0.07	0.8
DD025030		0.36	22.9	910	13.0	6.7	0.001	0.23	0.57	2.7	1.3	0.3	58.6	<0.01	0.05	0.8
DD025031		0.21	47.1	680	16.3	9.7	<0.001	0.01	0.54	5.7	1.0	0.4	26.2	<0.01	0.06	4.2
DD025032		0.45	26.7	900	11.9	12.2	0.001	0.08	0.52	3.1	1.2	0.4	47.2	<0.01	0.05	0.9
DD025033		0.43	28.8	820	11.8	11.9	0.001	0.07	0.55	3.4	1.3	0.4	38.7	<0.01	0.05	1.2
DD025034		0.46	30.3	960	12.0	12.7	0.001	0.07	0.56	3.1	1.7	0.4	40.0	<0.01	0.05	1.1
DD025035		0.69	22.3	870	11.4	10.7	<0.001	0.06	0.56	2.6	1.0	0.5	44.5	<0.01	0.04	1.2
DD025036		0.86	20.4	390	12.8	8.3	<0.001	0.02	0.80	2.2	0.9	0.6	33.0	<0.01	0.04	1.7
DD025037		0.35	42.8	1050	15.1	18.6	0.003	0.08	0.96	4.9	3.8	0.5	57.3	<0.01	0.07	1.5
DD025038		0.59	16.9	360	20.4	9.0	<0.001	0.04	0.62	3.2	0.5	0.6	20.0	<0.01	0.10	2.5
DD025039		0.32	41.0	570	24.6	12.6	<0.001	0.07	0.75	5.4	1.1	0.6	26.0	<0.01	0.10	3.4
DD025040		0.91	27.6	970	16.2	11.4	<0.001	0.19	0.75	3.1	1.2	0.6	24.3	<0.01	0.05	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD025001		0.012	0.21	0.83	60	0.22	12.70	96	0.6
DD025002		0.024	0.15	0.42	51	0.26	2.60	45	<0.5
DD025003		0.008	0.35	0.67	61	0.21	5.70	158	0.7
DD025004		0.006	0.14	1.97	31	0.12	7.14	116	0.9
DD025005		<0.005	0.21	2.78	32	0.10	8.82	133	1.0
DD025006		<0.005	0.15	1.48	31	0.12	3.36	127	0.9
DD025007		<0.005	0.26	0.71	32	<0.05	10.65	163	1.1
DD025008		<0.005	0.15	0.86	25	0.05	11.90	107	0.7
DD025009		<0.005	0.26	1.40	36	0.17	15.10	110	1.3
DD025010		<0.005	0.40	1.12	34	0.33	25.4	134	1.7
DD025011		<0.005	0.42	1.37	40	0.21	19.70	127	1.6
DD025012		<0.005	1.38	1.30	23	0.27	21.2	279	1.6
DD025013		0.008	0.26	1.26	12	0.06	15.50	28	1.3
DD025014		0.005	0.81	4.29	56	0.15	48.8	114	1.7
DD025015		0.010	0.20	0.82	51	0.12	15.00	123	1.4
DD025016		0.008	0.15	1.66	38	0.07	19.65	106	1.7
DD025017		0.013	0.20	0.59	50	0.15	18.05	124	2.3
DD025018		0.007	0.19	1.24	45	0.08	16.50	121	1.5
DD025019		0.006	0.14	1.26	46	0.05	13.00	109	1.9
DD025020		<0.005	0.12	1.11	42	<0.05	12.10	98	2.1
DD025021		0.011	0.12	0.90	45	0.09	13.90	103	2.3
DD025022		0.006	0.12	1.05	46	0.06	14.05	103	2.5
DD025023		0.006	0.09	1.11	34	0.07	8.74	90	2.3
DD025024		0.005	0.15	0.74	47	0.05	12.55	101	3.2
DD025025		0.005	0.14	0.97	50	0.05	13.15	99	3.0
DD025026		0.008	0.43	1.64	43	0.12	15.90	128	1.6
DD025027		0.006	1.09	1.93	36	0.19	19.40	200	1.6
DD025028		0.005	0.18	1.10	34	0.12	13.50	112	1.5
DD025029		<0.005	0.15	1.41	31	0.12	10.25	118	1.4
DD025030		0.005	0.12	0.87	36	0.12	7.76	111	1.5
DD025031		<0.005	0.19	0.80	37	0.06	13.20	148	2.6
DD025032		0.005	0.17	1.47	33	0.14	11.50	117	1.3
DD025033		<0.005	0.18	1.42	34	0.11	10.60	105	1.3
DD025034		0.005	0.22	2.34	36	0.16	12.15	128	1.3
DD025035		0.008	0.18	0.87	39	0.15	6.17	94	1.0
DD025036		0.022	0.16	0.54	45	0.22	3.10	119	<0.5
DD025037		<0.005	0.28	1.55	45	0.08	15.65	205	2.0
DD025038		0.008	0.26	0.49	73	0.15	2.60	69	1.4
DD025039		<0.005	0.30	0.69	66	0.08	7.04	114	2.0
DD025040		0.026	0.21	1.88	57	0.30	20.2	103	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD025041		0.22	0.002	0.04	0.99	23.6	<0.2	<10	90	0.41	0.31	0.07	0.13	14.05	8.5	16
DD025042		0.26	0.002	0.03	1.66	21.5	<0.2	<10	110	0.83	0.31	0.02	0.28	6.95	12.3	23
DD025043		0.32	0.001	0.03	1.38	15.2	<0.2	<10	70	0.70	0.29	0.01	0.15	5.62	9.8	23
DD025044		0.15	0.007	0.30	1.05	9.1	<0.2	<10	600	0.63	0.18	2.03	0.78	7.41	7.2	17
DD025045		0.29	0.005	0.40	1.95	11.3	<0.2	<10	420	1.03	0.32	0.60	0.19	8.39	9.0	29
DD025046		0.23	0.004	0.38	1.36	11.7	<0.2	<10	330	0.88	0.30	0.06	0.30	19.30	7.2	19
DD025047		0.29	0.004	0.25	0.74	17.1	<0.2	<10	310	1.03	0.29	0.15	0.85	14.95	14.8	15
DD025048		0.16	0.009	0.51	1.22	16.8	<0.2	<10	460	0.81	0.26	0.97	0.87	9.10	9.4	18
DD025049		0.13	0.008	0.66	1.48	9.5	<0.2	<10	420	1.19	0.25	0.39	0.40	13.90	10.1	21
DD025050		0.17	0.008	0.39	1.85	12.0	<0.2	<10	410	1.10	0.28	0.72	0.54	7.48	9.5	26
DD025051		0.31	0.002	0.07	1.41	13.2	<0.2	<10	140	0.76	0.28	0.17	0.18	11.65	13.1	24
DD025052		0.18	0.002	0.20	1.53	12.1	<0.2	<10	220	0.91	0.26	0.21	0.24	11.45	15.5	24
DD025053		0.22	0.001	0.04	1.05	18.7	<0.2	<10	80	0.54	0.33	0.02	0.13	6.71	10.8	17
DD025054		0.26	0.003	0.47	1.76	24.9	<0.2	<10	660	1.10	0.27	1.19	0.51	16.50	14.7	24
DD025055		0.17	0.004	0.27	1.06	28.4	<0.2	<10	420	0.54	0.14	3.84	1.39	13.15	6.1	20
DD025056		0.26	0.002	0.12	2.15	119.0	<0.2	<10	140	0.62	0.28	0.04	0.29	24.4	12.1	35
DD025057		0.27	0.003	0.08	1.78	112.0	<0.2	<10	120	0.60	0.27	0.08	0.25	33.8	8.0	25
DD025058		0.33	0.003	0.11	1.25	14.4	<0.2	<10	310	0.84	0.22	0.48	0.29	16.60	10.0	21
DD025059		0.27	0.002	0.09	1.43	20.2	<0.2	<10	220	1.00	0.23	0.61	0.13	11.45	11.8	23
DD025060		0.29	0.003	0.23	1.36	39.5	<0.2	<10	500	0.99	0.23	1.43	0.56	17.60	11.5	24
DD025061		0.15	0.003	0.27	1.51	46.8	<0.2	<10	650	0.54	0.21	0.98	0.37	23.1	7.8	21
DD025062		0.22	0.002	0.20	1.88	378	<0.2	<10	100	0.45	0.28	0.02	0.29	18.15	9.9	30
DD025063		0.23	0.002	0.04	1.80	169.0	<0.2	<10	260	0.54	0.28	0.16	0.44	20.9	11.7	27
DD025064		0.37	0.003	0.10	2.16	89.8	<0.2	<10	250	0.93	0.27	0.28	0.54	33.3	22.1	33
DD025065		0.40	0.004	0.18	2.12	133.5	<0.2	<10	250	1.15	0.26	0.13	0.50	41.9	21.3	33
DD025066		0.42	0.004	0.23	1.81	28.6	<0.2	<10	350	0.95	0.25	0.46	0.48	35.6	15.6	30
DD025067		0.10	0.007	0.34	1.03	14.7	<0.2	10	1050	0.59	0.12	3.49	0.91	9.61	7.6	15
DD025068		0.35	0.005	0.48	1.77	30.6	<0.2	<10	410	0.96	0.25	0.46	0.45	30.7	18.5	31
DD025069		0.18	0.005	0.40	1.84	27.8	<0.2	10	600	0.98	0.25	1.39	0.61	23.5	18.3	31
DD025070		0.13	0.003	0.37	1.53	25.1	<0.2	10	600	0.81	0.20	2.28	0.45	16.50	13.1	25
DD025071		0.12	0.005	0.37	1.56	19.6	<0.2	10	450	0.81	0.22	1.53	0.57	20.6	15.8	27
DD025072		0.26	0.004	0.37	1.63	19.5	<0.2	<10	410	0.86	0.23	1.05	0.51	24.3	16.4	29
DD025073		0.32	0.004	0.29	1.69	15.9	<0.2	<10	430	0.83	0.22	1.16	0.39	24.1	16.0	28
DD025074		0.14	NSS	0.28	1.54	14.7	<0.2	<10	420	0.76	0.19	1.30	0.36	20.6	14.6	26
DD025075		0.15	0.003	0.30	1.61	15.4	<0.2	10	510	0.81	0.21	1.65	0.55	20.4	15.9	26
CC135551		0.46	0.004	0.97	1.80	36.0	<0.2	<10	1410	0.93	0.26	0.13	2.54	25.5	12.7	40
CC135552		0.46	0.004	1.15	0.37	5.4	<0.2	<10	620	0.36	0.16	0.19	1.10	8.35	2.6	8
CC135553		0.41	0.004	0.42	0.37	11.1	<0.2	<10	660	0.63	0.27	0.22	1.23	7.56	6.8	9
CC135554		0.36	0.016	0.39	0.57	8.0	<0.2	<10	360	0.80	0.18	0.35	0.30	20.4	11.9	13
CC135555		0.42	0.011	0.54	0.32	10.5	<0.2	<10	250	0.58	0.18	1.06	1.96	14.00	18.3	23

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD025041		1.42	24.2	3.45	4.75	<0.05	<0.02	0.06	0.027	0.05	5.9	9.4	0.17	188	1.67	<0.01
DD025042		1.21	29.4	4.45	5.35	<0.05	0.03	0.02	0.040	0.06	3.2	29.0	0.33	202	1.61	<0.01
DD025043		1.03	32.1	4.07	4.85	<0.05	0.03	0.01	0.037	0.07	2.6	23.3	0.38	158	1.98	<0.01
DD025044		0.49	19.8	2.21	3.12	<0.05	0.07	0.15	0.025	0.07	3.3	14.1	0.29	389	0.87	0.01
DD025045		2.90	28.0	3.80	6.04	0.05	0.07	0.21	0.044	0.13	3.7	43.3	0.51	269	1.40	0.01
DD025046		2.65	31.8	2.36	5.24	<0.05	0.02	0.08	0.040	0.09	7.7	17.8	0.14	227	3.07	<0.01
DD025047		1.04	57.0	3.26	2.64	0.05	0.04	0.10	0.039	0.07	5.6	11.6	0.22	449	3.46	<0.01
DD025048		1.20	39.4	2.70	3.84	<0.05	0.08	0.18	0.039	0.10	4.1	15.9	0.30	413	2.41	0.01
DD025049		2.06	34.9	2.80	4.14	<0.05	0.04	0.17	0.038	0.11	5.5	26.0	0.31	465	1.65	0.01
DD025050		1.49	32.9	3.43	5.37	<0.05	0.09	0.16	0.046	0.11	3.4	37.9	0.44	305	1.34	0.01
DD025051		1.11	26.3	3.44	4.91	<0.05	0.02	0.03	0.031	0.07	4.4	32.9	0.48	331	1.56	<0.01
DD025052		1.18	26.4	3.33	4.93	<0.05	0.02	0.06	0.035	0.09	4.1	27.8	0.41	411	1.61	0.01
DD025053		1.22	30.1	4.59	3.83	<0.05	0.02	0.02	0.038	0.06	3.0	11.7	0.18	218	1.62	<0.01
DD025054		2.34	34.0	3.49	5.11	0.05	0.06	0.21	0.042	0.08	8.5	24.9	0.30	1140	1.66	0.01
DD025055		0.95	23.7	1.67	3.11	<0.05	0.04	0.41	0.019	0.04	9.2	9.1	0.27	355	0.73	0.01
DD025056		2.33	36.4	4.94	7.79	<0.05	0.08	0.10	0.041	0.08	11.3	29.7	0.58	338	1.66	<0.01
DD025057		1.58	19.9	2.66	7.11	0.05	0.04	0.09	0.029	0.05	16.3	17.7	0.28	296	1.69	<0.01
DD025058		0.76	31.0	3.04	4.11	0.05	0.05	0.08	0.037	0.07	7.0	22.9	0.43	283	1.41	0.01
DD025059		0.81	28.5	3.78	4.52	<0.05	0.04	0.07	0.041	0.07	4.2	34.6	0.40	251	1.16	0.01
DD025060		0.90	37.2	3.20	3.88	0.05	0.06	0.21	0.034	0.08	10.5	25.3	0.44	386	1.05	0.01
DD025061		1.70	23.7	2.51	5.85	<0.05	0.03	0.15	0.030	0.06	10.4	17.8	0.24	391	1.00	0.01
DD025062		1.85	33.3	4.77	5.91	<0.05	0.07	1.06	0.038	0.05	9.0	29.9	0.41	240	1.62	<0.01
DD025063		1.50	20.6	4.07	6.63	<0.05	0.03	0.06	0.038	0.06	10.4	33.5	0.43	327	1.88	<0.01
DD025064		1.37	59.0	4.37	5.71	0.05	0.06	0.12	0.041	0.08	13.7	35.1	0.77	754	1.41	<0.01
DD025065		2.21	58.1	4.18	5.48	0.07	0.06	0.11	0.036	0.08	19.1	29.3	0.68	663	1.53	<0.01
DD025066		1.37	49.8	3.91	5.20	0.06	0.05	0.10	0.034	0.08	17.1	28.6	0.72	489	1.40	<0.01
DD025067		0.77	43.9	1.88	2.61	<0.05	0.04	0.14	0.018	0.06	4.5	9.1	0.33	1240	0.93	0.01
DD025068		1.28	84.2	4.35	5.25	0.07	0.09	0.18	0.035	0.09	14.7	29.1	0.88	443	1.95	<0.01
DD025069		1.46	79.4	4.06	5.29	0.05	0.07	0.26	0.038	0.11	11.1	27.9	0.81	713	1.39	0.01
DD025070		1.12	61.5	3.38	4.33	<0.05	0.07	0.19	0.033	0.09	8.2	22.6	0.75	482	1.35	0.01
DD025071		1.29	67.8	3.46	4.50	0.05	0.09	0.19	0.033	0.11	10.0	25.5	0.72	462	1.25	0.01
DD025072		1.08	69.6	3.60	4.71	0.05	0.08	0.17	0.035	0.10	11.5	27.3	0.76	629	1.28	0.01
DD025073		1.16	62.8	3.49	4.95	0.05	0.08	0.16	0.032	0.10	11.6	29.9	0.78	537	1.05	0.01
DD025074		1.00	59.6	3.15	4.47	0.05	0.07	0.15	0.030	0.08	9.8	26.8	0.73	511	0.95	0.01
DD025075		1.01	60.2	3.25	4.56	0.05	0.08	0.17	0.035	0.09	9.5	25.3	0.72	854	0.99	0.01
CC135551		1.80	42.9	3.71	4.97	0.06	0.05	0.09	0.049	0.08	13.6	20.2	0.33	319	13.35	<0.01
CC135552		1.33	23.7	0.87	1.21	<0.05	<0.02	0.11	0.016	0.05	4.1	3.2	0.07	94	3.58	<0.01
CC135553		1.38	38.6	2.20	1.35	<0.05	<0.02	0.09	0.040	0.07	3.4	2.5	0.04	138	5.78	0.01
CC135554		0.57	83.4	2.98	1.63	0.05	0.05	0.15	0.040	0.06	10.4	4.5	0.07	675	2.86	<0.01
CC135555		0.57	86.4	3.67	1.07	0.06	0.04	0.26	0.045	0.05	8.2	2.8	0.08	492	6.91	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025041		0.58	25.3	370	19.7	10.4	<0.001	0.01	0.56	2.6	1.0	0.6	10.2	<0.01	0.08	1.9
DD025042		0.25	39.0	340	22.5	12.7	<0.001	0.02	0.52	3.5	0.8	0.5	10.0	<0.01	0.07	2.1
DD025043		0.22	32.9	540	21.4	10.0	<0.001	0.04	0.59	3.5	0.8	0.5	11.8	<0.01	0.05	2.6
DD025044		0.28	24.0	1140	12.3	7.9	0.002	0.14	0.53	2.4	3.8	0.3	108.0	<0.01	0.02	0.8
DD025045		0.24	36.3	790	21.8	15.6	0.001	0.12	0.58	7.4	1.7	0.6	43.3	<0.01	0.06	2.2
DD025046		0.44	22.9	690	16.7	16.5	<0.001	0.03	1.10	3.3	1.6	0.7	10.4	<0.01	0.07	1.6
DD025047		0.17	40.3	860	21.7	5.5	0.002	0.02	1.63	5.2	1.9	0.4	29.4	<0.01	0.07	3.8
DD025048		0.29	33.4	850	13.8	10.2	0.004	0.09	1.11	4.4	3.4	0.5	69.9	<0.01	0.06	1.6
DD025049		0.28	36.8	900	14.4	14.4	0.001	0.07	0.78	6.1	1.9	0.6	26.8	<0.01	0.05	2.1
DD025050		0.25	39.7	820	15.5	12.9	0.002	0.09	0.61	5.8	1.8	0.6	49.0	<0.01	0.07	1.8
DD025051		0.27	36.7	730	17.0	8.3	<0.001	0.03	0.65	3.6	1.0	0.4	16.8	<0.01	0.04	2.6
DD025052		0.22	33.9	800	15.2	10.9	<0.001	0.03	0.50	4.4	1.4	0.5	17.9	<0.01	0.05	2.6
DD025053		0.34	33.8	550	24.3	12.0	<0.001	0.02	0.52	3.2	1.0	0.5	9.6	<0.01	0.05	1.6
DD025054		0.40	33.8	1260	18.5	18.3	0.001	0.09	0.53	4.3	2.2	0.5	45.4	<0.01	0.07	1.4
DD025055		0.56	14.3	1360	9.3	6.0	0.001	0.19	0.67	1.4	2.9	0.3	56.9	<0.01	0.05	0.3
DD025056		0.60	29.9	370	23.9	13.7	<0.001	0.03	0.65	4.5	0.9	0.6	12.1	<0.01	0.08	2.8
DD025057		1.23	19.9	480	16.5	9.4	<0.001	0.03	0.65	3.0	1.0	0.8	12.6	0.01	0.05	3.7
DD025058		0.27	31.6	800	12.1	6.8	0.001	0.03	0.56	5.0	1.1	0.4	28.0	<0.01	0.04	2.6
DD025059		0.24	35.2	730	16.0	9.0	<0.001	0.04	0.36	4.9	1.7	0.5	31.9	<0.01	0.05	2.7
DD025060		0.33	31.3	880	16.0	7.9	0.001	0.07	0.57	4.4	1.9	0.4	43.3	<0.01	0.04	1.5
DD025061		0.49	15.2	630	13.1	10.3	<0.001	0.04	0.39	3.5	0.6	0.6	44.0	<0.01	0.05	1.4
DD025062		0.56	26.2	420	22.8	10.8	<0.001	0.02	0.73	4.0	1.2	0.5	19.8	<0.01	0.09	2.6
DD025063		0.89	25.7	300	19.9	16.7	0.001	0.02	0.65	3.3	0.8	0.6	16.6	<0.01	0.06	2.6
DD025064		0.39	37.7	560	22.6	9.2	0.001	0.02	0.65	5.2	0.9	0.4	21.7	<0.01	0.10	3.5
DD025065		0.30	42.9	550	22.2	11.7	<0.001	0.01	0.74	5.9	1.4	0.4	17.8	<0.01	0.11	4.2
DD025066		0.47	34.5	780	19.5	8.5	0.001	0.02	0.71	5.0	1.2	0.4	27.2	<0.01	0.07	3.0
DD025067		0.25	20.5	1010	8.0	5.7	<0.001	0.15	0.74	1.5	2.8	0.3	101.0	<0.01	0.06	0.3
DD025068		0.17	43.5	350	19.5	7.3	0.001	0.02	0.86	8.0	1.7	0.3	25.6	<0.01	0.10	4.0
DD025069		0.27	38.1	620	18.1	9.1	0.001	0.06	0.78	6.9	1.7	0.4	51.3	<0.01	0.09	1.9
DD025070		0.23	30.2	710	15.0	7.4	0.002	0.09	0.77	4.6	1.3	0.3	80.9	<0.01	0.07	1.0
DD025071		0.28	33.9	690	15.5	8.5	0.002	0.07	0.75	6.0	1.3	0.4	57.6	<0.01	0.10	1.9
DD025072		0.24	35.9	650	16.0	7.2	0.001	0.05	0.68	6.7	1.5	0.4	44.3	<0.01	0.08	2.3
DD025073		0.25	33.3	660	17.7	8.4	0.001	0.05	0.59	6.5	1.0	0.3	48.8	<0.01	0.08	2.2
DD025074		0.21	29.9	570	14.5	7.1	0.001	0.06	0.67	5.2	1.0	0.3	52.6	<0.01	0.07	1.7
DD025075		0.21	31.4	680	15.9	7.7	0.001	0.08	0.63	5.4	1.1	0.3	58.5	<0.01	0.09	1.6
CC135551		0.63	67.7	1130	15.8	13.0	0.002	0.10	2.39	4.5	4.8	0.6	65.0	<0.01	0.12	2.3
CC135552		0.12	15.8	330	10.7	5.4	0.005	0.04	3.03	1.5	1.5	0.3	34.8	<0.01	0.10	0.7
CC135553		0.07	35.9	620	18.3	6.9	0.003	0.12	2.36	3.5	2.4	0.4	58.6	<0.01	0.06	1.1
CC135554		0.12	28.2	1260	12.2	6.1	0.001	0.03	1.25	6.4	1.4	0.3	40.0	<0.01	0.08	1.9
CC135555		<0.05	99.5	1770	13.8	2.6	0.007	0.08	2.33	7.8	2.3	0.3	109.5	<0.01	0.09	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD025041		0.007	0.15	0.40	43	0.12	3.08	87	<0.5
DD025042		<0.005	0.17	0.42	39	<0.05	3.48	115	1.1
DD025043		<0.005	0.14	0.38	31	<0.05	2.69	107	1.1
DD025044		<0.005	0.10	1.56	27	<0.05	6.26	102	1.5
DD025045		<0.005	0.23	1.02	40	<0.05	10.70	114	1.8
DD025046		<0.005	0.31	0.88	59	0.12	8.11	118	0.5
DD025047		<0.005	0.26	0.91	35	<0.05	11.85	173	2.3
DD025048		<0.005	0.23	1.63	40	0.06	6.69	153	2.4
DD025049		<0.005	0.24	1.04	37	0.05	13.65	118	1.0
DD025050		<0.005	0.22	0.77	37	<0.05	8.27	139	2.4
DD025051		<0.005	0.12	0.43	34	0.05	5.99	114	0.8
DD025052		<0.005	0.16	0.62	33	<0.05	7.05	103	0.7
DD025053		<0.005	0.15	0.39	33	0.05	2.61	113	0.6
DD025054		<0.005	0.22	1.91	42	0.07	17.45	113	1.5
DD025055		0.010	0.12	1.92	29	0.21	17.80	58	1.1
DD025056		0.005	0.28	0.43	81	0.11	3.38	101	2.9
DD025057		0.025	0.27	0.76	57	0.25	4.34	52	1.3
DD025058		<0.005	0.10	0.87	32	0.05	11.80	110	1.4
DD025059		<0.005	0.11	0.84	31	0.06	8.17	112	1.2
DD025060		<0.005	0.12	1.41	37	0.06	16.25	109	1.5
DD025061		0.007	0.19	1.04	55	0.11	5.42	75	0.8
DD025062		<0.005	0.28	0.42	63	0.11	3.56	83	2.2
DD025063		0.008	0.22	0.43	66	0.18	3.07	133	1.1
DD025064		0.006	0.18	0.65	57	0.08	7.74	105	1.9
DD025065		0.005	0.24	0.76	61	0.31	13.00	114	2.1
DD025066		0.011	0.12	0.96	56	0.11	11.60	109	1.2
DD025067		0.005	0.10	2.19	30	0.05	6.95	62	1.1
DD025068		0.005	0.16	0.73	59	0.05	14.20	129	3.6
DD025069		0.005	0.17	1.29	58	0.06	14.05	119	2.2
DD025070		<0.005	0.14	1.06	48	0.05	11.45	101	2.2
DD025071		0.006	0.13	1.26	48	0.13	11.60	131	2.5
DD025072		0.005	0.12	1.26	51	0.05	13.10	116	2.5
DD025073		<0.005	0.11	0.95	49	0.05	11.90	108	2.5
DD025074		<0.005	0.10	0.84	44	0.06	10.90	93	2.2
DD025075		<0.005	0.10	0.88	48	<0.05	11.35	108	2.2
CC135551		0.011	0.83	2.98	138	0.20	17.35	248	1.5
CC135552		<0.005	0.82	1.18	46	<0.05	4.62	62	<0.5
CC135553		<0.005	0.55	0.89	53	<0.05	8.60	256	<0.5
CC135554		<0.005	0.09	1.33	43	<0.05	19.80	103	1.3
CC135555		<0.005	0.08	2.29	98	<0.05	20.4	213	2.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 7- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
CC135556		0.16	0.018	0.40	0.29	8.2	<0.2	<10	170	0.60	0.14	1.79	0.41	16.75	9.0	6
CC135557		0.28	0.010	0.67	0.32	17.3	<0.2	<10	130	0.81	0.21	1.36	0.86	16.25	15.2	7
CC135558		0.40	0.011	1.02	0.23	23.7	<0.2	<10	80	0.81	0.26	1.09	1.53	17.90	18.1	7
CC135559		0.41	0.012	1.21	0.26	19.5	<0.2	<10	90	0.68	0.21	0.76	2.23	27.0	17.0	6
CC135560		0.39	0.009	1.94	0.36	18.1	<0.2	<10	130	0.64	0.21	4.20	3.84	39.3	11.8	8
CC135561		0.30	0.006	0.79	0.81	33.9	<0.2	<10	140	0.92	0.23	0.33	0.86	44.9	16.9	16
CC135562		0.41	0.008	0.76	0.62	19.3	<0.2	<10	190	0.67	0.25	0.30	1.81	40.8	17.9	12
CC135563		0.31	0.014	0.35	0.55	9.7	<0.2	<10	250	0.65	0.16	0.41	0.80	37.3	8.8	10
CC135564		0.32	0.008	1.01	0.84	17.2	<0.2	<10	280	0.66	0.18	0.46	1.25	30.9	16.1	14
CC135565		0.38	0.005	0.31	1.21	15.3	<0.2	<10	140	0.75	0.21	0.27	0.75	36.4	12.0	19
CC135566		0.35	0.009	0.85	0.56	16.7	<0.2	<10	180	0.79	0.22	0.52	0.90	19.90	13.7	11
CC135567		0.43	0.009	0.57	0.41	19.6	<0.2	<10	100	0.81	0.25	0.35	1.69	25.1	18.7	8
CC135568		0.42	0.011	1.04	0.27	21.5	<0.2	<10	160	0.68	0.20	4.80	1.40	21.2	14.5	6
CC135569		0.34	0.028	0.55	0.33	11.1	<0.2	<10	150	0.71	0.25	0.87	0.50	28.7	21.5	8
CC135570		0.34	0.027	0.53	0.37	8.8	<0.2	<10	140	0.80	0.20	0.72	0.47	23.3	19.7	9
CC135571		0.38	0.023	0.46	0.47	8.6	<0.2	<10	180	0.80	0.21	0.59	0.33	17.15	15.1	13
CC135572		0.39	0.004	1.43	1.43	12.2	<0.2	<10	700	0.63	0.26	0.14	0.52	17.85	6.2	29
CC135573		0.43	0.003	0.14	2.20	18.4	<0.2	<10	720	1.25	0.27	0.07	0.79	30.4	18.7	34
CC135574		0.28	0.002	0.50	1.64	19.1	<0.2	<10	1560	0.77	0.26	0.12	1.02	18.70	9.6	36
CC135575		0.22	0.004	0.53	1.59	14.1	<0.2	<10	3330	0.75	0.26	0.33	0.67	17.65	9.5	29
CC135576		0.22	0.003	0.62	1.33	16.0	<0.2	<10	3300	0.76	0.22	1.04	2.26	17.60	11.2	27
CC135577		0.19	0.003	0.51	1.34	14.2	<0.2	<10	2870	0.68	0.21	1.40	1.58	15.45	8.2	25
CC135578		0.12	0.006	1.02	1.27	14.0	<0.2	<10	610	0.92	0.19	1.28	0.64	18.85	7.1	19
CC135579		0.30	0.005	0.39	1.51	20.1	<0.2	<10	380	0.94	0.28	0.37	0.78	18.10	26.1	26
CC135580		0.24	0.011	0.43	1.70	11.8	<0.2	<10	300	1.17	0.28	0.93	0.36	11.00	11.0	26
CC135581		0.27	0.004	0.26	1.50	13.7	<0.2	<10	290	1.07	0.24	0.61	0.49	11.40	15.4	23
CC135582		0.37	0.003	0.14	1.56	20.6	<0.2	<10	250	0.56	0.27	0.79	0.43	26.7	8.0	26
CC135583		0.30	0.005	0.29	1.13	27.4	<0.2	<10	240	0.87	0.25	1.46	0.46	13.00	11.6	21
CC135584		0.40	0.005	0.27	0.88	411	<0.2	<10	150	0.98	0.14	17.75	2.18	12.20	36.6	21
CC135585		0.21	0.003	0.21	1.10	111.0	<0.2	<10	210	0.59	0.16	3.83	1.24	13.95	7.9	25
CC135586		0.46	0.004	0.32	2.06	168.0	<0.2	<10	280	1.29	0.27	1.58	0.56	33.0	19.0	32
CC135587		0.17	0.004	0.39	1.30	184.5	<0.2	<10	290	0.75	0.17	3.14	1.54	14.60	7.9	29
CC135588		0.18	0.004	0.89	1.04	875	<0.2	<10	240	0.99	0.17	3.36	2.52	12.15	7.9	24
CC135589		0.26	0.004	0.72	1.18	265	<0.2	<10	370	0.78	0.17	3.69	2.98	16.20	8.6	25
CC135590		0.16	0.008	0.73	0.92	164.0	<0.2	<10	400	0.57	0.13	3.60	2.38	11.75	7.4	21
CC135591		0.49	0.005	0.42	1.37	61.7	<0.2	<10	440	0.88	0.24	2.63	0.93	21.2	13.3	25
CC135592		0.28	0.002	0.05	1.78	52.4	<0.2	<10	190	1.10	0.27	0.92	1.25	23.5	8.0	32
CC135593		0.19	0.014	0.38	1.18	179.5	<0.2	<10	310	0.91	0.18	3.30	1.34	15.60	7.7	24
CC135594		0.31	0.006	0.39	1.10	134.0	<0.2	<10	320	0.88	0.21	2.92	1.16	15.00	9.0	21
CC135595		0.19	0.004	0.35	0.94	18.0	<0.2	10	640	0.68	0.16	3.79	0.50	10.20	7.6	17

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
CC135556		0.32	55.0	2.35	0.72	<0.05	0.07	0.19	0.032	0.05	8.3	1.9	0.12	367	2.31	<0.01
CC135557		0.96	58.5	3.28	0.78	0.05	0.08	0.29	0.041	0.07	7.8	1.9	0.17	237	6.86	<0.01
CC135558		1.46	80.4	3.96	0.69	0.06	0.09	0.29	0.047	0.08	7.7	1.4	0.25	424	7.95	<0.01
CC135559		1.21	79.3	3.41	0.72	0.06	0.09	0.24	0.042	0.08	12.0	1.6	0.07	403	7.87	<0.01
CC135560		0.97	76.0	3.10	1.10	0.06	<0.02	0.20	0.044	0.10	19.9	2.3	0.32	424	6.66	<0.01
CC135561		1.62	60.7	4.36	2.11	0.07	0.02	0.28	0.038	0.06	21.4	6.4	0.12	596	6.45	<0.01
CC135562		2.08	68.1	3.82	1.66	0.07	0.02	0.20	0.040	0.07	19.3	5.1	0.09	439	4.38	<0.01
CC135563		1.06	69.4	3.40	1.35	0.06	0.03	0.12	0.031	0.10	24.8	5.5	0.07	1160	1.78	<0.01
CC135564		1.88	51.0	3.73	2.18	0.05	0.02	0.21	0.040	0.08	14.3	3.6	0.09	496	4.95	<0.01
CC135565		1.10	37.2	3.25	3.11	0.06	0.04	0.09	0.033	0.06	17.1	10.7	0.23	305	3.64	<0.01
CC135566		0.77	77.6	3.22	1.42	0.05	<0.02	0.18	0.042	0.07	10.0	3.8	0.08	213	6.61	<0.01
CC135567		0.96	83.0	3.66	1.08	0.06	<0.02	0.11	0.041	0.07	11.2	2.2	0.04	396	7.36	<0.01
CC135568		1.37	91.9	3.36	0.75	0.06	0.26	0.18	0.039	0.11	8.4	1.3	1.22	189	7.70	0.01
CC135569		1.08	120.0	4.13	1.03	0.07	0.05	0.20	0.047	0.10	12.7	2.2	0.15	758	2.95	0.01
CC135570		1.06	118.0	4.12	1.16	0.07	0.06	0.19	0.050	0.08	12.3	2.8	0.11	978	2.21	<0.01
CC135571		0.73	101.0	3.61	1.39	0.06	0.04	0.18	0.042	0.06	10.8	4.2	0.10	679	2.45	<0.01
CC135572		1.28	23.4	2.54	4.21	<0.05	<0.02	0.07	0.037	0.07	8.7	11.6	0.28	226	3.70	0.01
CC135573		1.64	36.8	4.40	4.73	0.05	0.08	0.05	0.049	0.06	11.5	31.4	0.54	687	4.24	0.01
CC135574		1.75	28.4	3.37	4.91	<0.05	0.03	0.06	0.041	0.07	9.4	15.5	0.32	398	4.46	<0.01
CC135575		1.70	18.6	2.94	5.00	<0.05	<0.02	0.09	0.035	0.05	9.2	11.6	0.26	1300	3.49	<0.01
CC135576		0.87	28.5	3.10	3.55	<0.05	0.05	0.16	0.032	0.07	11.3	13.8	0.35	463	4.06	<0.01
CC135577		0.77	25.7	2.77	3.63	<0.05	0.06	0.18	0.031	0.06	9.4	14.2	0.38	211	3.13	<0.01
CC135578		1.36	40.2	2.45	3.33	0.05	0.04	0.25	0.029	0.09	9.7	11.8	0.32	246	1.81	0.01
CC135579		1.72	40.8	3.53	4.53	0.05	0.05	0.18	0.043	0.11	7.7	22.6	0.43	1820	2.42	0.01
CC135580		1.64	37.6	3.36	4.52	<0.05	0.06	0.15	0.039	0.10	4.8	32.1	0.53	393	1.21	0.01
CC135581		1.93	37.7	3.70	4.20	<0.05	0.04	0.11	0.040	0.09	4.1	30.1	0.45	343	1.80	0.01
CC135582		1.30	13.6	2.90	5.32	<0.05	0.03	0.07	0.030	0.07	13.1	15.1	0.38	289	1.55	0.01
CC135583		2.25	30.2	3.42	3.10	<0.05	0.05	0.17	0.037	0.10	5.3	18.8	0.33	776	1.50	0.01
CC135584		1.38	22.8	4.44	2.38	0.06	0.08	0.73	0.021	0.13	18.5	8.0	0.22	522	3.44	0.01
CC135585		1.25	21.7	1.95	3.04	<0.05	0.04	0.22	0.021	0.05	12.5	10.0	0.26	325	0.88	0.01
CC135586		1.72	59.8	4.22	5.42	0.07	0.09	0.54	0.037	0.10	19.3	26.6	0.71	536	2.16	0.01
CC135587		1.34	23.2	2.08	3.46	0.05	0.05	0.52	0.025	0.06	18.1	10.5	0.27	392	1.10	0.01
CC135588		1.30	23.1	1.99	2.62	<0.05	0.05	1.75	0.025	0.05	13.6	6.9	0.19	311	2.01	0.01
CC135589		1.45	40.0	1.93	2.92	<0.05	0.03	0.44	0.023	0.05	12.9	7.0	0.23	415	3.28	0.01
CC135590		1.48	31.9	1.47	2.31	<0.05	0.04	0.80	0.022	0.04	9.2	7.7	0.20	412	1.17	0.01
CC135591		1.46	53.4	3.58	4.00	0.05	0.07	0.41	0.034	0.11	10.3	19.3	1.01	479	2.35	0.01
CC135592		1.24	11.7	3.25	5.22	<0.05	0.04	0.22	0.039	0.05	17.3	10.3	0.21	373	1.50	0.01
CC135593		1.14	24.1	2.14	3.04	<0.05	0.04	0.69	0.026	0.06	14.6	10.4	0.27	453	1.10	0.01
CC135594		1.32	35.0	2.60	2.96	<0.05	0.04	0.42	0.026	0.08	11.0	11.6	0.50	482	1.58	0.01
CC135595		0.59	42.6	2.25	2.38	<0.05	0.05	0.21	0.024	0.06	4.8	10.3	0.38	325	1.22	0.01

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Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
CC135556	0.08	18.2	1300	14.3	3.6	0.001	0.11	1.00	4.1	1.3	0.2	59.6	<0.01	0.05	0.9
CC135557	0.09	37.9	1100	21.6	4.2	0.003	0.08	1.93	6.1	2.3	0.2	47.0	<0.01	0.10	1.5
CC135558	0.06	51.6	1490	32.8	4.2	0.003	0.13	2.94	6.8	2.2	0.2	30.5	<0.01	0.11	2.9
CC135559	0.07	48.6	1460	29.3	4.3	0.003	0.10	3.22	6.5	3.5	0.2	27.6	<0.01	0.15	3.0
CC135560	0.08	41.0	1710	30.9	5.5	0.003	0.06	3.81	4.5	2.6	0.3	94.0	<0.01	0.10	1.5
CC135561	0.19	41.4	1810	30.8	7.5	0.002	0.04	1.97	2.5	2.5	0.3	19.0	<0.01	0.10	0.5
CC135562	0.12	38.7	1680	30.6	7.4	0.001	0.02	2.26	2.8	2.0	0.3	16.5	<0.01	0.14	0.6
CC135563	0.05	24.8	1580	15.5	9.4	0.002	0.05	1.00	4.2	1.2	0.2	19.7	<0.01	0.12	0.9
CC135564	0.14	34.4	2370	24.8	11.0	0.001	0.08	1.53	1.3	1.7	0.3	18.3	<0.01	0.07	0.2
CC135565	0.40	27.3	1660	20.7	7.9	0.001	0.04	1.46	1.8	1.7	0.4	16.3	<0.01	0.08	0.6
CC135566	0.14	37.7	1300	21.2	5.3	0.002	0.03	2.24	4.8	2.0	0.3	24.7	<0.01	0.12	1.1
CC135567	0.07	39.9	1940	27.7	5.0	0.003	0.03	3.26	3.3	2.5	0.2	18.4	<0.01	0.13	0.8
CC135568	0.05	42.1	2000	26.1	4.8	0.006	0.38	3.01	6.2	2.8	0.2	140.0	<0.01	0.08	3.8
CC135569	0.10	36.1	1980	22.0	5.1	0.001	0.09	1.82	7.3	1.9	0.2	44.1	<0.01	0.08	2.7
CC135570	0.14	34.7	1500	20.2	5.2	0.001	0.04	1.47	8.6	2.0	0.2	41.6	<0.01	0.11	2.1
CC135571	0.19	35.9	1590	16.5	4.4	<0.001	0.03	1.49	7.5	1.4	0.3	51.9	<0.01	0.10	2.2
CC135572	0.12	19.6	1960	14.2	9.2	0.001	0.09	2.09	0.4	2.7	0.6	68.0	<0.01	0.05	<0.2
CC135573	0.31	49.1	960	20.3	12.6	0.001	0.03	0.82	5.2	1.4	0.5	12.8	<0.01	0.08	2.6
CC135574	0.31	34.2	1900	15.5	13.9	0.001	0.10	1.19	2.1	2.4	0.6	51.6	<0.01	0.10	0.6
CC135575	0.21	22.5	2240	12.2	13.5	0.001	0.10	0.86	0.9	1.2	0.6	25.8	<0.01	0.06	0.2
CC135576	0.42	52.3	1740	12.5	10.2	0.001	0.09	1.25	3.5	1.8	0.4	42.4	<0.01	0.09	1.2
CC135577	0.41	36.9	1410	12.3	7.5	<0.001	0.11	1.06	3.3	1.6	0.4	33.8	<0.01	0.07	1.1
CC135578	0.28	30.7	1080	11.3	9.7	<0.001	0.11	0.84	4.5	1.9	0.4	65.6	<0.01	0.06	1.3
CC135579	0.26	38.0	920	21.9	12.7	<0.001	0.04	1.10	5.5	1.8	0.5	26.1	<0.01	0.07	2.7
CC135580	0.24	40.1	830	14.8	12.3	0.001	0.07	0.68	6.2	1.5	0.5	45.8	<0.01	0.04	2.0
CC135581	0.17	45.1	850	16.8	11.4	0.001	0.06	0.73	5.0	1.9	0.5	33.4	<0.01	0.05	2.5
CC135582	0.84	19.3	560	19.7	10.0	<0.001	0.02	0.48	2.9	0.7	0.6	20.4	<0.01	0.04	1.8
CC135583	0.24	33.2	850	17.1	11.6	0.006	0.10	0.56	4.1	1.9	0.4	47.9	<0.01	0.06	1.6
CC135584	0.18	139.5	1320	11.6	7.5	<0.001	0.10	0.87	2.7	1.4	0.3	112.0	<0.01	0.05	0.9
CC135585	0.52	27.5	1180	9.7	6.5	<0.001	0.11	0.60	1.5	1.4	0.3	38.0	<0.01	0.04	0.4
CC135586	0.18	45.0	530	44.2	9.3	<0.001	0.01	0.79	7.6	1.4	0.5	33.4	<0.01	0.07	4.7
CC135587	0.52	32.9	1010	19.7	7.3	<0.001	0.10	0.72	2.4	1.8	0.4	31.5	<0.01	0.03	0.6
CC135588	0.39	40.7	1130	36.0	5.8	0.001	0.10	1.26	1.8	2.6	0.4	36.1	<0.01	0.04	0.4
CC135589	0.50	50.0	1130	11.9	5.4	0.002	0.12	0.89	1.4	3.6	0.4	51.4	<0.01	0.03	0.2
CC135590	0.34	37.0	1090	12.7	5.8	0.002	0.12	1.06	1.5	3.4	0.3	41.0	<0.01	0.03	0.3
CC135591	0.46	39.5	820	21.5	7.5	0.001	0.03	1.30	5.3	1.7	0.4	58.2	<0.01	0.08	2.9
CC135592	0.71	20.6	300	27.1	7.9	<0.001	0.02	0.56	4.7	1.4	0.7	14.4	<0.01	0.06	2.9
CC135593	0.43	28.2	990	15.8	6.0	<0.001	0.09	0.84	2.2	1.7	0.4	35.9	<0.01	0.07	0.5
CC135594	0.46	30.7	1060	17.6	7.2	<0.001	0.08	1.06	2.9	1.4	0.4	38.3	<0.01	0.05	0.7
CC135595	0.22	22.0	900	10.6	4.5	0.001	0.12	1.07	2.1	2.6	0.3	131.5	<0.01	0.06	0.4

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Finalized Date: 7-AUG-2013
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CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
CC135556		<0.005	0.05	1.01	18	<0.05	15.00	78	2.2
CC135557		<0.005	0.13	1.05	18	<0.05	16.30	147	2.7
CC135558		<0.005	0.22	1.55	21	<0.05	16.25	187	4.8
CC135559		<0.005	0.15	2.10	21	<0.05	18.85	208	4.4
CC135560		<0.005	0.18	1.59	26	<0.05	20.6	258	<0.5
CC135561		0.006	0.24	1.17	33	0.07	17.45	148	<0.5
CC135562		0.005	0.21	1.12	27	0.05	17.25	158	<0.5
CC135563		<0.005	0.10	1.02	23	<0.05	23.9	100	0.7
CC135564		<0.005	0.22	1.21	31	0.07	13.25	138	<0.5
CC135565		0.010	0.15	1.20	41	0.15	13.10	110	0.9
CC135566		<0.005	0.12	1.52	30	<0.05	18.25	187	<0.5
CC135567		<0.005	0.10	1.50	25	<0.05	19.05	194	<0.5
CC135568		<0.005	0.14	2.10	21	<0.05	17.25	200	15.2
CC135569		<0.005	0.08	1.39	20	<0.05	19.35	147	2.4
CC135570		<0.005	0.07	1.36	23	<0.05	22.9	139	2.1
CC135571		0.006	0.08	1.09	32	0.05	21.5	123	1.3
CC135572		0.005	0.60	2.33	83	0.17	7.20	78	<0.5
CC135573		<0.005	0.19	1.70	60	0.07	11.90	152	2.0
CC135574		0.009	0.38	1.57	79	0.15	9.50	179	0.7
CC135575		0.008	0.25	2.24	69	0.16	9.70	120	<0.5
CC135576		0.009	0.23	2.30	62	0.19	20.8	270	1.5
CC135577		0.008	0.15	1.97	56	0.10	14.90	183	1.7
CC135578		<0.005	0.21	1.24	37	0.05	18.45	85	1.4
CC135579		<0.005	0.22	1.23	47	0.08	11.35	151	1.3
CC135580		<0.005	0.15	1.32	35	<0.05	13.65	107	1.6
CC135581		<0.005	0.15	0.89	35	<0.05	13.15	139	1.2
CC135582		0.021	0.14	1.36	59	0.26	8.89	74	0.6
CC135583		<0.005	0.16	1.39	33	<0.05	11.85	117	1.4
CC135584		<0.005	0.47	1.37	34	0.11	46.7	304	2.2
CC135585		0.010	0.20	3.13	33	0.12	27.8	124	1.2
CC135586		<0.005	0.29	0.95	57	0.08	24.9	158	3.1
CC135587		0.008	0.40	1.63	41	0.12	37.7	171	1.3
CC135588		0.006	0.75	1.90	36	0.32	34.8	316	1.3
CC135589		0.010	0.63	6.72	51	0.13	26.4	178	0.8
CC135590		0.007	1.06	3.95	61	0.07	22.1	176	1.1
CC135591		0.012	0.29	1.22	52	0.11	12.50	154	2.3
CC135592		0.006	0.30	0.61	65	0.16	21.4	110	1.1
CC135593		0.006	0.23	1.20	46	0.16	28.7	146	1.2
CC135594		0.007	0.39	1.42	41	0.24	20.1	172	1.2
CC135595		<0.005	0.09	1.83	32	0.05	9.53	95	1.7

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CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
CC135596		0.38	0.003	0.31	1.29	21.3	<0.2	<10	620	0.88	0.22	1.80	0.64	17.90	10.4	21
CC135597		0.47	0.003	0.06	2.24	12.4	<0.2	<10	110	0.95	0.32	0.23	0.21	48.1	24.7	30
CC135598		0.40	0.004	0.23	1.89	33.6	<0.2	<10	370	0.99	0.26	0.74	0.29	30.0	19.3	28
CC135599		0.31	0.007	0.38	1.12	109.0	<0.2	<10	360	0.75	0.19	1.93	0.85	16.50	8.5	22
CC135600		0.39	0.003	0.40	1.25	26.6	<0.2	<10	420	0.87	0.25	1.69	0.71	19.75	11.9	23
CC135601		0.41	0.005	0.56	1.37	32.5	<0.2	10	750	0.90	0.24	1.35	0.51	18.25	13.6	25
CC135602		0.44	0.003	0.23	1.60	34.6	<0.2	<10	410	1.01	0.26	0.31	0.47	22.2	13.1	28
CC135603		0.15	0.008	0.15	1.16	113.0	<0.2	<10	160	0.64	0.20	3.52	4.78	18.50	6.5	27
CC135604		0.41	0.012	0.59	1.49	477	<0.2	<10	290	1.10	0.24	2.89	2.18	24.7	11.6	31
CC135605		0.26	0.004	0.43	1.20	284	<0.2	<10	270	0.83	0.18	2.62	1.65	15.10	8.6	23
CC135606		0.16	0.003	0.35	0.95	400	<0.2	<10	340	0.72	0.15	4.47	2.62	17.85	5.4	30
CC135607		0.25	0.005	1.36	0.68	183.0	<0.2	10	360	0.50	0.14	3.86	7.53	9.08	4.1	24
CC135608		0.21	0.009	0.67	0.89	46.0	<0.2	<10	280	0.82	0.13	5.18	2.32	11.50	4.6	23
CC135609		0.19	0.003	0.39	1.10	95.9	<0.2	<10	280	0.70	0.17	3.88	1.04	14.10	6.1	26
CC135610		0.42	0.005	0.38	2.25	352	<0.2	<10	250	1.37	0.25	6.34	2.44	24.1	12.5	43
CC135611		0.44	0.001	0.07	2.15	21.9	<0.2	<10	310	0.67	0.29	0.18	0.68	28.9	10.2	29
CC135612		0.30	0.001	0.18	1.76	75.6	<0.2	<10	250	0.79	0.22	0.38	0.72	24.8	9.0	34
CC135613		0.28	0.004	0.19	0.95	21.8	<0.2	<10	220	0.84	0.25	1.52	0.32	13.15	10.3	17
CC135614		0.23	0.005	0.25	1.32	22.5	<0.2	<10	330	0.84	0.23	2.11	0.38	14.85	11.4	20
CC135615		0.40	0.003	0.04	1.48	15.6	<0.2	<10	170	0.72	0.31	0.06	0.30	9.38	11.9	27
CC135616		0.33	0.006	0.38	1.39	14.5	<0.2	<10	310	0.88	0.27	0.61	0.51	18.05	10.9	23
CC135617		0.18	0.007	0.94	1.41	12.1	<0.2	<10	570	1.11	0.23	1.39	1.28	18.80	8.9	20
CC135618		0.30	0.005	0.53	1.33	8.4	<0.2	<10	360	0.96	0.25	0.88	0.66	12.25	9.4	21
CC135619		0.20	0.003	0.26	0.70	9.1	<0.2	<10	230	0.63	0.23	1.99	0.50	7.65	6.3	12
CC135620		0.31	0.001	0.62	1.87	76.3	<0.2	<10	170	0.99	0.31	0.88	1.88	30.1	9.3	45
CC135621		0.31	0.003	0.24	1.69	47.9	<0.2	<10	250	1.01	0.26	2.27	2.51	19.20	9.3	29
CC135622		0.26	0.002	0.11	1.36	38.0	<0.2	<10	110	0.67	0.24	1.53	2.73	19.65	6.9	26
CC135623		0.17	0.003	0.27	0.92	150.5	<0.2	<10	200	0.66	0.13	4.87	0.98	8.96	6.9	23
CC135624		0.27	0.004	0.37	1.32	299	<0.2	<10	230	0.86	0.22	2.75	1.69	15.65	10.2	29
CC135625		0.21	0.002	0.18	0.76	21.8	<0.2	<10	170	0.28	0.15	3.88	2.25	8.62	2.3	15
CC135626		0.20	0.004	0.60	0.26	13.8	<0.2	10	200	0.17	0.05	5.49	0.94	3.13	1.7	9
CC135627		0.19	0.005	1.49	0.40	21.8	<0.2	<10	710	0.32	0.23	1.50	0.51	4.86	0.9	17
CC135628		0.27	0.003	0.34	1.82	83.6	<0.2	<10	280	0.72	0.29	1.16	4.58	21.6	6.9	33
CC135629		0.15	0.005	0.33	1.28	116.5	<0.2	<10	370	0.72	0.19	2.74	1.41	15.25	10.6	24
CC135630		0.20	0.008	0.57	1.17	218	<0.2	<10	290	0.69	0.20	3.91	1.39	18.65	9.1	27
CC135631		0.21	0.004	0.15	0.73	65.6	<0.2	<10	250	0.26	0.18	3.35	2.27	11.95	3.7	17
CC135632		0.23	0.024	0.32	0.55	111.0	<0.2	<10	200	0.40	0.13	3.41	2.52	8.35	4.3	14
CC135633		0.21	0.038	1.16	0.96	332	<0.2	<10	530	0.65	0.20	2.94	1.10	12.75	8.7	25
CC135634		0.53	0.004	0.64	1.45	73.0	<0.2	<10	520	0.85	0.24	1.02	1.02	23.9	11.6	25
CC135635		0.34	0.005	0.55	1.17	26.7	<0.2	<10	790	0.74	0.22	3.07	0.91	19.25	8.0	19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
CC135596		0.67	28.4	2.80	3.65	<0.05	0.05	0.32	0.028	0.07	8.4	17.0	0.43	533	1.31	0.01
CC135597		1.17	68.2	4.62	5.76	0.08	0.08	0.12	0.027	0.14	21.9	49.0	0.93	749	0.61	0.01
CC135598		0.90	69.0	4.22	5.12	0.05	0.09	1.01	0.033	0.09	14.9	32.0	0.83	613	1.06	0.01
CC135599		1.02	33.2	2.48	3.17	<0.05	0.05	0.58	0.023	0.07	9.8	15.0	0.39	440	1.33	0.01
CC135600		1.00	35.7	3.16	3.68	0.05	0.08	0.58	0.030	0.09	9.2	18.2	0.79	455	1.97	0.01
CC135601		1.53	66.7	3.66	3.85	0.05	0.08	0.23	0.035	0.11	8.5	20.3	0.67	463	1.98	0.01
CC135602		0.97	44.6	3.73	4.22	<0.05	0.05	0.13	0.037	0.09	9.3	25.3	0.48	470	2.40	0.01
CC135603		1.10	19.8	1.81	3.08	0.06	0.03	0.21	0.024	0.05	20.9	7.6	0.20	520	0.81	0.01
CC135604		1.83	27.9	3.37	3.83	0.06	0.04	1.10	0.031	0.08	22.5	15.3	0.40	678	2.62	0.01
CC135605		1.32	23.6	2.29	3.10	<0.05	0.05	0.64	0.025	0.06	11.6	11.3	0.27	414	2.36	0.01
CC135606		1.31	15.8	1.94	2.55	0.07	0.03	0.36	0.025	0.04	33.7	6.2	0.13	593	0.89	0.01
CC135607		1.71	58.9	1.20	1.99	<0.05	0.05	1.59	0.021	0.05	6.7	5.7	0.14	175	0.99	<0.01
CC135608		1.25	31.8	1.06	2.86	0.07	0.06	0.62	0.018	0.02	22.1	2.9	0.05	381	0.22	<0.01
CC135609		1.47	21.2	1.61	2.96	0.05	0.03	0.41	0.022	0.04	14.0	8.8	0.18	254	0.78	<0.01
CC135610		1.39	20.0	3.54	4.98	0.06	0.07	1.15	0.040	0.06	23.5	18.0	0.28	1040	1.56	<0.01
CC135611		1.24	16.4	3.03	7.01	<0.05	0.05	0.10	0.031	0.05	14.0	20.9	0.36	262	1.47	<0.01
CC135612		1.13	12.8	2.78	4.91	<0.05	0.04	0.07	0.033	0.05	13.1	11.9	0.25	413	3.68	<0.01
CC135613		3.52	28.8	2.64	2.83	<0.05	0.03	0.13	0.037	0.07	6.6	11.7	0.22	226	1.48	<0.01
CC135614		0.90	32.8	2.70	3.64	<0.05	0.05	0.11	0.033	0.08	6.7	20.4	0.38	362	1.63	<0.01
CC135615		2.86	31.5	3.86	5.11	<0.05	0.04	0.03	0.046	0.11	4.2	34.3	0.42	323	2.14	<0.01
CC135616		1.28	40.6	3.10	4.16	<0.05	0.04	0.19	0.036	0.10	8.5	26.5	0.47	310	1.99	<0.01
CC135617		1.63	48.1	2.62	3.56	0.06	0.05	0.24	0.032	0.11	9.1	19.3	0.38	363	1.66	<0.01
CC135618		1.72	39.6	2.53	3.81	<0.05	0.04	0.15	0.038	0.11	5.2	21.6	0.35	252	1.50	<0.01
CC135619		2.08	22.7	2.22	1.96	<0.05	0.04	0.12	0.030	0.08	3.5	8.3	0.20	200	1.17	<0.01
CC135620		2.33	14.8	3.28	5.78	0.06	0.03	0.06	0.039	0.07	24.4	11.0	0.30	345	6.23	<0.01
CC135621		1.23	31.4	3.10	4.81	0.05	0.05	0.13	0.034	0.08	19.9	15.1	0.37	415	1.27	<0.01
CC135622		1.22	13.3	2.57	4.13	0.05	0.02	0.09	0.035	0.09	17.2	11.9	0.20	191	0.88	<0.01
CC135623		1.43	20.2	1.42	2.76	<0.05	0.04	0.54	0.020	0.05	12.5	6.1	0.13	290	0.67	<0.01
CC135624		1.61	28.5	2.24	3.52	0.05	0.05	1.53	0.032	0.08	14.9	12.7	0.27	390	0.94	<0.01
CC135625		0.65	13.3	0.93	2.15	<0.05	0.02	0.20	0.016	0.02	6.4	3.3	0.04	90	0.60	<0.01
CC135626		1.09	19.1	0.41	0.83	<0.05	0.03	0.21	0.005	0.02	2.4	1.3	0.04	172	0.95	<0.01
CC135627		1.88	22.8	1.60	2.19	<0.05	0.04	0.15	0.029	0.11	3.0	1.6	0.03	16	10.45	<0.01
CC135628		1.49	13.8	2.79	5.56	<0.05	0.02	0.43	0.038	0.05	12.5	13.4	0.13	224	3.33	<0.01
CC135629		0.95	27.3	2.30	3.61	<0.05	0.05	0.66	0.027	0.06	10.1	16.0	0.38	496	0.71	<0.01
CC135630		1.28	23.0	2.19	3.20	0.06	0.04	1.24	0.028	0.06	16.3	12.5	0.33	480	1.26	<0.01
CC135631		1.14	12.1	1.00	2.49	0.05	0.02	1.01	0.023	0.03	14.1	2.4	0.05	251	0.62	<0.01
CC135632		0.83	14.3	1.07	1.44	<0.05	0.02	0.68	0.018	0.04	10.3	3.1	0.08	300	1.04	<0.01
CC135633		1.49	31.3	2.29	2.86	0.05	0.05	0.81	0.027	0.07	9.7	10.5	0.25	417	0.98	<0.01
CC135634		0.96	41.8	3.27	4.20	0.05	0.05	0.28	0.035	0.08	13.2	19.7	0.64	513	2.27	<0.01
CC135635		0.89	86.0	2.81	3.67	<0.05	0.02	0.40	0.030	0.05	11.7	9.7	0.61	786	1.31	<0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
CC135596		0.48	26.0	850	19.6	6.8	0.003	0.07	0.80	3.6	1.5	0.4	58.1	<0.01	0.04	1.4
CC135597		0.10	39.5	560	22.3	7.4	<0.001	0.01	0.41	7.0	0.8	0.2	23.5	<0.01	0.05	6.2
CC135598		0.22	36.9	680	19.8	6.0	<0.001	0.02	0.67	6.5	0.8	0.3	35.4	<0.01	0.06	3.4
CC135599		0.37	27.6	930	23.0	7.5	0.004	0.08	1.06	3.1	2.0	0.3	39.2	<0.01	0.05	1.0
CC135600		0.59	33.0	700	22.1	7.3	0.001	0.03	1.11	5.4	1.3	0.4	47.4	<0.01	0.05	3.2
CC135601		0.28	40.7	720	16.7	7.5	0.001	0.05	1.35	6.5	2.4	0.4	59.1	<0.01	0.10	2.8
CC135602		0.31	39.5	460	18.4	7.7	<0.001	0.01	0.94	4.9	1.4	0.5	25.0	<0.01	0.10	3.3
CC135603		0.59	18.7	1250	14.0	5.9	<0.001	0.11	0.62	1.6	1.3	0.4	36.2	<0.01	0.06	0.3
CC135604		0.42	40.8	1590	26.8	8.0	0.001	0.06	1.22	3.4	2.5	0.4	49.1	<0.01	0.06	0.9
CC135605		0.38	40.6	1070	18.4	5.4	0.001	0.07	1.29	2.5	2.2	0.4	39.5	<0.01	0.06	0.7
CC135606		0.39	20.2	1190	14.8	5.0	0.001	0.10	0.69	1.6	2.1	0.3	48.5	<0.01	0.04	0.3
CC135607		0.29	44.3	1380	9.6	8.1	0.007	0.17	1.34	1.5	4.1	0.3	55.9	<0.01	0.04	0.4
CC135608		0.36	28.3	1040	7.6	5.0	0.001	0.15	0.45	2.0	4.1	0.3	52.7	0.01	0.03	0.4
CC135609		0.55	26.9	1090	10.2	8.0	0.001	0.12	0.57	1.6	1.7	0.3	40.3	<0.01	0.03	0.4
CC135610		0.58	32.5	1230	107.5	8.0	<0.001	0.05	1.27	5.4	1.8	0.6	55.1	0.01	0.04	2.0
CC135611		0.90	21.7	180	16.4	9.5	0.001	0.02	0.47	4.1	0.2	0.7	11.3	<0.01	0.05	3.7
CC135612		0.55	33.3	220	12.6	11.1	<0.001	0.03	0.64	5.0	1.1	0.6	19.5	<0.01	0.04	2.7
CC135613		0.26	31.8	650	13.2	10.7	0.001	0.07	0.64	3.7	0.9	0.4	24.9	<0.01	0.05	1.4
CC135614		0.28	32.6	610	14.0	8.4	0.001	0.08	0.76	3.5	1.3	0.4	37.2	<0.01	0.04	1.3
CC135615		0.21	31.5	690	17.0	14.2	<0.001	0.10	0.50	3.9	0.9	0.5	17.5	<0.01	0.05	2.6
CC135616		0.31	39.6	890	14.1	11.0	0.001	0.06	0.90	5.1	1.5	0.4	42.3	<0.01	0.05	2.6
CC135617		0.25	41.4	1000	12.5	13.0	0.001	0.11	1.10	5.7	1.7	0.4	58.9	<0.01	0.04	1.6
CC135618		0.25	43.0	870	11.7	14.1	0.001	0.12	0.89	5.0	1.8	0.4	54.7	<0.01	0.06	1.8
CC135619		0.16	25.3	690	12.7	11.1	0.003	0.13	0.42	2.7	1.1	0.3	58.4	<0.01	0.03	1.1
CC135620		0.89	52.8	490	18.2	11.6	<0.001	0.05	0.75	4.5	1.5	0.7	22.5	<0.01	0.04	2.0
CC135621		0.50	32.9	730	15.3	12.8	<0.001	0.08	0.73	4.3	1.5	0.5	25.4	<0.01	0.05	1.1
CC135622		0.62	20.0	610	15.5	15.6	<0.001	0.08	0.54	3.1	0.9	0.5	16.9	<0.01	0.10	1.2
CC135623		0.31	34.9	1370	8.5	6.4	<0.001	0.17	0.51	1.1	1.6	0.3	45.2	<0.01	0.03	0.2
CC135624		0.47	46.9	1660	14.9	9.6	0.001	0.11	0.79	2.8	1.8	0.4	34.5	<0.01	0.05	0.9
CC135625		0.46	9.7	880	7.2	2.1	<0.001	0.13	0.35	0.9	1.0	0.3	49.8	<0.01	0.03	<0.2
CC135626		0.13	21.3	1010	2.1	2.1	0.001	0.22	0.59	0.3	3.2	<0.2	52.5	<0.01	0.01	<0.2
CC135627		0.18	28.8	1420	12.1	10.3	0.002	0.20	3.15	1.2	4.9	0.5	83.2	<0.01	0.12	0.8
CC135628		0.98	25.6	760	19.7	9.7	0.001	0.06	1.24	3.1	1.4	0.7	22.4	<0.01	0.07	1.5
CC135629		0.39	34.7	840	15.5	6.7	0.001	0.11	0.64	3.0	1.4	0.3	40.1	<0.01	0.05	0.9
CC135630		0.57	28.1	1390	31.5	6.8	0.001	0.12	0.98	2.5	1.9	0.3	47.7	<0.01	0.04	0.7
CC135631		0.38	9.0	1320	16.8	3.9	<0.001	0.16	0.36	1.5	1.2	0.3	42.5	<0.01	0.06	0.3
CC135632		0.24	17.5	1130	14.2	4.4	0.001	0.16	0.64	1.1	1.9	0.2	43.7	<0.01	0.08	0.2
CC135633		0.33	35.1	1130	19.9	7.5	0.005	0.12	1.12	2.8	3.0	0.4	48.6	<0.01	0.10	0.9
CC135634		0.30	39.6	870	19.3	9.2	0.001	0.04	1.03	5.9	1.4	0.4	41.7	<0.01	0.07	2.9
CC135635		0.43	21.4	1030	17.2	7.5	<0.001	0.10	0.80	3.2	1.4	0.4	62.6	<0.01	0.06	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
CC135596	0.008	0.12	2.64	44	0.07	10.40	100	1.5
CC135597	0.005	0.08	0.57	40	<0.05	13.35	87	4.5
CC135598	0.006	0.11	0.79	49	0.05	13.50	289	2.8
CC135599	0.007	0.18	1.92	47	0.09	16.80	131	1.5
CC135600	0.011	0.16	0.89	45	0.12	11.65	152	2.9
CC135601	0.008	0.19	0.93	53	0.07	13.00	132	3.0
CC135602	0.005	0.14	0.84	56	0.06	9.30	129	2.0
CC135603	0.015	0.14	1.57	36	0.12	40.9	235	0.8
CC135604	0.009	0.43	1.48	64	0.16	37.9	194	1.2
CC135605	0.006	0.44	1.37	71	0.15	22.4	195	1.5
CC135606	0.008	0.36	1.39	54	0.16	58.1	157	0.7
CC135607	0.006	2.39	3.26	56	0.07	21.9	255	1.7
CC135608	0.011	0.58	6.79	30	0.08	73.2	38	1.9
CC135609	0.010	0.49	2.19	34	0.17	31.0	108	1.2
CC135610	0.011	0.29	1.22	63	0.22	42.1	289	1.7
CC135611	0.016	0.21	0.58	74	0.17	5.02	134	2.2
CC135612	0.008	0.24	1.32	76	0.14	16.05	113	1.5
CC135613	<0.005	0.19	1.28	34	0.05	10.00	102	1.0
CC135614	<0.005	0.15	1.36	40	0.06	10.05	93	1.4
CC135615	<0.005	0.18	0.55	35	<0.05	5.22	103	1.0
CC135616	0.005	0.20	1.43	41	0.06	11.75	128	1.3
CC135617	<0.005	0.24	2.02	38	0.06	21.5	128	1.7
CC135618	<0.005	0.21	1.76	37	<0.05	11.25	115	1.4
CC135619	<0.005	0.14	0.91	21	<0.05	9.61	89	1.1
CC135620	0.021	0.29	2.75	86	0.23	27.9	158	1.0
CC135621	0.009	0.18	1.07	53	0.12	34.3	138	1.2
CC135622	0.009	0.20	0.67	50	0.09	23.9	107	0.9
CC135623	0.005	0.35	3.21	29	0.09	35.1	128	1.3
CC135624	0.006	0.59	2.38	48	0.18	34.0	211	1.5
CC135625	0.017	0.13	1.24	27	0.06	12.85	84	0.7
CC135626	<0.005	0.42	3.31	15	<0.05	7.73	61	1.1
CC135627	<0.005	0.83	1.67	95	0.11	4.03	72	1.7
CC135628	0.015	0.39	2.23	94	0.23	18.55	193	0.8
CC135629	0.005	0.25	1.67	43	0.08	18.65	191	1.7
CC135630	0.011	0.37	2.10	52	0.21	28.1	178	1.4
CC135631	0.013	0.17	1.72	25	0.08	22.6	86	0.9
CC135632	0.009	0.24	1.45	22	0.07	22.4	216	0.9
CC135633	0.005	0.55	2.76	55	0.10	22.7	197	1.7
CC135634	0.006	0.23	1.81	64	0.08	16.30	149	1.7
CC135635	0.013	0.13	2.21	50	0.11	16.70	78	0.9

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
CC135636		0.18	0.005	0.18	0.73	28.2	<0.2	<10	400	0.51	0.13	3.62	0.57	10.60	7.2	12
CC135637		0.36	0.004	0.24	1.60	17.9	<0.2	<10	620	0.80	0.23	1.72	0.66	23.9	11.2	27
CC135638		0.26	0.004	0.43	1.27	61.5	<0.2	<10	510	0.72	0.21	2.14	1.40	17.00	11.3	23
CC135639		0.14	0.004	0.46	1.13	41.0	<0.2	<10	560	0.63	0.19	2.82	0.99	13.40	8.7	21
CC135640		0.21	0.004	0.50	1.18	46.6	<0.2	<10	550	0.64	0.19	2.64	1.31	14.85	9.0	23
CC135641		0.43	0.004	0.58	1.19	53.3	<0.2	<10	420	0.69	0.20	1.66	1.10	20.8	11.0	25
CC135642		0.14	0.004	0.70	1.25	47.5	<0.2	<10	540	0.68	0.20	2.31	1.10	15.15	10.1	25
CC135643		0.21	0.005	0.53	1.08	91.4	<0.2	10	460	0.72	0.19	2.46	0.90	15.95	9.8	23
CC135644		0.25	0.005	0.66	1.10	135.5	<0.2	10	450	0.62	0.18	2.92	0.62	13.80	8.6	25
CC135645		0.25	0.005	0.49	1.11	166.5	<0.2	10	460	0.71	0.19	2.87	0.99	14.05	9.3	23
CC135646		0.43	0.005	0.72	1.30	159.0	<0.2	<10	390	0.86	0.24	2.06	1.14	18.65	12.1	28
CC135647		0.28	0.005	0.37	1.43	47.6	<0.2	<10	620	0.83	0.21	2.40	0.68	16.35	11.6	24
CC135648		0.44	0.003	0.57	1.75	39.6	<0.2	<10	400	1.00	0.28	0.80	0.41	28.1	16.9	31
CC135649		0.32	0.006	0.48	1.34	98.5	<0.2	10	350	0.97	0.23	2.65	1.01	16.50	11.9	29
CC135650		0.27	0.005	1.20	0.95	175.0	<0.2	<10	320	0.81	0.18	2.63	1.72	11.35	6.8	43
CC135651		0.35	0.001	0.03	1.51	34.6	<0.2	<10	190	0.38	0.25	0.33	0.52	21.0	7.4	24
CC135652		0.27	0.003	0.14	1.89	142.5	<0.2	<10	170	0.89	0.25	1.44	3.41	24.8	9.2	45
CC135653		0.27	0.002	0.14	1.81	61.3	<0.2	<10	190	0.93	0.27	1.79	2.94	24.5	8.7	35
CC135654		0.27	0.002	0.16	2.20	70.8	<0.2	<10	270	1.02	0.30	1.96	2.21	27.0	11.6	41
CC135655		0.42	0.001	0.10	2.10	16.7	<0.2	<10	320	0.37	0.21	0.24	0.60	22.4	8.7	30
CC135656		0.22	0.003	0.26	0.61	7.2	<0.2	10	210	0.24	0.09	5.62	0.80	5.98	3.6	11
CC135657		0.34	0.009	1.83	1.53	16.3	<0.2	<10	510	0.89	0.27	0.42	0.84	17.70	14.6	25
CC135658		0.39	0.001	0.13	2.37	22.4	<0.2	<10	240	0.69	0.25	0.49	0.44	21.6	10.3	34
CC135659		0.36	0.002	0.25	1.92	37.8	<0.2	<10	220	0.84	0.25	1.72	1.85	21.1	8.6	36
CC135660		0.37	0.004	0.20	1.63	60	<0.2	<10	190	0.78	0.20	13.70	1.33	27.3	8.3	35
CC135661		0.19	0.004	0.34	1.76	91.1	<0.2	<10	270	0.83	0.22	3.29	1.59	18.60	9.4	38
CC135662		0.28	0.004	0.18	0.98	40.9	<0.2	<10	130	0.44	0.13	4.02	0.97	10.00	6.5	20
CC135663		0.27	0.005	0.32	1.55	109.5	<0.2	<10	210	0.84	0.21	3.01	1.47	19.00	11.7	33
CC135664		0.23	0.004	0.28	1.15	57.3	<0.2	10	290	0.63	0.15	3.93	0.67	12.85	8.0	21
CC135665		0.23	0.004	0.29	1.53	27.7	<0.2	<10	570	0.76	0.19	2.49	0.57	17.95	13.3	25
CC135666		0.18	0.004	0.23	1.21	23.3	<0.2	10	590	0.57	0.15	3.73	0.52	12.35	9.4	19
CC135667		0.31	0.002	0.10	1.89	29.5	<0.2	<10	290	0.48	0.33	0.42	0.22	24.4	7.1	32
CC135668		0.42	0.004	0.20	1.93	184.0	<0.2	<10	420	0.86	0.25	0.59	0.57	32.6	19.1	33
CC135669		0.29	0.004	0.25	1.47	35.7	<0.2	<10	730	0.69	0.22	1.41	0.47	17.85	8.5	24
CC135670		0.41	0.004	0.22	1.41	49.6	<0.2	<10	390	0.75	0.23	0.79	0.30	20.9	11.0	25
CC135671		0.33	0.003	0.24	1.37	27.6	<0.2	<10	530	0.88	0.24	1.25	0.26	14.60	10.6	22
CC135672		0.20	0.004	0.19	1.16	19.8	<0.2	<10	570	0.80	0.21	1.48	0.76	13.75	11.1	19
CC135673		0.35	0.004	0.22	1.70	42.2	<0.2	<10	450	0.90	0.23	1.52	0.74	19.95	14.0	27
CC135674		0.24	0.004	0.21	1.48	39.3	<0.2	<10	570	0.76	0.20	2.43	0.45	13.65	10.7	23
CC135675		0.27	0.003	0.22	1.43	17.6	<0.2	10	610	0.79	0.19	2.43	0.41	14.60	13.0	22

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
CC135636		0.41	55.7	1.82	2.06	<0.05	0.03	0.24	0.017	0.04	6.3	9.1	0.41	381	0.85	<0.01
CC135637		0.84	42.9	2.69	4.72	0.05	0.07	0.19	0.032	0.06	11.4	25.2	0.67	153	0.74	<0.01
CC135638		0.89	35.5	2.56	3.61	<0.05	0.05	0.30	0.028	0.07	9.2	17.7	0.45	957	1.32	<0.01
CC135639		0.92	35.3	2.17	3.19	<0.05	0.05	0.28	0.026	0.06	7.5	14.5	0.41	669	0.85	<0.01
CC135640		0.82	42.5	2.18	3.35	<0.05	0.04	0.32	0.025	0.06	8.4	15.6	0.44	408	0.98	<0.01
CC135641		1.07	32.8	2.84	3.48	<0.05	0.04	0.31	0.029	0.07	10.5	17.9	0.50	638	1.92	<0.01
CC135642		0.96	38.0	2.40	3.54	0.05	0.06	0.36	0.029	0.07	8.9	16.1	0.44	486	0.97	<0.01
CC135643		0.70	33.6	2.21	3.16	0.05	0.06	0.58	0.025	0.07	9.5	15.8	0.38	536	0.90	0.02
CC135644		0.98	27.4	2.07	3.09	<0.05	0.05	0.62	0.025	0.06	8.4	13.9	0.35	459	0.57	0.02
CC135645		1.01	32.5	2.31	3.20	<0.05	0.05	0.65	0.027	0.07	9.0	14.5	0.38	552	1.11	0.02
CC135646		1.49	42.9	3.08	3.85	<0.05	0.05	0.59	0.033	0.10	11.2	18.4	0.62	492	1.84	0.02
CC135647		0.87	38.4	2.96	4.03	<0.05	0.05	0.33	0.029	0.09	8.6	18.6	0.44	1060	1.08	0.02
CC135648		1.46	47.7	3.86	5.26	0.06	0.07	0.23	0.033	0.10	13.3	25.6	0.67	716	1.97	0.02
CC135649		1.58	43.2	2.96	3.77	0.05	0.06	0.62	0.032	0.09	12.1	16.2	0.39	432	1.25	0.02
CC135650		2.22	35.8	2.06	2.61	0.05	0.03	2.73	0.030	0.06	9.1	6.5	0.15	244	4.14	0.02
CC135651		1.33	11.9	2.96	5.75	<0.05	<0.02	0.07	0.025	0.05	10.6	17.7	0.33	231	1.20	0.02
CC135652		1.74	18.8	3.06	5.15	0.05	0.03	0.50	0.032	0.06	19.6	14.2	0.32	415	1.06	0.02
CC135653		1.42	16.6	3.09	5.17	0.06	0.02	0.16	0.038	0.06	25.8	13.6	0.34	417	0.93	0.02
CC135654		1.54	21.0	3.58	6.56	0.07	0.06	0.19	0.037	0.10	26.4	17.1	0.49	772	1.16	0.02
CC135655		1.43	12.1	2.83	7.03	<0.05	0.04	0.02	0.026	0.03	11.7	20.7	0.42	197	2.15	0.02
CC135656		0.64	17.7	0.72	1.71	<0.05	0.03	0.18	0.010	0.02	6.6	2.5	0.08	632	0.65	0.03
CC135657		3.37	50.9	3.28	4.29	0.06	0.04	0.39	0.037	0.14	7.5	19.7	0.37	820	2.62	0.02
CC135658		1.91	12.6	3.22	7.27	<0.05	0.03	0.02	0.034	0.05	10.6	19.5	0.45	346	1.47	0.02
CC135659		1.77	17.4	3.04	5.56	0.05	0.04	0.19	0.031	0.06	23.0	13.5	0.39	450	0.93	0.02
CC135660		2.33	18.2	2.59	4.42	0.08	0.04	0.45	0.033	0.07	31.9	15.4	0.29	399	1.17	0.02
CC135661		1.69	38.8	2.85	5.24	0.06	0.04	0.57	0.033	0.08	22.2	15.6	0.37	971	1.13	0.02
CC135662		0.92	24.2	1.73	2.53	<0.05	0.04	0.34	0.017	0.07	8.9	10.7	0.29	330	0.85	0.03
CC135663		1.31	41.3	2.79	4.26	0.07	0.05	0.86	0.027	0.09	18.0	18.6	0.48	541	0.77	0.02
CC135664		0.98	40.7	1.98	3.12	<0.05	0.04	0.41	0.022	0.06	8.5	11.6	0.34	423	0.80	0.02
CC135665		0.98	50.9	3.07	4.37	<0.05	0.06	0.25	0.030	0.09	9.2	22.2	0.64	528	0.77	0.02
CC135666		0.84	45.5	2.47	3.29	<0.05	0.04	0.22	0.022	0.08	6.1	15.9	0.53	439	1.11	0.03
CC135667		1.72	16.9	3.50	7.31	<0.05	0.02	0.04	0.034	0.07	12.4	27.8	0.50	216	1.67	0.02
CC135668		1.44	63.8	4.50	5.63	0.06	0.07	0.34	0.035	0.12	15.7	31.0	0.94	899	1.52	0.02
CC135669		0.70	25.6	2.75	4.01	<0.05	0.04	0.18	0.031	0.07	8.7	14.4	0.37	389	1.14	0.02
CC135670		1.29	34.7	3.11	4.12	0.05	0.05	0.12	0.032	0.08	11.1	19.6	0.50	325	1.45	0.02
CC135671		1.10	28.8	3.21	3.77	<0.05	0.04	0.11	0.033	0.07	7.4	18.2	0.38	356	1.39	0.02
CC135672		0.81	29.6	2.78	3.21	<0.05	0.04	0.12	0.032	0.08	6.4	15.5	0.32	1010	1.40	0.02
CC135673		1.24	52.1	3.34	4.74	<0.05	0.06	0.19	0.035	0.11	11.6	25.3	0.59	558	1.06	0.02
CC135674		1.13	46.7	2.96	4.02	<0.05	0.05	0.21	0.027	0.09	7.3	18.3	0.55	454	0.92	0.03
CC135675		1.05	68.9	3.14	4.06	<0.05	0.07	0.16	0.026	0.10	7.6	18.5	0.64	557	0.99	0.03

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 7-AUG-2013
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
CC135636		0.20	18.4	920	9.6	4.1	0.001	0.18	0.67	1.7	2.2	<0.2	104.5	<0.01	0.04	0.3
CC135637		0.56	28.8	790	15.5	7.6	0.004	0.16	0.72	4.6	3.3	0.4	57.4	<0.01	0.04	1.7
CC135638		0.34	30.8	960	14.0	8.2	0.003	0.11	0.79	3.5	1.5	0.3	48.8	<0.01	0.04	1.0
CC135639		0.29	25.7	1070	12.5	7.9	0.004	0.15	0.80	2.6	1.6	0.3	60.2	<0.01	0.04	0.6
CC135640		0.30	30.6	980	13.0	7.7	0.007	0.14	0.96	2.9	1.9	0.3	57.3	<0.01	0.06	0.6
CC135641		0.22	32.9	1650	17.1	7.1	0.005	0.08	0.94	4.6	1.5	0.3	50.6	<0.01	0.05	1.6
CC135642		0.29	31.1	950	13.8	8.0	0.002	0.11	0.81	3.5	1.8	0.3	42.3	<0.01	0.06	0.9
CC135643		0.43	29.2	800	16.5	6.6	0.001	0.09	0.73	3.0	2.0	0.3	39.7	<0.01	0.06	0.9
CC135644		0.40	25.5	940	14.3	7.1	0.001	0.11	0.71	2.4	2.6	0.4	41.1	<0.01	0.06	0.7
CC135645		0.39	30.4	1030	13.9	8.0	0.001	0.09	0.86	2.8	2.0	0.3	41.4	<0.01	0.06	0.8
CC135646		0.45	41.2	1050	17.6	9.2	0.002	0.04	1.09	4.8	1.9	0.4	42.0	<0.01	0.08	2.0
CC135647		0.40	30.0	860	14.7	7.6	0.001	0.08	0.80	3.5	1.9	0.4	35.7	<0.01	0.05	0.9
CC135648		0.38	38.8	870	20.3	8.6	0.001	0.02	1.00	6.0	1.4	0.5	30.3	<0.01	0.08	3.6
CC135649		0.39	40.2	1180	15.7	9.1	0.002	0.08	0.82	4.0	3.0	0.4	42.4	<0.01	0.07	1.2
CC135650		0.34	66.4	1860	10.3	6.7	0.001	0.08	1.31	2.5	7.1	0.5	76.0	<0.01	0.10	0.5
CC135651		0.88	17.8	290	15.4	10.1	<0.001	0.01	0.45	2.4	0.6	0.6	12.0	<0.01	0.04	2.5
CC135652		0.74	30.6	630	17.2	9.0	0.001	0.05	0.71	4.0	1.4	0.6	20.9	<0.01	0.04	1.4
CC135653		0.73	24.9	900	16.7	10.1	<0.001	0.06	0.56	2.9	1.7	0.6	19.6	<0.01	0.05	0.8
CC135654		0.77	32.0	840	19.9	12.3	<0.001	0.05	0.52	4.8	1.9	0.7	22.2	<0.01	0.07	1.8
CC135655		0.87	22.2	140	13.7	8.2	<0.001	0.01	0.39	3.3	0.7	0.8	11.0	<0.01	0.04	2.9
CC135656		0.31	10.6	1220	4.4	2.6	0.002	0.19	0.38	0.5	2.1	0.2	67.2	<0.01	0.02	<0.2
CC135657		0.24	42.9	1250	17.4	18.4	0.001	0.07	1.12	6.6	3.1	0.5	32.5	<0.01	0.06	2.1
CC135658		0.67	25.8	260	16.0	12.5	<0.001	0.02	0.29	4.2	0.5	0.8	16.8	<0.01	0.04	2.8
CC135659		0.75	25.4	700	15.7	11.4	0.001	0.05	0.49	3.8	1.3	0.6	20.2	<0.01	0.04	1.2
CC135660		0.53	31.2	1540	14.7	11.3	0.001	0.02	0.57	5.1	1.9	0.5	95.7	<0.01	0.06	2.6
CC135661		0.42	31.2	1330	15.2	9.3	<0.001	0.10	0.66	2.7	2.4	0.5	37.7	<0.01	0.05	0.5
CC135662		0.31	20.5	1190	8.7	6.3	<0.001	0.16	0.50	1.1	0.9	0.2	36.6	<0.01	0.04	0.2
CC135663		0.46	34.8	1690	14.0	9.1	<0.001	0.11	0.67	3.1	2.5	0.4	37.8	<0.01	0.08	0.8
CC135664		0.40	21.2	1160	10.0	6.3	<0.001	0.15	0.74	1.4	2.0	0.3	47.0	<0.01	0.04	0.3
CC135665		0.31	29.6	890	14.0	8.0	0.002	0.09	0.57	4.6	1.5	0.3	46.5	<0.01	0.05	1.2
CC135666		0.24	23.0	790	10.8	6.1	0.001	0.12	0.67	2.5	1.3	0.2	73.2	<0.01	0.06	0.5
CC135667		1.27	19.8	430	16.1	13.8	<0.001	0.02	0.58	3.3	0.7	0.8	18.4	<0.01	0.04	2.8
CC135668		0.24	42.0	890	20.4	8.0	0.001	0.02	0.65	6.6	1.3	0.4	38.5	<0.01	0.08	4.0
CC135669		0.58	23.9	1040	12.1	9.8	0.001	0.07	0.73	2.8	2.2	0.4	39.3	<0.01	0.04	1.1
CC135670		0.53	34.6	600	11.5	8.9	<0.001	0.03	0.65	4.6	1.4	0.4	30.4	<0.01	0.06	2.5
CC135671		0.42	31.3	780	13.7	9.3	0.001	0.05	0.59	4.1	1.6	0.4	41.1	<0.01	0.04	1.7
CC135672		0.36	30.0	840	11.7	8.9	0.001	0.07	0.71	3.5	2.0	0.4	44.2	<0.01	0.04	1.4
CC135673		0.33	37.4	850	13.8	9.2	0.001	0.06	0.64	4.8	1.6	0.4	42.8	<0.01	0.06	1.6
CC135674		0.29	27.8	770	11.9	8.8	0.001	0.11	0.65	3.6	1.6	0.3	65.5	<0.01	0.06	0.9
CC135675		0.21	29.9	760	11.9	7.0	0.001	0.11	0.71	4.0	1.6	0.3	68.0	<0.01	0.07	0.9

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NADALEEN

Finalized Date: 7- AUG- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
CC135636		0.005	0.09	2.39	21	<0.05	11.60	50	1.4
CC135637		0.009	0.15	3.69	52	0.09	11.25	84	2.2
CC135638		0.006	0.24	1.86	52	0.08	13.75	140	1.6
CC135639		0.005	0.24	1.66	49	0.05	12.30	123	1.5
CC135640		0.005	0.25	2.60	52	0.06	13.90	130	1.5
CC135641		0.005	0.25	2.05	58	0.06	15.90	147	1.5
CC135642		0.005	0.36	1.56	49	0.07	15.35	135	1.6
CC135643		0.006	0.39	1.20	42	0.08	16.65	129	1.5
CC135644		0.007	0.55	1.52	48	0.08	16.45	133	1.4
CC135645		0.006	0.41	1.38	48	0.12	17.35	158	1.6
CC135646		0.008	0.60	1.18	59	0.10	20.2	189	1.7
CC135647		0.006	0.15	1.74	47	0.06	12.00	118	1.6
CC135648		0.008	0.21	1.08	69	0.09	13.70	116	2.3
CC135649		0.005	0.39	1.49	49	0.13	24.9	149	1.8
CC135650		0.006	1.19	2.77	75	0.34	28.5	226	1.1
CC135651		0.019	0.20	0.45	62	0.18	3.06	90	0.6
CC135652		0.014	0.32	1.46	73	0.23	29.8	162	0.9
CC135653		0.014	0.19	0.90	58	0.16	34.7	139	0.7
CC135654		0.014	0.20	0.58	74	0.18	38.6	130	1.6
CC135655		0.016	0.24	0.39	75	0.14	2.71	85	1.7
CC135656		0.008	0.07	3.97	17	<0.05	13.10	24	1.0
CC135657		<0.005	0.41	1.40	51	0.08	13.80	168	1.1
CC135658		0.010	0.24	0.81	73	0.12	5.42	93	1.2
CC135659		0.015	0.15	1.03	58	0.14	36.8	178	1.1
CC135660		0.010	0.31	2.15	51	0.15	51.1	134	1.2
CC135661		0.008	0.28	2.44	62	0.11	55.8	116	1.1
CC135662		0.008	0.16	1.58	29	0.15	17.75	93	1.3
CC135663		0.009	0.32	2.66	48	0.10	36.4	163	1.7
CC135664		0.007	0.22	2.74	35	0.07	15.65	81	1.2
CC135665		0.005	0.16	1.42	44	0.05	12.55	113	2.1
CC135666		0.005	0.13	1.13	36	0.05	9.08	93	1.6
CC135667		0.028	0.22	0.74	83	0.27	4.29	97	0.5
CC135668		0.007	0.24	0.87	60	0.08	12.90	121	2.7
CC135669		0.008	0.14	2.62	48	0.13	9.26	108	1.1
CC135670		0.012	0.17	1.36	42	0.13	11.10	111	1.6
CC135671		0.005	0.14	1.36	39	0.10	11.30	101	1.1
CC135672		0.005	0.12	2.15	33	0.08	10.25	132	1.1
CC135673		0.005	0.17	1.24	43	0.13	15.50	130	2.0
CC135674		<0.005	0.17	1.36	41	0.08	10.25	94	1.8
CC135675		<0.005	0.12	1.84	40	<0.05	10.80	89	2.2

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
CC135676		0.42	0.003	0.27	1.75	64.7	<0.2	<10	530	0.74	0.25	1.55	0.63	19.75	11.6	26
CC135677		0.39	0.005	0.71	1.98	242	<0.2	<10	580	1.03	0.29	0.83	1.02	26.1	13.0	36
CC135678		0.35	0.004	0.32	1.86	95.0	<0.2	<10	410	0.91	0.26	0.93	0.37	27.4	18.5	32
CC135679		0.39	0.003	0.23	1.67	30.5	<0.2	<10	460	0.86	0.20	1.11	0.53	23.4	18.0	28
CC135680		0.35	0.004	0.34	1.55	33.4	<0.2	<10	580	0.92	0.18	1.58	0.53	18.95	13.4	25
CC135681		0.35	0.006	0.35	1.67	30.6	<0.2	<10	450	0.97	0.20	1.58	0.51	20.1	15.3	27
CC135682		0.25	0.004	0.24	1.41	21.7	<0.2	<10	490	0.81	0.16	1.93	0.43	16.20	11.7	22
CC135683		0.23	0.004	0.23	1.34	17.5	<0.2	<10	460	0.75	0.15	1.97	0.37	16.25	9.7	21
CC135684		0.51	0.004	0.22	1.84	16.0	<0.2	<10	380	0.98	0.20	0.97	0.38	24.5	18.6	29
CC135685		0.20	0.004	0.31	1.66	25.4	<0.2	<10	410	0.92	0.20	1.45	0.59	19.35	18.4	26
CC135686		0.38	0.006	0.21	1.68	12.9	<0.2	<10	360	0.80	0.17	0.79	0.38	20.6	11.5	26
CC135687		0.38	0.004	0.27	1.58	10.9	<0.2	<10	390	0.88	0.18	1.17	0.53	20.4	10.3	25
CC135688		0.40	0.005	0.29	1.55	19.7	<0.2	<10	390	0.86	0.19	1.22	0.43	19.85	11.8	26
CC135689		0.24	0.006	0.28	1.54	16.0	<0.2	<10	530	0.84	0.18	1.81	0.57	17.65	12.8	24

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Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
CC135676		1.31	34.9	3.42	5.47	<0.05	0.04	0.12	0.037	0.07	10.2	22.3	0.50	430	1.22	0.02
CC135677		2.55	44.5	3.63	5.45	0.06	0.05	0.58	0.043	0.11	16.0	23.9	0.57	549	1.80	0.02
CC135678		2.02	78.0	4.33	5.46	0.06	0.09	0.25	0.034	0.11	12.8	30.4	0.92	699	1.31	0.02
CC135679		1.98	44.4	3.74	4.57	<0.05	0.08	0.16	0.031	0.09	9.9	27.3	0.73	826	1.16	0.02
CC135680		1.32	51.8	3.11	4.25	0.05	0.06	0.24	0.031	0.08	9.7	23.9	0.62	606	0.99	0.02
CC135681		1.67	73.0	3.61	4.53	0.05	0.08	0.23	0.035	0.11	10.5	25.6	0.74	530	1.57	0.02
CC135682		0.83	46.0	2.94	3.88	<0.05	0.06	0.19	0.027	0.07	8.1	19.7	0.63	486	0.98	0.02
CC135683		0.80	45.2	2.80	3.72	<0.05	0.08	0.19	0.027	0.07	7.8	18.9	0.62	339	0.90	0.02
CC135684		0.95	64.4	3.73	5.09	0.05	0.09	0.16	0.035	0.09	11.8	30.8	0.90	462	0.99	0.01
CC135685		1.13	49.5	4.01	4.58	<0.05	0.10	0.18	0.032	0.10	8.8	26.9	0.71	796	1.08	0.02
CC135686		1.00	43.8	3.27	4.76	<0.05	0.08	0.16	0.028	0.08	9.6	29.4	0.77	241	0.51	0.02
CC135687		0.92	45.7	2.73	4.40	<0.05	0.07	0.21	0.030	0.08	9.5	25.4	0.68	460	0.59	0.02
CC135688		0.91	51.6	3.26	4.42	0.05	0.06	0.19	0.032	0.09	10.2	25.6	0.70	370	1.03	0.02
CC135689		1.01	49.2	3.01	4.25	<0.05	0.07	0.18	0.028	0.09	8.4	21.7	0.67	646	0.92	0.02

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Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
CC135676		0.58	22.8	750	15.1	9.5	<0.001	0.06	0.51	4.2	1.3	0.5	48.5	<0.01	0.07	1.3
CC135677		0.49	36.1	990	18.2	14.0	0.001	0.05	0.81	6.5	2.3	0.5	40.2	<0.01	0.06	2.0
CC135678		0.23	39.4	660	18.3	8.0	0.001	0.04	0.71	7.6	1.3	0.4	42.6	<0.01	0.11	3.3
CC135679		0.24	31.1	610	16.6	8.2	0.001	0.05	0.54	6.0	1.5	0.4	41.3	<0.01	0.06	2.0
CC135680		0.30	30.5	770	14.2	7.9	0.001	0.06	0.59	5.2	1.8	0.4	53.1	<0.01	0.05	1.4
CC135681		0.28	35.6	760	15.0	8.4	0.001	0.06	0.67	6.5	1.5	0.4	52.7	<0.01	0.07	1.8
CC135682		0.25	25.8	680	13.1	5.8	0.001	0.07	0.59	4.2	1.2	0.3	60.4	<0.01	0.05	1.1
CC135683		0.26	23.7	850	12.2	6.0	0.001	0.09	0.62	4.2	1.3	0.3	64.5	<0.01	0.04	1.1
CC135684		0.26	32.9	700	17.9	6.7	0.001	0.04	0.55	7.1	1.0	0.3	38.3	<0.01	0.07	2.2
CC135685		0.24	30.2	880	14.9	8.4	0.001	0.07	0.52	5.8	1.4	0.3	55.4	<0.01	0.07	1.8
CC135686		0.21	27.6	680	15.0	7.0	0.001	0.07	0.42	5.5	1.2	0.3	33.2	<0.01	0.07	2.2
CC135687		0.27	26.0	790	16.9	7.1	0.001	0.06	0.51	5.1	1.2	0.3	43.1	<0.01	0.06	1.6
CC135688		0.27	29.0	750	15.2	6.8	0.001	0.05	0.67	5.5	1.3	0.3	43.8	<0.01	0.07	1.7
CC135689		0.25	28.4	800	12.2	7.4	0.001	0.08	0.58	5.1	1.3	0.3	59.5	<0.01	0.06	1.3

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
CC135676		0.010	0.21	1.45	60	0.12	12.35	84	1.4
CC135677		0.009	0.81	2.26	71	0.15	26.6	130	1.4
CC135678		0.005	0.24	1.21	57	0.06	14.95	103	3.4
CC135679		0.005	0.17	1.00	47	0.05	11.25	106	2.3
CC135680		0.005	0.18	1.30	45	0.05	14.80	106	2.0
CC135681		0.005	0.17	1.13	49	<0.05	14.85	126	2.6
CC135682		0.005	0.11	1.00	42	<0.05	10.80	92	1.8
CC135683		0.006	0.10	1.11	40	0.05	10.55	93	2.0
CC135684		0.005	0.11	1.10	52	<0.05	13.05	108	2.3
CC135685		<0.005	0.13	1.18	46	<0.05	11.60	129	2.7
CC135686		<0.005	0.12	1.05	49	<0.05	10.75	104	2.2
CC135687		0.005	0.13	0.96	48	0.12	12.00	111	1.9
CC135688		0.005	0.13	1.06	49	0.05	12.25	115	1.9
CC135689		0.005	0.13	1.12	44	<0.05	10.95	110	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125274

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

CERTIFICATE WH13125275

Project: NADALEEN
P.O. No.: SO13-10
This report is for 140 Soil samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
CC135690		0.39	0.007	0.22	1.72	17.4	<0.2	<10	480	0.82	0.20	1.27	0.46	21.1	14.4	28
CC135691		0.26	0.004	0.32	1.67	18.4	<0.2	<10	440	0.91	0.22	1.30	0.50	22.2	15.7	27
CC135692		0.45	0.005	0.33	1.83	22.8	<0.2	<10	430	0.99	0.26	0.93	0.50	25.6	18.0	30
CC135693		0.37	0.005	0.42	1.73	31.4	<0.2	<10	480	0.96	0.25	1.12	0.58	23.0	16.5	29
CC135694		0.31	0.004	0.38	1.43	25.4	<0.2	<10	430	0.74	0.21	1.43	0.50	16.65	12.9	23
CC135695		0.37	0.004	0.34	1.42	60.8	<0.2	<10	500	0.75	0.25	1.34	0.64	17.45	13.0	24
CC135696		0.28	0.003	0.27	1.22	17.6	<0.2	<10	580	0.59	0.17	1.86	0.33	11.70	11.0	20
CC135697		0.35	0.005	0.38	1.74	26.4	<0.2	<10	480	0.95	0.25	1.07	0.46	22.2	17.1	29
CC135698		0.33	0.006	0.48	1.53	37.2	<0.2	<10	540	1.08	0.21	1.27	0.73	21.6	14.5	26
CC135699		0.31	0.004	0.35	1.30	22.0	<0.2	<10	750	0.77	0.19	1.84	0.44	14.45	11.2	21
CC135700		0.39	0.003	0.26	1.40	20.1	<0.2	<10	500	0.82	0.23	0.48	0.31	16.75	12.4	23
CC135701		0.49	0.005	0.54	1.70	41.6	<0.2	<10	1070	1.05	0.25	1.12	0.58	19.75	13.2	27
CC135702		0.38	0.003	0.12	1.44	80.0	<0.2	<10	250	0.59	0.26	0.31	0.40	19.95	7.9	19
CC135703		0.35	0.003	0.15	1.79	36.6	<0.2	<10	240	0.53	0.25	0.24	0.19	28.8	7.0	28
ZZ78319		0.20	0.004	0.46	1.57	13.9	<0.2	<10	360	1.10	0.25	0.82	0.59	16.15	14.1	25
ZZ78320		0.13	0.003	0.28	1.28	13.7	<0.2	<10	410	0.83	0.19	2.16	0.86	12.55	12.3	21
ZZ78321		0.32	0.003	0.29	1.76	18.0	<0.2	<10	570	0.93	0.23	1.01	0.32	25.6	11.9	28
ZZ78322		0.21	0.004	0.33	1.24	27.9	<0.2	<10	310	0.67	0.16	2.40	0.66	15.35	9.2	20
ZZ78323		0.20	0.008	0.23	0.46	24.4	<0.2	<10	170	0.37	0.05	6.50	1.78	4.97	2.6	7
ZZ78324		0.15	0.005	0.44	1.17	192.5	<0.2	10	440	0.86	0.14	3.61	1.96	14.55	9.0	21
ZZ78325		0.40	0.004	0.35	1.75	37.2	<0.2	<10	320	1.07	0.28	0.51	1.07	29.6	19.2	28
ZZ78326		0.28	0.003	0.24	1.85	30.4	<0.2	<10	250	1.09	0.28	0.78	0.54	29.2	20.0	28
ZZ78327		0.35	0.003	0.33	1.73	42.7	<0.2	<10	280	1.01	0.26	3.10	0.56	25.2	14.4	27
ZZ78328		0.16	0.003	0.50	1.57	54.4	<0.2	<10	360	1.01	0.24	2.16	0.78	19.00	14.1	26
ZZ78329		0.30	0.003	0.24	1.82	29.1	<0.2	<10	280	1.12	0.29	1.02	0.50	25.6	18.1	28
ZZ78330		0.22	0.003	0.28	1.21	38.9	<0.2	10	230	0.79	0.20	2.54	0.93	15.65	11.4	20
ZZ78331		0.14	0.002	0.18	1.44	29.9	<0.2	10	260	0.68	0.20	2.26	0.54	15.65	14.2	21
ZZ78332		0.12	0.003	0.37	1.08	66.8	<0.2	10	310	0.77	0.20	2.29	0.69	12.80	10.6	19
ZZ78333		0.24	0.003	0.27	1.62	24.3	<0.2	<10	310	1.03	0.27	1.18	0.39	24.8	16.1	24
ZZ78334		0.31	0.006	0.29	1.59	35.2	<0.2	<10	330	0.92	0.25	1.33	0.57	24.3	18.3	25
ZZ78335		0.17	0.004	0.33	1.40	40.2	<0.2	10	510	0.82	0.20	2.28	0.63	16.80	11.7	22
ZZ78336		0.15	0.004	0.32	1.50	37.5	<0.2	<10	410	0.93	0.22	1.82	0.45	18.55	9.6	24
ZZ78337		0.39	0.003	0.24	1.43	26.2	<0.2	<10	380	1.15	0.26	0.38	0.50	22.8	15.1	25
ZZ78338		0.21	0.004	0.18	1.87	13.4	<0.2	<10	460	0.93	0.25	1.25	0.46	25.4	15.2	26
ZZ78339		0.43	0.001	0.14	1.69	34.1	<0.2	<10	290	0.59	0.24	0.13	0.22	27.1	10.3	27
ZZ78340		0.19	0.004	0.22	1.28	74.8	<0.2	<10	530	0.85	0.20	1.42	0.56	17.80	8.0	22
ZZ78341		0.19	0.005	0.45	1.31	173.5	<0.2	<10	520	0.96	0.22	1.65	0.85	16.55	21.5	22
ZZ78342		0.13	0.004	0.37	1.32	48.5	<0.2	10	430	0.84	0.20	2.09	0.89	17.40	12.2	22
ZZ78343		0.34	0.004	0.42	1.69	36.8	<0.2	<10	300	0.94	0.25	0.76	0.60	26.3	15.6	28
ZZ78344		0.28	0.003	0.33	1.50	34.8	<0.2	<10	370	0.83	0.27	1.29	0.50	23.2	17.5	25

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
CC135690		1.24	57.9	3.41	4.96	0.06	0.06	0.19	0.033	0.10	10.2	27.5	0.75	554	1.05	0.01
CC135691		1.51	66.2	3.33	5.22	0.06	0.08	0.22	0.035	0.10	10.4	28.8	0.74	572	1.15	0.01
CC135692		1.80	66.1	3.68	5.88	0.07	0.08	0.25	0.041	0.11	12.3	32.8	0.77	602	1.26	<0.01
CC135693		2.27	68.7	3.47	5.46	0.06	0.08	0.29	0.041	0.11	11.3	30.1	0.72	499	1.34	<0.01
CC135694		2.38	46.2	2.85	4.33	<0.05	0.07	0.26	0.031	0.10	7.8	24.5	0.59	399	1.00	<0.01
CC135695		3.51	42.1	2.77	4.28	0.05	0.09	0.46	0.038	0.09	8.3	23.0	0.49	475	1.24	0.01
CC135696		0.98	36.0	2.40	3.79	<0.05	0.06	0.19	0.025	0.07	5.2	16.3	0.45	529	0.87	<0.01
CC135697		1.32	72.3	4.03	5.39	0.06	0.07	0.21	0.039	0.10	10.8	27.1	0.75	454	1.67	<0.01
CC135698		1.34	60.0	3.41	4.62	0.07	0.08	0.52	0.039	0.09	13.4	23.7	0.60	439	1.89	0.01
CC135699		0.80	46.2	2.75	3.88	0.05	0.05	0.20	0.029	0.07	7.5	19.1	0.51	419	1.34	0.01
CC135700		0.98	34.2	3.34	4.33	<0.05	0.05	0.08	0.035	0.06	7.8	25.4	0.49	351	1.78	<0.01
CC135701		1.22	42.6	3.47	5.10	<0.05	0.05	0.25	0.042	0.08	9.2	22.8	0.47	566	2.09	0.01
CC135702		1.62	23.9	2.30	5.78	<0.05	0.02	0.13	0.031	0.06	9.5	13.7	0.20	218	1.91	<0.01
CC135703		1.57	15.4	2.67	6.78	0.05	0.02	1.41	0.031	0.05	14.1	20.8	0.37	219	1.38	0.01
ZZ78319		1.46	40.4	3.04	4.78	0.05	0.06	0.20	0.040	0.10	7.0	28.5	0.47	721	1.56	0.01
ZZ78320		0.94	48.0	2.63	3.69	0.05	0.06	0.20	0.029	0.08	5.9	24.0	0.48	580	1.01	0.01
ZZ78321		1.03	34.0	3.00	5.43	0.06	0.05	0.12	0.035	0.07	13.0	20.6	0.47	398	1.52	0.01
ZZ78322		0.81	29.3	2.23	3.76	<0.05	0.05	0.25	0.026	0.05	8.6	15.2	0.36	380	1.46	0.01
ZZ78323		0.53	37.0	0.60	1.89	<0.05	0.05	0.52	0.008	0.02	6.5	2.8	0.08	194	0.48	0.01
ZZ78324		0.92	35.8	2.46	3.28	0.05	0.05	1.82	0.023	0.07	10.6	11.6	0.29	486	1.43	0.01
ZZ78325		1.07	49.9	4.15	5.39	0.07	0.10	0.41	0.033	0.10	15.6	30.5	0.64	684	2.19	0.01
ZZ78326		1.25	50.0	4.19	5.61	0.06	0.10	0.25	0.031	0.12	14.1	34.0	0.69	699	1.97	0.01
ZZ78327		1.11	39.6	3.69	5.07	0.05	0.09	0.28	0.033	0.10	14.0	29.0	0.58	464	3.56	0.01
ZZ78328		1.15	38.6	3.35	4.67	0.05	0.08	0.39	0.031	0.10	11.7	24.2	0.49	570	3.25	0.01
ZZ78329		0.84	33.4	3.93	5.66	0.05	0.08	0.21	0.028	0.10	12.0	30.4	0.61	680	2.07	0.01
ZZ78330		1.19	33.1	2.82	3.56	0.05	0.06	0.29	0.026	0.08	10.6	17.0	0.39	492	2.40	0.01
ZZ78331		0.90	41.4	3.16	4.21	<0.05	0.07	0.14	0.027	0.08	6.3	22.1	0.57	469	1.39	0.01
ZZ78332		1.55	29.4	2.68	3.11	<0.05	0.05	0.25	0.028	0.08	7.2	14.9	0.31	473	1.09	0.01
ZZ78333		0.88	47.6	3.79	4.95	0.05	0.08	0.21	0.032	0.09	13.0	31.4	0.59	502	1.29	0.01
ZZ78334		1.19	57.8	3.70	4.90	0.05	0.07	0.21	0.032	0.11	12.0	30.3	0.69	680	1.27	0.01
ZZ78335		0.93	45.0	2.98	4.14	0.05	0.06	0.26	0.027	0.09	8.2	19.1	0.54	486	1.15	0.01
ZZ78336		0.98	47.5	3.09	4.44	0.05	0.06	0.26	0.029	0.08	9.4	20.8	0.53	206	1.40	0.01
ZZ78337		0.97	33.2	3.58	4.41	0.05	0.04	0.39	0.033	0.08	11.1	17.7	0.40	645	2.09	0.01
ZZ78338		0.98	46.2	3.61	5.61	0.05	0.09	0.10	0.029	0.13	13.4	35.5	0.64	595	0.86	0.01
ZZ78339		1.20	17.9	3.14	6.22	<0.05	0.03	0.06	0.030	0.06	12.5	20.3	0.44	313	1.57	0.01
ZZ78340		1.13	28.7	2.44	4.03	<0.05	0.07	0.33	0.026	0.06	9.2	15.2	0.33	322	1.01	0.01
ZZ78341		1.11	44.0	5.03	3.99	0.05	0.06	0.32	0.027	0.08	7.9	16.8	0.42	1480	3.52	0.01
ZZ78342		0.86	46.2	2.89	3.95	<0.05	0.05	0.29	0.026	0.08	9.3	18.1	0.53	623	1.27	0.01
ZZ78343		1.27	71.3	4.04	5.51	0.06	0.10	0.27	0.032	0.13	12.9	29.1	0.86	422	1.92	0.01
ZZ78344		0.99	49.8	3.68	4.73	<0.05	0.07	0.20	0.032	0.09	11.0	26.2	0.67	632	1.80	0.01

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VANCOUVER BC V6B 1L8

Project: NADALEEN

Finalized Date: 3-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
CC135690		0.24	33.2	570	14.3	7.7	0.001	0.05	0.63	6.0	1.1	0.4	43.1	<0.01	0.07	2.1
CC135691		0.25	34.3	710	14.7	9.0	0.002	0.06	0.74	6.3	1.0	0.4	50.4	<0.01	0.08	1.9
CC135692		0.24	37.1	690	17.9	9.8	0.001	0.04	0.64	7.7	1.2	0.4	41.3	<0.01	0.08	2.6
CC135693		0.27	37.9	700	16.6	10.3	0.001	0.05	0.73	7.2	1.7	0.4	48.0	<0.01	0.07	2.3
CC135694		0.22	29.4	670	13.9	10.3	0.002	0.07	0.60	5.1	1.2	0.4	55.1	<0.01	0.07	1.7
CC135695		0.32	30.7	780	17.7	11.0	0.002	0.07	0.80	5.1	1.1	0.4	62.5	<0.01	0.08	1.8
CC135696		0.25	23.9	800	11.4	7.9	0.001	0.09	0.52	3.8	0.8	0.4	65.4	<0.01	0.07	1.0
CC135697		0.25	41.4	580	17.5	8.4	0.001	0.04	0.75	7.9	1.4	0.4	41.4	<0.01	0.09	2.4
CC135698		0.28	37.5	560	25.6	8.4	0.001	0.05	1.11	7.1	1.5	0.4	41.3	<0.01	0.08	2.3
CC135699		0.33	30.3	700	14.4	6.2	0.001	0.07	0.85	3.8	1.5	0.4	57.6	<0.01	0.06	1.1
CC135700		0.24	35.8	420	14.3	7.1	0.001	0.02	0.66	4.9	1.1	0.4	23.7	<0.01	0.06	2.7
CC135701		0.36	37.7	690	22.4	10.3	<0.001	0.04	1.02	4.8	1.4	0.5	41.7	<0.01	0.08	2.0
CC135702		0.44	23.6	550	17.7	11.2	<0.001	0.02	0.71	2.9	0.7	0.7	18.0	<0.01	0.05	1.7
CC135703		1.02	19.4	390	14.6	11.5	<0.001	0.01	0.53	3.0	0.5	0.8	15.7	<0.01	0.04	2.1
ZZ78319		0.27	39.0	810	17.9	13.7	0.001	0.07	0.74	5.8	1.5	0.5	44.4	<0.01	0.06	2.5
ZZ78320		0.25	41.9	680	14.2	8.6	0.002	0.09	0.70	4.0	2.3	0.4	78.7	<0.01	0.04	1.2
ZZ78321		0.78	31.0	700	15.7	8.6	<0.001	0.04	0.65	4.7	1.2	0.5	35.0	<0.01	0.06	2.0
ZZ78322		0.51	26.3	760	20.4	7.0	0.002	0.08	0.75	3.0	1.2	0.4	41.6	<0.01	0.04	0.8
ZZ78323		0.17	16.6	870	18.2	2.9	0.001	0.15	0.86	0.4	2.1	<0.2	47.2	<0.01	0.02	<0.2
ZZ78324		0.38	26.9	890	42.2	7.0	0.003	0.11	0.99	2.0	3.1	0.3	48.5	<0.01	0.06	0.4
ZZ78325		0.43	44.5	600	31.1	7.9	<0.001	0.01	0.94	6.3	1.5	0.4	24.2	<0.01	0.07	4.6
ZZ78326		0.42	40.8	640	29.8	8.3	<0.001	0.02	0.80	6.1	1.3	0.4	28.9	<0.01	0.06	4.0
ZZ78327		0.44	41.7	530	28.3	8.0	0.001	0.02	0.78	5.5	1.2	0.4	41.6	<0.01	0.07	3.6
ZZ78328		0.45	43.1	810	24.3	8.1	0.002	0.06	0.79	4.3	2.6	0.4	45.6	<0.01	0.06	1.5
ZZ78329		0.61	36.2	460	24.7	7.2	0.001	0.02	0.66	4.8	1.1	0.5	27.9	<0.01	0.07	3.3
ZZ78330		0.36	31.6	870	20.3	6.2	0.001	0.07	0.72	2.8	1.9	0.3	42.5	<0.01	0.04	0.9
ZZ78331		0.24	28.0	520	18.8	7.1	0.001	0.07	0.65	3.1	1.2	0.3	45.0	<0.01	0.06	1.0
ZZ78332		0.30	30.6	820	18.0	8.9	0.003	0.10	0.60	3.0	2.1	0.4	39.1	<0.01	0.06	0.9
ZZ78333		0.41	33.6	570	20.9	7.0	<0.001	0.03	0.67	5.4	1.1	0.4	42.1	<0.01	0.07	2.7
ZZ78334		0.36	36.6	740	20.4	7.0	0.001	0.04	0.72	5.6	1.5	0.3	50.7	<0.01	0.08	2.3
ZZ78335		0.31	27.7	770	15.0	7.0	0.002	0.08	0.74	3.5	2.1	0.3	54.0	<0.01	0.06	0.9
ZZ78336		0.38	30.0	770	17.2	7.6	0.002	0.07	0.82	4.1	1.8	0.3	38.9	<0.01	0.05	1.2
ZZ78337		0.61	35.6	540	24.7	7.9	<0.001	0.01	1.00	5.3	1.0	0.5	21.2	<0.01	0.05	3.7
ZZ78338		0.39	29.1	610	17.0	9.9	<0.001	0.04	0.53	4.6	1.0	0.3	39.6	<0.01	0.03	2.4
ZZ78339		1.06	23.9	410	16.8	10.6	<0.001	0.01	0.59	3.3	0.5	0.6	13.0	<0.01	0.04	3.2
ZZ78340		0.55	25.4	810	19.1	8.0	0.001	0.07	0.86	3.6	1.2	0.4	31.2	<0.01	0.04	1.3
ZZ78341		0.38	35.4	830	16.1	7.9	0.003	0.08	1.03	4.3	2.6	0.4	34.3	<0.01	0.08	1.3
ZZ78342		0.33	32.0	760	17.5	6.5	0.002	0.06	0.81	3.8	1.9	0.3	46.5	<0.01	0.08	1.0
ZZ78343		0.30	41.6	710	19.9	7.6	0.001	0.02	0.88	7.1	1.5	0.4	32.8	<0.01	0.08	3.5
ZZ78344		0.31	35.1	810	21.1	6.4	0.001	0.04	0.82	4.9	1.3	0.4	41.2	<0.01	0.09	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
CC135690	0.005	0.15	1.03	51	0.05	11.35	110	2.1
CC135691	0.005	0.19	1.30	46	0.05	13.75	103	2.8
CC135692	<0.005	0.24	1.44	52	0.05	15.10	116	2.6
CC135693	0.005	0.34	1.56	49	0.08	15.25	121	2.7
CC135694	<0.005	0.28	1.16	41	0.06	10.35	109	2.4
CC135695	0.005	0.59	1.74	40	0.11	13.35	106	2.5
CC135696	<0.005	0.15	0.69	37	0.05	7.77	97	1.9
CC135697	0.005	0.17	0.91	56	0.06	14.80	115	2.3
CC135698	0.005	0.23	1.62	53	0.09	20.9	138	2.5
CC135699	0.005	0.15	2.47	42	0.06	11.50	94	1.6
CC135700	<0.005	0.12	0.61	38	0.11	9.60	104	1.4
CC135701	0.005	0.22	1.31	55	0.10	10.10	110	1.4
CC135702	0.006	0.27	0.81	52	0.15	6.80	88	0.5
CC135703	0.020	0.24	0.83	62	0.27	5.62	66	0.5
ZZ78319	<0.005	0.21	1.62	39	<0.05	14.40	114	1.6
ZZ78320	<0.005	0.14	2.27	33	0.07	14.30	104	1.8
ZZ78321	0.011	0.16	1.70	54	0.69	12.90	80	1.4
ZZ78322	0.008	0.15	1.91	37	0.14	12.25	90	1.5
ZZ78323	<0.005	0.27	2.66	11	<0.05	21.8	121	1.6
ZZ78324	0.005	0.31	4.63	38	0.15	23.4	174	1.3
ZZ78325	0.008	0.39	0.72	50	0.09	15.75	203	3.5
ZZ78326	0.006	0.23	0.82	47	0.06	13.60	129	3.5
ZZ78327	0.007	0.35	0.90	47	0.12	16.60	144	2.8
ZZ78328	<0.005	0.40	2.81	46	0.10	21.3	158	2.4
ZZ78329	0.007	0.19	0.69	46	0.09	10.50	114	2.5
ZZ78330	<0.005	0.24	1.66	34	0.08	17.15	128	1.7
ZZ78331	<0.005	0.13	1.98	34	<0.05	5.45	121	2.2
ZZ78332	<0.005	0.24	1.21	32	0.05	15.70	129	1.4
ZZ78333	0.005	0.15	0.78	39	0.07	14.60	101	2.7
ZZ78334	0.006	0.16	0.85	42	0.06	13.50	114	2.3
ZZ78335	0.005	0.14	1.88	39	0.05	12.40	116	1.7
ZZ78336	0.005	0.18	2.45	43	0.06	13.55	112	1.9
ZZ78337	0.009	0.21	0.87	47	0.12	12.25	135	1.4
ZZ78338	0.007	0.08	1.06	39	0.09	11.90	82	2.6
ZZ78339	0.018	0.20	0.63	66	0.17	4.25	84	1.2
ZZ78340	0.005	0.29	1.97	51	0.11	14.30	128	1.7
ZZ78341	0.005	0.25	2.19	48	0.10	13.95	130	1.7
ZZ78342	<0.005	0.20	1.55	41	0.07	13.95	121	1.6
ZZ78343	0.006	0.18	0.71	54	0.08	13.75	143	3.2
ZZ78344	0.005	0.16	1.58	46	0.06	12.05	119	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78345	0.19	0.004	0.35	1.33	72.0	<0.2	10	490	0.85	0.20	2.38	0.51	16.20	12.3	22
ZZ78346	0.21	0.004	0.42	1.49	105.0	<0.2	<10	440	0.86	0.22	1.63	0.83	19.40	15.0	25
ZZ78347	0.15	0.003	0.41	0.95	75.5	<0.2	10	270	0.74	0.18	2.76	0.76	11.30	9.2	17
ZZ78348	0.21	0.003	0.18	1.65	39.9	<0.2	<10	210	0.95	0.25	1.82	1.52	24.2	10.0	31
ZZ78349	0.17	0.006	0.43	1.28	86.0	<0.2	<10	230	0.78	0.19	2.92	1.21	20.4	9.5	25
ZZ78350	0.08	0.002	0.16	0.57	11.4	<0.2	<10	220	0.25	0.11	4.59	3.94	7.08	4.4	10
ZZ78351	0.21	0.004	0.50	1.75	79.6	<0.2	<10	290	0.98	0.23	1.26	0.84	26.6	11.8	31
ZZ78352	0.14	0.003	0.41	1.13	144.5	<0.2	<10	230	0.70	0.16	3.66	2.38	18.45	8.1	25
ZZ78353	0.12	0.004	0.33	1.29	40.9	<0.2	<10	330	0.83	0.17	3.36	1.87	17.40	8.8	20
ZZ78354	0.19	0.002	0.25	2.22	43.7	<0.2	<10	400	0.65	0.26	0.96	1.30	22.0	8.3	35
ZZ78355	0.24	0.001	0.07	1.82	15.3	<0.2	<10	280	0.32	0.18	0.26	0.43	22.3	8.0	24
ZZ78356	0.25	0.004	0.45	1.58	36.1	<0.2	<10	350	1.07	0.23	2.12	0.58	19.45	11.9	29
ZZ78357	0.19	0.005	0.50	1.62	12.7	<0.2	<10	390	1.06	0.26	0.68	0.48	14.65	10.6	25
ZZ78358	0.16	0.004	0.32	1.43	14.2	<0.2	<10	390	0.88	0.24	1.05	0.49	13.80	11.5	23
ZZ78359	0.26	0.003	0.25	1.65	57.4	<0.2	10	340	0.88	0.24	1.29	1.30	26.5	16.7	28
ZZ78360	0.38	0.004	0.27	1.64	79.2	<0.2	<10	340	0.99	0.24	2.09	0.83	26.7	18.4	30
ZZ78361	0.17	0.004	0.38	1.59	102.5	<0.2	<10	640	1.05	0.22	1.81	0.65	20.6	10.2	27
ZZ78362	0.35	0.004	0.34	1.21	41.7	<0.2	<10	280	0.81	0.21	3.10	0.82	22.4	14.1	23
ZZ78363	0.14	0.004	0.45	1.19	98.6	<0.2	<10	520	0.94	0.20	2.49	1.02	18.30	11.0	26
ZZ78364	0.14	0.004	0.19	0.84	55.3	<0.2	10	410	0.53	0.13	4.13	1.66	11.75	5.5	15
ZZ78365	0.15	0.004	0.12	0.86	15.0	<0.2	<10	330	0.32	0.21	2.29	0.44	11.60	2.5	14
ZZ78366	0.11	0.006	0.62	1.20	174.5	<0.2	10	660	1.02	0.20	3.79	1.00	15.15	9.7	27
ZZ78367	0.32	0.005	0.87	1.95	87.9	<0.2	<10	450	1.28	0.24	0.88	0.64	34.7	16.2	36
ZZ78368	0.30	0.004	0.44	1.43	46.5	<0.2	<10	470	1.18	0.25	0.70	0.43	24.2	14.8	27
ZZ78369	0.36	0.003	0.10	1.44	36.3	<0.2	<10	440	0.79	0.24	0.94	0.45	20.9	15.1	24
ZZ78370	0.08	0.003	0.16	0.93	42.5	<0.2	<10	400	0.81	0.17	2.64	0.55	9.82	8.0	15
ZZ78371	0.21	0.005	0.21	1.71	38.9	<0.2	10	410	0.86	0.22	2.06	0.61	24.3	21.5	28
ZZ78372	0.33	0.004	0.26	2.04	29.3	<0.2	<10	320	1.03	0.27	0.83	0.54	34.5	23.3	33
ZZ78373	0.17	0.003	0.12	1.16	30.0	<0.2	<10	390	0.47	0.27	1.51	0.34	15.25	7.5	21
ZZ78374	0.36	0.004	0.27	1.29	134.5	<0.2	<10	380	1.04	0.24	1.08	0.97	20.0	13.7	23
ZZ78375	0.28	0.003	0.06	1.78	16.5	<0.2	<10	200	1.06	0.30	0.23	0.32	29.9	14.3	31
ZZ78376	0.20	0.005	0.55	1.80	13.7	<0.2	<10	390	1.04	0.30	0.30	0.33	15.00	16.4	25
ZZ78377	0.11	0.004	0.36	1.55	10.1	<0.2	<10	320	0.88	0.27	0.48	0.40	12.75	15.3	23
ZZ78378	0.18	0.001	0.07	1.58	36.7	<0.2	<10	180	0.72	0.21	2.25	0.76	13.45	7.9	34
ZZ78379	0.21	0.001	0.11	2.33	68.5	<0.2	<10	250	1.00	0.28	1.50	2.59	39.3	17.4	43
ZZ78380	0.28	0.004	0.68	1.29	221	<0.2	<10	150	0.81	0.23	7.79	7.61	28.1	11.8	33
ZZ78381	0.10	0.003	0.23	1.34	116.5	<0.2	<10	210	0.65	0.20	3.37	1.97	18.80	8.6	27
ZZ78382	0.13	0.003	0.26	1.23	52.6	<0.2	<10	340	0.68	0.17	3.40	0.88	16.20	9.1	22
ZZ78383	0.13	0.003	0.28	1.25	30.1	<0.2	<10	780	0.60	0.17	3.52	0.63	13.30	8.4	21
ZZ78384	0.31	0.001	0.35	1.67	39.7	<0.2	<10	470	0.92	0.24	1.76	0.73	25.1	17.9	29

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VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78345		1.05	44.1	2.87	4.00	<0.05	0.06	0.28	0.027	0.08	7.4	16.8	0.47	625	1.47	0.01
ZZ78346		1.02	47.0	3.37	4.60	<0.05	0.06	0.23	0.028	0.09	9.4	21.0	0.58	516	1.22	0.01
ZZ78347		1.59	25.5	2.33	2.76	<0.05	0.05	0.30	0.027	0.07	6.9	13.0	0.28	444	1.48	0.01
ZZ78348		1.13	16.3	2.81	5.34	<0.05	0.03	0.22	0.030	0.05	18.5	13.6	0.34	504	1.21	0.01
ZZ78349		0.94	23.8	2.38	3.79	0.05	0.05	0.57	0.025	0.07	16.0	14.1	0.35	424	1.75	0.01
ZZ78350		0.48	12.0	1.15	2.01	<0.05	0.03	0.10	0.011	0.02	3.9	4.7	0.16	519	0.41	0.01
ZZ78351		1.15	30.7	3.28	5.17	0.05	0.06	0.70	0.032	0.08	16.9	20.3	0.51	475	1.99	0.01
ZZ78352		0.95	23.3	2.17	3.29	0.07	0.05	0.45	0.028	0.06	22.2	10.4	0.28	500	1.20	0.01
ZZ78353		0.70	27.0	2.34	3.53	<0.05	0.06	0.29	0.025	0.06	13.2	11.4	0.31	652	1.05	0.01
ZZ78354		2.17	16.2	3.00	7.13	<0.05	0.04	0.09	0.035	0.06	11.0	18.4	0.40	291	3.26	0.01
ZZ78355		0.96	8.3	2.55	6.89	<0.05	0.03	0.04	0.025	0.02	11.3	18.1	0.32	287	1.99	<0.01
ZZ78356		0.78	36.2	3.42	4.75	0.05	0.05	0.25	0.034	0.08	16.4	19.0	0.61	541	1.50	0.01
ZZ78357		1.36	34.5	3.02	4.95	<0.05	0.07	0.20	0.034	0.11	6.1	30.1	0.42	331	1.54	0.01
ZZ78358		0.90	32.2	3.03	4.45	<0.05	0.06	0.16	0.032	0.09	5.5	22.7	0.45	517	1.50	0.01
ZZ78359		1.07	73.7	3.55	5.32	0.06	0.07	0.36	0.030	0.09	14.0	26.5	0.77	947	1.08	0.01
ZZ78360		1.43	65.2	3.76	5.06	0.07	0.07	0.28	0.033	0.11	16.1	27.3	1.00	661	1.20	0.01
ZZ78361		1.17	35.2	3.10	4.67	0.05	0.06	0.26	0.033	0.08	12.0	20.5	0.44	337	1.37	0.01
ZZ78362		1.48	51.5	3.16	3.77	0.05	0.05	0.35	0.029	0.09	11.4	21.6	1.51	603	1.49	0.01
ZZ78363		2.38	45.7	2.45	3.44	0.06	0.05	0.53	0.027	0.08	14.8	16.1	0.39	531	0.96	0.01
ZZ78364		1.25	22.8	1.40	2.57	0.06	0.03	0.26	0.016	0.05	16.0	6.4	0.18	495	0.71	0.01
ZZ78365		1.66	8.9	0.91	3.78	<0.05	0.03	0.10	0.018	0.03	6.2	2.3	0.07	172	0.53	0.01
ZZ78366		2.78	41.2	2.05	3.28	0.06	0.06	0.78	0.030	0.08	16.4	10.1	0.27	306	1.51	0.01
ZZ78367		1.48	51.5	3.70	5.15	0.06	0.07	0.49	0.037	0.10	18.9	24.7	0.60	532	1.82	0.01
ZZ78368		2.80	30.4	3.50	3.97	0.05	0.04	0.22	0.041	0.08	12.5	22.8	0.35	408	1.48	0.01
ZZ78369		1.36	45.4	3.67	4.66	<0.05	0.05	0.14	0.035	0.09	10.0	23.7	0.61	445	1.55	0.01
ZZ78370		0.80	30.8	2.15	2.68	<0.05	0.05	0.16	0.026	0.06	4.6	12.1	0.29	278	0.97	0.01
ZZ78371		1.63	81.8	3.85	5.30	0.06	0.10	0.27	0.030	0.13	12.8	28.0	0.98	714	1.18	0.01
ZZ78372		1.88	83.1	4.60	6.44	0.06	0.10	0.20	0.035	0.13	16.7	36.5	1.05	742	1.24	0.01
ZZ78373		0.82	22.1	2.52	4.53	<0.05	0.03	0.11	0.029	0.07	7.5	11.5	0.25	276	1.53	0.01
ZZ78374		1.11	39.6	3.13	3.72	0.05	0.05	1.09	0.036	0.11	10.9	19.7	0.38	440	1.96	0.01
ZZ78375		1.65	26.0	3.43	5.31	0.05	0.06	0.05	0.038	0.09	13.9	35.5	0.50	595	1.78	0.01
ZZ78376		2.83	24.0	3.25	4.94	0.05	0.08	0.25	0.036	0.10	6.2	38.5	0.34	317	1.25	0.01
ZZ78377		1.73	24.6	3.08	4.53	<0.05	0.04	0.11	0.033	0.08	4.8	28.4	0.34	463	1.38	0.01
ZZ78378		1.61	13.0	2.65	4.67	<0.05	0.03	0.09	0.032	0.06	10.3	13.1	0.26	367	1.09	0.01
ZZ78379		1.92	15.6	3.61	5.62	0.06	0.04	0.22	0.043	0.06	23.4	20.6	0.36	590	1.73	0.01
ZZ78380		1.41	21.9	2.84	3.80	0.07	0.04	3.36	0.030	0.08	27.6	15.1	0.45	531	1.22	0.01
ZZ78381		1.26	21.7	2.25	3.82	0.05	0.05	0.80	0.024	0.05	16.5	11.0	0.29	500	1.04	0.01
ZZ78382		0.87	42.9	2.32	3.61	<0.05	0.04	0.42	0.021	0.06	10.3	12.6	0.39	440	0.94	0.01
ZZ78383		0.78	37.1	2.44	3.53	<0.05	0.05	0.24	0.023	0.07	7.1	14.5	0.44	377	1.06	0.01
ZZ78384		1.23	65.3	3.81	4.97	0.05	0.08	0.32	0.032	0.12	12.2	26.8	0.99	672	1.55	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78345	0.34	28.4	730	16.1	7.5	0.004	0.09	0.83	3.4	2.7	0.3	38.3	<0.01	0.06	0.8
ZZ78346	0.29	35.1	660	19.0	6.4	0.001	0.05	0.72	4.6	1.6	0.4	35.1	<0.01	0.06	1.4
ZZ78347	0.29	28.3	870	20.1	9.1	0.002	0.10	0.57	2.4	1.8	0.3	39.0	<0.01	0.05	0.7
ZZ78348	0.90	21.5	690	19.1	7.3	<0.001	0.04	0.54	3.3	1.3	0.6	26.5	<0.01	0.05	1.2
ZZ78349	0.66	29.0	910	28.7	6.4	0.001	0.08	0.74	2.6	1.9	0.4	38.6	<0.01	0.06	0.8
ZZ78350	0.57	8.2	600	8.9	3.1	0.001	0.12	0.32	0.9	1.1	0.3	62.7	0.01	0.03	0.3
ZZ78351	0.75	34.9	410	130.0	7.7	0.001	0.03	1.00	5.3	1.3	0.5	22.8	<0.01	0.06	2.2
ZZ78352	0.46	26.6	1080	37.5	6.4	0.002	0.09	1.04	2.6	2.4	0.3	39.9	<0.01	0.05	0.7
ZZ78353	0.45	24.0	850	18.0	7.3	0.001	0.09	0.56	2.5	2.5	0.3	38.1	<0.01	0.07	0.7
ZZ78354	0.87	29.5	450	27.9	11.1	0.001	0.03	0.53	4.2	1.0	0.8	23.4	<0.01	0.05	2.1
ZZ78355	0.70	16.0	160	14.1	5.7	<0.001	0.01	0.32	3.1	0.5	0.7	9.9	<0.01	0.05	2.1
ZZ78356	0.42	32.4	580	20.0	7.7	0.001	0.04	0.76	4.3	1.3	0.4	34.7	<0.01	0.07	1.0
ZZ78357	0.35	34.3	860	17.0	12.8	0.001	0.06	0.61	5.5	1.4	0.5	39.2	<0.01	0.05	2.1
ZZ78358	0.33	32.3	760	17.5	9.4	<0.001	0.06	0.70	4.5	1.4	0.5	44.1	<0.01	0.07	1.9
ZZ78359	0.47	37.0	760	18.3	7.2	<0.001	0.04	0.67	6.0	1.2	0.4	36.9	<0.01	0.08	2.3
ZZ78360	0.31	35.1	900	18.9	8.0	0.001	0.04	0.67	7.0	1.5	0.3	47.9	<0.01	0.09	2.5
ZZ78361	0.47	27.4	880	17.5	7.8	<0.001	0.07	0.68	5.6	1.4	0.4	53.3	<0.01	0.07	1.5
ZZ78362	0.34	33.0	710	20.6	6.7	0.001	0.03	0.92	5.7	1.1	0.3	55.9	<0.01	0.05	2.4
ZZ78363	0.42	33.5	800	15.3	8.8	0.001	0.09	0.76	3.4	2.2	0.4	39.3	<0.01	0.06	0.7
ZZ78364	0.35	13.8	1090	9.2	6.8	<0.001	0.19	0.55	1.3	1.7	0.2	35.1	<0.01	0.04	0.2
ZZ78365	0.51	5.6	1030	13.2	3.9	<0.001	0.12	0.22	1.8	0.4	0.5	26.1	<0.01	0.03	0.3
ZZ78366	0.50	40.1	1060	11.7	7.3	0.001	0.12	1.15	2.2	3.4	0.4	53.9	<0.01	0.07	0.4
ZZ78367	0.55	47.9	930	21.0	11.7	0.001	0.02	0.93	7.2	1.8	0.5	29.9	<0.01	0.06	4.0
ZZ78368	0.54	41.1	860	18.3	12.9	<0.001	0.02	0.69	5.8	1.4	0.5	23.7	<0.01	0.06	3.5
ZZ78369	0.38	32.6	300	18.9	9.7	<0.001	0.02	0.65	4.9	1.1	0.4	21.2	<0.01	0.06	2.6
ZZ78370	0.26	27.7	840	10.2	7.7	0.001	0.11	0.73	2.5	1.1	0.3	48.5	<0.01	0.03	0.9
ZZ78371	0.19	37.7	740	18.1	7.9	<0.001	0.05	0.68	6.5	1.5	0.3	43.3	<0.01	0.08	2.3
ZZ78372	0.22	41.5	700	22.5	9.5	0.001	0.03	0.65	8.1	1.2	0.4	28.6	<0.01	0.10	3.5
ZZ78373	0.68	18.8	770	15.0	8.1	<0.001	0.06	0.71	2.8	0.9	0.5	30.2	<0.01	0.06	1.1
ZZ78374	0.33	39.7	1190	16.1	10.3	0.001	0.03	1.06	5.1	2.0	0.4	26.9	<0.01	0.07	2.9
ZZ78375	0.79	47.4	690	15.9	18.3	<0.001	0.03	0.80	4.4	1.4	0.6	17.2	<0.01	0.04	2.5
ZZ78376	0.24	44.2	950	19.9	22.6	0.002	0.05	0.34	5.5	4.6	0.6	33.3	<0.01	0.04	2.7
ZZ78377	0.30	32.2	980	18.3	18.0	0.002	0.08	0.44	4.5	2.2	0.5	47.0	<0.01	0.05	1.9
ZZ78378	0.57	21.8	750	16.4	14.1	<0.001	0.07	0.41	2.7	0.9	0.5	28.6	<0.01	0.05	0.8
ZZ78379	1.15	32.4	880	22.8	13.5	<0.001	0.06	0.73	4.6	1.8	0.6	25.3	<0.01	0.09	1.9
ZZ78380	0.44	36.9	1290	74.0	8.3	0.001	0.06	1.80	3.3	2.0	0.4	63.1	<0.01	0.11	1.0
ZZ78381	0.73	25.7	1090	15.6	7.2	<0.001	0.11	0.76	2.1	1.3	0.4	33.3	<0.01	0.05	0.5
ZZ78382	0.42	23.8	910	13.3	6.3	<0.001	0.11	0.85	1.8	1.2	0.3	36.9	<0.01	0.06	0.4
ZZ78383	0.34	19.8	900	12.5	6.9	<0.001	0.12	0.76	2.1	1.6	0.3	51.5	<0.01	0.05	0.4
ZZ78384	0.38	36.8	780	21.3	8.1	<0.001	0.04	0.82	6.3	1.4	0.4	40.7	<0.01	0.07	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78345		<0.005	0.14	2.15	40	0.05	12.05	105	1.5
ZZ78346		<0.005	0.16	1.16	45	0.06	12.55	138	1.7
ZZ78347		<0.005	0.27	1.36	29	0.07	15.55	146	1.3
ZZ78348		0.015	0.15	1.42	55	0.16	25.9	95	0.8
ZZ78349		0.009	0.34	1.62	41	0.18	28.4	152	1.5
ZZ78350		0.014	0.06	1.57	21	0.10	4.03	100	0.9
ZZ78351		0.009	0.31	0.83	52	0.16	23.9	181	1.8
ZZ78352		0.008	0.41	1.83	37	0.11	45.5	245	1.4
ZZ78353		0.006	0.13	3.52	36	0.08	22.2	99	1.5
ZZ78354		0.009	0.40	1.66	79	0.23	7.13	149	1.2
ZZ78355		0.008	0.20	0.32	70	0.18	2.10	91	0.9
ZZ78356		0.006	0.16	1.13	51	0.18	29.8	119	1.2
ZZ78357		<0.005	0.20	1.38	41	0.07	13.65	115	1.6
ZZ78358		<0.005	0.16	1.25	41	<0.05	10.40	116	1.6
ZZ78359		0.009	0.19	1.03	49	0.10	15.90	134	2.2
ZZ78360		0.007	0.19	0.74	51	0.07	22.0	130	2.2
ZZ78361		0.006	0.31	2.80	54	0.11	20.4	95	1.9
ZZ78362		0.008	0.23	0.86	45	0.10	15.85	128	1.8
ZZ78363		0.006	0.51	1.39	43	0.24	26.0	136	1.5
ZZ78364		0.008	0.23	3.06	29	0.12	29.5	105	1.1
ZZ78365		0.014	0.18	0.90	31	0.13	4.38	21	0.8
ZZ78366		0.005	1.07	3.40	44	0.36	38.8	143	1.8
ZZ78367		0.008	0.33	1.20	68	0.14	28.6	127	2.3
ZZ78368		0.007	0.22	1.07	42	0.19	19.25	131	1.0
ZZ78369		0.006	0.18	0.57	47	0.09	8.60	110	1.9
ZZ78370		<0.005	0.11	1.24	25	0.05	10.70	88	1.4
ZZ78371		<0.005	0.19	1.11	49	0.11	15.00	113	3.2
ZZ78372		0.006	0.15	0.75	57	0.06	14.55	117	2.9
ZZ78373		0.011	0.13	0.91	51	0.17	4.69	98	0.8
ZZ78374		0.006	0.18	1.15	48	0.07	18.80	156	1.5
ZZ78375		0.015	0.17	1.36	52	0.20	12.45	138	1.4
ZZ78376		<0.005	0.30	1.01	46	0.05	16.45	108	1.6
ZZ78377		<0.005	0.19	1.05	36	0.06	9.62	101	1.1
ZZ78378		0.005	0.17	1.23	52	0.09	16.40	95	1.0
ZZ78379		0.015	0.22	1.25	64	0.24	32.4	235	1.2
ZZ78380		0.010	0.24	1.10	47	0.15	50.2	457	0.9
ZZ78381		0.012	0.24	1.52	44	0.14	28.2	118	1.4
ZZ78382		0.007	0.16	2.65	39	0.08	16.80	94	1.3
ZZ78383		0.005	0.14	2.48	37	0.06	9.80	89	1.7
ZZ78384		0.006	0.21	0.84	53	0.07	14.65	138	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78385		0.15	0.003	0.24	0.88	146.0	<0.2	<10	290	0.40	0.13	3.97	1.68	10.15	5.3	14
ZZ78386		0.18	0.004	0.68	0.90	312	<0.2	<10	280	0.57	0.16	3.15	1.51	12.80	7.7	21
ZZ78387		0.15	0.005	0.98	0.60	101.0	<0.2	10	690	0.64	0.14	3.12	1.99	11.00	5.5	19
ZZ78388		0.16	0.003	0.41	0.89	96.4	<0.2	<10	470	0.85	0.22	2.33	1.02	14.45	9.7	21
ZZ78389		0.17	0.005	0.48	0.96	70.5	<0.2	<10	550	0.65	0.16	3.54	1.15	13.45	9.4	20
ZZ78390		0.16	0.003	0.36	1.26	82.5	<0.2	<10	490	0.85	0.21	1.58	0.60	16.40	13.4	23
ZZ78391		0.21	0.003	0.25	1.47	38.7	<0.2	<10	510	0.87	0.21	1.42	0.47	21.4	13.4	25
ZZ78392		0.27	0.003	0.16	1.86	30.9	<0.2	<10	590	0.84	0.25	0.40	0.33	36.5	16.0	29
ZZ78393		0.14	0.004	0.29	1.13	32.8	<0.2	<10	740	0.66	0.17	2.77	0.68	17.15	9.1	20
ZZ78394		0.18	0.004	0.38	1.36	41.2	<0.2	<10	620	0.83	0.21	1.81	0.72	19.75	12.6	25
ZZ78395		0.12	0.004	0.27	0.82	20.7	<0.2	10	760	0.61	0.12	5.18	0.81	10.05	5.8	13
ZZ78396		0.16	0.006	0.29	1.24	22.4	<0.2	<10	710	0.66	0.19	2.59	1.01	16.15	11.5	21
ZZ78397		0.17	0.002	0.30	1.14	23.9	<0.2	<10	560	0.63	0.19	2.23	1.05	16.20	9.7	20
ZZ78398		0.21	0.003	0.33	1.26	21.3	<0.2	<10	530	0.65	0.20	1.63	0.77	19.25	11.3	21
ZZ78399		0.20	0.004	0.29	1.55	19.1	<0.2	<10	590	0.77	0.24	1.38	0.71	23.0	15.0	25
ZZ78400		0.09	0.003	0.30	0.63	17.4	<0.2	<10	680	0.46	0.12	4.21	1.57	10.95	6.7	13
ZZ78401		0.18	0.004	0.27	1.20	49.4	<0.2	<10	360	0.72	0.23	1.47	0.71	15.60	12.9	21
ZZ78402		0.22	0.005	0.41	1.32	71.9	<0.2	<10	460	0.66	0.22	1.61	1.63	23.0	12.2	25
ZZ78403		0.18	0.003	0.55	0.65	78.2	<0.2	<10	340	0.44	0.13	4.63	1.17	11.35	6.0	17
ZZ78404		0.16	0.003	0.54	0.98	136.5	<0.2	<10	370	0.55	0.20	2.38	0.95	17.15	9.5	23
ZZ78405		0.17	0.004	0.74	1.16	108.0	<0.2	<10	510	0.65	0.22	1.96	1.49	18.30	11.1	25
ZZ78406		0.15	0.005	0.56	1.39	87.1	<0.2	<10	650	0.70	0.22	2.05	1.26	19.50	12.4	28
ZZ78407		0.13	0.003	0.36	1.43	33.6	<0.2	<10	630	0.66	0.19	2.23	0.80	17.80	13.4	24
ZZ78408		0.34	0.003	0.35	2.19	40.0	<0.2	<10	440	1.25	0.25	0.21	0.96	36.7	24.7	32
ZZ78409		0.20	0.004	0.46	1.82	34.1	<0.2	<10	720	1.09	0.27	1.20	0.57	28.0	14.4	31
ZZ78410		0.16	0.004	0.38	1.41	32.5	<0.2	<10	840	0.67	0.21	2.13	1.25	16.95	11.5	23
ZZ78411		0.11	0.004	0.31	1.50	32.2	<0.2	<10	720	0.72	0.23	1.86	0.80	18.20	11.2	25
ZZ78412		0.25	0.004	0.27	1.84	22.2	<0.2	<10	530	0.86	0.27	0.81	0.42	24.2	16.2	29
ZZ78413		0.37	0.003	0.56	1.66	33.7	<0.2	<10	490	0.89	0.27	0.66	0.61	26.5	18.3	31
ZZ78414		0.30	0.004	0.53	1.71	33.1	<0.2	<10	380	0.83	0.26	0.65	0.71	29.0	17.6	29
ZZ78415		0.26	0.004	0.61	1.70	29.0	<0.2	<10	690	0.84	0.26	0.89	0.60	24.0	17.3	29
ZZ78416		0.27	0.004	0.45	1.49	19.3	<0.2	<10	580	0.76	0.24	1.29	0.48	19.75	14.1	25
ZZ78417		0.24	0.004	0.42	1.64	19.5	<0.2	<10	520	0.77	0.26	0.97	0.33	22.7	14.5	28
ZZ78418		0.36	0.003	0.32	1.71	15.8	<0.2	<10	440	0.78	0.25	0.87	0.45	25.4	16.3	27
ZZ78419		0.18	0.004	0.26	1.47	15.5	<0.2	<10	500	0.65	0.21	1.42	0.47	18.40	13.4	24
ZZ78420		0.20	0.005	0.33	1.49	18.6	<0.2	<10	480	0.69	0.23	1.74	0.44	17.50	13.1	23
ZZ78421		0.13	0.004	0.29	1.53	18.3	<0.2	<10	480	0.65	0.21	1.72	0.38	18.20	13.4	24
ZZ78422		0.19	0.004	0.27	1.38	14.5	<0.2	<10	450	0.68	0.20	2.05	0.54	17.85	13.4	23
ZZ78423		0.23	0.003	0.31	1.52	15.2	<0.2	<10	420	0.71	0.23	1.55	0.31	18.90	13.5	24
ZZ78424		0.14	0.005	0.28	1.60	9.0	<0.2	<10	450	0.78	0.25	1.33	0.71	22.2	13.2	26

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78385		0.86	21.1	1.55	2.58	<0.05	0.03	0.63	0.015	0.04	10.3	7.0	0.18	577	1.69	0.01
ZZ78386		1.14	23.5	1.87	2.63	<0.05	0.05	1.41	0.026	0.06	11.0	8.5	0.26	318	4.48	0.01
ZZ78387		1.13	34.3	1.60	1.79	<0.05	0.04	0.59	0.024	0.06	7.9	5.6	0.14	265	3.19	<0.01
ZZ78388		2.46	28.6	2.76	2.58	<0.05	0.03	0.45	0.032	0.07	9.4	8.2	0.21	265	1.86	0.01
ZZ78389		0.66	22.5	1.85	2.76	<0.05	0.04	0.49	0.024	0.05	9.0	9.3	0.25	824	1.59	0.01
ZZ78390		1.27	35.4	2.90	3.76	<0.05	0.05	1.21	0.032	0.08	9.5	19.9	0.41	464	1.51	0.01
ZZ78391		0.97	50.8	3.19	4.59	0.05	0.08	0.17	0.031	0.09	11.6	24.0	0.60	346	1.39	0.01
ZZ78392		1.27	44.6	3.63	6.08	0.06	0.04	0.09	0.035	0.07	17.4	29.2	0.62	614	1.15	<0.01
ZZ78393		0.90	31.4	2.22	3.29	<0.05	0.05	0.26	0.023	0.06	8.5	13.2	0.40	433	0.93	0.01
ZZ78394		1.09	55.0	3.01	4.12	0.05	0.05	0.29	0.029	0.08	10.7	21.3	0.59	372	1.45	0.01
ZZ78395		0.83	68.9	1.64	2.13	0.05	0.04	0.35	0.017	0.05	7.6	7.7	0.31	330	0.91	0.01
ZZ78396		0.72	44.9	2.75	3.64	<0.05	0.05	0.24	0.027	0.07	8.0	17.5	0.49	847	1.22	0.01
ZZ78397		0.83	59.2	2.42	3.38	<0.05	0.04	0.30	0.024	0.06	8.2	15.2	0.46	494	1.11	0.01
ZZ78398		0.74	51.0	2.77	3.83	0.05	0.05	0.22	0.030	0.06	9.7	18.7	0.55	399	1.34	0.01
ZZ78399		0.88	59.3	3.41	4.68	0.05	0.07	0.18	0.033	0.07	10.5	22.8	0.66	734	1.29	0.01
ZZ78400		0.42	41.7	1.70	1.90	0.05	0.03	0.26	0.017	0.03	5.9	8.1	0.45	984	1.09	0.01
ZZ78401		1.04	40.9	3.03	3.61	<0.05	0.05	0.27	0.035	0.08	8.0	18.8	0.47	464	1.35	0.01
ZZ78402		0.79	39.6	2.89	3.94	0.06	0.05	0.33	0.029	0.06	13.0	16.3	0.46	1220	1.97	0.01
ZZ78403		0.76	29.8	1.51	2.03	0.05	0.04	0.39	0.019	0.04	9.0	7.3	0.35	386	1.51	0.01
ZZ78404		1.26	31.3	2.22	3.05	0.05	0.03	0.43	0.027	0.06	10.0	11.7	0.38	384	2.21	0.01
ZZ78405		1.26	31.0	2.37	3.60	0.06	0.05	0.54	0.031	0.06	11.3	14.6	0.40	447	1.37	0.01
ZZ78406		1.19	47.3	2.87	4.37	0.05	0.05	0.30	0.031	0.07	10.7	17.7	0.57	583	2.01	0.01
ZZ78407		0.74	52.7	2.96	4.31	0.05	0.06	0.24	0.029	0.06	9.2	18.8	0.62	1210	1.70	0.01
ZZ78408		1.29	63.2	4.23	5.09	0.08	0.07	0.19	0.040	0.07	15.6	26.5	0.61	933	1.63	0.01
ZZ78409		1.35	58.8	3.37	5.24	0.08	0.07	0.22	0.041	0.09	17.2	18.6	0.51	673	1.57	0.01
ZZ78410		0.91	42.7	2.59	4.09	<0.05	0.05	0.25	0.032	0.06	8.5	16.5	0.48	520	1.09	0.01
ZZ78411		1.10	47.3	2.80	4.55	0.05	0.06	0.23	0.032	0.07	9.4	18.4	0.52	419	1.28	0.01
ZZ78412		1.20	58.5	3.88	5.59	0.06	0.08	0.19	0.039	0.09	11.7	26.4	0.73	469	1.41	0.01
ZZ78413		1.52	81.7	4.27	5.27	0.06	0.09	0.21	0.038	0.10	12.4	23.0	0.76	736	2.33	0.01
ZZ78414		1.54	75.2	4.10	5.24	0.07	0.08	0.21	0.036	0.10	13.8	24.8	0.86	603	2.16	0.01
ZZ78415		1.71	73.0	3.86	5.34	0.07	0.10	0.27	0.041	0.10	11.9	23.9	0.75	494	1.83	0.01
ZZ78416		1.23	66.2	3.17	4.58	0.06	0.08	0.22	0.033	0.08	10.0	20.1	0.65	468	1.32	0.01
ZZ78417		1.51	59.0	3.34	5.05	0.05	0.08	0.24	0.034	0.09	10.9	22.2	0.65	468	1.59	0.01
ZZ78418		1.24	62.4	3.47	5.42	0.05	0.09	0.19	0.037	0.09	12.3	25.3	0.78	366	1.27	0.01
ZZ78419		0.97	52.3	3.00	4.54	<0.05	0.08	0.15	0.032	0.08	8.5	20.7	0.69	489	1.10	0.01
ZZ78420		1.06	57.5	3.09	4.53	0.05	0.07	0.21	0.030	0.08	8.8	20.7	0.66	438	1.06	0.01
ZZ78421		1.02	56.4	3.06	4.68	0.05	0.07	0.17	0.031	0.08	8.9	21.6	0.67	421	0.93	0.01
ZZ78422		0.95	61.5	2.81	4.25	0.05	0.07	0.16	0.029	0.09	8.6	19.4	0.60	527	0.85	0.01
ZZ78423		1.00	57.9	3.02	4.61	0.05	0.07	0.19	0.029	0.09	9.2	20.6	0.63	449	0.93	0.01
ZZ78424		1.18	69.2	2.69	4.90	<0.05	0.08	0.17	0.032	0.08	10.3	23.3	0.70	254	0.73	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78385		0.32	14.6	1360	10.7	4.6	0.001	0.15	0.52	1.1	1.6	0.3	40.3	<0.01	0.04	0.2
ZZ78386		0.33	41.8	1210	21.2	5.4	0.001	0.11	1.21	2.1	3.5	0.3	51.4	<0.01	0.05	0.4
ZZ78387		0.18	34.0	1240	12.2	5.8	0.002	0.10	1.74	2.0	4.0	0.3	56.8	<0.01	0.06	0.4
ZZ78388		0.39	31.5	930	16.8	8.3	0.003	0.08	0.92	3.2	2.3	0.4	42.1	<0.01	0.06	0.8
ZZ78389		0.37	21.9	1230	13.4	4.9	0.001	0.12	1.07	1.6	2.2	0.3	50.3	<0.01	0.06	0.4
ZZ78390		0.26	31.3	880	18.0	9.6	0.002	0.06	0.76	4.0	2.3	0.4	36.9	<0.01	0.05	1.2
ZZ78391		0.37	31.1	640	17.5	7.5	0.001	0.05	0.76	5.6	1.2	0.3	44.5	<0.01	0.06	2.3
ZZ78392		0.53	27.4	420	21.4	9.0	<0.001	0.01	0.49	5.5	0.9	0.5	24.3	<0.01	0.06	3.8
ZZ78393		0.44	20.9	770	13.4	5.5	<0.001	0.09	0.67	2.6	1.1	0.3	54.5	<0.01	0.05	0.5
ZZ78394		0.40	30.2	760	18.1	7.0	0.001	0.06	0.89	4.7	1.5	0.3	42.2	<0.01	0.05	1.4
ZZ78395		0.23	19.4	1040	9.5	5.5	<0.001	0.16	1.18	1.2	3.0	0.2	82.4	<0.01	0.06	0.2
ZZ78396		0.35	27.1	830	15.8	6.5	<0.001	0.09	0.87	2.6	1.9	0.3	58.3	<0.01	0.05	0.6
ZZ78397		0.33	27.2	860	13.6	6.3	0.001	0.09	1.06	2.7	2.2	0.3	61.3	<0.01	0.04	0.7
ZZ78398		0.33	30.4	810	15.4	6.1	0.001	0.08	0.93	3.9	1.6	0.3	56.9	<0.01	0.05	1.2
ZZ78399		0.34	32.8	620	16.8	6.5	0.001	0.05	0.82	5.2	1.4	0.4	48.2	<0.01	0.08	1.8
ZZ78400		0.21	19.6	910	10.4	3.3	<0.001	0.12	0.83	1.2	2.2	0.2	107.5	<0.01	0.04	0.3
ZZ78401		0.22	36.2	790	15.7	8.0	0.002	0.07	0.73	4.0	2.4	0.4	41.4	<0.01	0.06	1.7
ZZ78402		0.49	35.1	980	17.0	7.6	0.001	0.06	1.05	3.5	2.3	0.4	35.6	<0.01	0.05	1.5
ZZ78403		0.22	23.7	1170	12.0	4.9	0.001	0.11	1.09	1.3	2.5	0.2	56.8	<0.01	0.05	0.4
ZZ78404		0.50	34.6	1130	15.2	7.0	0.002	0.06	1.16	2.6	2.6	0.4	45.6	<0.01	0.05	0.9
ZZ78405		0.35	36.3	1060	15.5	7.6	0.003	0.07	0.91	3.6	2.8	0.4	50.8	<0.01	0.08	1.3
ZZ78406		0.32	36.7	1000	15.1	7.7	0.002	0.07	1.05	3.8	2.4	0.4	52.3	<0.01	0.09	1.1
ZZ78407		0.29	31.5	920	13.7	6.4	0.001	0.08	0.85	3.7	1.8	0.3	60.1	<0.01	0.09	1.0
ZZ78408		0.26	47.8	770	23.8	8.8	<0.001	0.02	1.01	6.2	1.9	0.4	21.8	<0.01	0.08	5.0
ZZ78409		0.48	32.7	810	17.0	10.2	<0.001	0.06	0.86	6.8	1.8	0.5	46.0	<0.01	0.07	2.1
ZZ78410		0.40	26.4	930	13.2	10.2	0.001	0.10	0.80	3.4	2.0	0.4	74.0	<0.01	0.08	0.8
ZZ78411		0.42	28.9	880	13.5	9.7	0.002	0.08	0.99	3.8	2.4	0.4	64.1	<0.01	0.06	1.1
ZZ78412		0.29	36.3	670	18.1	9.0	0.001	0.05	0.70	6.0	1.4	0.4	35.3	<0.01	0.09	2.0
ZZ78413		0.19	48.0	640	20.1	8.0	0.001	0.03	1.08	8.2	2.1	0.4	38.7	<0.01	0.10	3.8
ZZ78414		0.22	46.0	740	20.6	7.6	0.001	0.02	1.06	7.5	1.5	0.4	33.3	<0.01	0.08	3.8
ZZ78415		0.25	41.9	650	17.8	8.5	0.001	0.04	0.94	8.1	1.7	0.4	42.4	<0.01	0.11	3.3
ZZ78416		0.26	33.3	700	15.5	7.9	0.001	0.06	0.90	5.5	1.5	0.4	53.5	<0.01	0.09	1.8
ZZ78417		0.28	34.3	570	16.3	9.3	0.001	0.05	0.71	6.4	1.6	0.4	42.0	<0.01	0.09	2.6
ZZ78418		0.26	38.7	660	14.7	7.9	0.001	0.04	0.63	7.5	1.5	0.4	42.6	<0.01	0.09	2.9
ZZ78419		0.22	29.8	650	13.6	7.2	0.001	0.07	0.62	4.7	1.1	0.3	56.5	<0.01	0.06	1.6
ZZ78420		0.22	29.7	700	14.3	7.7	0.003	0.09	0.69	4.6	1.4	0.3	62.1	<0.01	0.07	1.3
ZZ78421		0.22	30.5	670	13.6	7.4	0.001	0.08	0.68	4.2	1.1	0.3	63.4	<0.01	0.06	1.2
ZZ78422		0.23	28.5	690	12.3	6.8	0.001	0.08	0.67	4.3	1.2	0.3	68.8	<0.01	0.05	1.4
ZZ78423		0.23	28.4	600	13.9	7.6	0.001	0.07	0.69	5.1	1.5	0.3	57.2	<0.01	0.06	1.8
ZZ78424		0.21	31.0	570	18.6	7.6	0.002	0.12	0.52	6.1	1.2	0.4	51.7	<0.01	0.05	2.2

***** See Appendix Page for comments regarding this certificate *****

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Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78385		0.007	0.20	1.41	34	0.06	20.0	88	1.1
ZZ78386		0.005	0.53	2.75	47	0.16	26.5	215	1.4
ZZ78387		<0.005	0.34	2.78	51	0.06	21.7	148	1.3
ZZ78388		<0.005	0.27	2.34	42	0.15	17.30	140	0.9
ZZ78389		0.005	0.18	2.09	46	0.10	17.35	116	1.1
ZZ78390		<0.005	0.24	1.21	44	0.16	16.20	119	1.4
ZZ78391		0.006	0.14	1.00	48	0.06	13.30	97	2.5
ZZ78392		0.010	0.14	1.03	57	0.11	11.90	79	1.2
ZZ78393		0.008	0.15	1.61	38	0.08	10.95	86	1.4
ZZ78394		0.006	0.18	1.11	50	0.12	14.55	127	1.7
ZZ78395		<0.005	0.13	3.39	24	<0.05	16.10	67	1.6
ZZ78396		0.006	0.16	1.98	38	0.08	11.40	120	1.5
ZZ78397		0.006	0.15	3.00	37	0.07	11.25	103	1.4
ZZ78398		0.006	0.15	1.63	42	0.07	13.25	104	1.8
ZZ78399		0.006	0.13	1.50	44	0.07	11.95	95	1.9
ZZ78400		0.005	0.11	3.61	25	<0.05	9.56	83	1.2
ZZ78401		<0.005	0.16	1.21	38	0.07	13.90	133	1.7
ZZ78402		0.009	0.20	2.16	50	0.16	17.60	130	1.4
ZZ78403		0.005	0.21	2.20	30	0.13	19.65	101	1.2
ZZ78404		0.009	0.38	1.77	45	0.16	16.25	138	1.1
ZZ78405		<0.005	0.49	2.28	53	0.11	20.9	162	1.7
ZZ78406		0.005	0.31	2.26	62	0.06	17.00	142	1.5
ZZ78407		0.005	0.15	2.08	45	0.10	13.15	96	1.6
ZZ78408		<0.005	0.20	1.09	56	0.07	14.45	129	2.9
ZZ78409		0.007	0.18	1.72	58	0.14	21.6	110	1.9
ZZ78410		0.006	0.16	2.45	42	0.09	11.35	141	1.7
ZZ78411		0.007	0.18	3.55	44	0.11	11.60	126	1.7
ZZ78412		0.006	0.14	1.10	52	0.08	13.20	120	2.1
ZZ78413		0.005	0.24	0.84	60	0.05	15.30	138	3.5
ZZ78414		0.006	0.24	0.96	56	0.05	15.70	134	2.6
ZZ78415		<0.005	0.19	1.07	55	0.06	15.75	121	3.7
ZZ78416		<0.005	0.15	1.58	47	0.06	14.05	100	2.3
ZZ78417		<0.005	0.15	1.23	52	0.05	12.90	109	2.4
ZZ78418		0.005	0.15	1.27	46	0.05	13.00	104	3.0
ZZ78419		<0.005	0.12	1.09	42	<0.05	9.42	98	2.6
ZZ78420		<0.005	0.14	1.60	41	0.05	11.10	99	2.3
ZZ78421		<0.005	0.14	1.42	43	0.07	11.20	94	2.1
ZZ78422		0.005	0.13	1.61	39	<0.05	11.05	102	2.3
ZZ78423		<0.005	0.12	1.47	43	0.05	11.55	90	2.4
ZZ78424		<0.005	0.13	1.52	44	<0.05	12.65	96	2.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78425		0.20	0.004	0.24	1.67	12.8	<0.2	<10	340	0.70	0.22	1.21	0.29	22.0	12.1	26
ZZ78426		0.22	0.004	0.35	1.73	18.0	<0.2	<10	390	0.74	0.25	0.86	0.37	26.2	15.5	29
ZZ78427		0.22	0.004	0.42	1.65	16.8	<0.2	<10	480	0.75	0.24	1.28	0.29	22.1	15.1	27
ZZ78428		0.29	0.004	0.37	1.62	17.2	<0.2	<10	390	0.73	0.22	0.96	0.40	23.4	16.0	27
ZZ78429		0.22	0.004	0.35	1.57	17.7	<0.2	<10	430	0.63	0.23	1.08	0.52	21.0	15.1	26
ZZ78430		0.19	0.004	0.37	1.42	17.1	<0.2	<10	580	0.63	0.19	1.94	0.53	15.55	12.5	24
ZZ78431		0.22	0.007	0.37	1.52	23.9	<0.2	<10	550	0.82	0.22	1.67	0.56	16.35	13.3	25
ZZ78432		0.20	0.005	0.28	1.33	21.6	<0.2	10	630	0.78	0.19	2.75	0.60	14.00	11.1	22
ZZ78433		0.45	0.003	0.21	1.84	22.1	<0.2	<10	410	0.97	0.28	0.41	0.45	33.1	23.5	30
ZZ78434		0.14	0.004	0.39	0.84	11.6	<0.2	<10	910	0.48	0.14	4.01	0.87	11.95	6.5	12
ZZ78435		0.26	0.005	0.80	1.97	33.2	<0.2	<10	1380	1.11	0.27	1.20	0.98	27.0	16.3	41
ZZ78436		0.26	0.002	0.10	1.59	49.4	<0.2	<10	160	0.50	0.28	0.10	0.25	27.6	8.8	24
ZZ78437		0.21	0.001	1.33	0.95	333	<0.2	<10	90	0.17	0.29	0.04	0.09	22.8	2.1	15
ZZ78438		0.26	0.002	0.11	1.79	132.0	<0.2	<10	100	0.48	0.26	0.04	0.19	25.8	6.1	24
ZZ78439		0.21	0.001	0.38	0.73	175.5	<0.2	<10	70	0.15	0.30	0.02	0.15	18.75	3.3	12
ZZ78440		0.22	0.004	0.28	2.09	164.0	<0.2	<10	890	0.97	0.30	0.78	0.31	24.2	12.9	32
ZZ78441		0.22	0.009	0.27	1.35	34.9	<0.2	<10	390	0.79	0.24	1.88	1.25	21.2	10.7	25
ZZ78442		0.33	0.003	0.16	1.48	18.9	<0.2	<10	370	0.85	0.25	1.08	0.34	15.95	11.5	25
ZZ78443		0.31	0.002	0.11	1.47	14.1	<0.2	<10	250	0.97	0.30	0.50	0.19	11.30	13.9	24
ZZ78444		0.47	0.003	0.10	1.69	16.3	<0.2	<10	260	1.10	0.28	0.40	0.29	15.95	16.2	27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ78425		1.11	57.7	3.16	5.04	0.05	0.08	0.15	0.032	0.08	10.5	24.7	0.72	302	0.78	0.01
ZZ78426		1.16	59.6	3.46	5.34	0.06	0.07	0.20	0.036	0.09	12.6	24.3	0.74	389	1.26	0.01
ZZ78427		1.24	56.0	3.21	5.17	0.05	0.07	0.21	0.037	0.08	10.7	22.2	0.69	361	1.19	<0.01
ZZ78428		1.11	57.2	3.29	5.10	0.05	0.07	0.21	0.036	0.09	11.2	23.3	0.71	379	1.14	<0.01
ZZ78429		1.02	49.8	3.20	4.80	0.06	0.07	0.20	0.033	0.08	10.1	21.2	0.69	515	1.18	0.01
ZZ78430		0.87	54.5	2.72	4.31	<0.05	0.07	0.19	0.031	0.09	7.6	17.1	0.57	424	0.99	0.01
ZZ78431		0.90	65.6	3.17	4.54	0.05	0.06	0.20	0.035	0.09	8.5	18.4	0.59	385	1.30	<0.01
ZZ78432		1.10	56.9	2.81	4.11	<0.05	0.06	0.18	0.027	0.08	7.0	19.2	0.58	306	1.18	0.01
ZZ78433		1.14	72.6	4.39	6.18	0.06	0.08	0.13	0.031	0.09	14.5	36.4	0.90	665	1.33	<0.01
ZZ78434		0.38	32.1	1.53	2.54	<0.05	0.03	0.30	0.015	0.02	6.4	6.1	0.22	946	0.48	0.01
ZZ78435		1.47	53.7	4.30	5.64	0.06	0.04	0.23	0.038	0.09	14.9	24.3	0.63	651	2.64	0.01
ZZ78436		1.74	20.9	2.73	7.08	<0.05	<0.02	0.06	0.027	0.07	13.5	18.2	0.35	282	1.43	<0.01
ZZ78437		1.70	5.9	1.52	7.62	<0.05	<0.02	0.12	0.015	0.04	12.0	5.7	0.12	66	1.13	<0.01
ZZ78438		1.68	15.8	3.01	7.31	<0.05	0.04	0.09	0.028	0.05	13.0	21.8	0.33	162	1.53	<0.01
ZZ78439		1.31	12.3	2.04	6.83	<0.05	<0.02	4.03	0.017	0.04	9.5	3.1	0.07	105	1.93	<0.01
ZZ78440		2.66	30.5	3.47	7.04	0.05	0.06	0.25	0.040	0.09	12.3	22.9	0.51	767	1.42	0.01
ZZ78441		1.16	24.5	2.67	4.14	<0.05	0.04	0.31	0.030	0.06	13.8	19.2	0.39	518	1.03	0.01
ZZ78442		0.89	22.8	2.88	4.62	<0.05	0.04	0.13	0.034	0.07	7.2	25.7	0.45	320	0.91	0.01
ZZ78443		0.90	25.0	3.78	4.83	<0.05	0.04	0.06	0.038	0.08	4.5	28.3	0.42	471	1.40	0.01
ZZ78444		1.39	31.0	3.73	5.40	0.05	0.04	0.07	0.040	0.08	6.1	42.1	0.55	383	1.32	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78425		0.22	29.9	660	14.5	8.6	0.001	0.07	0.57	5.3	1.3	0.4	49.2	<0.01	0.06	2.0
ZZ78426		0.33	36.0	650	16.3	8.3	0.001	0.04	0.64	6.7	1.6	0.4	39.3	<0.01	0.08	2.9
ZZ78427		0.26	33.5	580	15.6	7.8	0.001	0.06	0.73	5.8	1.4	0.4	52.3	<0.01	0.07	1.8
ZZ78428		0.27	35.8	660	14.8	7.9	0.001	0.04	0.63	6.3	1.5	0.4	43.0	<0.01	0.09	2.4
ZZ78429		0.24	31.9	670	16.1	7.7	0.001	0.05	0.66	5.5	1.3	0.4	45.8	<0.01	0.08	2.0
ZZ78430		0.26	28.6	720	12.2	7.8	0.001	0.08	0.64	4.6	1.6	0.4	69.2	<0.01	0.06	1.3
ZZ78431		0.25	34.1	630	13.7	7.7	0.001	0.07	0.84	4.9	1.9	0.4	62.2	<0.01	0.08	1.2
ZZ78432		0.32	27.6	840	11.0	7.4	<0.001	0.10	0.97	3.8	1.6	0.3	85.5	<0.01	0.07	0.8
ZZ78433		0.21	39.7	410	21.3	6.6	0.001	0.01	0.78	7.2	1.0	0.4	25.1	<0.01	0.12	3.8
ZZ78434		0.46	13.2	1260	7.2	2.8	0.002	0.18	0.76	1.2	3.6	0.2	127.0	<0.01	0.04	0.3
ZZ78435		0.49	45.7	1520	17.8	9.3	0.001	0.05	1.43	5.8	3.5	0.5	62.0	<0.01	0.09	1.5
ZZ78436		0.81	19.9	480	16.1	9.7	<0.001	0.01	0.52	2.8	0.5	0.7	10.8	<0.01	0.07	1.7
ZZ78437		1.05	5.6	320	10.6	7.4	<0.001	0.02	0.43	1.0	0.4	0.8	8.6	<0.01	0.04	0.5
ZZ78438		0.94	14.4	290	14.4	11.4	<0.001	0.01	0.47	2.9	0.4	0.7	8.1	<0.01	0.06	2.8
ZZ78439		1.10	7.9	330	12.3	10.6	<0.001	0.02	0.70	1.3	0.7	0.8	6.6	<0.01	0.06	1.2
ZZ78440		0.63	25.4	820	18.8	12.8	<0.001	0.03	0.56	4.9	0.8	0.7	42.9	<0.01	0.08	2.0
ZZ78441		0.64	25.3	1120	13.1	9.5	0.001	0.09	0.65	2.8	1.9	0.4	47.5	<0.01	0.05	0.9
ZZ78442		0.45	27.3	760	15.2	9.2	<0.001	0.05	0.52	4.5	1.2	0.5	36.3	<0.01	0.06	2.1
ZZ78443		0.29	34.5	570	16.0	9.3	<0.001	0.02	0.47	4.5	0.9	0.5	26.7	<0.01	0.06	2.8
ZZ78444		0.31	42.6	850	19.1	10.4	0.001	0.02	0.53	5.9	0.9	0.5	24.8	<0.01	0.06	3.6

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125275

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78425		<0.005	0.13	1.27	45	<0.05	11.70	97	2.4
ZZ78426		0.006	0.15	1.15	52	0.08	13.65	107	2.4
ZZ78427		0.005	0.14	1.20	48	0.05	13.15	94	2.3
ZZ78428		0.005	0.14	1.07	47	0.05	13.30	112	2.4
ZZ78429		0.005	0.14	1.01	48	0.05	11.65	117	2.2
ZZ78430		<0.005	0.14	1.08	43	0.05	10.00	109	2.2
ZZ78431		<0.005	0.14	1.50	47	0.06	12.85	118	2.1
ZZ78432		0.005	0.15	2.32	40	0.07	12.25	110	2.1
ZZ78433		0.006	0.13	0.60	56	0.05	9.74	112	3.3
ZZ78434		0.010	0.07	4.83	25	0.07	9.53	23	1.1
ZZ78435		0.009	0.21	2.38	78	0.13	17.55	135	1.2
ZZ78436		0.016	0.22	0.56	59	0.24	4.12	63	<0.5
ZZ78437		0.023	0.33	0.66	53	0.30	2.36	26	<0.5
ZZ78438		0.012	0.24	0.49	65	0.20	2.84	56	1.4
ZZ78439		0.019	0.33	0.40	66	0.23	1.59	39	<0.5
ZZ78440		0.007	0.29	1.34	65	0.22	9.51	93	1.4
ZZ78441		0.012	0.13	1.57	39	0.16	19.65	102	1.1
ZZ78442		<0.005	0.14	0.93	38	0.08	11.40	103	1.3
ZZ78443		<0.005	0.14	0.68	36	0.06	6.23	117	1.1
ZZ78444		<0.005	0.17	0.76	35	0.07	12.55	117	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NADALEEN

Finalized Date: 3- AUG- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13125275

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).

Applies to Method: ME- MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG- 22 SCR- 41 WEI- 21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au- ICP21 ME- MS41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

CERTIFICATE WH13136078

Project: Nadaleen

P.O. No.: SO13-11

This report is for 182 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
CC135704		0.29	0.003	0.23	1.25	102.5	<0.2	<10	310	0.81	0.24	1.80	1.02	17.15	8.9	23
CC135705		0.43	0.004	0.26	1.00	41.6	<0.2	<10	460	0.71	0.19	2.57	1.09	15.05	10.1	20
CC135706		0.25	0.003	0.24	1.07	34.8	<0.2	<10	430	0.74	0.22	0.96	0.93	15.50	11.4	21
CC135707		0.40	0.006	0.87	1.08	74.1	<0.2	<10	310	0.95	0.19	5.91	1.75	27.5	10.0	26
CC135708		0.21	0.003	0.22	1.05	28.5	<0.2	<10	500	0.70	0.20	1.27	0.81	13.90	9.5	20
CC135709		0.35	0.001	0.05	1.50	42.3	<0.2	<10	480	0.56	0.25	0.50	0.38	15.90	8.5	25
CC135710		0.36	0.003	0.30	1.60	27.1	<0.2	<10	820	0.80	0.26	0.74	0.41	27.2	10.3	30
CC135711		0.33	0.002	0.09	1.37	20.8	<0.2	<10	640	0.48	0.26	0.74	0.52	20.8	10.7	25
CC135712		0.22	0.005	0.35	1.21	34.4	<0.2	<10	960	0.80	0.19	2.19	0.89	16.10	9.4	21
CC135713		0.37	0.004	0.35	1.11	35.2	<0.2	<10	560	0.83	0.24	0.63	1.06	20.7	12.4	24
CC135714		0.22	0.005	0.38	1.04	30.2	<0.2	<10	1160	0.80	0.17	2.99	1.01	13.40	7.9	18
CC135715		0.41	0.007	0.65	1.52	61.3	<0.2	<10	840	1.20	0.23	2.98	0.82	22.3	11.9	26
CC135716		0.19	0.005	0.39	1.17	28.9	<0.2	<10	690	0.76	0.20	2.18	1.28	15.00	8.2	21
CC135717		0.34	0.004	0.46	1.25	62.2	<0.2	<10	490	0.97	0.20	3.15	1.12	18.15	9.5	26
CC135718		0.43	0.002	0.23	1.63	55.1	<0.2	<10	580	0.87	0.26	1.51	2.08	29.9	12.5	27
CC135719		0.56	0.004	0.50	1.18	39.8	<0.2	<10	460	0.89	0.25	0.81	0.97	17.50	10.7	25
CC135720		0.41	0.002	0.23	1.08	31.8	<0.2	<10	620	0.84	0.21	0.80	0.59	14.30	11.2	20
CC135721		0.41	0.003	0.20	1.36	38.4	<0.2	<10	350	0.96	0.31	0.46	0.46	16.10	14.0	26
CC135722		0.44	0.003	0.28	1.13	43.2	<0.2	<10	450	0.82	0.23	1.57	0.74	17.05	11.9	22
CC135723		0.42	0.004	0.34	1.22	70.0	<0.2	<10	240	0.89	0.25	2.67	1.10	21.7	10.2	22
CC135724		0.47	0.003	0.23	1.22	34.5	<0.2	<10	510	0.89	0.24	0.48	0.47	18.60	12.3	24
CC135725		0.53	0.004	0.29	1.18	43.3	<0.2	<10	420	0.88	0.26	0.45	0.69	17.20	12.7	24
CC135726		0.42	0.003	0.23	1.18	36.0	<0.2	<10	470	0.85	0.25	0.65	0.59	15.15	12.3	22
CC135727		0.29	0.004	0.23	1.45	25.0	<0.2	<10	650	0.86	0.23	1.37	0.47	16.15	13.8	23
CC135728		0.46	0.004	0.24	1.57	38.3	<0.2	<10	370	1.22	0.30	0.60	0.69	23.7	17.0	28
CC135729		0.39	0.003	0.14	1.52	41.3	<0.2	<10	480	0.97	0.25	0.21	0.48	19.55	12.2	25
CC135730		0.39	0.004	0.47	0.89	61.8	<0.2	<10	720	0.75	0.18	3.00	0.89	10.65	9.4	20
CC135731		0.30	0.005	0.41	1.17	39.6	<0.2	<10	750	0.87	0.21	2.28	1.24	15.25	10.7	21
CC135732		0.54	0.005	0.55	0.96	57.1	<0.2	<10	890	0.73	0.22	3.82	1.17	14.20	11.8	21
CC135733		0.28	0.006	0.55	1.12	23.9	<0.2	<10	1890	0.74	0.17	1.69	0.73	13.30	6.6	23
CC135734		0.17	0.006	0.47	0.79	20.0	<0.2	<10	1400	0.59	0.15	2.74	0.83	9.60	6.5	14
CC135735		0.34	0.006	0.55	1.26	33.3	<0.2	<10	1180	0.96	0.22	1.88	1.24	17.40	10.3	22
CC135736		0.37	0.005	0.39	1.15	25.4	<0.2	<10	740	0.79	0.20	2.64	1.82	22.2	10.1	22
CC135737		0.35	0.001	0.21	1.72	33.7	<0.2	<10	330	0.71	0.23	0.10	0.54	16.60	7.8	25
CC135738		0.37	0.003	0.54	1.07	40.0	<0.2	<10	710	0.83	0.21	1.85	1.11	13.75	9.1	22
CC135739		0.44	0.003	0.23	1.11	40.7	<0.2	<10	380	0.79	0.23	0.55	0.60	15.25	11.9	22
CC135740		0.43	0.003	0.18	1.22	34.6	<0.2	<10	390	0.82	0.25	0.40	0.38	17.75	11.5	23
CC135741		0.45	0.003	0.25	1.23	36.8	<0.2	<10	400	0.84	0.25	0.53	0.52	17.35	12.9	24
CC135742		0.26	0.003	0.25	1.22	39.9	<0.2	<10	690	0.86	0.21	1.33	0.78	14.30	7.2	21
CC135743		0.42	0.006	0.65	1.02	66.3	<0.2	<10	970	0.84	0.20	3.65	1.20	12.10	9.3	21

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
CC135704		0.83	22.3	2.92	4.00	<0.05	0.05	2.81	0.032	0.06	8.6	13.6	0.91	396	2.28	0.01
CC135705		0.58	28.0	2.79	3.00	<0.05	0.05	0.29	0.029	0.07	7.5	14.3	1.29	388	1.76	0.01
CC135706		0.71	30.4	3.14	3.36	<0.05	0.06	0.22	0.034	0.08	7.5	17.0	0.39	552	1.89	0.01
CC135707		0.91	23.2	3.05	2.62	0.07	0.04	0.51	0.033	0.05	16.3	10.1	3.14	956	2.61	0.01
CC135708		0.57	25.7	2.74	3.21	<0.05	0.06	0.19	0.030	0.07	6.7	14.7	0.37	448	1.44	0.01
CC135709		1.07	14.5	3.11	5.17	<0.05	0.03	0.11	0.034	0.04	7.5	17.6	0.34	295	1.88	0.01
CC135710		0.91	18.2	3.08	5.00	0.05	0.04	0.21	0.032	0.05	13.8	15.1	0.51	570	1.29	0.01
CC135711		1.00	10.9	2.64	5.40	<0.05	0.02	0.05	0.026	0.05	10.4	15.3	0.39	748	1.48	0.01
CC135712		0.61	25.9	2.59	3.40	<0.05	0.03	0.33	0.026	0.05	8.3	11.0	0.35	855	1.23	0.01
CC135713		0.66	36.8	3.29	3.54	0.05	0.05	0.25	0.033	0.06	10.6	18.4	0.42	468	2.49	0.01
CC135714		0.60	38.8	2.25	2.80	<0.05	0.04	0.40	0.024	0.05	7.9	9.9	0.41	430	1.54	0.01
CC135715		0.71	27.9	3.34	4.03	0.05	0.06	0.65	0.039	0.06	11.6	15.0	1.60	362	2.41	0.01
CC135716		0.64	30.1	2.23	3.33	<0.05	0.05	0.34	0.030	0.06	7.6	12.1	0.38	278	1.38	0.01
CC135717		0.58	23.4	3.12	3.42	0.05	0.05	0.50	0.033	0.06	10.9	13.2	1.47	433	2.15	0.01
CC135718		0.83	14.0	3.84	4.90	0.05	0.03	0.28	0.039	0.04	13.6	16.0	0.71	1070	2.66	0.01
CC135719		0.94	36.4	3.11	3.63	0.05	0.06	0.27	0.037	0.08	10.3	17.8	0.38	430	2.47	0.01
CC135720		0.50	33.9	3.04	3.26	<0.05	0.06	0.20	0.033	0.06	7.0	15.2	0.36	417	1.86	<0.01
CC135721		0.77	36.0	3.58	4.37	<0.05	0.04	0.19	0.040	0.09	7.9	21.8	0.43	386	2.42	<0.01
CC135722		0.82	37.1	3.19	3.53	<0.05	0.06	0.25	0.030	0.07	8.2	16.2	0.71	418	2.19	0.01
CC135723		0.82	24.6	3.24	3.65	0.05	0.05	0.28	0.033	0.07	12.1	13.5	1.40	510	2.64	<0.01
CC135724		0.60	34.9	3.24	3.84	<0.05	0.07	0.17	0.033	0.07	9.2	18.7	0.37	341	2.05	<0.01
CC135725		0.84	39.2	3.45	3.70	0.05	0.05	0.24	0.035	0.08	8.5	18.3	0.39	487	2.27	0.01
CC135726		0.70	33.7	3.29	3.71	<0.05	0.06	0.20	0.034	0.08	7.4	17.5	0.38	443	2.20	<0.01
CC135727		0.53	19.7	3.00	4.10	<0.05	0.05	0.13	0.032	0.05	7.4	17.0	0.38	786	1.78	<0.01
CC135728		0.92	36.1	3.67	4.59	0.05	0.05	0.24	0.042	0.08	10.8	24.5	0.55	557	2.82	0.01
CC135729		0.78	26.9	3.46	4.43	<0.05	0.05	0.17	0.036	0.06	9.7	16.8	0.30	531	2.51	<0.01
CC135730		0.57	38.1	2.79	2.59	<0.05	0.05	0.38	0.028	0.06	6.0	11.5	1.04	318	2.55	0.01
CC135731		0.72	38.4	2.67	3.31	<0.05	0.05	0.77	0.028	0.07	7.9	14.1	0.69	509	1.86	0.01
CC135732		1.46	46.5	2.81	2.93	<0.05	0.07	0.40	0.032	0.09	7.0	12.6	1.22	381	3.47	0.01
CC135733		0.76	32.4	2.07	3.03	<0.05	0.04	0.19	0.027	0.05	7.0	8.6	0.29	203	2.69	<0.01
CC135734		0.50	29.7	1.69	2.20	<0.05	0.04	0.32	0.021	0.04	5.0	6.8	0.29	386	1.57	<0.01
CC135735		0.60	51.2	2.78	3.56	0.05	0.04	0.40	0.030	0.06	10.0	13.1	0.52	512	1.72	0.01
CC135736		0.52	29.2	2.53	3.04	0.05	0.03	0.38	0.025	0.04	13.1	10.8	0.63	1120	1.38	0.01
CC135737		0.90	17.6	3.43	4.82	<0.05	0.04	0.09	0.033	0.04	7.9	20.7	0.26	269	2.20	<0.01
CC135738		0.60	42.9	2.87	3.01	<0.05	0.06	0.45	0.027	0.06	9.9	15.0	0.45	777	2.17	<0.01
CC135739		0.62	35.5	3.26	3.45	<0.05	0.06	0.22	0.030	0.06	7.7	17.0	0.37	412	2.04	<0.01
CC135740		0.69	30.1	3.27	3.77	<0.05	0.06	0.21	0.029	0.06	8.5	17.4	0.38	407	2.03	<0.01
CC135741		0.64	34.1	3.41	3.83	<0.05	0.06	0.17	0.033	0.07	8.5	19.2	0.39	456	2.24	<0.01
CC135742		0.62	33.0	2.48	3.44	<0.05	0.06	0.24	0.026	0.06	7.0	14.6	0.36	160	1.35	<0.01
CC135743		1.30	41.1	2.65	2.88	<0.05	0.06	0.58	0.026	0.11	6.2	10.8	1.61	310	3.96	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
CC135704		0.61	29.3	550	21.5	9.4	<0.001	0.03	1.04	3.6	0.9	0.4	22.3	<0.01	0.05	2.2
CC135705		0.51	32.1	760	15.4	6.6	0.001	0.03	0.87	3.6	1.2	0.3	30.4	<0.01	0.05	1.8
CC135706		0.63	35.9	820	16.5	7.4	0.003	0.03	0.80	4.1	1.0	0.4	26.1	<0.01	0.05	2.7
CC135707		0.39	29.6	1200	21.2	8.5	0.002	0.04	1.19	6.4	1.8	0.3	54.8	<0.01	0.05	1.6
CC135708		0.57	29.5	770	15.6	7.6	0.003	0.05	0.70	3.4	1.3	0.3	29.8	<0.01	0.03	1.7
CC135709		0.74	22.5	220	18.2	10.3	<0.001	0.01	0.56	2.9	0.5	0.5	15.9	<0.01	0.05	2.4
CC135710		0.93	27.0	470	16.2	8.6	<0.001	0.01	0.63	4.5	0.9	0.5	23.4	<0.01	0.05	2.8
CC135711		1.13	16.8	320	15.0	11.8	<0.001	0.01	0.46	2.5	0.4	0.6	21.1	<0.01	0.04	2.0
CC135712		0.50	24.6	890	15.3	7.1	<0.001	0.07	0.67	2.5	1.4	0.4	45.6	<0.01	0.05	0.7
CC135713		0.76	40.6	890	17.5	6.1	0.001	0.01	1.08	4.8	1.0	0.4	26.8	<0.01	0.06	3.1
CC135714		0.43	28.6	810	14.3	6.2	<0.001	0.09	0.94	2.3	1.7	0.3	58.1	<0.01	0.04	0.5
CC135715		0.46	35.6	740	24.1	8.6	<0.001	0.03	1.08	5.6	1.3	0.4	37.3	<0.01	0.07	2.4
CC135716		0.48	26.0	940	14.0	6.7	0.001	0.08	0.80	2.7	1.1	0.3	46.4	<0.01	0.04	0.7
CC135717		0.36	34.1	800	20.6	6.9	0.001	0.04	1.01	5.2	1.7	0.4	40.9	<0.01	0.05	1.6
CC135718		0.97	23.1	770	27.6	9.4	0.001	0.04	0.96	4.3	1.1	0.5	20.6	0.01	0.06	2.0
CC135719		0.53	40.5	980	18.7	8.2	0.002	0.03	1.13	5.5	1.7	0.4	28.2	<0.01	0.06	2.3
CC135720		0.56	35.1	650	16.2	6.0	<0.001	0.02	0.88	4.2	1.3	0.4	21.8	<0.01	0.04	2.4
CC135721		0.47	42.4	650	20.1	8.2	0.001	0.02	0.94	4.8	1.4	0.5	21.7	<0.01	0.05	3.5
CC135722		0.60	39.6	620	17.9	6.8	<0.001	0.02	1.01	4.7	1.4	0.4	31.2	<0.01	0.05	3.2
CC135723		0.53	32.5	610	21.1	9.1	<0.001	0.02	1.11	4.7	1.6	0.5	33.9	<0.01	0.06	3.0
CC135724		0.71	37.1	680	18.2	6.5	0.001	0.01	0.89	4.9	1.3	0.4	19.8	<0.01	0.05	3.7
CC135725		0.50	42.7	760	19.2	6.8	0.001	0.01	1.01	5.1	1.0	0.4	21.7	<0.01	0.04	4.0
CC135726		0.57	37.0	670	17.9	7.0	0.001	0.02	0.88	4.6	1.3	0.4	22.5	<0.01	0.07	3.0
CC135727		0.53	25.5	950	16.0	7.5	0.001	0.06	0.55	3.0	1.5	0.4	38.7	<0.01	0.05	1.2
CC135728		0.52	53.8	660	21.9	10.0	<0.001	0.02	1.07	5.8	1.6	0.6	22.9	<0.01	0.06	4.3
CC135729		0.47	32.3	440	20.2	9.7	<0.001	0.01	0.85	4.8	1.4	0.5	15.2	<0.01	0.06	3.1
CC135730		0.25	37.5	790	14.4	5.8	0.001	0.04	1.26	4.1	1.8	0.3	46.6	<0.01	0.05	1.4
CC135731		0.43	34.1	720	17.0	7.0	<0.001	0.06	1.18	3.2	2.2	0.4	41.3	<0.01	0.06	0.9
CC135732		0.35	41.9	790	17.1	7.3	<0.001	0.03	1.56	5.2	2.0	0.4	75.4	<0.01	0.07	2.9
CC135733		0.48	31.4	580	10.7	6.4	0.002	0.06	1.38	2.8	2.5	0.4	44.9	<0.01	0.05	0.9
CC135734		0.39	25.1	660	9.7	4.6	0.001	0.09	1.14	1.9	1.9	0.3	52.4	<0.01	0.05	0.5
CC135735		0.52	35.7	790	15.7	6.0	<0.001	0.05	1.03	3.6	1.9	0.4	39.3	<0.01	0.04	1.0
CC135736		0.53	27.2	1140	15.0	5.2	0.001	0.07	0.87	2.8	2.2	0.3	54.6	<0.01	0.05	0.7
CC135737		0.74	24.8	330	16.9	9.9	<0.001	0.01	0.73	3.6	0.8	0.5	8.1	<0.01	0.04	2.2
CC135738		0.59	34.9	950	17.9	6.0	0.001	0.06	1.23	4.3	2.1	0.4	43.3	<0.01	0.05	1.2
CC135739		0.73	35.6	630	18.6	5.7	0.001	0.01	0.92	4.4	0.9	0.4	20.1	<0.01	0.04	3.1
CC135740		0.63	34.7	750	17.0	7.2	0.001	0.01	0.82	4.3	1.2	0.4	19.5	<0.01	0.04	3.5
CC135741		0.77	38.8	780	18.6	7.1	<0.001	0.02	0.89	4.8	1.2	0.4	20.6	<0.01	0.05	3.6
CC135742		0.65	31.3	770	18.2	7.1	0.002	0.07	0.97	3.3	1.4	0.4	26.8	<0.01	0.05	1.4
CC135743		0.30	40.7	870	18.9	7.6	0.002	0.05	1.85	3.5	2.5	0.4	51.5	<0.01	0.07	1.1

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
CC135704		0.009	0.26	1.59	69	0.19	9.02	184	1.3
CC135705		0.008	0.15	1.29	46	0.10	11.25	159	1.4
CC135706		0.009	0.15	0.89	42	0.09	10.50	165	1.9
CC135707		0.007	0.31	2.60	67	0.13	27.0	168	1.2
CC135708		0.007	0.13	1.39	41	0.10	9.85	152	1.5
CC135709		0.010	0.21	0.58	71	0.15	3.35	101	1.1
CC135710		0.022	0.15	1.24	60	0.23	11.90	109	1.0
CC135711		0.025	0.14	0.77	59	0.21	3.41	110	0.6
CC135712		0.008	0.13	2.51	50	0.12	12.05	96	1.0
CC135713		0.015	0.18	1.18	53	0.10	13.30	149	1.6
CC135714		0.007	0.19	3.28	43	0.13	14.25	107	1.4
CC135715		0.006	0.29	1.53	65	0.13	15.00	155	1.7
CC135716		0.009	0.15	1.13	46	0.18	10.80	128	1.5
CC135717		0.005	0.27	1.58	65	0.10	18.90	160	1.5
CC135718		0.011	0.25	1.80	83	0.18	14.75	182	1.1
CC135719		0.009	0.21	1.81	54	0.11	17.20	163	1.6
CC135720		0.007	0.11	0.95	42	0.08	10.75	123	1.9
CC135721		0.007	0.16	0.98	45	0.07	10.45	143	1.2
CC135722		0.008	0.18	0.95	45	0.09	11.65	143	2.1
CC135723		0.008	0.27	1.48	62	0.14	14.75	168	1.5
CC135724		0.009	0.12	1.11	45	0.09	11.50	128	2.4
CC135725		0.009	0.17	0.85	47	0.08	11.95	163	2.2
CC135726		0.007	0.14	0.96	44	0.08	10.45	140	1.9
CC135727		0.005	0.10	1.15	44	0.09	9.18	82	1.3
CC135728		0.006	0.20	1.32	54	0.10	14.55	151	1.8
CC135729		0.005	0.20	1.04	65	0.11	11.10	140	1.4
CC135730		<0.005	0.25	1.34	51	0.08	13.90	171	1.6
CC135731		0.006	0.19	1.61	53	0.14	11.85	136	1.4
CC135732		0.007	0.44	1.24	57	0.11	12.30	169	2.9
CC135733		0.007	0.18	2.40	70	0.15	10.95	97	1.3
CC135734		0.005	0.11	2.86	38	0.14	9.80	77	1.4
CC135735		0.009	0.14	1.58	55	0.15	16.05	118	1.2
CC135736		0.011	0.11	2.47	53	0.11	19.05	97	1.1
CC135737		0.005	0.22	0.71	82	0.10	7.14	107	1.2
CC135738		0.006	0.18	1.97	56	0.09	18.95	153	1.6
CC135739		0.010	0.13	0.80	44	0.07	10.25	144	2.1
CC135740		0.011	0.11	1.02	45	0.08	10.35	136	1.8
CC135741		0.009	0.13	1.02	47	0.08	11.40	141	1.8
CC135742		0.006	0.18	5.87	46	0.12	10.15	123	2.0
CC135743		0.005	0.36	1.46	59	0.13	12.20	178	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
CC135744	0.30	0.003	0.43	1.20	63.2	<0.2	<10	820	0.95	0.20	2.35	0.90	14.95	9.2	22
CC135745	0.42	0.003	0.14	1.38	30.4	<0.2	<10	500	0.74	0.22	0.32	0.37	19.45	7.8	23
CC135746	0.29	0.004	0.20	1.53	21.6	<0.2	<10	800	0.81	0.24	1.00	1.43	23.6	9.3	21
CC135747	0.34	0.004	1.01	2.11	59.0	<0.2	<10	460	1.53	0.22	1.38	2.27	45.6	13.0	38
CC135748	0.61	0.004	0.31	1.37	24.6	<0.2	<10	500	0.76	0.24	0.83	0.73	24.8	10.5	26
CC135749	0.36	0.003	0.28	1.31	36.1	<0.2	<10	580	0.89	0.25	0.66	0.51	16.25	11.5	24
CC135750	0.35	0.003	0.17	1.00	32.2	<0.2	<10	310	0.72	0.21	0.41	0.66	17.20	12.1	21
DD023501	0.31	0.005	0.24	1.24	48.9	<0.2	<10	610	0.85	0.22	1.29	0.87	14.45	10.9	22
DD023502	0.37	0.018	0.18	0.97	32.7	<0.2	<10	300	0.78	0.20	0.42	0.68	16.95	12.2	21
DD023503	0.16	0.007	1.69	0.96	23.5	<0.2	<10	2520	0.61	0.15	1.86	1.12	5.74	4.7	21
DD023504	0.30	0.002	0.20	0.46	19.9	<0.2	<10	260	0.17	0.19	0.14	0.52	10.25	2.4	13
DD023505	0.26	0.005	0.40	1.07	21.9	<0.2	<10	790	0.49	0.23	0.67	0.23	12.55	5.9	22
DD023506	0.32	0.006	2.27	0.54	65.1	<0.2	<10	1390	0.68	0.19	0.70	1.61	4.76	4.6	27
DD023507	0.19	0.006	1.35	0.96	51.4	<0.2	<10	990	0.77	0.19	0.67	0.66	8.37	6.3	28
DD023508	0.14	0.005	1.60	0.76	33.4	<0.2	<10	1080	0.74	0.20	1.10	0.59	6.42	7.1	22
DD023509	0.18	0.004	1.50	0.69	37.8	<0.2	10	1090	0.70	0.18	1.06	0.80	6.63	6.7	22
DD023510	0.35	0.001	0.76	0.58	80.7	<0.2	<10	570	0.99	0.18	0.27	0.69	6.61	3.7	24
DD023511	0.31	0.006	1.55	0.49	77.0	<0.2	<10	1240	0.75	0.18	0.61	1.14	4.46	5.2	23
DD023512	0.16	0.006	1.33	0.62	24.8	<0.2	<10	1480	0.60	0.19	1.27	1.09	7.15	7.7	19
DD023513	0.37	0.004	0.54	0.85	47.6	<0.2	<10	1450	0.55	0.24	0.18	0.72	13.25	7.4	26
DD023514	0.29	0.008	1.80	0.54	27.4	<0.2	<10	1280	0.65	0.16	1.60	1.07	4.82	6.0	20
DD023515	0.24	0.004	0.92	0.45	29.0	<0.2	<10	1170	0.49	0.14	0.97	0.48	3.82	4.1	17
DD023516	0.45	0.007	1.20	0.25	14.9	<0.2	<10	1390	0.57	0.24	0.32	0.41	3.39	7.2	16
DD023517	0.14	0.007	1.05	0.66	46.8	<0.2	<10	1370	0.76	0.21	0.92	1.13	9.26	8.1	25
DD023518	0.31	0.004	1.83	0.53	54.4	<0.2	<10	1330	0.72	0.18	0.58	1.34	4.36	5.0	25
DD023519	0.30	0.003	0.35	0.76	38.5	<0.2	<10	1000	0.44	0.19	0.16	0.41	7.33	4.1	24
DD023520	0.24	0.004	1.23	0.70	35.4	<0.2	<10	780	0.68	0.15	0.94	0.38	5.26	6.1	24
DD023521	0.28	0.006	0.79	0.54	27.7	<0.2	<10	1160	0.51	0.14	2.39	1.05	6.36	4.2	17
DD023522	0.36	0.004	2.09	0.53	24.2	<0.2	<10	1200	0.58	0.17	0.65	0.75	7.53	3.8	20
DD023523	0.17	0.004	0.37	0.36	10.0	<0.2	10	690	0.32	0.06	4.32	1.28	2.89	2.8	7
DD023524	0.17	0.004	1.11	0.45	25.1	<0.2	10	640	0.63	0.12	1.95	0.89	3.73	3.8	14
DD023525	0.29	0.005	1.84	0.56	34.0	<0.2	10	1410	0.63	0.17	1.01	0.94	3.57	8.5	22
DD023526	0.28	0.007	2.47	0.61	64.5	<0.2	10	1150	0.81	0.23	0.59	1.38	5.47	4.7	29
DD023527	0.31	0.007	1.18	0.58	72.5	<0.2	<10	1400	0.71	0.20	0.55	0.61	5.32	6.4	29
DD023528	0.38	0.004	1.18	0.51	45.6	<0.2	10	1490	0.66	0.17	0.72	0.73	4.17	3.1	24
DD023529	0.39	0.004	1.19	0.45	41.5	<0.2	10	1190	0.56	0.16	1.58	1.01	4.08	3.8	21
DD023530	0.14	0.005	0.76	0.54	34.4	<0.2	10	980	0.48	0.13	2.31	0.86	4.55	5.5	17
DD023531	0.32	0.004	1.60	0.41	34.3	<0.2	10	1080	0.56	0.14	0.87	0.87	3.14	2.5	20
DD023532	0.38	0.004	2.32	0.36	31.9	<0.2	10	790	0.58	0.20	0.63	0.83	3.83	3.2	20
DD023533	0.26	0.004	1.13	0.52	30.7	<0.2	<10	600	0.52	0.15	1.18	0.68	3.72	4.2	18

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
CC135744		0.59	32.4	2.83	3.36	<0.05	0.06	0.36	0.029	0.08	8.6	14.8	0.96	340	2.50	<0.01
CC135745		0.52	19.2	3.04	4.01	<0.05	0.05	0.13	0.032	0.06	10.5	15.0	0.33	299	2.06	<0.01
CC135746		0.79	27.5	2.71	4.77	<0.05	0.02	0.12	0.030	0.04	12.9	10.0	0.20	1280	1.34	<0.01
CC135747		0.86	28.3	4.30	3.95	0.10	0.07	0.38	0.044	0.04	28.1	15.9	0.47	1620	2.81	<0.01
CC135748		0.83	26.6	2.89	4.13	0.05	0.04	0.18	0.031	0.06	13.6	16.3	0.45	419	1.53	0.01
CC135749		0.62	38.1	3.36	3.95	<0.05	0.07	0.24	0.033	0.08	8.1	17.8	0.38	478	2.09	<0.01
CC135750		0.54	34.5	3.24	3.26	<0.05	0.07	0.15	0.030	0.06	8.4	16.8	0.37	472	2.24	<0.01
DD023501		0.59	32.8	2.96	3.55	<0.05	0.06	0.25	0.029	0.07	6.8	14.5	0.34	371	1.16	0.01
DD023502		0.53	31.4	3.32	3.10	0.05	0.06	0.15	0.031	0.05	9.0	17.3	0.36	559	2.03	<0.01
DD023503		0.71	28.8	1.66	2.46	<0.05	0.04	0.25	0.028	0.05	3.2	3.2	0.08	76	2.11	<0.01
DD023504		0.68	12.1	1.50	2.90	<0.05	<0.02	0.02	0.017	0.04	5.1	1.7	0.05	44	3.07	<0.01
DD023505		0.70	23.9	2.43	3.73	<0.05	0.03	0.09	0.029	0.04	6.2	8.0	0.17	176	3.00	<0.01
DD023506		1.51	87.8	2.47	1.45	0.05	0.04	0.46	0.039	0.07	2.8	3.1	0.06	109	5.26	<0.01
DD023507		0.79	47.7	2.33	2.66	<0.05	0.03	0.18	0.036	0.04	4.3	5.7	0.11	178	2.69	<0.01
DD023508		0.67	51.6	2.48	2.16	0.05	0.05	0.18	0.027	0.06	3.2	5.8	0.16	190	4.37	<0.01
DD023509		0.77	52.8	2.47	1.94	0.05	0.04	0.16	0.030	0.06	3.4	5.9	0.15	170	4.21	<0.01
DD023510		0.50	42.7	1.84	1.24	0.05	0.02	0.04	0.041	0.06	4.2	3.7	0.03	89	5.56	<0.01
DD023511		1.34	62.1	3.21	1.43	0.05	0.03	0.23	0.039	0.07	2.7	2.5	0.04	112	6.64	<0.01
DD023512		0.60	42.8	2.28	1.86	<0.05	0.03	0.28	0.030	0.05	3.7	3.5	0.08	376	3.39	<0.01
DD023513		0.83	26.3	2.96	3.26	<0.05	0.02	0.15	0.030	0.05	6.3	6.7	0.09	210	4.05	<0.01
DD023514		0.59	57.4	1.89	1.44	<0.05	0.05	0.41	0.027	0.07	3.2	3.5	0.07	198	3.02	<0.01
DD023515		0.63	36.9	1.87	1.35	<0.05	0.04	0.17	0.026	0.06	2.3	2.6	0.06	142	3.07	<0.01
DD023516		1.59	55.0	2.22	0.83	<0.05	0.09	0.22	0.047	0.09	1.7	0.6	0.02	151	6.01	<0.01
DD023517		0.57	54.7	2.53	1.99	0.05	0.04	0.37	0.034	0.09	4.8	4.9	0.12	123	4.05	<0.01
DD023518		1.33	71.2	2.55	1.45	<0.05	0.03	0.35	0.034	0.07	2.6	2.8	0.05	145	4.51	<0.01
DD023519		0.68	25.2	2.01	2.75	<0.05	<0.02	0.10	0.029	0.06	3.9	4.4	0.06	77	4.27	<0.01
DD023520		0.67	36.0	1.94	1.82	<0.05	0.04	0.12	0.029	0.05	2.9	5.1	0.07	175	3.13	<0.01
DD023521		0.60	35.8	1.61	1.62	<0.05	0.03	0.25	0.021	0.04	3.6	3.6	0.13	217	2.39	<0.01
DD023522		0.69	37.5	2.17	1.66	<0.05	0.02	0.17	0.029	0.05	4.1	2.2	0.03	82	3.70	<0.01
DD023523		0.29	28.6	0.68	0.83	<0.05	0.03	0.14	0.007	0.02	1.5	0.9	0.21	363	0.76	0.01
DD023524		0.55	42.0	1.34	1.11	<0.05	0.04	0.14	0.022	0.04	2.1	2.9	0.10	192	2.84	<0.01
DD023525		0.67	60.1	2.09	1.68	<0.05	0.03	0.20	0.028	0.05	2.3	2.7	0.08	458	2.49	<0.01
DD023526		0.96	76.8	2.66	1.77	0.05	0.03	0.32	0.042	0.08	3.3	3.2	0.06	118	5.51	<0.01
DD023527		0.98	49.3	2.57	1.79	<0.05	0.04	0.29	0.037	0.07	3.0	4.2	0.06	104	5.34	<0.01
DD023528		0.83	49.8	2.26	1.66	<0.05	0.05	0.19	0.031	0.08	2.6	2.5	0.05	37	4.52	<0.01
DD023529		0.60	48.7	2.02	1.40	<0.05	0.03	0.55	0.029	0.08	2.5	2.4	0.20	107	3.56	<0.01
DD023530		0.60	30.4	2.03	1.54	<0.05	0.04	0.21	0.022	0.04	2.5	3.5	0.14	505	2.27	<0.01
DD023531		0.96	46.3	1.35	1.32	<0.05	0.04	0.16	0.024	0.06	2.1	1.7	0.04	55	2.55	<0.01
DD023532		1.14	61.1	1.51	1.22	0.06	0.03	0.21	0.034	0.08	2.5	1.7	0.04	40	4.01	<0.01
DD023533		0.65	34.1	1.60	1.43	<0.05	0.04	0.13	0.024	0.05	2.2	3.5	0.10	181	3.23	<0.01

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Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
CC135744		0.43	37.1	710	15.5	6.5	<0.001	0.03	1.20	4.5	1.7	0.4	33.8	<0.01	0.06	1.7
CC135745		0.72	27.4	390	14.7	8.8	<0.001	0.01	0.67	3.9	1.0	0.5	14.6	<0.01	0.04	3.2
CC135746		0.66	21.9	1090	19.1	6.5	<0.001	0.04	0.54	3.0	1.3	0.5	34.1	<0.01	0.05	0.8
CC135747		0.75	36.9	1260	31.6	8.8	0.001	0.05	1.27	8.7	2.5	0.4	29.8	0.01	0.07	2.4
CC135748		0.92	31.2	750	16.2	8.5	<0.001	0.02	0.79	4.4	1.0	0.4	27.0	<0.01	0.05	2.6
CC135749		0.66	38.6	760	18.0	7.3	0.001	0.02	0.90	5.0	1.4	0.5	23.6	<0.01	0.05	3.1
CC135750		0.72	36.6	860	17.5	5.1	<0.001	0.01	0.95	4.4	1.4	0.3	22.0	<0.01	0.05	3.6
DD023501		0.62	33.4	790	16.1	7.2	0.001	0.07	1.00	3.5	2.0	0.4	22.3	<0.01	0.06	1.8
DD023502		0.84	35.5	780	18.2	4.8	0.001	0.01	0.86	4.5	1.3	0.3	19.6	<0.01	0.03	3.5
DD023503		0.23	46.3	700	9.6	6.4	0.003	0.11	0.70	3.6	3.6	0.4	106.0	<0.01	0.05	0.4
DD023504		0.51	22.6	240	7.8	7.2	<0.001	0.01	0.66	1.4	1.6	0.4	18.2	<0.01	0.04	1.3
DD023505		0.59	29.3	750	12.0	6.6	0.003	0.05	0.75	2.8	3.4	0.5	43.6	<0.01	0.06	1.3
DD023506		0.09	97.9	1390	12.5	8.3	0.015	0.12	1.59	6.9	7.9	0.4	144.0	<0.01	0.10	0.6
DD023507		0.29	42.0	1080	10.1	7.7	0.007	0.08	0.98	4.0	8.1	0.4	73.3	<0.01	0.11	0.8
DD023508		0.16	60.6	690	11.0	6.0	0.010	0.11	1.23	4.6	9.1	0.4	101.0	<0.01	0.09	0.9
DD023509		0.14	64.3	880	10.7	6.5	0.008	0.09	1.34	4.5	8.2	0.3	125.5	<0.01	0.11	1.0
DD023510		0.08	42.1	1580	12.3	5.7	0.003	0.08	1.27	3.0	7.4	0.3	183.0	<0.01	0.24	1.5
DD023511		0.07	87.1	1680	10.8	8.0	0.012	0.08	1.85	5.9	8.4	0.3	145.0	<0.01	0.16	1.1
DD023512		0.21	43.8	1070	10.7	6.3	0.011	0.09	1.15	4.1	6.9	0.3	89.5	<0.01	0.08	0.5
DD023513		0.48	49.2	560	16.2	8.6	0.001	0.02	1.03	3.8	2.6	0.5	35.2	<0.01	0.06	1.8
DD023514		0.12	70.3	560	8.7	5.8	0.005	0.10	1.17	7.2	5.9	0.3	101.0	<0.01	0.06	0.7
DD023515		0.07	47.2	1000	8.2	6.1	0.010	0.07	0.90	3.7	4.1	0.3	102.5	<0.01	0.06	0.9
DD023516		<0.05	66.2	690	11.5	7.4	0.014	0.04	1.54	7.5	3.2	0.3	73.1	<0.01	0.10	2.4
DD023517		0.24	76.2	720	16.4	5.9	0.004	0.11	1.32	6.8	10.1	0.4	99.7	<0.01	0.08	1.4
DD023518		0.08	86.3	1340	11.6	7.5	0.010	0.10	1.44	5.7	6.7	0.3	124.5	<0.01	0.09	0.7
DD023519		0.20	39.4	550	11.7	8.0	0.001	0.02	0.91	2.8	2.4	0.5	40.2	<0.01	0.08	1.1
DD023520		0.13	36.5	860	9.6	6.8	0.007	0.07	0.83	3.3	4.3	0.3	115.5	<0.01	0.12	0.9
DD023521		0.21	38.3	750	8.3	5.9	0.007	0.12	1.14	2.7	4.7	0.3	136.0	<0.01	0.07	0.3
DD023522		0.16	61.7	750	9.7	5.4	0.003	0.03	1.29	4.1	4.5	0.3	51.0	<0.01	0.12	1.4
DD023523		0.15	25.8	940	3.5	1.6	0.016	0.25	0.84	0.8	6.6	<0.2	163.0	<0.01	0.03	<0.2
DD023524		0.10	44.2	870	7.4	5.2	0.012	0.15	1.13	2.5	6.4	0.2	160.5	<0.01	0.09	0.4
DD023525		0.07	90.3	620	9.3	5.8	0.011	0.06	1.03	4.9	5.5	0.4	102.0	<0.01	0.13	0.8
DD023526		0.11	81.8	1270	14.6	8.2	0.009	0.09	1.56	6.5	9.3	0.4	168.5	<0.01	0.15	1.1
DD023527		0.13	77.7	880	13.2	6.8	0.002	0.05	1.37	6.7	3.8	0.4	95.5	<0.01	0.07	1.3
DD023528		0.07	50.8	1000	9.6	7.4	0.008	0.06	1.14	5.7	8.9	0.4	113.5	<0.01	0.07	1.3
DD023529		0.07	56.7	860	11.5	6.3	0.010	0.09	1.09	5.3	6.8	0.3	124.0	<0.01	0.07	0.9
DD023530		0.16	51.0	800	8.8	5.7	0.021	0.21	1.01	2.8	9.1	0.3	142.0	<0.01	0.06	0.4
DD023531		0.05	53.7	1070	9.6	6.3	0.011	0.10	1.06	3.5	6.2	0.3	125.5	<0.01	0.12	0.7
DD023532		<0.05	69.8	1100	12.7	7.6	0.007	0.14	1.49	5.2	13.8	0.3	135.0	<0.01	0.14	1.2
DD023533		0.10	40.6	900	9.2	6.3	0.011	0.09	0.90	2.9	4.9	0.3	130.5	<0.01	0.14	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
CC135744		0.005	0.25	1.48	57	0.13	14.35	142	2.0
CC135745		0.007	0.15	1.07	56	0.11	11.40	123	1.7
CC135746		0.014	0.09	2.39	67	0.13	14.40	88	0.6
CC135747		0.006	0.26	3.49	100	0.13	43.7	152	1.9
CC135748		0.019	0.14	1.47	54	0.15	13.20	117	1.3
CC135749		0.007	0.14	1.41	46	0.08	11.85	136	2.2
CC135750		0.011	0.10	0.98	44	0.06	11.20	144	2.5
DD023501		0.005	0.16	7.61	44	0.11	9.44	116	1.8
DD023502		0.012	0.11	0.87	44	0.05	12.25	144	2.3
DD023503		<0.005	0.12	5.71	51	0.06	13.65	113	1.5
DD023504		0.011	0.12	0.58	57	0.14	2.76	79	<0.5
DD023505		0.011	0.10	2.08	60	0.14	7.73	91	1.2
DD023506		<0.005	0.24	5.23	55	0.05	28.5	298	1.2
DD023507		<0.005	0.11	5.28	69	0.09	21.1	103	1.3
DD023508		<0.005	0.10	3.52	53	<0.05	21.1	136	1.9
DD023509		<0.005	0.12	2.75	52	<0.05	20.4	179	1.7
DD023510		<0.005	0.14	4.92	72	<0.05	20.2	167	0.7
DD023511		<0.005	0.18	3.82	60	0.07	26.5	297	1.1
DD023512		<0.005	0.10	4.65	54	0.10	23.6	111	1.4
DD023513		0.008	0.16	1.50	82	0.11	10.40	191	1.0
DD023514		<0.005	0.15	3.73	41	0.06	26.9	143	2.6
DD023515		<0.005	0.09	2.90	43	0.19	17.20	165	1.7
DD023516		<0.005	0.15	2.30	42	<0.05	18.35	191	4.8
DD023517		0.005	0.12	3.32	60	0.08	23.9	220	2.3
DD023518		<0.005	0.20	4.18	54	<0.05	25.5	294	1.1
DD023519		<0.005	0.13	1.66	69	0.06	9.49	146	<0.5
DD023520		<0.005	0.09	2.62	58	<0.05	16.50	109	1.3
DD023521		0.005	0.11	3.64	46	0.08	17.95	111	1.6
DD023522		0.005	0.14	1.56	58	0.05	24.6	173	0.8
DD023523		0.005	0.05	4.72	15	0.06	8.40	63	1.4
DD023524		<0.005	0.10	2.63	37	0.05	17.90	148	1.9
DD023525		<0.005	0.11	1.34	49	<0.05	27.7	204	1.4
DD023526		<0.005	0.18	3.94	68	0.05	27.6	234	1.4
DD023527		<0.005	0.15	2.59	62	0.05	20.4	263	1.7
DD023528		<0.005	0.10	3.47	51	<0.05	21.6	206	2.5
DD023529		<0.005	0.13	2.16	47	<0.05	20.6	192	1.8
DD023530		<0.005	0.10	6.94	41	0.05	13.50	141	1.5
DD023531		<0.005	0.16	2.91	45	<0.05	17.15	164	1.4
DD023532		<0.005	0.17	2.57	45	<0.05	21.5	209	1.3
DD023533		<0.005	0.12	2.03	47	<0.05	13.20	154	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD023534	0.13	0.004	0.73	0.34	15.6	<0.2	<10	1060	0.52	0.06	2.62	2.03	3.80	19.9	5
DD023535	0.30	0.005	1.29	0.55	44.0	<0.2	10	1180	0.74	0.14	2.14	0.83	5.69	4.9	23
DD023536	0.17	0.003	0.48	0.25	3.9	<0.2	10	950	0.23	0.05	5.19	1.12	2.06	2.2	5
DD023537	0.25	0.003	0.98	0.51	32.0	<0.2	<10	890	0.48	0.15	0.93	0.53	4.68	3.9	20
DD023538	0.30	0.003	1.24	0.60	37.1	<0.2	10	820	0.64	0.15	0.82	0.66	4.01	5.4	21
DD023539	0.22	0.004	1.59	0.47	38.7	<0.2	10	1120	0.63	0.16	0.75	0.58	3.16	5.8	21
DD023540	0.28	0.005	1.70	0.50	34.3	<0.2	10	1160	0.63	0.16	1.14	1.54	4.45	6.4	22
DD023541	0.23	0.004	0.94	0.33	31.9	<0.2	10	430	0.36	0.11	6.40	0.40	2.68	6.3	13
DD023542	0.20	0.005	1.43	0.45	77.6	<0.2	10	1150	0.69	0.18	0.79	0.82	4.58	7.9	24
DD023543	0.34	0.005	1.07	0.39	56.3	<0.2	10	1100	0.60	0.15	0.71	0.96	4.34	5.0	21
DD023544	0.23	0.005	1.64	0.46	39.7	<0.2	10	990	0.63	0.17	1.06	0.90	4.31	3.1	19
DD023545	0.22	0.009	2.32	0.55	51.7	<0.2	10	990	0.71	0.16	0.46	0.75	3.52	5.2	26
DD023546	0.23	0.004	1.06	0.35	21.0	<0.2	10	680	0.38	0.10	1.79	0.66	2.14	1.9	14
DD023547	0.23	0.004	1.23	0.60	31.0	<0.2	10	740	0.52	0.15	1.21	0.65	4.51	6.1	20
DD023548	0.30	0.006	0.95	0.62	22.0	<0.2	<10	830	0.50	0.13	1.08	0.62	8.67	4.6	18
DD023549	0.27	0.004	1.29	0.53	25.3	<0.2	<10	830	0.58	0.15	0.91	0.88	5.18	4.4	18
DD023550	0.18	0.005	1.12	0.44	28.7	<0.2	<10	880	0.40	0.12	1.58	1.00	5.27	5.4	17
DD023551	0.19	0.004	1.38	0.57	28.8	<0.2	10	790	0.58	0.14	1.33	0.85	5.21	5.5	19
DD023552	0.28	0.005	1.43	0.46	35.0	<0.2	10	850	0.53	0.14	1.06	0.74	3.25	4.1	18
DD023553	0.32	0.005	1.80	0.55	59.9	<0.2	<10	1230	0.86	0.17	0.72	1.01	5.31	6.1	24
DD023554	0.15	0.006	1.86	0.44	47.1	<0.2	10	860	0.55	0.16	1.19	1.60	3.78	5.3	19
DD023555	0.30	0.004	1.44	0.47	43.1	<0.2	10	1160	0.64	0.14	1.06	0.93	3.88	5.0	19
DD023556	0.33	0.007	1.24	0.27	70.8	<0.2	10	1270	0.46	0.16	0.61	0.31	1.82	1.4	14
DD023557	0.31	0.004	1.51	0.50	24.6	<0.2	10	860	0.51	0.14	1.74	0.58	5.52	4.3	20
DD023558	0.27	0.003	1.19	0.56	32.3	<0.2	<10	780	0.54	0.14	0.92	0.87	4.97	5.6	18
DD023559	0.28	0.004	1.59	0.40	38.6	<0.2	10	780	0.58	0.14	0.87	0.65	3.80	4.4	16
DD023560	0.56	0.009	1.69	0.59	117.0	<0.2	<10	1090	0.78	0.17	2.37	1.17	9.09	5.2	23
DD023561	0.33	0.005	1.86	0.43	11.3	<0.2	<10	340	0.39	0.17	0.81	0.52	8.71	5.9	15
DD023562	0.48	0.002	0.46	0.60	11.4	<0.2	<10	400	0.33	0.23	0.08	0.42	10.10	8.0	14
DD023563	0.31	0.003	0.40	0.58	6.8	<0.2	<10	490	0.42	0.14	2.81	0.82	14.10	5.1	13
DD023564	0.25	0.003	1.01	0.51	6.6	<0.2	10	920	0.38	0.15	2.36	0.73	12.65	4.3	13
DD023565	0.33	0.003	0.95	0.73	9.0	<0.2	<10	1120	0.39	0.17	1.85	0.75	13.80	5.9	14
DD023566	0.39	0.003	0.37	0.72	14.7	<0.2	10	490	0.55	0.19	5.70	2.25	17.60	7.6	22
DD023567	0.28	0.006	0.12	0.51	5.0	<0.2	10	300	0.31	0.10	6.37	3.63	9.96	3.5	10
DD023568	0.35	0.002	0.64	0.87	35.7	<0.2	10	430	0.67	0.21	1.67	2.22	10.30	5.2	20
DD023569	0.24	0.001	0.18	1.11	31.6	<0.2	<10	530	0.52	0.21	1.26	2.93	15.75	7.0	24
DD023570	0.26	0.002	0.70	1.15	69.0	<0.2	<10	420	0.70	0.21	0.83	1.13	19.90	7.3	29
DD023571	0.33	0.004	0.88	0.82	46.9	<0.2	<10	600	0.55	0.17	1.68	0.89	15.15	5.8	23
DD023572	0.31	0.002	0.31	1.10	25.6	<0.2	<10	630	0.53	0.16	2.33	0.55	12.10	5.8	20
DD023573	0.44	0.002	0.18	1.34	36.0	<0.2	<10	410	0.72	0.21	1.15	0.57	13.55	10.0	24

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023534		0.25	34.4	2.23	0.54	<0.05	0.04	0.10	0.012	0.01	2.2	0.3	0.06	787	3.01	0.01
DD023535		0.59	47.6	1.90	1.49	<0.05	0.03	0.44	0.027	0.06	3.4	2.9	0.26	222	2.89	<0.01
DD023536		0.30	24.6	0.52	0.49	<0.05	0.06	0.09	0.006	0.02	1.2	0.7	0.11	190	0.58	0.01
DD023537		0.80	28.3	2.20	1.40	<0.05	0.03	0.12	0.023	0.05	2.8	2.0	0.04	163	4.71	<0.01
DD023538		0.70	39.6	1.78	1.59	<0.05	0.04	0.24	0.026	0.05	2.4	2.9	0.06	177	4.44	<0.01
DD023539		0.74	54.1	2.44	1.37	0.05	0.04	0.17	0.030	0.07	2.0	2.1	0.06	279	5.32	<0.01
DD023540		0.89	57.9	1.71	1.45	<0.05	0.04	0.23	0.030	0.06	2.7	2.7	0.06	236	3.58	<0.01
DD023541		0.40	20.9	2.02	0.92	<0.05	0.06	0.25	0.023	0.06	1.6	2.3	0.09	1170	1.88	0.01
DD023542		0.95	60.4	2.97	1.50	<0.05	0.04	0.46	0.034	0.07	2.8	2.8	0.06	305	6.19	<0.01
DD023543		0.86	46.4	1.89	1.35	<0.05	0.05	0.29	0.028	0.06	2.6	2.2	0.05	115	4.23	<0.01
DD023544		0.77	58.3	2.15	1.33	0.05	0.05	0.30	0.026	0.06	2.5	2.5	0.07	79	2.96	<0.01
DD023545		0.79	53.6	2.39	1.48	<0.05	0.03	0.22	0.035	0.07	2.4	2.3	0.04	149	5.47	<0.01
DD023546		0.57	34.9	1.30	0.92	<0.05	0.05	0.16	0.019	0.04	1.3	1.1	0.07	68	3.17	0.01
DD023547		0.75	32.6	1.72	1.64	<0.05	0.04	0.21	0.027	0.05	2.5	3.5	0.09	304	2.99	<0.01
DD023548		0.68	27.1	1.69	1.80	<0.05	0.04	0.18	0.023	0.06	4.4	6.0	0.15	73	1.79	<0.01
DD023549		0.70	38.7	1.90	1.44	<0.05	0.03	0.18	0.023	0.05	2.9	2.8	0.06	111	2.82	<0.01
DD023550		0.60	30.5	1.67	1.31	<0.05	0.05	0.24	0.023	0.04	2.9	2.8	0.09	276	3.21	<0.01
DD023551		0.64	35.1	1.88	1.49	<0.05	0.04	0.20	0.024	0.05	2.9	3.5	0.09	210	3.00	<0.01
DD023552		0.70	34.7	1.70	1.21	<0.05	0.04	0.20	0.025	0.05	1.9	2.0	0.06	316	3.34	<0.01
DD023553		1.06	72.8	2.40	1.60	<0.05	0.04	0.35	0.037	0.06	3.1	3.8	0.06	105	6.53	<0.01
DD023554		0.60	53.1	2.13	1.21	<0.05	0.05	0.31	0.028	0.06	2.2	2.9	0.07	348	4.44	<0.01
DD023555		0.88	49.5	2.11	1.34	<0.05	0.05	0.30	0.028	0.05	2.3	2.2	0.07	295	4.31	0.01
DD023556		0.87	48.7	1.03	1.19	<0.05	0.05	0.72	0.028	0.05	1.1	1.4	0.05	72	3.36	<0.01
DD023557		0.65	32.7	1.60	1.39	<0.05	0.03	0.21	0.024	0.04	3.2	2.3	0.06	182	2.15	<0.01
DD023558		0.73	31.9	1.90	1.56	<0.05	0.04	0.17	0.025	0.05	2.8	3.6	0.08	208	3.33	<0.01
DD023559		0.75	40.8	1.94	1.12	<0.05	0.04	0.17	0.026	0.06	2.3	2.5	0.06	122	2.80	<0.01
DD023560		1.23	41.9	2.00	2.04	<0.05	0.04	8.00	0.032	0.07	4.8	4.8	1.06	109	4.64	<0.01
DD023561		3.20	59.5	2.01	1.34	0.05	0.03	0.14	0.032	0.06	4.6	1.6	0.03	227	4.85	<0.01
DD023562		5.53	36.0	2.62	1.92	<0.05	<0.02	0.08	0.030	0.07	4.8	2.3	0.05	172	2.04	<0.01
DD023563		0.69	16.8	1.39	1.56	<0.05	0.02	0.11	0.017	0.04	12.9	3.7	0.12	369	0.80	<0.01
DD023564		2.03	19.5	1.44	1.27	<0.05	0.03	0.15	0.025	0.05	10.6	2.7	0.10	202	0.97	<0.01
DD023565		2.84	17.7	1.59	1.93	<0.05	0.05	0.15	0.025	0.05	10.7	3.3	0.10	175	0.93	0.01
DD023566		0.78	16.9	2.04	1.80	0.07	0.04	0.07	0.024	0.07	30.0	4.7	0.14	606	0.80	<0.01
DD023567		0.25	12.4	0.73	1.09	0.05	0.04	0.11	0.015	0.03	21.4	1.6	0.08	641	0.52	0.01
DD023568		1.77	26.1	1.90	2.40	<0.05	0.04	0.10	0.032	0.10	11.5	5.0	0.11	196	2.75	<0.01
DD023569		1.34	14.7	2.24	3.19	<0.05	0.03	0.05	0.026	0.07	13.4	5.8	0.12	843	1.38	0.01
DD023570		1.48	18.3	2.47	3.08	0.05	0.03	0.11	0.031	0.07	18.6	6.4	0.15	326	2.61	0.01
DD023571		1.14	29.4	1.83	2.19	0.05	0.04	0.19	0.025	0.07	15.1	5.6	0.17	228	1.60	0.01
DD023572		0.90	18.6	1.86	2.80	<0.05	0.04	0.11	0.022	0.05	9.6	8.3	0.20	273	0.87	0.01
DD023573		0.93	24.7	2.75	3.65	<0.05	0.04	0.08	0.029	0.07	10.1	19.2	0.34	250	1.14	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023534		0.11	58.9	1000	2.1	1.0	0.006	0.21	1.00	1.7	6.1	<0.2	152.0	<0.01	0.06	0.4
DD023535		0.12	57.5	920	12.6	5.3	0.003	0.06	1.12	3.5	4.1	0.3	103.5	<0.01	0.08	0.4
DD023536		0.11	28.6	820	2.4	2.2	0.004	0.27	0.60	0.6	3.5	<0.2	203	<0.01	0.03	0.2
DD023537		0.10	42.3	1150	9.4	7.1	0.006	0.05	0.99	2.4	5.7	0.3	99.8	<0.01	0.18	1.1
DD023538		0.09	47.5	900	10.0	6.8	0.005	0.07	0.96	3.3	4.7	0.3	122.0	<0.01	0.14	0.8
DD023539		0.05	68.1	980	9.6	6.9	0.009	0.10	1.42	4.3	7.9	0.3	130.5	<0.01	0.12	0.9
DD023540		0.09	82.6	1110	9.6	6.6	0.011	0.09	1.30	4.7	6.7	0.3	126.5	<0.01	0.11	0.8
DD023541		0.08	52.6	730	7.9	4.7	0.016	0.32	0.66	2.5	6.9	0.3	189.5	<0.01	0.04	0.6
DD023542		0.07	91.9	860	12.3	6.1	0.007	0.06	1.29	5.6	6.2	0.4	111.5	<0.01	0.10	1.1
DD023543		0.06	63.3	960	11.4	5.8	0.009	0.06	1.16	4.9	5.2	0.4	105.5	<0.01	0.08	1.0
DD023544		0.10	72.3	850	11.0	6.3	0.018	0.11	1.10	5.0	8.7	0.3	110.0	<0.01	0.09	0.9
DD023545		0.05	78.2	1200	10.7	6.5	0.011	0.13	1.48	4.7	8.4	0.4	148.0	<0.01	0.21	0.8
DD023546		0.07	51.9	670	6.1	5.2	0.004	0.13	0.94	2.5	5.3	0.3	138.5	<0.01	0.08	0.4
DD023547		0.11	42.3	830	10.2	7.0	0.011	0.09	0.81	3.3	4.8	0.3	111.0	<0.01	0.13	0.7
DD023548		0.14	39.2	1040	8.5	5.6	0.007	0.06	0.71	3.1	3.2	0.3	84.2	<0.01	0.11	1.5
DD023549		0.12	44.7	800	8.6	5.7	0.005	0.07	0.90	3.0	5.9	0.3	72.9	<0.01	0.10	1.1
DD023550		0.13	38.3	950	9.1	4.7	0.004	0.11	1.07	2.8	4.8	0.3	94.0	<0.01	0.09	0.6
DD023551		0.11	48.3	1020	9.5	6.9	0.012	0.08	0.85	3.0	5.6	0.3	107.0	<0.01	0.14	0.9
DD023552		0.08	49.0	750	9.1	6.2	0.007	0.09	0.87	3.3	6.0	0.3	116.5	<0.01	0.13	0.6
DD023553		0.11	57.1	1070	12.6	6.8	0.006	0.05	1.31	6.7	6.1	0.4	111.0	<0.01	0.11	1.0
DD023554		0.10	72.9	1070	11.5	6.2	0.012	0.12	1.20	4.0	6.7	0.3	132.5	<0.01	0.15	0.5
DD023555		0.08	70.8	1040	9.1	6.4	0.012	0.11	1.16	4.4	6.8	0.3	117.0	<0.01	0.10	0.6
DD023556		<0.05	21.8	440	15.4	4.3	0.009	0.08	0.85	5.0	2.3	0.3	86.8	<0.01	0.07	0.5
DD023557		0.13	35.8	870	8.6	5.3	0.007	0.09	0.83	2.3	4.9	0.3	88.5	<0.01	0.08	0.5
DD023558		0.09	41.3	900	9.7	6.8	0.012	0.07	0.79	3.1	5.5	0.3	100.0	<0.01	0.13	1.0
DD023559		0.06	61.2	930	9.3	5.7	0.007	0.08	0.94	3.6	5.1	0.3	128.5	<0.01	0.14	0.9
DD023560		0.14	53.7	850	31.5	7.4	0.002	0.04	1.63	5.6	3.2	0.4	81.2	<0.01	0.09	1.7
DD023561		0.10	47.2	1710	9.8	8.1	0.003	0.05	1.21	2.4	4.9	0.4	46.4	<0.01	0.11	0.8
DD023562		0.26	44.8	720	12.0	11.5	0.001	0.04	1.36	3.2	1.8	0.4	14.0	<0.01	0.13	1.6
DD023563		0.25	17.5	1400	8.4	5.6	<0.001	0.18	0.55	0.7	1.4	0.2	36.2	<0.01	0.09	0.2
DD023564		0.20	24.0	1110	8.5	7.2	0.001	0.19	0.69	1.3	1.9	0.2	51.4	<0.01	0.08	0.4
DD023565		0.35	21.1	1350	9.3	7.1	0.001	0.23	0.70	1.7	1.8	0.3	49.9	<0.01	0.08	0.4
DD023566		0.18	23.4	1330	12.5	6.9	<0.001	0.13	0.57	1.2	2.0	0.3	53.7	<0.01	0.15	0.4
DD023567		0.22	9.3	1920	6.4	2.2	<0.001	0.28	0.26	0.6	1.7	0.2	54.0	0.01	0.07	0.2
DD023568		0.29	40.6	890	11.7	18.3	0.002	0.09	0.76	2.5	2.5	0.5	34.2	<0.01	0.06	0.6
DD023569		0.44	21.4	810	12.5	10.7	0.001	0.07	0.59	2.1	1.4	0.5	26.5	<0.01	0.10	0.5
DD023570		0.43	37.9	800	12.8	11.7	0.001	0.07	0.92	4.0	2.8	0.4	35.0	<0.01	0.10	1.0
DD023571		0.38	36.9	980	9.2	6.7	0.001	0.07	0.75	3.1	2.3	0.4	44.3	<0.01	0.06	0.8
DD023572		0.41	21.0	1130	9.3	6.3	<0.001	0.13	0.42	1.7	1.3	0.3	40.7	<0.01	0.04	0.5
DD023573		0.38	38.3	610	13.5	8.8	<0.001	0.06	0.51	3.4	1.2	0.4	25.2	<0.01	0.04	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD023534		0.005	0.02	2.07	15	0.05	24.8	143	2.1
DD023535		<0.005	0.11	2.21	52	0.06	26.5	186	1.5
DD023536		0.005	0.03	2.15	8	<0.05	5.03	102	1.4
DD023537		<0.005	0.12	1.86	51	0.05	13.25	149	1.1
DD023538		<0.005	0.11	2.37	53	<0.05	17.35	136	1.2
DD023539		<0.005	0.12	2.56	52	<0.05	21.0	201	1.3
DD023540		<0.005	0.15	4.78	51	<0.05	23.8	226	1.8
DD023541		<0.005	0.09	2.49	26	<0.05	11.60	174	2.0
DD023542		<0.005	0.12	3.55	50	0.05	22.1	276	1.7
DD023543		<0.005	0.13	2.50	47	<0.05	20.9	227	1.8
DD023544		<0.005	0.16	4.81	47	0.05	23.2	159	2.0
DD023545		<0.005	0.18	3.12	62	0.05	21.7	239	1.0
DD023546		<0.005	0.10	1.72	37	<0.05	12.10	146	1.9
DD023547		<0.005	0.14	1.89	48	<0.05	15.45	152	1.3
DD023548		<0.005	0.12	1.51	40	0.06	15.55	160	1.4
DD023549		<0.005	0.11	7.59	38	<0.05	15.75	173	1.3
DD023550		<0.005	0.11	2.28	40	<0.05	14.40	142	1.7
DD023551		<0.005	0.12	2.32	43	<0.05	18.30	192	1.4
DD023552		<0.005	0.13	2.22	44	<0.05	16.95	127	1.6
DD023553		<0.005	0.16	3.89	55	0.05	25.8	215	1.3
DD023554		<0.005	0.14	2.60	51	<0.05	18.40	270	1.6
DD023555		<0.005	0.14	2.65	47	<0.05	20.9	208	1.7
DD023556		<0.005	0.14	1.83	27	<0.05	9.34	78	1.8
DD023557		<0.005	0.13	2.75	39	0.05	16.90	101	1.3
DD023558		<0.005	0.12	2.27	43	0.05	16.45	162	1.2
DD023559		<0.005	0.12	1.39	40	<0.05	18.65	187	1.4
DD023560		<0.005	0.32	1.78	56	0.13	18.05	228	1.8
DD023561		<0.005	0.21	3.64	32	<0.05	21.5	169	0.7
DD023562		0.008	0.17	1.36	33	0.09	8.83	149	<0.5
DD023563		0.006	0.08	1.16	25	0.11	21.4	63	0.5
DD023564		0.005	0.12	1.67	23	0.09	19.45	111	1.1
DD023565		0.009	0.19	1.46	26	0.07	18.95	82	1.5
DD023566		0.005	0.11	0.50	33	0.08	54.4	170	0.9
DD023567		0.005	0.06	0.89	15	<0.05	38.0	105	1.1
DD023568		0.007	0.19	2.46	33	0.09	20.0	161	1.1
DD023569		0.012	0.15	1.01	50	0.11	17.80	153	0.6
DD023570		0.009	0.26	1.63	55	0.11	28.9	150	0.9
DD023571		0.009	0.16	1.13	39	0.13	29.5	107	1.2
DD023572		0.008	0.12	1.47	34	0.08	14.20	87	1.3
DD023573		0.007	0.14	1.15	34	0.08	16.90	116	1.1

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD023574		0.34	0.003	0.28	0.94	42.0	<0.2	<10	340	0.55	0.16	1.50	0.78	14.55	6.9	21
DD023575		0.23	0.004	0.21	0.90	33.0	<0.2	<10	480	0.46	0.13	2.40	1.57	9.33	6.2	17
DD023576		0.27	0.005	0.18	0.72	14.1	<0.2	<10	730	0.38	0.11	3.78	0.59	5.56	5.3	12
DD023577		0.24	0.003	0.34	1.04	21.9	<0.2	<10	720	0.76	0.15	3.83	0.54	9.42	7.5	18
DD023578		0.28	0.003	0.41	0.76	18.2	<0.2	<10	740	0.43	0.10	4.26	0.88	8.36	3.8	15
DD023579		0.42	0.003	0.71	1.02	50.3	<0.2	<10	950	0.68	0.17	0.62	0.45	12.90	6.0	28
DD023580		0.34	0.001	0.22	0.55	46.8	<0.2	<10	160	0.29	0.08	0.94	0.82	8.43	3.3	13
DD023581		0.22	0.002	0.23	0.76	7.6	<0.2	<10	680	0.38	0.12	4.19	2.89	9.75	4.9	14
DD023582		0.25	0.002	0.27	0.50	15.7	<0.2	10	600	0.35	0.10	5.17	1.21	10.95	4.2	14
DD023583		0.33	0.002	0.41	1.41	36.7	<0.2	10	430	0.75	0.25	2.79	4.36	25.9	9.5	32
DD023584		0.32	0.003	0.37	0.64	19.7	<0.2	<10	500	0.41	0.12	3.58	1.36	12.80	5.0	19
DD023585		0.24	0.003	0.63	0.55	10.0	<0.2	<10	650	0.37	0.11	3.91	1.58	13.80	4.9	14
DD023586		0.29	0.003	0.23	0.40	2.8	<0.2	10	460	0.25	0.09	4.85	0.86	6.75	4.3	9
DD023587		0.52	0.004	0.92	0.53	6.4	<0.2	<10	1200	0.34	0.21	0.63	0.44	6.08	3.7	12
DD023588		0.29	0.004	0.17	0.47	3.9	<0.2	10	460	0.28	0.10	4.38	0.98	7.43	3.8	12
DD023589		0.36	0.003	1.28	0.86	13.6	<0.2	10	850	0.54	0.21	1.90	1.20	26.2	8.9	23
DD023590		0.21	0.003	0.52	0.59	7.2	<0.2	<10	640	0.26	0.15	2.36	1.14	9.63	4.5	12
DD023591		0.26	0.003	0.56	0.74	11.5	<0.2	10	740	0.52	0.15	3.70	1.74	16.15	6.1	23
DD023592		0.27	0.004	0.65	0.93	29.6	<0.2	10	650	0.61	0.18	2.59	1.52	16.15	7.6	25
DD023593		0.31	0.002	0.44	1.14	34.2	<0.2	<10	650	0.69	0.19	3.31	2.17	16.15	8.2	25
DD023594		0.28	0.002	0.33	1.05	18.5	<0.2	<10	540	0.50	0.20	2.38	3.32	15.95	6.4	22
DD023595		0.33	0.001	0.17	0.88	60.1	<0.2	<10	250	0.46	0.16	0.33	0.55	14.75	5.5	22
DD023596		0.33	0.003	0.38	1.21	60.7	<0.2	<10	430	0.70	0.20	1.19	1.08	22.8	8.2	29
DD023597		0.29	0.002	0.22	0.68	10.0	<0.2	<10	440	0.35	0.09	4.04	3.78	8.73	3.3	12
DD023598		0.38	0.003	0.64	0.84	34.3	<0.2	<10	530	0.54	0.17	1.85	2.04	16.35	7.2	26
DD023599		0.30	0.003	0.34	1.17	20.9	<0.2	<10	660	0.70	0.16	3.15	1.21	13.35	7.5	23
DD023600		0.29	0.004	0.33	1.26	26.8	<0.2	<10	420	0.73	0.18	1.42	0.74	20.2	8.6	25
DD023601		0.25	0.005	2.22	0.45	28.2	<0.2	10	1220	0.48	0.13	2.95	1.31	4.41	3.8	20
DD023602		0.42	0.005	5.50	0.40	37.2	<0.2	10	780	0.61	0.15	1.83	1.37	5.07	5.2	33
DD023603		0.44	0.004	1.53	0.47	16.7	<0.2	10	660	0.41	0.13	2.75	0.67	6.43	4.2	22
DD023604		0.38	0.008	3.69	0.77	27.0	<0.2	10	510	0.63	0.18	2.01	0.82	11.30	6.7	37
DD023605		0.32	0.004	0.57	0.64	19.6	<0.2	<10	790	0.33	0.13	3.07	0.99	9.98	4.2	18
DD023606		0.36	0.001	0.19	1.62	57.8	<0.2	<10	320	0.92	0.16	1.03	1.68	35.7	12.2	34
DD023607		0.41	0.002	0.62	0.99	94.0	<0.2	<10	270	0.48	0.16	0.70	0.64	11.15	5.8	18
DD023608		0.36	0.002	0.17	0.42	185.0	<0.2	<10	110	0.16	0.15	0.02	0.32	8.19	2.7	15
DD023609		0.37	0.002	0.76	0.90	438	<0.2	<10	160	0.51	0.17	0.22	1.10	19.85	9.3	22
DD023610		0.23	0.002	0.15	0.58	46.1	<0.2	<10	140	0.30	0.10	4.09	2.81	10.15	5.2	13
DD023611		0.42	0.003	0.59	1.01	28.6	<0.2	10	550	0.64	0.18	2.35	0.63	13.00	9.2	22
DD023612		0.38	0.003	0.42	1.18	35.2	<0.2	<10	480	0.68	0.18	2.56	1.02	22.3	8.4	24
DD023613		0.24	0.004	0.29	1.20	37.7	<0.2	<10	690	0.46	0.19	2.23	0.38	13.10	6.1	23

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023574		0.80	21.9	2.13	2.63	<0.05	0.05	0.11	0.026	0.07	10.9	11.7	0.26	270	1.07	0.01
DD023575		0.65	25.0	1.70	2.38	<0.05	0.04	0.13	0.017	0.06	6.6	9.0	0.21	215	0.82	0.01
DD023576		0.29	22.4	1.35	1.79	<0.05	0.03	0.13	0.017	0.05	4.4	5.9	0.13	622	0.64	0.01
DD023577		0.76	45.2	1.92	2.40	0.05	0.05	0.20	0.021	0.05	8.4	9.5	0.19	957	0.78	0.01
DD023578		0.72	16.5	1.23	1.74	<0.05	0.03	0.14	0.016	0.03	12.1	3.7	0.10	260	0.82	0.01
DD023579		0.89	19.3	2.52	2.25	<0.05	0.04	0.10	0.032	0.07	7.7	6.1	0.10	167	3.56	0.01
DD023580		0.68	7.4	0.96	1.35	<0.05	0.03	0.07	0.014	0.03	13.0	2.9	0.08	344	0.64	0.01
DD023581		0.62	14.1	1.23	1.84	<0.05	0.04	0.09	0.016	0.04	13.8	2.8	0.09	676	0.68	0.01
DD023582		0.71	12.7	1.29	1.25	0.05	0.03	0.08	0.015	0.04	14.5	3.3	0.09	289	1.02	0.02
DD023583		0.79	21.2	2.86	3.04	0.09	0.05	0.07	0.036	0.09	46.9	7.2	0.25	927	1.36	0.01
DD023584		0.90	14.0	1.67	1.53	0.06	0.03	0.12	0.021	0.05	18.3	5.1	0.13	306	1.54	0.01
DD023585		1.52	15.7	1.36	1.21	<0.05	0.02	0.12	0.019	0.03	12.0	2.6	0.10	414	0.69	0.01
DD023586		0.66	11.8	0.89	0.84	<0.05	0.03	0.12	0.012	0.03	10.8	1.6	0.07	479	0.63	0.01
DD023587		3.03	21.0	1.86	1.27	<0.05	0.04	0.10	0.028	0.15	5.8	2.2	0.05	204	0.95	0.02
DD023588		0.40	12.2	0.96	1.08	<0.05	0.02	0.15	0.016	0.03	10.6	1.6	0.07	653	0.60	0.01
DD023589		5.71	26.2	2.49	2.00	0.06	0.03	0.16	0.033	0.07	20.0	5.9	0.18	378	1.72	0.01
DD023590		2.81	16.0	1.49	1.57	<0.05	0.03	0.13	0.019	0.05	5.5	3.5	0.12	329	0.98	0.01
DD023591		0.92	16.9	2.09	1.80	0.09	0.03	0.10	0.024	0.04	27.8	5.3	0.13	301	1.07	0.01
DD023592		1.25	21.2	2.44	2.25	0.07	0.04	0.12	0.031	0.06	26.4	6.7	0.17	319	1.28	0.01
DD023593		1.34	18.2	2.18	2.68	0.05	0.03	0.12	0.026	0.06	22.0	6.3	0.19	655	1.01	0.01
DD023594		1.38	14.7	2.06	2.71	0.05	0.03	0.09	0.024	0.06	16.9	5.7	0.15	541	0.91	0.01
DD023595		1.40	15.4	2.01	2.15	<0.05	0.02	0.04	0.026	0.05	5.6	6.1	0.10	142	1.96	0.01
DD023596		0.83	18.7	2.57	2.98	0.07	0.05	0.09	0.027	0.08	23.0	8.3	0.26	438	1.49	0.01
DD023597		0.53	13.7	1.02	1.56	<0.05	0.04	0.08	0.013	0.03	12.6	2.7	0.09	261	0.77	0.01
DD023598		1.06	18.4	2.07	2.06	0.06	0.03	0.10	0.025	0.07	18.0	7.8	0.17	396	1.28	0.01
DD023599		0.72	39.3	1.75	2.78	<0.05	0.07	0.18	0.024	0.06	9.6	11.1	0.26	234	0.41	0.01
DD023600		0.99	23.9	2.53	3.17	0.05	0.05	0.11	0.024	0.07	15.3	11.1	0.36	324	1.36	0.02
DD023601		0.32	37.8	2.02	1.13	<0.05	0.05	0.23	0.024	0.08	3.6	2.2	0.05	99	8.76	0.01
DD023602		0.74	78.5	4.02	0.95	0.09	0.04	0.22	0.036	0.10	5.1	1.0	0.07	114	9.34	0.02
DD023603		0.97	28.1	1.65	1.31	<0.05	0.03	0.16	0.020	0.06	5.2	2.5	0.10	223	1.73	0.01
DD023604		3.03	64.5	2.26	2.08	0.05	0.06	0.31	0.033	0.08	8.2	5.0	0.16	185	2.93	0.01
DD023605		0.71	14.6	1.26	2.07	<0.05	0.02	0.09	0.016	0.04	6.0	3.7	0.11	466	1.29	0.01
DD023606		1.21	17.1	2.71	2.48	0.05	0.02	0.06	0.042	0.03	9.8	8.4	0.07	1200	2.77	0.01
DD023607		1.92	14.2	1.66	2.49	<0.05	0.03	0.07	0.020	0.05	6.2	5.1	0.09	375	1.20	0.01
DD023608		1.30	15.3	1.96	2.25	<0.05	<0.02	0.02	0.018	0.04	5.1	1.6	0.04	36	2.28	0.01
DD023609		1.55	11.3	2.46	2.55	0.07	<0.02	0.07	0.025	0.04	11.6	6.4	0.07	492	3.34	0.01
DD023610		0.41	9.3	1.10	1.36	0.06	0.03	0.13	0.015	0.04	18.0	2.1	0.08	479	1.13	0.02
DD023611		1.35	24.1	2.28	2.57	<0.05	0.04	0.16	0.027	0.09	11.3	12.1	0.29	324	1.32	0.01
DD023612		0.86	17.7	2.43	2.95	0.06	0.04	0.14	0.028	0.06	20.2	9.9	0.31	453	1.17	0.02
DD023613		2.69	13.3	1.66	4.03	0.06	0.07	0.11	0.030	0.05	12.2	7.6	0.15	398	1.09	0.01

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1016-510 W HASTINGS ST
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Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023574		0.40	28.7	850	9.8	9.3	0.001	0.09	0.59	2.4	1.7	0.3	28.0	<0.01	0.03	0.8
DD023575		0.34	25.2	840	7.9	7.7	0.002	0.13	0.57	1.6	1.3	0.3	37.7	<0.01	0.04	0.4
DD023576		0.24	18.7	1170	6.6	5.7	0.001	0.17	0.54	0.6	1.6	0.2	53.6	<0.01	0.02	<0.2
DD023577		0.31	31.8	1220	9.1	7.0	0.002	0.17	0.76	1.2	2.6	0.3	51.7	<0.01	0.03	0.3
DD023578		0.32	16.1	1160	5.9	4.3	0.001	0.16	0.44	0.8	1.9	0.2	51.4	<0.01	0.04	0.2
DD023579		0.16	38.9	510	11.7	7.7	0.001	0.08	0.86	3.6	2.5	0.4	32.7	<0.01	0.10	1.3
DD023580		0.17	15.9	1070	5.2	3.9	<0.001	0.06	0.42	1.0	1.0	0.2	15.5	<0.01	0.02	0.3
DD023581		0.34	11.2	1890	7.6	4.4	<0.001	0.25	0.32	0.7	1.5	0.2	52.2	0.01	0.06	0.2
DD023582		0.22	15.5	1280	6.7	4.1	<0.001	0.21	0.41	0.7	1.7	0.2	50.4	<0.01	0.07	0.2
DD023583		0.36	37.9	1860	18.3	7.8	0.001	0.16	0.80	1.8	3.1	0.5	30.3	0.01	0.14	0.5
DD023584		0.26	20.0	1220	8.3	5.0	0.001	0.19	0.49	0.8	2.2	0.2	49.9	<0.01	0.07	0.2
DD023585		0.22	17.3	1510	7.1	5.5	0.001	0.23	0.53	0.8	1.9	0.2	66.8	<0.01	0.05	0.2
DD023586		0.16	11.7	1450	5.4	3.0	0.001	0.28	0.35	0.3	1.2	0.2	48.7	<0.01	0.06	<0.2
DD023587		0.10	15.6	710	13.1	11.1	0.001	0.27	0.97	2.4	1.5	0.3	26.2	<0.01	0.14	0.6
DD023588		0.17	8.8	1600	6.0	1.9	0.001	0.31	0.35	0.3	1.3	<0.2	50.4	<0.01	0.06	<0.2
DD023589		0.35	39.1	1230	13.1	10.5	0.001	0.13	0.99	2.3	2.9	0.4	36.6	<0.01	0.08	0.5
DD023590		0.33	19.8	1110	7.9	9.3	0.001	0.21	0.71	1.1	1.3	0.3	49.8	<0.01	0.07	0.3
DD023591		0.26	24.2	1490	9.9	6.4	0.001	0.19	0.62	0.8	2.7	0.2	50.5	<0.01	0.07	0.3
DD023592		0.29	32.8	1340	12.4	7.9	0.001	0.15	0.76	1.4	2.1	0.3	38.3	<0.01	0.11	0.4
DD023593		0.38	27.3	1580	12.8	8.5	0.001	0.17	0.61	1.3	1.6	0.4	38.0	<0.01	0.11	0.3
DD023594		0.50	16.6	1280	12.4	10.1	0.001	0.14	0.45	1.6	1.1	0.4	31.9	<0.01	0.06	0.4
DD023595		0.34	32.7	480	10.4	8.6	0.001	0.03	0.72	2.0	1.7	0.4	15.9	<0.01	0.08	1.0
DD023596		0.46	32.2	1030	13.4	7.6	0.001	0.07	0.72	2.8	2.2	0.4	26.5	<0.01	0.07	0.9
DD023597		0.27	10.8	2090	5.2	3.9	0.001	0.28	0.32	0.7	1.4	0.2	48.5	<0.01	0.04	0.2
DD023598		0.29	30.4	1040	10.6	9.3	0.001	0.06	0.59	3.4	1.9	0.4	38.4	<0.01	0.08	0.9
DD023599		0.51	30.3	1000	11.1	7.4	0.003	0.14	0.71	2.8	2.6	0.4	50.8	<0.01	0.03	1.0
DD023600		0.61	31.1	1130	11.6	7.4	0.001	0.07	0.80	3.1	1.6	0.4	36.1	<0.01	0.06	1.3
DD023601		0.10	73.7	1460	8.3	4.5	0.002	0.22	1.65	1.7	4.6	0.3	195.0	<0.01	0.08	0.2
DD023602		<0.05	110.0	2600	9.4	7.2	0.012	0.38	2.43	6.2	17.6	0.4	161.5	<0.01	0.26	1.6
DD023603		0.19	33.9	1250	7.1	5.6	0.003	0.18	0.91	1.6	4.3	0.3	76.0	<0.01	0.09	0.3
DD023604		0.34	74.2	1910	9.9	8.3	0.004	0.14	1.36	3.4	7.8	0.4	81.7	<0.01	0.10	0.9
DD023605		0.40	16.0	1280	7.3	4.2	0.001	0.17	0.55	1.0	2.5	0.3	66.3	<0.01	0.04	0.2
DD023606		0.48	30.9	1200	12.3	8.4	0.002	0.07	1.00	2.4	10.5	0.4	26.2	0.01	0.09	0.5
DD023607		0.34	27.9	740	9.5	8.4	0.001	0.07	0.57	1.9	1.7	0.4	48.6	<0.01	0.09	0.5
DD023608		0.43	28.1	400	8.0	7.1	0.001	0.02	1.28	1.0	2.3	0.4	34.4	<0.01	0.09	0.9
DD023609		0.31	31.7	1030	10.8	10.0	0.002	0.03	2.09	2.5	7.4	0.4	22.5	<0.01	0.08	0.7
DD023610		0.28	12.5	1410	6.8	3.2	0.001	0.22	0.54	0.8	1.4	0.2	31.1	<0.01	0.07	0.2
DD023611		0.30	36.2	970	12.5	8.5	0.001	0.07	0.71	3.0	1.9	0.4	42.6	<0.01	0.07	0.9
DD023612		0.46	27.4	1060	12.2	7.1	0.001	0.10	0.66	2.1	1.7	0.4	38.2	<0.01	0.06	0.6
DD023613		0.67	18.0	1050	12.6	8.9	0.001	0.13	0.44	2.7	1.5	0.5	35.5	0.01	0.08	0.7

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023574		0.010	0.12	0.85	34	0.09	16.75	146	1.2
DD023575		0.006	0.11	2.04	26	0.08	12.75	143	1.2
DD023576		<0.005	0.07	3.32	19	<0.05	8.80	78	0.8
DD023577		0.005	0.12	5.19	26	0.06	19.35	66	1.5
DD023578		0.008	0.10	2.20	27	0.05	21.0	49	1.0
DD023579		<0.005	0.22	1.32	60	0.06	14.80	145	1.0
DD023580		0.007	0.12	1.84	26	<0.05	17.90	75	0.8
DD023581		0.010	0.07	1.38	23	0.06	22.0	65	1.1
DD023582		0.007	0.13	0.90	20	0.05	24.4	118	0.8
DD023583		0.011	0.14	0.58	57	0.18	82.7	243	1.0
DD023584		0.007	0.18	0.96	26	0.06	31.3	132	0.7
DD023585		0.007	0.12	2.32	23	0.06	21.2	106	0.6
DD023586		<0.005	0.09	0.68	15	<0.05	18.50	108	0.8
DD023587		<0.005	0.14	0.97	25	<0.05	15.00	96	1.1
DD023588		0.005	0.10	1.06	20	<0.05	17.75	116	0.5
DD023589		0.010	0.27	1.63	37	0.10	36.7	135	0.9
DD023590		0.011	0.16	0.98	23	0.05	10.00	109	1.1
DD023591		0.006	0.12	1.31	29	0.10	50.8	110	0.7
DD023592		0.007	0.16	1.18	39	0.10	48.5	154	1.0
DD023593		0.009	0.14	1.00	44	0.09	36.4	143	0.8
DD023594		0.014	0.12	0.87	41	0.09	23.4	105	0.8
DD023595		0.007	0.18	0.62	45	0.09	6.63	125	0.7
DD023596		0.012	0.17	1.35	50	0.14	35.6	159	1.1
DD023597		0.008	0.08	1.04	18	<0.05	22.0	107	1.5
DD023598		0.008	0.16	1.16	38	0.12	31.3	235	1.0
DD023599		0.008	0.13	2.70	34	0.09	17.85	119	2.4
DD023600		0.019	0.15	1.49	46	0.17	21.7	116	1.4
DD023601		<0.005	0.23	4.15	44	0.08	23.8	227	1.9
DD023602		<0.005	0.43	5.36	75	0.14	48.2	338	1.6
DD023603		0.005	0.14	2.48	42	0.06	17.55	129	1.3
DD023604		0.009	0.34	3.85	54	0.10	29.4	227	1.8
DD023605		0.012	0.10	1.80	37	0.08	11.90	78	0.8
DD023606		0.013	0.27	1.92	66	0.10	22.9	205	0.8
DD023607		0.008	0.35	0.93	43	0.08	15.75	100	0.7
DD023608		0.013	0.25	0.54	42	0.10	5.37	109	<0.5
DD023609		0.011	0.59	2.67	47	0.10	23.7	112	<0.5
DD023610		0.009	0.11	1.51	18	0.07	36.4	68	0.7
DD023611		0.006	0.22	1.42	37	0.07	20.6	140	1.4
DD023612		0.012	0.13	1.02	40	0.12	30.5	103	1.1
DD023613		0.010	0.24	1.66	46	0.13	18.10	63	1.7

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD023614		0.26	0.004	0.33	1.08	32.6	<0.2	<10	570	0.60	0.20	2.52	1.42	14.20	6.8	19
DD023615		0.26	0.004	0.49	0.76	28.7	<0.2	<10	500	0.57	0.17	2.71	2.23	14.35	6.8	20
DD023616		0.30	0.004	0.57	0.82	32.9	<0.2	<10	600	0.55	0.19	2.49	1.18	15.20	7.8	22
DD023617		0.26	0.004	0.53	0.68	25.4	<0.2	10	690	0.45	0.14	4.02	1.96	13.40	5.2	20
DD023618		0.18	0.006	0.40	0.44	2.9	<0.2	<10	1100	0.25	0.09	3.77	1.99	8.39	4.2	7
DD023619		0.32	0.004	0.90	0.86	9.6	<0.2	<10	1150	0.56	0.21	1.64	1.58	24.9	8.2	20
DD023620		0.33	0.004	0.31	0.94	7.6	<0.2	<10	630	0.44	0.18	2.52	1.13	13.25	5.7	18
DD023621		0.40	0.006	1.05	0.65	12.5	<0.2	<10	750	0.54	0.18	0.64	0.36	10.60	4.9	15
DD023622		0.34	0.004	0.33	0.98	157.5	<0.2	<10	270	0.71	0.19	2.72	1.87	21.9	8.6	29
DD023623		0.41	0.005	0.36	1.20	84.4	<0.2	<10	220	0.62	0.20	4.03	1.32	23.4	9.5	27
DD023624		0.38	0.002	0.28	1.57	88.8	<0.2	<10	350	0.90	0.21	1.04	1.44	19.65	6.4	34
DD023625		0.21	0.008	0.27	0.59	40.9	<0.2	<10	330	0.34	0.09	3.39	0.82	6.64	3.8	15
DD023626		0.32	0.004	0.22	0.91	53.0	<0.2	<10	490	0.46	0.13	2.75	0.85	11.65	4.9	18
DD023627		0.32	0.005	0.12	0.66	12.7	<0.2	<10	550	0.33	0.10	2.57	0.52	9.05	3.8	10
DD023628		0.37	0.008	0.40	0.71	38.7	<0.2	<10	420	0.53	0.15	2.62	0.76	11.55	6.4	17
DD023629		0.25	0.007	0.45	0.69	54.6	<0.2	10	570	0.41	0.10	3.46	0.70	8.80	4.9	16
DD023630		0.31	0.003	0.42	1.08	82.4	<0.2	<10	520	0.63	0.17	1.46	0.81	13.30	6.4	27
DD023631		0.16	<0.001	0.23	0.32	9.6	<0.2	<10	160	0.12	0.05	3.14	2.21	3.41	1.1	4
DD023632		0.42	0.002	0.31	1.28	256	<0.2	<10	210	0.66	0.28	2.62	3.05	27.3	13.9	34
DD023633		0.38	0.004	0.62	1.00	104.5	<0.2	<10	670	0.69	0.17	1.83	1.49	11.60	6.0	24
DD023634		0.32	0.002	0.30	0.56	29.0	<0.2	<10	140	0.13	0.31	0.43	0.34	20.6	2.4	12
DD023635		0.22	0.004	0.60	0.46	11.6	<0.2	<10	630	0.33	0.10	3.38	0.64	6.81	2.9	23

ALS Canada Ltd.

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Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023614		1.86	18.5	1.87	3.14	0.06	0.07	0.09	0.030	0.05	13.8	5.5	0.12	632	1.19	0.01
DD023615		0.75	17.3	1.87	2.09	0.09	0.08	0.12	0.030	0.06	21.3	5.3	0.12	280	0.99	0.01
DD023616		1.09	21.2	2.26	2.20	0.10	0.08	0.13	0.035	0.05	22.9	5.9	0.12	333	1.36	0.01
DD023617		0.70	18.1	1.83	1.89	0.08	0.07	0.17	0.029	0.05	19.5	4.7	0.12	329	1.01	0.01
DD023618		1.49	14.2	0.83	1.29	<0.05	0.05	0.15	0.012	0.04	5.9	1.7	0.08	526	0.65	0.01
DD023619		3.61	22.9	3.13	2.28	0.08	0.06	0.13	0.032	0.05	16.5	5.9	0.18	612	1.24	0.01
DD023620		2.29	15.4	1.76	2.82	0.07	0.09	0.11	0.028	0.04	13.8	4.4	0.11	459	0.88	0.01
DD023621		3.70	30.1	2.16	1.69	0.05	0.06	0.12	0.031	0.06	7.7	3.4	0.10	171	1.43	0.01
DD023622		1.05	18.1	2.21	2.85	0.10	0.08	0.14	0.040	0.05	28.8	7.3	0.13	431	1.44	0.01
DD023623		0.77	20.2	2.66	3.30	0.09	0.08	0.09	0.033	0.07	23.6	9.8	0.32	478	1.63	0.02
DD023624		1.33	20.4	2.61	4.09	0.10	0.10	0.15	0.040	0.08	21.2	10.4	0.19	135	2.37	0.01
DD023625		0.80	13.0	1.12	1.69	0.05	0.05	0.11	0.017	0.05	8.0	4.8	0.09	125	1.72	0.01
DD023626		0.87	13.2	1.58	2.59	0.06	0.05	0.10	0.021	0.03	15.2	5.4	0.11	245	1.78	0.01
DD023627		0.54	13.5	1.20	1.90	<0.05	0.04	0.16	0.014	0.03	5.4	3.6	0.10	359	0.72	0.01
DD023628		0.90	24.5	1.91	2.12	0.07	0.06	0.19	0.025	0.07	10.5	7.2	0.24	250	1.45	0.01
DD023629		0.62	19.7	1.25	2.02	0.05	0.06	0.14	0.019	0.05	7.7	6.6	0.14	277	1.22	0.01
DD023630		0.56	18.0	2.29	3.21	0.08	0.07	0.09	0.030	0.07	13.2	9.3	0.18	177	3.05	0.01
DD023631		1.35	7.5	0.40	0.89	<0.05	0.04	0.13	0.008	0.03	2.4	0.5	0.04	16	0.78	0.01
DD023632		0.85	18.2	3.11	3.71	0.14	0.12	0.09	0.052	0.07	34.7	7.4	0.21	749	2.89	0.01
DD023633		1.78	32.1	2.01	2.68	0.07	0.10	0.19	0.029	0.06	10.4	5.3	0.12	237	2.40	0.01
DD023634		1.64	8.8	1.28	5.13	<0.05	<0.02	0.03	0.013	0.05	11.0	1.6	0.06	145	1.47	0.01
DD023635		0.55	15.8	0.90	1.25	<0.05	0.04	0.12	0.016	0.03	6.7	1.6	0.06	262	1.40	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
DD023614		0.64	20.8	1180	12.0	10.3	0.001	0.15	0.49	2.0	1.8	0.4	37.4	0.01	0.09	0.5
DD023615		0.35	25.1	1340	11.4	6.2	0.001	0.17	0.57	1.7	2.1	0.3	39.2	0.01	0.11	0.5
DD023616		0.32	31.6	1350	13.0	8.0	0.001	0.14	0.74	1.7	2.4	0.3	38.6	0.01	0.13	0.5
DD023617		0.31	23.2	1500	10.0	4.9	<0.001	0.20	0.58	1.3	2.4	0.3	55.0	0.01	0.08	0.4
DD023618		0.34	12.1	1470	5.5	5.2	<0.001	0.29	0.35	1.3	1.5	0.2	94.0	0.01	0.04	0.3
DD023619		0.49	30.5	960	13.1	13.3	<0.001	0.13	0.80	2.7	1.8	0.4	43.5	0.01	0.08	0.6
DD023620		0.55	15.7	1880	11.3	6.5	0.001	0.23	0.54	2.3	1.5	0.3	43.2	0.02	0.09	0.6
DD023621		0.25	39.2	720	10.4	9.5	0.001	0.07	1.01	3.0	2.0	0.3	35.5	0.01	0.10	0.8
DD023622		0.50	30.0	1270	13.9	6.5	0.001	0.10	0.96	2.8	2.6	0.4	33.2	0.02	0.11	0.6
DD023623		0.65	32.6	1160	14.2	7.7	0.001	0.05	0.96	3.7	1.8	0.4	41.8	0.01	0.09	1.3
DD023624		0.72	35.1	470	14.2	9.7	0.001	0.06	0.76	5.7	3.2	0.6	20.6	0.01	0.07	2.8
DD023625		0.30	22.2	670	6.4	8.1	0.001	0.12	0.57	2.0	3.0	0.3	36.8	0.01	0.04	0.4
DD023626		0.53	26.1	560	9.2	4.1	0.001	0.08	0.67	2.8	2.9	0.4	38.3	0.01	0.05	0.5
DD023627		0.37	12.3	840	7.4	4.3	<0.001	0.13	0.42	1.4	1.6	0.2	45.2	<0.01	0.04	0.4
DD023628		0.36	29.5	910	11.8	7.8	0.001	0.09	0.76	2.9	2.1	0.3	45.2	0.01	0.06	0.8
DD023629		0.33	24.4	820	7.3	6.0	0.001	0.13	0.73	1.8	2.3	0.3	43.5	0.01	0.05	0.4
DD023630		0.51	35.0	530	12.5	6.5	0.001	0.05	0.99	4.6	2.4	0.5	38.4	0.01	0.07	1.3
DD023631		0.23	6.1	690	2.4	2.7	0.001	0.18	0.24	0.9	1.2	<0.2	31.0	0.01	0.02	<0.2
DD023632		0.57	42.8	1700	19.9	7.2	0.001	0.08	1.84	4.4	2.2	0.6	25.1	0.02	0.15	1.3
DD023633		0.39	47.6	1760	12.0	8.4	0.001	0.17	0.94	2.7	3.1	0.4	72.3	0.01	0.07	0.6
DD023634		0.66	8.7	340	13.7	11.5	<0.001	0.02	0.59	0.9	0.6	0.9	13.7	<0.01	0.03	0.2
DD023635		0.24	18.6	1410	5.5	2.8	0.001	0.21	0.53	1.0	3.0	0.2	91.9	0.01	0.05	<0.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023614		0.013	0.11	1.03	38	0.14	20.9	84	1.5
DD023615		0.006	0.11	1.07	31	0.12	42.5	131	1.2
DD023616		0.006	0.15	1.24	35	0.12	45.7	113	1.2
DD023617		0.005	0.10	2.46	29	0.12	41.3	127	0.9
DD023618		0.010	0.06	0.86	13	0.05	9.52	83	1.4
DD023619		0.015	0.13	1.48	41	0.11	24.5	172	1.5
DD023620		0.010	0.11	1.80	37	0.12	24.0	114	2.3
DD023621		0.007	0.20	2.02	33	0.08	20.2	134	1.4
DD023622		0.009	0.25	2.06	42	0.21	55.7	123	1.1
DD023623		0.021	0.18	1.01	47	0.26	40.4	129	1.2
DD023624		0.007	0.28	2.23	57	0.28	42.0	118	2.4
DD023625		0.005	0.13	1.88	27	0.08	16.05	115	1.2
DD023626		0.010	0.14	2.34	37	0.13	26.5	87	1.1
DD023627		0.007	0.08	2.66	20	0.09	7.78	82	1.2
DD023628		0.006	0.13	1.51	30	0.12	19.50	151	1.5
DD023629		0.006	0.15	2.12	32	0.07	15.95	92	1.5
DD023630		0.006	0.22	1.26	59	0.12	24.8	124	1.5
DD023631		0.010	0.06	0.61	7	<0.05	4.22	21	1.7
DD023632		0.015	0.32	1.89	50	0.24	72.6	194	1.3
DD023633		0.006	0.37	3.29	47	0.09	38.3	171	2.4
DD023634		0.037	0.25	0.54	52	0.19	2.70	44	<0.5
DD023635		0.007	0.08	2.21	30	0.05	17.30	85	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

CERTIFICATE WH13136079

Project: Nadaleen
P.O. No.: SO13-11
This report is for 157 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD025076		0.20	0.003	0.32	1.28	55.3	<0.2	<10	370	0.98	0.25	2.31	1.16	20.1	13.0	23
DD025077		0.16	0.002	0.25	1.16	51.9	<0.2	<10	400	0.71	0.20	1.95	0.83	15.00	10.9	20
DD025078		0.12	0.002	0.23	1.15	32.7	<0.2	<10	370	0.78	0.21	1.24	0.78	14.80	12.3	20
DD025079		0.45	0.002	0.19	1.18	35.8	<0.2	<10	320	0.75	0.23	0.34	0.38	17.15	11.0	22
DD025080		0.21	0.002	0.30	1.36	36.9	<0.2	<10	640	0.88	0.23	0.77	0.91	18.15	11.8	24
DD025081		0.28	0.005	0.47	1.13	42.8	<0.2	<10	300	0.79	0.21	4.99	1.43	21.3	9.7	23
DD025082		0.21	0.002	0.16	1.61	34.6	<0.2	<10	300	0.84	0.23	0.66	0.67	22.4	10.3	27
DD025083		0.20	0.002	0.33	1.17	25.8	<0.2	<10	620	0.80	0.21	1.28	0.60	19.75	10.7	23
DD025084		0.18	0.003	0.14	1.45	50.2	<0.2	<10	690	1.07	0.20	1.14	1.06	20.7	10.5	27
DD025085		0.31	0.004	0.67	0.99	63.5	<0.2	10	570	0.95	0.22	3.49	1.94	15.80	10.7	21
DD025086		0.34	0.002	0.35	1.18	38.6	<0.2	<10	410	0.81	0.26	4.05	0.98	17.25	15.1	22
DD025087		0.31	0.003	0.48	0.92	43.5	<0.2	<10	410	0.73	0.22	5.26	1.17	14.60	11.9	19
DD025088		0.25	0.002	0.39	0.93	36.6	<0.2	<10	570	0.73	0.18	3.48	1.00	14.90	9.8	18
DD025089		0.19	0.003	0.36	1.11	36.5	<0.2	<10	740	0.84	0.21	2.23	1.31	15.75	11.5	21
DD025090		0.23	0.003	0.30	1.08	52.2	<0.2	<10	520	0.77	0.21	5.45	1.24	16.80	13.1	20
DD025091		0.51	0.002	0.24	0.98	33.9	<0.2	<10	510	0.66	0.21	4.04	0.97	16.95	12.6	19
DD025092		0.09	0.002	0.25	1.09	32.1	<0.2	<10	530	0.70	0.20	1.50	0.64	13.25	9.9	19
DD025093		0.18	0.003	0.32	1.19	43.2	<0.2	<10	660	0.81	0.22	1.70	1.06	16.55	12.1	21
DD025094		0.29	0.003	0.38	1.28	68.5	<0.2	<10	490	0.96	0.26	3.33	1.04	17.40	14.2	22
DD025095		0.21	0.004	0.38	1.51	86.9	<0.2	<10	350	1.13	0.33	1.68	1.13	20.0	17.1	28
DD025096		0.24	0.004	0.46	1.49	59.2	<0.2	<10	580	1.14	0.29	0.79	0.77	21.6	16.7	27
DD025097		0.17	0.004	0.37	1.42	47.3	<0.2	<10	640	1.00	0.26	1.07	0.96	18.90	13.8	25
DD025098		0.08	0.002	0.21	1.13	37.3	<0.2	<10	490	0.68	0.20	1.74	0.77	12.20	10.1	20
DD025099		0.16	0.002	0.30	1.29	52.7	<0.2	<10	400	0.85	0.25	1.25	1.02	15.85	13.5	24
DD025100		0.14	0.002	0.21	1.10	37.4	<0.2	<10	480	0.75	0.20	1.36	0.85	14.80	11.9	20
DD025101		0.12	0.002	0.26	1.05	39.4	<0.2	<10	490	0.77	0.19	1.60	0.70	14.90	10.7	21
DD025102		0.33	0.003	0.40	1.13	42.1	<0.2	<10	630	0.81	0.24	4.20	1.53	16.40	12.9	21
DD025103		0.19	0.003	0.41	1.19	41.7	<0.2	<10	330	0.87	0.21	1.75	0.98	18.80	11.7	24
DD025104		0.24	0.003	0.39	1.11	44.6	<0.2	<10	360	0.77	0.22	3.12	1.00	17.75	12.0	21
DD025105		0.24	0.003	0.45	1.12	28.0	<0.2	<10	450	0.88	0.24	2.36	2.05	16.15	12.1	23
DD025106		0.13	0.001	0.24	1.14	40.3	<0.2	<10	440	0.79	0.19	1.96	0.88	17.45	11.5	22
DD025107		0.16	0.002	0.23	1.26	39.0	<0.2	<10	420	0.87	0.21	0.85	1.50	20.6	11.6	23
DD025108		0.29	0.004	0.61	0.93	32.5	<0.2	<10	480	0.76	0.18	4.10	1.05	14.65	8.4	20
DD025109		0.17	0.002	0.43	0.85	32.5	<0.2	<10	430	0.66	0.17	3.42	0.97	15.25	9.1	19
DD025110		0.24	0.002	0.26	0.81	28.5	<0.2	<10	420	0.56	0.17	5.48	0.97	14.25	10.9	16
DD025111		0.18	0.003	0.34	1.05	37.4	<0.2	<10	500	0.81	0.23	3.76	1.25	17.15	11.7	22
DD025112		0.15	0.005	0.39	0.95	60.9	<0.2	<10	540	0.66	0.20	2.16	1.52	13.15	9.1	19
DD025113		0.15	0.003	0.35	1.12	60.4	<0.2	<10	480	0.73	0.20	2.77	1.03	16.00	10.2	21
DD025114		0.08	0.001	0.16	1.47	48.9	<0.2	<10	300	0.98	0.22	1.36	2.00	17.10	10.7	24
DD025115		0.16	0.003	0.31	1.22	48.8	<0.2	<10	450	0.92	0.22	2.37	0.95	16.15	11.3	21

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD025076		0.57	34.5	3.02	3.85	<0.05	0.06	0.31	0.036	0.08	9.1	17.3	0.86	569	2.36	<0.01
DD025077		0.60	23.5	2.77	3.35	<0.05	0.06	0.20	0.029	0.07	7.0	13.9	0.41	496	2.14	<0.01
DD025078		0.64	27.8	2.92	3.41	<0.05	0.05	0.31	0.028	0.07	6.5	14.8	0.36	916	2.25	<0.01
DD025079		0.59	31.2	3.20	3.93	<0.05	0.03	0.20	0.028	0.07	8.5	18.7	0.36	332	2.18	<0.01
DD025080		0.70	31.8	3.22	4.11	<0.05	0.06	0.32	0.033	0.08	8.9	16.9	0.35	892	2.25	<0.01
DD025081		0.88	25.7	3.26	3.10	<0.05	0.05	0.48	0.034	0.08	12.6	14.7	2.30	796	2.46	0.01
DD025082		0.97	18.2	3.47	4.35	<0.05	0.04	0.15	0.040	0.05	10.7	22.2	0.35	410	2.09	<0.01
DD025083		0.67	29.7	3.01	3.70	0.06	0.05	0.34	0.029	0.06	9.7	16.8	0.40	417	1.54	0.01
DD025084		0.93	34.0	3.57	4.11	0.06	0.06	0.46	0.036	0.07	10.9	18.3	0.48	493	2.70	0.01
DD025085		1.86	49.0	2.95	3.36	0.06	0.06	0.55	0.031	0.12	7.0	17.0	1.45	381	6.89	0.01
DD025086		1.41	47.9	3.50	3.67	0.05	0.06	0.62	0.033	0.12	7.7	18.7	1.18	658	2.48	0.01
DD025087		1.04	38.9	3.22	2.84	0.05	0.06	0.27	0.026	0.10	7.2	15.3	1.52	562	2.92	0.01
DD025088		0.67	38.0	2.71	2.97	<0.05	0.03	0.29	0.028	0.07	7.7	15.8	1.02	452	2.06	<0.01
DD025089		0.63	40.4	2.86	3.29	<0.05	0.05	0.28	0.027	0.09	7.3	15.3	0.52	548	2.01	<0.01
DD025090		1.29	36.9	3.09	3.33	<0.05	0.08	0.47	0.029	0.13	7.8	16.8	1.65	628	2.28	<0.01
DD025091		1.01	34.8	3.07	3.14	<0.05	0.08	0.23	0.030	0.08	8.0	16.3	1.04	724	2.23	<0.01
DD025092		0.51	25.3	2.78	3.38	<0.05	0.05	0.19	0.031	0.07	6.4	15.0	0.37	495	1.61	<0.01
DD025093		0.60	35.7	2.94	3.57	<0.05	0.05	0.24	0.030	0.08	8.5	16.4	0.47	475	1.92	<0.01
DD025094		1.07	45.9	3.38	3.92	0.05	0.08	0.37	0.035	0.11	9.2	19.6	1.02	453	2.85	<0.01
DD025095		2.10	51.0	3.84	4.61	0.05	0.08	0.43	0.044	0.16	10.8	23.3	0.63	481	2.79	0.01
DD025096		1.15	48.6	3.82	4.50	0.05	0.08	0.37	0.040	0.11	11.5	21.2	0.62	627	2.94	<0.01
DD025097		0.64	38.4	3.45	4.15	<0.05	0.06	0.30	0.035	0.09	9.8	18.0	0.45	582	2.42	<0.01
DD025098		0.51	24.5	2.60	3.34	<0.05	0.05	0.19	0.029	0.08	5.9	13.4	0.40	310	1.62	<0.01
DD025099		0.77	38.1	3.38	3.88	<0.05	0.06	0.23	0.035	0.11	7.7	18.0	0.48	481	2.61	0.01
DD025100		0.46	29.1	2.98	3.36	<0.05	0.05	0.21	0.030	0.08	7.0	15.8	0.43	540	1.86	<0.01
DD025101		0.64	30.5	2.97	3.33	<0.05	0.06	0.36	0.032	0.08	7.3	16.8	0.69	464	1.92	<0.01
DD025102		1.60	44.2	3.10	3.56	0.05	0.07	0.39	0.032	0.15	7.7	17.9	1.19	503	3.67	<0.01
DD025103		0.91	39.0	3.36	3.51	<0.05	0.06	0.31	0.033	0.10	9.9	18.0	0.73	537	2.49	<0.01
DD025104		1.46	44.5	3.17	3.44	0.05	0.07	0.30	0.034	0.12	8.7	18.5	1.35	399	2.41	<0.01
DD025105		0.81	50.3	2.79	3.43	0.05	0.06	0.41	0.037	0.10	9.2	16.8	0.86	373	1.32	<0.01
DD025106		0.59	29.0	3.14	3.34	<0.05	0.05	0.18	0.033	0.06	9.1	16.5	0.73	522	2.30	<0.01
DD025107		0.77	30.3	3.03	3.89	0.05	0.04	0.18	0.036	0.06	11.9	16.3	0.29	491	2.07	<0.01
DD025108		0.76	35.3	2.51	2.76	<0.05	0.06	0.35	0.030	0.07	8.5	13.6	1.30	392	1.93	<0.01
DD025109		0.61	32.2	2.67	2.71	<0.05	0.04	0.27	0.027	0.07	8.1	14.1	1.17	475	1.96	<0.01
DD025110		1.01	31.8	2.87	2.69	<0.05	0.07	0.18	0.025	0.07	6.8	14.8	1.26	513	2.16	<0.01
DD025111		1.32	52.7	2.99	3.39	0.08	0.07	0.31	0.028	0.13	8.3	16.1	0.96	479	2.57	0.01
DD025112		0.87	33.6	2.61	2.81	0.05	0.05	0.31	0.027	0.08	6.6	12.1	0.75	349	2.59	0.01
DD025113		0.68	36.3	2.73	3.24	0.06	0.04	0.41	0.028	0.09	8.0	13.9	0.90	440	1.87	0.01
DD025114		0.55	28.2	2.94	4.04	0.06	0.05	0.16	0.030	0.09	8.3	14.9	0.48	355	1.74	0.01
DD025115		0.59	30.3	2.87	3.40	0.06	0.05	0.30	0.030	0.09	7.5	14.5	0.98	469	1.68	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025076		0.65	40.6	690	22.1	7.4	<0.001	0.03	0.95	4.0	1.4	0.5	32.4	<0.01	0.03	1.6
DD025077		0.56	28.5	830	16.8	8.4	0.001	0.05	0.76	3.4	1.0	0.5	30.0	<0.01	0.04	1.5
DD025078		0.66	33.0	980	17.7	7.4	<0.001	0.05	0.82	2.9	1.6	0.5	26.2	<0.01	0.04	1.2
DD025079		0.72	33.6	600	19.3	6.9	<0.001	<0.01	0.63	4.2	1.1	0.5	18.1	<0.01	0.04	3.3
DD025080		0.73	34.3	850	20.0	8.6	0.002	0.02	0.68	4.8	1.5	0.5	25.8	<0.01	0.05	3.0
DD025081		0.55	32.5	1110	25.2	8.1	0.001	0.03	0.97	5.6	1.8	0.5	61.2	<0.01	0.04	2.5
DD025082		1.06	30.0	570	19.2	10.4	0.001	0.01	0.56	4.4	0.8	0.5	21.8	<0.01	0.05	2.7
DD025083		0.66	32.0	920	18.0	6.6	0.001	0.05	0.97	3.9	1.3	0.5	37.6	<0.01	0.04	2.2
DD025084		0.51	40.4	320	19.1	7.9	0.001	0.03	1.26	6.0	1.6	0.5	23.7	<0.01	0.05	2.9
DD025085		0.28	50.1	740	19.1	8.0	0.001	0.04	2.46	5.2	2.8	0.5	58.4	<0.01	0.08	3.0
DD025086		0.51	37.9	810	22.1	7.9	0.003	0.02	0.92	5.5	1.4	0.5	83.3	<0.01	0.05	3.4
DD025087		0.55	38.2	960	21.7	7.1	0.003	0.03	1.05	5.0	2.2	0.4	80.7	<0.01	0.04	3.1
DD025088		0.63	34.7	780	17.8	6.0	0.001	0.03	1.03	3.7	1.7	0.4	58.0	<0.01	0.05	1.0
DD025089		0.56	36.2	540	18.9	6.8	0.001	0.04	1.00	3.9	1.8	0.5	41.8	<0.01	0.03	1.5
DD025090		0.56	38.0	800	22.2	7.9	0.002	0.01	0.93	4.9	1.4	0.5	83.2	<0.01	0.04	3.6
DD025091		0.52	38.0	750	18.6	6.7	0.004	<0.01	0.83	4.7	2.2	0.4	64.7	<0.01	0.04	4.0
DD025092		0.70	27.6	690	16.0	6.8	0.002	0.04	0.97	3.3	1.8	0.5	30.5	<0.01	0.04	1.5
DD025093		0.64	38.0	770	19.1	7.2	0.002	0.04	0.97	3.8	1.5	0.5	32.6	<0.01	0.03	1.5
DD025094		0.48	49.2	780	24.2	8.8	<0.001	0.02	1.00	5.6	1.9	0.5	53.4	<0.01	0.06	3.6
DD025095		0.35	61.5	850	32.1	12.8	<0.001	0.03	0.88	6.8	2.0	0.7	44.4	<0.01	0.09	5.1
DD025096		0.47	55.6	860	27.6	9.6	0.001	0.02	0.88	6.7	2.0	0.6	31.0	<0.01	0.05	5.0
DD025097		0.58	43.9	630	22.4	7.9	0.001	0.02	0.88	4.9	1.5	0.6	28.4	<0.01	0.05	2.2
DD025098		0.54	29.2	600	16.5	6.9	<0.001	0.04	0.85	3.5	1.2	0.5	33.7	<0.01	0.03	1.6
DD025099		0.54	43.9	660	22.6	7.9	<0.001	0.02	1.00	4.7	1.7	0.5	30.9	<0.01	0.05	2.4
DD025100		0.76	32.0	540	19.0	6.1	0.001	0.03	0.81	3.9	1.3	0.4	29.0	<0.01	0.04	1.9
DD025101		0.77	33.7	730	16.9	6.5	0.004	0.03	0.84	4.2	1.9	0.4	32.2	<0.01	0.03	2.4
DD025102		0.51	40.0	730	20.1	9.6	0.004	0.03	1.27	5.2	3.2	0.6	83.3	<0.01	0.04	3.3
DD025103		0.58	36.1	510	21.2	7.5	0.002	0.03	1.02	5.9	2.3	0.5	34.4	<0.01	0.04	2.3
DD025104		0.62	36.7	870	18.3	8.2	0.002	0.02	0.99	6.0	1.8	0.4	51.5	<0.01	0.04	2.9
DD025105		0.67	47.4	890	23.6	8.7	0.001	0.02	0.71	5.9	1.6	0.5	45.0	<0.01	0.06	2.8
DD025106		0.86	34.2	730	20.2	5.8	0.001	0.01	0.80	4.6	1.2	0.4	36.9	<0.01	0.03	3.0
DD025107		0.84	33.1	930	21.0	7.9	0.002	0.02	0.78	5.1	1.3	0.5	29.5	<0.01	0.06	2.4
DD025108		0.64	32.5	970	17.0	6.6	0.002	0.03	0.94	5.0	2.2	0.4	65.2	<0.01	0.05	1.7
DD025109		0.75	31.1	880	17.1	5.5	0.002	0.02	0.98	4.2	2.0	0.4	53.8	<0.01	0.03	1.7
DD025110		0.69	34.4	790	16.8	5.5	0.003	0.02	0.89	4.2	1.6	0.3	88.4	<0.01	0.04	3.3
DD025111		0.49	40.8	770	19.2	8.2	0.004	0.03	1.27	5.0	2.1	0.5	69.6	<0.01	0.06	3.6
DD025112		0.33	34.5	730	19.7	7.0	0.002	0.07	1.29	3.6	1.7	0.4	47.3	<0.01	0.06	1.6
DD025113		0.42	34.9	700	18.7	7.1	0.001	0.05	1.02	3.6	1.5	0.4	47.7	<0.01	0.04	1.1
DD025114		0.51	32.6	520	21.2	7.7	<0.001	0.05	0.81	3.9	0.8	0.5	24.8	<0.01	0.04	1.5
DD025115		0.52	33.8	590	23.5	7.2	<0.001	0.04	0.92	3.5	1.1	0.4	27.5	<0.01	0.05	1.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD025076		0.008	0.20	1.52	55	0.17	11.65	164	1.7
DD025077		0.006	0.16	1.70	48	0.10	8.80	146	1.6
DD025078		0.006	0.15	1.52	45	0.08	8.23	128	1.5
DD025079		0.009	0.13	0.86	46	0.08	8.79	132	1.2
DD025080		0.007	0.14	1.74	52	0.11	12.05	136	1.9
DD025081		0.006	0.23	1.90	65	0.09	22.2	206	1.6
DD025082		0.007	0.20	1.16	67	0.10	11.20	169	1.4
DD025083		0.014	0.14	2.19	47	0.11	11.95	122	1.3
DD025084		0.006	0.31	0.94	72	0.28	17.85	164	2.0
DD025085		0.007	0.58	1.61	78	0.11	12.95	219	2.4
DD025086		0.008	0.31	1.17	57	0.07	11.35	168	2.5
DD025087		0.007	0.28	1.40	58	0.05	14.05	209	2.2
DD025088		0.006	0.18	1.26	49	0.06	14.60	143	1.0
DD025089		0.007	0.17	1.20	53	0.10	10.85	151	1.8
DD025090		0.010	0.29	1.34	51	0.11	11.20	176	3.3
DD025091		0.011	0.18	0.99	43	0.06	11.15	156	3.3
DD025092		0.008	0.13	1.33	42	0.16	8.50	135	1.7
DD025093		0.008	0.16	1.95	47	0.10	11.95	149	1.7
DD025094		0.006	0.34	1.35	55	0.09	14.50	189	3.0
DD025095		0.007	0.47	1.22	58	0.07	16.40	223	4.0
DD025096		0.008	0.33	1.29	60	0.09	16.95	192	3.3
DD025097		0.007	0.18	1.12	59	0.15	14.40	161	1.6
DD025098		0.006	0.15	1.10	49	0.08	7.76	139	1.7
DD025099		0.006	0.23	1.17	56	0.08	11.30	189	2.1
DD025100		0.008	0.13	1.20	45	0.09	9.33	140	1.8
DD025101		0.009	0.16	1.00	46	0.06	10.75	158	1.8
DD025102		0.008	0.34	1.47	57	0.09	11.50	186	2.9
DD025103		0.006	0.23	1.58	62	0.08	16.00	160	2.0
DD025104		0.009	0.25	1.23	57	0.07	14.45	167	2.5
DD025105		0.005	0.25	1.08	56	0.06	18.15	229	2.5
DD025106		0.008	0.16	1.13	57	0.06	12.70	161	1.7
DD025107		0.006	0.18	2.11	58	0.08	21.0	158	1.4
DD025108		0.005	0.21	1.37	55	0.06	17.95	168	1.7
DD025109		0.009	0.15	1.30	49	0.10	15.15	147	1.3
DD025110		0.012	0.18	1.13	41	0.05	11.25	158	3.0
DD025111		0.010	0.26	1.09	55	0.08	12.10	186	2.8
DD025112		0.005	0.33	1.40	52	0.10	10.75	213	1.6
DD025113		0.006	0.32	1.56	49	0.10	12.25	168	1.3
DD025114		0.006	0.18	2.04	56	0.11	9.98	150	1.4
DD025115		0.007	0.17	1.06	47	0.10	9.53	174	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD025116		0.14	0.003	0.33	1.35	52.7	<0.2	<10	380	0.94	0.26	1.11	1.04	19.80	14.2	25
DD025117		0.22	0.003	0.34	1.30	46.5	<0.2	<10	570	0.96	0.25	1.29	0.83	19.20	12.9	25
DD025118		0.10	0.002	0.23	1.20	38.2	<0.2	<10	500	0.79	0.22	1.49	1.15	14.10	10.0	22
DD025119		0.13	0.002	0.27	1.06	34.4	<0.2	<10	430	0.74	0.19	1.91	0.92	13.50	9.7	20
DD025120		0.25	0.003	0.37	1.24	60.0	<0.2	10	450	0.98	0.24	2.56	1.10	18.40	15.2	23
DD025121		0.23	0.002	0.37	0.77	28.3	<0.2	10	430	0.69	0.16	3.75	1.06	12.00	7.6	17
DD025122		0.15	0.002	0.32	0.70	23.0	<0.2	10	600	0.67	0.15	4.95	0.84	8.64	7.1	15
DD025123		0.22	0.002	0.50	0.91	35.0	<0.2	<10	420	0.77	0.19	3.52	0.96	14.95	9.2	20
DD025124		0.16	0.003	0.52	0.89	33.1	<0.2	10	520	0.75	0.19	3.37	1.08	12.10	9.8	18
DD025125		0.09	0.001	0.16	1.07	9.4	<0.2	10	750	0.66	0.17	2.82	0.86	14.85	10.5	24
DD025126		0.12	0.003	0.31	1.30	37.9	<0.2	<10	180	0.58	0.15	0.49	0.84	25.1	7.5	26
DD025127		0.11	0.001	0.26	1.09	25.1	<0.2	<10	280	0.78	0.23	1.69	0.41	5.21	7.2	21
DD025128		0.11	0.001	0.34	0.50	647	<0.2	10	150	0.44	0.09	1.50	1.22	8.46	6.3	21
DD025129		0.11	0.001	0.12	0.38	592	<0.2	<10	100	0.28	0.06	1.53	1.44	8.31	7.9	16
DD025130		0.15	0.001	0.08	1.12	301	<0.2	<10	250	0.53	0.18	0.59	1.67	12.90	8.4	28
DD025131		0.13	0.002	0.16	0.90	87.5	<0.2	<10	170	0.49	0.13	3.25	2.09	12.15	6.2	19
DD025132		0.17	0.003	0.36	0.88	128.0	<0.2	<10	310	0.61	0.17	2.30	1.60	11.50	8.1	20
DD025133		0.07	0.003	0.18	0.67	13.8	<0.2	<10	350	0.31	0.10	2.89	1.46	7.35	3.2	10
DD025134		0.16	0.002	1.10	0.70	43.7	<0.2	10	500	0.87	0.25	0.98	0.93	16.25	6.4	28
DD025135		0.12	0.003	0.85	0.89	166.5	<0.2	<10	480	0.84	0.20	1.57	1.57	15.10	8.0	30
DD025136		0.13	0.002	0.71	1.00	20.2	<0.2	<10	620	0.56	0.27	0.93	0.71	17.50	6.0	23
DD025137		0.08	0.005	0.19	1.01	17.3	<0.2	<10	460	0.56	0.20	2.78	1.52	14.80	6.2	19
DD025138		0.15	0.004	1.44	0.80	32.8	<0.2	<10	940	0.63	0.21	1.17	1.29	13.95	5.8	23
DD025139		0.12	0.003	1.01	0.85	48.9	<0.2	10	750	0.73	0.20	2.67	1.88	14.30	6.3	26
DD025140		0.07	0.002	0.28	0.89	22.1	<0.2	10	370	0.48	0.17	3.45	2.79	11.25	6.2	17
DD025141		0.07	0.003	0.37	0.64	20.9	<0.2	10	610	0.36	0.12	3.48	0.94	9.02	3.8	16
DD025142		0.05	0.006	0.17	0.56	18.6	<0.2	<10	340	0.35	0.08	3.79	0.94	5.06	2.9	8
DD025143		0.12	0.001	0.17	1.27	81.8	<0.2	<10	290	0.59	0.18	1.63	1.70	15.50	7.0	25
DD025144		0.12	0.002	0.13	0.44	201	<0.2	<10	80	0.32	0.07	3.23	1.26	7.45	5.5	13
DD025145		0.08	0.003	0.10	0.64	33.4	<0.2	<10	120	0.31	0.10	3.60	1.70	5.40	3.9	8
DD025146		0.12	0.002	0.20	0.52	643	<0.2	<10	140	0.37	0.06	1.64	1.74	8.23	6.8	19
DD025147		0.17	0.002	0.56	0.57	383	<0.2	10	190	0.75	0.16	2.21	0.90	5.40	7.3	23
DD025148		0.17	0.002	0.22	1.68	30.2	<0.2	<10	290	0.62	0.19	0.57	0.37	20.3	6.5	27
DD025149		0.08	0.012	0.33	0.89	11.9	<0.2	10	510	0.62	0.19	2.30	1.50	16.65	15.8	25
DD025150		0.15	0.003	0.27	1.36	11.9	<0.2	<10	590	0.75	0.22	1.75	1.15	20.8	13.6	32
DD025151		0.10	0.003	0.25	1.42	13.6	<0.2	<10	670	0.75	0.23	1.33	0.46	21.4	13.4	32
DD025152		0.20	0.005	0.06	1.69	18.4	<0.2	<10	310	0.62	0.18	0.20	0.17	30.9	9.1	29
DD025153		0.12	0.002	0.23	0.41	523	<0.2	<10	100	0.38	0.07	1.45	1.17	7.13	5.4	17
DD025154		0.08	0.003	0.25	0.54	143.5	<0.2	<10	160	0.47	0.07	6.51	3.47	9.54	4.7	17
DD025155		0.15	0.003	0.40	1.30	145.0	<0.2	<10	250	1.03	0.20	1.29	1.04	10.65	8.2	42

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD025116		0.96	40.2	3.36	4.03	0.09	0.06	0.29	0.036	0.10	9.8	17.3	0.64	522	2.31	0.01
DD025117		0.95	42.3	3.33	3.85	0.08	0.06	0.30	0.034	0.11	9.4	17.2	0.68	475	2.10	0.01
DD025118		0.57	29.9	2.70	3.56	0.07	0.05	0.22	0.029	0.08	6.3	14.1	0.36	373	2.02	0.01
DD025119		0.51	30.4	2.63	3.00	0.06	0.05	0.23	0.031	0.08	6.3	12.8	0.44	394	1.64	0.01
DD025120		1.08	42.0	3.51	3.83	0.06	0.07	0.45	0.031	0.12	8.4	18.8	1.40	668	2.72	0.01
DD025121		0.73	35.2	2.51	2.24	0.05	0.04	0.29	0.023	0.06	7.2	11.7	0.92	358	2.18	0.01
DD025122		0.53	35.9	2.15	1.98	0.05	0.05	0.25	0.023	0.06	4.4	10.8	0.84	317	1.72	0.01
DD025123		0.68	33.8	2.71	2.68	0.05	0.04	0.30	0.026	0.06	7.9	13.9	1.17	473	2.18	0.01
DD025124		0.75	33.3	2.52	2.52	<0.05	0.06	0.31	0.025	0.08	6.2	14.6	0.90	540	1.75	0.01
DD025125		0.55	21.7	1.85	2.81	0.06	0.05	0.15	0.024	0.06	18.1	8.4	0.19	538	0.99	0.01
DD025126		0.98	13.5	2.24	3.31	0.05	0.02	0.09	0.022	0.05	18.3	11.2	0.34	381	1.48	0.01
DD025127		0.89	21.5	3.01	2.99	<0.05	0.06	0.12	0.039	0.07	2.6	12.8	0.15	174	1.85	0.01
DD025128		0.99	15.7	1.91	1.25	0.08	0.06	0.26	0.016	0.05	20.6	2.5	0.04	106	2.89	0.01
DD025129		0.68	12.6	1.57	1.05	0.06	0.05	0.16	0.011	0.04	19.4	2.1	0.05	211	2.33	0.01
DD025130		1.68	12.8	2.17	3.37	0.05	0.03	0.05	0.027	0.05	13.6	6.4	0.13	435	1.74	0.01
DD025131		0.79	14.2	1.42	2.20	0.06	0.03	0.08	0.017	0.04	19.8	4.8	0.16	419	1.21	0.01
DD025132		1.24	23.0	1.81	2.36	0.06	0.04	0.18	0.025	0.06	16.9	5.0	0.14	308	2.17	0.01
DD025133		0.69	9.5	0.83	1.66	<0.05	0.05	0.11	0.013	0.04	9.9	2.2	0.08	216	0.93	0.01
DD025134		8.82	22.6	2.49	1.95	0.05	0.05	0.15	0.038	0.09	10.5	3.8	0.08	228	1.43	0.01
DD025135		1.07	25.1	2.36	2.55	0.10	0.04	0.21	0.037	0.08	21.5	6.1	0.12	318	2.92	0.01
DD025136		1.73	14.6	2.69	3.80	<0.05	<0.02	0.07	0.025	0.06	10.2	5.6	0.12	385	1.70	0.01
DD025137		0.73	14.2	1.72	2.60	0.07	0.04	0.08	0.025	0.04	20.1	5.1	0.14	518	1.01	0.02
DD025138		2.92	33.2	2.15	2.27	0.05	0.04	0.17	0.032	0.08	12.2	4.8	0.13	212	2.34	0.01
DD025139		1.24	22.0	2.28	2.31	0.10	0.05	0.14	0.034	0.06	25.7	7.2	0.13	253	2.59	0.01
DD025140		0.74	16.1	1.51	2.18	0.07	0.04	0.08	0.023	0.05	20.2	4.3	0.14	489	1.10	0.01
DD025141		1.28	17.3	1.39	1.62	<0.05	0.03	0.11	0.017	0.05	9.9	3.4	0.11	281	2.09	0.01
DD025142		0.52	11.1	0.60	1.44	<0.05	0.03	0.08	0.008	0.03	6.9	1.9	0.06	275	0.89	0.01
DD025143		1.18	14.0	2.04	3.38	0.05	0.02	0.05	0.023	0.05	15.7	7.0	0.20	512	1.59	0.01
DD025144		0.64	10.1	0.96	1.30	0.05	0.03	0.09	0.010	0.04	13.6	2.6	0.06	214	3.75	0.01
DD025145		0.55	9.0	0.77	1.42	<0.05	0.03	0.11	0.011	0.03	8.6	1.7	0.06	315	0.72	0.02
DD025146		0.52	11.9	1.73	1.01	0.07	0.04	0.26	0.012	0.04	22.2	2.2	0.04	177	3.61	0.01
DD025147		1.93	24.9	2.47	1.44	0.05	0.06	0.30	0.026	0.06	11.4	2.9	0.04	142	2.43	0.01
DD025148		1.34	11.6	2.35	4.79	<0.05	0.05	0.04	0.024	0.05	12.2	11.8	0.30	415	1.28	0.01
DD025149		0.54	29.1	2.22	2.26	0.08	0.06	0.18	0.025	0.07	22.4	6.3	0.15	751	3.35	0.02
DD025150		0.68	21.7	2.55	3.72	0.06	0.05	0.14	0.029	0.07	16.6	11.4	0.30	523	1.31	0.01
DD025151		0.70	20.5	2.69	3.90	0.05	0.04	0.11	0.028	0.07	16.7	13.5	0.33	460	1.30	0.01
DD025152		1.10	21.1	2.63	4.49	0.06	<0.02	0.04	0.023	0.05	16.2	14.6	0.44	308	1.51	0.01
DD025153		1.07	12.1	1.37	0.97	0.06	0.04	0.23	0.010	0.03	16.6	2.1	0.05	140	2.69	0.01
DD025154		0.40	12.6	1.03	1.14	0.06	0.02	0.22	0.011	0.02	25.7	1.2	0.05	526	2.75	0.01
DD025155		1.49	21.1	2.85	3.36	0.05	0.05	0.08	0.036	0.09	15.5	5.2	0.11	308	2.49	<0.01

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Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025116		0.46	45.4	610	23.6	8.8	<0.001	0.03	0.97	5.2	1.6	0.5	29.0	<0.01	0.06	3.5
DD025117		0.47	43.9	740	21.9	8.0	<0.001	0.03	1.01	5.2	1.2	0.5	31.1	<0.01	0.05	3.0
DD025118		0.43	31.5	480	18.6	6.6	0.001	0.05	0.95	3.8	1.4	0.4	34.6	<0.01	0.05	1.5
DD025119		0.49	31.3	660	16.4	6.8	0.001	0.06	0.87	3.4	1.5	0.4	38.2	<0.01	0.04	1.5
DD025120		0.45	40.0	700	22.4	7.7	0.001	0.03	1.16	5.4	1.8	0.5	36.6	<0.01	0.07	2.6
DD025121		0.33	31.3	900	14.8	5.5	0.002	0.08	1.12	2.8	2.5	0.3	62.4	<0.01	0.04	0.6
DD025122		0.33	29.5	870	12.9	4.6	0.003	0.10	1.06	2.4	2.6	0.3	85.9	<0.01	0.04	0.6
DD025123		0.39	34.3	890	17.8	5.7	0.001	0.06	1.07	3.9	2.0	0.4	50.9	<0.01	0.06	1.2
DD025124		0.49	32.9	800	16.4	6.6	0.002	0.07	0.90	4.0	2.2	0.4	59.8	<0.01	0.05	1.6
DD025125		0.35	99.9	1610	10.3	6.1	0.001	0.14	0.55	2.2	2.0	0.4	34.6	<0.01	0.05	0.4
DD025126		0.53	31.4	1130	26.0	7.3	<0.001	0.03	0.74	2.6	1.1	0.4	21.7	<0.01	0.03	1.0
DD025127		0.10	27.1	860	13.3	9.1	0.001	0.09	0.40	2.3	1.2	0.5	23.7	<0.01	0.06	0.8
DD025128		0.08	56.6	1490	6.3	7.6	0.001	0.10	2.53	1.9	3.0	0.3	69.9	<0.01	0.03	0.5
DD025129		0.09	58.0	1510	4.7	4.0	0.001	0.08	2.38	1.4	1.8	0.2	46.3	<0.01	0.03	0.3
DD025130		0.40	30.5	670	9.6	8.6	<0.001	0.04	1.09	3.0	1.3	0.5	26.5	<0.01	0.04	0.9
DD025131		0.33	25.8	1610	7.8	5.2	<0.001	0.15	0.66	1.1	1.7	0.3	36.1	<0.01	0.02	0.2
DD025132		0.30	55.4	1700	11.1	7.1	<0.001	0.14	0.90	1.6	2.4	0.4	37.8	<0.01	0.06	0.3
DD025133		0.28	10.8	1700	5.3	3.0	<0.001	0.24	0.31	0.7	1.2	0.2	49.7	<0.01	0.03	0.2
DD025134		0.24	35.3	780	15.2	13.2	0.006	0.06	0.89	3.8	2.9	0.4	26.8	<0.01	0.11	0.8
DD025135		0.22	49.1	1050	14.2	7.6	0.002	0.10	1.10	3.7	5.3	0.5	33.5	<0.01	0.13	0.7
DD025136		0.55	19.6	1150	13.3	9.2	<0.001	0.10	0.72	1.4	1.2	0.5	32.8	<0.01	0.06	0.3
DD025137		0.43	16.6	1540	10.8	4.9	<0.001	0.20	0.53	1.3	1.9	0.3	37.9	<0.01	0.09	0.3
DD025138		0.27	44.6	1210	11.4	9.6	<0.001	0.12	0.97	2.8	3.1	0.4	44.4	<0.01	0.10	0.6
DD025139		0.18	35.4	1590	12.2	7.1	0.001	0.17	0.94	1.4	3.6	0.4	37.7	<0.01	0.12	0.4
DD025140		0.29	20.9	2280	10.5	5.9	<0.001	0.24	0.63	1.1	2.1	0.3	36.0	<0.01	0.08	0.3
DD025141		0.25	25.2	1500	7.7	5.8	<0.001	0.22	0.58	0.9	1.8	0.3	59.7	<0.01	0.03	0.2
DD025142		0.25	11.9	1950	3.9	2.4	0.001	0.29	0.30	0.3	1.3	0.2	51.2	<0.01	0.02	<0.2
DD025143		0.37	26.8	1190	10.3	6.9	<0.001	0.09	0.70	1.5	1.6	0.4	25.0	<0.01	0.03	0.3
DD025144		0.15	26.3	1280	4.5	3.9	<0.001	0.07	1.16	1.4	1.6	0.2	34.3	<0.01	0.02	0.3
DD025145		0.29	12.8	1170	4.1	2.8	<0.001	0.21	0.39	0.7	1.0	0.2	27.2	<0.01	0.02	<0.2
DD025146		0.07	48.7	1460	4.4	3.1	0.001	0.11	3.12	1.8	2.7	0.2	81.9	<0.01	0.02	0.3
DD025147		0.05	49.8	920	8.0	9.0	0.004	0.11	1.45	2.9	3.4	0.4	43.9	<0.01	0.06	0.8
DD025148		0.62	21.3	1000	123.5	9.2	<0.001	0.05	0.53	2.5	0.9	0.6	17.5	<0.01	0.03	1.1
DD025149		0.34	80.7	1640	14.8	7.6	0.001	0.16	0.83	2.9	3.2	0.4	30.7	<0.01	0.09	0.5
DD025150		0.52	66.0	1250	14.8	8.6	<0.001	0.10	0.61	2.9	2.1	0.5	30.0	<0.01	0.06	0.7
DD025151		0.53	55.3	1160	14.4	7.5	<0.001	0.08	0.60	3.0	1.6	0.5	25.4	<0.01	0.05	0.8
DD025152		0.68	27.0	720	9.9	8.8	<0.001	0.01	0.80	2.7	1.1	0.5	16.5	<0.01	0.04	0.9
DD025153		0.08	36.9	1130	4.6	4.3	0.001	0.06	2.40	1.9	2.7	0.2	51.4	<0.01	0.03	0.4
DD025154		0.13	17.2	2310	4.6	2.1	0.002	0.17	0.80	1.1	2.6	0.2	52.6	0.01	0.02	<0.2
DD025155		0.20	37.8	710	11.4	9.9	0.001	0.08	0.74	4.1	2.4	0.5	24.4	<0.01	0.05	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD025116		0.008	0.26	1.06	55	0.11	12.75	176	2.0
DD025117		0.008	0.24	1.14	54	0.08	12.90	175	2.0
DD025118		0.006	0.18	1.53	54	0.09	9.40	162	1.7
DD025119		0.006	0.17	1.14	45	0.08	9.91	162	1.7
DD025120		0.008	0.33	1.15	52	0.10	12.65	166	2.3
DD025121		0.005	0.17	1.61	46	0.05	16.20	152	1.1
DD025122		0.005	0.14	1.58	35	<0.05	11.45	119	1.5
DD025123		0.005	0.18	1.10	52	0.05	16.55	167	1.3
DD025124		0.005	0.24	1.14	42	0.05	13.15	150	2.1
DD025125		0.006	0.13	3.35	60	0.09	38.0	311	1.5
DD025126		0.022	0.17	1.16	51	0.28	20.8	117	0.5
DD025127		<0.005	0.12	1.07	27	<0.05	7.06	131	1.5
DD025128		<0.005	0.46	3.81	31	<0.05	37.3	229	1.8
DD025129		<0.005	0.43	3.55	29	<0.05	30.5	237	1.2
DD025130		0.008	0.35	1.33	53	0.08	17.75	166	0.9
DD025131		0.010	0.16	2.16	36	0.15	35.5	144	0.7
DD025132		0.009	0.27	1.82	38	0.09	32.3	235	1.0
DD025133		0.011	0.09	1.12	16	0.05	16.00	101	1.3
DD025134		0.005	0.39	1.90	43	0.05	17.80	143	1.3
DD025135		<0.005	0.47	2.00	57	0.08	62.7	207	1.1
DD025136		0.019	0.15	1.31	56	0.18	13.10	89	<0.5
DD025137		0.014	0.13	1.62	32	0.07	34.8	134	1.3
DD025138		0.007	0.29	2.14	42	0.09	32.5	159	1.3
DD025139		<0.005	0.18	1.60	46	0.07	52.7	184	1.1
DD025140		0.006	0.09	1.36	33	0.07	38.6	225	1.1
DD025141		0.007	0.13	1.49	26	0.05	18.15	102	1.0
DD025142		0.005	0.08	1.21	14	<0.05	12.60	47	1.0
DD025143		0.013	0.15	1.57	51	0.09	24.0	143	0.5
DD025144		0.006	0.18	1.41	22	<0.05	26.9	118	1.0
DD025145		0.011	0.09	1.32	16	<0.05	17.85	152	1.0
DD025146		<0.005	0.58	3.23	28	<0.05	43.7	204	1.3
DD025147		<0.005	0.30	1.73	30	<0.05	25.1	175	2.2
DD025148		0.017	0.17	1.01	59	0.23	11.45	96	1.0
DD025149		0.008	0.14	2.07	58	0.08	52.7	256	1.8
DD025150		0.010	0.15	2.91	64	0.12	31.7	230	1.3
DD025151		0.012	0.13	1.92	71	0.19	29.3	190	1.4
DD025152		0.039	0.13	0.93	58	0.33	10.45	77	<0.5
DD025153		<0.005	0.42	2.19	27	<0.05	32.6	152	1.3
DD025154		<0.005	0.10	3.09	31	0.08	51.8	181	0.6
DD025155		<0.005	0.26	1.80	58	0.05	29.3	172	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD025156		0.11	0.001	0.14	1.46	64.9	<0.2	<10	220	0.57	0.23	1.24	1.82	15.80	8.2	30
DD025157		0.11	0.002	0.12	0.72	45.3	<0.2	<10	130	0.17	0.23	0.33	0.88	13.50	4.0	20
DD025158		0.07	0.003	0.42	0.88	58.2	<0.2	<10	580	0.49	0.19	2.47	3.72	13.00	5.6	22
DD025159		0.14	0.003	0.33	0.64	15.3	<0.2	<10	510	0.51	0.22	0.73	0.87	6.37	7.4	14
DD025160		0.11	0.003	0.41	0.63	13.9	<0.2	10	560	0.43	0.12	5.28	3.55	10.05	3.8	19
DD025161		0.10	0.003	0.62	0.80	25.5	<0.2	<10	670	0.58	0.15	2.10	1.11	18.15	4.9	29
DD025162		0.10	0.003	0.33	0.57	8.3	<0.2	<10	520	0.25	0.24	0.95	0.75	9.77	6.2	13
DD025163		0.13	0.009	0.42	0.78	23.6	<0.2	<10	260	0.43	0.18	1.97	0.94	12.75	5.0	17
DD025164		0.15	0.003	0.72	1.05	18.5	<0.2	<10	740	0.61	0.18	2.65	1.15	19.00	8.4	22
DD025165		0.13	0.008	0.25	0.85	6.2	<0.2	<10	630	0.34	0.15	3.56	2.07	10.10	5.9	16
DD025166		0.10	0.004	1.03	0.73	17.8	<0.2	<10	780	0.44	0.26	1.49	1.95	21.3	7.4	20
DD025167		0.10	0.003	0.37	0.84	23.7	<0.2	<10	510	0.52	0.20	3.43	3.29	15.95	6.7	20
DD025168		0.11	0.004	0.33	0.98	71.6	<0.2	10	480	0.64	0.22	3.89	3.75	16.95	7.4	20
DD025169		0.14	0.002	0.90	0.78	24.3	<0.2	<10	600	0.51	0.15	1.74	1.35	11.30	4.4	23
DD025170		0.18	0.002	0.57	1.05	35.3	<0.2	<10	820	0.68	0.23	0.99	0.43	12.95	6.4	23
DD025171		0.15	0.001	0.25	1.25	90.9	<0.2	<10	240	0.71	0.20	0.42	0.75	25.8	7.7	28
DD025172		0.13	0.002	0.31	0.89	191.0	<0.2	<10	420	0.60	0.18	0.83	0.71	14.10	10.6	24
DD025173		0.10	0.002	0.14	1.08	57.0	<0.2	<10	300	0.41	0.20	0.67	0.85	11.40	7.1	20
DD025174		0.21	0.001	0.06	0.68	105.5	<0.2	<10	120	0.52	0.24	0.14	0.30	5.45	6.8	20
DD025175		0.20	0.003	0.14	1.28	15.2	<0.2	<10	200	0.53	0.17	0.98	0.65	21.5	9.3	22
DD025176		0.08	0.003	0.22	1.02	27.3	<0.2	<10	370	0.47	0.15	2.05	4.00	15.30	7.2	23
DD025177		0.13	0.003	0.19	1.16	8.6	<0.2	<10	820	0.58	0.18	2.25	2.26	18.10	15.7	25
DD025178		0.08	0.004	0.38	0.77	29.4	<0.2	10	520	0.44	0.12	4.11	0.55	8.77	5.1	15
DD025179		0.10	0.004	0.63	0.90	78.6	<0.2	<10	390	0.59	0.18	1.43	0.84	14.05	7.5	22
DD025180		0.13	0.002	0.69	0.72	114.0	<0.2	<10	540	0.50	0.14	2.16	0.46	11.85	6.8	20
DD025181		0.07	0.004	0.35	0.50	41.4	<0.2	10	620	0.38	0.08	4.55	0.49	6.73	3.6	10
DD025182		0.12	0.002	0.39	1.16	46.7	<0.2	<10	510	0.46	0.21	1.21	1.32	12.10	7.2	26
DD025183		0.10	0.003	0.61	0.56	55.1	<0.2	10	460	0.46	0.15	2.76	1.11	8.59	4.7	15
DD025184		0.09	0.004	0.62	0.64	40.3	<0.2	10	770	0.50	0.12	3.50	1.21	8.58	4.0	15
DD025185		0.22	0.003	0.74	0.72	23.6	<0.2	10	730	0.81	0.29	1.79	0.51	17.05	12.8	16
DD025186		0.14	0.003	0.20	0.66	120.5	<0.2	10	870	0.60	0.16	5.14	2.71	11.80	9.3	14
DD025187		0.13	0.002	0.57	0.65	18.0	<0.2	<10	660	0.41	0.14	2.79	1.46	21.8	6.3	25
DD025188		0.10	0.003	0.38	0.59	7.2	<0.2	<10	1000	0.36	0.15	2.08	1.97	13.70	5.8	15
DD025189		0.19	0.002	0.35	0.55	140.0	<0.2	<10	210	0.29	0.14	0.41	0.43	9.18	5.3	12
DD025190		0.17	0.003	0.68	0.59	11.7	<0.2	<10	590	0.42	0.21	0.99	0.57	5.54	4.1	12
DD025191		0.15	NSS	1.01	0.52	14.7	<0.2	<10	870	0.42	0.16	0.73	0.59	8.62	7.3	32
DD025192		0.07	0.008	3.70	0.60	13.4	<0.2	<10	1100	0.38	0.12	2.12	0.66	10.10	8.1	28
DD025193		0.23	0.005	3.66	0.39	46.0	<0.2	<10	990	0.44	0.26	0.35	0.33	9.39	2.4	28
DD025194		0.22	0.005	0.67	0.40	17.1	<0.2	<10	170	0.54	0.21	0.02	0.41	7.35	6.5	15
DD025195		0.20	0.005	0.43	1.42	17.5	<0.2	<10	240	0.54	0.26	0.12	0.47	21.9	11.0	26

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD025156		1.47	12.3	2.51	4.33	<0.05	0.03	0.05	0.030	0.06	11.6	8.8	0.24	555	1.60	0.01
DD025157		1.08	11.4	2.00	4.10	<0.05	<0.02	0.04	0.017	0.06	6.1	4.3	0.09	161	2.05	<0.01
DD025158		0.94	21.2	2.03	2.41	0.05	0.02	0.11	0.022	0.06	15.4	5.2	0.14	234	2.81	0.01
DD025159		3.23	19.9	1.80	2.04	<0.05	0.07	0.03	0.029	0.11	3.0	2.7	0.08	193	1.44	<0.01
DD025160		0.70	14.5	1.47	1.61	0.05	0.03	0.07	0.017	0.05	15.7	2.8	0.13	400	1.12	0.01
DD025161		0.83	15.6	2.17	2.17	0.06	0.03	0.10	0.024	0.05	22.8	6.1	0.13	303	1.15	0.01
DD025162		4.32	20.9	1.82	2.94	<0.05	0.03	0.08	0.029	0.07	4.9	2.0	0.08	516	1.55	<0.01
DD025163		1.07	20.0	1.77	2.38	<0.05	0.03	0.12	0.026	0.05	7.2	4.3	0.12	451	1.09	<0.01
DD025164		0.75	13.7	2.10	2.55	<0.05	0.02	0.11	0.022	0.04	15.3	5.5	0.20	1100	0.97	0.01
DD025165		1.08	14.0	1.45	2.22	<0.05	0.02	0.10	0.017	0.04	6.9	3.3	0.13	701	1.03	0.01
DD025166		2.34	29.0	2.68	2.08	<0.05	0.02	0.12	0.038	0.06	14.3	4.3	0.14	445	2.29	0.01
DD025167		0.68	18.7	1.90	2.49	0.08	0.03	0.09	0.033	0.05	26.1	5.0	0.16	512	1.16	0.01
DD025168		1.00	21.5	1.94	2.79	0.08	0.05	0.13	0.036	0.07	28.4	5.3	0.17	841	1.16	0.02
DD025169		1.66	22.3	1.74	2.25	<0.05	0.03	0.08	0.025	0.04	15.6	2.9	0.09	258	1.64	0.01
DD025170		1.57	27.1	2.32	3.37	<0.05	0.03	0.08	0.032	0.08	9.0	5.3	0.15	288	2.64	0.01
DD025171		1.07	17.2	2.40	3.40	0.05	0.03	0.06	0.033	0.06	17.1	6.5	0.19	290	1.88	0.01
DD025172		1.66	18.4	1.92	2.85	0.06	0.06	0.11	0.030	0.06	19.5	5.1	0.10	346	3.38	0.01
DD025173		1.21	10.8	2.01	3.78	<0.05	0.02	0.04	0.028	0.06	7.5	6.9	0.16	393	1.60	0.01
DD025174		0.71	20.2	2.68	2.40	<0.05	0.02	0.04	0.038	0.07	3.3	4.5	0.07	80	2.43	0.01
DD025175		1.17	24.4	2.17	3.91	<0.05	0.04	0.07	0.028	0.05	12.2	28.1	0.32	326	1.14	0.01
DD025176		0.74	24.5	2.04	3.11	0.05	0.05	0.15	0.021	0.06	12.2	10.5	0.31	216	1.00	0.02
DD025177		0.56	18.9	1.91	3.63	0.05	0.05	0.10	0.027	0.05	15.7	9.7	0.27	554	0.69	0.02
DD025178		0.84	34.2	1.28	2.00	<0.05	0.04	0.20	0.018	0.03	8.3	4.5	0.12	357	0.70	0.02
DD025179		2.24	23.4	1.99	2.73	0.05	0.06	0.14	0.030	0.06	13.7	8.0	0.19	235	1.52	0.01
DD025180		1.22	22.6	1.61	2.12	0.06	0.04	0.20	0.023	0.05	17.2	4.0	0.09	312	1.79	0.01
DD025181		0.75	23.0	0.86	1.46	<0.05	0.03	0.15	0.014	0.03	9.3	2.7	0.08	267	0.61	0.02
DD025182		1.30	17.8	2.03	4.33	<0.05	0.04	0.07	0.029	0.07	9.6	6.3	0.12	383	2.33	0.01
DD025183		0.87	21.0	1.42	1.66	0.05	0.04	0.13	0.024	0.06	12.4	2.7	0.07	148	1.63	0.01
DD025184		0.80	20.0	1.23	1.82	0.05	0.05	0.13	0.024	0.05	12.5	3.3	0.09	164	1.18	0.01
DD025185		0.83	27.7	2.77	1.98	0.05	0.07	0.12	0.033	0.13	11.6	5.2	0.10	253	1.16	0.01
DD025186		1.16	24.6	1.67	2.05	0.06	0.04	0.15	0.025	0.08	16.9	5.2	0.12	516	1.23	0.01
DD025187		0.72	16.6	2.16	1.93	0.07	0.02	0.09	0.026	0.04	25.2	5.5	0.16	341	1.29	0.02
DD025188		0.78	14.3	1.51	1.98	<0.05	0.02	0.08	0.021	0.04	11.2	2.4	0.09	387	0.81	0.01
DD025189		1.29	12.1	1.24	1.65	0.06	0.03	0.07	0.021	0.04	8.2	3.6	0.08	254	2.18	0.01
DD025190		3.65	30.2	1.74	2.21	<0.05	0.03	0.08	0.027	0.07	4.3	2.9	0.08	187	1.36	0.01
DD025191		1.66	40.1	2.16	1.45	<0.05	0.05	0.12	0.036	0.05	5.0	2.0	0.05	585	3.67	0.01
DD025192		1.02	37.5	1.13	1.35	<0.05	0.07	0.30	0.020	0.03	5.4	1.3	0.07	1620	1.66	0.02
DD025193		6.22	30.1	2.09	1.50	0.06	0.02	0.14	0.028	0.15	6.5	2.7	0.04	40	6.52	0.02
DD025194		4.27	70.0	2.00	1.27	<0.05	<0.02	0.09	0.040	0.06	3.9	1.4	0.02	45	4.38	0.01
DD025195		5.31	25.6	3.10	4.54	<0.05	<0.02	0.06	0.035	0.08	10.5	13.9	0.40	348	2.05	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025156		0.67	23.4	810	12.2	11.0	0.001	0.06	0.53	2.3	1.0	0.5	21.0	<0.01	0.05	0.7
DD025157		0.67	18.9	440	8.6	8.9	<0.001	0.03	0.56	1.0	0.7	0.6	11.7	<0.01	0.04	0.3
DD025158		0.37	39.9	1490	11.6	6.5	0.001	0.11	0.74	1.6	2.4	0.4	45.2	<0.01	0.06	0.3
DD025159		0.19	26.1	950	12.2	17.4	0.001	0.08	0.72	3.1	1.0	0.4	19.6	<0.01	0.10	1.2
DD025160		0.22	16.6	1560	7.5	7.4	<0.001	0.19	0.44	0.8	1.8	0.2	54.9	<0.01	0.05	0.2
DD025161		0.26	22.6	1440	9.6	6.6	0.001	0.10	0.56	1.7	2.1	0.3	43.0	<0.01	0.06	0.5
DD025162		0.50	24.5	1170	10.9	13.9	0.001	0.14	1.03	1.8	1.0	0.5	42.2	0.01	0.10	0.5
DD025163		0.36	21.1	1390	9.5	5.8	0.001	0.17	0.72	1.3	1.1	0.3	22.9	<0.01	0.10	0.4
DD025164		0.37	21.2	1730	9.9	5.4	0.001	0.16	0.51	1.0	2.5	0.3	33.9	<0.01	0.08	0.3
DD025165		0.37	13.7	1890	7.9	4.8	0.001	0.26	0.44	0.6	1.1	0.3	39.7	<0.01	0.05	<0.2
DD025166		0.31	43.8	1130	13.5	9.3	0.001	0.10	1.17	2.1	3.2	0.4	43.2	<0.01	0.13	0.5
DD025167		0.39	22.2	1590	12.4	6.5	0.001	0.20	0.61	1.0	2.5	0.3	42.1	<0.01	0.08	0.2
DD025168		0.36	27.6	1760	15.7	8.6	<0.001	0.17	0.76	1.5	2.5	0.4	39.3	0.01	0.13	0.3
DD025169		0.31	26.2	1500	8.8	7.6	0.001	0.11	0.56	1.3	1.8	0.3	37.7	<0.01	0.05	0.3
DD025170		0.41	37.6	1180	13.3	9.2	<0.001	0.09	0.85	2.2	2.3	0.4	39.0	<0.01	0.07	0.5
DD025171		0.45	32.4	930	12.1	8.1	<0.001	0.05	0.74	2.9	2.1	0.4	17.5	<0.01	0.07	0.7
DD025172		0.31	49.4	1040	11.6	9.9	0.001	0.05	1.29	4.2	3.0	0.4	29.3	<0.01	0.05	1.1
DD025173		0.51	20.6	730	11.8	8.8	<0.001	0.05	0.54	2.2	0.9	0.4	18.8	<0.01	0.04	0.6
DD025174		0.15	26.9	400	13.7	8.1	0.001	0.06	0.55	2.8	1.0	0.4	19.5	<0.01	0.05	1.6
DD025175		0.75	28.4	920	9.8	8.4	0.001	0.06	0.65	2.6	1.5	0.4	27.7	<0.01	0.02	1.0
DD025176		0.65	34.5	1150	11.1	10.1	0.001	0.17	0.61	2.2	1.5	0.3	30.3	<0.01	0.02	0.7
DD025177		0.60	165.0	1340	10.7	7.2	0.001	0.10	0.50	2.2	1.7	0.4	30.6	<0.01	0.05	0.5
DD025178		0.39	19.0	1220	6.7	6.2	0.001	0.17	0.78	0.8	2.1	0.3	51.0	<0.01	0.02	0.2
DD025179		0.39	34.1	1140	12.1	13.4	0.001	0.09	0.76	3.0	2.4	0.4	35.6	<0.01	0.07	0.8
DD025180		0.27	35.3	920	8.9	7.7	0.001	0.08	0.96	1.8	3.2	0.3	41.0	<0.01	0.06	0.3
DD025181		0.21	19.3	1230	4.9	4.2	<0.001	0.17	0.74	0.6	2.7	0.2	55.4	<0.01	0.06	<0.2
DD025182		0.56	35.3	790	13.4	7.8	<0.001	0.07	0.72	2.4	1.7	0.6	34.9	<0.01	0.06	0.6
DD025183		0.23	31.7	1030	9.0	6.2	<0.001	0.13	0.71	1.3	2.8	0.3	46.4	<0.01	0.09	0.3
DD025184		0.25	26.3	1430	7.7	6.7	0.001	0.19	0.58	1.1	2.7	0.2	55.4	<0.01	0.05	0.3
DD025185		0.15	42.4	430	22.6	9.3	0.001	0.09	0.89	4.3	2.4	0.4	36.6	<0.01	0.17	1.9
DD025186		0.22	40.4	1480	14.9	7.5	<0.001	0.18	0.79	0.9	2.0	0.3	50.1	<0.01	0.10	0.3
DD025187		0.32	22.4	1240	9.5	7.4	0.001	0.13	0.55	1.3	3.3	0.2	53.1	<0.01	0.05	0.3
DD025188		0.37	15.0	1440	8.5	5.4	<0.001	0.18	0.53	1.1	1.2	0.2	49.1	<0.01	0.06	0.2
DD025189		0.21	22.0	870	11.7	6.1	0.001	0.08	0.81	1.5	12.1	0.2	45.2	<0.01	0.11	0.6
DD025190		0.33	31.5	1130	10.5	13.1	0.001	0.12	0.88	1.5	1.9	0.3	40.7	<0.01	0.10	0.3
DD025191		0.14	58.2	1620	9.0	6.9	0.001	0.14	1.29	3.0	4.4	0.3	62.1	<0.01	0.10	0.4
DD025192		0.23	34.0	2630	7.2	4.8	0.001	0.22	1.02	2.3	4.4	0.2	82.7	<0.01	0.08	0.6
DD025193		0.14	30.3	830	15.1	14.7	0.001	0.25	1.65	2.3	10.5	0.4	184.5	<0.01	0.16	2.4
DD025194		0.08	63.5	310	11.6	9.7	0.003	0.02	1.29	3.5	7.1	0.4	12.2	<0.01	0.13	2.0
DD025195		0.68	37.7	740	15.1	14.2	0.001	0.05	1.13	2.1	1.4	0.5	18.3	<0.01	0.07	0.5

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD025156		0.016	0.19	1.28	55	0.13	13.50	128	0.8
DD025157		0.020	0.14	0.46	57	0.17	2.64	85	<0.5
DD025158		0.012	0.18	1.74	39	0.12	23.4	295	0.6
DD025159		<0.005	0.14	0.93	30	0.06	3.89	131	1.7
DD025160		0.006	0.12	0.67	32	0.06	28.5	189	0.7
DD025161		0.008	0.16	1.57	38	0.08	40.1	100	0.7
DD025162		0.014	0.19	0.79	42	0.12	4.92	120	0.8
DD025163		0.011	0.18	1.28	38	0.10	12.65	111	1.0
DD025164		0.011	0.11	1.40	43	0.13	25.7	88	0.6
DD025165		0.012	0.09	0.80	26	0.08	10.15	114	0.5
DD025166		0.011	0.19	1.70	37	0.08	23.4	188	0.7
DD025167		0.007	0.12	1.27	32	0.10	50.4	185	0.6
DD025168		0.007	0.19	0.96	42	0.11	56.6	273	1.0
DD025169		0.007	0.10	2.12	40	0.08	28.5	124	0.7
DD025170		0.009	0.17	1.87	50	0.11	16.65	118	1.0
DD025171		0.009	0.18	1.66	50	0.12	27.7	131	0.6
DD025172		0.005	0.31	2.38	49	0.08	38.3	193	1.6
DD025173		0.011	0.15	0.91	44	0.13	10.15	107	0.7
DD025174		<0.005	0.13	0.68	34	<0.05	6.12	112	0.7
DD025175		0.018	0.11	0.88	40	0.26	12.50	90	1.0
DD025176		0.016	0.11	1.03	39	0.17	19.60	206	1.3
DD025177		0.009	0.13	2.67	60	0.11	32.5	791	1.4
DD025178		0.006	0.10	2.33	21	0.11	16.70	47	1.3
DD025179		0.006	0.26	1.52	38	0.10	26.5	136	1.7
DD025180		0.005	0.18	2.32	37	0.08	36.0	103	0.9
DD025181		<0.005	0.10	3.09	21	0.06	20.1	50	1.2
DD025182		0.008	0.21	1.06	58	0.11	12.35	159	1.1
DD025183		<0.005	0.15	1.49	27	0.07	27.9	133	1.3
DD025184		<0.005	0.12	2.17	25	0.07	29.4	79	1.6
DD025185		<0.005	0.16	0.63	29	0.06	23.1	131	1.8
DD025186		<0.005	0.37	0.97	29	0.12	34.6	207	1.2
DD025187		0.009	0.13	1.24	30	0.21	43.0	106	0.5
DD025188		0.010	0.05	2.63	32	0.09	19.30	86	0.7
DD025189		0.006	0.59	2.02	26	0.06	23.5	71	0.8
DD025190		0.010	0.27	2.62	29	0.08	18.70	131	0.9
DD025191		<0.005	0.17	2.39	49	0.05	20.6	206	1.7
DD025192		0.007	0.13	4.31	58	0.05	22.5	75	2.6
DD025193		<0.005	0.91	1.42	53	0.05	9.18	98	0.5
DD025194		<0.005	0.93	2.36	34	<0.05	12.50	212	<0.5
DD025195		0.026	0.26	1.15	45	0.21	7.11	110	<0.5

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Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description / Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD025196	0.09	0.003	0.37	0.68	9.1	<0.2	<10	550	0.46	0.18	2.37	0.65	16.10	5.7	17
DD025197	0.10	0.004	1.35	0.78	23.2	<0.2	<10	1190	0.46	0.28	1.23	0.54	25.3	9.4	18
DD025198	0.08	0.002	0.29	0.55	117.0	<0.2	<10	810	0.41	0.12	4.52	1.31	16.80	8.2	18
DD025199	0.15	0.003	0.29	0.85	19.0	<0.2	<10	370	0.46	0.18	9.79	2.22	18.95	9.4	21
DD025200	0.16	0.002	0.56	0.63	16.6	<0.2	<10	600	0.65	0.27	0.99	0.58	16.05	10.9	14
DD025201	0.18	0.004	0.80	0.66	78.2	<0.2	<10	480	0.60	0.21	1.65	0.95	12.50	6.9	20
DD025202	0.18	0.004	1.02	0.79	71.2	<0.2	<10	400	0.58	0.19	1.05	0.62	18.15	6.4	25
DD025203	0.16	0.002	0.49	1.07	61.3	<0.2	<10	650	0.60	0.22	1.37	1.04	15.80	7.7	30
DD025204	0.13	0.004	0.67	0.87	70.6	<0.2	10	640	0.54	0.16	3.33	0.80	11.20	5.9	22
DD025205	0.11	0.004	0.19	0.48	15.2	<0.2	10	700	0.28	0.08	5.30	0.34	4.08	3.3	7
DD025206	0.11	0.003	0.28	0.95	33.3	<0.2	<10	600	0.48	0.16	3.14	0.56	10.50	7.2	18
DD025207	0.11	0.004	0.20	1.25	15.0	<0.2	<10	300	0.63	0.19	1.96	1.20	18.25	9.6	23
DD025208	0.20	0.004	1.53	0.87	218	<0.2	<10	820	0.89	0.20	0.72	1.94	15.00	7.9	27
DD025209	0.20	0.006	3.73	0.31	32.0	<0.2	10	1270	0.61	0.19	0.59	1.32	4.63	6.4	22
DD025210	0.08	0.006	1.47	0.62	20.7	<0.2	10	660	0.62	0.16	2.36	0.59	7.64	4.9	25
DD025211	0.22	0.006	1.91	0.60	31.6	<0.2	10	760	0.66	0.17	2.23	0.67	7.82	4.5	24
DD025212	0.20	0.006	2.68	0.46	41.0	<0.2	10	760	0.62	0.24	1.00	0.79	8.48	6.6	24
DD025213	0.25	0.002	0.20	0.88	129.0	<0.2	<10	110	0.39	0.22	0.06	0.46	15.45	3.9	18
DD025214	0.16	0.002	0.90	2.82	191.0	<0.2	<10	250	2.32	0.16	1.74	2.32	14.05	31.9	29
DD025215	0.17	0.001	0.20	1.00	37.3	<0.2	<10	370	0.25	0.30	0.61	0.31	17.35	3.5	19
DD025216	0.15	0.002	0.92	0.88	31.1	<0.2	<10	550	0.59	0.19	1.78	0.75	21.4	4.9	29
DD025217	0.14	0.003	0.32	1.20	101.5	<0.2	<10	350	0.83	0.23	2.55	1.63	23.9	10.0	33
DD025218	0.11	0.002	0.28	0.48	40.3	<0.2	<10	220	0.31	0.11	4.17	2.09	7.36	4.2	13
DD025219	0.13	0.001	0.38	1.73	70.0	<0.2	<10	320	0.75	0.26	0.64	1.37	23.7	8.0	36
DD025220	0.12	0.005	0.87	1.04	131.0	<0.2	<10	710	0.74	0.18	2.63	1.32	11.00	8.0	28
DD025221	0.17	0.003	0.63	0.87	106.0	<0.2	<10	600	0.60	0.14	2.77	0.89	8.40	6.5	21
DD025222	0.13	0.005	0.64	0.77	72.5	<0.2	10	570	0.49	0.13	3.53	1.34	9.42	6.1	19
DD025223	0.10	0.003	0.35	0.82	42.5	<0.2	<10	580	0.61	0.16	3.10	0.61	11.95	7.5	17
DD025224	0.19	0.004	0.65	1.14	110.0	<0.2	<10	700	0.84	0.18	2.14	1.65	12.65	8.2	32
DD025225	0.09	0.007	0.10	0.45	17.5	<0.2	<10	250	0.23	0.10	6.74	6.01	11.25	4.3	10
DD025226	0.05	0.004	0.16	0.31	17.1	<0.2	<10	360	0.17	0.07	3.79	1.23	6.12	2.8	7
DD025227	0.15	0.004	0.70	0.82	32.9	<0.2	<10	540	0.31	0.28	1.50	0.63	14.80	4.1	16
DD025228	0.17	0.005	3.50	0.83	21.8	<0.2	<10	900	0.65	0.22	1.41	1.10	12.55	6.1	30
DD025229	0.21	0.004	0.54	0.34	12.6	<0.2	10	360	0.26	0.09	3.09	1.27	4.85	3.2	16
DD025230	0.14	0.005	2.08	0.56	25.0	<0.2	10	1000	0.57	0.17	1.43	0.68	6.01	4.4	22
DD025231	0.10	0.006	2.40	0.41	30.2	<0.2	10	1270	0.49	0.15	2.78	1.33	4.94	4.5	20
DD025232	0.13	0.002	1.46	0.64	35.5	<0.2	<10	1040	0.60	0.17	2.17	1.00	9.93	3.5	32

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD025196		0.64	17.3	1.73	2.10	0.05	0.02	0.09	0.023	0.04	17.9	4.0	0.11	459	1.14	0.01
DD025197		1.77	28.8	2.61	2.48	<0.05	0.04	0.13	0.042	0.07	11.0	6.4	0.19	240	1.57	0.02
DD025198		0.85	15.3	1.69	1.65	0.06	0.02	0.14	0.025	0.04	20.9	4.0	0.10	427	1.10	0.01
DD025199		0.70	18.0	2.08	2.42	0.07	0.03	0.06	0.025	0.08	25.8	6.1	0.27	657	0.94	0.02
DD025200		0.44	25.6	2.36	1.77	<0.05	0.08	0.09	0.036	0.14	10.7	3.9	0.11	259	1.10	0.01
DD025201		1.06	25.9	2.03	2.00	0.05	0.05	0.16	0.033	0.09	15.5	4.7	0.10	168	2.08	0.01
DD025202		1.09	22.5	2.26	2.25	0.07	0.04	0.13	0.029	0.08	20.4	5.8	0.18	154	2.37	0.01
DD025203		1.49	20.7	2.24	3.21	0.05	0.04	0.11	0.037	0.08	14.5	7.9	0.15	303	2.19	0.01
DD025204		1.08	24.3	1.79	2.40	0.05	0.04	0.21	0.026	0.07	15.2	5.6	0.12	277	1.48	0.02
DD025205		0.42	21.6	0.78	1.28	<0.05	0.04	0.11	0.011	0.02	3.3	3.1	0.09	419	0.63	0.02
DD025206		0.79	31.3	1.75	2.85	<0.05	0.04	0.14	0.022	0.05	7.8	9.9	0.21	312	0.94	0.02
DD025207		0.56	23.2	2.42	3.50	<0.05	0.05	0.11	0.026	0.06	11.5	12.1	0.37	499	1.01	0.02
DD025208		1.71	25.8	2.87	2.58	0.05	0.03	0.22	0.035	0.08	10.1	4.8	0.10	292	5.78	0.01
DD025209		1.73	71.3	3.35	1.03	0.07	0.03	0.22	0.036	0.10	3.7	0.9	0.03	84	7.21	0.01
DD025210		2.24	40.9	1.61	1.82	<0.05	0.06	0.18	0.026	0.06	5.6	3.5	0.11	183	1.31	0.01
DD025211		3.88	42.9	1.63	1.75	<0.05	0.06	0.22	0.033	0.08	6.0	3.8	0.10	121	1.64	0.01
DD025212		10.35	64.9	2.81	1.54	0.06	0.06	0.25	0.049	0.16	6.1	2.4	0.05	160	5.67	0.02
DD025213		1.58	18.6	2.38	3.78	<0.05	0.02	0.03	0.029	0.04	8.3	6.8	0.09	73	2.59	0.01
DD025214		2.42	82.0	5.05	2.55	0.07	0.07	0.11	0.033	0.05	15.9	6.2	0.09	883	3.43	0.01
DD025215		1.22	8.6	2.76	6.24	<0.05	<0.02	0.02	0.021	0.06	9.3	7.4	0.13	175	1.74	0.01
DD025216		1.10	16.0	2.37	2.54	0.07	0.03	0.11	0.031	0.06	20.4	7.2	0.17	241	1.15	0.02
DD025217		0.56	17.4	2.79	3.51	0.10	0.04	0.09	0.037	0.06	30.5	8.0	0.20	383	1.65	0.01
DD025218		0.67	11.5	1.28	1.36	0.05	0.03	0.10	0.020	0.04	12.2	3.1	0.09	119	0.86	0.02
DD025219		1.38	15.9	2.85	5.34	0.05	0.04	0.05	0.035	0.06	13.8	10.5	0.25	193	3.91	0.01
DD025220		0.97	28.0	2.22	3.11	<0.05	0.06	0.22	0.026	0.09	9.5	12.5	0.54	245	2.09	0.01
DD025221		0.65	21.8	1.85	2.53	<0.05	0.05	0.19	0.023	0.06	7.4	9.8	0.19	193	1.82	0.01
DD025222		0.53	24.7	1.45	2.26	0.05	0.04	0.19	0.021	0.06	9.2	7.3	0.18	302	1.36	0.01
DD025223		0.47	25.2	1.80	2.49	<0.05	0.05	0.22	0.021	0.06	9.4	7.7	0.17	510	0.95	0.01
DD025224		0.80	25.0	2.41	3.35	0.06	0.07	0.23	0.035	0.09	13.8	10.6	0.20	225	4.40	0.01
DD025225		0.42	9.2	0.85	1.07	0.06	0.02	0.09	0.015	0.02	24.3	1.3	0.06	594	0.46	0.02
DD025226		0.47	8.4	0.68	0.91	<0.05	0.04	0.19	0.012	0.06	6.2	1.4	0.06	392	0.66	0.02
DD025227		0.99	17.7	1.45	4.57	<0.05	<0.02	0.04	0.016	0.18	9.1	2.1	0.08	609	1.64	0.01
DD025228		3.04	33.1	1.98	2.47	0.05	0.04	0.16	0.035	0.09	8.5	4.8	0.12	248	2.41	0.02
DD025229		0.90	15.5	0.82	0.97	<0.05	0.04	0.19	0.015	0.06	4.4	1.4	0.06	293	1.19	0.02
DD025230		0.66	40.5	1.97	1.63	<0.05	0.03	0.16	0.026	0.06	4.4	2.3	0.06	143	3.21	0.01
DD025231		0.63	44.7	2.13	1.31	0.05	0.07	0.19	0.029	0.09	4.0	2.5	0.06	60	10.65	0.01
DD025232		0.81	24.4	2.00	1.85	<0.05	0.05	0.12	0.030	0.06	6.5	4.0	0.04	63	7.97	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025196		0.29	19.0	1720	10.5	5.8	0.001	0.19	0.62	0.9	1.6	0.2	33.6	<0.01	0.10	0.2
DD025197		0.47	43.9	750	17.0	10.3	0.001	0.10	1.27	2.9	3.0	0.4	36.3	<0.01	0.10	0.7
DD025198		0.28	27.6	1310	9.3	5.8	0.001	0.19	0.56	1.0	2.6	0.2	62.5	<0.01	0.05	0.3
DD025199		0.27	23.4	1330	13.0	6.7	<0.001	0.10	0.64	1.4	2.0	0.3	78.7	<0.01	0.11	0.4
DD025200		0.25	35.0	610	18.4	7.5	0.001	0.07	0.88	4.2	2.2	0.4	21.9	<0.01	0.12	1.6
DD025201		0.23	41.6	800	15.3	10.5	0.001	0.09	0.89	3.0	2.8	0.3	31.4	<0.01	0.10	0.7
DD025202		0.39	40.2	820	11.4	7.1	0.001	0.06	0.98	4.3	3.2	0.3	37.0	<0.01	0.10	1.1
DD025203		0.54	38.2	770	13.2	8.9	0.001	0.07	0.81	3.6	2.5	0.5	35.6	<0.01	0.07	1.0
DD025204		0.41	33.9	960	9.0	7.0	<0.001	0.10	0.76	2.0	2.8	0.3	49.8	<0.01	0.05	0.4
DD025205		0.24	15.2	1230	3.9	2.7	0.001	0.25	0.74	0.4	2.6	<0.2	69.1	<0.01	0.02	<0.2
DD025206		0.51	28.6	950	9.2	7.7	0.001	0.14	1.05	1.5	2.1	0.3	43.8	<0.01	0.04	0.4
DD025207		0.69	39.2	1030	11.0	7.0	0.001	0.10	0.67	2.3	1.2	0.4	28.0	<0.01	0.02	0.7
DD025208		0.26	57.5	930	28.8	8.3	0.001	0.10	1.87	3.8	4.3	0.4	77.8	<0.01	0.10	0.9
DD025209		<0.05	99.5	1540	11.7	8.5	0.012	0.12	1.94	6.9	11.3	0.4	85.5	<0.01	0.14	1.9
DD025210		0.27	45.6	1010	7.9	7.9	0.004	0.13	0.90	2.4	4.8	0.3	79.9	<0.01	0.09	0.6
DD025211		0.22	47.5	1170	9.1	10.2	0.002	0.12	0.94	2.8	4.7	0.3	71.6	<0.01	0.07	0.5
DD025212		0.10	76.3	1360	14.8	14.8	0.004	0.27	1.79	5.2	8.5	0.4	83.5	<0.01	0.16	2.1
DD025213		0.75	30.4	410	11.6	7.4	0.002	0.03	1.22	2.1	3.2	0.5	15.9	<0.01	0.10	1.4
DD025214		0.37	176.5	1500	9.4	7.7	0.001	0.06	0.82	14.3	5.1	0.3	39.4	0.01	0.08	1.1
DD025215		1.38	12.5	400	13.7	13.4	<0.001	0.03	0.59	1.6	0.5	0.7	16.1	<0.01	0.07	1.1
DD025216		0.43	23.1	1010	11.0	8.5	<0.001	0.09	0.64	2.6	2.2	0.4	39.0	<0.01	0.06	0.6
DD025217		0.55	37.5	1090	14.3	5.8	0.001	0.10	1.08	2.8	3.5	0.5	36.5	<0.01	0.10	0.6
DD025218		0.29	17.9	960	6.7	6.1	0.001	0.15	0.57	1.0	1.8	0.2	37.3	<0.01	0.07	0.3
DD025219		1.03	40.2	270	16.6	8.2	<0.001	0.03	0.86	4.3	2.7	0.7	30.9	<0.01	0.05	2.8
DD025220		0.36	46.1	820	11.2	8.3	0.002	0.07	0.96	3.7	3.3	0.4	53.6	<0.01	0.04	0.9
DD025221		0.28	37.1	680	9.4	6.5	0.002	0.09	0.93	2.5	3.4	0.4	48.1	<0.01	0.05	0.5
DD025222		0.31	32.2	830	8.9	6.1	0.001	0.12	0.79	1.7	3.5	0.3	48.2	<0.01	0.05	0.3
DD025223		0.38	27.7	820	10.9	6.3	0.002	0.12	0.72	2.0	1.9	0.3	37.8	<0.01	0.03	0.5
DD025224		0.37	46.7	720	13.2	8.0	0.001	0.08	1.45	4.8	3.8	0.5	61.3	<0.01	0.07	1.2
DD025225		0.22	8.8	1270	7.2	3.0	0.001	0.17	0.27	0.8	1.7	0.2	57.2	<0.01	0.11	<0.2
DD025226		0.22	7.0	990	4.0	3.9	<0.001	0.19	0.30	1.0	0.7	<0.2	44.3	<0.01	0.02	0.3
DD025227		0.40	13.3	940	12.3	8.5	0.001	0.09	0.64	0.2	0.6	0.8	34.2	<0.01	0.03	<0.2
DD025228		0.35	43.4	1390	11.1	9.4	0.001	0.16	1.14	2.8	4.8	0.4	82.7	<0.01	0.09	0.6
DD025229		0.18	18.9	1560	4.6	3.7	0.001	0.24	0.50	0.8	2.2	0.2	75.2	<0.01	0.03	0.2
DD025230		0.14	57.0	1250	8.9	5.2	0.003	0.08	1.05	2.7	3.5	0.4	65.7	<0.01	0.12	0.6
DD025231		0.11	89.7	1540	8.8	5.4	0.003	0.19	1.88	2.7	6.1	0.4	231	<0.01	0.09	0.6
DD025232		0.26	54.3	1300	11.6	7.2	0.002	0.16	1.35	2.1	4.6	0.4	195.0	<0.01	0.06	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD025196		0.006	0.07	1.67	33	0.13	29.9	80	0.7
DD025197		0.013	0.18	1.50	36	0.12	18.45	155	1.0
DD025198		0.005	0.27	1.09	28	0.09	40.3	144	0.7
DD025199		0.010	0.10	0.55	35	0.10	48.3	165	0.8
DD025200		<0.005	0.10	0.74	25	0.09	20.4	120	2.3
DD025201		<0.005	0.25	1.05	35	0.07	34.3	148	1.7
DD025202		0.009	0.20	1.40	42	0.12	40.7	142	1.2
DD025203		0.008	0.21	1.37	54	0.09	23.2	146	1.1
DD025204		0.006	0.19	1.57	40	0.12	28.3	117	1.1
DD025205		<0.005	0.06	3.48	12	0.09	6.98	26	1.1
DD025206		0.008	0.12	1.80	30	0.09	13.25	106	1.3
DD025207		0.017	0.10	1.23	43	0.21	15.65	180	1.2
DD025208		<0.005	0.45	2.30	85	0.17	25.0	219	0.8
DD025209		<0.005	0.19	3.74	57	0.11	38.0	350	1.5
DD025210		<0.005	0.27	2.47	40	0.06	21.5	134	1.7
DD025211		<0.005	0.47	1.94	38	0.06	27.9	163	2.0
DD025212		<0.005	0.38	2.58	43	0.05	26.9	263	1.9
DD025213		0.015	0.26	0.67	59	0.17	6.57	121	0.6
DD025214		0.010	0.29	3.20	68	0.10	90.0	795	2.4
DD025215		0.037	0.17	0.59	71	0.27	3.38	73	<0.5
DD025216		0.009	0.19	1.59	40	0.18	34.4	85	0.8
DD025217		0.008	0.18	1.55	54	0.74	62.7	137	1.0
DD025218		0.007	0.12	0.54	21	0.09	22.3	197	1.0
DD025219		0.013	0.31	1.10	81	0.22	14.10	131	1.5
DD025220		<0.005	0.32	2.08	50	0.09	35.3	119	1.9
DD025221		<0.005	0.24	2.20	42	0.07	24.1	101	1.5
DD025222		<0.005	0.27	2.13	39	0.10	23.4	107	1.3
DD025223		0.005	0.12	3.07	34	0.13	19.90	92	1.4
DD025224		<0.005	0.45	1.86	68	0.14	33.7	148	1.9
DD025225		0.006	0.06	1.07	15	0.05	45.2	294	0.6
DD025226		0.009	0.08	0.84	11	<0.05	11.10	51	1.1
DD025227		0.010	0.14	1.09	50	0.13	9.35	46	<0.5
DD025228		0.007	0.19	2.19	52	0.11	18.60	145	1.0
DD025229		0.007	0.09	1.93	25	<0.05	12.25	156	1.5
DD025230		<0.005	0.07	2.58	51	0.12	23.0	163	1.1
DD025231		<0.005	0.21	4.16	45	0.15	22.0	247	2.2
DD025232		<0.005	0.21	3.75	60	0.12	18.90	170	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 12-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13136079

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

CERTIFICATE WH13136078

Project: Nadaleen
P.O. No.: SO13-11
This report is for 182 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
CC135704		0.29	0.003	0.23	1.25	102.5	<0.2	<10	310	0.81	0.24	1.80	1.02	17.15	8.9	23
CC135705		0.43	0.004	0.26	1.00	41.6	<0.2	<10	460	0.71	0.19	2.57	1.09	15.05	10.1	20
CC135706		0.25	0.003	0.24	1.07	34.8	<0.2	<10	430	0.74	0.22	0.96	0.93	15.50	11.4	21
CC135707		0.40	0.006	0.87	1.08	74.1	<0.2	<10	310	0.95	0.19	5.91	1.75	27.5	10.0	26
CC135708		0.21	0.003	0.22	1.05	28.5	<0.2	<10	500	0.70	0.20	1.27	0.81	13.90	9.5	20
CC135709		0.35	0.001	0.05	1.50	42.3	<0.2	<10	480	0.56	0.25	0.50	0.38	15.90	8.5	25
CC135710		0.36	0.003	0.30	1.60	27.1	<0.2	<10	820	0.80	0.26	0.74	0.41	27.2	10.3	30
CC135711		0.33	0.002	0.09	1.37	20.8	<0.2	<10	640	0.48	0.26	0.74	0.52	20.8	10.7	25
CC135712		0.22	0.005	0.35	1.21	34.4	<0.2	<10	960	0.80	0.19	2.19	0.89	16.10	9.4	21
CC135713		0.37	0.004	0.35	1.11	35.2	<0.2	<10	560	0.83	0.24	0.63	1.06	20.7	12.4	24
CC135714		0.22	0.005	0.38	1.04	30.2	<0.2	<10	1160	0.80	0.17	2.99	1.01	13.40	7.9	18
CC135715		0.41	0.007	0.65	1.52	61.3	<0.2	<10	840	1.20	0.23	2.98	0.82	22.3	11.9	26
CC135716		0.19	0.005	0.39	1.17	28.9	<0.2	<10	690	0.76	0.20	2.18	1.28	15.00	8.2	21
CC135717		0.34	0.004	0.46	1.25	62.2	<0.2	<10	490	0.97	0.20	3.15	1.12	18.15	9.5	26
CC135718		0.43	0.002	0.23	1.63	55.1	<0.2	<10	580	0.87	0.26	1.51	2.08	29.9	12.5	27
CC135719		0.56	0.004	0.50	1.18	39.8	<0.2	<10	460	0.89	0.25	0.81	0.97	17.50	10.7	25
CC135720		0.41	0.002	0.23	1.08	31.8	<0.2	<10	620	0.84	0.21	0.80	0.59	14.30	11.2	20
CC135721		0.41	0.003	0.20	1.36	38.4	<0.2	<10	350	0.96	0.31	0.46	0.46	16.10	14.0	26
CC135722		0.44	0.003	0.28	1.13	43.2	<0.2	<10	450	0.82	0.23	1.57	0.74	17.05	11.9	22
CC135723		0.42	0.004	0.34	1.22	70.0	<0.2	<10	240	0.89	0.25	2.67	1.10	21.7	10.2	22
CC135724		0.47	0.003	0.23	1.22	34.5	<0.2	<10	510	0.89	0.24	0.48	0.47	18.60	12.3	24
CC135725		0.53	0.004	0.29	1.18	43.3	<0.2	<10	420	0.88	0.26	0.45	0.69	17.20	12.7	24
CC135726		0.42	0.003	0.23	1.18	36.0	<0.2	<10	470	0.85	0.25	0.65	0.59	15.15	12.3	22
CC135727		0.29	0.004	0.23	1.45	25.0	<0.2	<10	650	0.86	0.23	1.37	0.47	16.15	13.8	23
CC135728		0.46	0.004	0.24	1.57	38.3	<0.2	<10	370	1.22	0.30	0.60	0.69	23.7	17.0	28
CC135729		0.39	0.003	0.14	1.52	41.3	<0.2	<10	480	0.97	0.25	0.21	0.48	19.55	12.2	25
CC135730		0.39	0.004	0.47	0.89	61.8	<0.2	<10	720	0.75	0.18	3.00	0.89	10.65	9.4	20
CC135731		0.30	0.005	0.41	1.17	39.6	<0.2	<10	750	0.87	0.21	2.28	1.24	15.25	10.7	21
CC135732		0.54	0.005	0.55	0.96	57.1	<0.2	<10	890	0.73	0.22	3.82	1.17	14.20	11.8	21
CC135733		0.28	0.006	0.55	1.12	23.9	<0.2	<10	1890	0.74	0.17	1.69	0.73	13.30	6.6	23
CC135734		0.17	0.006	0.47	0.79	20.0	<0.2	<10	1400	0.59	0.15	2.74	0.83	9.60	6.5	14
CC135735		0.34	0.006	0.55	1.26	33.3	<0.2	<10	1180	0.96	0.22	1.88	1.24	17.40	10.3	22
CC135736		0.37	0.005	0.39	1.15	25.4	<0.2	<10	740	0.79	0.20	2.64	1.82	22.2	10.1	22
CC135737		0.35	0.001	0.21	1.72	33.7	<0.2	<10	330	0.71	0.23	0.10	0.54	16.60	7.8	25
CC135738		0.37	0.003	0.54	1.07	40.0	<0.2	<10	710	0.83	0.21	1.85	1.11	13.75	9.1	22
CC135739		0.44	0.003	0.23	1.11	40.7	<0.2	<10	380	0.79	0.23	0.55	0.60	15.25	11.9	22
CC135740		0.43	0.003	0.18	1.22	34.6	<0.2	<10	390	0.82	0.25	0.40	0.38	17.75	11.5	23
CC135741		0.45	0.003	0.25	1.23	36.8	<0.2	<10	400	0.84	0.25	0.53	0.52	17.35	12.9	24
CC135742		0.26	0.003	0.25	1.22	39.9	<0.2	<10	690	0.86	0.21	1.33	0.78	14.30	7.2	21
CC135743		0.42	0.006	0.65	1.02	66.3	<0.2	<10	970	0.84	0.20	3.65	1.20	12.10	9.3	21

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
CC135704		0.83	22.3	2.92	4.00	<0.05	0.05	2.81	0.032	0.06	8.6	13.6	0.91	396	2.28	0.01
CC135705		0.58	28.0	2.79	3.00	<0.05	0.05	0.29	0.029	0.07	7.5	14.3	1.29	388	1.76	0.01
CC135706		0.71	30.4	3.14	3.36	<0.05	0.06	0.22	0.034	0.08	7.5	17.0	0.39	552	1.89	0.01
CC135707		0.91	23.2	3.05	2.62	0.07	0.04	0.51	0.033	0.05	16.3	10.1	3.14	956	2.61	0.01
CC135708		0.57	25.7	2.74	3.21	<0.05	0.06	0.19	0.030	0.07	6.7	14.7	0.37	448	1.44	0.01
CC135709		1.07	14.5	3.11	5.17	<0.05	0.03	0.11	0.034	0.04	7.5	17.6	0.34	295	1.88	0.01
CC135710		0.91	18.2	3.08	5.00	0.05	0.04	0.21	0.032	0.05	13.8	15.1	0.51	570	1.29	0.01
CC135711		1.00	10.9	2.64	5.40	<0.05	0.02	0.05	0.026	0.05	10.4	15.3	0.39	748	1.48	0.01
CC135712		0.61	25.9	2.59	3.40	<0.05	0.03	0.33	0.026	0.05	8.3	11.0	0.35	855	1.23	0.01
CC135713		0.66	36.8	3.29	3.54	0.05	0.05	0.25	0.033	0.06	10.6	18.4	0.42	468	2.49	0.01
CC135714		0.60	38.8	2.25	2.80	<0.05	0.04	0.40	0.024	0.05	7.9	9.9	0.41	430	1.54	0.01
CC135715		0.71	27.9	3.34	4.03	0.05	0.06	0.65	0.039	0.06	11.6	15.0	1.60	362	2.41	0.01
CC135716		0.64	30.1	2.23	3.33	<0.05	0.05	0.34	0.030	0.06	7.6	12.1	0.38	278	1.38	0.01
CC135717		0.58	23.4	3.12	3.42	0.05	0.05	0.50	0.033	0.06	10.9	13.2	1.47	433	2.15	0.01
CC135718		0.83	14.0	3.84	4.90	0.05	0.03	0.28	0.039	0.04	13.6	16.0	0.71	1070	2.66	0.01
CC135719		0.94	36.4	3.11	3.63	0.05	0.06	0.27	0.037	0.08	10.3	17.8	0.38	430	2.47	0.01
CC135720		0.50	33.9	3.04	3.26	<0.05	0.06	0.20	0.033	0.06	7.0	15.2	0.36	417	1.86	<0.01
CC135721		0.77	36.0	3.58	4.37	<0.05	0.04	0.19	0.040	0.09	7.9	21.8	0.43	386	2.42	<0.01
CC135722		0.82	37.1	3.19	3.53	<0.05	0.06	0.25	0.030	0.07	8.2	16.2	0.71	418	2.19	0.01
CC135723		0.82	24.6	3.24	3.65	0.05	0.05	0.28	0.033	0.07	12.1	13.5	1.40	510	2.64	<0.01
CC135724		0.60	34.9	3.24	3.84	<0.05	0.07	0.17	0.033	0.07	9.2	18.7	0.37	341	2.05	<0.01
CC135725		0.84	39.2	3.45	3.70	0.05	0.05	0.24	0.035	0.08	8.5	18.3	0.39	487	2.27	0.01
CC135726		0.70	33.7	3.29	3.71	<0.05	0.06	0.20	0.034	0.08	7.4	17.5	0.38	443	2.20	<0.01
CC135727		0.53	19.7	3.00	4.10	<0.05	0.05	0.13	0.032	0.05	7.4	17.0	0.38	786	1.78	<0.01
CC135728		0.92	36.1	3.67	4.59	0.05	0.05	0.24	0.042	0.08	10.8	24.5	0.55	557	2.82	0.01
CC135729		0.78	26.9	3.46	4.43	<0.05	0.05	0.17	0.036	0.06	9.7	16.8	0.30	531	2.51	<0.01
CC135730		0.57	38.1	2.79	2.59	<0.05	0.05	0.38	0.028	0.06	6.0	11.5	1.04	318	2.55	0.01
CC135731		0.72	38.4	2.67	3.31	<0.05	0.05	0.77	0.028	0.07	7.9	14.1	0.69	509	1.86	0.01
CC135732		1.46	46.5	2.81	2.93	<0.05	0.07	0.40	0.032	0.09	7.0	12.6	1.22	381	3.47	0.01
CC135733		0.76	32.4	2.07	3.03	<0.05	0.04	0.19	0.027	0.05	7.0	8.6	0.29	203	2.69	<0.01
CC135734		0.50	29.7	1.69	2.20	<0.05	0.04	0.32	0.021	0.04	5.0	6.8	0.29	386	1.57	<0.01
CC135735		0.60	51.2	2.78	3.56	0.05	0.04	0.40	0.030	0.06	10.0	13.1	0.52	512	1.72	0.01
CC135736		0.52	29.2	2.53	3.04	0.05	0.03	0.38	0.025	0.04	13.1	10.8	0.63	1120	1.38	0.01
CC135737		0.90	17.6	3.43	4.82	<0.05	0.04	0.09	0.033	0.04	7.9	20.7	0.26	269	2.20	<0.01
CC135738		0.60	42.9	2.87	3.01	<0.05	0.06	0.45	0.027	0.06	9.9	15.0	0.45	777	2.17	<0.01
CC135739		0.62	35.5	3.26	3.45	<0.05	0.06	0.22	0.030	0.06	7.7	17.0	0.37	412	2.04	<0.01
CC135740		0.69	30.1	3.27	3.77	<0.05	0.06	0.21	0.029	0.06	8.5	17.4	0.38	407	2.03	<0.01
CC135741		0.64	34.1	3.41	3.83	<0.05	0.06	0.17	0.033	0.07	8.5	19.2	0.39	456	2.24	<0.01
CC135742		0.62	33.0	2.48	3.44	<0.05	0.06	0.24	0.026	0.06	7.0	14.6	0.36	160	1.35	<0.01
CC135743		1.30	41.1	2.65	2.88	<0.05	0.06	0.58	0.026	0.11	6.2	10.8	1.61	310	3.96	0.01

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
CC135704		0.61	29.3	550	21.5	9.4	<0.001	0.03	1.04	3.6	0.9	0.4	22.3	<0.01	0.05	2.2
CC135705		0.51	32.1	760	15.4	6.6	0.001	0.03	0.87	3.6	1.2	0.3	30.4	<0.01	0.05	1.8
CC135706		0.63	35.9	820	16.5	7.4	0.003	0.03	0.80	4.1	1.0	0.4	26.1	<0.01	0.05	2.7
CC135707		0.39	29.6	1200	21.2	8.5	0.002	0.04	1.19	6.4	1.8	0.3	54.8	<0.01	0.05	1.6
CC135708		0.57	29.5	770	15.6	7.6	0.003	0.05	0.70	3.4	1.3	0.3	29.8	<0.01	0.03	1.7
CC135709		0.74	22.5	220	18.2	10.3	<0.001	0.01	0.56	2.9	0.5	0.5	15.9	<0.01	0.05	2.4
CC135710		0.93	27.0	470	16.2	8.6	<0.001	0.01	0.63	4.5	0.9	0.5	23.4	<0.01	0.05	2.8
CC135711		1.13	16.8	320	15.0	11.8	<0.001	0.01	0.46	2.5	0.4	0.6	21.1	<0.01	0.04	2.0
CC135712		0.50	24.6	890	15.3	7.1	<0.001	0.07	0.67	2.5	1.4	0.4	45.6	<0.01	0.05	0.7
CC135713		0.76	40.6	890	17.5	6.1	0.001	0.01	1.08	4.8	1.0	0.4	26.8	<0.01	0.06	3.1
CC135714		0.43	28.6	810	14.3	6.2	<0.001	0.09	0.94	2.3	1.7	0.3	58.1	<0.01	0.04	0.5
CC135715		0.46	35.6	740	24.1	8.6	<0.001	0.03	1.08	5.6	1.3	0.4	37.3	<0.01	0.07	2.4
CC135716		0.48	26.0	940	14.0	6.7	0.001	0.08	0.80	2.7	1.1	0.3	46.4	<0.01	0.04	0.7
CC135717		0.36	34.1	800	20.6	6.9	0.001	0.04	1.01	5.2	1.7	0.4	40.9	<0.01	0.05	1.6
CC135718		0.97	23.1	770	27.6	9.4	0.001	0.04	0.96	4.3	1.1	0.5	20.6	0.01	0.06	2.0
CC135719		0.53	40.5	980	18.7	8.2	0.002	0.03	1.13	5.5	1.7	0.4	28.2	<0.01	0.06	2.3
CC135720		0.56	35.1	650	16.2	6.0	<0.001	0.02	0.88	4.2	1.3	0.4	21.8	<0.01	0.04	2.4
CC135721		0.47	42.4	650	20.1	8.2	0.001	0.02	0.94	4.8	1.4	0.5	21.7	<0.01	0.05	3.5
CC135722		0.60	39.6	620	17.9	6.8	<0.001	0.02	1.01	4.7	1.4	0.4	31.2	<0.01	0.05	3.2
CC135723		0.53	32.5	610	21.1	9.1	<0.001	0.02	1.11	4.7	1.6	0.5	33.9	<0.01	0.06	3.0
CC135724		0.71	37.1	680	18.2	6.5	0.001	0.01	0.89	4.9	1.3	0.4	19.8	<0.01	0.05	3.7
CC135725		0.50	42.7	760	19.2	6.8	0.001	0.01	1.01	5.1	1.0	0.4	21.7	<0.01	0.04	4.0
CC135726		0.57	37.0	670	17.9	7.0	0.001	0.02	0.88	4.6	1.3	0.4	22.5	<0.01	0.07	3.0
CC135727		0.53	25.5	950	16.0	7.5	0.001	0.06	0.55	3.0	1.5	0.4	38.7	<0.01	0.05	1.2
CC135728		0.52	53.8	660	21.9	10.0	<0.001	0.02	1.07	5.8	1.6	0.6	22.9	<0.01	0.06	4.3
CC135729		0.47	32.3	440	20.2	9.7	<0.001	0.01	0.85	4.8	1.4	0.5	15.2	<0.01	0.06	3.1
CC135730		0.25	37.5	790	14.4	5.8	0.001	0.04	1.26	4.1	1.8	0.3	46.6	<0.01	0.05	1.4
CC135731		0.43	34.1	720	17.0	7.0	<0.001	0.06	1.18	3.2	2.2	0.4	41.3	<0.01	0.06	0.9
CC135732		0.35	41.9	790	17.1	7.3	<0.001	0.03	1.56	5.2	2.0	0.4	75.4	<0.01	0.07	2.9
CC135733		0.48	31.4	580	10.7	6.4	0.002	0.06	1.38	2.8	2.5	0.4	44.9	<0.01	0.05	0.9
CC135734		0.39	25.1	660	9.7	4.6	0.001	0.09	1.14	1.9	1.9	0.3	52.4	<0.01	0.05	0.5
CC135735		0.52	35.7	790	15.7	6.0	<0.001	0.05	1.03	3.6	1.9	0.4	39.3	<0.01	0.04	1.0
CC135736		0.53	27.2	1140	15.0	5.2	0.001	0.07	0.87	2.8	2.2	0.3	54.6	<0.01	0.05	0.7
CC135737		0.74	24.8	330	16.9	9.9	<0.001	0.01	0.73	3.6	0.8	0.5	8.1	<0.01	0.04	2.2
CC135738		0.59	34.9	950	17.9	6.0	0.001	0.06	1.23	4.3	2.1	0.4	43.3	<0.01	0.05	1.2
CC135739		0.73	35.6	630	18.6	5.7	0.001	0.01	0.92	4.4	0.9	0.4	20.1	<0.01	0.04	3.1
CC135740		0.63	34.7	750	17.0	7.2	0.001	0.01	0.82	4.3	1.2	0.4	19.5	<0.01	0.04	3.5
CC135741		0.77	38.8	780	18.6	7.1	<0.001	0.02	0.89	4.8	1.2	0.4	20.6	<0.01	0.05	3.6
CC135742		0.65	31.3	770	18.2	7.1	0.002	0.07	0.97	3.3	1.4	0.4	26.8	<0.01	0.05	1.4
CC135743		0.30	40.7	870	18.9	7.6	0.002	0.05	1.85	3.5	2.5	0.4	51.5	<0.01	0.07	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
CC135704		0.009	0.26	1.59	69	0.19	9.02	184	1.3
CC135705		0.008	0.15	1.29	46	0.10	11.25	159	1.4
CC135706		0.009	0.15	0.89	42	0.09	10.50	165	1.9
CC135707		0.007	0.31	2.60	67	0.13	27.0	168	1.2
CC135708		0.007	0.13	1.39	41	0.10	9.85	152	1.5
CC135709		0.010	0.21	0.58	71	0.15	3.35	101	1.1
CC135710		0.022	0.15	1.24	60	0.23	11.90	109	1.0
CC135711		0.025	0.14	0.77	59	0.21	3.41	110	0.6
CC135712		0.008	0.13	2.51	50	0.12	12.05	96	1.0
CC135713		0.015	0.18	1.18	53	0.10	13.30	149	1.6
CC135714		0.007	0.19	3.28	43	0.13	14.25	107	1.4
CC135715		0.006	0.29	1.53	65	0.13	15.00	155	1.7
CC135716		0.009	0.15	1.13	46	0.18	10.80	128	1.5
CC135717		0.005	0.27	1.58	65	0.10	18.90	160	1.5
CC135718		0.011	0.25	1.80	83	0.18	14.75	182	1.1
CC135719		0.009	0.21	1.81	54	0.11	17.20	163	1.6
CC135720		0.007	0.11	0.95	42	0.08	10.75	123	1.9
CC135721		0.007	0.16	0.98	45	0.07	10.45	143	1.2
CC135722		0.008	0.18	0.95	45	0.09	11.65	143	2.1
CC135723		0.008	0.27	1.48	62	0.14	14.75	168	1.5
CC135724		0.009	0.12	1.11	45	0.09	11.50	128	2.4
CC135725		0.009	0.17	0.85	47	0.08	11.95	163	2.2
CC135726		0.007	0.14	0.96	44	0.08	10.45	140	1.9
CC135727		0.005	0.10	1.15	44	0.09	9.18	82	1.3
CC135728		0.006	0.20	1.32	54	0.10	14.55	151	1.8
CC135729		0.005	0.20	1.04	65	0.11	11.10	140	1.4
CC135730		<0.005	0.25	1.34	51	0.08	13.90	171	1.6
CC135731		0.006	0.19	1.61	53	0.14	11.85	136	1.4
CC135732		0.007	0.44	1.24	57	0.11	12.30	169	2.9
CC135733		0.007	0.18	2.40	70	0.15	10.95	97	1.3
CC135734		0.005	0.11	2.86	38	0.14	9.80	77	1.4
CC135735		0.009	0.14	1.58	55	0.15	16.05	118	1.2
CC135736		0.011	0.11	2.47	53	0.11	19.05	97	1.1
CC135737		0.005	0.22	0.71	82	0.10	7.14	107	1.2
CC135738		0.006	0.18	1.97	56	0.09	18.95	153	1.6
CC135739		0.010	0.13	0.80	44	0.07	10.25	144	2.1
CC135740		0.011	0.11	1.02	45	0.08	10.35	136	1.8
CC135741		0.009	0.13	1.02	47	0.08	11.40	141	1.8
CC135742		0.006	0.18	5.87	46	0.12	10.15	123	2.0
CC135743		0.005	0.36	1.46	59	0.13	12.20	178	1.8

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
CC135744		0.30	0.003	0.43	1.20	63.2	<0.2	<10	820	0.95	0.20	2.35	0.90	14.95	9.2	22
CC135745		0.42	0.003	0.14	1.38	30.4	<0.2	<10	500	0.74	0.22	0.32	0.37	19.45	7.8	23
CC135746		0.29	0.004	0.20	1.53	21.6	<0.2	<10	800	0.81	0.24	1.00	1.43	23.6	9.3	21
CC135747		0.34	0.004	1.01	2.11	59.0	<0.2	<10	460	1.53	0.22	1.38	2.27	45.6	13.0	38
CC135748		0.61	0.004	0.31	1.37	24.6	<0.2	<10	500	0.76	0.24	0.83	0.73	24.8	10.5	26
CC135749		0.36	0.003	0.28	1.31	36.1	<0.2	<10	580	0.89	0.25	0.66	0.51	16.25	11.5	24
CC135750		0.35	0.003	0.17	1.00	32.2	<0.2	<10	310	0.72	0.21	0.41	0.66	17.20	12.1	21
DD023501		0.31	0.005	0.24	1.24	48.9	<0.2	<10	610	0.85	0.22	1.29	0.87	14.45	10.9	22
DD023502		0.37	0.018	0.18	0.97	32.7	<0.2	<10	300	0.78	0.20	0.42	0.68	16.95	12.2	21
DD023503		0.16	0.007	1.69	0.96	23.5	<0.2	<10	2520	0.61	0.15	1.86	1.12	5.74	4.7	21
DD023504		0.30	0.002	0.20	0.46	19.9	<0.2	<10	260	0.17	0.19	0.14	0.52	10.25	2.4	13
DD023505		0.26	0.005	0.40	1.07	21.9	<0.2	<10	790	0.49	0.23	0.67	0.23	12.55	5.9	22
DD023506		0.32	0.006	2.27	0.54	65.1	<0.2	<10	1390	0.68	0.19	0.70	1.61	4.76	4.6	27
DD023507		0.19	0.006	1.35	0.96	51.4	<0.2	<10	990	0.77	0.19	0.67	0.66	8.37	6.3	28
DD023508		0.14	0.005	1.60	0.76	33.4	<0.2	<10	1080	0.74	0.20	1.10	0.59	6.42	7.1	22
DD023509		0.18	0.004	1.50	0.69	37.8	<0.2	10	1090	0.70	0.18	1.06	0.80	6.63	6.7	22
DD023510		0.35	0.001	0.76	0.58	80.7	<0.2	<10	570	0.99	0.18	0.27	0.69	6.61	3.7	24
DD023511		0.31	0.006	1.55	0.49	77.0	<0.2	<10	1240	0.75	0.18	0.61	1.14	4.46	5.2	23
DD023512		0.16	0.006	1.33	0.62	24.8	<0.2	<10	1480	0.60	0.19	1.27	1.09	7.15	7.7	19
DD023513		0.37	0.004	0.54	0.85	47.6	<0.2	<10	1450	0.55	0.24	0.18	0.72	13.25	7.4	26
DD023514		0.29	0.008	1.80	0.54	27.4	<0.2	<10	1280	0.65	0.16	1.60	1.07	4.82	6.0	20
DD023515		0.24	0.004	0.92	0.45	29.0	<0.2	<10	1170	0.49	0.14	0.97	0.48	3.82	4.1	17
DD023516		0.45	0.007	1.20	0.25	14.9	<0.2	<10	1390	0.57	0.24	0.32	0.41	3.39	7.2	16
DD023517		0.14	0.007	1.05	0.66	46.8	<0.2	<10	1370	0.76	0.21	0.92	1.13	9.26	8.1	25
DD023518		0.31	0.004	1.83	0.53	54.4	<0.2	<10	1330	0.72	0.18	0.58	1.34	4.36	5.0	25
DD023519		0.30	0.003	0.35	0.76	38.5	<0.2	<10	1000	0.44	0.19	0.16	0.41	7.33	4.1	24
DD023520		0.24	0.004	1.23	0.70	35.4	<0.2	<10	780	0.68	0.15	0.94	0.38	5.26	6.1	24
DD023521		0.28	0.006	0.79	0.54	27.7	<0.2	<10	1160	0.51	0.14	2.39	1.05	6.36	4.2	17
DD023522		0.36	0.004	2.09	0.53	24.2	<0.2	<10	1200	0.58	0.17	0.65	0.75	7.53	3.8	20
DD023523		0.17	0.004	0.37	0.36	10.0	<0.2	10	690	0.32	0.06	4.32	1.28	2.89	2.8	7
DD023524		0.17	0.004	1.11	0.45	25.1	<0.2	10	640	0.63	0.12	1.95	0.89	3.73	3.8	14
DD023525		0.29	0.005	1.84	0.56	34.0	<0.2	10	1410	0.63	0.17	1.01	0.94	3.57	8.5	22
DD023526		0.28	0.007	2.47	0.61	64.5	<0.2	10	1150	0.81	0.23	0.59	1.38	5.47	4.7	29
DD023527		0.31	0.007	1.18	0.58	72.5	<0.2	<10	1400	0.71	0.20	0.55	0.61	5.32	6.4	29
DD023528		0.38	0.004	1.18	0.51	45.6	<0.2	10	1490	0.66	0.17	0.72	0.73	4.17	3.1	24
DD023529		0.39	0.004	1.19	0.45	41.5	<0.2	10	1190	0.56	0.16	1.58	1.01	4.08	3.8	21
DD023530		0.14	0.005	0.76	0.54	34.4	<0.2	10	980	0.48	0.13	2.31	0.86	4.55	5.5	17
DD023531		0.32	0.004	1.60	0.41	34.3	<0.2	10	1080	0.56	0.14	0.87	0.87	3.14	2.5	20
DD023532		0.38	0.004	2.32	0.36	31.9	<0.2	10	790	0.58	0.20	0.63	0.83	3.83	3.2	20
DD023533		0.26	0.004	1.13	0.52	30.7	<0.2	<10	600	0.52	0.15	1.18	0.68	3.72	4.2	18

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
CC135744		0.59	32.4	2.83	3.36	<0.05	0.06	0.36	0.029	0.08	8.6	14.8	0.96	340	2.50	<0.01
CC135745		0.52	19.2	3.04	4.01	<0.05	0.05	0.13	0.032	0.06	10.5	15.0	0.33	299	2.06	<0.01
CC135746		0.79	27.5	2.71	4.77	<0.05	0.02	0.12	0.030	0.04	12.9	10.0	0.20	1280	1.34	<0.01
CC135747		0.86	28.3	4.30	3.95	0.10	0.07	0.38	0.044	0.04	28.1	15.9	0.47	1620	2.81	<0.01
CC135748		0.83	26.6	2.89	4.13	0.05	0.04	0.18	0.031	0.06	13.6	16.3	0.45	419	1.53	0.01
CC135749		0.62	38.1	3.36	3.95	<0.05	0.07	0.24	0.033	0.08	8.1	17.8	0.38	478	2.09	<0.01
CC135750		0.54	34.5	3.24	3.26	<0.05	0.07	0.15	0.030	0.06	8.4	16.8	0.37	472	2.24	<0.01
DD023501		0.59	32.8	2.96	3.55	<0.05	0.06	0.25	0.029	0.07	6.8	14.5	0.34	371	1.16	0.01
DD023502		0.53	31.4	3.32	3.10	0.05	0.06	0.15	0.031	0.05	9.0	17.3	0.36	559	2.03	<0.01
DD023503		0.71	28.8	1.66	2.46	<0.05	0.04	0.25	0.028	0.05	3.2	3.2	0.08	76	2.11	<0.01
DD023504		0.68	12.1	1.50	2.90	<0.05	<0.02	0.02	0.017	0.04	5.1	1.7	0.05	44	3.07	<0.01
DD023505		0.70	23.9	2.43	3.73	<0.05	0.03	0.09	0.029	0.04	6.2	8.0	0.17	176	3.00	<0.01
DD023506		1.51	87.8	2.47	1.45	0.05	0.04	0.46	0.039	0.07	2.8	3.1	0.06	109	5.26	<0.01
DD023507		0.79	47.7	2.33	2.66	<0.05	0.03	0.18	0.036	0.04	4.3	5.7	0.11	178	2.69	<0.01
DD023508		0.67	51.6	2.48	2.16	0.05	0.05	0.18	0.027	0.06	3.2	5.8	0.16	190	4.37	<0.01
DD023509		0.77	52.8	2.47	1.94	0.05	0.04	0.16	0.030	0.06	3.4	5.9	0.15	170	4.21	<0.01
DD023510		0.50	42.7	1.84	1.24	0.05	0.02	0.04	0.041	0.06	4.2	3.7	0.03	89	5.56	<0.01
DD023511		1.34	62.1	3.21	1.43	0.05	0.03	0.23	0.039	0.07	2.7	2.5	0.04	112	6.64	<0.01
DD023512		0.60	42.8	2.28	1.86	<0.05	0.03	0.28	0.030	0.05	3.7	3.5	0.08	376	3.39	<0.01
DD023513		0.83	26.3	2.96	3.26	<0.05	0.02	0.15	0.030	0.05	6.3	6.7	0.09	210	4.05	<0.01
DD023514		0.59	57.4	1.89	1.44	<0.05	0.05	0.41	0.027	0.07	3.2	3.5	0.07	198	3.02	<0.01
DD023515		0.63	36.9	1.87	1.35	<0.05	0.04	0.17	0.026	0.06	2.3	2.6	0.06	142	3.07	<0.01
DD023516		1.59	55.0	2.22	0.83	<0.05	0.09	0.22	0.047	0.09	1.7	0.6	0.02	151	6.01	<0.01
DD023517		0.57	54.7	2.53	1.99	0.05	0.04	0.37	0.034	0.09	4.8	4.9	0.12	123	4.05	<0.01
DD023518		1.33	71.2	2.55	1.45	<0.05	0.03	0.35	0.034	0.07	2.6	2.8	0.05	145	4.51	<0.01
DD023519		0.68	25.2	2.01	2.75	<0.05	<0.02	0.10	0.029	0.06	3.9	4.4	0.06	77	4.27	<0.01
DD023520		0.67	36.0	1.94	1.82	<0.05	0.04	0.12	0.029	0.05	2.9	5.1	0.07	175	3.13	<0.01
DD023521		0.60	35.8	1.61	1.62	<0.05	0.03	0.25	0.021	0.04	3.6	3.6	0.13	217	2.39	<0.01
DD023522		0.69	37.5	2.17	1.66	<0.05	0.02	0.17	0.029	0.05	4.1	2.2	0.03	82	3.70	<0.01
DD023523		0.29	28.6	0.68	0.83	<0.05	0.03	0.14	0.007	0.02	1.5	0.9	0.21	363	0.76	0.01
DD023524		0.55	42.0	1.34	1.11	<0.05	0.04	0.14	0.022	0.04	2.1	2.9	0.10	192	2.84	<0.01
DD023525		0.67	60.1	2.09	1.68	<0.05	0.03	0.20	0.028	0.05	2.3	2.7	0.08	458	2.49	<0.01
DD023526		0.96	76.8	2.66	1.77	0.05	0.03	0.32	0.042	0.08	3.3	3.2	0.06	118	5.51	<0.01
DD023527		0.98	49.3	2.57	1.79	<0.05	0.04	0.29	0.037	0.07	3.0	4.2	0.06	104	5.34	<0.01
DD023528		0.83	49.8	2.26	1.66	<0.05	0.05	0.19	0.031	0.08	2.6	2.5	0.05	37	4.52	<0.01
DD023529		0.60	48.7	2.02	1.40	<0.05	0.03	0.55	0.029	0.08	2.5	2.4	0.20	107	3.56	<0.01
DD023530		0.60	30.4	2.03	1.54	<0.05	0.04	0.21	0.022	0.04	2.5	3.5	0.14	505	2.27	<0.01
DD023531		0.96	46.3	1.35	1.32	<0.05	0.04	0.16	0.024	0.06	2.1	1.7	0.04	55	2.55	<0.01
DD023532		1.14	61.1	1.51	1.22	0.06	0.03	0.21	0.034	0.08	2.5	1.7	0.04	40	4.01	<0.01
DD023533		0.65	34.1	1.60	1.43	<0.05	0.04	0.13	0.024	0.05	2.2	3.5	0.10	181	3.23	<0.01

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
CC135744		0.43	37.1	710	15.5	6.5	<0.001	0.03	1.20	4.5	1.7	0.4	33.8	<0.01	0.06	1.7
CC135745		0.72	27.4	390	14.7	8.8	<0.001	0.01	0.67	3.9	1.0	0.5	14.6	<0.01	0.04	3.2
CC135746		0.66	21.9	1090	19.1	6.5	<0.001	0.04	0.54	3.0	1.3	0.5	34.1	<0.01	0.05	0.8
CC135747		0.75	36.9	1260	31.6	8.8	0.001	0.05	1.27	8.7	2.5	0.4	29.8	0.01	0.07	2.4
CC135748		0.92	31.2	750	16.2	8.5	<0.001	0.02	0.79	4.4	1.0	0.4	27.0	<0.01	0.05	2.6
CC135749		0.66	38.6	760	18.0	7.3	0.001	0.02	0.90	5.0	1.4	0.5	23.6	<0.01	0.05	3.1
CC135750		0.72	36.6	860	17.5	5.1	<0.001	0.01	0.95	4.4	1.4	0.3	22.0	<0.01	0.05	3.6
DD023501		0.62	33.4	790	16.1	7.2	0.001	0.07	1.00	3.5	2.0	0.4	22.3	<0.01	0.06	1.8
DD023502		0.84	35.5	780	18.2	4.8	0.001	0.01	0.86	4.5	1.3	0.3	19.6	<0.01	0.03	3.5
DD023503		0.23	46.3	700	9.6	6.4	0.003	0.11	0.70	3.6	3.6	0.4	106.0	<0.01	0.05	0.4
DD023504		0.51	22.6	240	7.8	7.2	<0.001	0.01	0.66	1.4	1.6	0.4	18.2	<0.01	0.04	1.3
DD023505		0.59	29.3	750	12.0	6.6	0.003	0.05	0.75	2.8	3.4	0.5	43.6	<0.01	0.06	1.3
DD023506		0.09	97.9	1390	12.5	8.3	0.015	0.12	1.59	6.9	7.9	0.4	144.0	<0.01	0.10	0.6
DD023507		0.29	42.0	1080	10.1	7.7	0.007	0.08	0.98	4.0	8.1	0.4	73.3	<0.01	0.11	0.8
DD023508		0.16	60.6	690	11.0	6.0	0.010	0.11	1.23	4.6	9.1	0.4	101.0	<0.01	0.09	0.9
DD023509		0.14	64.3	880	10.7	6.5	0.008	0.09	1.34	4.5	8.2	0.3	125.5	<0.01	0.11	1.0
DD023510		0.08	42.1	1580	12.3	5.7	0.003	0.08	1.27	3.0	7.4	0.3	183.0	<0.01	0.24	1.5
DD023511		0.07	87.1	1680	10.8	8.0	0.012	0.08	1.85	5.9	8.4	0.3	145.0	<0.01	0.16	1.1
DD023512		0.21	43.8	1070	10.7	6.3	0.011	0.09	1.15	4.1	6.9	0.3	89.5	<0.01	0.08	0.5
DD023513		0.48	49.2	560	16.2	8.6	0.001	0.02	1.03	3.8	2.6	0.5	35.2	<0.01	0.06	1.8
DD023514		0.12	70.3	560	8.7	5.8	0.005	0.10	1.17	7.2	5.9	0.3	101.0	<0.01	0.06	0.7
DD023515		0.07	47.2	1000	8.2	6.1	0.010	0.07	0.90	3.7	4.1	0.3	102.5	<0.01	0.06	0.9
DD023516		<0.05	66.2	690	11.5	7.4	0.014	0.04	1.54	7.5	3.2	0.3	73.1	<0.01	0.10	2.4
DD023517		0.24	76.2	720	16.4	5.9	0.004	0.11	1.32	6.8	10.1	0.4	99.7	<0.01	0.08	1.4
DD023518		0.08	86.3	1340	11.6	7.5	0.010	0.10	1.44	5.7	6.7	0.3	124.5	<0.01	0.09	0.7
DD023519		0.20	39.4	550	11.7	8.0	0.001	0.02	0.91	2.8	2.4	0.5	40.2	<0.01	0.08	1.1
DD023520		0.13	36.5	860	9.6	6.8	0.007	0.07	0.83	3.3	4.3	0.3	115.5	<0.01	0.12	0.9
DD023521		0.21	38.3	750	8.3	5.9	0.007	0.12	1.14	2.7	4.7	0.3	136.0	<0.01	0.07	0.3
DD023522		0.16	61.7	750	9.7	5.4	0.003	0.03	1.29	4.1	4.5	0.3	51.0	<0.01	0.12	1.4
DD023523		0.15	25.8	940	3.5	1.6	0.016	0.25	0.84	0.8	6.6	<0.2	163.0	<0.01	0.03	<0.2
DD023524		0.10	44.2	870	7.4	5.2	0.012	0.15	1.13	2.5	6.4	0.2	160.5	<0.01	0.09	0.4
DD023525		0.07	90.3	620	9.3	5.8	0.011	0.06	1.03	4.9	5.5	0.4	102.0	<0.01	0.13	0.8
DD023526		0.11	81.8	1270	14.6	8.2	0.009	0.09	1.56	6.5	9.3	0.4	168.5	<0.01	0.15	1.1
DD023527		0.13	77.7	880	13.2	6.8	0.002	0.05	1.37	6.7	3.8	0.4	95.5	<0.01	0.07	1.3
DD023528		0.07	50.8	1000	9.6	7.4	0.008	0.06	1.14	5.7	8.9	0.4	113.5	<0.01	0.07	1.3
DD023529		0.07	56.7	860	11.5	6.3	0.010	0.09	1.09	5.3	6.8	0.3	124.0	<0.01	0.07	0.9
DD023530		0.16	51.0	800	8.8	5.7	0.021	0.21	1.01	2.8	9.1	0.3	142.0	<0.01	0.06	0.4
DD023531		0.05	53.7	1070	9.6	6.3	0.011	0.10	1.06	3.5	6.2	0.3	125.5	<0.01	0.12	0.7
DD023532		<0.05	69.8	1100	12.7	7.6	0.007	0.14	1.49	5.2	13.8	0.3	135.0	<0.01	0.14	1.2
DD023533		0.10	40.6	900	9.2	6.3	0.011	0.09	0.90	2.9	4.9	0.3	130.5	<0.01	0.14	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
CC135744		0.005	0.25	1.48	57	0.13	14.35	142	2.0
CC135745		0.007	0.15	1.07	56	0.11	11.40	123	1.7
CC135746		0.014	0.09	2.39	67	0.13	14.40	88	0.6
CC135747		0.006	0.26	3.49	100	0.13	43.7	152	1.9
CC135748		0.019	0.14	1.47	54	0.15	13.20	117	1.3
CC135749		0.007	0.14	1.41	46	0.08	11.85	136	2.2
CC135750		0.011	0.10	0.98	44	0.06	11.20	144	2.5
DD023501		0.005	0.16	7.61	44	0.11	9.44	116	1.8
DD023502		0.012	0.11	0.87	44	0.05	12.25	144	2.3
DD023503		<0.005	0.12	5.71	51	0.06	13.65	113	1.5
DD023504		0.011	0.12	0.58	57	0.14	2.76	79	<0.5
DD023505		0.011	0.10	2.08	60	0.14	7.73	91	1.2
DD023506		<0.005	0.24	5.23	55	0.05	28.5	298	1.2
DD023507		<0.005	0.11	5.28	69	0.09	21.1	103	1.3
DD023508		<0.005	0.10	3.52	53	<0.05	21.1	136	1.9
DD023509		<0.005	0.12	2.75	52	<0.05	20.4	179	1.7
DD023510		<0.005	0.14	4.92	72	<0.05	20.2	167	0.7
DD023511		<0.005	0.18	3.82	60	0.07	26.5	297	1.1
DD023512		<0.005	0.10	4.65	54	0.10	23.6	111	1.4
DD023513		0.008	0.16	1.50	82	0.11	10.40	191	1.0
DD023514		<0.005	0.15	3.73	41	0.06	26.9	143	2.6
DD023515		<0.005	0.09	2.90	43	0.19	17.20	165	1.7
DD023516		<0.005	0.15	2.30	42	<0.05	18.35	191	4.8
DD023517		0.005	0.12	3.32	60	0.08	23.9	220	2.3
DD023518		<0.005	0.20	4.18	54	<0.05	25.5	294	1.1
DD023519		<0.005	0.13	1.66	69	0.06	9.49	146	<0.5
DD023520		<0.005	0.09	2.62	58	<0.05	16.50	109	1.3
DD023521		0.005	0.11	3.64	46	0.08	17.95	111	1.6
DD023522		0.005	0.14	1.56	58	0.05	24.6	173	0.8
DD023523		0.005	0.05	4.72	15	0.06	8.40	63	1.4
DD023524		<0.005	0.10	2.63	37	0.05	17.90	148	1.9
DD023525		<0.005	0.11	1.34	49	<0.05	27.7	204	1.4
DD023526		<0.005	0.18	3.94	68	0.05	27.6	234	1.4
DD023527		<0.005	0.15	2.59	62	0.05	20.4	263	1.7
DD023528		<0.005	0.10	3.47	51	<0.05	21.6	206	2.5
DD023529		<0.005	0.13	2.16	47	<0.05	20.6	192	1.8
DD023530		<0.005	0.10	6.94	41	0.05	13.50	141	1.5
DD023531		<0.005	0.16	2.91	45	<0.05	17.15	164	1.4
DD023532		<0.005	0.17	2.57	45	<0.05	21.5	209	1.3
DD023533		<0.005	0.12	2.03	47	<0.05	13.20	154	1.5

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Finalized Date: 10-AUG-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD023534		0.13	0.004	0.73	0.34	15.6	<0.2	<10	1060	0.52	0.06	2.62	2.03	3.80	19.9	5
DD023535		0.30	0.005	1.29	0.55	44.0	<0.2	10	1180	0.74	0.14	2.14	0.83	5.69	4.9	23
DD023536		0.17	0.003	0.48	0.25	3.9	<0.2	10	950	0.23	0.05	5.19	1.12	2.06	2.2	5
DD023537		0.25	0.003	0.98	0.51	32.0	<0.2	<10	890	0.48	0.15	0.93	0.53	4.68	3.9	20
DD023538		0.30	0.003	1.24	0.60	37.1	<0.2	10	820	0.64	0.15	0.82	0.66	4.01	5.4	21
DD023539		0.22	0.004	1.59	0.47	38.7	<0.2	10	1120	0.63	0.16	0.75	0.58	3.16	5.8	21
DD023540		0.28	0.005	1.70	0.50	34.3	<0.2	10	1160	0.63	0.16	1.14	1.54	4.45	6.4	22
DD023541		0.23	0.004	0.94	0.33	31.9	<0.2	10	430	0.36	0.11	6.40	0.40	2.68	6.3	13
DD023542		0.20	0.005	1.43	0.45	77.6	<0.2	10	1150	0.69	0.18	0.79	0.82	4.58	7.9	24
DD023543		0.34	0.005	1.07	0.39	56.3	<0.2	10	1100	0.60	0.15	0.71	0.96	4.34	5.0	21
DD023544		0.23	0.005	1.64	0.46	39.7	<0.2	10	990	0.63	0.17	1.06	0.90	4.31	3.1	19
DD023545		0.22	0.009	2.32	0.55	51.7	<0.2	10	990	0.71	0.16	0.46	0.75	3.52	5.2	26
DD023546		0.23	0.004	1.06	0.35	21.0	<0.2	10	680	0.38	0.10	1.79	0.66	2.14	1.9	14
DD023547		0.23	0.004	1.23	0.60	31.0	<0.2	10	740	0.52	0.15	1.21	0.65	4.51	6.1	20
DD023548		0.30	0.006	0.95	0.62	22.0	<0.2	<10	830	0.50	0.13	1.08	0.62	8.67	4.6	18
DD023549		0.27	0.004	1.29	0.53	25.3	<0.2	<10	830	0.58	0.15	0.91	0.88	5.18	4.4	18
DD023550		0.18	0.005	1.12	0.44	28.7	<0.2	<10	880	0.40	0.12	1.58	1.00	5.27	5.4	17
DD023551		0.19	0.004	1.38	0.57	28.8	<0.2	10	790	0.58	0.14	1.33	0.85	5.21	5.5	19
DD023552		0.28	0.005	1.43	0.46	35.0	<0.2	10	850	0.53	0.14	1.06	0.74	3.25	4.1	18
DD023553		0.32	0.005	1.80	0.55	59.9	<0.2	<10	1230	0.86	0.17	0.72	1.01	5.31	6.1	24
DD023554		0.15	0.006	1.86	0.44	47.1	<0.2	10	860	0.55	0.16	1.19	1.60	3.78	5.3	19
DD023555		0.30	0.004	1.44	0.47	43.1	<0.2	10	1160	0.64	0.14	1.06	0.93	3.88	5.0	19
DD023556		0.33	0.007	1.24	0.27	70.8	<0.2	10	1270	0.46	0.16	0.61	0.31	1.82	1.4	14
DD023557		0.31	0.004	1.51	0.50	24.6	<0.2	10	860	0.51	0.14	1.74	0.58	5.52	4.3	20
DD023558		0.27	0.003	1.19	0.56	32.3	<0.2	<10	780	0.54	0.14	0.92	0.87	4.97	5.6	18
DD023559		0.28	0.004	1.59	0.40	38.6	<0.2	10	780	0.58	0.14	0.87	0.65	3.80	4.4	16
DD023560		0.56	0.009	1.69	0.59	117.0	<0.2	<10	1090	0.78	0.17	2.37	1.17	9.09	5.2	23
DD023561		0.33	0.005	1.86	0.43	11.3	<0.2	<10	340	0.39	0.17	0.81	0.52	8.71	5.9	15
DD023562		0.48	0.002	0.46	0.60	11.4	<0.2	<10	400	0.33	0.23	0.08	0.42	10.10	8.0	14
DD023563		0.31	0.003	0.40	0.58	6.8	<0.2	<10	490	0.42	0.14	2.81	0.82	14.10	5.1	13
DD023564		0.25	0.003	1.01	0.51	6.6	<0.2	10	920	0.38	0.15	2.36	0.73	12.65	4.3	13
DD023565		0.33	0.003	0.95	0.73	9.0	<0.2	<10	1120	0.39	0.17	1.85	0.75	13.80	5.9	14
DD023566		0.39	0.003	0.37	0.72	14.7	<0.2	10	490	0.55	0.19	5.70	2.25	17.60	7.6	22
DD023567		0.28	0.006	0.12	0.51	5.0	<0.2	10	300	0.31	0.10	6.37	3.63	9.96	3.5	10
DD023568		0.35	0.002	0.64	0.87	35.7	<0.2	10	430	0.67	0.21	1.67	2.22	10.30	5.2	20
DD023569		0.24	0.001	0.18	1.11	31.6	<0.2	<10	530	0.52	0.21	1.26	2.93	15.75	7.0	24
DD023570		0.26	0.002	0.70	1.15	69.0	<0.2	<10	420	0.70	0.21	0.83	1.13	19.90	7.3	29
DD023571		0.33	0.004	0.88	0.82	46.9	<0.2	<10	600	0.55	0.17	1.68	0.89	15.15	5.8	23
DD023572		0.31	0.002	0.31	1.10	25.6	<0.2	<10	630	0.53	0.16	2.33	0.55	12.10	5.8	20
DD023573		0.44	0.002	0.18	1.34	36.0	<0.2	<10	410	0.72	0.21	1.15	0.57	13.55	10.0	24

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD023534		0.25	34.4	2.23	0.54	<0.05	0.04	0.10	0.012	0.01	2.2	0.3	0.06	787	3.01	0.01
DD023535		0.59	47.6	1.90	1.49	<0.05	0.03	0.44	0.027	0.06	3.4	2.9	0.26	222	2.89	<0.01
DD023536		0.30	24.6	0.52	0.49	<0.05	0.06	0.09	0.006	0.02	1.2	0.7	0.11	190	0.58	0.01
DD023537		0.80	28.3	2.20	1.40	<0.05	0.03	0.12	0.023	0.05	2.8	2.0	0.04	163	4.71	<0.01
DD023538		0.70	39.6	1.78	1.59	<0.05	0.04	0.24	0.026	0.05	2.4	2.9	0.06	177	4.44	<0.01
DD023539		0.74	54.1	2.44	1.37	0.05	0.04	0.17	0.030	0.07	2.0	2.1	0.06	279	5.32	<0.01
DD023540		0.89	57.9	1.71	1.45	<0.05	0.04	0.23	0.030	0.06	2.7	2.7	0.06	236	3.58	<0.01
DD023541		0.40	20.9	2.02	0.92	<0.05	0.06	0.25	0.023	0.06	1.6	2.3	0.09	1170	1.88	0.01
DD023542		0.95	60.4	2.97	1.50	<0.05	0.04	0.46	0.034	0.07	2.8	2.8	0.06	305	6.19	<0.01
DD023543		0.86	46.4	1.89	1.35	<0.05	0.05	0.29	0.028	0.06	2.6	2.2	0.05	115	4.23	<0.01
DD023544		0.77	58.3	2.15	1.33	0.05	0.05	0.30	0.026	0.06	2.5	2.5	0.07	79	2.96	<0.01
DD023545		0.79	53.6	2.39	1.48	<0.05	0.03	0.22	0.035	0.07	2.4	2.3	0.04	149	5.47	<0.01
DD023546		0.57	34.9	1.30	0.92	<0.05	0.05	0.16	0.019	0.04	1.3	1.1	0.07	68	3.17	0.01
DD023547		0.75	32.6	1.72	1.64	<0.05	0.04	0.21	0.027	0.05	2.5	3.5	0.09	304	2.99	<0.01
DD023548		0.68	27.1	1.69	1.80	<0.05	0.04	0.18	0.023	0.06	4.4	6.0	0.15	73	1.79	<0.01
DD023549		0.70	38.7	1.90	1.44	<0.05	0.03	0.18	0.023	0.05	2.9	2.8	0.06	111	2.82	<0.01
DD023550		0.60	30.5	1.67	1.31	<0.05	0.05	0.24	0.023	0.04	2.9	2.8	0.09	276	3.21	<0.01
DD023551		0.64	35.1	1.88	1.49	<0.05	0.04	0.20	0.024	0.05	2.9	3.5	0.09	210	3.00	<0.01
DD023552		0.70	34.7	1.70	1.21	<0.05	0.04	0.20	0.025	0.05	1.9	2.0	0.06	316	3.34	<0.01
DD023553		1.06	72.8	2.40	1.60	<0.05	0.04	0.35	0.037	0.06	3.1	3.8	0.06	105	6.53	<0.01
DD023554		0.60	53.1	2.13	1.21	<0.05	0.05	0.31	0.028	0.06	2.2	2.9	0.07	348	4.44	<0.01
DD023555		0.88	49.5	2.11	1.34	<0.05	0.05	0.30	0.028	0.05	2.3	2.2	0.07	295	4.31	0.01
DD023556		0.87	48.7	1.03	1.19	<0.05	0.05	0.72	0.028	0.05	1.1	1.4	0.05	72	3.36	<0.01
DD023557		0.65	32.7	1.60	1.39	<0.05	0.03	0.21	0.024	0.04	3.2	2.3	0.06	182	2.15	<0.01
DD023558		0.73	31.9	1.90	1.56	<0.05	0.04	0.17	0.025	0.05	2.8	3.6	0.08	208	3.33	<0.01
DD023559		0.75	40.8	1.94	1.12	<0.05	0.04	0.17	0.026	0.06	2.3	2.5	0.06	122	2.80	<0.01
DD023560		1.23	41.9	2.00	2.04	<0.05	0.04	8.00	0.032	0.07	4.8	4.8	1.06	109	4.64	<0.01
DD023561		3.20	59.5	2.01	1.34	0.05	0.03	0.14	0.032	0.06	4.6	1.6	0.03	227	4.85	<0.01
DD023562		5.53	36.0	2.62	1.92	<0.05	<0.02	0.08	0.030	0.07	4.8	2.3	0.05	172	2.04	<0.01
DD023563		0.69	16.8	1.39	1.56	<0.05	0.02	0.11	0.017	0.04	12.9	3.7	0.12	369	0.80	<0.01
DD023564		2.03	19.5	1.44	1.27	<0.05	0.03	0.15	0.025	0.05	10.6	2.7	0.10	202	0.97	<0.01
DD023565		2.84	17.7	1.59	1.93	<0.05	0.05	0.15	0.025	0.05	10.7	3.3	0.10	175	0.93	0.01
DD023566		0.78	16.9	2.04	1.80	0.07	0.04	0.07	0.024	0.07	30.0	4.7	0.14	606	0.80	<0.01
DD023567		0.25	12.4	0.73	1.09	0.05	0.04	0.11	0.015	0.03	21.4	1.6	0.08	641	0.52	0.01
DD023568		1.77	26.1	1.90	2.40	<0.05	0.04	0.10	0.032	0.10	11.5	5.0	0.11	196	2.75	<0.01
DD023569		1.34	14.7	2.24	3.19	<0.05	0.03	0.05	0.026	0.07	13.4	5.8	0.12	843	1.38	0.01
DD023570		1.48	18.3	2.47	3.08	0.05	0.03	0.11	0.031	0.07	18.6	6.4	0.15	326	2.61	0.01
DD023571		1.14	29.4	1.83	2.19	0.05	0.04	0.19	0.025	0.07	15.1	5.6	0.17	228	1.60	0.01
DD023572		0.90	18.6	1.86	2.80	<0.05	0.04	0.11	0.022	0.05	9.6	8.3	0.20	273	0.87	0.01
DD023573		0.93	24.7	2.75	3.65	<0.05	0.04	0.08	0.029	0.07	10.1	19.2	0.34	250	1.14	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023534		0.11	58.9	1000	2.1	1.0	0.006	0.21	1.00	1.7	6.1	<0.2	152.0	<0.01	0.06	0.4
DD023535		0.12	57.5	920	12.6	5.3	0.003	0.06	1.12	3.5	4.1	0.3	103.5	<0.01	0.08	0.4
DD023536		0.11	28.6	820	2.4	2.2	0.004	0.27	0.60	0.6	3.5	<0.2	203	<0.01	0.03	0.2
DD023537		0.10	42.3	1150	9.4	7.1	0.006	0.05	0.99	2.4	5.7	0.3	99.8	<0.01	0.18	1.1
DD023538		0.09	47.5	900	10.0	6.8	0.005	0.07	0.96	3.3	4.7	0.3	122.0	<0.01	0.14	0.8
DD023539		0.05	68.1	980	9.6	6.9	0.009	0.10	1.42	4.3	7.9	0.3	130.5	<0.01	0.12	0.9
DD023540		0.09	82.6	1110	9.6	6.6	0.011	0.09	1.30	4.7	6.7	0.3	126.5	<0.01	0.11	0.8
DD023541		0.08	52.6	730	7.9	4.7	0.016	0.32	0.66	2.5	6.9	0.3	189.5	<0.01	0.04	0.6
DD023542		0.07	91.9	860	12.3	6.1	0.007	0.06	1.29	5.6	6.2	0.4	111.5	<0.01	0.10	1.1
DD023543		0.06	63.3	960	11.4	5.8	0.009	0.06	1.16	4.9	5.2	0.4	105.5	<0.01	0.08	1.0
DD023544		0.10	72.3	850	11.0	6.3	0.018	0.11	1.10	5.0	8.7	0.3	110.0	<0.01	0.09	0.9
DD023545		0.05	78.2	1200	10.7	6.5	0.011	0.13	1.48	4.7	8.4	0.4	148.0	<0.01	0.21	0.8
DD023546		0.07	51.9	670	6.1	5.2	0.004	0.13	0.94	2.5	5.3	0.3	138.5	<0.01	0.08	0.4
DD023547		0.11	42.3	830	10.2	7.0	0.011	0.09	0.81	3.3	4.8	0.3	111.0	<0.01	0.13	0.7
DD023548		0.14	39.2	1040	8.5	5.6	0.007	0.06	0.71	3.1	3.2	0.3	84.2	<0.01	0.11	1.5
DD023549		0.12	44.7	800	8.6	5.7	0.005	0.07	0.90	3.0	5.9	0.3	72.9	<0.01	0.10	1.1
DD023550		0.13	38.3	950	9.1	4.7	0.004	0.11	1.07	2.8	4.8	0.3	94.0	<0.01	0.09	0.6
DD023551		0.11	48.3	1020	9.5	6.9	0.012	0.08	0.85	3.0	5.6	0.3	107.0	<0.01	0.14	0.9
DD023552		0.08	49.0	750	9.1	6.2	0.007	0.09	0.87	3.3	6.0	0.3	116.5	<0.01	0.13	0.6
DD023553		0.11	57.1	1070	12.6	6.8	0.006	0.05	1.31	6.7	6.1	0.4	111.0	<0.01	0.11	1.0
DD023554		0.10	72.9	1070	11.5	6.2	0.012	0.12	1.20	4.0	6.7	0.3	132.5	<0.01	0.15	0.5
DD023555		0.08	70.8	1040	9.1	6.4	0.012	0.11	1.16	4.4	6.8	0.3	117.0	<0.01	0.10	0.6
DD023556		<0.05	21.8	440	15.4	4.3	0.009	0.08	0.85	5.0	2.3	0.3	86.8	<0.01	0.07	0.5
DD023557		0.13	35.8	870	8.6	5.3	0.007	0.09	0.83	2.3	4.9	0.3	88.5	<0.01	0.08	0.5
DD023558		0.09	41.3	900	9.7	6.8	0.012	0.07	0.79	3.1	5.5	0.3	100.0	<0.01	0.13	1.0
DD023559		0.06	61.2	930	9.3	5.7	0.007	0.08	0.94	3.6	5.1	0.3	128.5	<0.01	0.14	0.9
DD023560		0.14	53.7	850	31.5	7.4	0.002	0.04	1.63	5.6	3.2	0.4	81.2	<0.01	0.09	1.7
DD023561		0.10	47.2	1710	9.8	8.1	0.003	0.05	1.21	2.4	4.9	0.4	46.4	<0.01	0.11	0.8
DD023562		0.26	44.8	720	12.0	11.5	0.001	0.04	1.36	3.2	1.8	0.4	14.0	<0.01	0.13	1.6
DD023563		0.25	17.5	1400	8.4	5.6	<0.001	0.18	0.55	0.7	1.4	0.2	36.2	<0.01	0.09	0.2
DD023564		0.20	24.0	1110	8.5	7.2	0.001	0.19	0.69	1.3	1.9	0.2	51.4	<0.01	0.08	0.4
DD023565		0.35	21.1	1350	9.3	7.1	0.001	0.23	0.70	1.7	1.8	0.3	49.9	<0.01	0.08	0.4
DD023566		0.18	23.4	1330	12.5	6.9	<0.001	0.13	0.57	1.2	2.0	0.3	53.7	<0.01	0.15	0.4
DD023567		0.22	9.3	1920	6.4	2.2	<0.001	0.28	0.26	0.6	1.7	0.2	54.0	0.01	0.07	0.2
DD023568		0.29	40.6	890	11.7	18.3	0.002	0.09	0.76	2.5	2.5	0.5	34.2	<0.01	0.06	0.6
DD023569		0.44	21.4	810	12.5	10.7	0.001	0.07	0.59	2.1	1.4	0.5	26.5	<0.01	0.10	0.5
DD023570		0.43	37.9	800	12.8	11.7	0.001	0.07	0.92	4.0	2.8	0.4	35.0	<0.01	0.10	1.0
DD023571		0.38	36.9	980	9.2	6.7	0.001	0.07	0.75	3.1	2.3	0.4	44.3	<0.01	0.06	0.8
DD023572		0.41	21.0	1130	9.3	6.3	<0.001	0.13	0.42	1.7	1.3	0.3	40.7	<0.01	0.04	0.5
DD023573		0.38	38.3	610	13.5	8.8	<0.001	0.06	0.51	3.4	1.2	0.4	25.2	<0.01	0.04	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD023534		0.005	0.02	2.07	15	0.05	24.8	143	2.1
DD023535		<0.005	0.11	2.21	52	0.06	26.5	186	1.5
DD023536		0.005	0.03	2.15	8	<0.05	5.03	102	1.4
DD023537		<0.005	0.12	1.86	51	0.05	13.25	149	1.1
DD023538		<0.005	0.11	2.37	53	<0.05	17.35	136	1.2
DD023539		<0.005	0.12	2.56	52	<0.05	21.0	201	1.3
DD023540		<0.005	0.15	4.78	51	<0.05	23.8	226	1.8
DD023541		<0.005	0.09	2.49	26	<0.05	11.60	174	2.0
DD023542		<0.005	0.12	3.55	50	0.05	22.1	276	1.7
DD023543		<0.005	0.13	2.50	47	<0.05	20.9	227	1.8
DD023544		<0.005	0.16	4.81	47	0.05	23.2	159	2.0
DD023545		<0.005	0.18	3.12	62	0.05	21.7	239	1.0
DD023546		<0.005	0.10	1.72	37	<0.05	12.10	146	1.9
DD023547		<0.005	0.14	1.89	48	<0.05	15.45	152	1.3
DD023548		<0.005	0.12	1.51	40	0.06	15.55	160	1.4
DD023549		<0.005	0.11	7.59	38	<0.05	15.75	173	1.3
DD023550		<0.005	0.11	2.28	40	<0.05	14.40	142	1.7
DD023551		<0.005	0.12	2.32	43	<0.05	18.30	192	1.4
DD023552		<0.005	0.13	2.22	44	<0.05	16.95	127	1.6
DD023553		<0.005	0.16	3.89	55	0.05	25.8	215	1.3
DD023554		<0.005	0.14	2.60	51	<0.05	18.40	270	1.6
DD023555		<0.005	0.14	2.65	47	<0.05	20.9	208	1.7
DD023556		<0.005	0.14	1.83	27	<0.05	9.34	78	1.8
DD023557		<0.005	0.13	2.75	39	0.05	16.90	101	1.3
DD023558		<0.005	0.12	2.27	43	0.05	16.45	162	1.2
DD023559		<0.005	0.12	1.39	40	<0.05	18.65	187	1.4
DD023560		<0.005	0.32	1.78	56	0.13	18.05	228	1.8
DD023561		<0.005	0.21	3.64	32	<0.05	21.5	169	0.7
DD023562		0.008	0.17	1.36	33	0.09	8.83	149	<0.5
DD023563		0.006	0.08	1.16	25	0.11	21.4	63	0.5
DD023564		0.005	0.12	1.67	23	0.09	19.45	111	1.1
DD023565		0.009	0.19	1.46	26	0.07	18.95	82	1.5
DD023566		0.005	0.11	0.50	33	0.08	54.4	170	0.9
DD023567		0.005	0.06	0.89	15	<0.05	38.0	105	1.1
DD023568		0.007	0.19	2.46	33	0.09	20.0	161	1.1
DD023569		0.012	0.15	1.01	50	0.11	17.80	153	0.6
DD023570		0.009	0.26	1.63	55	0.11	28.9	150	0.9
DD023571		0.009	0.16	1.13	39	0.13	29.5	107	1.2
DD023572		0.008	0.12	1.47	34	0.08	14.20	87	1.3
DD023573		0.007	0.14	1.15	34	0.08	16.90	116	1.1

ALS Canada Ltd.

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Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD023574		0.34	0.003	0.28	0.94	42.0	<0.2	<10	340	0.55	0.16	1.50	0.78	14.55	6.9	21
DD023575		0.23	0.004	0.21	0.90	33.0	<0.2	<10	480	0.46	0.13	2.40	1.57	9.33	6.2	17
DD023576		0.27	0.005	0.18	0.72	14.1	<0.2	<10	730	0.38	0.11	3.78	0.59	5.56	5.3	12
DD023577		0.24	0.003	0.34	1.04	21.9	<0.2	<10	720	0.76	0.15	3.83	0.54	9.42	7.5	18
DD023578		0.28	0.003	0.41	0.76	18.2	<0.2	<10	740	0.43	0.10	4.26	0.88	8.36	3.8	15
DD023579		0.42	0.003	0.71	1.02	50.3	<0.2	<10	950	0.68	0.17	0.62	0.45	12.90	6.0	28
DD023580		0.34	0.001	0.22	0.55	46.8	<0.2	<10	160	0.29	0.08	0.94	0.82	8.43	3.3	13
DD023581		0.22	0.002	0.23	0.76	7.6	<0.2	<10	680	0.38	0.12	4.19	2.89	9.75	4.9	14
DD023582		0.25	0.002	0.27	0.50	15.7	<0.2	10	600	0.35	0.10	5.17	1.21	10.95	4.2	14
DD023583		0.33	0.002	0.41	1.41	36.7	<0.2	10	430	0.75	0.25	2.79	4.36	25.9	9.5	32
DD023584		0.32	0.003	0.37	0.64	19.7	<0.2	<10	500	0.41	0.12	3.58	1.36	12.80	5.0	19
DD023585		0.24	0.003	0.63	0.55	10.0	<0.2	<10	650	0.37	0.11	3.91	1.58	13.80	4.9	14
DD023586		0.29	0.003	0.23	0.40	2.8	<0.2	10	460	0.25	0.09	4.85	0.86	6.75	4.3	9
DD023587		0.52	0.004	0.92	0.53	6.4	<0.2	<10	1200	0.34	0.21	0.63	0.44	6.08	3.7	12
DD023588		0.29	0.004	0.17	0.47	3.9	<0.2	10	460	0.28	0.10	4.38	0.98	7.43	3.8	12
DD023589		0.36	0.003	1.28	0.86	13.6	<0.2	10	850	0.54	0.21	1.90	1.20	26.2	8.9	23
DD023590		0.21	0.003	0.52	0.59	7.2	<0.2	<10	640	0.26	0.15	2.36	1.14	9.63	4.5	12
DD023591		0.26	0.003	0.56	0.74	11.5	<0.2	10	740	0.52	0.15	3.70	1.74	16.15	6.1	23
DD023592		0.27	0.004	0.65	0.93	29.6	<0.2	10	650	0.61	0.18	2.59	1.52	16.15	7.6	25
DD023593		0.31	0.002	0.44	1.14	34.2	<0.2	<10	650	0.69	0.19	3.31	2.17	16.15	8.2	25
DD023594		0.28	0.002	0.33	1.05	18.5	<0.2	<10	540	0.50	0.20	2.38	3.32	15.95	6.4	22
DD023595		0.33	0.001	0.17	0.88	60.1	<0.2	<10	250	0.46	0.16	0.33	0.55	14.75	5.5	22
DD023596		0.33	0.003	0.38	1.21	60.7	<0.2	<10	430	0.70	0.20	1.19	1.08	22.8	8.2	29
DD023597		0.29	0.002	0.22	0.68	10.0	<0.2	<10	440	0.35	0.09	4.04	3.78	8.73	3.3	12
DD023598		0.38	0.003	0.64	0.84	34.3	<0.2	<10	530	0.54	0.17	1.85	2.04	16.35	7.2	26
DD023599		0.30	0.003	0.34	1.17	20.9	<0.2	<10	660	0.70	0.16	3.15	1.21	13.35	7.5	23
DD023600		0.29	0.004	0.33	1.26	26.8	<0.2	<10	420	0.73	0.18	1.42	0.74	20.2	8.6	25
DD023601		0.25	0.005	2.22	0.45	28.2	<0.2	10	1220	0.48	0.13	2.95	1.31	4.41	3.8	20
DD023602		0.42	0.005	5.50	0.40	37.2	<0.2	10	780	0.61	0.15	1.83	1.37	5.07	5.2	33
DD023603		0.44	0.004	1.53	0.47	16.7	<0.2	10	660	0.41	0.13	2.75	0.67	6.43	4.2	22
DD023604		0.38	0.008	3.69	0.77	27.0	<0.2	10	510	0.63	0.18	2.01	0.82	11.30	6.7	37
DD023605		0.32	0.004	0.57	0.64	19.6	<0.2	<10	790	0.33	0.13	3.07	0.99	9.98	4.2	18
DD023606		0.36	0.001	0.19	1.62	57.8	<0.2	<10	320	0.92	0.16	1.03	1.68	35.7	12.2	34
DD023607		0.41	0.002	0.62	0.99	94.0	<0.2	<10	270	0.48	0.16	0.70	0.64	11.15	5.8	18
DD023608		0.36	0.002	0.17	0.42	185.0	<0.2	<10	110	0.16	0.15	0.02	0.32	8.19	2.7	15
DD023609		0.37	0.002	0.76	0.90	438	<0.2	<10	160	0.51	0.17	0.22	1.10	19.85	9.3	22
DD023610		0.23	0.002	0.15	0.58	46.1	<0.2	<10	140	0.30	0.10	4.09	2.81	10.15	5.2	13
DD023611		0.42	0.003	0.59	1.01	28.6	<0.2	10	550	0.64	0.18	2.35	0.63	13.00	9.2	22
DD023612		0.38	0.003	0.42	1.18	35.2	<0.2	<10	480	0.68	0.18	2.56	1.02	22.3	8.4	24
DD023613		0.24	0.004	0.29	1.20	37.7	<0.2	<10	690	0.46	0.19	2.23	0.38	13.10	6.1	23

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023574		0.80	21.9	2.13	2.63	<0.05	0.05	0.11	0.026	0.07	10.9	11.7	0.26	270	1.07	0.01
DD023575		0.65	25.0	1.70	2.38	<0.05	0.04	0.13	0.017	0.06	6.6	9.0	0.21	215	0.82	0.01
DD023576		0.29	22.4	1.35	1.79	<0.05	0.03	0.13	0.017	0.05	4.4	5.9	0.13	622	0.64	0.01
DD023577		0.76	45.2	1.92	2.40	0.05	0.05	0.20	0.021	0.05	8.4	9.5	0.19	957	0.78	0.01
DD023578		0.72	16.5	1.23	1.74	<0.05	0.03	0.14	0.016	0.03	12.1	3.7	0.10	260	0.82	0.01
DD023579		0.89	19.3	2.52	2.25	<0.05	0.04	0.10	0.032	0.07	7.7	6.1	0.10	167	3.56	0.01
DD023580		0.68	7.4	0.96	1.35	<0.05	0.03	0.07	0.014	0.03	13.0	2.9	0.08	344	0.64	0.01
DD023581		0.62	14.1	1.23	1.84	<0.05	0.04	0.09	0.016	0.04	13.8	2.8	0.09	676	0.68	0.01
DD023582		0.71	12.7	1.29	1.25	0.05	0.03	0.08	0.015	0.04	14.5	3.3	0.09	289	1.02	0.02
DD023583		0.79	21.2	2.86	3.04	0.09	0.05	0.07	0.036	0.09	46.9	7.2	0.25	927	1.36	0.01
DD023584		0.90	14.0	1.67	1.53	0.06	0.03	0.12	0.021	0.05	18.3	5.1	0.13	306	1.54	0.01
DD023585		1.52	15.7	1.36	1.21	<0.05	0.02	0.12	0.019	0.03	12.0	2.6	0.10	414	0.69	0.01
DD023586		0.66	11.8	0.89	0.84	<0.05	0.03	0.12	0.012	0.03	10.8	1.6	0.07	479	0.63	0.01
DD023587		3.03	21.0	1.86	1.27	<0.05	0.04	0.10	0.028	0.15	5.8	2.2	0.05	204	0.95	0.02
DD023588		0.40	12.2	0.96	1.08	<0.05	0.02	0.15	0.016	0.03	10.6	1.6	0.07	653	0.60	0.01
DD023589		5.71	26.2	2.49	2.00	0.06	0.03	0.16	0.033	0.07	20.0	5.9	0.18	378	1.72	0.01
DD023590		2.81	16.0	1.49	1.57	<0.05	0.03	0.13	0.019	0.05	5.5	3.5	0.12	329	0.98	0.01
DD023591		0.92	16.9	2.09	1.80	0.09	0.03	0.10	0.024	0.04	27.8	5.3	0.13	301	1.07	0.01
DD023592		1.25	21.2	2.44	2.25	0.07	0.04	0.12	0.031	0.06	26.4	6.7	0.17	319	1.28	0.01
DD023593		1.34	18.2	2.18	2.68	0.05	0.03	0.12	0.026	0.06	22.0	6.3	0.19	655	1.01	0.01
DD023594		1.38	14.7	2.06	2.71	0.05	0.03	0.09	0.024	0.06	16.9	5.7	0.15	541	0.91	0.01
DD023595		1.40	15.4	2.01	2.15	<0.05	0.02	0.04	0.026	0.05	5.6	6.1	0.10	142	1.96	0.01
DD023596		0.83	18.7	2.57	2.98	0.07	0.05	0.09	0.027	0.08	23.0	8.3	0.26	438	1.49	0.01
DD023597		0.53	13.7	1.02	1.56	<0.05	0.04	0.08	0.013	0.03	12.6	2.7	0.09	261	0.77	0.01
DD023598		1.06	18.4	2.07	2.06	0.06	0.03	0.10	0.025	0.07	18.0	7.8	0.17	396	1.28	0.01
DD023599		0.72	39.3	1.75	2.78	<0.05	0.07	0.18	0.024	0.06	9.6	11.1	0.26	234	0.41	0.01
DD023600		0.99	23.9	2.53	3.17	0.05	0.05	0.11	0.024	0.07	15.3	11.1	0.36	324	1.36	0.02
DD023601		0.32	37.8	2.02	1.13	<0.05	0.05	0.23	0.024	0.08	3.6	2.2	0.05	99	8.76	0.01
DD023602		0.74	78.5	4.02	0.95	0.09	0.04	0.22	0.036	0.10	5.1	1.0	0.07	114	9.34	0.02
DD023603		0.97	28.1	1.65	1.31	<0.05	0.03	0.16	0.020	0.06	5.2	2.5	0.10	223	1.73	0.01
DD023604		3.03	64.5	2.26	2.08	0.05	0.06	0.31	0.033	0.08	8.2	5.0	0.16	185	2.93	0.01
DD023605		0.71	14.6	1.26	2.07	<0.05	0.02	0.09	0.016	0.04	6.0	3.7	0.11	466	1.29	0.01
DD023606		1.21	17.1	2.71	2.48	0.05	0.02	0.06	0.042	0.03	9.8	8.4	0.07	1200	2.77	0.01
DD023607		1.92	14.2	1.66	2.49	<0.05	0.03	0.07	0.020	0.05	6.2	5.1	0.09	375	1.20	0.01
DD023608		1.30	15.3	1.96	2.25	<0.05	<0.02	0.02	0.018	0.04	5.1	1.6	0.04	36	2.28	0.01
DD023609		1.55	11.3	2.46	2.55	0.07	<0.02	0.07	0.025	0.04	11.6	6.4	0.07	492	3.34	0.01
DD023610		0.41	9.3	1.10	1.36	0.06	0.03	0.13	0.015	0.04	18.0	2.1	0.08	479	1.13	0.02
DD023611		1.35	24.1	2.28	2.57	<0.05	0.04	0.16	0.027	0.09	11.3	12.1	0.29	324	1.32	0.01
DD023612		0.86	17.7	2.43	2.95	0.06	0.04	0.14	0.028	0.06	20.2	9.9	0.31	453	1.17	0.02
DD023613		2.69	13.3	1.66	4.03	0.06	0.07	0.11	0.030	0.05	12.2	7.6	0.15	398	1.09	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023574		0.40	28.7	850	9.8	9.3	0.001	0.09	0.59	2.4	1.7	0.3	28.0	<0.01	0.03	0.8
DD023575		0.34	25.2	840	7.9	7.7	0.002	0.13	0.57	1.6	1.3	0.3	37.7	<0.01	0.04	0.4
DD023576		0.24	18.7	1170	6.6	5.7	0.001	0.17	0.54	0.6	1.6	0.2	53.6	<0.01	0.02	<0.2
DD023577		0.31	31.8	1220	9.1	7.0	0.002	0.17	0.76	1.2	2.6	0.3	51.7	<0.01	0.03	0.3
DD023578		0.32	16.1	1160	5.9	4.3	0.001	0.16	0.44	0.8	1.9	0.2	51.4	<0.01	0.04	0.2
DD023579		0.16	38.9	510	11.7	7.7	0.001	0.08	0.86	3.6	2.5	0.4	32.7	<0.01	0.10	1.3
DD023580		0.17	15.9	1070	5.2	3.9	<0.001	0.06	0.42	1.0	1.0	0.2	15.5	<0.01	0.02	0.3
DD023581		0.34	11.2	1890	7.6	4.4	<0.001	0.25	0.32	0.7	1.5	0.2	52.2	0.01	0.06	0.2
DD023582		0.22	15.5	1280	6.7	4.1	<0.001	0.21	0.41	0.7	1.7	0.2	50.4	<0.01	0.07	0.2
DD023583		0.36	37.9	1860	18.3	7.8	0.001	0.16	0.80	1.8	3.1	0.5	30.3	0.01	0.14	0.5
DD023584		0.26	20.0	1220	8.3	5.0	0.001	0.19	0.49	0.8	2.2	0.2	49.9	<0.01	0.07	0.2
DD023585		0.22	17.3	1510	7.1	5.5	0.001	0.23	0.53	0.8	1.9	0.2	66.8	<0.01	0.05	0.2
DD023586		0.16	11.7	1450	5.4	3.0	0.001	0.28	0.35	0.3	1.2	0.2	48.7	<0.01	0.06	<0.2
DD023587		0.10	15.6	710	13.1	11.1	0.001	0.27	0.97	2.4	1.5	0.3	26.2	<0.01	0.14	0.6
DD023588		0.17	8.8	1600	6.0	1.9	0.001	0.31	0.35	0.3	1.3	<0.2	50.4	<0.01	0.06	<0.2
DD023589		0.35	39.1	1230	13.1	10.5	0.001	0.13	0.99	2.3	2.9	0.4	36.6	<0.01	0.08	0.5
DD023590		0.33	19.8	1110	7.9	9.3	0.001	0.21	0.71	1.1	1.3	0.3	49.8	<0.01	0.07	0.3
DD023591		0.26	24.2	1490	9.9	6.4	0.001	0.19	0.62	0.8	2.7	0.2	50.5	<0.01	0.07	0.3
DD023592		0.29	32.8	1340	12.4	7.9	0.001	0.15	0.76	1.4	2.1	0.3	38.3	<0.01	0.11	0.4
DD023593		0.38	27.3	1580	12.8	8.5	0.001	0.17	0.61	1.3	1.6	0.4	38.0	<0.01	0.11	0.3
DD023594		0.50	16.6	1280	12.4	10.1	0.001	0.14	0.45	1.6	1.1	0.4	31.9	<0.01	0.06	0.4
DD023595		0.34	32.7	480	10.4	8.6	0.001	0.03	0.72	2.0	1.7	0.4	15.9	<0.01	0.08	1.0
DD023596		0.46	32.2	1030	13.4	7.6	0.001	0.07	0.72	2.8	2.2	0.4	26.5	<0.01	0.07	0.9
DD023597		0.27	10.8	2090	5.2	3.9	0.001	0.28	0.32	0.7	1.4	0.2	48.5	<0.01	0.04	0.2
DD023598		0.29	30.4	1040	10.6	9.3	0.001	0.06	0.59	3.4	1.9	0.4	38.4	<0.01	0.08	0.9
DD023599		0.51	30.3	1000	11.1	7.4	0.003	0.14	0.71	2.8	2.6	0.4	50.8	<0.01	0.03	1.0
DD023600		0.61	31.1	1130	11.6	7.4	0.001	0.07	0.80	3.1	1.6	0.4	36.1	<0.01	0.06	1.3
DD023601		0.10	73.7	1460	8.3	4.5	0.002	0.22	1.65	1.7	4.6	0.3	195.0	<0.01	0.08	0.2
DD023602		<0.05	110.0	2600	9.4	7.2	0.012	0.38	2.43	6.2	17.6	0.4	161.5	<0.01	0.26	1.6
DD023603		0.19	33.9	1250	7.1	5.6	0.003	0.18	0.91	1.6	4.3	0.3	76.0	<0.01	0.09	0.3
DD023604		0.34	74.2	1910	9.9	8.3	0.004	0.14	1.36	3.4	7.8	0.4	81.7	<0.01	0.10	0.9
DD023605		0.40	16.0	1280	7.3	4.2	0.001	0.17	0.55	1.0	2.5	0.3	66.3	<0.01	0.04	0.2
DD023606		0.48	30.9	1200	12.3	8.4	0.002	0.07	1.00	2.4	10.5	0.4	26.2	0.01	0.09	0.5
DD023607		0.34	27.9	740	9.5	8.4	0.001	0.07	0.57	1.9	1.7	0.4	48.6	<0.01	0.09	0.5
DD023608		0.43	28.1	400	8.0	7.1	0.001	0.02	1.28	1.0	2.3	0.4	34.4	<0.01	0.09	0.9
DD023609		0.31	31.7	1030	10.8	10.0	0.002	0.03	2.09	2.5	7.4	0.4	22.5	<0.01	0.08	0.7
DD023610		0.28	12.5	1410	6.8	3.2	0.001	0.22	0.54	0.8	1.4	0.2	31.1	<0.01	0.07	0.2
DD023611		0.30	36.2	970	12.5	8.5	0.001	0.07	0.71	3.0	1.9	0.4	42.6	<0.01	0.07	0.9
DD023612		0.46	27.4	1060	12.2	7.1	0.001	0.10	0.66	2.1	1.7	0.4	38.2	<0.01	0.06	0.6
DD023613		0.67	18.0	1050	12.6	8.9	0.001	0.13	0.44	2.7	1.5	0.5	35.5	0.01	0.08	0.7

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023574		0.010	0.12	0.85	34	0.09	16.75	146	1.2
DD023575		0.006	0.11	2.04	26	0.08	12.75	143	1.2
DD023576		<0.005	0.07	3.32	19	<0.05	8.80	78	0.8
DD023577		0.005	0.12	5.19	26	0.06	19.35	66	1.5
DD023578		0.008	0.10	2.20	27	0.05	21.0	49	1.0
DD023579		<0.005	0.22	1.32	60	0.06	14.80	145	1.0
DD023580		0.007	0.12	1.84	26	<0.05	17.90	75	0.8
DD023581		0.010	0.07	1.38	23	0.06	22.0	65	1.1
DD023582		0.007	0.13	0.90	20	0.05	24.4	118	0.8
DD023583		0.011	0.14	0.58	57	0.18	82.7	243	1.0
DD023584		0.007	0.18	0.96	26	0.06	31.3	132	0.7
DD023585		0.007	0.12	2.32	23	0.06	21.2	106	0.6
DD023586		<0.005	0.09	0.68	15	<0.05	18.50	108	0.8
DD023587		<0.005	0.14	0.97	25	<0.05	15.00	96	1.1
DD023588		0.005	0.10	1.06	20	<0.05	17.75	116	0.5
DD023589		0.010	0.27	1.63	37	0.10	36.7	135	0.9
DD023590		0.011	0.16	0.98	23	0.05	10.00	109	1.1
DD023591		0.006	0.12	1.31	29	0.10	50.8	110	0.7
DD023592		0.007	0.16	1.18	39	0.10	48.5	154	1.0
DD023593		0.009	0.14	1.00	44	0.09	36.4	143	0.8
DD023594		0.014	0.12	0.87	41	0.09	23.4	105	0.8
DD023595		0.007	0.18	0.62	45	0.09	6.63	125	0.7
DD023596		0.012	0.17	1.35	50	0.14	35.6	159	1.1
DD023597		0.008	0.08	1.04	18	<0.05	22.0	107	1.5
DD023598		0.008	0.16	1.16	38	0.12	31.3	235	1.0
DD023599		0.008	0.13	2.70	34	0.09	17.85	119	2.4
DD023600		0.019	0.15	1.49	46	0.17	21.7	116	1.4
DD023601		<0.005	0.23	4.15	44	0.08	23.8	227	1.9
DD023602		<0.005	0.43	5.36	75	0.14	48.2	338	1.6
DD023603		0.005	0.14	2.48	42	0.06	17.55	129	1.3
DD023604		0.009	0.34	3.85	54	0.10	29.4	227	1.8
DD023605		0.012	0.10	1.80	37	0.08	11.90	78	0.8
DD023606		0.013	0.27	1.92	66	0.10	22.9	205	0.8
DD023607		0.008	0.35	0.93	43	0.08	15.75	100	0.7
DD023608		0.013	0.25	0.54	42	0.10	5.37	109	<0.5
DD023609		0.011	0.59	2.67	47	0.10	23.7	112	<0.5
DD023610		0.009	0.11	1.51	18	0.07	36.4	68	0.7
DD023611		0.006	0.22	1.42	37	0.07	20.6	140	1.4
DD023612		0.012	0.13	1.02	40	0.12	30.5	103	1.1
DD023613		0.010	0.24	1.66	46	0.13	18.10	63	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD023614		0.26	0.004	0.33	1.08	32.6	<0.2	<10	570	0.60	0.20	2.52	1.42	14.20	6.8	19
DD023615		0.26	0.004	0.49	0.76	28.7	<0.2	<10	500	0.57	0.17	2.71	2.23	14.35	6.8	20
DD023616		0.30	0.004	0.57	0.82	32.9	<0.2	<10	600	0.55	0.19	2.49	1.18	15.20	7.8	22
DD023617		0.26	0.004	0.53	0.68	25.4	<0.2	10	690	0.45	0.14	4.02	1.96	13.40	5.2	20
DD023618		0.18	0.006	0.40	0.44	2.9	<0.2	<10	1100	0.25	0.09	3.77	1.99	8.39	4.2	7
DD023619		0.32	0.004	0.90	0.86	9.6	<0.2	<10	1150	0.56	0.21	1.64	1.58	24.9	8.2	20
DD023620		0.33	0.004	0.31	0.94	7.6	<0.2	<10	630	0.44	0.18	2.52	1.13	13.25	5.7	18
DD023621		0.40	0.006	1.05	0.65	12.5	<0.2	<10	750	0.54	0.18	0.64	0.36	10.60	4.9	15
DD023622		0.34	0.004	0.33	0.98	157.5	<0.2	<10	270	0.71	0.19	2.72	1.87	21.9	8.6	29
DD023623		0.41	0.005	0.36	1.20	84.4	<0.2	<10	220	0.62	0.20	4.03	1.32	23.4	9.5	27
DD023624		0.38	0.002	0.28	1.57	88.8	<0.2	<10	350	0.90	0.21	1.04	1.44	19.65	6.4	34
DD023625		0.21	0.008	0.27	0.59	40.9	<0.2	<10	330	0.34	0.09	3.39	0.82	6.64	3.8	15
DD023626		0.32	0.004	0.22	0.91	53.0	<0.2	<10	490	0.46	0.13	2.75	0.85	11.65	4.9	18
DD023627		0.32	0.005	0.12	0.66	12.7	<0.2	<10	550	0.33	0.10	2.57	0.52	9.05	3.8	10
DD023628		0.37	0.008	0.40	0.71	38.7	<0.2	<10	420	0.53	0.15	2.62	0.76	11.55	6.4	17
DD023629		0.25	0.007	0.45	0.69	54.6	<0.2	10	570	0.41	0.10	3.46	0.70	8.80	4.9	16
DD023630		0.31	0.003	0.42	1.08	82.4	<0.2	<10	520	0.63	0.17	1.46	0.81	13.30	6.4	27
DD023631		0.16	<0.001	0.23	0.32	9.6	<0.2	<10	160	0.12	0.05	3.14	2.21	3.41	1.1	4
DD023632		0.42	0.002	0.31	1.28	256	<0.2	<10	210	0.66	0.28	2.62	3.05	27.3	13.9	34
DD023633		0.38	0.004	0.62	1.00	104.5	<0.2	<10	670	0.69	0.17	1.83	1.49	11.60	6.0	24
DD023634		0.32	0.002	0.30	0.56	29.0	<0.2	<10	140	0.13	0.31	0.43	0.34	20.6	2.4	12
DD023635		0.22	0.004	0.60	0.46	11.6	<0.2	<10	630	0.33	0.10	3.38	0.64	6.81	2.9	23

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023614		1.86	18.5	1.87	3.14	0.06	0.07	0.09	0.030	0.05	13.8	5.5	0.12	632	1.19	0.01
DD023615		0.75	17.3	1.87	2.09	0.09	0.08	0.12	0.030	0.06	21.3	5.3	0.12	280	0.99	0.01
DD023616		1.09	21.2	2.26	2.20	0.10	0.08	0.13	0.035	0.05	22.9	5.9	0.12	333	1.36	0.01
DD023617		0.70	18.1	1.83	1.89	0.08	0.07	0.17	0.029	0.05	19.5	4.7	0.12	329	1.01	0.01
DD023618		1.49	14.2	0.83	1.29	<0.05	0.05	0.15	0.012	0.04	5.9	1.7	0.08	526	0.65	0.01
DD023619		3.61	22.9	3.13	2.28	0.08	0.06	0.13	0.032	0.05	16.5	5.9	0.18	612	1.24	0.01
DD023620		2.29	15.4	1.76	2.82	0.07	0.09	0.11	0.028	0.04	13.8	4.4	0.11	459	0.88	0.01
DD023621		3.70	30.1	2.16	1.69	0.05	0.06	0.12	0.031	0.06	7.7	3.4	0.10	171	1.43	0.01
DD023622		1.05	18.1	2.21	2.85	0.10	0.08	0.14	0.040	0.05	28.8	7.3	0.13	431	1.44	0.01
DD023623		0.77	20.2	2.66	3.30	0.09	0.08	0.09	0.033	0.07	23.6	9.8	0.32	478	1.63	0.02
DD023624		1.33	20.4	2.61	4.09	0.10	0.10	0.15	0.040	0.08	21.2	10.4	0.19	135	2.37	0.01
DD023625		0.80	13.0	1.12	1.69	0.05	0.05	0.11	0.017	0.05	8.0	4.8	0.09	125	1.72	0.01
DD023626		0.87	13.2	1.58	2.59	0.06	0.05	0.10	0.021	0.03	15.2	5.4	0.11	245	1.78	0.01
DD023627		0.54	13.5	1.20	1.90	<0.05	0.04	0.16	0.014	0.03	5.4	3.6	0.10	359	0.72	0.01
DD023628		0.90	24.5	1.91	2.12	0.07	0.06	0.19	0.025	0.07	10.5	7.2	0.24	250	1.45	0.01
DD023629		0.62	19.7	1.25	2.02	0.05	0.06	0.14	0.019	0.05	7.7	6.6	0.14	277	1.22	0.01
DD023630		0.56	18.0	2.29	3.21	0.08	0.07	0.09	0.030	0.07	13.2	9.3	0.18	177	3.05	0.01
DD023631		1.35	7.5	0.40	0.89	<0.05	0.04	0.13	0.008	0.03	2.4	0.5	0.04	16	0.78	0.01
DD023632		0.85	18.2	3.11	3.71	0.14	0.12	0.09	0.052	0.07	34.7	7.4	0.21	749	2.89	0.01
DD023633		1.78	32.1	2.01	2.68	0.07	0.10	0.19	0.029	0.06	10.4	5.3	0.12	237	2.40	0.01
DD023634		1.64	8.8	1.28	5.13	<0.05	<0.02	0.03	0.013	0.05	11.0	1.6	0.06	145	1.47	0.01
DD023635		0.55	15.8	0.90	1.25	<0.05	0.04	0.12	0.016	0.03	6.7	1.6	0.06	262	1.40	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023614		0.64	20.8	1180	12.0	10.3	0.001	0.15	0.49	2.0	1.8	0.4	37.4	0.01	0.09	0.5
DD023615		0.35	25.1	1340	11.4	6.2	0.001	0.17	0.57	1.7	2.1	0.3	39.2	0.01	0.11	0.5
DD023616		0.32	31.6	1350	13.0	8.0	0.001	0.14	0.74	1.7	2.4	0.3	38.6	0.01	0.13	0.5
DD023617		0.31	23.2	1500	10.0	4.9	<0.001	0.20	0.58	1.3	2.4	0.3	55.0	0.01	0.08	0.4
DD023618		0.34	12.1	1470	5.5	5.2	<0.001	0.29	0.35	1.3	1.5	0.2	94.0	0.01	0.04	0.3
DD023619		0.49	30.5	960	13.1	13.3	<0.001	0.13	0.80	2.7	1.8	0.4	43.5	0.01	0.08	0.6
DD023620		0.55	15.7	1880	11.3	6.5	0.001	0.23	0.54	2.3	1.5	0.3	43.2	0.02	0.09	0.6
DD023621		0.25	39.2	720	10.4	9.5	0.001	0.07	1.01	3.0	2.0	0.3	35.5	0.01	0.10	0.8
DD023622		0.50	30.0	1270	13.9	6.5	0.001	0.10	0.96	2.8	2.6	0.4	33.2	0.02	0.11	0.6
DD023623		0.65	32.6	1160	14.2	7.7	0.001	0.05	0.96	3.7	1.8	0.4	41.8	0.01	0.09	1.3
DD023624		0.72	35.1	470	14.2	9.7	0.001	0.06	0.76	5.7	3.2	0.6	20.6	0.01	0.07	2.8
DD023625		0.30	22.2	670	6.4	8.1	0.001	0.12	0.57	2.0	3.0	0.3	36.8	0.01	0.04	0.4
DD023626		0.53	26.1	560	9.2	4.1	0.001	0.08	0.67	2.8	2.9	0.4	38.3	0.01	0.05	0.5
DD023627		0.37	12.3	840	7.4	4.3	<0.001	0.13	0.42	1.4	1.6	0.2	45.2	<0.01	0.04	0.4
DD023628		0.36	29.5	910	11.8	7.8	0.001	0.09	0.76	2.9	2.1	0.3	45.2	0.01	0.06	0.8
DD023629		0.33	24.4	820	7.3	6.0	0.001	0.13	0.73	1.8	2.3	0.3	43.5	0.01	0.05	0.4
DD023630		0.51	35.0	530	12.5	6.5	0.001	0.05	0.99	4.6	2.4	0.5	38.4	0.01	0.07	1.3
DD023631		0.23	6.1	690	2.4	2.7	0.001	0.18	0.24	0.9	1.2	<0.2	31.0	0.01	0.02	<0.2
DD023632		0.57	42.8	1700	19.9	7.2	0.001	0.08	1.84	4.4	2.2	0.6	25.1	0.02	0.15	1.3
DD023633		0.39	47.6	1760	12.0	8.4	0.001	0.17	0.94	2.7	3.1	0.4	72.3	0.01	0.07	0.6
DD023634		0.66	8.7	340	13.7	11.5	<0.001	0.02	0.59	0.9	0.6	0.9	13.7	<0.01	0.03	0.2
DD023635		0.24	18.6	1410	5.5	2.8	0.001	0.21	0.53	1.0	3.0	0.2	91.9	0.01	0.05	<0.2

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023614		0.013	0.11	1.03	38	0.14	20.9	84	1.5
DD023615		0.006	0.11	1.07	31	0.12	42.5	131	1.2
DD023616		0.006	0.15	1.24	35	0.12	45.7	113	1.2
DD023617		0.005	0.10	2.46	29	0.12	41.3	127	0.9
DD023618		0.010	0.06	0.86	13	0.05	9.52	83	1.4
DD023619		0.015	0.13	1.48	41	0.11	24.5	172	1.5
DD023620		0.010	0.11	1.80	37	0.12	24.0	114	2.3
DD023621		0.007	0.20	2.02	33	0.08	20.2	134	1.4
DD023622		0.009	0.25	2.06	42	0.21	55.7	123	1.1
DD023623		0.021	0.18	1.01	47	0.26	40.4	129	1.2
DD023624		0.007	0.28	2.23	57	0.28	42.0	118	2.4
DD023625		0.005	0.13	1.88	27	0.08	16.05	115	1.2
DD023626		0.010	0.14	2.34	37	0.13	26.5	87	1.1
DD023627		0.007	0.08	2.66	20	0.09	7.78	82	1.2
DD023628		0.006	0.13	1.51	30	0.12	19.50	151	1.5
DD023629		0.006	0.15	2.12	32	0.07	15.95	92	1.5
DD023630		0.006	0.22	1.26	59	0.12	24.8	124	1.5
DD023631		0.010	0.06	0.61	7	<0.05	4.22	21	1.7
DD023632		0.015	0.32	1.89	50	0.24	72.6	194	1.3
DD023633		0.006	0.37	3.29	47	0.09	38.3	171	2.4
DD023634		0.037	0.25	0.54	52	0.19	2.70	44	<0.5
DD023635		0.007	0.08	2.21	30	0.05	17.30	85	1.3

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136078

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Minerals
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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

CERTIFICATE WH13136079

Project: Nadaleen
P.O. No.: SO13-11
This report is for 157 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
DD025076		0.20	0.003	0.32	1.28	55.3	<0.2	<10	370	0.98	0.25	2.31	1.16	20.1	13.0	23
DD025077		0.16	0.002	0.25	1.16	51.9	<0.2	<10	400	0.71	0.20	1.95	0.83	15.00	10.9	20
DD025078		0.12	0.002	0.23	1.15	32.7	<0.2	<10	370	0.78	0.21	1.24	0.78	14.80	12.3	20
DD025079		0.45	0.002	0.19	1.18	35.8	<0.2	<10	320	0.75	0.23	0.34	0.38	17.15	11.0	22
DD025080		0.21	0.002	0.30	1.36	36.9	<0.2	<10	640	0.88	0.23	0.77	0.91	18.15	11.8	24
DD025081		0.28	0.005	0.47	1.13	42.8	<0.2	<10	300	0.79	0.21	4.99	1.43	21.3	9.7	23
DD025082		0.21	0.002	0.16	1.61	34.6	<0.2	<10	300	0.84	0.23	0.66	0.67	22.4	10.3	27
DD025083		0.20	0.002	0.33	1.17	25.8	<0.2	<10	620	0.80	0.21	1.28	0.60	19.75	10.7	23
DD025084		0.18	0.003	0.14	1.45	50.2	<0.2	<10	690	1.07	0.20	1.14	1.06	20.7	10.5	27
DD025085		0.31	0.004	0.67	0.99	63.5	<0.2	10	570	0.95	0.22	3.49	1.94	15.80	10.7	21
DD025086		0.34	0.002	0.35	1.18	38.6	<0.2	<10	410	0.81	0.26	4.05	0.98	17.25	15.1	22
DD025087		0.31	0.003	0.48	0.92	43.5	<0.2	<10	410	0.73	0.22	5.26	1.17	14.60	11.9	19
DD025088		0.25	0.002	0.39	0.93	36.6	<0.2	<10	570	0.73	0.18	3.48	1.00	14.90	9.8	18
DD025089		0.19	0.003	0.36	1.11	36.5	<0.2	<10	740	0.84	0.21	2.23	1.31	15.75	11.5	21
DD025090		0.23	0.003	0.30	1.08	52.2	<0.2	<10	520	0.77	0.21	5.45	1.24	16.80	13.1	20
DD025091		0.51	0.002	0.24	0.98	33.9	<0.2	<10	510	0.66	0.21	4.04	0.97	16.95	12.6	19
DD025092		0.09	0.002	0.25	1.09	32.1	<0.2	<10	530	0.70	0.20	1.50	0.64	13.25	9.9	19
DD025093		0.18	0.003	0.32	1.19	43.2	<0.2	<10	660	0.81	0.22	1.70	1.06	16.55	12.1	21
DD025094		0.29	0.003	0.38	1.28	68.5	<0.2	<10	490	0.96	0.26	3.33	1.04	17.40	14.2	22
DD025095		0.21	0.004	0.38	1.51	86.9	<0.2	<10	350	1.13	0.33	1.68	1.13	20.0	17.1	28
DD025096		0.24	0.004	0.46	1.49	59.2	<0.2	<10	580	1.14	0.29	0.79	0.77	21.6	16.7	27
DD025097		0.17	0.004	0.37	1.42	47.3	<0.2	<10	640	1.00	0.26	1.07	0.96	18.90	13.8	25
DD025098		0.08	0.002	0.21	1.13	37.3	<0.2	<10	490	0.68	0.20	1.74	0.77	12.20	10.1	20
DD025099		0.16	0.002	0.30	1.29	52.7	<0.2	<10	400	0.85	0.25	1.25	1.02	15.85	13.5	24
DD025100		0.14	0.002	0.21	1.10	37.4	<0.2	<10	480	0.75	0.20	1.36	0.85	14.80	11.9	20
DD025101		0.12	0.002	0.26	1.05	39.4	<0.2	<10	490	0.77	0.19	1.60	0.70	14.90	10.7	21
DD025102		0.33	0.003	0.40	1.13	42.1	<0.2	<10	630	0.81	0.24	4.20	1.53	16.40	12.9	21
DD025103		0.19	0.003	0.41	1.19	41.7	<0.2	<10	330	0.87	0.21	1.75	0.98	18.80	11.7	24
DD025104		0.24	0.003	0.39	1.11	44.6	<0.2	<10	360	0.77	0.22	3.12	1.00	17.75	12.0	21
DD025105		0.24	0.003	0.45	1.12	28.0	<0.2	<10	450	0.88	0.24	2.36	2.05	16.15	12.1	23
DD025106		0.13	0.001	0.24	1.14	40.3	<0.2	<10	440	0.79	0.19	1.96	0.88	17.45	11.5	22
DD025107		0.16	0.002	0.23	1.26	39.0	<0.2	<10	420	0.87	0.21	0.85	1.50	20.6	11.6	23
DD025108		0.29	0.004	0.61	0.93	32.5	<0.2	<10	480	0.76	0.18	4.10	1.05	14.65	8.4	20
DD025109		0.17	0.002	0.43	0.85	32.5	<0.2	<10	430	0.66	0.17	3.42	0.97	15.25	9.1	19
DD025110		0.24	0.002	0.26	0.81	28.5	<0.2	<10	420	0.56	0.17	5.48	0.97	14.25	10.9	16
DD025111		0.18	0.003	0.34	1.05	37.4	<0.2	<10	500	0.81	0.23	3.76	1.25	17.15	11.7	22
DD025112		0.15	0.005	0.39	0.95	60.9	<0.2	<10	540	0.66	0.20	2.16	1.52	13.15	9.1	19
DD025113		0.15	0.003	0.35	1.12	60.4	<0.2	<10	480	0.73	0.20	2.77	1.03	16.00	10.2	21
DD025114		0.08	0.001	0.16	1.47	48.9	<0.2	<10	300	0.98	0.22	1.36	2.00	17.10	10.7	24
DD025115		0.16	0.003	0.31	1.22	48.8	<0.2	<10	450	0.92	0.22	2.37	0.95	16.15	11.3	21

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD025076		0.57	34.5	3.02	3.85	<0.05	0.06	0.31	0.036	0.08	9.1	17.3	0.86	569	2.36	<0.01
DD025077		0.60	23.5	2.77	3.35	<0.05	0.06	0.20	0.029	0.07	7.0	13.9	0.41	496	2.14	<0.01
DD025078		0.64	27.8	2.92	3.41	<0.05	0.05	0.31	0.028	0.07	6.5	14.8	0.36	916	2.25	<0.01
DD025079		0.59	31.2	3.20	3.93	<0.05	0.03	0.20	0.028	0.07	8.5	18.7	0.36	332	2.18	<0.01
DD025080		0.70	31.8	3.22	4.11	<0.05	0.06	0.32	0.033	0.08	8.9	16.9	0.35	892	2.25	<0.01
DD025081		0.88	25.7	3.26	3.10	<0.05	0.05	0.48	0.034	0.08	12.6	14.7	2.30	796	2.46	0.01
DD025082		0.97	18.2	3.47	4.35	<0.05	0.04	0.15	0.040	0.05	10.7	22.2	0.35	410	2.09	<0.01
DD025083		0.67	29.7	3.01	3.70	0.06	0.05	0.34	0.029	0.06	9.7	16.8	0.40	417	1.54	0.01
DD025084		0.93	34.0	3.57	4.11	0.06	0.06	0.46	0.036	0.07	10.9	18.3	0.48	493	2.70	0.01
DD025085		1.86	49.0	2.95	3.36	0.06	0.06	0.55	0.031	0.12	7.0	17.0	1.45	381	6.89	0.01
DD025086		1.41	47.9	3.50	3.67	0.05	0.06	0.62	0.033	0.12	7.7	18.7	1.18	658	2.48	0.01
DD025087		1.04	38.9	3.22	2.84	0.05	0.06	0.27	0.026	0.10	7.2	15.3	1.52	562	2.92	0.01
DD025088		0.67	38.0	2.71	2.97	<0.05	0.03	0.29	0.028	0.07	7.7	15.8	1.02	452	2.06	<0.01
DD025089		0.63	40.4	2.86	3.29	<0.05	0.05	0.28	0.027	0.09	7.3	15.3	0.52	548	2.01	<0.01
DD025090		1.29	36.9	3.09	3.33	<0.05	0.08	0.47	0.029	0.13	7.8	16.8	1.65	628	2.28	<0.01
DD025091		1.01	34.8	3.07	3.14	<0.05	0.08	0.23	0.030	0.08	8.0	16.3	1.04	724	2.23	<0.01
DD025092		0.51	25.3	2.78	3.38	<0.05	0.05	0.19	0.031	0.07	6.4	15.0	0.37	495	1.61	<0.01
DD025093		0.60	35.7	2.94	3.57	<0.05	0.05	0.24	0.030	0.08	8.5	16.4	0.47	475	1.92	<0.01
DD025094		1.07	45.9	3.38	3.92	0.05	0.08	0.37	0.035	0.11	9.2	19.6	1.02	453	2.85	<0.01
DD025095		2.10	51.0	3.84	4.61	0.05	0.08	0.43	0.044	0.16	10.8	23.3	0.63	481	2.79	0.01
DD025096		1.15	48.6	3.82	4.50	0.05	0.08	0.37	0.040	0.11	11.5	21.2	0.62	627	2.94	<0.01
DD025097		0.64	38.4	3.45	4.15	<0.05	0.06	0.30	0.035	0.09	9.8	18.0	0.45	582	2.42	<0.01
DD025098		0.51	24.5	2.60	3.34	<0.05	0.05	0.19	0.029	0.08	5.9	13.4	0.40	310	1.62	<0.01
DD025099		0.77	38.1	3.38	3.88	<0.05	0.06	0.23	0.035	0.11	7.7	18.0	0.48	481	2.61	0.01
DD025100		0.46	29.1	2.98	3.36	<0.05	0.05	0.21	0.030	0.08	7.0	15.8	0.43	540	1.86	<0.01
DD025101		0.64	30.5	2.97	3.33	<0.05	0.06	0.36	0.032	0.08	7.3	16.8	0.69	464	1.92	<0.01
DD025102		1.60	44.2	3.10	3.56	0.05	0.07	0.39	0.032	0.15	7.7	17.9	1.19	503	3.67	<0.01
DD025103		0.91	39.0	3.36	3.51	<0.05	0.06	0.31	0.033	0.10	9.9	18.0	0.73	537	2.49	<0.01
DD025104		1.46	44.5	3.17	3.44	0.05	0.07	0.30	0.034	0.12	8.7	18.5	1.35	399	2.41	<0.01
DD025105		0.81	50.3	2.79	3.43	0.05	0.06	0.41	0.037	0.10	9.2	16.8	0.86	373	1.32	<0.01
DD025106		0.59	29.0	3.14	3.34	<0.05	0.05	0.18	0.033	0.06	9.1	16.5	0.73	522	2.30	<0.01
DD025107		0.77	30.3	3.03	3.89	0.05	0.04	0.18	0.036	0.06	11.9	16.3	0.29	491	2.07	<0.01
DD025108		0.76	35.3	2.51	2.76	<0.05	0.06	0.35	0.030	0.07	8.5	13.6	1.30	392	1.93	<0.01
DD025109		0.61	32.2	2.67	2.71	<0.05	0.04	0.27	0.027	0.07	8.1	14.1	1.17	475	1.96	<0.01
DD025110		1.01	31.8	2.87	2.69	<0.05	0.07	0.18	0.025	0.07	6.8	14.8	1.26	513	2.16	<0.01
DD025111		1.32	52.7	2.99	3.39	0.08	0.07	0.31	0.028	0.13	8.3	16.1	0.96	479	2.57	0.01
DD025112		0.87	33.6	2.61	2.81	0.05	0.05	0.31	0.027	0.08	6.6	12.1	0.75	349	2.59	0.01
DD025113		0.68	36.3	2.73	3.24	0.06	0.04	0.41	0.028	0.09	8.0	13.9	0.90	440	1.87	0.01
DD025114		0.55	28.2	2.94	4.04	0.06	0.05	0.16	0.030	0.09	8.3	14.9	0.48	355	1.74	0.01
DD025115		0.59	30.3	2.87	3.40	0.06	0.05	0.30	0.030	0.09	7.5	14.5	0.98	469	1.68	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025076		0.65	40.6	690	22.1	7.4	<0.001	0.03	0.95	4.0	1.4	0.5	32.4	<0.01	0.03	1.6
DD025077		0.56	28.5	830	16.8	8.4	0.001	0.05	0.76	3.4	1.0	0.5	30.0	<0.01	0.04	1.5
DD025078		0.66	33.0	980	17.7	7.4	<0.001	0.05	0.82	2.9	1.6	0.5	26.2	<0.01	0.04	1.2
DD025079		0.72	33.6	600	19.3	6.9	<0.001	<0.01	0.63	4.2	1.1	0.5	18.1	<0.01	0.04	3.3
DD025080		0.73	34.3	850	20.0	8.6	0.002	0.02	0.68	4.8	1.5	0.5	25.8	<0.01	0.05	3.0
DD025081		0.55	32.5	1110	25.2	8.1	0.001	0.03	0.97	5.6	1.8	0.5	61.2	<0.01	0.04	2.5
DD025082		1.06	30.0	570	19.2	10.4	0.001	0.01	0.56	4.4	0.8	0.5	21.8	<0.01	0.05	2.7
DD025083		0.66	32.0	920	18.0	6.6	0.001	0.05	0.97	3.9	1.3	0.5	37.6	<0.01	0.04	2.2
DD025084		0.51	40.4	320	19.1	7.9	0.001	0.03	1.26	6.0	1.6	0.5	23.7	<0.01	0.05	2.9
DD025085		0.28	50.1	740	19.1	8.0	0.001	0.04	2.46	5.2	2.8	0.5	58.4	<0.01	0.08	3.0
DD025086		0.51	37.9	810	22.1	7.9	0.003	0.02	0.92	5.5	1.4	0.5	83.3	<0.01	0.05	3.4
DD025087		0.55	38.2	960	21.7	7.1	0.003	0.03	1.05	5.0	2.2	0.4	80.7	<0.01	0.04	3.1
DD025088		0.63	34.7	780	17.8	6.0	0.001	0.03	1.03	3.7	1.7	0.4	58.0	<0.01	0.05	1.0
DD025089		0.56	36.2	540	18.9	6.8	0.001	0.04	1.00	3.9	1.8	0.5	41.8	<0.01	0.03	1.5
DD025090		0.56	38.0	800	22.2	7.9	0.002	0.01	0.93	4.9	1.4	0.5	83.2	<0.01	0.04	3.6
DD025091		0.52	38.0	750	18.6	6.7	0.004	<0.01	0.83	4.7	2.2	0.4	64.7	<0.01	0.04	4.0
DD025092		0.70	27.6	690	16.0	6.8	0.002	0.04	0.97	3.3	1.8	0.5	30.5	<0.01	0.04	1.5
DD025093		0.64	38.0	770	19.1	7.2	0.002	0.04	0.97	3.8	1.5	0.5	32.6	<0.01	0.03	1.5
DD025094		0.48	49.2	780	24.2	8.8	<0.001	0.02	1.00	5.6	1.9	0.5	53.4	<0.01	0.06	3.6
DD025095		0.35	61.5	850	32.1	12.8	<0.001	0.03	0.88	6.8	2.0	0.7	44.4	<0.01	0.09	5.1
DD025096		0.47	55.6	860	27.6	9.6	0.001	0.02	0.88	6.7	2.0	0.6	31.0	<0.01	0.05	5.0
DD025097		0.58	43.9	630	22.4	7.9	0.001	0.02	0.88	4.9	1.5	0.6	28.4	<0.01	0.05	2.2
DD025098		0.54	29.2	600	16.5	6.9	<0.001	0.04	0.85	3.5	1.2	0.5	33.7	<0.01	0.03	1.6
DD025099		0.54	43.9	660	22.6	7.9	<0.001	0.02	1.00	4.7	1.7	0.5	30.9	<0.01	0.05	2.4
DD025100		0.76	32.0	540	19.0	6.1	0.001	0.03	0.81	3.9	1.3	0.4	29.0	<0.01	0.04	1.9
DD025101		0.77	33.7	730	16.9	6.5	0.004	0.03	0.84	4.2	1.9	0.4	32.2	<0.01	0.03	2.4
DD025102		0.51	40.0	730	20.1	9.6	0.004	0.03	1.27	5.2	3.2	0.6	83.3	<0.01	0.04	3.3
DD025103		0.58	36.1	510	21.2	7.5	0.002	0.03	1.02	5.9	2.3	0.5	34.4	<0.01	0.04	2.3
DD025104		0.62	36.7	870	18.3	8.2	0.002	0.02	0.99	6.0	1.8	0.4	51.5	<0.01	0.04	2.9
DD025105		0.67	47.4	890	23.6	8.7	0.001	0.02	0.71	5.9	1.6	0.5	45.0	<0.01	0.06	2.8
DD025106		0.86	34.2	730	20.2	5.8	0.001	0.01	0.80	4.6	1.2	0.4	36.9	<0.01	0.03	3.0
DD025107		0.84	33.1	930	21.0	7.9	0.002	0.02	0.78	5.1	1.3	0.5	29.5	<0.01	0.06	2.4
DD025108		0.64	32.5	970	17.0	6.6	0.002	0.03	0.94	5.0	2.2	0.4	65.2	<0.01	0.05	1.7
DD025109		0.75	31.1	880	17.1	5.5	0.002	0.02	0.98	4.2	2.0	0.4	53.8	<0.01	0.03	1.7
DD025110		0.69	34.4	790	16.8	5.5	0.003	0.02	0.89	4.2	1.6	0.3	88.4	<0.01	0.04	3.3
DD025111		0.49	40.8	770	19.2	8.2	0.004	0.03	1.27	5.0	2.1	0.5	69.6	<0.01	0.06	3.6
DD025112		0.33	34.5	730	19.7	7.0	0.002	0.07	1.29	3.6	1.7	0.4	47.3	<0.01	0.06	1.6
DD025113		0.42	34.9	700	18.7	7.1	0.001	0.05	1.02	3.6	1.5	0.4	47.7	<0.01	0.04	1.1
DD025114		0.51	32.6	520	21.2	7.7	<0.001	0.05	0.81	3.9	0.8	0.5	24.8	<0.01	0.04	1.5
DD025115		0.52	33.8	590	23.5	7.2	<0.001	0.04	0.92	3.5	1.1	0.4	27.5	<0.01	0.05	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD025076		0.008	0.20	1.52	55	0.17	11.65	164	1.7
DD025077		0.006	0.16	1.70	48	0.10	8.80	146	1.6
DD025078		0.006	0.15	1.52	45	0.08	8.23	128	1.5
DD025079		0.009	0.13	0.86	46	0.08	8.79	132	1.2
DD025080		0.007	0.14	1.74	52	0.11	12.05	136	1.9
DD025081		0.006	0.23	1.90	65	0.09	22.2	206	1.6
DD025082		0.007	0.20	1.16	67	0.10	11.20	169	1.4
DD025083		0.014	0.14	2.19	47	0.11	11.95	122	1.3
DD025084		0.006	0.31	0.94	72	0.28	17.85	164	2.0
DD025085		0.007	0.58	1.61	78	0.11	12.95	219	2.4
DD025086		0.008	0.31	1.17	57	0.07	11.35	168	2.5
DD025087		0.007	0.28	1.40	58	0.05	14.05	209	2.2
DD025088		0.006	0.18	1.26	49	0.06	14.60	143	1.0
DD025089		0.007	0.17	1.20	53	0.10	10.85	151	1.8
DD025090		0.010	0.29	1.34	51	0.11	11.20	176	3.3
DD025091		0.011	0.18	0.99	43	0.06	11.15	156	3.3
DD025092		0.008	0.13	1.33	42	0.16	8.50	135	1.7
DD025093		0.008	0.16	1.95	47	0.10	11.95	149	1.7
DD025094		0.006	0.34	1.35	55	0.09	14.50	189	3.0
DD025095		0.007	0.47	1.22	58	0.07	16.40	223	4.0
DD025096		0.008	0.33	1.29	60	0.09	16.95	192	3.3
DD025097		0.007	0.18	1.12	59	0.15	14.40	161	1.6
DD025098		0.006	0.15	1.10	49	0.08	7.76	139	1.7
DD025099		0.006	0.23	1.17	56	0.08	11.30	189	2.1
DD025100		0.008	0.13	1.20	45	0.09	9.33	140	1.8
DD025101		0.009	0.16	1.00	46	0.06	10.75	158	1.8
DD025102		0.008	0.34	1.47	57	0.09	11.50	186	2.9
DD025103		0.006	0.23	1.58	62	0.08	16.00	160	2.0
DD025104		0.009	0.25	1.23	57	0.07	14.45	167	2.5
DD025105		0.005	0.25	1.08	56	0.06	18.15	229	2.5
DD025106		0.008	0.16	1.13	57	0.06	12.70	161	1.7
DD025107		0.006	0.18	2.11	58	0.08	21.0	158	1.4
DD025108		0.005	0.21	1.37	55	0.06	17.95	168	1.7
DD025109		0.009	0.15	1.30	49	0.10	15.15	147	1.3
DD025110		0.012	0.18	1.13	41	0.05	11.25	158	3.0
DD025111		0.010	0.26	1.09	55	0.08	12.10	186	2.8
DD025112		0.005	0.33	1.40	52	0.10	10.75	213	1.6
DD025113		0.006	0.32	1.56	49	0.10	12.25	168	1.3
DD025114		0.006	0.18	2.04	56	0.11	9.98	150	1.4
DD025115		0.007	0.17	1.06	47	0.10	9.53	174	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD025116		0.14	0.003	0.33	1.35	52.7	<0.2	<10	380	0.94	0.26	1.11	1.04	19.80	14.2	25
DD025117		0.22	0.003	0.34	1.30	46.5	<0.2	<10	570	0.96	0.25	1.29	0.83	19.20	12.9	25
DD025118		0.10	0.002	0.23	1.20	38.2	<0.2	<10	500	0.79	0.22	1.49	1.15	14.10	10.0	22
DD025119		0.13	0.002	0.27	1.06	34.4	<0.2	<10	430	0.74	0.19	1.91	0.92	13.50	9.7	20
DD025120		0.25	0.003	0.37	1.24	60.0	<0.2	10	450	0.98	0.24	2.56	1.10	18.40	15.2	23
DD025121		0.23	0.002	0.37	0.77	28.3	<0.2	10	430	0.69	0.16	3.75	1.06	12.00	7.6	17
DD025122		0.15	0.002	0.32	0.70	23.0	<0.2	10	600	0.67	0.15	4.95	0.84	8.64	7.1	15
DD025123		0.22	0.002	0.50	0.91	35.0	<0.2	<10	420	0.77	0.19	3.52	0.96	14.95	9.2	20
DD025124		0.16	0.003	0.52	0.89	33.1	<0.2	10	520	0.75	0.19	3.37	1.08	12.10	9.8	18
DD025125		0.09	0.001	0.16	1.07	9.4	<0.2	10	750	0.66	0.17	2.82	0.86	14.85	10.5	24
DD025126		0.12	0.003	0.31	1.30	37.9	<0.2	<10	180	0.58	0.15	0.49	0.84	25.1	7.5	26
DD025127		0.11	0.001	0.26	1.09	25.1	<0.2	<10	280	0.78	0.23	1.69	0.41	5.21	7.2	21
DD025128		0.11	0.001	0.34	0.50	647	<0.2	10	150	0.44	0.09	1.50	1.22	8.46	6.3	21
DD025129		0.11	0.001	0.12	0.38	592	<0.2	<10	100	0.28	0.06	1.53	1.44	8.31	7.9	16
DD025130		0.15	0.001	0.08	1.12	301	<0.2	<10	250	0.53	0.18	0.59	1.67	12.90	8.4	28
DD025131		0.13	0.002	0.16	0.90	87.5	<0.2	<10	170	0.49	0.13	3.25	2.09	12.15	6.2	19
DD025132		0.17	0.003	0.36	0.88	128.0	<0.2	<10	310	0.61	0.17	2.30	1.60	11.50	8.1	20
DD025133		0.07	0.003	0.18	0.67	13.8	<0.2	<10	350	0.31	0.10	2.89	1.46	7.35	3.2	10
DD025134		0.16	0.002	1.10	0.70	43.7	<0.2	10	500	0.87	0.25	0.98	0.93	16.25	6.4	28
DD025135		0.12	0.003	0.85	0.89	166.5	<0.2	<10	480	0.84	0.20	1.57	1.57	15.10	8.0	30
DD025136		0.13	0.002	0.71	1.00	20.2	<0.2	<10	620	0.56	0.27	0.93	0.71	17.50	6.0	23
DD025137		0.08	0.005	0.19	1.01	17.3	<0.2	<10	460	0.56	0.20	2.78	1.52	14.80	6.2	19
DD025138		0.15	0.004	1.44	0.80	32.8	<0.2	<10	940	0.63	0.21	1.17	1.29	13.95	5.8	23
DD025139		0.12	0.003	1.01	0.85	48.9	<0.2	10	750	0.73	0.20	2.67	1.88	14.30	6.3	26
DD025140		0.07	0.002	0.28	0.89	22.1	<0.2	10	370	0.48	0.17	3.45	2.79	11.25	6.2	17
DD025141		0.07	0.003	0.37	0.64	20.9	<0.2	10	610	0.36	0.12	3.48	0.94	9.02	3.8	16
DD025142		0.05	0.006	0.17	0.56	18.6	<0.2	<10	340	0.35	0.08	3.79	0.94	5.06	2.9	8
DD025143		0.12	0.001	0.17	1.27	81.8	<0.2	<10	290	0.59	0.18	1.63	1.70	15.50	7.0	25
DD025144		0.12	0.002	0.13	0.44	201	<0.2	<10	80	0.32	0.07	3.23	1.26	7.45	5.5	13
DD025145		0.08	0.003	0.10	0.64	33.4	<0.2	<10	120	0.31	0.10	3.60	1.70	5.40	3.9	8
DD025146		0.12	0.002	0.20	0.52	643	<0.2	<10	140	0.37	0.06	1.64	1.74	8.23	6.8	19
DD025147		0.17	0.002	0.56	0.57	383	<0.2	10	190	0.75	0.16	2.21	0.90	5.40	7.3	23
DD025148		0.17	0.002	0.22	1.68	30.2	<0.2	<10	290	0.62	0.19	0.57	0.37	20.3	6.5	27
DD025149		0.08	0.012	0.33	0.89	11.9	<0.2	10	510	0.62	0.19	2.30	1.50	16.65	15.8	25
DD025150		0.15	0.003	0.27	1.36	11.9	<0.2	<10	590	0.75	0.22	1.75	1.15	20.8	13.6	32
DD025151		0.10	0.003	0.25	1.42	13.6	<0.2	<10	670	0.75	0.23	1.33	0.46	21.4	13.4	32
DD025152		0.20	0.005	0.06	1.69	18.4	<0.2	<10	310	0.62	0.18	0.20	0.17	30.9	9.1	29
DD025153		0.12	0.002	0.23	0.41	523	<0.2	<10	100	0.38	0.07	1.45	1.17	7.13	5.4	17
DD025154		0.08	0.003	0.25	0.54	143.5	<0.2	<10	160	0.47	0.07	6.51	3.47	9.54	4.7	17
DD025155		0.15	0.003	0.40	1.30	145.0	<0.2	<10	250	1.03	0.20	1.29	1.04	10.65	8.2	42

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD025116		0.96	40.2	3.36	4.03	0.09	0.06	0.29	0.036	0.10	9.8	17.3	0.64	522	2.31	0.01
DD025117		0.95	42.3	3.33	3.85	0.08	0.06	0.30	0.034	0.11	9.4	17.2	0.68	475	2.10	0.01
DD025118		0.57	29.9	2.70	3.56	0.07	0.05	0.22	0.029	0.08	6.3	14.1	0.36	373	2.02	0.01
DD025119		0.51	30.4	2.63	3.00	0.06	0.05	0.23	0.031	0.08	6.3	12.8	0.44	394	1.64	0.01
DD025120		1.08	42.0	3.51	3.83	0.06	0.07	0.45	0.031	0.12	8.4	18.8	1.40	668	2.72	0.01
DD025121		0.73	35.2	2.51	2.24	0.05	0.04	0.29	0.023	0.06	7.2	11.7	0.92	358	2.18	0.01
DD025122		0.53	35.9	2.15	1.98	0.05	0.05	0.25	0.023	0.06	4.4	10.8	0.84	317	1.72	0.01
DD025123		0.68	33.8	2.71	2.68	0.05	0.04	0.30	0.026	0.06	7.9	13.9	1.17	473	2.18	0.01
DD025124		0.75	33.3	2.52	2.52	<0.05	0.06	0.31	0.025	0.08	6.2	14.6	0.90	540	1.75	0.01
DD025125		0.55	21.7	1.85	2.81	0.06	0.05	0.15	0.024	0.06	18.1	8.4	0.19	538	0.99	0.01
DD025126		0.98	13.5	2.24	3.31	0.05	0.02	0.09	0.022	0.05	18.3	11.2	0.34	381	1.48	0.01
DD025127		0.89	21.5	3.01	2.99	<0.05	0.06	0.12	0.039	0.07	2.6	12.8	0.15	174	1.85	0.01
DD025128		0.99	15.7	1.91	1.25	0.08	0.06	0.26	0.016	0.05	20.6	2.5	0.04	106	2.89	0.01
DD025129		0.68	12.6	1.57	1.05	0.06	0.05	0.16	0.011	0.04	19.4	2.1	0.05	211	2.33	0.01
DD025130		1.68	12.8	2.17	3.37	0.05	0.03	0.05	0.027	0.05	13.6	6.4	0.13	435	1.74	0.01
DD025131		0.79	14.2	1.42	2.20	0.06	0.03	0.08	0.017	0.04	19.8	4.8	0.16	419	1.21	0.01
DD025132		1.24	23.0	1.81	2.36	0.06	0.04	0.18	0.025	0.06	16.9	5.0	0.14	308	2.17	0.01
DD025133		0.69	9.5	0.83	1.66	<0.05	0.05	0.11	0.013	0.04	9.9	2.2	0.08	216	0.93	0.01
DD025134		8.82	22.6	2.49	1.95	0.05	0.05	0.15	0.038	0.09	10.5	3.8	0.08	228	1.43	0.01
DD025135		1.07	25.1	2.36	2.55	0.10	0.04	0.21	0.037	0.08	21.5	6.1	0.12	318	2.92	0.01
DD025136		1.73	14.6	2.69	3.80	<0.05	<0.02	0.07	0.025	0.06	10.2	5.6	0.12	385	1.70	0.01
DD025137		0.73	14.2	1.72	2.60	0.07	0.04	0.08	0.025	0.04	20.1	5.1	0.14	518	1.01	0.02
DD025138		2.92	33.2	2.15	2.27	0.05	0.04	0.17	0.032	0.08	12.2	4.8	0.13	212	2.34	0.01
DD025139		1.24	22.0	2.28	2.31	0.10	0.05	0.14	0.034	0.06	25.7	7.2	0.13	253	2.59	0.01
DD025140		0.74	16.1	1.51	2.18	0.07	0.04	0.08	0.023	0.05	20.2	4.3	0.14	489	1.10	0.01
DD025141		1.28	17.3	1.39	1.62	<0.05	0.03	0.11	0.017	0.05	9.9	3.4	0.11	281	2.09	0.01
DD025142		0.52	11.1	0.60	1.44	<0.05	0.03	0.08	0.008	0.03	6.9	1.9	0.06	275	0.89	0.01
DD025143		1.18	14.0	2.04	3.38	0.05	0.02	0.05	0.023	0.05	15.7	7.0	0.20	512	1.59	0.01
DD025144		0.64	10.1	0.96	1.30	0.05	0.03	0.09	0.010	0.04	13.6	2.6	0.06	214	3.75	0.01
DD025145		0.55	9.0	0.77	1.42	<0.05	0.03	0.11	0.011	0.03	8.6	1.7	0.06	315	0.72	0.02
DD025146		0.52	11.9	1.73	1.01	0.07	0.04	0.26	0.012	0.04	22.2	2.2	0.04	177	3.61	0.01
DD025147		1.93	24.9	2.47	1.44	0.05	0.06	0.30	0.026	0.06	11.4	2.9	0.04	142	2.43	0.01
DD025148		1.34	11.6	2.35	4.79	<0.05	0.05	0.04	0.024	0.05	12.2	11.8	0.30	415	1.28	0.01
DD025149		0.54	29.1	2.22	2.26	0.08	0.06	0.18	0.025	0.07	22.4	6.3	0.15	751	3.35	0.02
DD025150		0.68	21.7	2.55	3.72	0.06	0.05	0.14	0.029	0.07	16.6	11.4	0.30	523	1.31	0.01
DD025151		0.70	20.5	2.69	3.90	0.05	0.04	0.11	0.028	0.07	16.7	13.5	0.33	460	1.30	0.01
DD025152		1.10	21.1	2.63	4.49	0.06	<0.02	0.04	0.023	0.05	16.2	14.6	0.44	308	1.51	0.01
DD025153		1.07	12.1	1.37	0.97	0.06	0.04	0.23	0.010	0.03	16.6	2.1	0.05	140	2.69	0.01
DD025154		0.40	12.6	1.03	1.14	0.06	0.02	0.22	0.011	0.02	25.7	1.2	0.05	526	2.75	0.01
DD025155		1.49	21.1	2.85	3.36	0.05	0.05	0.08	0.036	0.09	15.5	5.2	0.11	308	2.49	<0.01

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
DD025116		0.46	45.4	610	23.6	8.8	<0.001	0.03	0.97	5.2	1.6	0.5	29.0	<0.01	0.06	3.5
DD025117		0.47	43.9	740	21.9	8.0	<0.001	0.03	1.01	5.2	1.2	0.5	31.1	<0.01	0.05	3.0
DD025118		0.43	31.5	480	18.6	6.6	0.001	0.05	0.95	3.8	1.4	0.4	34.6	<0.01	0.05	1.5
DD025119		0.49	31.3	660	16.4	6.8	0.001	0.06	0.87	3.4	1.5	0.4	38.2	<0.01	0.04	1.5
DD025120		0.45	40.0	700	22.4	7.7	0.001	0.03	1.16	5.4	1.8	0.5	36.6	<0.01	0.07	2.6
DD025121		0.33	31.3	900	14.8	5.5	0.002	0.08	1.12	2.8	2.5	0.3	62.4	<0.01	0.04	0.6
DD025122		0.33	29.5	870	12.9	4.6	0.003	0.10	1.06	2.4	2.6	0.3	85.9	<0.01	0.04	0.6
DD025123		0.39	34.3	890	17.8	5.7	0.001	0.06	1.07	3.9	2.0	0.4	50.9	<0.01	0.06	1.2
DD025124		0.49	32.9	800	16.4	6.6	0.002	0.07	0.90	4.0	2.2	0.4	59.8	<0.01	0.05	1.6
DD025125		0.35	99.9	1610	10.3	6.1	0.001	0.14	0.55	2.2	2.0	0.4	34.6	<0.01	0.05	0.4
DD025126		0.53	31.4	1130	26.0	7.3	<0.001	0.03	0.74	2.6	1.1	0.4	21.7	<0.01	0.03	1.0
DD025127		0.10	27.1	860	13.3	9.1	0.001	0.09	0.40	2.3	1.2	0.5	23.7	<0.01	0.06	0.8
DD025128		0.08	56.6	1490	6.3	7.6	0.001	0.10	2.53	1.9	3.0	0.3	69.9	<0.01	0.03	0.5
DD025129		0.09	58.0	1510	4.7	4.0	0.001	0.08	2.38	1.4	1.8	0.2	46.3	<0.01	0.03	0.3
DD025130		0.40	30.5	670	9.6	8.6	<0.001	0.04	1.09	3.0	1.3	0.5	26.5	<0.01	0.04	0.9
DD025131		0.33	25.8	1610	7.8	5.2	<0.001	0.15	0.66	1.1	1.7	0.3	36.1	<0.01	0.02	0.2
DD025132		0.30	55.4	1700	11.1	7.1	<0.001	0.14	0.90	1.6	2.4	0.4	37.8	<0.01	0.06	0.3
DD025133		0.28	10.8	1700	5.3	3.0	<0.001	0.24	0.31	0.7	1.2	0.2	49.7	<0.01	0.03	0.2
DD025134		0.24	35.3	780	15.2	13.2	0.006	0.06	0.89	3.8	2.9	0.4	26.8	<0.01	0.11	0.8
DD025135		0.22	49.1	1050	14.2	7.6	0.002	0.10	1.10	3.7	5.3	0.5	33.5	<0.01	0.13	0.7
DD025136		0.55	19.6	1150	13.3	9.2	<0.001	0.10	0.72	1.4	1.2	0.5	32.8	<0.01	0.06	0.3
DD025137		0.43	16.6	1540	10.8	4.9	<0.001	0.20	0.53	1.3	1.9	0.3	37.9	<0.01	0.09	0.3
DD025138		0.27	44.6	1210	11.4	9.6	<0.001	0.12	0.97	2.8	3.1	0.4	44.4	<0.01	0.10	0.6
DD025139		0.18	35.4	1590	12.2	7.1	0.001	0.17	0.94	1.4	3.6	0.4	37.7	<0.01	0.12	0.4
DD025140		0.29	20.9	2280	10.5	5.9	<0.001	0.24	0.63	1.1	2.1	0.3	36.0	<0.01	0.08	0.3
DD025141		0.25	25.2	1500	7.7	5.8	<0.001	0.22	0.58	0.9	1.8	0.3	59.7	<0.01	0.03	0.2
DD025142		0.25	11.9	1950	3.9	2.4	0.001	0.29	0.30	0.3	1.3	0.2	51.2	<0.01	0.02	<0.2
DD025143		0.37	26.8	1190	10.3	6.9	<0.001	0.09	0.70	1.5	1.6	0.4	25.0	<0.01	0.03	0.3
DD025144		0.15	26.3	1280	4.5	3.9	<0.001	0.07	1.16	1.4	1.6	0.2	34.3	<0.01	0.02	0.3
DD025145		0.29	12.8	1170	4.1	2.8	<0.001	0.21	0.39	0.7	1.0	0.2	27.2	<0.01	0.02	<0.2
DD025146		0.07	48.7	1460	4.4	3.1	0.001	0.11	3.12	1.8	2.7	0.2	81.9	<0.01	0.02	0.3
DD025147		0.05	49.8	920	8.0	9.0	0.004	0.11	1.45	2.9	3.4	0.4	43.9	<0.01	0.06	0.8
DD025148		0.62	21.3	1000	123.5	9.2	<0.001	0.05	0.53	2.5	0.9	0.6	17.5	<0.01	0.03	1.1
DD025149		0.34	80.7	1640	14.8	7.6	0.001	0.16	0.83	2.9	3.2	0.4	30.7	<0.01	0.09	0.5
DD025150		0.52	66.0	1250	14.8	8.6	<0.001	0.10	0.61	2.9	2.1	0.5	30.0	<0.01	0.06	0.7
DD025151		0.53	55.3	1160	14.4	7.5	<0.001	0.08	0.60	3.0	1.6	0.5	25.4	<0.01	0.05	0.8
DD025152		0.68	27.0	720	9.9	8.8	<0.001	0.01	0.80	2.7	1.1	0.5	16.5	<0.01	0.04	0.9
DD025153		0.08	36.9	1130	4.6	4.3	0.001	0.06	2.40	1.9	2.7	0.2	51.4	<0.01	0.03	0.4
DD025154		0.13	17.2	2310	4.6	2.1	0.002	0.17	0.80	1.1	2.6	0.2	52.6	0.01	0.02	<0.2
DD025155		0.20	37.8	710	11.4	9.9	0.001	0.08	0.74	4.1	2.4	0.5	24.4	<0.01	0.05	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD025116		0.008	0.26	1.06	55	0.11	12.75	176	2.0
DD025117		0.008	0.24	1.14	54	0.08	12.90	175	2.0
DD025118		0.006	0.18	1.53	54	0.09	9.40	162	1.7
DD025119		0.006	0.17	1.14	45	0.08	9.91	162	1.7
DD025120		0.008	0.33	1.15	52	0.10	12.65	166	2.3
DD025121		0.005	0.17	1.61	46	0.05	16.20	152	1.1
DD025122		0.005	0.14	1.58	35	<0.05	11.45	119	1.5
DD025123		0.005	0.18	1.10	52	0.05	16.55	167	1.3
DD025124		0.005	0.24	1.14	42	0.05	13.15	150	2.1
DD025125		0.006	0.13	3.35	60	0.09	38.0	311	1.5
DD025126		0.022	0.17	1.16	51	0.28	20.8	117	0.5
DD025127		<0.005	0.12	1.07	27	<0.05	7.06	131	1.5
DD025128		<0.005	0.46	3.81	31	<0.05	37.3	229	1.8
DD025129		<0.005	0.43	3.55	29	<0.05	30.5	237	1.2
DD025130		0.008	0.35	1.33	53	0.08	17.75	166	0.9
DD025131		0.010	0.16	2.16	36	0.15	35.5	144	0.7
DD025132		0.009	0.27	1.82	38	0.09	32.3	235	1.0
DD025133		0.011	0.09	1.12	16	0.05	16.00	101	1.3
DD025134		0.005	0.39	1.90	43	0.05	17.80	143	1.3
DD025135		<0.005	0.47	2.00	57	0.08	62.7	207	1.1
DD025136		0.019	0.15	1.31	56	0.18	13.10	89	<0.5
DD025137		0.014	0.13	1.62	32	0.07	34.8	134	1.3
DD025138		0.007	0.29	2.14	42	0.09	32.5	159	1.3
DD025139		<0.005	0.18	1.60	46	0.07	52.7	184	1.1
DD025140		0.006	0.09	1.36	33	0.07	38.6	225	1.1
DD025141		0.007	0.13	1.49	26	0.05	18.15	102	1.0
DD025142		0.005	0.08	1.21	14	<0.05	12.60	47	1.0
DD025143		0.013	0.15	1.57	51	0.09	24.0	143	0.5
DD025144		0.006	0.18	1.41	22	<0.05	26.9	118	1.0
DD025145		0.011	0.09	1.32	16	<0.05	17.85	152	1.0
DD025146		<0.005	0.58	3.23	28	<0.05	43.7	204	1.3
DD025147		<0.005	0.30	1.73	30	<0.05	25.1	175	2.2
DD025148		0.017	0.17	1.01	59	0.23	11.45	96	1.0
DD025149		0.008	0.14	2.07	58	0.08	52.7	256	1.8
DD025150		0.010	0.15	2.91	64	0.12	31.7	230	1.3
DD025151		0.012	0.13	1.92	71	0.19	29.3	190	1.4
DD025152		0.039	0.13	0.93	58	0.33	10.45	77	<0.5
DD025153		<0.005	0.42	2.19	27	<0.05	32.6	152	1.3
DD025154		<0.005	0.10	3.09	31	0.08	51.8	181	0.6
DD025155		<0.005	0.26	1.80	58	0.05	29.3	172	1.5

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD025156		0.11	0.001	0.14	1.46	64.9	<0.2	<10	220	0.57	0.23	1.24	1.82	15.80	8.2	30
DD025157		0.11	0.002	0.12	0.72	45.3	<0.2	<10	130	0.17	0.23	0.33	0.88	13.50	4.0	20
DD025158		0.07	0.003	0.42	0.88	58.2	<0.2	<10	580	0.49	0.19	2.47	3.72	13.00	5.6	22
DD025159		0.14	0.003	0.33	0.64	15.3	<0.2	<10	510	0.51	0.22	0.73	0.87	6.37	7.4	14
DD025160		0.11	0.003	0.41	0.63	13.9	<0.2	10	560	0.43	0.12	5.28	3.55	10.05	3.8	19
DD025161		0.10	0.003	0.62	0.80	25.5	<0.2	<10	670	0.58	0.15	2.10	1.11	18.15	4.9	29
DD025162		0.10	0.003	0.33	0.57	8.3	<0.2	<10	520	0.25	0.24	0.95	0.75	9.77	6.2	13
DD025163		0.13	0.009	0.42	0.78	23.6	<0.2	<10	260	0.43	0.18	1.97	0.94	12.75	5.0	17
DD025164		0.15	0.003	0.72	1.05	18.5	<0.2	<10	740	0.61	0.18	2.65	1.15	19.00	8.4	22
DD025165		0.13	0.008	0.25	0.85	6.2	<0.2	<10	630	0.34	0.15	3.56	2.07	10.10	5.9	16
DD025166		0.10	0.004	1.03	0.73	17.8	<0.2	<10	780	0.44	0.26	1.49	1.95	21.3	7.4	20
DD025167		0.10	0.003	0.37	0.84	23.7	<0.2	<10	510	0.52	0.20	3.43	3.29	15.95	6.7	20
DD025168		0.11	0.004	0.33	0.98	71.6	<0.2	10	480	0.64	0.22	3.89	3.75	16.95	7.4	20
DD025169		0.14	0.002	0.90	0.78	24.3	<0.2	<10	600	0.51	0.15	1.74	1.35	11.30	4.4	23
DD025170		0.18	0.002	0.57	1.05	35.3	<0.2	<10	820	0.68	0.23	0.99	0.43	12.95	6.4	23
DD025171		0.15	0.001	0.25	1.25	90.9	<0.2	<10	240	0.71	0.20	0.42	0.75	25.8	7.7	28
DD025172		0.13	0.002	0.31	0.89	191.0	<0.2	<10	420	0.60	0.18	0.83	0.71	14.10	10.6	24
DD025173		0.10	0.002	0.14	1.08	57.0	<0.2	<10	300	0.41	0.20	0.67	0.85	11.40	7.1	20
DD025174		0.21	0.001	0.06	0.68	105.5	<0.2	<10	120	0.52	0.24	0.14	0.30	5.45	6.8	20
DD025175		0.20	0.003	0.14	1.28	15.2	<0.2	<10	200	0.53	0.17	0.98	0.65	21.5	9.3	22
DD025176		0.08	0.003	0.22	1.02	27.3	<0.2	<10	370	0.47	0.15	2.05	4.00	15.30	7.2	23
DD025177		0.13	0.003	0.19	1.16	8.6	<0.2	<10	820	0.58	0.18	2.25	2.26	18.10	15.7	25
DD025178		0.08	0.004	0.38	0.77	29.4	<0.2	10	520	0.44	0.12	4.11	0.55	8.77	5.1	15
DD025179		0.10	0.004	0.63	0.90	78.6	<0.2	<10	390	0.59	0.18	1.43	0.84	14.05	7.5	22
DD025180		0.13	0.002	0.69	0.72	114.0	<0.2	<10	540	0.50	0.14	2.16	0.46	11.85	6.8	20
DD025181		0.07	0.004	0.35	0.50	41.4	<0.2	10	620	0.38	0.08	4.55	0.49	6.73	3.6	10
DD025182		0.12	0.002	0.39	1.16	46.7	<0.2	<10	510	0.46	0.21	1.21	1.32	12.10	7.2	26
DD025183		0.10	0.003	0.61	0.56	55.1	<0.2	10	460	0.46	0.15	2.76	1.11	8.59	4.7	15
DD025184		0.09	0.004	0.62	0.64	40.3	<0.2	10	770	0.50	0.12	3.50	1.21	8.58	4.0	15
DD025185		0.22	0.003	0.74	0.72	23.6	<0.2	10	730	0.81	0.29	1.79	0.51	17.05	12.8	16
DD025186		0.14	0.003	0.20	0.66	120.5	<0.2	10	870	0.60	0.16	5.14	2.71	11.80	9.3	14
DD025187		0.13	0.002	0.57	0.65	18.0	<0.2	<10	660	0.41	0.14	2.79	1.46	21.8	6.3	25
DD025188		0.10	0.003	0.38	0.59	7.2	<0.2	<10	1000	0.36	0.15	2.08	1.97	13.70	5.8	15
DD025189		0.19	0.002	0.35	0.55	140.0	<0.2	<10	210	0.29	0.14	0.41	0.43	9.18	5.3	12
DD025190		0.17	0.003	0.68	0.59	11.7	<0.2	<10	590	0.42	0.21	0.99	0.57	5.54	4.1	12
DD025191		0.15	NSS	1.01	0.52	14.7	<0.2	<10	870	0.42	0.16	0.73	0.59	8.62	7.3	32
DD025192		0.07	0.008	3.70	0.60	13.4	<0.2	<10	1100	0.38	0.12	2.12	0.66	10.10	8.1	28
DD025193		0.23	0.005	3.66	0.39	46.0	<0.2	<10	990	0.44	0.26	0.35	0.33	9.39	2.4	28
DD025194		0.22	0.005	0.67	0.40	17.1	<0.2	<10	170	0.54	0.21	0.02	0.41	7.35	6.5	15
DD025195		0.20	0.005	0.43	1.42	17.5	<0.2	<10	240	0.54	0.26	0.12	0.47	21.9	11.0	26

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Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD025156		1.47	12.3	2.51	4.33	<0.05	0.03	0.05	0.030	0.06	11.6	8.8	0.24	555	1.60	0.01
DD025157		1.08	11.4	2.00	4.10	<0.05	<0.02	0.04	0.017	0.06	6.1	4.3	0.09	161	2.05	<0.01
DD025158		0.94	21.2	2.03	2.41	0.05	0.02	0.11	0.022	0.06	15.4	5.2	0.14	234	2.81	0.01
DD025159		3.23	19.9	1.80	2.04	<0.05	0.07	0.03	0.029	0.11	3.0	2.7	0.08	193	1.44	<0.01
DD025160		0.70	14.5	1.47	1.61	0.05	0.03	0.07	0.017	0.05	15.7	2.8	0.13	400	1.12	0.01
DD025161		0.83	15.6	2.17	2.17	0.06	0.03	0.10	0.024	0.05	22.8	6.1	0.13	303	1.15	0.01
DD025162		4.32	20.9	1.82	2.94	<0.05	0.03	0.08	0.029	0.07	4.9	2.0	0.08	516	1.55	<0.01
DD025163		1.07	20.0	1.77	2.38	<0.05	0.03	0.12	0.026	0.05	7.2	4.3	0.12	451	1.09	<0.01
DD025164		0.75	13.7	2.10	2.55	<0.05	0.02	0.11	0.022	0.04	15.3	5.5	0.20	1100	0.97	0.01
DD025165		1.08	14.0	1.45	2.22	<0.05	0.02	0.10	0.017	0.04	6.9	3.3	0.13	701	1.03	0.01
DD025166		2.34	29.0	2.68	2.08	<0.05	0.02	0.12	0.038	0.06	14.3	4.3	0.14	445	2.29	0.01
DD025167		0.68	18.7	1.90	2.49	0.08	0.03	0.09	0.033	0.05	26.1	5.0	0.16	512	1.16	0.01
DD025168		1.00	21.5	1.94	2.79	0.08	0.05	0.13	0.036	0.07	28.4	5.3	0.17	841	1.16	0.02
DD025169		1.66	22.3	1.74	2.25	<0.05	0.03	0.08	0.025	0.04	15.6	2.9	0.09	258	1.64	0.01
DD025170		1.57	27.1	2.32	3.37	<0.05	0.03	0.08	0.032	0.08	9.0	5.3	0.15	288	2.64	0.01
DD025171		1.07	17.2	2.40	3.40	0.05	0.03	0.06	0.033	0.06	17.1	6.5	0.19	290	1.88	0.01
DD025172		1.66	18.4	1.92	2.85	0.06	0.06	0.11	0.030	0.06	19.5	5.1	0.10	346	3.38	0.01
DD025173		1.21	10.8	2.01	3.78	<0.05	0.02	0.04	0.028	0.06	7.5	6.9	0.16	393	1.60	0.01
DD025174		0.71	20.2	2.68	2.40	<0.05	0.02	0.04	0.038	0.07	3.3	4.5	0.07	80	2.43	0.01
DD025175		1.17	24.4	2.17	3.91	<0.05	0.04	0.07	0.028	0.05	12.2	28.1	0.32	326	1.14	0.01
DD025176		0.74	24.5	2.04	3.11	0.05	0.05	0.15	0.021	0.06	12.2	10.5	0.31	216	1.00	0.02
DD025177		0.56	18.9	1.91	3.63	0.05	0.05	0.10	0.027	0.05	15.7	9.7	0.27	554	0.69	0.02
DD025178		0.84	34.2	1.28	2.00	<0.05	0.04	0.20	0.018	0.03	8.3	4.5	0.12	357	0.70	0.02
DD025179		2.24	23.4	1.99	2.73	0.05	0.06	0.14	0.030	0.06	13.7	8.0	0.19	235	1.52	0.01
DD025180		1.22	22.6	1.61	2.12	0.06	0.04	0.20	0.023	0.05	17.2	4.0	0.09	312	1.79	0.01
DD025181		0.75	23.0	0.86	1.46	<0.05	0.03	0.15	0.014	0.03	9.3	2.7	0.08	267	0.61	0.02
DD025182		1.30	17.8	2.03	4.33	<0.05	0.04	0.07	0.029	0.07	9.6	6.3	0.12	383	2.33	0.01
DD025183		0.87	21.0	1.42	1.66	0.05	0.04	0.13	0.024	0.06	12.4	2.7	0.07	148	1.63	0.01
DD025184		0.80	20.0	1.23	1.82	0.05	0.05	0.13	0.024	0.05	12.5	3.3	0.09	164	1.18	0.01
DD025185		0.83	27.7	2.77	1.98	0.05	0.07	0.12	0.033	0.13	11.6	5.2	0.10	253	1.16	0.01
DD025186		1.16	24.6	1.67	2.05	0.06	0.04	0.15	0.025	0.08	16.9	5.2	0.12	516	1.23	0.01
DD025187		0.72	16.6	2.16	1.93	0.07	0.02	0.09	0.026	0.04	25.2	5.5	0.16	341	1.29	0.02
DD025188		0.78	14.3	1.51	1.98	<0.05	0.02	0.08	0.021	0.04	11.2	2.4	0.09	387	0.81	0.01
DD025189		1.29	12.1	1.24	1.65	0.06	0.03	0.07	0.021	0.04	8.2	3.6	0.08	254	2.18	0.01
DD025190		3.65	30.2	1.74	2.21	<0.05	0.03	0.08	0.027	0.07	4.3	2.9	0.08	187	1.36	0.01
DD025191		1.66	40.1	2.16	1.45	<0.05	0.05	0.12	0.036	0.05	5.0	2.0	0.05	585	3.67	0.01
DD025192		1.02	37.5	1.13	1.35	<0.05	0.07	0.30	0.020	0.03	5.4	1.3	0.07	1620	1.66	0.02
DD025193		6.22	30.1	2.09	1.50	0.06	0.02	0.14	0.028	0.15	6.5	2.7	0.04	40	6.52	0.02
DD025194		4.27	70.0	2.00	1.27	<0.05	<0.02	0.09	0.040	0.06	3.9	1.4	0.02	45	4.38	0.01
DD025195		5.31	25.6	3.10	4.54	<0.05	<0.02	0.06	0.035	0.08	10.5	13.9	0.40	348	2.05	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025156		0.67	23.4	810	12.2	11.0	0.001	0.06	0.53	2.3	1.0	0.5	21.0	<0.01	0.05	0.7
DD025157		0.67	18.9	440	8.6	8.9	<0.001	0.03	0.56	1.0	0.7	0.6	11.7	<0.01	0.04	0.3
DD025158		0.37	39.9	1490	11.6	6.5	0.001	0.11	0.74	1.6	2.4	0.4	45.2	<0.01	0.06	0.3
DD025159		0.19	26.1	950	12.2	17.4	0.001	0.08	0.72	3.1	1.0	0.4	19.6	<0.01	0.10	1.2
DD025160		0.22	16.6	1560	7.5	7.4	<0.001	0.19	0.44	0.8	1.8	0.2	54.9	<0.01	0.05	0.2
DD025161		0.26	22.6	1440	9.6	6.6	0.001	0.10	0.56	1.7	2.1	0.3	43.0	<0.01	0.06	0.5
DD025162		0.50	24.5	1170	10.9	13.9	0.001	0.14	1.03	1.8	1.0	0.5	42.2	0.01	0.10	0.5
DD025163		0.36	21.1	1390	9.5	5.8	0.001	0.17	0.72	1.3	1.1	0.3	22.9	<0.01	0.10	0.4
DD025164		0.37	21.2	1730	9.9	5.4	0.001	0.16	0.51	1.0	2.5	0.3	33.9	<0.01	0.08	0.3
DD025165		0.37	13.7	1890	7.9	4.8	0.001	0.26	0.44	0.6	1.1	0.3	39.7	<0.01	0.05	<0.2
DD025166		0.31	43.8	1130	13.5	9.3	0.001	0.10	1.17	2.1	3.2	0.4	43.2	<0.01	0.13	0.5
DD025167		0.39	22.2	1590	12.4	6.5	0.001	0.20	0.61	1.0	2.5	0.3	42.1	<0.01	0.08	0.2
DD025168		0.36	27.6	1760	15.7	8.6	<0.001	0.17	0.76	1.5	2.5	0.4	39.3	0.01	0.13	0.3
DD025169		0.31	26.2	1500	8.8	7.6	0.001	0.11	0.56	1.3	1.8	0.3	37.7	<0.01	0.05	0.3
DD025170		0.41	37.6	1180	13.3	9.2	<0.001	0.09	0.85	2.2	2.3	0.4	39.0	<0.01	0.07	0.5
DD025171		0.45	32.4	930	12.1	8.1	<0.001	0.05	0.74	2.9	2.1	0.4	17.5	<0.01	0.07	0.7
DD025172		0.31	49.4	1040	11.6	9.9	0.001	0.05	1.29	4.2	3.0	0.4	29.3	<0.01	0.05	1.1
DD025173		0.51	20.6	730	11.8	8.8	<0.001	0.05	0.54	2.2	0.9	0.4	18.8	<0.01	0.04	0.6
DD025174		0.15	26.9	400	13.7	8.1	0.001	0.06	0.55	2.8	1.0	0.4	19.5	<0.01	0.05	1.6
DD025175		0.75	28.4	920	9.8	8.4	0.001	0.06	0.65	2.6	1.5	0.4	27.7	<0.01	0.02	1.0
DD025176		0.65	34.5	1150	11.1	10.1	0.001	0.17	0.61	2.2	1.5	0.3	30.3	<0.01	0.02	0.7
DD025177		0.60	165.0	1340	10.7	7.2	0.001	0.10	0.50	2.2	1.7	0.4	30.6	<0.01	0.05	0.5
DD025178		0.39	19.0	1220	6.7	6.2	0.001	0.17	0.78	0.8	2.1	0.3	51.0	<0.01	0.02	0.2
DD025179		0.39	34.1	1140	12.1	13.4	0.001	0.09	0.76	3.0	2.4	0.4	35.6	<0.01	0.07	0.8
DD025180		0.27	35.3	920	8.9	7.7	0.001	0.08	0.96	1.8	3.2	0.3	41.0	<0.01	0.06	0.3
DD025181		0.21	19.3	1230	4.9	4.2	<0.001	0.17	0.74	0.6	2.7	0.2	55.4	<0.01	0.06	<0.2
DD025182		0.56	35.3	790	13.4	7.8	<0.001	0.07	0.72	2.4	1.7	0.6	34.9	<0.01	0.06	0.6
DD025183		0.23	31.7	1030	9.0	6.2	<0.001	0.13	0.71	1.3	2.8	0.3	46.4	<0.01	0.09	0.3
DD025184		0.25	26.3	1430	7.7	6.7	0.001	0.19	0.58	1.1	2.7	0.2	55.4	<0.01	0.05	0.3
DD025185		0.15	42.4	430	22.6	9.3	0.001	0.09	0.89	4.3	2.4	0.4	36.6	<0.01	0.17	1.9
DD025186		0.22	40.4	1480	14.9	7.5	<0.001	0.18	0.79	0.9	2.0	0.3	50.1	<0.01	0.10	0.3
DD025187		0.32	22.4	1240	9.5	7.4	0.001	0.13	0.55	1.3	3.3	0.2	53.1	<0.01	0.05	0.3
DD025188		0.37	15.0	1440	8.5	5.4	<0.001	0.18	0.53	1.1	1.2	0.2	49.1	<0.01	0.06	0.2
DD025189		0.21	22.0	870	11.7	6.1	0.001	0.08	0.81	1.5	12.1	0.2	45.2	<0.01	0.11	0.6
DD025190		0.33	31.5	1130	10.5	13.1	0.001	0.12	0.88	1.5	1.9	0.3	40.7	<0.01	0.10	0.3
DD025191		0.14	58.2	1620	9.0	6.9	0.001	0.14	1.29	3.0	4.4	0.3	62.1	<0.01	0.10	0.4
DD025192		0.23	34.0	2630	7.2	4.8	0.001	0.22	1.02	2.3	4.4	0.2	82.7	<0.01	0.08	0.6
DD025193		0.14	30.3	830	15.1	14.7	0.001	0.25	1.65	2.3	10.5	0.4	184.5	<0.01	0.16	2.4
DD025194		0.08	63.5	310	11.6	9.7	0.003	0.02	1.29	3.5	7.1	0.4	12.2	<0.01	0.13	2.0
DD025195		0.68	37.7	740	15.1	14.2	0.001	0.05	1.13	2.1	1.4	0.5	18.3	<0.01	0.07	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD025156		0.016	0.19	1.28	55	0.13	13.50	128	0.8
DD025157		0.020	0.14	0.46	57	0.17	2.64	85	<0.5
DD025158		0.012	0.18	1.74	39	0.12	23.4	295	0.6
DD025159		<0.005	0.14	0.93	30	0.06	3.89	131	1.7
DD025160		0.006	0.12	0.67	32	0.06	28.5	189	0.7
DD025161		0.008	0.16	1.57	38	0.08	40.1	100	0.7
DD025162		0.014	0.19	0.79	42	0.12	4.92	120	0.8
DD025163		0.011	0.18	1.28	38	0.10	12.65	111	1.0
DD025164		0.011	0.11	1.40	43	0.13	25.7	88	0.6
DD025165		0.012	0.09	0.80	26	0.08	10.15	114	0.5
DD025166		0.011	0.19	1.70	37	0.08	23.4	188	0.7
DD025167		0.007	0.12	1.27	32	0.10	50.4	185	0.6
DD025168		0.007	0.19	0.96	42	0.11	56.6	273	1.0
DD025169		0.007	0.10	2.12	40	0.08	28.5	124	0.7
DD025170		0.009	0.17	1.87	50	0.11	16.65	118	1.0
DD025171		0.009	0.18	1.66	50	0.12	27.7	131	0.6
DD025172		0.005	0.31	2.38	49	0.08	38.3	193	1.6
DD025173		0.011	0.15	0.91	44	0.13	10.15	107	0.7
DD025174		<0.005	0.13	0.68	34	<0.05	6.12	112	0.7
DD025175		0.018	0.11	0.88	40	0.26	12.50	90	1.0
DD025176		0.016	0.11	1.03	39	0.17	19.60	206	1.3
DD025177		0.009	0.13	2.67	60	0.11	32.5	791	1.4
DD025178		0.006	0.10	2.33	21	0.11	16.70	47	1.3
DD025179		0.006	0.26	1.52	38	0.10	26.5	136	1.7
DD025180		0.005	0.18	2.32	37	0.08	36.0	103	0.9
DD025181		<0.005	0.10	3.09	21	0.06	20.1	50	1.2
DD025182		0.008	0.21	1.06	58	0.11	12.35	159	1.1
DD025183		<0.005	0.15	1.49	27	0.07	27.9	133	1.3
DD025184		<0.005	0.12	2.17	25	0.07	29.4	79	1.6
DD025185		<0.005	0.16	0.63	29	0.06	23.1	131	1.8
DD025186		<0.005	0.37	0.97	29	0.12	34.6	207	1.2
DD025187		0.009	0.13	1.24	30	0.21	43.0	106	0.5
DD025188		0.010	0.05	2.63	32	0.09	19.30	86	0.7
DD025189		0.006	0.59	2.02	26	0.06	23.5	71	0.8
DD025190		0.010	0.27	2.62	29	0.08	18.70	131	0.9
DD025191		<0.005	0.17	2.39	49	0.05	20.6	206	1.7
DD025192		0.007	0.13	4.31	58	0.05	22.5	75	2.6
DD025193		<0.005	0.91	1.42	53	0.05	9.18	98	0.5
DD025194		<0.005	0.93	2.36	34	<0.05	12.50	212	<0.5
DD025195		0.026	0.26	1.15	45	0.21	7.11	110	<0.5

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VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD025196		0.09	0.003	0.37	0.68	9.1	<0.2	<10	550	0.46	0.18	2.37	0.65	16.10	5.7	17
DD025197		0.10	0.004	1.35	0.78	23.2	<0.2	<10	1190	0.46	0.28	1.23	0.54	25.3	9.4	18
DD025198		0.08	0.002	0.29	0.55	117.0	<0.2	<10	810	0.41	0.12	4.52	1.31	16.80	8.2	18
DD025199		0.15	0.003	0.29	0.85	19.0	<0.2	<10	370	0.46	0.18	9.79	2.22	18.95	9.4	21
DD025200		0.16	0.002	0.56	0.63	16.6	<0.2	<10	600	0.65	0.27	0.99	0.58	16.05	10.9	14
DD025201		0.18	0.004	0.80	0.66	78.2	<0.2	<10	480	0.60	0.21	1.65	0.95	12.50	6.9	20
DD025202		0.18	0.004	1.02	0.79	71.2	<0.2	<10	400	0.58	0.19	1.05	0.62	18.15	6.4	25
DD025203		0.16	0.002	0.49	1.07	61.3	<0.2	<10	650	0.60	0.22	1.37	1.04	15.80	7.7	30
DD025204		0.13	0.004	0.67	0.87	70.6	<0.2	10	640	0.54	0.16	3.33	0.80	11.20	5.9	22
DD025205		0.11	0.004	0.19	0.48	15.2	<0.2	10	700	0.28	0.08	5.30	0.34	4.08	3.3	7
DD025206		0.11	0.003	0.28	0.95	33.3	<0.2	<10	600	0.48	0.16	3.14	0.56	10.50	7.2	18
DD025207		0.11	0.004	0.20	1.25	15.0	<0.2	<10	300	0.63	0.19	1.96	1.20	18.25	9.6	23
DD025208		0.20	0.004	1.53	0.87	218	<0.2	<10	820	0.89	0.20	0.72	1.94	15.00	7.9	27
DD025209		0.20	0.006	3.73	0.31	32.0	<0.2	10	1270	0.61	0.19	0.59	1.32	4.63	6.4	22
DD025210		0.08	0.006	1.47	0.62	20.7	<0.2	10	660	0.62	0.16	2.36	0.59	7.64	4.9	25
DD025211		0.22	0.006	1.91	0.60	31.6	<0.2	10	760	0.66	0.17	2.23	0.67	7.82	4.5	24
DD025212		0.20	0.006	2.68	0.46	41.0	<0.2	10	760	0.62	0.24	1.00	0.79	8.48	6.6	24
DD025213		0.25	0.002	0.20	0.88	129.0	<0.2	<10	110	0.39	0.22	0.06	0.46	15.45	3.9	18
DD025214		0.16	0.002	0.90	2.82	191.0	<0.2	<10	250	2.32	0.16	1.74	2.32	14.05	31.9	29
DD025215		0.17	0.001	0.20	1.00	37.3	<0.2	<10	370	0.25	0.30	0.61	0.31	17.35	3.5	19
DD025216		0.15	0.002	0.92	0.88	31.1	<0.2	<10	550	0.59	0.19	1.78	0.75	21.4	4.9	29
DD025217		0.14	0.003	0.32	1.20	101.5	<0.2	<10	350	0.83	0.23	2.55	1.63	23.9	10.0	33
DD025218		0.11	0.002	0.28	0.48	40.3	<0.2	<10	220	0.31	0.11	4.17	2.09	7.36	4.2	13
DD025219		0.13	0.001	0.38	1.73	70.0	<0.2	<10	320	0.75	0.26	0.64	1.37	23.7	8.0	36
DD025220		0.12	0.005	0.87	1.04	131.0	<0.2	<10	710	0.74	0.18	2.63	1.32	11.00	8.0	28
DD025221		0.17	0.003	0.63	0.87	106.0	<0.2	<10	600	0.60	0.14	2.77	0.89	8.40	6.5	21
DD025222		0.13	0.005	0.64	0.77	72.5	<0.2	10	570	0.49	0.13	3.53	1.34	9.42	6.1	19
DD025223		0.10	0.003	0.35	0.82	42.5	<0.2	<10	580	0.61	0.16	3.10	0.61	11.95	7.5	17
DD025224		0.19	0.004	0.65	1.14	110.0	<0.2	<10	700	0.84	0.18	2.14	1.65	12.65	8.2	32
DD025225		0.09	0.007	0.10	0.45	17.5	<0.2	<10	250	0.23	0.10	6.74	6.01	11.25	4.3	10
DD025226		0.05	0.004	0.16	0.31	17.1	<0.2	<10	360	0.17	0.07	3.79	1.23	6.12	2.8	7
DD025227		0.15	0.004	0.70	0.82	32.9	<0.2	<10	540	0.31	0.28	1.50	0.63	14.80	4.1	16
DD025228		0.17	0.005	3.50	0.83	21.8	<0.2	<10	900	0.65	0.22	1.41	1.10	12.55	6.1	30
DD025229		0.21	0.004	0.54	0.34	12.6	<0.2	10	360	0.26	0.09	3.09	1.27	4.85	3.2	16
DD025230		0.14	0.005	2.08	0.56	25.0	<0.2	10	1000	0.57	0.17	1.43	0.68	6.01	4.4	22
DD025231		0.10	0.006	2.40	0.41	30.2	<0.2	10	1270	0.49	0.15	2.78	1.33	4.94	4.5	20
DD025232		0.13	0.002	1.46	0.64	35.5	<0.2	<10	1040	0.60	0.17	2.17	1.00	9.93	3.5	32

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description / Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD025196	0.64	17.3	1.73	2.10	0.05	0.02	0.09	0.023	0.04	17.9	4.0	0.11	459	1.14	0.01
DD025197	1.77	28.8	2.61	2.48	<0.05	0.04	0.13	0.042	0.07	11.0	6.4	0.19	240	1.57	0.02
DD025198	0.85	15.3	1.69	1.65	0.06	0.02	0.14	0.025	0.04	20.9	4.0	0.10	427	1.10	0.01
DD025199	0.70	18.0	2.08	2.42	0.07	0.03	0.06	0.025	0.08	25.8	6.1	0.27	657	0.94	0.02
DD025200	0.44	25.6	2.36	1.77	<0.05	0.08	0.09	0.036	0.14	10.7	3.9	0.11	259	1.10	0.01
DD025201	1.06	25.9	2.03	2.00	0.05	0.05	0.16	0.033	0.09	15.5	4.7	0.10	168	2.08	0.01
DD025202	1.09	22.5	2.26	2.25	0.07	0.04	0.13	0.029	0.08	20.4	5.8	0.18	154	2.37	0.01
DD025203	1.49	20.7	2.24	3.21	0.05	0.04	0.11	0.037	0.08	14.5	7.9	0.15	303	2.19	0.01
DD025204	1.08	24.3	1.79	2.40	0.05	0.04	0.21	0.026	0.07	15.2	5.6	0.12	277	1.48	0.02
DD025205	0.42	21.6	0.78	1.28	<0.05	0.04	0.11	0.011	0.02	3.3	3.1	0.09	419	0.63	0.02
DD025206	0.79	31.3	1.75	2.85	<0.05	0.04	0.14	0.022	0.05	7.8	9.9	0.21	312	0.94	0.02
DD025207	0.56	23.2	2.42	3.50	<0.05	0.05	0.11	0.026	0.06	11.5	12.1	0.37	499	1.01	0.02
DD025208	1.71	25.8	2.87	2.58	0.05	0.03	0.22	0.035	0.08	10.1	4.8	0.10	292	5.78	0.01
DD025209	1.73	71.3	3.35	1.03	0.07	0.03	0.22	0.036	0.10	3.7	0.9	0.03	84	7.21	0.01
DD025210	2.24	40.9	1.61	1.82	<0.05	0.06	0.18	0.026	0.06	5.6	3.5	0.11	183	1.31	0.01
DD025211	3.88	42.9	1.63	1.75	<0.05	0.06	0.22	0.033	0.08	6.0	3.8	0.10	121	1.64	0.01
DD025212	10.35	64.9	2.81	1.54	0.06	0.06	0.25	0.049	0.16	6.1	2.4	0.05	160	5.67	0.02
DD025213	1.58	18.6	2.38	3.78	<0.05	0.02	0.03	0.029	0.04	8.3	6.8	0.09	73	2.59	0.01
DD025214	2.42	82.0	5.05	2.55	0.07	0.07	0.11	0.033	0.05	15.9	6.2	0.09	883	3.43	0.01
DD025215	1.22	8.6	2.76	6.24	<0.05	<0.02	0.02	0.021	0.06	9.3	7.4	0.13	175	1.74	0.01
DD025216	1.10	16.0	2.37	2.54	0.07	0.03	0.11	0.031	0.06	20.4	7.2	0.17	241	1.15	0.02
DD025217	0.56	17.4	2.79	3.51	0.10	0.04	0.09	0.037	0.06	30.5	8.0	0.20	383	1.65	0.01
DD025218	0.67	11.5	1.28	1.36	0.05	0.03	0.10	0.020	0.04	12.2	3.1	0.09	119	0.86	0.02
DD025219	1.38	15.9	2.85	5.34	0.05	0.04	0.05	0.035	0.06	13.8	10.5	0.25	193	3.91	0.01
DD025220	0.97	28.0	2.22	3.11	<0.05	0.06	0.22	0.026	0.09	9.5	12.5	0.54	245	2.09	0.01
DD025221	0.65	21.8	1.85	2.53	<0.05	0.05	0.19	0.023	0.06	7.4	9.8	0.19	193	1.82	0.01
DD025222	0.53	24.7	1.45	2.26	0.05	0.04	0.19	0.021	0.06	9.2	7.3	0.18	302	1.36	0.01
DD025223	0.47	25.2	1.80	2.49	<0.05	0.05	0.22	0.021	0.06	9.4	7.7	0.17	510	0.95	0.01
DD025224	0.80	25.0	2.41	3.35	0.06	0.07	0.23	0.035	0.09	13.8	10.6	0.20	225	4.40	0.01
DD025225	0.42	9.2	0.85	1.07	0.06	0.02	0.09	0.015	0.02	24.3	1.3	0.06	594	0.46	0.02
DD025226	0.47	8.4	0.68	0.91	<0.05	0.04	0.19	0.012	0.06	6.2	1.4	0.06	392	0.66	0.02
DD025227	0.99	17.7	1.45	4.57	<0.05	<0.02	0.04	0.016	0.18	9.1	2.1	0.08	609	1.64	0.01
DD025228	3.04	33.1	1.98	2.47	0.05	0.04	0.16	0.035	0.09	8.5	4.8	0.12	248	2.41	0.02
DD025229	0.90	15.5	0.82	0.97	<0.05	0.04	0.19	0.015	0.06	4.4	1.4	0.06	293	1.19	0.02
DD025230	0.66	40.5	1.97	1.63	<0.05	0.03	0.16	0.026	0.06	4.4	2.3	0.06	143	3.21	0.01
DD025231	0.63	44.7	2.13	1.31	0.05	0.07	0.19	0.029	0.09	4.0	2.5	0.06	60	10.65	0.01
DD025232	0.81	24.4	2.00	1.85	<0.05	0.05	0.12	0.030	0.06	6.5	4.0	0.04	63	7.97	0.01

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025196		0.29	19.0	1720	10.5	5.8	0.001	0.19	0.62	0.9	1.6	0.2	33.6	<0.01	0.10	0.2
DD025197		0.47	43.9	750	17.0	10.3	0.001	0.10	1.27	2.9	3.0	0.4	36.3	<0.01	0.10	0.7
DD025198		0.28	27.6	1310	9.3	5.8	0.001	0.19	0.56	1.0	2.6	0.2	62.5	<0.01	0.05	0.3
DD025199		0.27	23.4	1330	13.0	6.7	<0.001	0.10	0.64	1.4	2.0	0.3	78.7	<0.01	0.11	0.4
DD025200		0.25	35.0	610	18.4	7.5	0.001	0.07	0.88	4.2	2.2	0.4	21.9	<0.01	0.12	1.6
DD025201		0.23	41.6	800	15.3	10.5	0.001	0.09	0.89	3.0	2.8	0.3	31.4	<0.01	0.10	0.7
DD025202		0.39	40.2	820	11.4	7.1	0.001	0.06	0.98	4.3	3.2	0.3	37.0	<0.01	0.10	1.1
DD025203		0.54	38.2	770	13.2	8.9	0.001	0.07	0.81	3.6	2.5	0.5	35.6	<0.01	0.07	1.0
DD025204		0.41	33.9	960	9.0	7.0	<0.001	0.10	0.76	2.0	2.8	0.3	49.8	<0.01	0.05	0.4
DD025205		0.24	15.2	1230	3.9	2.7	0.001	0.25	0.74	0.4	2.6	<0.2	69.1	<0.01	0.02	<0.2
DD025206		0.51	28.6	950	9.2	7.7	0.001	0.14	1.05	1.5	2.1	0.3	43.8	<0.01	0.04	0.4
DD025207		0.69	39.2	1030	11.0	7.0	0.001	0.10	0.67	2.3	1.2	0.4	28.0	<0.01	0.02	0.7
DD025208		0.26	57.5	930	28.8	8.3	0.001	0.10	1.87	3.8	4.3	0.4	77.8	<0.01	0.10	0.9
DD025209		<0.05	99.5	1540	11.7	8.5	0.012	0.12	1.94	6.9	11.3	0.4	85.5	<0.01	0.14	1.9
DD025210		0.27	45.6	1010	7.9	7.9	0.004	0.13	0.90	2.4	4.8	0.3	79.9	<0.01	0.09	0.6
DD025211		0.22	47.5	1170	9.1	10.2	0.002	0.12	0.94	2.8	4.7	0.3	71.6	<0.01	0.07	0.5
DD025212		0.10	76.3	1360	14.8	14.8	0.004	0.27	1.79	5.2	8.5	0.4	83.5	<0.01	0.16	2.1
DD025213		0.75	30.4	410	11.6	7.4	0.002	0.03	1.22	2.1	3.2	0.5	15.9	<0.01	0.10	1.4
DD025214		0.37	176.5	1500	9.4	7.7	0.001	0.06	0.82	14.3	5.1	0.3	39.4	0.01	0.08	1.1
DD025215		1.38	12.5	400	13.7	13.4	<0.001	0.03	0.59	1.6	0.5	0.7	16.1	<0.01	0.07	1.1
DD025216		0.43	23.1	1010	11.0	8.5	<0.001	0.09	0.64	2.6	2.2	0.4	39.0	<0.01	0.06	0.6
DD025217		0.55	37.5	1090	14.3	5.8	0.001	0.10	1.08	2.8	3.5	0.5	36.5	<0.01	0.10	0.6
DD025218		0.29	17.9	960	6.7	6.1	0.001	0.15	0.57	1.0	1.8	0.2	37.3	<0.01	0.07	0.3
DD025219		1.03	40.2	270	16.6	8.2	<0.001	0.03	0.86	4.3	2.7	0.7	30.9	<0.01	0.05	2.8
DD025220		0.36	46.1	820	11.2	8.3	0.002	0.07	0.96	3.7	3.3	0.4	53.6	<0.01	0.04	0.9
DD025221		0.28	37.1	680	9.4	6.5	0.002	0.09	0.93	2.5	3.4	0.4	48.1	<0.01	0.05	0.5
DD025222		0.31	32.2	830	8.9	6.1	0.001	0.12	0.79	1.7	3.5	0.3	48.2	<0.01	0.05	0.3
DD025223		0.38	27.7	820	10.9	6.3	0.002	0.12	0.72	2.0	1.9	0.3	37.8	<0.01	0.03	0.5
DD025224		0.37	46.7	720	13.2	8.0	0.001	0.08	1.45	4.8	3.8	0.5	61.3	<0.01	0.07	1.2
DD025225		0.22	8.8	1270	7.2	3.0	0.001	0.17	0.27	0.8	1.7	0.2	57.2	<0.01	0.11	<0.2
DD025226		0.22	7.0	990	4.0	3.9	<0.001	0.19	0.30	1.0	0.7	<0.2	44.3	<0.01	0.02	0.3
DD025227		0.40	13.3	940	12.3	8.5	0.001	0.09	0.64	0.2	0.6	0.8	34.2	<0.01	0.03	<0.2
DD025228		0.35	43.4	1390	11.1	9.4	0.001	0.16	1.14	2.8	4.8	0.4	82.7	<0.01	0.09	0.6
DD025229		0.18	18.9	1560	4.6	3.7	0.001	0.24	0.50	0.8	2.2	0.2	75.2	<0.01	0.03	0.2
DD025230		0.14	57.0	1250	8.9	5.2	0.003	0.08	1.05	2.7	3.5	0.4	65.7	<0.01	0.12	0.6
DD025231		0.11	89.7	1540	8.8	5.4	0.003	0.19	1.88	2.7	6.1	0.4	231	<0.01	0.09	0.6
DD025232		0.26	54.3	1300	11.6	7.2	0.002	0.16	1.35	2.1	4.6	0.4	195.0	<0.01	0.06	0.5

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD025196		0.006	0.07	1.67	33	0.13	29.9	80	0.7
DD025197		0.013	0.18	1.50	36	0.12	18.45	155	1.0
DD025198		0.005	0.27	1.09	28	0.09	40.3	144	0.7
DD025199		0.010	0.10	0.55	35	0.10	48.3	165	0.8
DD025200		<0.005	0.10	0.74	25	0.09	20.4	120	2.3
DD025201		<0.005	0.25	1.05	35	0.07	34.3	148	1.7
DD025202		0.009	0.20	1.40	42	0.12	40.7	142	1.2
DD025203		0.008	0.21	1.37	54	0.09	23.2	146	1.1
DD025204		0.006	0.19	1.57	40	0.12	28.3	117	1.1
DD025205		<0.005	0.06	3.48	12	0.09	6.98	26	1.1
DD025206		0.008	0.12	1.80	30	0.09	13.25	106	1.3
DD025207		0.017	0.10	1.23	43	0.21	15.65	180	1.2
DD025208		<0.005	0.45	2.30	85	0.17	25.0	219	0.8
DD025209		<0.005	0.19	3.74	57	0.11	38.0	350	1.5
DD025210		<0.005	0.27	2.47	40	0.06	21.5	134	1.7
DD025211		<0.005	0.47	1.94	38	0.06	27.9	163	2.0
DD025212		<0.005	0.38	2.58	43	0.05	26.9	263	1.9
DD025213		0.015	0.26	0.67	59	0.17	6.57	121	0.6
DD025214		0.010	0.29	3.20	68	0.10	90.0	795	2.4
DD025215		0.037	0.17	0.59	71	0.27	3.38	73	<0.5
DD025216		0.009	0.19	1.59	40	0.18	34.4	85	0.8
DD025217		0.008	0.18	1.55	54	0.74	62.7	137	1.0
DD025218		0.007	0.12	0.54	21	0.09	22.3	197	1.0
DD025219		0.013	0.31	1.10	81	0.22	14.10	131	1.5
DD025220		<0.005	0.32	2.08	50	0.09	35.3	119	1.9
DD025221		<0.005	0.24	2.20	42	0.07	24.1	101	1.5
DD025222		<0.005	0.27	2.13	39	0.10	23.4	107	1.3
DD025223		0.005	0.12	3.07	34	0.13	19.90	92	1.4
DD025224		<0.005	0.45	1.86	68	0.14	33.7	148	1.9
DD025225		0.006	0.06	1.07	15	0.05	45.2	294	0.6
DD025226		0.009	0.08	0.84	11	<0.05	11.10	51	1.1
DD025227		0.010	0.14	1.09	50	0.13	9.35	46	<0.5
DD025228		0.007	0.19	2.19	52	0.11	18.60	145	1.0
DD025229		0.007	0.09	1.93	25	<0.05	12.25	156	1.5
DD025230		<0.005	0.07	2.58	51	0.12	23.0	163	1.1
DD025231		<0.005	0.21	4.16	45	0.15	22.0	247	2.2
DD025232		<0.005	0.21	3.75	60	0.12	18.90	170	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136079

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non- sufficient sample.
Applies to Method: ALL METHODS

Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
Applies to Method: ME- MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG- 22 SCR- 41 WEI- 21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au- ICP21 ME- MS41

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

CERTIFICATE WH13137040

Project: Nadaleen

P.O. No.: SO13-11

This report is for 152 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
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VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78445	0.30	0.002	0.35	1.37	69.4	<0.2	<10	180	0.80	0.19	4.90	0.91	17.15	9.4	25
ZZ78446	0.30	0.003	0.26	1.23	125.5	<0.2	<10	230	1.01	0.20	3.40	1.38	16.90	9.6	22
ZZ78447	0.21	0.004	0.22	1.09	36.8	<0.2	<10	650	0.78	0.19	2.30	0.73	14.35	11.6	19
ZZ78448	0.24	0.003	0.26	1.15	19.6	<0.2	<10	410	0.79	0.20	0.92	0.92	16.70	9.6	22
ZZ78449	0.18	0.003	0.22	1.23	35.5	<0.2	<10	520	0.80	0.21	0.89	0.93	15.25	13.3	22
ZZ78450	0.34	0.004	0.37	1.04	45.3	<0.2	<10	920	0.68	0.18	2.97	0.80	15.10	10.1	20
ZZ78451	0.33	0.003	0.36	1.36	40.6	<0.2	<10	680	0.90	0.22	0.99	0.44	22.1	12.0	25
ZZ78452	0.29	0.001	0.15	1.57	23.3	<0.2	<10	710	0.55	0.25	0.70	0.51	23.5	10.5	27
ZZ78453	0.40	0.001	0.10	1.43	40.0	<0.2	<10	580	0.90	0.25	0.30	0.42	18.40	12.9	26
ZZ78454	0.32	0.003	0.31	1.21	34.7	<0.2	<10	490	0.80	0.21	0.76	0.89	19.35	12.2	23
ZZ78455	0.26	0.004	0.46	1.25	37.6	<0.2	<10	900	0.81	0.21	1.38	0.76	18.85	10.1	24
ZZ78456	0.13	0.002	0.19	1.20	24.0	<0.2	<10	1270	0.46	0.20	2.05	0.46	15.00	8.7	21
ZZ78457	0.33	0.005	0.53	1.01	53.3	<0.2	<10	1130	0.74	0.18	2.67	0.94	15.75	9.7	20
ZZ78458	0.25	0.002	0.23	1.16	33.3	<0.2	<10	480	0.71	0.19	1.26	0.78	14.55	11.0	21
ZZ78459	0.13	0.003	0.23	0.98	48.6	<0.2	<10	1210	0.67	0.15	3.34	1.49	9.94	12.5	14
ZZ78460	0.26	0.002	0.19	1.07	35.2	<0.2	<10	410	0.69	0.19	0.81	0.63	16.70	11.5	20
ZZ78461	0.13	0.002	0.21	0.91	35.3	<0.2	<10	680	0.60	0.14	2.16	1.19	10.50	8.5	16
ZZ78462	0.37	0.002	0.29	1.59	44.0	<0.2	<10	300	0.90	0.21	0.58	0.58	16.75	9.1	27
ZZ78463	0.31	0.005	0.43	0.94	165.0	<0.2	<10	150	0.87	0.13	6.31	1.63	16.00	7.3	19
ZZ78464	0.17	0.002	0.27	1.48	49.9	<0.2	<10	480	0.95	0.21	1.83	1.42	20.2	9.7	25
ZZ78465	0.31	0.001	0.07	1.72	25.2	<0.2	<10	360	0.87	0.23	0.45	0.58	18.70	10.0	28
ZZ78466	0.25	0.003	0.23	1.29	30.7	<0.2	<10	520	0.74	0.20	1.08	0.46	17.35	11.3	23
ZZ78467	0.16	0.003	0.23	1.13	17.6	<0.2	<10	580	0.67	0.17	1.39	0.89	12.85	10.1	20
ZZ78468	0.35	0.003	0.24	1.07	37.3	<0.2	<10	290	0.78	0.21	0.34	0.86	18.50	12.6	22
ZZ78469	0.25	0.005	0.42	1.34	41.0	<0.2	<10	660	0.85	0.21	1.10	1.04	20.1	11.6	27
ZZ78470	0.24	0.003	0.23	0.99	30.6	<0.2	<10	1130	0.68	0.18	2.01	0.88	13.25	8.3	16
ZZ78471	0.18	0.003	0.22	0.91	33.7	<0.2	<10	470	0.66	0.20	1.28	0.77	14.05	9.7	17
ZZ78472	0.26	0.003	0.34	0.93	35.2	<0.2	<10	530	0.81	0.21	1.62	0.74	14.95	9.4	19
ZZ78473	0.39	0.004	0.58	1.05	39.5	<0.2	<10	450	0.92	0.22	0.57	0.75	18.10	9.7	22
ZZ78474	0.35	0.005	0.44	1.25	61.9	<0.2	<10	570	1.09	0.24	1.68	1.02	22.0	13.8	24
ZZ78475	0.15	0.003	0.22	0.84	30.1	<0.2	<10	490	0.64	0.18	1.49	0.76	13.35	9.1	16
ZZ78476	0.35	0.003	0.34	0.84	35.8	<0.2	<10	500	0.75	0.18	2.28	1.01	14.60	8.6	17
ZZ78477	0.23	0.004	0.37	0.75	47.0	<0.2	<10	570	0.71	0.18	1.68	1.46	18.55	9.1	17
ZZ78478	0.28	0.002	0.15	1.34	45.9	<0.2	<10	160	0.96	0.21	0.90	0.72	18.35	12.3	24
ZZ78479	0.28	0.002	0.09	1.79	29.9	<0.2	<10	300	0.88	0.23	0.24	0.47	22.4	10.8	31
ZZ78480	0.21	0.003	0.25	1.02	43.2	<0.2	<10	520	0.81	0.23	1.25	1.26	15.75	11.3	19
ZZ78481	0.20	0.004	0.29	0.99	36.5	<0.2	<10	550	0.78	0.20	1.25	0.95	15.60	10.6	19
ZZ78482	0.26	0.002	0.08	1.37	44.8	<0.2	<10	260	0.70	0.25	0.43	0.44	14.70	11.5	24
ZZ78483	0.24	0.003	0.47	0.97	69.2	<0.2	<10	360	1.02	0.18	6.01	1.70	19.05	8.4	19
ZZ78484	0.26	0.002	0.56	1.18	102.0	<0.2	<10	380	0.97	0.20	2.20	1.46	16.35	8.8	24

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78445	1.05	17.0	2.72	4.41	0.06	0.06	0.50	0.032	0.05	10.6	14.9	2.95	343	2.40	0.02
ZZ78446	0.70	23.6	3.09	3.55	0.06	0.06	0.45	0.032	0.08	8.5	13.6	1.81	355	2.34	0.02
ZZ78447	0.48	26.9	2.90	3.33	0.06	0.05	0.30	0.027	0.06	7.3	14.9	0.85	735	1.86	0.02
ZZ78448	0.72	32.9	2.31	3.55	0.05	0.08	0.30	0.032	0.08	8.4	18.6	0.37	112	1.29	0.02
ZZ78449	0.68	28.5	3.25	3.79	0.06	0.06	0.20	0.033	0.08	7.9	16.8	0.35	971	2.14	0.02
ZZ78450	0.73	31.9	2.75	3.24	0.05	0.05	0.27	0.029	0.07	8.0	13.6	1.35	422	2.14	0.02
ZZ78451	0.75	25.8	3.23	4.15	0.06	0.05	0.19	0.036	0.06	9.5	17.7	0.47	374	2.17	0.02
ZZ78452	0.90	12.0	3.05	5.50	0.06	0.03	0.08	0.034	0.05	11.8	18.1	0.42	641	1.55	0.02
ZZ78453	0.73	31.4	3.70	4.46	0.06	0.05	0.09	0.043	0.07	9.0	20.0	0.42	494	2.89	0.02
ZZ78454	0.83	36.8	3.42	3.87	0.08	0.06	0.19	0.035	0.07	10.5	20.1	0.53	421	2.19	0.02
ZZ78455	0.56	36.1	2.98	3.94	0.06	0.06	0.35	0.032	0.07	11.3	16.4	0.50	344	2.04	0.02
ZZ78456	0.54	19.4	2.35	4.40	0.05	0.03	0.17	0.027	0.05	7.8	13.6	0.38	528	1.28	0.02
ZZ78457	0.80	41.6	2.64	3.01	0.05	0.05	0.40	0.031	0.07	8.8	11.8	1.16	347	2.42	0.02
ZZ78458	0.57	29.5	3.02	3.44	0.06	0.06	0.26	0.030	0.08	7.5	17.0	0.45	316	1.55	0.02
ZZ78459	0.49	48.7	3.14	2.68	0.06	0.04	0.16	0.022	0.06	5.2	8.8	0.29	817	1.30	0.03
ZZ78460	0.70	29.7	3.24	3.33	0.06	0.06	0.23	0.029	0.07	8.4	16.4	0.37	204	1.95	0.02
ZZ78461	0.43	23.2	2.17	2.71	<0.05	0.05	0.20	0.024	0.05	5.5	10.4	0.32	989	1.47	0.02
ZZ78462	0.76	18.0	3.26	4.66	0.06	0.06	0.17	0.034	0.06	10.3	17.7	0.43	246	2.10	0.01
ZZ78463	0.68	20.1	2.47	2.35	0.05	0.05	22.1	0.025	0.06	9.0	8.7	3.38	416	2.50	0.02
ZZ78464	0.73	17.2	2.68	4.27	0.05	0.05	0.24	0.032	0.05	11.0	12.9	0.56	546	1.19	0.02
ZZ78465	0.81	11.9	3.10	5.41	0.06	0.04	0.06	0.033	0.05	9.6	14.6	0.38	510	1.23	0.01
ZZ78466	0.56	27.4	2.93	3.95	0.05	0.05	0.40	0.031	0.06	9.2	14.6	0.38	449	1.85	0.02
ZZ78467	0.56	28.1	2.09	3.31	<0.05	0.05	0.27	0.029	0.08	6.5	14.5	0.37	589	1.10	0.02
ZZ78468	0.80	41.6	3.37	3.46	0.08	0.04	0.28	0.032	0.07	10.4	15.8	0.36	563	2.42	0.02
ZZ78469	0.50	28.4	3.26	3.87	0.06	0.05	0.24	0.036	0.06	11.9	16.2	0.42	814	2.42	0.02
ZZ78470	0.41	27.7	2.23	3.42	<0.05	0.04	0.22	0.027	0.04	6.3	8.4	0.31	457	1.77	0.01
ZZ78471	0.47	25.3	2.48	3.22	0.06	0.05	0.31	0.029	0.07	6.3	13.3	0.34	440	1.57	0.01
ZZ78472	0.66	38.3	2.64	3.32	0.06	0.05	0.41	0.031	0.07	7.3	13.3	0.51	316	2.27	0.01
ZZ78473	0.58	34.5	2.83	3.69	0.07	0.06	0.30	0.034	0.07	9.6	16.3	0.34	411	3.05	0.01
ZZ78474	0.93	47.0	3.47	4.01	0.07	0.07	0.34	0.040	0.07	11.3	15.1	0.68	543	4.73	0.01
ZZ78475	0.44	25.9	2.41	3.02	0.05	0.05	0.19	0.025	0.06	5.8	12.1	0.34	530	1.58	0.01
ZZ78476	0.59	37.3	2.44	2.90	0.05	0.05	0.35	0.024	0.06	6.5	11.6	0.85	355	1.98	0.01
ZZ78477	0.71	30.6	2.70	2.62	0.06	0.04	0.31	0.026	0.06	7.6	10.3	0.71	587	2.67	0.01
ZZ78478	0.65	25.4	3.62	3.97	<0.05	0.04	0.24	0.037	0.05	8.1	21.9	0.65	462	2.26	0.01
ZZ78479	1.02	13.9	3.45	5.01	<0.05	0.03	0.04	0.032	0.05	9.2	20.0	0.47	355	1.74	<0.01
ZZ78480	0.48	26.3	2.78	3.48	0.05	0.05	0.27	0.029	0.07	6.9	13.2	0.33	532	1.71	0.01
ZZ78481	0.48	32.4	2.78	3.39	0.05	0.05	0.20	0.031	0.06	7.2	12.8	0.36	506	2.16	0.01
ZZ78482	0.70	19.8	3.18	4.88	<0.05	0.04	0.05	0.032	0.06	5.8	16.1	0.36	515	2.62	0.01
ZZ78483	0.58	19.3	2.30	3.18	0.05	0.05	0.58	0.025	0.05	8.5	10.0	3.17	351	1.30	0.02
ZZ78484	0.41	17.0	2.87	3.77	<0.05	0.04	0.58	0.027	0.06	7.7	13.0	1.13	427	1.95	0.01

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78445		0.76	29.2	520	27.3	11.2	0.001	0.03	1.19	4.1	1.2	0.5	43.9	<0.01	0.04	2.7
ZZ78446		0.53	34.3	510	33.6	9.2	0.001	0.03	1.35	3.8	1.2	0.5	29.8	<0.01	0.05	2.7
ZZ78447		0.51	30.5	710	17.4	6.1	0.001	0.05	0.91	3.1	1.3	0.4	31.4	<0.01	0.05	1.3
ZZ78448		0.81	31.5	780	20.6	7.6	0.003	0.05	0.88	4.2	1.2	0.4	26.1	<0.01	0.04	3.2
ZZ78449		0.66	32.9	760	18.9	8.0	0.002	0.04	0.80	3.8	1.3	0.4	25.3	<0.01	0.05	2.4
ZZ78450		0.47	31.8	800	16.7	6.5	<0.001	0.04	1.07	4.0	1.3	0.4	43.2	<0.01	0.05	2.2
ZZ78451		0.62	33.2	700	18.3	7.6	<0.001	0.03	0.99	4.1	1.4	0.5	27.3	<0.01	0.06	2.7
ZZ78452		1.00	20.0	690	18.8	10.4	<0.001	0.02	0.56	3.1	0.7	0.6	24.5	<0.01	0.04	2.4
ZZ78453		0.79	34.2	560	20.8	8.2	<0.001	0.02	1.00	4.3	1.2	0.5	18.9	<0.01	0.05	3.2
ZZ78454		1.03	38.5	910	19.6	6.8	0.001	0.02	1.03	4.7	1.3	0.4	27.9	<0.01	0.05	3.6
ZZ78455		0.59	32.3	860	17.7	6.2	0.001	0.05	1.14	4.4	1.6	0.4	37.8	<0.01	0.06	1.8
ZZ78456		0.92	19.6	570	15.0	6.8	<0.001	0.06	0.77	2.6	1.2	0.5	46.9	<0.01	0.05	1.1
ZZ78457		0.40	33.8	840	17.5	6.6	0.001	0.05	1.40	4.1	1.5	0.4	46.3	<0.01	0.06	1.8
ZZ78458		0.69	31.2	760	17.3	7.0	0.003	0.05	0.79	3.7	1.6	0.4	27.8	<0.01	0.05	2.5
ZZ78459		0.42	35.2	820	12.9	6.5	0.005	0.12	1.07	2.0	4.8	0.3	55.8	<0.01	0.06	0.5
ZZ78460		0.81	33.2	750	19.1	6.9	0.003	0.04	0.83	3.7	1.1	0.4	23.5	<0.01	0.04	3.2
ZZ78461		0.47	25.0	680	13.4	6.9	0.001	0.09	0.82	2.1	1.6	0.3	28.6	<0.01	0.05	0.7
ZZ78462		0.68	30.3	240	23.2	11.5	<0.001	0.02	0.79	4.3	0.9	0.5	11.8	<0.01	0.05	3.4
ZZ78463		0.27	27.8	990	40.8	7.8	0.001	0.06	1.48	2.5	1.2	0.3	50.3	<0.01	0.04	1.0
ZZ78464		0.80	22.1	650	30.8	8.4	<0.001	0.06	0.87	2.8	0.9	0.5	23.5	<0.01	0.04	1.1
ZZ78465		0.90	19.5	260	19.9	8.7	<0.001	0.02	0.44	3.5	0.4	0.6	12.9	<0.01	0.04	2.8
ZZ78466		0.69	30.0	620	17.2	7.1	<0.001	0.03	0.85	3.7	1.1	0.4	24.4	<0.01	0.04	1.9
ZZ78467		0.58	32.5	700	15.4	7.4	0.004	0.07	0.70	3.2	1.3	0.4	27.3	<0.01	0.05	1.7
ZZ78468		0.59	40.0	830	20.1	6.2	0.001	0.02	0.99	5.1	1.4	0.4	21.8	<0.01	0.04	4.1
ZZ78469		0.63	32.4	530	21.0	6.7	0.001	0.04	0.92	4.7	1.4	0.4	26.5	<0.01	0.05	1.8
ZZ78470		0.51	26.7	620	15.3	5.8	0.001	0.06	0.86	2.5	1.7	0.4	45.2	<0.01	0.03	0.7
ZZ78471		0.63	29.7	660	16.2	6.2	0.003	0.05	0.76	3.3	1.3	0.4	35.1	<0.01	0.05	1.7
ZZ78472		0.61	33.9	730	15.5	6.2	0.002	0.05	1.04	4.2	2.0	0.4	41.8	<0.01	0.04	1.5
ZZ78473		0.71	38.4	790	15.8	6.2	0.001	0.02	1.02	6.0	1.6	0.4	29.2	<0.01	0.07	3.0
ZZ78474		0.54	61.5	830	22.3	8.3	0.002	0.03	1.45	6.3	2.1	0.5	37.8	<0.01	0.07	3.8
ZZ78475		0.58	28.2	690	14.2	5.2	0.003	0.06	0.91	3.1	1.5	0.3	41.8	<0.01	0.05	1.2
ZZ78476		0.51	32.8	750	15.9	5.6	0.006	0.05	1.05	3.8	2.1	0.3	41.6	<0.01	0.02	1.4
ZZ78477		0.43	35.0	950	16.4	5.1	0.001	0.04	1.28	3.9	1.5	0.3	40.7	<0.01	0.03	1.9
ZZ78478		1.24	33.8	340	33.0	9.1	<0.001	0.01	0.60	4.1	1.0	0.4	15.7	<0.01	0.06	2.7
ZZ78479		0.94	29.3	220	19.2	13.2	<0.001	<0.01	0.59	3.4	0.6	0.5	12.4	<0.01	0.04	3.0
ZZ78480		0.61	32.8	630	18.4	7.1	0.003	0.06	0.85	3.6	1.7	0.4	26.5	<0.01	0.04	1.6
ZZ78481		0.65	36.2	770	15.8	6.2	0.002	0.05	1.04	3.7	2.3	0.4	30.3	<0.01	0.04	1.5
ZZ78482		0.86	27.3	450	20.5	7.2	<0.001	0.01	0.65	3.1	0.9	0.5	15.9	<0.01	0.05	2.4
ZZ78483		0.57	25.1	660	49.2	7.7	<0.001	0.05	1.19	2.8	1.3	0.4	51.7	<0.01	0.01	1.0
ZZ78484		0.78	28.6	440	52.1	7.3	<0.001	0.03	0.88	4.0	1.3	0.5	22.7	<0.01	0.04	1.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ78445		0.011	0.26	1.44	73	0.22	12.65	177	1.6
ZZ78446		0.007	0.31	1.45	57	0.26	10.25	227	1.5
ZZ78447		0.007	0.12	1.21	42	0.11	10.45	128	1.2
ZZ78448		0.009	0.14	1.63	43	0.09	11.15	150	2.2
ZZ78449		0.007	0.14	1.76	46	0.10	9.82	163	1.5
ZZ78450		0.008	0.20	1.28	49	0.12	11.50	142	1.3
ZZ78451		0.010	0.16	1.08	59	0.22	10.10	119	1.3
ZZ78452		0.020	0.13	1.41	62	0.25	6.20	115	0.6
ZZ78453		0.007	0.17	0.80	59	0.08	9.24	148	1.2
ZZ78454		0.015	0.13	1.09	49	0.09	12.35	155	1.8
ZZ78455		0.011	0.15	1.53	58	0.15	13.75	129	1.3
ZZ78456		0.014	0.11	1.62	53	0.27	5.46	75	1.0
ZZ78457		0.008	0.23	1.24	51	0.12	13.70	147	1.2
ZZ78458		0.008	0.14	1.00	44	0.08	10.15	157	1.7
ZZ78459		0.005	0.09	2.53	42	0.07	8.40	110	1.1
ZZ78460		0.009	0.14	1.24	43	0.08	9.99	141	1.9
ZZ78461		0.006	0.13	1.49	37	0.09	7.98	142	1.2
ZZ78462		0.007	0.22	1.01	63	0.16	10.30	131	1.5
ZZ78463		0.006	0.41	1.96	65	0.22	12.50	200	1.2
ZZ78464		0.015	0.25	2.70	57	0.18	8.54	158	1.0
ZZ78465		0.013	0.17	1.87	68	0.15	5.09	149	0.9
ZZ78466		0.011	0.12	1.43	53	0.12	9.97	114	1.1
ZZ78467		0.007	0.14	1.48	41	0.07	9.06	148	1.5
ZZ78468		0.013	0.15	1.12	50	0.08	15.10	158	1.1
ZZ78469		0.008	0.16	1.37	65	0.13	16.95	151	1.2
ZZ78470		0.007	0.11	1.28	47	0.10	9.07	82	1.1
ZZ78471		0.006	0.14	1.07	38	0.07	10.10	135	1.5
ZZ78472		0.007	0.22	1.36	45	0.07	12.90	133	1.8
ZZ78473		0.008	0.22	1.30	59	0.08	15.90	125	1.9
ZZ78474		0.006	0.55	1.74	82	0.10	19.80	201	2.5
ZZ78475		0.007	0.13	1.46	38	0.05	9.48	124	1.5
ZZ78476		0.007	0.20	1.19	44	0.06	12.35	137	1.6
ZZ78477		0.008	0.18	1.42	55	0.09	13.00	175	1.5
ZZ78478		0.008	0.21	0.72	52	0.08	8.09	151	1.5
ZZ78479		0.016	0.19	0.69	63	0.19	3.44	127	1.3
ZZ78480		0.006	0.16	2.29	44	0.06	11.15	149	1.5
ZZ78481		0.009	0.14	2.19	44	0.12	11.15	150	1.6
ZZ78482		0.006	0.20	0.71	66	0.11	3.88	137	1.2
ZZ78483		0.010	0.30	2.06	45	0.22	9.24	210	1.3
ZZ78484		0.010	0.28	1.28	60	0.17	8.77	226	1.3

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ78485		0.25	0.002	0.27	1.04	138.0	<0.2	<10	400	0.96	0.21	1.40	1.37	19.70	11.1	20
ZZ78486		0.30	0.003	0.44	1.14	109.5	<0.2	<10	420	1.07	0.21	1.45	1.04	16.50	8.7	21
ZZ78487		0.26	0.002	0.22	1.54	98.3	<0.2	<10	580	1.38	0.21	2.26	2.58	29.1	10.9	24
ZZ78488		0.31	0.002	0.21	1.01	30.0	<0.2	<10	400	0.83	0.21	0.76	0.83	17.65	9.4	19
ZZ78489		0.36	0.003	0.56	1.15	47.9	<0.2	<10	570	1.03	0.23	1.69	0.76	19.00	11.8	22
ZZ78490		0.30	0.002	0.24	1.07	44.7	<0.2	<10	700	0.83	0.22	0.66	1.10	19.20	12.7	20
ZZ78491		0.25	0.003	0.34	1.00	45.2	<0.2	<10	570	0.95	0.21	1.06	0.77	16.40	10.7	21
ZZ78492		0.41	0.003	0.26	1.09	36.5	<0.2	<10	640	0.88	0.22	0.59	0.60	18.85	11.6	22
ZZ78493		0.19	0.002	0.24	0.96	20.5	<0.2	<10	460	0.74	0.21	1.19	0.92	15.80	9.9	18
ZZ78494		0.29	0.004	1.12	0.69	108.5	<0.2	10	1140	0.80	0.19	0.85	2.60	9.00	9.3	20
ZZ78495		0.12	0.005	0.97	0.60	682	<0.2	<10	920	0.64	0.14	2.42	7.45	7.66	20.1	14
ZZ78496		0.37	0.006	0.65	0.77	171	<0.2	<10	100	1.11	0.12	11.20	1.55	14.25	6.4	13
ZZ78497		0.39	0.007	0.99	0.85	162	<0.2	<10	160	1.06	0.12	11.90	1.57	14.30	4.6	15
ZZ78498		0.23	0.003	0.34	1.31	56.6	<0.2	<10	280	0.72	0.26	2.94	0.83	20.1	6.1	19
ZZ78499		0.28	0.008	0.77	0.78	117.5	<0.2	<10	580	0.81	0.19	0.57	0.99	6.67	6.0	22
ZZ78500		0.32	0.007	0.85	0.77	127.5	<0.2	<10	400	0.99	0.17	5.37	2.44	12.90	6.4	17
ZZ78501		0.27	0.005	0.80	0.85	38.3	<0.2	10	940	0.84	0.19	2.08	2.28	14.15	7.3	24
ZZ78502		0.25	0.007	1.19	0.75	84.1	<0.2	<10	730	0.78	0.16	4.07	1.66	13.40	5.5	22
ZZ78503		0.15	0.003	0.47	0.69	31.9	<0.2	10	750	0.51	0.12	4.04	2.21	7.98	4.0	15
ZZ78504		0.24	0.004	0.56	1.22	53.6	<0.2	<10	1030	0.74	0.23	1.66	1.40	21.0	8.6	24
ZZ78505		0.28	0.005	0.86	0.89	66.6	<0.2	10	840	0.97	0.20	2.49	1.65	15.95	7.3	23
ZZ78506		0.50	0.004	0.50	1.36	26.9	<0.2	10	700	0.85	0.23	2.09	1.90	19.55	15.2	26
ZZ78507		0.35	0.005	0.93	1.03	99.1	<0.2	<10	470	0.99	0.20	1.37	2.15	19.30	7.9	24
ZZ78508		0.24	0.004	0.54	0.98	74.2	<0.2	<10	520	0.58	0.22	1.40	1.37	17.70	8.6	21
ZZ78509		0.23	0.004	0.32	1.94	125.5	<0.2	<10	280	1.10	0.27	0.96	0.66	23.7	9.6	37
ZZ78510		0.29	0.002	0.40	2.01	106.0	<0.2	<10	190	1.36	0.26	4.28	1.85	39.5	10.6	33
ZZ78511		0.12	0.004	0.39	1.46	194.5	<0.2	<10	220	1.16	0.21	2.77	4.11	19.55	8.7	23
ZZ78512		0.27	0.002	0.51	1.53	234	<0.2	10	170	1.57	0.17	6.62	4.03	21.5	8.6	23
ZZ78513		0.25	0.005	1.07	0.68	51.8	<0.2	10	1050	0.77	0.18	0.57	2.28	9.57	6.0	23
ZZ78514		0.29	0.004	0.57	1.32	83.3	<0.2	<10	200	1.18	0.19	6.06	1.48	27.5	7.6	27
ZZ78515		0.28	0.004	0.72	1.12	57.1	<0.2	<10	940	0.78	0.23	1.51	1.42	19.10	6.9	24
ZZ78516		0.15	0.004	1.22	0.68	23.1	<0.2	10	1570	0.70	0.18	1.57	0.76	8.64	3.2	23
ZZ78517		0.38	0.004	0.82	0.70	104.5	<0.2	10	660	0.77	0.18	2.95	2.14	11.75	8.0	22
ZZ78518		0.25	0.003	0.69	1.06	39.1	<0.2	10	800	0.73	0.20	1.27	1.72	18.60	7.6	27
ZZ78519		0.29	0.005	0.79	1.16	71.6	<0.2	<10	810	0.84	0.18	2.99	1.78	18.30	8.5	28
ZZ78520		0.13	0.002	0.46	0.91	32.2	<0.2	<10	1180	0.66	0.13	3.62	1.86	12.45	6.3	18
ZZ78521		0.25	0.002	0.61	0.84	38.4	<0.2	<10	540	0.67	0.18	1.70	0.95	13.20	6.5	20
ZZ78522		0.17	0.002	1.05	0.52	57.8	<0.2	10	1220	0.65	0.16	1.42	1.14	5.38	5.5	22
ZZ78523		0.19	0.004	0.85	0.80	39.3	<0.2	10	1050	0.52	0.16	1.40	0.66	9.22	5.5	22
ZZ78524		0.36	0.003	0.32	1.10	47.3	<0.2	<10	790	0.64	0.21	1.20	0.63	16.80	7.3	21

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method / Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ78485	0.48	34.6	2.98	3.57	0.06	0.05	0.71	0.030	0.05	9.7	14.4	0.69	442	2.18	0.01
ZZ78486	0.54	28.3	2.65	3.75	0.05	0.05	0.51	0.030	0.05	8.4	12.8	0.42	406	1.62	0.01
ZZ78487	0.63	26.4	3.68	4.77	0.07	0.04	0.47	0.036	0.05	14.2	10.3	0.66	880	3.58	0.01
ZZ78488	0.62	28.8	2.56	3.62	<0.05	0.06	0.24	0.028	0.06	7.6	14.1	0.33	96	1.41	0.01
ZZ78489	0.63	42.5	3.22	3.96	0.07	0.05	0.38	0.033	0.05	11.7	14.5	0.56	472	2.57	0.01
ZZ78490	0.54	27.8	3.09	3.85	0.05	0.05	0.15	0.027	0.06	8.5	14.8	0.32	309	2.56	0.01
ZZ78491	0.42	35.3	2.95	3.51	0.05	0.04	0.30	0.032	0.06	7.8	14.0	0.42	516	2.77	0.01
ZZ78492	0.49	37.1	3.06	3.90	0.06	0.04	0.21	0.030	0.06	8.5	15.2	0.32	589	2.90	0.01
ZZ78493	0.52	29.5	2.16	3.46	0.05	0.05	0.29	0.028	0.07	6.9	14.3	0.35	425	1.34	0.01
ZZ78494	1.05	51.6	4.13	2.45	0.07	0.06	0.30	0.028	0.07	4.4	6.1	0.14	503	8.95	0.01
ZZ78495	0.45	26.6	4.37	1.99	0.05	0.06	0.82	0.018	0.05	3.8	4.3	0.18	4450	11.90	0.01
ZZ78496	0.52	14.0	1.73	2.40	<0.05	0.03	7.17	0.017	0.05	7.0	7.7	5.97	551	1.44	0.02
ZZ78497	0.58	12.5	1.62	2.46	0.05	0.04	2.97	0.021	0.04	10.3	6.0	6.25	348	1.65	0.01
ZZ78498	1.63	6.7	2.26	5.52	<0.05	0.02	1.41	0.022	0.04	9.6	10.0	1.62	287	1.16	0.01
ZZ78499	0.99	25.7	2.45	2.54	<0.05	0.03	0.83	0.036	0.07	3.5	4.8	0.17	215	4.28	0.01
ZZ78500	0.61	29.5	2.17	2.58	0.05	0.03	2.20	0.024	0.06	6.4	8.6	2.73	295	3.56	0.01
ZZ78501	0.74	58.2	1.93	3.01	0.06	0.07	0.84	0.032	0.09	6.6	10.2	0.78	129	2.43	0.01
ZZ78502	0.99	36.2	1.87	2.52	<0.05	0.03	1.69	0.026	0.06	6.5	6.8	1.71	206	3.00	0.01
ZZ78503	0.59	27.7	1.23	2.19	0.06	0.04	0.44	0.015	0.04	11.3	5.3	0.15	275	1.22	0.01
ZZ78504	0.73	33.3	2.28	4.25	<0.05	0.03	0.81	0.029	0.05	10.7	10.3	0.34	493	1.77	0.01
ZZ78505	0.56	49.6	2.03	3.13	<0.05	0.05	2.12	0.027	0.06	7.7	10.3	0.68	220	2.10	0.01
ZZ78506	1.55	67.0	3.67	3.88	0.06	0.11	0.33	0.037	0.13	8.7	21.8	0.92	338	2.93	0.01
ZZ78507	1.00	30.0	2.99	3.08	<0.05	0.04	1.14	0.037	0.08	8.3	9.9	0.64	514	4.99	0.01
ZZ78508	1.33	23.0	2.58	3.45	<0.05	0.03	1.62	0.029	0.07	6.4	10.8	0.33	387	3.06	0.01
ZZ78509	1.40	16.5	3.22	5.47	<0.05	0.05	0.77	0.039	0.06	9.2	16.3	0.57	454	2.28	0.01
ZZ78510	1.22	13.1	3.14	5.84	0.06	0.06	0.58	0.037	0.06	26.3	13.3	2.65	826	1.61	0.01
ZZ78511	1.08	19.0	2.40	4.66	<0.05	0.04	1.26	0.027	0.04	12.1	10.7	0.62	940	1.07	0.01
ZZ78512	0.83	17.1	2.44	4.05	<0.05	0.07	2.43	0.028	0.06	10.0	12.7	3.44	1130	1.44	0.01
ZZ78513	1.01	53.0	2.01	2.02	0.05	0.03	0.33	0.033	0.09	4.8	5.6	0.13	101	4.33	0.01
ZZ78514	0.82	8.0	2.47	3.17	<0.05	0.03	2.70	0.027	0.05	13.7	11.6	3.25	429	0.96	0.01
ZZ78515	1.33	22.2	2.42	3.89	<0.05	0.03	0.89	0.029	0.05	8.3	11.5	0.36	246	2.73	0.01
ZZ78516	0.81	29.9	1.16	2.25	<0.05	0.05	1.02	0.027	0.07	4.4	5.9	0.17	290	1.36	0.01
ZZ78517	0.72	39.8	2.77	2.23	0.05	0.05	1.12	0.036	0.10	5.4	8.6	1.23	142	4.07	0.01
ZZ78518	0.60	37.6	2.23	3.17	<0.05	0.05	0.55	0.030	0.08	8.9	14.2	0.44	102	2.35	0.01
ZZ78519	0.61	38.9	2.46	3.30	<0.05	0.05	1.33	0.028	0.06	8.7	12.7	0.80	344	1.92	0.01
ZZ78520	0.60	34.9	1.85	2.49	<0.05	0.03	0.74	0.018	0.04	6.5	7.4	0.26	616	1.29	0.01
ZZ78521	0.68	26.4	2.02	2.70	<0.05	0.03	0.35	0.025	0.08	6.4	14.2	0.24	262	3.00	0.01
ZZ78522	0.64	40.1	2.16	1.65	<0.05	0.04	0.63	0.030	0.06	2.9	3.8	0.11	201	3.67	0.01
ZZ78523	0.87	22.5	2.08	2.47	<0.05	0.03	0.60	0.026	0.06	4.4	7.8	0.22	212	3.37	0.01
ZZ78524	0.87	20.3	2.29	3.91	<0.05	0.03	0.59	0.027	0.06	7.6	11.4	0.33	235	2.32	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78485		0.81	39.7	470	31.5	5.7	<0.001	0.02	1.12	4.6	2.0	0.4	21.6	<0.01	0.05	2.2
ZZ78486		0.58	34.6	840	31.9	6.8	<0.001	0.05	1.17	3.3	1.7	0.4	27.9	<0.01	0.02	1.1
ZZ78487		0.34	35.0	560	35.5	4.8	0.001	0.04	1.29	5.1	2.1	0.6	44.8	<0.01	0.08	1.4
ZZ78488		0.74	33.6	730	18.1	7.2	0.002	0.03	0.71	3.8	1.3	0.4	24.3	<0.01	0.03	2.6
ZZ78489		0.72	39.7	720	21.0	6.5	0.001	0.03	0.90	6.2	1.9	0.4	36.7	<0.01	0.05	2.6
ZZ78490		0.91	33.6	720	17.6	6.8	0.001	0.02	0.88	3.9	1.9	0.4	25.2	<0.01	0.04	2.3
ZZ78491		0.71	36.5	600	19.6	5.4	0.002	0.03	1.08	4.2	1.8	0.4	31.4	<0.01	0.05	1.8
ZZ78492		0.74	37.9	570	17.9	6.2	<0.001	0.02	0.85	4.6	1.3	0.4	24.5	<0.01	0.03	2.5
ZZ78493		0.70	32.0	710	17.0	6.4	0.003	0.05	0.72	3.6	1.8	0.4	33.8	<0.01	0.04	1.6
ZZ78494		0.20	74.8	940	13.7	7.7	0.016	0.11	1.68	5.3	8.0	0.4	75.9	<0.01	0.08	1.7
ZZ78495		0.21	35.7	1470	34.4	5.3	0.012	0.22	2.03	2.4	12.5	0.3	49.8	<0.01	0.05	0.6
ZZ78496		0.32	20.8	840	101.0	5.7	<0.001	0.03	1.16	2.1	1.2	0.2	69.7	<0.01	0.03	0.7
ZZ78497		0.21	18.2	1010	81.1	7.3	<0.001	0.05	1.32	2.2	1.6	0.3	70.0	<0.01	0.02	0.5
ZZ78498		1.22	13.4	320	31.2	8.9	<0.001	0.03	0.60	2.4	0.7	0.6	24.5	<0.01	0.04	1.2
ZZ78499		0.18	50.5	420	27.4	10.1	<0.001	0.03	0.90	5.5	2.7	0.4	32.6	<0.01	0.09	1.2
ZZ78500		0.29	37.2	630	101.0	6.2	0.001	0.04	1.69	4.1	2.1	0.4	62.3	<0.01	0.04	1.3
ZZ78501		0.25	40.7	840	25.2	7.1	0.006	0.12	1.40	5.7	5.2	0.4	71.4	<0.01	0.06	1.7
ZZ78502		0.39	38.5	850	31.0	6.8	0.001	0.05	1.58	4.8	3.0	0.4	61.5	<0.01	0.04	0.8
ZZ78503		0.36	21.9	980	11.0	7.4	0.002	0.16	0.88	1.2	3.5	0.3	54.9	<0.01	0.04	0.2
ZZ78504		0.76	30.5	750	20.3	7.5	0.001	0.06	0.97	3.0	2.0	0.5	39.6	<0.01	0.03	0.9
ZZ78505		0.47	35.5	790	34.0	6.4	0.002	0.07	1.42	4.2	2.7	0.4	67.8	<0.01	0.06	0.9
ZZ78506		0.30	47.1	830	18.7	7.6	0.002	0.09	1.33	6.1	2.1	0.4	70.3	<0.01	0.09	3.2
ZZ78507		0.27	41.3	640	99.8	9.4	0.001	0.05	2.10	4.8	2.2	0.5	30.8	<0.01	0.11	1.9
ZZ78508		0.68	28.0	600	42.3	9.4	0.001	0.06	1.74	2.7	1.7	0.5	23.6	<0.01	0.07	1.4
ZZ78509		0.97	32.1	510	49.6	10.6	0.001	0.04	1.04	4.1	1.1	0.6	20.4	<0.01	0.05	2.6
ZZ78510		0.94	27.0	440	68.6	10.4	<0.001	0.04	1.05	5.7	0.9	0.7	30.8	<0.01	0.04	2.5
ZZ78511		0.81	21.0	900	65.6	8.3	<0.001	0.10	1.14	2.1	1.4	0.5	28.1	<0.01	0.02	0.6
ZZ78512		0.43	24.4	1040	122.0	9.5	0.001	0.09	1.38	2.6	0.7	0.5	43.3	<0.01	0.03	0.8
ZZ78513		0.15	62.5	960	14.8	8.4	0.009	0.05	1.45	4.8	4.7	0.4	58.2	<0.01	0.08	1.4
ZZ78514		0.66	20.9	1040	52.7	7.0	0.001	0.06	0.86	2.5	0.6	0.4	39.5	<0.01	0.01	1.0
ZZ78515		0.65	27.1	550	27.3	8.2	0.001	0.06	1.25	3.1	2.2	0.5	23.9	<0.01	0.06	1.1
ZZ78516		0.24	22.1	750	17.5	5.9	0.011	0.11	0.93	3.7	3.6	0.4	57.5	<0.01	0.05	0.6
ZZ78517		0.22	46.1	740	34.0	6.6	0.007	0.16	1.66	5.4	3.2	0.4	74.8	<0.01	0.08	2.1
ZZ78518		0.54	39.6	740	21.2	6.7	0.003	0.07	1.22	4.8	2.3	0.4	57.5	<0.01	0.07	2.4
ZZ78519		0.51	34.2	960	32.3	6.3	0.002	0.09	1.19	4.1	2.2	0.4	67.2	<0.01	0.07	1.0
ZZ78520		0.44	25.5	880	17.4	4.7	0.001	0.13	0.88	1.7	1.9	0.3	80.0	<0.01	0.04	0.3
ZZ78521		0.44	34.1	760	13.2	6.5	0.003	0.11	1.29	2.9	2.4	0.4	96.0	<0.01	0.08	0.8
ZZ78522		0.11	76.8	810	18.4	5.2	0.008	0.10	1.15	4.2	4.6	0.3	86.7	<0.01	0.10	0.7
ZZ78523		0.30	28.5	700	13.4	5.3	0.003	0.06	1.31	2.9	2.6	0.4	49.4	<0.01	0.07	0.8
ZZ78524		0.78	25.2	410	30.7	7.9	0.001	0.05	1.22	2.5	1.4	0.5	21.8	<0.01	0.07	1.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ78485		0.009	0.32	1.22	47	0.11	14.80	180	1.5
ZZ78486		0.008	0.26	2.06	52	0.14	13.40	191	1.2
ZZ78487		<0.005	0.32	1.31	124	0.16	21.5	185	1.1
ZZ78488		0.007	0.14	1.14	43	0.10	10.85	141	1.9
ZZ78489		0.007	0.22	1.36	52	0.08	21.3	140	1.6
ZZ78490		0.009	0.14	1.84	52	0.10	10.50	127	1.5
ZZ78491		0.007	0.15	1.13	55	0.08	12.75	132	1.4
ZZ78492		0.008	0.16	0.98	57	0.07	12.35	121	1.5
ZZ78493		0.007	0.14	1.43	43	0.16	11.00	138	1.6
ZZ78494		<0.005	0.21	3.92	75	0.07	19.25	298	2.2
ZZ78495		<0.005	0.22	20.2	62	0.17	10.40	230	1.8
ZZ78496		0.009	0.81	1.21	33	0.19	9.24	294	0.9
ZZ78497		0.005	0.48	1.36	43	0.18	16.15	253	1.1
ZZ78498		0.020	0.35	1.17	56	0.32	4.62	183	0.9
ZZ78499		<0.005	0.31	1.30	63	0.12	14.00	232	1.5
ZZ78500		0.005	0.45	1.65	53	0.13	14.80	341	1.4
ZZ78501		<0.005	0.20	1.99	68	0.19	18.90	192	2.9
ZZ78502		0.008	0.30	2.18	57	0.20	17.20	195	1.2
ZZ78503		0.007	0.13	2.52	35	0.06	21.2	154	1.2
ZZ78504		0.016	0.16	1.95	57	0.14	10.95	131	0.9
ZZ78505		0.009	0.18	2.01	64	0.18	17.00	176	1.6
ZZ78506		0.007	0.22	1.57	64	0.05	13.30	193	3.9
ZZ78507		<0.005	0.46	1.88	94	0.11	15.65	292	1.3
ZZ78508		0.017	0.38	1.40	72	0.18	5.32	247	0.9
ZZ78509		0.013	0.63	1.73	84	0.23	5.77	205	1.5
ZZ78510		0.022	0.45	1.23	69	0.27	21.6	416	1.6
ZZ78511		0.020	0.51	3.69	54	0.22	11.05	401	1.1
ZZ78512		0.009	0.70	1.86	58	0.20	11.35	589	1.4
ZZ78513		<0.005	0.21	3.19	74	0.05	18.35	293	1.1
ZZ78514		0.017	0.60	2.22	47	0.27	8.74	253	0.7
ZZ78515		0.011	0.35	1.68	73	0.17	9.77	155	1.1
ZZ78516		<0.005	0.23	3.38	51	0.08	15.55	107	1.5
ZZ78517		<0.005	0.32	1.70	77	0.09	16.30	266	1.9
ZZ78518		0.010	0.18	1.72	74	0.23	14.05	202	1.8
ZZ78519		0.010	0.20	2.10	67	0.13	14.65	160	1.5
ZZ78520		0.011	0.10	4.93	42	0.08	11.25	89	0.9
ZZ78521		0.010	0.19	3.95	58	0.11	8.95	152	1.0
ZZ78522		<0.005	0.13	3.02	51	<0.05	16.85	261	1.4
ZZ78523		0.006	0.21	1.56	61	0.11	7.74	132	1.1
ZZ78524		0.014	0.22	1.78	68	0.18	5.40	139	0.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78525		0.27	0.002	0.64	1.04	114.5	<0.2	<10	230	0.77	0.16	6.40	2.00	16.25	5.5	17
ZZ78526		0.25	0.005	1.23	1.32	181.5	<0.2	<10	200	1.35	0.24	5.74	3.34	23.9	8.0	25
ZZ78527		0.29	0.004	0.74	0.92	52.0	<0.2	10	910	0.88	0.14	3.87	1.06	12.00	6.4	20
ZZ78528		0.22	0.003	1.24	0.70	37.2	<0.2	10	970	0.76	0.17	2.03	1.03	6.96	3.2	29
ZZ78529		0.26	0.004	1.52	0.55	57.7	<0.2	10	1040	0.82	0.17	2.08	0.86	5.77	5.5	24
ZZ78530		0.36	0.004	1.06	0.69	48.6	<0.2	10	850	0.68	0.15	2.32	1.03	9.01	5.8	21
ZZ78531		0.17	0.002	0.52	0.64	164	<0.2	10	770	0.57	0.10	15.65	7.60	6.40	22.1	16
ZZ78532		0.31	0.005	1.10	0.92	83.8	<0.2	10	1000	0.87	0.17	1.75	1.44	13.70	7.1	27
ZZ78533		0.24	0.004	1.01	0.91	71.2	<0.2	10	960	0.76	0.18	2.27	2.90	14.70	10.4	25
ZZ78534		0.25	0.004	0.99	0.73	52.4	<0.2	10	820	0.79	0.19	1.58	2.44	12.35	9.0	22
ZZ78535		0.35	0.004	0.65	1.13	34.9	<0.2	10	910	0.99	0.23	1.26	1.16	18.30	11.7	25
ZZ78536		0.12	0.002	1.35	0.63	58.4	<0.2	10	1160	0.52	0.13	1.79	1.01	4.44	5.3	22
ZZ78538		0.31	0.004	0.76	0.96	76.3	<0.2	<10	670	0.86	0.17	5.89	1.80	17.25	7.4	23
ZZ78539		0.35	0.005	1.25	0.50	201	<0.2	<10	360	0.74	0.11	13.65	1.73	7.42	4.6	15
ZZ78540		0.25	0.007	1.14	1.13	220	<0.2	<10	240	0.96	0.20	6.13	2.91	19.50	8.7	24
ZZ78541		0.37	0.004	1.13	0.69	279	<0.2	<10	320	0.89	0.15	8.50	1.75	13.35	6.4	20
ZZ78542		0.14	0.001	0.93	0.49	44.2	<0.2	10	1430	0.56	0.14	0.97	0.45	3.64	4.3	21
ZZ78543		0.21	0.004	1.51	0.48	50.0	<0.2	10	760	0.66	0.17	1.33	1.21	4.97	5.0	19
ZZ78544		0.16	0.003	1.73	0.44	58.4	<0.2	10	820	0.56	0.17	1.09	1.45	3.79	7.2	19
ZZ78545		0.13	0.001	0.46	0.53	43.7	<0.2	20	1290	0.41	0.12	3.40	9.49	5.85	20.9	10
ZZ78546		0.23	0.002	0.81	0.97	76.0	<0.2	<10	1070	0.67	0.17	1.69	1.54	9.42	7.1	23
ZZ78547		0.18	0.003	1.26	0.57	30.6	<0.2	10	890	0.54	0.16	1.44	1.17	6.41	5.3	19
ZZ78548		0.14	0.003	1.36	0.57	32.2	<0.2	10	790	0.60	0.15	1.68	0.68	5.01	7.3	18
ZZ78549		0.10	0.004	2.12	0.36	41.1	<0.2	10	760	0.52	0.16	1.86	1.19	3.21	4.4	16
ZZ78550		0.27	0.005	1.11	0.93	109.5	<0.2	<10	880	0.73	0.19	2.31	0.76	15.15	6.5	23
ZZ78551		0.14	0.002	0.72	0.54	30.9	<0.2	10	1000	0.43	0.11	3.28	1.31	6.19	4.6	13
ZZ78552		0.21	0.004	1.40	0.59	205	<0.2	<10	580	0.64	0.17	3.28	2.03	7.28	6.1	20
ZZ78553		0.33	0.004	1.25	0.51	10.4	<0.2	<10	740	0.46	0.17	1.82	0.32	8.92	3.1	19
ZZ78554		0.34	0.001	0.37	0.62	8.3	<0.2	<10	590	0.46	0.19	1.02	0.33	9.54	5.3	14
ZZ78555		0.30	0.001	0.56	1.03	14.3	<0.2	<10	960	0.47	0.22	0.89	0.86	18.45	9.1	23
ZZ78556		0.33	0.002	0.68	1.04	22.3	<0.2	<10	420	0.48	0.24	0.49	0.47	19.80	6.3	24
ZZ78557		0.32	0.001	0.77	0.83	21.7	<0.2	<10	660	0.42	0.22	1.20	0.84	15.10	7.1	21
ZZ78558		0.24	0.001	0.53	0.57	14.6	<0.2	<10	730	0.45	0.12	3.50	0.81	12.80	3.9	18
ZZ78559		0.19	0.001	0.50	0.85	44.1	<0.2	<10	540	0.71	0.22	2.58	1.38	19.05	7.5	22
ZZ78560		0.34	0.002	0.56	1.29	114.0	<0.2	<10	490	0.90	0.26	1.64	1.71	22.3	8.9	32
ZZ78561		0.18	0.001	0.38	1.29	113.5	<0.2	<10	700	0.77	0.21	1.50	1.13	16.40	7.5	31
ZZ78562		0.30	0.002	0.23	1.08	43.4	<0.2	<10	530	0.75	0.20	1.68	0.60	18.30	7.1	21
ZZ78563		0.44	0.002	0.29	0.86	62.0	<0.2	<10	310	0.71	0.20	3.15	0.65	16.95	8.8	19
ZZ78564		0.24	<0.001	0.29	0.62	32.6	<0.2	10	710	0.48	0.12	4.32	0.85	8.26	5.0	13
ZZ78565		0.14	<0.001	0.21	0.62	21.7	<0.2	10	690	0.45	0.12	3.88	1.10	7.84	4.7	11

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78525	0.99	11.4	1.86	2.91	<0.05	0.02	1.90	0.021	0.04	7.5	6.8	2.82	630	1.05	0.01
ZZ78526	1.13	14.7	2.74	4.06	<0.05	0.03	6.76	0.037	0.06	12.5	11.3	2.68	550	2.29	0.01
ZZ78527	0.55	27.3	2.04	2.53	<0.05	0.04	1.06	0.028	0.06	6.5	9.1	1.27	341	1.86	0.01
ZZ78528	0.56	45.4	1.46	2.03	<0.05	0.06	0.66	0.030	0.07	3.8	5.2	0.51	210	1.48	0.01
ZZ78529	0.69	44.0	2.10	1.85	<0.05	0.04	0.60	0.033	0.07	3.3	3.4	0.57	148	4.08	0.01
ZZ78530	1.13	42.2	2.11	2.11	<0.05	0.05	1.38	0.031	0.09	4.8	6.7	0.63	240	4.06	0.01
ZZ78531	0.74	27.9	4.11	1.81	<0.05	0.04	0.46	0.015	0.04	3.2	5.0	0.25	3280	4.18	0.01
ZZ78532	0.66	51.8	2.19	2.67	<0.05	0.04	1.48	0.031	0.08	6.8	10.2	0.39	362	3.14	0.01
ZZ78533	0.77	39.4	1.92	2.78	<0.05	0.03	1.01	0.035	0.06	7.4	8.9	0.40	2190	2.00	0.01
ZZ78534	0.98	56.8	1.81	2.44	0.05	0.06	0.53	0.037	0.11	5.6	9.0	0.27	108	4.66	0.01
ZZ78535	1.08	58.4	3.16	3.68	0.05	0.08	0.44	0.036	0.13	7.9	17.1	0.54	191	3.83	0.01
ZZ78536	0.46	37.0	1.76	1.83	<0.05	0.03	0.70	0.028	0.06	2.4	3.6	0.12	723	2.55	0.01
ZZ78538	0.70	32.2	2.06	2.69	<0.05	0.04	2.57	0.023	0.07	8.3	10.8	3.12	268	1.39	0.01
ZZ78539	0.73	22.2	1.50	1.54	<0.05	0.03	4.37	0.021	0.06	3.7	4.6	5.39	269	2.94	0.01
ZZ78540	1.02	17.0	2.32	3.47	<0.05	0.03	13.25	0.029	0.06	8.4	9.0	3.03	579	2.61	0.01
ZZ78541	0.59	20.8	2.07	2.04	<0.05	0.04	6.73	0.027	0.06	6.0	6.1	4.03	374	3.41	0.01
ZZ78542	0.53	36.1	1.93	1.47	<0.05	0.02	0.30	0.025	0.06	2.1	2.4	0.07	170	3.68	0.01
ZZ78543	0.52	56.5	1.84	1.50	0.10	0.04	0.82	0.031	0.06	2.8	3.0	0.09	67	3.28	0.01
ZZ78544	0.83	48.2	2.68	1.28	0.11	0.04	0.25	0.028	0.05	2.2	2.6	0.07	372	6.82	0.01
ZZ78545	0.61	42.1	7.57	1.80	0.10	0.05	0.19	0.018	0.06	3.0	5.3	0.20	16100	18.45	0.02
ZZ78546	0.77	37.9	2.10	2.90	0.09	0.04	0.49	0.027	0.05	5.7	7.2	0.20	940	4.34	0.01
ZZ78547	0.73	39.0	2.28	1.68	0.09	0.04	0.33	0.028	0.06	3.4	4.6	0.13	356	3.30	0.01
ZZ78548	0.64	37.5	2.01	1.67	0.09	0.05	0.21	0.024	0.05	2.8	3.9	0.10	358	3.21	0.01
ZZ78549	0.52	50.3	1.90	1.00	0.09	0.04	0.29	0.025	0.06	1.9	2.3	0.10	243	2.32	0.01
ZZ78550	0.65	30.8	2.01	2.97	0.09	0.04	2.28	0.028	0.05	8.0	9.2	0.43	340	1.85	0.01
ZZ78551	0.66	28.8	1.35	1.64	0.09	0.04	7.59	0.019	0.05	2.8	5.2	0.28	249	1.76	0.01
ZZ78552	0.56	27.7	2.03	1.87	0.08	0.05	3.01	0.031	0.06	3.4	4.1	0.77	417	3.62	0.01
ZZ78553	1.30	30.9	1.54	1.80	0.10	0.02	0.13	0.025	0.05	6.6	3.2	0.06	118	2.04	0.01
ZZ78554	2.02	24.7	1.70	2.30	0.09	0.02	0.08	0.026	0.05	5.6	4.0	0.09	224	1.07	0.01
ZZ78555	5.04	22.4	2.29	3.35	0.10	<0.02	0.09	0.028	0.06	12.9	6.3	0.14	623	1.32	0.01
ZZ78556	3.61	21.4	2.27	3.35	0.10	0.02	0.08	0.034	0.06	13.9	8.6	0.22	208	1.43	0.01
ZZ78557	2.05	19.7	2.13	2.80	0.08	0.02	0.10	0.033	0.05	6.2	7.2	0.17	337	1.56	0.01
ZZ78558	0.82	14.0	1.47	1.52	0.10	0.03	0.11	0.021	0.03	16.5	4.4	0.12	230	0.98	0.01
ZZ78559	0.75	21.0	2.19	2.44	0.11	0.04	0.09	0.032	0.10	23.6	6.8	0.19	349	1.15	0.01
ZZ78560	1.83	21.4	2.49	3.83	0.11	0.05	0.08	0.031	0.08	26.5	8.6	0.26	473	1.84	0.01
ZZ78561	1.92	18.3	2.09	3.95	0.09	0.06	0.12	0.031	0.08	12.7	8.6	0.19	316	1.98	0.01
ZZ78562	0.57	17.0	2.50	3.29	0.10	0.04	0.15	0.029	0.07	13.4	9.6	0.28	399	1.38	0.01
ZZ78563	0.71	23.4	2.53	2.65	0.09	0.04	0.20	0.029	0.10	11.6	12.3	0.63	370	1.79	0.01
ZZ78564	0.55	27.6	1.42	1.71	0.08	0.04	0.30	0.020	0.06	6.8	6.4	0.28	300	1.03	0.02
ZZ78565	0.59	23.2	1.30	1.83	0.09	0.03	0.23	0.017	0.05	6.6	5.7	0.17	222	0.85	0.02

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Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78525		0.61	14.6	780	91.4	6.4	<0.001	0.08	1.08	1.7	0.5	0.4	38.6	<0.01	0.02	0.4
ZZ78526		0.56	25.8	750	168.0	8.9	0.001	0.06	2.64	3.6	1.4	0.5	41.7	<0.01	0.06	0.9
ZZ78527		0.28	30.4	840	31.0	5.4	<0.001	0.08	1.17	2.8	1.9	0.3	40.1	<0.01	0.06	0.5
ZZ78528		0.16	31.3	850	19.3	5.4	0.011	0.09	1.07	5.4	4.5	0.4	65.2	<0.01	0.08	1.0
ZZ78529		0.10	67.3	920	18.0	6.5	0.005	0.07	1.08	5.3	3.5	0.4	110.5	<0.01	0.09	1.1
ZZ78530		0.19	40.6	920	15.2	6.2	0.002	0.09	1.73	4.2	3.2	0.4	81.0	<0.01	0.09	0.9
ZZ78531		0.20	69.5	900	9.3	6.1	0.003	0.31	1.17	2.4	2.3	0.2	226	<0.01	0.04	0.4
ZZ78532		0.27	44.1	940	24.2	6.3	0.002	0.07	1.54	4.5	2.3	0.4	60.6	<0.01	0.08	0.9
ZZ78533		0.34	63.0	1100	22.3	8.8	0.001	0.09	1.19	2.7	2.5	0.4	52.0	<0.01	0.06	0.5
ZZ78534		0.22	64.4	850	17.7	7.5	0.016	0.19	2.24	5.0	5.3	0.4	95.3	<0.01	0.10	1.5
ZZ78535		0.24	45.9	840	19.4	8.8	0.005	0.09	1.34	6.4	1.8	0.5	75.0	<0.01	0.09	2.9
ZZ78536		0.12	68.2	850	15.6	5.2	0.008	0.11	0.97	3.2	4.6	0.3	89.7	<0.01	0.07	0.5
ZZ78538		0.43	30.7	850	68.8	6.3	0.001	0.05	1.21	4.1	1.3	0.4	48.9	<0.01	0.03	1.5
ZZ78539		0.10	27.6	630	96.0	4.9	0.001	0.04	1.76	3.2	2.0	0.3	82.0	<0.01	0.07	0.9
ZZ78540		0.56	29.5	870	148.5	7.8	0.001	0.07	2.26	3.3	1.5	0.5	44.5	<0.01	0.05	0.9
ZZ78541		0.20	32.8	960	114.0	5.2	0.002	0.06	2.31	3.1	1.9	0.3	69.4	<0.01	0.04	0.8
ZZ78542		0.08	51.0	760	10.8	5.3	0.006	0.08	0.78	3.9	4.2	0.3	74.6	<0.01	0.09	0.6
ZZ78543		0.11	57.4	870	15.8	5.0	0.005	0.06	1.25	4.1	4.0	0.4	92.7	<0.01	0.11	0.6
ZZ78544		0.08	59.7	980	10.4	6.0	0.027	0.10	1.13	4.3	7.8	0.4	122.0	<0.01	0.12	0.8
ZZ78545		0.14	106.0	1010	6.7	5.6	0.011	0.25	2.20	2.0	4.9	0.3	165.0	<0.01	0.05	0.4
ZZ78546		0.24	33.8	1100	11.7	6.4	0.008	0.09	1.30	2.6	2.5	0.4	59.2	<0.01	0.08	0.4
ZZ78547		0.13	42.7	880	10.8	5.8	0.014	0.09	1.03	4.0	5.4	0.4	82.2	<0.01	0.08	0.8
ZZ78548		0.13	44.4	1020	10.1	6.2	0.014	0.11	0.93	2.8	5.1	0.3	109.5	<0.01	0.13	0.5
ZZ78549		0.07	66.9	960	10.9	5.5	0.011	0.14	1.27	3.5	6.3	0.3	125.0	<0.01	0.14	0.5
ZZ78550		0.51	32.2	840	32.7	6.1	0.002	0.07	1.26	3.1	2.3	0.5	45.7	<0.01	0.03	0.7
ZZ78551		0.17	24.8	780	12.6	4.8	0.005	0.16	1.29	1.6	5.3	0.3	85.0	<0.01	0.06	0.3
ZZ78552		0.16	43.2	980	58.2	6.0	0.005	0.08	1.97	3.0	4.0	0.4	67.6	<0.01	0.05	0.5
ZZ78553		0.24	31.9	1020	8.1	6.8	0.001	0.13	0.96	1.6	3.2	0.3	76.0	<0.01	0.08	0.3
ZZ78554		0.33	28.1	830	9.5	9.2	0.002	0.07	0.81	1.7	1.2	0.4	43.0	<0.01	0.08	0.4
ZZ78555		0.53	33.1	1010	11.8	14.1	0.001	0.08	0.84	2.1	1.2	0.5	32.7	<0.01	0.07	0.4
ZZ78556		0.43	31.9	830	11.6	10.5	<0.001	0.04	0.77	2.1	1.6	0.4	22.7	<0.01	0.13	0.5
ZZ78557		0.45	27.5	1030	11.8	8.7	0.001	0.10	0.88	1.7	1.6	0.4	36.8	<0.01	0.08	0.4
ZZ78558		0.28	17.7	1320	6.4	4.6	<0.001	0.18	0.46	1.0	1.2	0.2	58.3	<0.01	0.03	0.3
ZZ78559		0.36	32.3	1150	12.8	6.0	0.001	0.11	0.71	1.8	1.9	0.4	39.7	<0.01	0.10	0.5
ZZ78560		0.56	39.6	730	15.1	11.5	0.001	0.06	0.90	3.6	2.2	0.5	36.3	<0.01	0.11	1.1
ZZ78561		0.53	34.3	770	12.0	10.3	<0.001	0.05	0.74	3.1	1.8	0.5	42.7	<0.01	0.04	0.9
ZZ78562		0.43	24.2	570	14.4	7.1	0.001	0.05	0.54	3.4	1.3	0.4	30.8	<0.01	0.05	1.1
ZZ78563		0.34	34.3	760	14.5	6.9	0.001	0.03	0.69	4.5	1.4	0.4	43.8	<0.01	0.03	2.4
ZZ78564		0.27	25.3	920	8.4	5.5	0.001	0.13	0.77	1.3	1.7	0.3	65.4	<0.01	0.03	0.3
ZZ78565		0.30	17.4	980	7.8	5.6	0.001	0.16	0.70	1.1	1.2	0.3	58.1	<0.01	0.03	0.3

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Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78525		0.018	0.33	2.63	40	0.15	6.59	277	0.7
ZZ78526		0.011	0.54	2.37	65	0.22	12.85	525	0.8
ZZ78527		0.005	0.21	2.06	58	0.11	14.80	176	1.0
ZZ78528		<0.005	0.11	2.67	58	0.05	18.75	179	2.1
ZZ78529		<0.005	0.13	2.41	58	0.05	21.7	222	1.5
ZZ78530		<0.005	0.30	3.06	67	0.12	16.20	200	1.4
ZZ78531		0.006	0.60	2.12	53	0.10	9.45	388	1.1
ZZ78532		0.006	0.21	2.84	64	0.09	16.15	178	1.2
ZZ78533		0.009	0.57	2.64	56	0.16	13.30	163	0.9
ZZ78534		<0.005	0.30	4.53	78	0.07	17.15	229	2.3
ZZ78535		<0.005	0.29	1.59	71	0.06	15.30	215	2.8
ZZ78536		<0.005	0.12	2.42	53	<0.05	13.30	220	1.1
ZZ78538		0.009	0.38	1.60	54	0.14	13.90	311	1.3
ZZ78539		<0.005	0.52	2.00	45	0.13	10.85	293	1.0
ZZ78540		0.013	0.75	2.58	56	0.17	10.40	442	0.9
ZZ78541		<0.005	0.59	2.54	50	0.16	13.35	356	0.9
ZZ78542		<0.005	0.08	3.23	51	<0.05	15.65	174	0.8
ZZ78543		<0.005	0.12	3.20	49	<0.05	22.9	183	1.5
ZZ78544		<0.005	0.13	3.12	47	0.05	20.5	208	1.6
ZZ78545		<0.005	0.41	2.30	36	<0.05	7.07	316	1.5
ZZ78546		<0.005	0.20	3.82	70	0.14	15.00	159	1.3
ZZ78547		<0.005	0.14	3.57	50	<0.05	18.30	191	1.7
ZZ78548		<0.005	0.10	2.01	43	<0.05	17.95	173	1.6
ZZ78549		<0.005	0.13	2.18	39	<0.05	17.25	216	1.9
ZZ78550		0.009	0.21	3.34	54	0.26	13.75	127	1.2
ZZ78551		<0.005	0.16	6.61	33	0.05	6.58	129	1.7
ZZ78552		<0.005	0.27	3.97	49	0.10	10.70	374	1.4
ZZ78553		0.006	0.13	3.61	38	0.06	18.40	100	1.0
ZZ78554		0.009	0.12	1.95	34	0.09	9.51	102	0.7
ZZ78555		0.017	0.20	1.68	50	0.15	22.0	130	0.5
ZZ78556		0.014	0.23	1.04	44	0.15	20.2	122	<0.5
ZZ78557		0.013	0.25	0.81	43	0.18	8.35	112	0.6
ZZ78558		0.007	0.11	1.27	24	0.11	28.0	66	0.7
ZZ78559		0.009	0.15	0.56	36	0.13	42.3	139	0.8
ZZ78560		0.012	0.35	0.75	62	0.13	42.4	181	1.2
ZZ78561		0.007	0.34	1.59	67	0.18	19.95	125	1.4
ZZ78562		0.006	0.14	1.61	42	0.09	18.75	86	0.9
ZZ78563		0.007	0.16	1.10	36	0.08	19.30	140	1.4
ZZ78564		0.005	0.13	1.64	24	0.06	13.30	113	1.2
ZZ78565		0.005	0.10	4.05	23	0.06	13.10	118	1.3

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78566		0.32	0.006	0.28	0.86	18.3	<0.2	<10	420	0.50	0.15	2.50	0.91	13.70	7.2	18
ZZ78567		0.45	0.001	0.34	0.86	26.2	<0.2	<10	320	0.63	0.17	2.84	0.89	14.30	8.1	20
ZZ78568		0.36	0.002	0.22	0.80	20.6	<0.2	<10	420	0.61	0.18	2.64	0.90	14.95	8.7	15
ZZ78569		0.32	0.002	0.23	0.87	55.6	<0.2	<10	390	0.68	0.19	2.65	0.74	14.95	8.7	17
ZZ78570		0.19	0.002	0.11	1.11	52.3	<0.2	<10	320	0.54	0.19	0.90	0.96	17.60	8.9	20
ZZ78571		0.36	0.002	0.50	0.90	73.3	<0.2	<10	590	0.57	0.18	2.22	0.58	11.10	6.4	20
ZZ78572		0.23	<0.001	0.16	0.94	35.8	<0.2	<10	210	0.47	0.17	1.31	1.36	13.95	4.1	21
ZZ78573		0.66	<0.001	0.26	1.46	61.9	<0.2	<10	300	0.58	0.24	0.15	1.14	17.95	6.9	34
ZZ78574		0.25	0.002	0.41	1.17	81.2	<0.2	<10	410	0.79	0.21	2.49	2.14	17.80	7.7	28
ZZ78575		0.16	0.001	0.29	1.07	20.2	<0.2	<10	490	0.62	0.22	3.50	3.35	24.5	7.8	30
ZZ78576		0.32	<0.001	0.27	0.44	26.6	<0.2	<10	300	0.25	0.24	0.23	1.57	9.63	4.0	14
ZZ78577		0.22	0.002	0.68	1.00	13.4	<0.2	<10	730	0.54	0.14	3.10	1.24	15.75	5.9	15
ZZ78578		0.21	<0.001	0.25	0.71	19.2	<0.2	<10	580	0.33	0.17	1.36	0.58	10.60	4.7	16
ZZ78579		0.37	0.007	0.86	0.82	21.7	<0.2	<10	720	0.81	0.20	1.64	0.68	13.90	7.7	20
ZZ78580		0.41	0.006	1.94	0.50	14.1	<0.2	<10	850	0.38	0.17	0.75	0.28	10.00	3.1	17
ZZ78581		0.18	0.006	2.81	0.42	26.6	<0.2	10	1140	0.59	0.18	0.97	1.12	5.27	6.4	16
ZZ78582		0.27	0.007	1.82	0.40	18.2	<0.2	10	650	0.57	0.17	1.59	0.98	4.60	6.4	19
ZZ78583		0.21	0.004	0.99	0.52	7.2	<0.2	10	630	0.58	0.14	3.41	0.19	4.88	2.8	15
ZZ78584		0.16	0.006	1.30	0.61	13.7	<0.2	10	600	0.49	0.17	2.41	0.78	8.63	4.7	26
ZZ78585		0.25	0.003	0.27	0.68	14.1	<0.2	<10	120	0.13	0.26	0.30	0.12	19.00	1.8	15
ZZ78586		0.20	0.004	0.47	1.12	22.1	<0.2	<10	790	0.56	0.20	1.66	0.68	15.55	6.3	22
ZZ78587		0.24	0.003	0.52	0.92	31.0	<0.2	<10	370	0.59	0.21	2.77	5.23	18.00	8.9	17
ZZ78588		0.21	0.002	0.71	1.73	45.3	<0.2	<10	440	0.80	0.25	0.89	1.27	29.9	8.3	30
ZZ78589		0.30	0.002	0.33	1.71	62.1	<0.2	<10	360	0.79	0.27	0.74	1.75	36.5	10.1	33
ZZ78590		0.20	0.004	0.32	1.50	73.1	<0.2	<10	330	0.75	0.24	1.99	4.13	19.20	8.2	33
ZZ78591		0.15	0.003	0.11	0.89	53.2	<0.2	<10	260	0.72	0.24	5.16	14.40	26.3	10.0	20
ZZ78592		0.17	0.005	0.69	0.66	113.0	<0.2	10	460	0.53	0.22	2.41	1.04	10.05	6.7	23
ZZ78593		0.27	0.005	0.77	1.36	123.0	<0.2	10	680	1.01	0.21	2.25	1.22	13.65	6.7	44
ZZ78594		0.24	0.003	0.52	1.15	126.0	<0.2	<10	400	0.92	0.22	0.96	0.77	17.90	9.3	31
ZZ78595		0.32	0.002	0.38	1.14	69.4	<0.2	<10	570	0.82	0.22	1.61	0.80	18.10	8.4	27
ZZ78596		0.22	0.005	0.17	0.67	13.1	<0.2	<10	430	0.57	0.17	3.17	0.60	10.35	8.9	12
ZZ78597		0.35	0.007	0.49	1.78	23.2	<0.2	<10	370	0.59	0.31	0.13	0.22	25.7	9.7	30

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78566		0.66	22.7	1.95	2.51	0.09	0.04	0.32	0.019	0.06	9.6	9.6	0.34	363	1.08	0.02
ZZ78567		0.80	25.9	2.23	2.72	0.08	0.05	0.22	0.023	0.08	9.1	11.7	0.91	366	1.31	0.01
ZZ78568		0.49	31.6	2.26	2.41	0.08	0.03	0.33	0.021	0.07	8.4	9.5	0.41	369	1.36	0.01
ZZ78569		0.58	32.2	2.26	2.71	0.10	0.05	0.37	0.027	0.08	10.1	10.4	0.46	363	1.36	0.01
ZZ78570		0.81	18.9	2.29	3.45	0.09	0.04	0.25	0.028	0.05	9.2	12.3	0.30	308	1.84	0.01
ZZ78571		0.97	22.4	1.76	2.73	0.08	0.03	0.15	0.026	0.06	10.1	7.3	0.14	379	1.34	0.01
ZZ78572		1.14	9.2	1.70	2.93	0.09	0.02	0.04	0.020	0.04	13.7	5.4	0.12	203	1.40	0.01
ZZ78573		1.67	18.8	2.44	4.66	0.08	0.02	0.04	0.032	0.06	9.1	9.6	0.19	147	3.47	0.01
ZZ78574		1.23	20.1	2.34	3.33	0.12	0.05	0.08	0.031	0.08	29.7	6.8	0.18	406	1.73	0.01
ZZ78575		0.83	15.7	2.36	3.12	0.15	0.04	0.08	0.035	0.04	43.5	7.1	0.17	797	0.86	0.02
ZZ78576		4.80	27.0	1.82	2.73	0.08	<0.02	0.08	0.033	0.06	5.1	1.6	0.03	80	1.82	0.01
ZZ78577		1.94	16.1	1.43	2.38	0.09	0.04	0.12	0.017	0.03	17.1	3.2	0.09	1160	0.89	0.02
ZZ78578		0.92	9.5	1.45	2.98	0.09	0.02	0.08	0.019	0.03	6.9	4.6	0.10	495	0.76	0.01
ZZ78579		3.13	28.5	2.00	2.50	<0.05	0.03	0.13	0.031	0.06	8.3	5.3	0.11	383	1.55	<0.01
ZZ78580		3.43	34.9	1.41	1.82	<0.05	0.02	0.18	0.027	0.05	5.4	3.3	0.05	57	1.91	<0.01
ZZ78581		0.40	56.0	2.43	1.35	<0.05	0.05	0.22	0.038	0.08	4.1	1.9	0.06	92	7.32	<0.01
ZZ78582		0.84	41.8	1.79	1.24	<0.05	0.05	0.18	0.028	0.07	3.6	1.7	0.08	202	2.99	<0.01
ZZ78583		0.94	35.0	1.27	1.50	<0.05	0.04	0.18	0.024	0.05	3.9	2.1	0.07	78	1.19	0.01
ZZ78584		1.08	30.5	1.79	1.87	<0.05	0.06	0.15	0.024	0.07	6.9	4.0	0.12	213	1.73	0.01
ZZ78585		2.74	10.4	1.09	5.45	<0.05	<0.02	0.06	0.013	0.04	9.6	2.2	0.07	39	1.62	<0.01
ZZ78586		2.31	19.0	2.04	3.56	<0.05	0.03	0.13	0.027	0.05	10.9	8.2	0.20	443	1.10	<0.01
ZZ78587		1.13	18.4	1.73	3.31	0.05	0.02	0.10	0.025	0.04	15.3	5.7	0.13	951	0.83	0.01
ZZ78588		3.07	17.4	2.77	5.06	0.06	0.02	0.10	0.033	0.06	17.8	13.8	0.31	412	1.48	0.01
ZZ78589		1.79	15.5	2.92	5.67	0.05	0.02	0.06	0.035	0.07	17.3	13.2	0.34	582	1.46	0.01
ZZ78590		1.62	19.4	2.47	4.22	0.06	0.04	0.09	0.033	0.06	22.7	9.6	0.23	627	1.25	0.01
ZZ78591		0.80	16.5	1.72	2.52	0.12	0.03	0.15	0.032	0.05	50.0	4.5	0.10	1610	0.91	0.01
ZZ78592		0.73	23.1	1.48	2.21	0.05	0.05	0.17	0.030	0.07	10.0	5.6	0.11	175	1.53	0.01
ZZ78593		1.45	33.5	2.22	4.13	0.06	0.08	0.33	0.039	0.09	16.6	11.4	0.17	180	2.91	0.01
ZZ78594		0.94	24.8	2.39	3.84	0.06	0.07	0.16	0.038	0.08	19.3	14.1	0.19	219	3.31	0.01
ZZ78595		0.97	23.1	2.55	3.29	0.05	0.05	0.21	0.031	0.08	14.8	10.8	0.24	306	2.32	<0.01
ZZ78596		0.47	26.1	2.11	2.08	<0.05	0.04	0.33	0.024	0.06	4.8	8.9	0.36	575	1.11	0.01
ZZ78597		2.37	28.2	3.62	5.97	<0.05	0.02	0.11	0.045	0.11	12.8	16.0	0.44	333	4.10	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78566		0.43	24.8	1010	9.9	5.6	0.002	0.13	0.67	2.2	1.3	0.3	41.4	<0.01	0.03	0.6
ZZ78567		0.37	29.6	880	11.5	6.9	0.002	0.08	0.69	3.5	1.4	0.4	47.9	<0.01	0.03	1.4
ZZ78568		0.32	29.1	900	13.9	5.9	0.001	0.08	0.82	2.3	1.5	0.4	44.8	<0.01	0.03	0.6
ZZ78569		0.38	32.8	770	15.1	6.5	0.001	0.06	0.79	3.2	0.8	0.4	38.1	<0.01	0.03	1.0
ZZ78570		0.51	30.8	570	17.2	5.8	0.001	0.03	0.69	4.1	1.0	0.5	25.5	<0.01	0.03	2.1
ZZ78571		0.38	30.5	800	13.4	7.3	0.001	0.07	0.73	2.3	2.0	0.4	38.6	<0.01	0.05	0.4
ZZ78572		0.55	20.1	480	9.7	6.4	<0.001	0.05	0.65	2.6	1.2	0.5	27.4	<0.01	0.03	0.6
ZZ78573		0.63	36.8	280	12.5	7.9	0.001	0.02	0.78	3.8	1.9	0.7	27.5	<0.01	0.07	2.6
ZZ78574		0.44	39.4	1150	14.0	10.1	0.001	0.11	0.88	2.7	2.6	0.5	36.0	<0.01	0.08	0.6
ZZ78575		0.45	21.7	1770	13.2	7.6	<0.001	0.17	0.53	1.4	2.4	0.4	47.6	0.01	0.08	0.4
ZZ78576		0.39	33.9	930	10.6	12.9	<0.001	0.06	1.00	1.7	1.4	0.6	12.4	<0.01	0.12	0.2
ZZ78577		0.40	15.4	2270	7.1	6.7	0.001	0.21	0.55	1.2	2.4	0.2	54.2	<0.01	0.03	0.3
ZZ78578		0.50	11.8	870	8.4	4.5	<0.001	0.09	0.49	1.2	0.9	0.4	29.4	<0.01	0.04	0.3
ZZ78579		0.34	36.5	1120	11.8	9.4	0.001	0.12	0.85	2.2	1.8	0.4	58.5	<0.01	0.08	0.4
ZZ78580		0.22	37.2	690	8.1	9.3	0.003	0.05	0.80	2.9	2.6	0.4	37.6	<0.01	0.07	0.9
ZZ78581		0.07	93.8	810	11.4	4.6	0.003	0.07	1.53	5.2	4.8	0.4	74.9	<0.01	0.11	0.7
ZZ78582		0.09	110.0	930	9.6	6.0	0.003	0.10	0.99	2.8	3.9	0.3	80.6	<0.01	0.14	0.7
ZZ78583		0.18	40.6	1160	6.8	4.7	0.001	0.20	0.87	1.2	2.9	0.2	85.2	<0.01	0.06	0.2
ZZ78584		0.31	38.5	1600	8.7	6.5	0.001	0.18	0.81	2.0	2.6	0.3	76.3	<0.01	0.09	0.4
ZZ78585		0.60	9.5	400	8.0	7.7	0.001	0.05	0.50	0.7	0.5	0.8	16.3	<0.01	0.04	0.2
ZZ78586		0.55	22.7	1410	11.0	8.0	0.001	0.13	0.62	1.5	0.9	0.4	34.8	<0.01	0.05	0.3
ZZ78587		0.50	19.2	1650	11.8	8.2	<0.001	0.17	0.46	1.1	1.2	0.4	41.1	0.01	0.07	0.2
ZZ78588		0.66	27.2	1240	14.2	11.0	0.001	0.07	0.60	2.7	1.4	0.5	24.4	<0.01	0.05	0.5
ZZ78589		0.75	23.7	1050	15.4	12.1	0.001	0.06	0.66	2.3	1.0	0.6	21.3	<0.01	0.06	0.6
ZZ78590		0.57	30.7	1630	14.1	11.3	0.001	0.11	0.69	2.4	1.7	0.5	29.1	0.01	0.07	0.6
ZZ78591		0.39	20.8	1440	15.8	4.8	0.001	0.16	0.53	2.1	1.9	0.3	42.4	0.01	0.10	0.3
ZZ78592		0.26	34.0	860	13.5	7.0	0.001	0.10	0.93	2.3	2.2	0.4	35.6	<0.01	0.11	0.7
ZZ78593		0.46	63.7	920	13.5	10.4	0.001	0.08	1.05	4.6	4.7	0.6	38.6	<0.01	0.04	0.8
ZZ78594		0.38	56.1	490	14.6	10.3	0.001	0.04	1.03	6.0	2.9	0.5	37.2	<0.01	0.07	2.1
ZZ78595		0.40	39.5	420	15.2	8.5	0.001	0.04	0.82	4.8	2.0	0.5	33.2	<0.01	0.07	1.8
ZZ78596		0.22	24.1	780	13.9	6.1	0.001	0.11	0.70	1.7	1.0	0.3	42.5	<0.01	0.04	0.5
ZZ78597		1.13	23.0	900	16.2	12.8	<0.001	0.14	2.04	2.5	2.3	0.7	27.2	<0.01	0.08	1.1

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78566		0.010	0.09	1.32	32	0.11	14.75	111	1.1
ZZ78567		0.007	0.13	1.12	37	0.06	15.95	159	1.4
ZZ78568		0.006	0.12	1.68	31	0.07	14.20	131	1.2
ZZ78569		0.006	0.16	2.03	32	0.16	22.7	133	1.3
ZZ78570		0.007	0.21	1.20	46	0.10	12.65	128	1.3
ZZ78571		0.007	0.21	2.74	40	0.11	24.3	100	0.9
ZZ78572		0.013	0.14	0.96	49	0.10	15.35	107	0.6
ZZ78573		0.011	0.28	0.78	77	0.14	8.22	160	0.9
ZZ78574		0.009	0.26	1.09	55	0.17	57.3	204	1.1
ZZ78575		0.010	0.13	1.13	40	0.10	72.6	154	0.9
ZZ78576		0.009	0.47	0.89	38	0.15	4.65	137	<0.5
ZZ78577		0.010	0.20	1.86	32	0.09	29.1	77	1.4
ZZ78578		0.014	0.14	0.92	45	0.15	10.00	48	0.5
ZZ78579		0.008	0.41	3.42	44	0.10	20.6	121	1.0
ZZ78580		0.006	0.43	2.59	38	0.06	15.35	114	0.5
ZZ78581		<0.005	0.19	2.55	49	<0.05	30.9	247	1.7
ZZ78582		<0.005	0.17	3.43	41	<0.05	21.6	252	1.4
ZZ78583		<0.005	0.15	4.35	29	<0.05	16.65	63	1.6
ZZ78584		0.009	0.16	2.59	43	0.05	22.3	171	1.9
ZZ78585		0.024	0.21	0.81	51	0.18	2.25	40	<0.5
ZZ78586		0.014	0.18	1.77	50	0.12	20.0	86	0.7
ZZ78587		0.013	0.13	1.73	40	0.10	26.9	225	0.5
ZZ78588		0.018	0.35	2.26	63	0.16	32.9	141	<0.5
ZZ78589		0.022	0.23	1.81	65	0.22	21.4	146	<0.5
ZZ78590		0.014	0.23	1.76	55	0.16	40.9	233	0.8
ZZ78591		0.011	0.13	0.98	35	0.07	76.6	210	0.7
ZZ78592		<0.005	0.32	2.01	37	0.06	25.4	106	1.7
ZZ78593		<0.005	0.52	6.09	64	0.10	46.8	166	1.9
ZZ78594		<0.005	0.35	1.93	56	0.11	40.2	139	1.7
ZZ78595		0.005	0.22	1.12	53	0.10	27.0	135	1.4
ZZ78596		<0.005	0.12	3.21	26	<0.05	9.18	125	1.0
ZZ78597		0.028	0.37	1.05	71	0.28	4.47	83	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137040

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)

Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

CERTIFICATE WH13146491

Project: NADALEEN
P.O. No.: SO13-12
This report is for 235 Soil samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD023670		0.26	0.004	0.13	0.39	192.0	<0.2	<10	130	1.36	0.42	0.35	0.14	14.45	35.3	16
DD023671		0.31	0.003	0.17	0.96	342	<0.2	10	70	1.19	0.40	0.26	0.14	7.81	36.4	22
DD023672		0.30	0.006	0.15	0.51	259	<0.2	<10	120	1.10	0.40	0.17	0.17	13.60	29.3	16
DD023673		0.22	0.004	0.17	0.81	183.5	<0.2	<10	130	1.29	0.40	0.20	0.12	9.73	36.6	21
DD023674		0.19	0.004	0.09	0.80	319	<0.2	<10	100	0.96	0.35	0.37	0.18	12.55	18.8	20
DD023675		0.19	0.005	0.10	1.16	729	<0.2	<10	150	1.14	0.34	0.37	0.26	20.8	22.7	25
DD023676		0.19	0.010	0.30	1.90	721	<0.2	<10	150	1.35	0.27	0.45	0.25	36.2	20.2	39
DD023677		0.17	0.009	0.19	1.37	589	<0.2	<10	170	1.32	0.28	0.22	0.36	48.5	31.7	31
DD023678		0.15	0.007	0.18	1.57	548	<0.2	<10	190	1.35	0.25	0.81	0.28	26.3	18.9	33
DD023679		0.22	0.006	0.12	1.08	780	<0.2	<10	210	1.21	0.27	0.42	0.20	28.2	26.7	25
DD023680		0.17	0.006	0.10	1.16	654	<0.2	<10	210	1.19	0.28	0.31	0.15	29.3	20.0	26
DD023681		0.16	0.003	0.03	1.78	127.5	<0.2	<10	360	0.86	0.30	0.32	0.18	30.0	19.9	28
DD023682		0.17	0.003	0.06	2.21	103.5	<0.2	<10	410	1.16	0.26	0.45	0.17	28.0	22.8	34
DD023683		0.25	0.008	0.11	2.44	134.0	<0.2	<10	310	1.36	0.26	0.33	0.30	37.5	28.3	39
DD023684		0.16	0.015	0.24	1.94	155.5	<0.2	<10	460	1.24	0.25	0.71	0.42	34.2	21.8	36
DD023685		0.27	0.012	0.15	1.55	72.5	<0.2	<10	360	1.55	0.32	0.58	0.62	46.2	40.0	31
DD023686		0.20	0.017	0.19	1.81	271	<0.2	10	460	1.83	0.27	0.84	0.38	41.3	43.0	36
DD023687		0.21	0.013	0.17	1.74	169.5	<0.2	<10	290	1.62	0.31	0.34	0.47	49.1	41.7	35
DD023688		0.25	0.008	0.14	1.07	119.0	<0.2	<10	140	1.37	0.35	1.00	0.35	42.4	38.5	23
DD023689		0.31	0.009	0.13	1.10	89.0	<0.2	<10	160	1.48	0.37	1.36	0.38	40.4	38.4	23
DD023690		0.34	0.003	0.15	0.38	75.8	<0.2	<10	50	1.00	0.36	2.55	0.24	27.0	23.0	10
DD023691		0.42	0.009	0.14	1.30	67.5	<0.2	<10	210	1.32	0.33	1.18	0.37	42.4	38.4	23
DD023692		0.26	0.006	0.21	0.29	126.5	<0.2	<10	40	1.29	0.51	2.22	0.32	36.9	40.3	14
DD023693		0.32	0.014	0.14	1.72	43.6	<0.2	<10	300	1.62	0.27	0.63	0.70	50.2	47.9	32
DD023694		0.33	0.022	0.15	1.56	50.6	<0.2	<10	440	1.87	0.21	3.15	0.50	41.7	50.3	38
DD023695		0.13	0.012	0.09	1.94	21.9	<0.2	<10	360	1.40	0.22	1.51	0.53	45.2	43.9	38
DD023696		0.35	0.006	0.18	0.95	54.1	<0.2	<10	230	1.33	0.36	1.27	1.66	41.9	34.1	21
DD023697		0.29	0.008	0.17	1.06	73.0	<0.2	<10	260	1.25	0.35	0.40	0.53	46.0	33.5	20
DD023698		0.31	0.006	0.13	1.02	76.5	<0.2	<10	160	1.20	0.34	1.47	0.35	40.4	32.9	19
DD023699		0.30	0.008	0.13	1.20	69.8	<0.2	10	220	1.46	0.35	0.84	0.54	43.1	40.6	25
DD023700		0.28	0.009	0.13	1.28	81.6	<0.2	<10	300	1.42	0.37	0.70	0.46	40.5	40.6	26
DD023701		0.20	0.012	0.18	1.32	141.5	<0.2	10	270	1.60	0.32	0.52	0.43	35.4	39.1	26
DD023702		0.12	0.011	0.18	1.59	173.5	<0.2	10	430	0.98	0.18	1.08	0.20	14.80	17.0	26
DD023703		0.23	0.007	0.14	1.21	608	<0.2	<10	210	1.17	0.30	0.29	0.21	28.4	22.3	27
DD023704		0.18	0.004	0.07	1.25	262	<0.2	<10	150	1.11	0.33	0.19	0.24	41.7	21.5	22
DD023705		0.22	0.005	0.16	1.61	163.5	<0.2	<10	180	0.81	0.26	0.29	0.20	37.5	17.6	38
DD023706		0.22	0.006	0.37	1.42	465	<0.2	<10	220	1.32	0.28	0.47	0.24	25.3	20.8	28
DD023707		0.28	0.006	0.12	0.92	847	<0.2	<10	110	1.01	0.29	0.25	0.35	40.5	41.9	28
DD023708		0.21	0.003	0.04	1.37	781	<0.2	<10	120	1.01	0.31	0.15	0.21	32.4	30.9	28
DD023709		0.15	0.006	0.20	1.39	1685	<0.2	<10	170	1.04	0.22	0.65	0.19	20.2	23.7	27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023670		5.87	81.1	5.39	1.58	0.05	0.04	0.42	0.051	0.11	4.7	3.1	0.10	1070	1.37	0.01
DD023671		10.75	92.6	6.05	3.02	0.05	0.09	0.19	0.047	0.11	2.7	15.9	0.39	787	0.75	<0.01
DD023672		4.18	76.8	5.43	1.85	0.06	0.04	0.45	0.050	0.10	4.7	5.3	0.15	817	1.27	0.01
DD023673		8.92	85.0	5.79	2.59	<0.05	0.05	0.34	0.045	0.11	3.4	10.2	0.26	734	0.78	0.01
DD023674		4.32	61.3	5.22	3.06	<0.05	0.04	0.51	0.050	0.10	5.6	7.0	0.17	747	1.16	0.01
DD023675		6.52	81.1	6.00	3.86	0.06	0.05	0.59	0.061	0.10	9.6	10.5	0.27	1070	1.26	0.01
DD023676		29.7	112.5	5.69	5.62	0.10	0.07	0.54	0.057	0.11	20.6	32.4	0.78	616	0.88	0.01
DD023677		13.05	171.5	6.81	4.23	0.10	0.05	0.61	0.060	0.10	23.2	24.4	0.52	982	0.89	0.01
DD023678		28.1	109.0	5.53	4.47	0.09	0.06	0.34	0.058	0.09	14.3	13.7	0.59	804	0.85	0.01
DD023679		7.91	115.5	6.35	3.77	0.07	0.03	0.85	0.058	0.09	12.9	10.0	0.43	726	1.17	0.01
DD023680		9.44	107.0	6.12	4.07	0.08	0.04	0.62	0.061	0.09	13.7	10.4	0.42	613	1.13	0.01
DD023681		6.44	65.0	4.56	6.30	0.06	0.04	0.12	0.042	0.06	12.8	19.0	0.59	972	1.10	0.01
DD023682		9.19	100.5	5.15	7.68	0.06	0.06	0.17	0.047	0.08	12.6	23.7	0.88	894	1.19	0.01
DD023683		13.35	147.5	6.33	8.34	0.08	0.05	0.13	0.058	0.09	17.5	30.0	1.27	1120	0.85	0.01
DD023684		27.3	119.0	5.34	6.39	0.09	0.05	0.19	0.051	0.10	19.3	22.9	0.91	1730	1.19	0.01
DD023685		8.94	187.0	7.18	5.88	0.13	0.07	0.15	0.068	0.09	18.0	17.8	1.02	1920	2.98	0.01
DD023686		27.1	208	7.85	6.61	0.11	0.08	0.50	0.071	0.13	15.9	20.3	1.09	1660	2.33	0.01
DD023687		12.00	197.5	7.62	6.63	0.13	0.08	0.25	0.071	0.10	19.1	20.5	1.06	1540	2.23	0.01
DD023688		7.33	177.5	6.93	4.09	0.11	0.07	0.27	0.053	0.09	17.4	12.3	1.10	838	4.33	0.01
DD023689		7.43	161.0	6.72	4.10	0.10	0.06	0.23	0.053	0.10	16.4	12.8	1.21	935	3.72	0.01
DD023690		2.70	77.6	4.63	1.70	0.06	0.11	0.21	0.039	0.07	12.6	3.7	1.46	712	1.75	0.01
DD023691		7.79	155.0	6.26	4.70	0.09	0.06	0.11	0.052	0.08	18.2	16.0	1.35	1220	1.58	0.01
DD023692		5.05	132.5	5.79	1.72	0.07	0.05	0.14	0.049	0.09	16.8	1.5	1.11	835	1.37	0.01
DD023693		16.25	220	8.20	6.05	0.12	0.07	0.23	0.064	0.09	21.6	21.2	1.22	2320	2.96	0.01
DD023694		18.35	256	8.40	5.51	0.10	0.04	0.09	0.060	0.08	17.9	17.6	2.13	2170	0.62	0.01
DD023695		8.32	213	6.92	6.97	0.11	0.04	0.09	0.053	0.10	19.7	24.0	1.62	1880	0.69	0.01
DD023696		10.85	155.0	6.21	3.46	0.09	0.08	0.16	0.056	0.08	19.1	9.4	0.97	1740	2.01	0.01
DD023697		7.60	157.0	5.92	3.87	0.10	0.08	0.17	0.058	0.09	20.5	10.9	0.69	1830	1.53	0.01
DD023698		7.14	145.0	5.81	3.79	0.09	0.04	0.15	0.051	0.08	17.9	11.7	1.27	1180	1.69	0.01
DD023699		8.60	160.0	6.68	4.36	0.10	0.05	0.20	0.057	0.10	16.6	13.2	0.97	1580	3.37	0.01
DD023700		7.72	174.5	7.09	4.87	0.10	0.09	0.26	0.055	0.09	16.4	14.8	1.02	1270	3.57	0.01
DD023701		20.4	148.5	6.69	4.76	0.09	0.14	0.47	0.060	0.12	13.5	13.0	0.77	1450	3.41	0.01
DD023702		32.4	100.5	4.29	5.12	0.05	0.09	0.56	0.040	0.13	8.2	15.5	0.81	549	1.14	0.01
DD023703		15.50	115.5	5.95	4.13	0.07	0.07	0.49	0.052	0.07	13.5	12.3	0.48	667	1.23	0.01
DD023704		3.96	81.6	5.03	3.49	0.07	0.06	0.26	0.047	0.07	16.5	13.7	0.40	883	1.47	0.01
DD023705		11.60	106.0	4.23	6.01	0.07	0.07	0.67	0.059	0.07	16.9	25.2	0.77	176	0.50	0.01
DD023706		14.35	122.5	5.90	4.31	0.08	0.11	0.57	0.059	0.10	14.7	10.2	0.33	478	1.22	0.01
DD023707		5.70	181.5	7.85	3.61	0.09	0.06	1.20	0.056	0.09	18.4	8.1	0.36	1400	1.34	0.01
DD023708		3.85	140.0	7.25	4.60	0.07	0.09	0.50	0.061	0.06	15.0	11.6	0.36	779	0.86	0.01
DD023709		38.7	98.8	5.37	4.42	0.05	0.08	0.72	0.052	0.13	9.5	11.8	0.43	595	0.71	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

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VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023670		0.09	57.6	450	29.6	7.3	<0.001	0.06	1.88	10.8	1.0	0.4	40.4	<0.01	0.13	3.9
DD023671		0.09	58.8	480	34.3	7.9	<0.001	0.05	3.72	11.9	0.9	0.4	34.9	<0.01	0.15	2.7
DD023672		0.15	50.7	470	29.5	6.3	0.001	0.03	3.14	10.3	1.0	0.3	27.1	<0.01	0.13	3.3
DD023673		0.16	49.6	430	33.2	9.1	<0.001	0.02	1.81	10.8	0.9	0.4	26.6	<0.01	0.11	2.7
DD023674		0.30	35.9	690	20.4	10.3	<0.001	0.04	2.03	8.2	0.8	0.5	33.0	<0.01	0.11	1.4
DD023675		0.31	37.0	880	21.2	12.9	<0.001	0.05	2.25	11.2	1.1	0.5	32.9	<0.01	0.15	1.5
DD023676		0.53	47.8	990	13.6	14.5	0.001	0.05	1.53	14.1	2.3	0.5	31.4	<0.01	0.14	2.1
DD023677		0.34	57.3	450	17.5	14.0	<0.001	0.02	1.87	17.0	1.7	0.4	20.9	<0.01	0.17	3.3
DD023678		0.36	36.1	1650	14.5	13.3	<0.001	0.12	1.37	13.3	2.1	0.4	43.6	<0.01	0.11	1.0
DD023679		0.16	42.2	610	16.4	11.2	<0.001	0.06	1.69	13.9	1.6	0.4	31.1	<0.01	0.18	1.5
DD023680		0.16	35.8	600	15.5	13.3	<0.001	0.03	1.28	13.2	1.2	0.4	21.7	<0.01	0.16	1.7
DD023681		0.46	29.0	1390	17.4	11.9	<0.001	0.06	0.63	4.4	0.8	0.5	14.3	<0.01	0.10	0.9
DD023682		0.49	32.4	1440	14.2	13.7	<0.001	0.07	0.51	7.7	0.8	0.6	15.2	<0.01	0.14	1.4
DD023683		0.35	43.5	1180	16.3	14.1	<0.001	0.04	0.50	14.2	1.4	0.5	17.1	<0.01	0.15	1.9
DD023684		0.50	37.6	1370	19.4	14.5	<0.001	0.08	0.62	13.4	2.4	0.5	23.5	<0.01	0.10	1.2
DD023685		0.18	56.9	880	23.5	7.2	0.001	0.08	0.38	17.8	2.2	0.4	14.7	<0.01	0.25	2.5
DD023686		0.17	57.3	800	20.5	14.6	<0.001	0.06	0.47	21.8	2.3	0.4	24.0	<0.01	0.22	1.9
DD023687		0.18	59.4	780	18.8	8.6	0.001	0.04	0.41	19.5	2.0	0.4	14.1	<0.01	0.25	2.5
DD023688		0.09	55.5	740	24.3	6.0	0.001	0.21	0.64	12.6	1.2	0.3	19.2	<0.01	0.24	3.5
DD023689		0.09	53.8	680	27.3	6.5	0.001	0.18	0.67	12.0	1.4	0.4	21.4	<0.01	0.23	3.7
DD023690		0.07	36.5	600	34.7	4.2	<0.001	0.35	1.20	8.4	0.8	0.3	19.0	<0.01	0.09	4.1
DD023691		0.08	51.2	700	27.1	5.8	0.001	0.13	0.68	12.8	1.3	0.3	20.1	<0.01	0.16	3.7
DD023692		0.09	58.3	560	44.5	5.6	0.001	0.18	1.45	9.8	1.1	0.4	25.5	<0.01	0.17	3.7
DD023693		0.14	66.6	740	24.0	8.2	0.001	0.14	0.83	17.8	1.9	0.3	19.6	<0.01	0.18	2.4
DD023694		0.14	71.4	730	15.3	9.1	<0.001	0.09	0.30	20.6	2.0	0.3	49.8	<0.01	0.17	1.7
DD023695		0.14	61.2	840	13.9	6.5	0.001	0.09	0.25	15.9	1.5	0.2	27.2	<0.01	0.16	1.9
DD023696		0.13	48.4	780	37.1	6.7	<0.001	0.19	1.06	13.9	1.6	0.3	18.8	<0.01	0.11	3.0
DD023697		0.14	43.5	780	35.4	6.3	<0.001	0.11	0.86	14.5	1.6	0.3	12.6	<0.01	0.11	3.4
DD023698		0.10	45.9	720	29.7	5.7	0.001	0.22	0.86	11.6	1.2	0.3	18.2	<0.01	0.12	3.5
DD023699		0.13	54.1	760	29.5	6.9	0.001	0.14	0.58	13.6	1.5	0.3	16.0	<0.01	0.22	3.1
DD023700		0.11	59.3	690	25.0	6.6	0.001	0.17	0.62	14.8	1.8	0.3	18.1	<0.01	0.22	3.3
DD023701		0.14	52.3	610	29.0	13.0	<0.001	0.06	0.67	16.6	2.1	0.4	17.9	<0.01	0.19	2.2
DD023702		0.23	28.9	1010	11.8	16.7	<0.001	0.10	0.44	9.4	2.3	0.4	25.4	<0.01	0.12	0.6
DD023703		0.22	39.5	750	16.7	13.1	<0.001	0.04	1.32	13.6	1.7	0.4	18.6	<0.01	0.14	1.6
DD023704		0.40	38.8	460	22.9	10.8	<0.001	0.02	1.18	8.2	1.4	0.4	16.6	<0.01	0.09	2.8
DD023705		0.28	38.3	560	10.9	12.5	0.001	0.06	0.90	16.2	1.8	0.4	23.6	<0.01	0.11	3.0
DD023706		0.23	46.0	1260	13.0	17.1	<0.001	0.08	1.72	13.8	2.5	0.4	31.5	<0.01	0.14	1.2
DD023707		0.11	64.1	530	15.5	6.9	<0.001	0.06	2.35	16.8	1.9	0.3	25.0	<0.01	0.21	2.5
DD023708		0.26	48.8	730	15.5	11.7	<0.001	0.04	2.23	9.8	1.4	0.4	17.2	<0.01	0.22	1.6
DD023709		0.18	38.7	850	10.8	17.6	<0.001	0.07	2.49	11.4	1.8	0.4	47.0	<0.01	0.14	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023670		<0.005	0.51	0.47	23	<0.05	10.80	111	1.6
DD023671		<0.005	0.79	0.42	34	0.08	10.50	100	2.9
DD023672		0.005	0.60	0.49	27	<0.05	12.00	102	1.6
DD023673		<0.005	0.47	0.52	33	<0.05	10.20	99	1.5
DD023674		0.006	0.76	0.48	38	0.08	8.30	103	1.0
DD023675		0.006	1.55	0.50	55	0.12	11.65	105	1.3
DD023676		0.017	0.95	0.57	64	0.14	22.7	92	1.7
DD023677		0.010	1.32	0.39	66	0.15	19.65	98	1.1
DD023678		0.010	0.76	0.78	60	0.11	19.25	103	1.5
DD023679		<0.005	1.56	0.43	62	0.13	12.20	89	0.7
DD023680		<0.005	1.42	0.43	63	0.11	10.80	82	1.0
DD023681		0.012	0.41	0.45	64	0.14	5.54	65	0.9
DD023682		0.010	0.37	0.43	84	0.15	7.80	69	1.4
DD023683		0.011	0.39	0.44	91	0.09	15.50	93	1.2
DD023684		0.019	0.56	0.64	79	0.14	27.4	93	1.1
DD023685		0.008	0.44	0.37	80	0.08	19.30	107	2.1
DD023686		<0.005	1.05	0.39	96	0.12	19.40	107	2.2
DD023687		0.007	0.68	0.31	91	0.09	20.9	107	2.3
DD023688		0.005	0.59	0.34	66	<0.05	11.45	102	3.4
DD023689		<0.005	0.53	0.36	56	<0.05	11.65	100	3.2
DD023690		<0.005	0.45	0.42	20	<0.05	11.20	79	5.6
DD023691		<0.005	0.45	0.33	56	<0.05	14.05	98	2.6
DD023692		<0.005	0.74	0.37	34	0.11	11.80	126	2.4
DD023693		0.005	1.21	0.34	72	<0.05	19.25	109	1.8
DD023694		0.005	0.64	0.18	102	0.05	19.75	111	1.3
DD023695		0.005	0.29	0.18	87	<0.05	16.85	106	1.1
DD023696		<0.005	0.71	0.43	46	0.05	18.95	109	2.2
DD023697		0.005	0.57	0.39	47	<0.05	21.3	102	2.4
DD023698		<0.005	0.51	0.38	45	<0.05	14.45	92	2.1
DD023699		<0.005	0.49	0.39	59	<0.05	14.60	102	2.0
DD023700		0.005	0.48	0.35	68	0.06	13.25	104	2.7
DD023701		<0.005	0.99	0.37	69	0.06	16.50	100	2.9
DD023702		<0.005	1.29	0.61	60	0.34	12.60	63	1.7
DD023703		<0.005	1.16	0.38	61	0.16	14.20	94	1.1
DD023704		0.007	0.76	0.48	43	0.12	8.00	82	0.9
DD023705		0.006	0.58	0.30	81	0.07	11.30	91	1.6
DD023706		<0.005	1.16	0.57	64	0.13	17.85	130	1.9
DD023707		<0.005	1.34	0.19	78	0.13	10.25	106	1.0
DD023708		<0.005	1.48	0.53	74	0.17	7.98	103	1.5
DD023709		<0.005	1.17	1.42	60	0.15	9.68	90	1.3

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD023710		0.28	0.005	0.13	1.47	2560	<0.2	<10	110	1.18	0.30	0.27	0.35	41.1	41.5	31
DD023711		0.17	0.002	0.05	1.02	693	<0.2	<10	120	0.77	0.29	0.45	0.24	23.2	21.3	25
DD023712		0.23	0.004	0.14	0.94	1015	<0.2	<10	90	1.14	0.29	0.92	0.24	16.60	20.1	19
DD023713		0.20	0.002	0.08	0.90	36.5	<0.2	<10	60	1.25	0.33	0.80	0.09	14.30	18.0	18
DD023714		0.24	0.003	0.07	0.39	75.9	<0.2	<10	60	1.16	0.33	0.91	0.10	18.60	32.9	11
DD023715		0.24	0.005	0.11	0.75	77.7	<0.2	<10	70	1.80	0.42	0.42	0.20	15.10	53.6	12
DD023716		0.21	0.005	0.16	0.47	795	<0.2	<10	110	1.03	0.42	0.30	0.13	8.39	38.1	15
DD023717		0.17	0.003	0.08	1.91	72.0	<0.2	<10	120	0.63	0.26	0.30	0.19	21.8	22.0	39
DD023718		0.25	0.004	0.12	0.46	1090	<0.2	<10	120	0.96	0.35	0.24	0.28	23.6	20.6	11
DD023719		0.21	0.006	0.06	1.78	206	<0.2	<10	250	1.05	0.27	0.23	0.21	32.0	21.2	31
DD023720		0.19	0.003	0.06	1.72	175.0	<0.2	<10	270	0.84	0.31	0.46	0.43	29.1	23.6	31
DD023721		0.26	0.004	0.07	1.87	108.5	<0.2	<10	330	1.12	0.30	0.30	0.20	29.0	28.6	31
DD023722		0.29	0.005	0.09	1.12	50.2	<0.2	<10	290	0.91	0.21	0.83	0.45	24.4	26.3	26
DD023723		0.41	0.008	0.12	2.45	39.1	<0.2	<10	260	1.30	0.28	0.14	0.50	50.6	37.9	38
DD023724		0.42	0.009	0.17	1.34	664	<0.2	<10	430	1.17	0.27	0.40	0.57	38.9	35.6	31
DD023725		0.28	0.012	0.19	1.25	213	<0.2	<10	300	1.48	0.32	0.53	0.33	36.1	34.4	29
DD023726		0.47	0.008	0.10	1.54	145.5	<0.2	<10	190	1.31	0.31	0.32	0.32	45.3	38.6	32
DD023727		0.43	0.010	0.11	1.85	78.2	<0.2	<10	180	1.30	0.31	0.88	0.32	34.7	50.2	35
DD023728		0.41	0.007	0.13	0.76	242	<0.2	<10	150	1.33	0.38	1.07	0.36	36.8	31.6	15
DD023729		0.39	0.013	0.13	1.29	126.0	<0.2	<10	210	1.43	0.34	0.79	0.37	38.5	42.7	27
DD023730		0.40	0.013	0.16	1.97	48.9	<0.2	<10	330	1.59	0.32	0.26	0.65	54.8	48.2	33
DD023731		0.44	0.003	0.16	0.67	113.5	<0.2	<10	60	1.11	0.37	3.71	0.23	20.7	25.4	13
DD023732		0.35	0.013	0.14	1.51	69.9	<0.2	<10	230	1.38	0.33	1.61	0.37	41.6	45.5	27
DD023733		0.30	0.025	0.16	1.85	33.8	<0.2	<10	520	1.58	0.20	1.04	0.42	39.2	38.2	33
DD023734		0.35	0.014	0.13	1.95	17.6	<0.2	<10	410	1.41	0.24	1.12	0.83	48.1	47.7	34
DD023735		0.27	0.015	0.15	2.09	26.6	<0.2	<10	580	1.70	0.26	0.95	0.71	53.5	50.5	36
DD023736		0.30	0.005	0.18	0.70	60.9	<0.2	<10	160	1.28	0.35	0.52	0.29	33.0	19.7	14
DD023737		0.27	0.007	0.13	0.99	65.9	<0.2	<10	250	1.30	0.30	1.13	0.35	28.5	19.5	17
DD023738		0.24	0.011	0.16	1.22	146.0	<0.2	<10	200	1.57	0.36	0.29	0.32	43.4	35.6	25
DD023739		0.23	0.007	0.16	1.36	72.4	<0.2	<10	390	1.61	0.27	0.61	0.39	32.3	28.8	25
DD023740		0.36	0.005	0.10	2.05	185.0	<0.2	<10	190	1.14	0.29	0.29	0.18	35.7	22.0	32
DD023741		0.25	0.007	0.24	1.69	116.5	<0.2	10	210	1.01	0.28	0.70	0.33	25.5	16.7	31
DD023742		0.21	0.002	0.04	1.75	141.0	<0.2	<10	220	0.90	0.32	0.39	0.23	37.6	27.7	29
DD023743		0.19	0.002	0.06	1.64	84.2	<0.2	<10	230	0.87	0.29	0.49	0.24	26.9	14.5	27
DD023744		0.25	0.004	0.05	1.42	362	<0.2	<10	150	1.09	0.35	0.24	0.21	42.1	30.1	28
DD023745		0.13	0.009	0.16	1.11	447	<0.2	<10	180	1.08	0.28	0.88	0.20	21.0	16.7	25
DD023746		0.18	0.004	0.16	0.92	138.5	<0.2	<10	90	1.09	0.33	0.72	0.26	14.80	22.4	18
DD023747		0.24	0.007	0.18	0.79	221	<0.2	<10	60	1.25	0.40	0.36	0.42	18.25	27.3	15
DD023748		0.23	0.002	0.10	0.81	134.5	<0.2	<10	120	1.09	0.37	0.23	0.20	15.85	26.6	19
DD023749		0.26	0.005	0.14	0.68	231	<0.2	<10	100	1.35	0.41	0.43	0.15	17.25	25.4	17

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VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023710		15.35	164.0	7.00	5.22	0.08	0.05	0.81	0.061	0.09	18.1	26.2	0.61	1360	0.80	0.01
DD023711		3.78	87.5	5.96	4.43	0.05	0.06	0.29	0.053	0.08	11.2	8.3	0.30	765	0.84	0.01
DD023712		10.50	103.5	6.12	2.61	0.06	0.07	0.57	0.052	0.08	8.3	10.1	0.28	758	1.14	0.01
DD023713		3.11	56.5	4.60	2.53	0.06	0.11	0.23	0.048	0.09	7.3	9.6	0.23	544	0.97	0.01
DD023714		3.85	74.2	5.47	1.13	0.06	0.08	0.20	0.052	0.09	6.3	3.4	0.13	954	1.14	0.01
DD023715		5.36	94.0	5.84	1.57	0.06	0.08	0.37	0.057	0.09	4.5	11.2	0.19	2010	1.59	0.01
DD023716		5.86	96.6	6.28	1.53	0.05	0.07	0.62	0.046	0.10	2.5	4.3	0.19	1240	1.00	0.01
DD023717		4.04	73.9	4.90	7.59	0.05	0.05	0.08	0.054	0.06	10.4	17.9	0.76	1140	0.86	0.01
DD023718		7.35	76.3	5.01	1.65	0.07	0.09	0.93	0.049	0.07	9.3	2.3	0.15	1550	2.33	0.01
DD023719		12.70	90.1	4.74	5.51	0.06	0.04	0.16	0.042	0.07	13.8	17.9	0.66	779	1.51	0.01
DD023720		10.80	83.4	5.52	6.47	0.06	0.05	0.09	0.046	0.09	12.5	21.7	0.72	1300	1.40	0.01
DD023721		13.70	102.5	5.22	6.59	0.06	0.07	0.14	0.051	0.08	10.8	16.2	0.69	1440	1.19	0.01
DD023722		4.90	134.5	6.73	3.65	0.06	0.07	0.19	0.051	0.09	10.1	8.8	0.51	1170	1.23	0.01
DD023723		8.68	157.5	7.11	8.30	0.11	0.06	0.13	0.062	0.08	21.9	28.7	1.43	1950	1.22	0.01
DD023724		11.05	184.5	7.56	4.96	0.10	0.09	0.75	0.072	0.09	16.8	15.0	0.73	1700	2.63	0.01
DD023725		11.55	163.5	7.14	4.66	0.08	0.12	0.45	0.061	0.10	15.6	12.5	0.71	1200	4.31	0.01
DD023726		5.76	176.5	6.99	5.66	0.12	0.08	0.17	0.054	0.07	17.4	18.6	1.02	1040	2.21	0.01
DD023727		7.63	194.0	7.20	6.89	0.12	0.09	0.31	0.061	0.06	13.3	24.0	1.56	1320	1.53	0.01
DD023728		7.63	119.5	5.82	2.75	0.07	0.09	0.57	0.047	0.09	14.9	7.6	0.92	929	2.05	0.01
DD023729		11.75	179.5	7.20	4.65	0.10	0.11	0.28	0.057	0.10	14.6	14.5	1.08	1160	4.45	0.01
DD023730		15.95	266	7.66	6.84	0.12	0.10	0.20	0.063	0.08	24.3	23.6	1.32	2320	1.36	0.01
DD023731		8.89	97.2	4.83	2.35	0.06	0.16	0.10	0.042	0.07	9.0	8.6	2.13	964	1.18	0.01
DD023732		14.75	175.5	6.49	5.29	0.09	0.08	0.16	0.050	0.08	16.8	19.7	1.71	1460	1.43	0.01
DD023733		16.10	239	7.13	5.61	0.09	0.09	0.12	0.057	0.08	19.3	18.6	1.10	1950	0.91	0.01
DD023734		11.80	221	6.04	6.73	0.12	0.08	0.09	0.054	0.10	20.4	25.5	1.37	2370	1.42	0.01
DD023735		13.60	257	7.18	7.26	0.12	0.08	0.11	0.060	0.08	23.2	26.6	1.51	2650	1.39	0.01
DD023736		6.18	98.1	4.41	2.66	0.06	0.10	0.17	0.053	0.08	16.0	5.8	0.32	679	1.69	<0.01
DD023737		12.00	133.0	4.58	3.58	0.06	0.10	0.13	0.054	0.09	13.4	10.7	0.65	640	1.34	0.01
DD023738		14.10	160.0	6.47	4.78	0.07	0.09	0.40	0.059	0.09	18.2	13.2	0.66	875	3.98	<0.01
DD023739		18.70	119.5	5.47	4.73	0.08	0.08	0.21	0.057	0.10	13.3	12.6	0.64	1180	2.68	0.01
DD023740		11.20	113.0	5.15	6.99	0.05	0.03	0.15	0.048	0.08	15.2	24.0	0.88	653	1.14	0.01
DD023741		28.2	107.5	4.77	5.80	0.06	0.06	0.18	0.049	0.09	12.7	24.2	0.80	505	0.91	0.01
DD023742		3.43	106.5	5.65	6.01	0.05	0.05	0.10	0.048	0.06	17.0	28.2	0.83	791	0.95	<0.01
DD023743		6.61	63.5	4.14	6.00	<0.05	0.04	0.06	0.037	0.06	11.6	21.7	0.58	552	1.09	0.01
DD023744		3.23	121.5	6.24	4.95	0.06	0.06	0.43	0.055	0.06	18.1	16.7	0.46	738	1.16	<0.01
DD023745		6.73	93.0	4.98	3.75	0.05	0.04	0.63	0.050	0.07	10.0	9.5	0.26	498	1.22	0.01
DD023746		4.55	79.5	5.48	2.95	0.05	0.08	0.75	0.053	0.09	6.3	10.4	0.23	594	1.98	0.01
DD023747		5.56	102.5	7.05	2.31	0.06	0.07	1.45	0.063	0.09	6.7	8.3	0.20	893	3.21	<0.01
DD023748		3.70	64.3	5.22	2.99	<0.05	0.06	0.14	0.049	0.10	4.4	8.4	0.18	1220	1.33	<0.01
DD023749		3.31	77.9	5.77	2.38	0.06	0.09	1.56	0.050	0.10	6.5	7.6	0.17	786	1.94	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023710		0.22	56.5	630	15.2	14.0	<0.001	0.03	2.94	13.8	1.4	0.4	32.5	<0.01	0.23	1.6
DD023711		0.24	31.7	1010	13.8	13.9	<0.001	0.05	1.46	7.0	1.0	0.4	32.0	<0.01	0.14	0.9
DD023712		0.18	39.9	970	18.5	10.6	<0.001	0.09	2.99	9.2	2.1	0.4	73.6	<0.01	0.13	0.7
DD023713		0.19	34.4	810	19.5	7.3	<0.001	0.08	1.04	9.9	1.4	0.4	60.9	<0.01	0.07	1.2
DD023714		0.10	56.8	640	21.9	5.5	<0.001	0.07	1.75	14.6	1.1	0.3	70.8	<0.01	0.07	2.3
DD023715		0.09	82.9	380	29.4	5.9	<0.001	0.07	2.20	16.3	1.1	0.3	47.2	<0.01	0.09	3.5
DD023716		0.09	65.8	450	32.9	6.7	<0.001	0.06	3.42	13.4	1.0	0.3	41.5	<0.01	0.11	2.5
DD023717		0.36	29.8	1680	12.1	11.1	<0.001	0.11	0.56	5.2	1.1	0.5	25.2	<0.01	0.09	0.4
DD023718		0.10	28.9	650	30.2	6.6	<0.001	0.05	1.35	11.9	1.6	0.2	7.5	<0.01	0.09	1.9
DD023719		0.56	38.8	690	14.9	12.7	<0.001	0.04	0.79	6.2	1.4	0.5	14.1	<0.01	0.14	1.2
DD023720		0.54	35.4	1090	17.8	17.8	<0.001	0.06	0.88	5.4	1.2	0.5	18.8	<0.01	0.12	1.0
DD023721		0.47	30.6	1680	17.7	14.3	<0.001	0.13	0.58	8.8	1.2	0.4	13.9	<0.01	0.12	1.1
DD023722		0.18	35.4	1040	14.0	8.5	<0.001	0.09	0.38	11.9	1.5	0.2	19.6	<0.01	0.12	1.0
DD023723		0.25	50.3	920	20.3	8.8	<0.001	0.03	0.41	17.0	1.9	0.4	9.3	<0.01	0.16	2.3
DD023724		0.18	54.3	850	23.3	7.9	<0.001	0.09	0.82	19.4	2.3	0.3	13.5	<0.01	0.19	1.7
DD023725		0.13	52.9	680	20.4	8.7	<0.001	0.04	0.63	16.7	2.1	0.3	14.1	<0.01	0.21	2.1
DD023726		0.11	55.7	700	14.5	5.3	<0.001	0.05	0.44	13.8	1.6	0.3	12.4	<0.01	0.23	2.8
DD023727		0.08	55.4	710	18.7	5.2	<0.001	0.10	0.42	17.4	1.8	0.3	15.9	<0.01	0.18	2.5
DD023728		0.09	47.0	580	26.3	6.0	0.001	0.16	0.73	11.1	1.3	0.3	13.8	<0.01	0.17	3.6
DD023729		0.09	58.6	630	22.6	7.7	0.001	0.12	0.54	13.9	1.6	0.3	19.7	<0.01	0.24	3.2
DD023730		0.11	61.1	730	27.9	7.7	<0.001	0.08	0.60	21.3	2.1	0.3	11.1	<0.01	0.15	3.0
DD023731		0.08	37.8	590	39.6	5.2	0.001	0.34	1.00	9.6	1.2	0.2	23.9	<0.01	0.07	3.9
DD023732		0.08	55.1	660	25.8	7.3	0.001	0.09	0.62	14.7	1.4	0.3	26.6	<0.01	0.14	3.2
DD023733		0.23	48.6	1630	17.0	8.8	<0.001	0.12	0.49	18.4	2.7	0.3	30.4	<0.01	0.11	0.7
DD023734		0.19	55.3	920	19.5	7.1	<0.001	0.09	0.38	16.2	2.4	0.3	28.3	<0.01	0.14	1.6
DD023735		0.21	60.2	880	24.7	7.4	<0.001	0.08	0.42	19.5	2.7	0.3	32.2	<0.01	0.17	1.9
DD023736		0.06	31.4	670	33.3	7.2	<0.001	0.06	1.04	9.7	1.3	0.3	12.3	<0.01	0.09	1.8
DD023737		0.11	31.5	750	28.4	8.5	<0.001	0.08	0.85	12.5	1.8	0.3	21.5	<0.01	0.08	1.9
DD023738		0.10	52.9	550	26.1	9.6	<0.001	0.03	0.71	14.9	2.1	0.4	16.1	<0.01	0.22	2.9
DD023739		0.08	41.2	850	23.2	12.2	<0.001	0.06	0.45	14.9	1.8	0.3	18.7	<0.01	0.16	1.5
DD023740		0.35	37.4	850	12.0	14.2	<0.001	0.04	0.74	7.5	1.2	0.5	25.7	<0.01	0.15	1.4
DD023741		0.38	34.6	1240	14.2	18.3	<0.001	0.09	0.71	9.8	1.8	0.4	40.7	<0.01	0.10	1.1
DD023742		0.26	41.1	620	18.1	9.4	<0.001	0.03	0.78	6.7	0.7	0.4	24.7	<0.01	0.17	1.8
DD023743		0.53	29.1	1200	14.3	12.3	<0.001	0.05	0.82	5.3	0.7	0.5	30.0	<0.01	0.09	1.1
DD023744		0.31	50.7	680	17.1	10.6	<0.001	0.03	1.70	9.0	1.7	0.4	21.2	<0.01	0.21	1.9
DD023745		0.28	39.7	1300	13.3	11.6	<0.001	0.11	2.08	7.8	2.5	0.4	49.7	<0.01	0.13	0.7
DD023746		0.15	45.8	840	19.8	8.4	<0.001	0.07	1.74	10.1	1.6	0.4	45.2	<0.01	0.13	1.5
DD023747		0.07	61.3	640	26.8	6.7	0.001	0.04	2.06	13.4	1.6	0.3	31.1	<0.01	0.24	2.1
DD023748		0.12	40.4	770	26.0	10.6	<0.001	0.04	1.81	8.8	0.6	0.4	25.7	<0.01	0.09	1.6
DD023749		0.08	49.8	550	24.5	6.9	0.001	0.04	2.64	12.4	1.1	0.4	42.4	<0.01	0.08	2.2

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023710	0.005	1.72	0.45	79	0.13	10.40	107	0.6
DD023711	0.005	0.82	0.28	67	0.10	6.74	99	0.7
DD023712	<0.005	1.68	0.87	37	0.25	15.60	95	0.9
DD023713	<0.005	0.17	0.79	24	<0.05	16.20	83	2.2
DD023714	<0.005	0.26	0.45	16	<0.05	15.60	113	1.9
DD023715	<0.005	0.45	0.81	17	<0.05	13.25	129	2.4
DD023716	<0.005	1.21	0.34	29	0.06	10.40	111	1.5
DD023717	0.009	0.29	0.48	93	0.07	6.06	70	0.5
DD023718	<0.005	2.15	0.37	25	0.17	15.75	90	1.7
DD023719	0.013	0.71	0.58	65	0.24	8.89	83	0.5
DD023720	0.021	0.30	0.44	73	0.18	7.05	130	0.6
DD023721	0.010	0.34	0.35	75	0.10	8.70	70	1.3
DD023722	<0.005	0.20	0.27	89	<0.05	11.85	124	0.9
DD023723	0.010	0.26	0.35	91	0.05	21.2	107	1.0
DD023724	0.006	3.23	0.27	88	0.95	22.4	111	1.8
DD023725	<0.005	0.93	0.34	81	0.14	17.95	100	2.4
DD023726	0.006	0.50	0.25	83	0.08	11.10	101	2.5
DD023727	0.005	0.51	0.21	97	<0.05	12.60	96	2.7
DD023728	<0.005	0.88	0.29	43	<0.05	11.05	88	3.0
DD023729	<0.005	0.74	0.30	73	0.05	10.90	107	3.6
DD023730	<0.005	0.59	0.26	82	<0.05	24.0	107	2.2
DD023731	<0.005	0.59	0.43	26	<0.05	11.65	82	6.6
DD023732	<0.005	0.61	0.30	64	<0.05	14.95	101	2.3
DD023733	0.009	0.59	0.34	93	0.05	30.8	94	1.4
DD023734	0.007	0.26	0.28	73	<0.05	22.6	101	1.6
DD023735	0.009	0.36	0.34	89	0.06	26.0	111	1.5
DD023736	<0.005	0.49	0.47	29	0.05	17.05	89	2.6
DD023737	<0.005	0.51	0.61	38	<0.05	20.1	93	3.0
DD023738	<0.005	0.76	0.41	64	0.07	16.30	97	2.8
DD023739	<0.005	0.56	0.45	59	0.05	20.9	81	2.0
DD023740	0.006	0.59	0.43	72	0.15	7.38	76	0.7
DD023741	0.014	0.39	0.36	61	0.10	13.55	107	1.5
DD023742	0.006	0.26	0.37	70	0.10	4.31	81	1.2
DD023743	0.015	0.25	0.56	59	0.19	7.31	82	1.1
DD023744	0.007	0.63	0.59	68	0.15	6.37	82	1.6
DD023745	0.006	0.96	1.37	52	0.14	9.77	71	1.0
DD023746	<0.005	0.41	0.45	31	0.05	12.55	90	2.0
DD023747	<0.005	0.67	0.49	27	0.05	14.35	99	2.1
DD023748	<0.005	0.37	0.46	32	0.09	7.81	102	1.5
DD023749	<0.005	1.09	0.60	26	0.07	18.35	96	2.2

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Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD023750		0.25	0.002	0.10	1.00	33.9	<0.2	<10	60	1.44	0.35	0.87	0.15	19.00	24.0	19
DD023751		0.26	0.005	0.15	0.82	64.6	<0.2	<10	60	1.73	0.50	0.24	0.22	26.3	47.4	17
DD023752		0.31	0.006	0.18	0.80	201	<0.2	<10	70	1.25	0.43	0.25	0.28	18.90	28.0	19
DD023753		0.25	0.007	0.12	1.66	19.7	<0.2	<10	230	1.27	0.26	0.62	0.23	32.6	27.9	25
DD023754		0.26	0.005	0.08	1.59	18.4	<0.2	<10	170	1.00	0.25	0.37	0.33	35.8	38.2	25
DD023755		0.30	0.006	0.12	1.54	35.1	<0.2	<10	230	1.16	0.26	0.59	0.36	30.8	31.7	25
DD023756		0.27	0.008	0.15	1.71	25.8	<0.2	<10	220	1.26	0.31	0.38	0.25	39.6	21.6	29
DD023757		0.23	0.006	0.17	1.46	270	<0.2	<10	320	1.28	0.29	0.47	0.14	30.2	19.6	27
DD023758		0.25	0.006	0.17	0.59	139.5	<0.2	<10	130	1.20	0.39	0.35	0.34	18.85	20.9	12
DD023759		0.19	0.005	0.14	0.81	384	<0.2	<10	140	1.04	0.37	0.38	0.27	13.45	23.0	16
DD023760		0.25	0.004	0.13	0.92	30.1	<0.2	<10	60	1.68	0.45	0.57	0.18	25.0	36.4	18
DD023761		0.18	0.006	0.15	1.33	602	<0.2	<10	230	1.18	0.31	0.42	0.29	36.0	28.7	31
DD023762		0.30	0.008	0.30	1.41	458	<0.2	<10	220	1.30	0.29	0.37	0.37	31.4	23.9	30
DD023763		0.22	0.004	0.06	1.41	339	<0.2	<10	110	1.12	0.32	0.10	0.23	34.7	23.8	28
DD023764		0.21	0.002	0.03	0.98	192.5	<0.2	<10	70	0.66	0.30	0.04	0.20	15.25	18.0	21
DD023765		0.31	0.004	0.04	1.21	194.0	<0.2	<10	60	0.96	0.32	0.03	0.30	17.75	24.2	23
DD023766		0.25	0.005	0.17	0.60	705	<0.2	<10	100	0.92	0.35	0.36	0.27	17.00	19.9	14
DD023767		0.24	0.005	0.16	0.62	594	<0.2	<10	80	0.94	0.40	0.15	0.19	18.70	21.7	14
DD023768		0.21	0.003	0.13	0.62	210	<0.2	<10	90	1.27	0.37	0.64	0.13	17.15	23.6	18
DD023769		0.29	0.003	0.08	0.96	42.7	<0.2	10	90	1.33	0.36	0.65	0.15	25.2	27.9	22
DD023770		0.28	0.003	0.07	1.05	21.3	<0.2	10	60	1.14	0.31	1.48	0.11	22.1	27.3	23
DD023771		0.22	0.005	0.11	0.32	24.6	<0.2	<10	50	0.81	0.50	0.07	0.05	39.3	20.6	10
DD023772		0.23	0.004	0.11	0.32	21.8	<0.2	<10	30	1.04	0.51	0.17	0.10	33.0	33.1	9
DD023773		0.30	0.003	0.08	0.76	15.6	<0.2	<10	70	1.38	0.39	0.28	0.14	28.0	29.4	16
DD023774		0.33	0.002	0.07	0.41	111.5	<0.2	<10	100	0.39	0.26	0.18	0.15	8.39	16.3	15
DD023775		0.23	0.003	0.17	0.41	383	<0.2	<10	100	0.58	0.35	0.24	0.09	5.44	15.6	13
DD023776		0.20	0.001	0.08	0.74	175.0	<0.2	<10	70	0.48	0.29	0.10	0.14	6.19	14.2	16
DD023777		0.22	0.006	0.12	0.52	424	<0.2	<10	60	0.76	0.46	0.11	0.24	6.45	20.4	14
DD023778		0.23	0.007	0.25	0.66	237	<0.2	<10	90	0.84	0.40	0.22	0.38	8.92	23.3	13
DD023779		0.31	0.007	0.14	0.72	100.0	<0.2	<10	100	0.88	0.32	0.39	0.49	10.20	30.1	16
DD023780		0.20	0.003	0.12	1.16	209	<0.2	<10	70	0.77	0.32	0.04	0.20	20.8	27.5	24
DD023781		0.25	0.006	0.08	1.44	415	<0.2	<10	80	1.07	0.33	0.09	0.21	34.8	36.8	31
DD023782		0.24	0.005	0.14	1.31	445	<0.2	<10	140	1.13	0.29	0.37	0.33	32.9	45.1	27
DD023783		0.25	0.005	0.14	0.73	381	<0.2	<10	70	0.94	0.33	0.24	0.30	20.1	25.6	18
DD023784		0.20	0.005	0.17	0.75	479	<0.2	<10	90	0.93	0.37	0.31	0.23	13.80	22.5	16
DD023785		0.28	0.005	0.10	1.98	87.1	<0.2	<10	280	1.28	0.27	0.39	0.27	38.2	30.8	34
DD023786		0.23	0.001	0.06	0.85	12.1	<0.2	<10	70	0.20	0.29	0.03	0.14	19.85	6.0	17
DD023787		0.28	0.007	0.11	1.73	21.4	<0.2	<10	210	1.13	0.24	0.35	0.24	39.8	28.2	31
DD023788		0.29	0.011	0.16	1.63	19.1	<0.2	<10	310	1.26	0.21	0.90	0.49	39.0	36.3	29
DD023789		0.38	0.033	0.20	2.65	9.3	<0.2	<10	580	1.84	0.21	0.83	0.74	51.4	63.9	42

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023750		4.39	67.4	4.96	3.08	0.06	0.08	0.24	0.051	0.10	7.9	15.4	0.32	735	1.31	0.01
DD023751		5.81	108.0	6.66	2.53	0.07	0.06	0.45	0.058	0.09	7.9	13.5	0.29	1460	1.83	<0.01
DD023752		4.55	94.0	6.49	2.65	0.06	0.06	1.27	0.061	0.09	6.7	9.2	0.21	746	2.22	0.01
DD023753		8.90	132.5	4.54	5.79	0.06	0.05	0.06	0.042	0.07	15.3	20.0	1.00	1110	1.45	0.01
DD023754		7.43	104.0	4.63	6.06	0.05	0.04	0.08	0.040	0.09	14.4	19.0	0.96	1520	1.40	0.01
DD023755		11.50	142.0	4.61	5.46	0.06	0.03	0.09	0.049	0.09	14.0	15.5	0.79	1300	1.44	0.01
DD023756		10.95	144.0	4.68	5.83	0.07	0.05	0.09	0.046	0.09	19.1	19.5	0.89	552	1.36	0.01
DD023757		16.00	113.0	5.10	5.22	0.06	0.05	0.35	0.051	0.08	15.1	14.4	0.58	475	1.77	<0.01
DD023758		3.74	129.0	4.67	1.70	0.06	0.04	1.93	0.061	0.08	6.4	6.4	0.16	335	4.56	0.01
DD023759		6.85	79.8	5.64	2.81	<0.05	0.05	0.91	0.053	0.10	5.1	6.9	0.22	641	3.22	0.01
DD023760		4.25	96.8	5.73	2.82	0.06	0.08	0.57	0.055	0.10	8.3	15.3	0.34	1320	2.18	<0.01
DD023761		9.05	165.5	7.14	4.88	0.07	0.05	0.95	0.065	0.10	18.1	11.2	0.46	669	1.11	0.01
DD023762		23.7	155.5	6.39	4.80	0.07	0.07	0.60	0.063	0.12	16.1	16.4	0.53	496	1.04	0.01
DD023763		8.19	99.2	5.67	4.42	0.06	0.03	0.22	0.057	0.07	13.0	19.8	0.37	773	1.31	<0.01
DD023764		5.13	61.2	4.71	3.95	<0.05	<0.02	0.09	0.041	0.07	5.3	8.2	0.15	667	1.30	<0.01
DD023765		5.59	76.7	5.31	3.83	<0.05	0.03	0.14	0.050	0.08	6.2	13.3	0.24	587	1.67	<0.01
DD023766		2.82	61.8	5.75	2.13	<0.05	0.05	1.42	0.054	0.11	6.5	3.3	0.09	728	1.95	0.01
DD023767		4.50	76.8	5.99	2.18	0.05	0.02	1.17	0.053	0.10	7.4	5.2	0.10	529	2.47	0.01
DD023768		3.78	67.1	5.07	2.17	0.06	0.06	0.52	0.056	0.13	7.3	4.5	0.12	766	1.19	0.01
DD023769		2.64	70.5	5.51	3.10	0.06	0.08	0.23	0.056	0.13	8.9	15.3	0.32	895	1.30	<0.01
DD023770		3.46	63.5	5.03	3.34	0.06	0.10	0.27	0.050	0.09	7.7	21.0	0.42	689	1.11	0.01
DD023771		6.12	76.7	4.65	1.47	0.08	0.07	1.77	0.055	0.10	11.8	2.1	0.05	709	3.08	<0.01
DD023772		4.15	78.7	5.88	1.18	0.15	0.08	1.19	0.055	0.08	10.5	2.2	0.05	833	3.43	<0.01
DD023773		8.89	69.4	5.22	2.56	0.12	0.06	0.25	0.051	0.09	9.2	7.8	0.16	1680	2.65	<0.01
DD023774		4.52	49.3	3.84	2.56	0.07	<0.02	0.08	0.032	0.09	3.5	1.4	0.07	610	1.15	<0.01
DD023775		5.45	54.3	4.00	1.99	0.06	0.03	0.65	0.039	0.10	2.5	2.2	0.08	348	1.04	<0.01
DD023776		3.83	42.4	3.83	3.38	0.06	<0.02	0.24	0.032	0.10	2.7	6.6	0.15	587	1.09	<0.01
DD023777		3.42	72.1	6.35	2.23	0.10	0.02	1.42	0.065	0.08	2.5	1.8	0.05	678	2.70	<0.01
DD023778		4.36	76.8	6.38	2.09	0.12	0.05	1.58	0.060	0.09	3.2	3.5	0.09	1020	2.49	<0.01
DD023779		4.36	99.1	7.31	2.49	0.14	0.08	0.60	0.071	0.10	3.7	5.4	0.18	1420	2.14	<0.01
DD023780		3.55	88.8	6.07	4.36	0.11	0.04	0.28	0.057	0.07	7.2	14.3	0.26	1010	1.47	<0.01
DD023781		6.37	146.0	7.19	5.73	0.15	0.04	0.52	0.067	0.07	15.8	17.7	0.42	979	1.44	<0.01
DD023782		9.95	147.5	6.47	4.97	0.16	0.06	0.47	0.062	0.08	16.2	18.2	0.50	1300	1.39	0.01
DD023783		5.11	89.4	5.63	2.69	0.12	0.06	0.60	0.055	0.08	7.8	8.5	0.23	818	2.88	0.01
DD023784		5.35	83.3	5.66	2.57	0.11	0.07	1.05	0.059	0.08	5.7	7.1	0.22	603	2.79	0.01
DD023785		3.83	146.0	6.02	7.25	0.14	0.08	0.25	0.052	0.09	17.4	26.0	1.17	709	1.38	0.01
DD023786		2.82	18.8	2.44	6.21	0.06	<0.02	0.05	0.019	0.06	9.3	3.4	0.13	342	1.33	0.01
DD023787		6.92	124.5	5.40	6.49	0.13	0.07	0.08	0.047	0.08	18.6	23.8	1.12	889	1.30	0.01
DD023788		9.73	152.0	5.00	5.72	0.13	0.08	0.10	0.046	0.09	17.3	21.6	0.97	1880	1.25	0.01
DD023789		9.67	307	7.50	10.05	0.18	0.09	0.09	0.063	0.08	22.4	40.9	2.05	3040	0.91	0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023750	0.11	43.2	750	22.5	7.6	<0.001	0.08	0.87	10.7	1.3	0.4	72.9	<0.01	0.07	1.6
DD023751	0.06	75.9	410	35.2	6.4	0.001	0.04	2.17	14.1	1.1	0.4	38.9	<0.01	0.13	4.1
DD023752	0.10	61.8	500	26.7	7.9	0.001	0.03	2.29	12.8	1.4	0.4	31.6	<0.01	0.16	2.4
DD023753	0.25	33.8	1050	19.0	9.3	<0.001	0.06	0.60	8.7	1.5	0.3	46.9	<0.01	0.09	1.2
DD023754	0.30	33.2	730	19.4	9.0	<0.001	0.04	0.57	7.5	1.0	0.3	14.9	<0.01	0.09	1.5
DD023755	0.23	31.5	1230	19.1	9.2	<0.001	0.10	0.57	6.9	1.5	0.3	19.6	<0.01	0.09	0.4
DD023756	0.27	35.9	1040	19.6	9.7	<0.001	0.04	0.61	12.1	1.9	0.4	19.6	<0.01	0.11	1.5
DD023757	0.20	32.6	750	16.1	13.3	<0.001	0.03	0.80	12.1	2.0	0.4	25.2	<0.01	0.13	1.5
DD023758	0.08	44.3	510	24.0	7.1	0.003	0.03	1.56	12.8	2.6	0.3	43.5	<0.01	0.15	2.2
DD023759	0.14	41.9	800	23.2	10.7	0.001	0.05	3.04	9.0	1.5	0.4	28.1	<0.01	0.16	1.2
DD023760	0.06	59.8	490	31.4	6.1	<0.001	0.04	0.78	13.0	1.3	0.4	46.8	<0.01	0.12	2.8
DD023761	0.12	52.6	770	15.4	14.1	<0.001	0.05	2.21	13.8	3.8	0.4	26.8	<0.01	0.23	1.4
DD023762	0.14	48.5	680	14.3	21.3	<0.001	0.03	1.76	15.4	2.1	0.4	28.4	<0.01	0.22	1.8
DD023763	0.33	41.4	830	19.1	10.9	<0.001	0.02	1.67	7.2	1.1	0.4	11.6	<0.01	0.14	1.4
DD023764	0.31	33.1	700	16.3	11.5	<0.001	0.02	1.52	3.6	0.4	0.4	7.2	<0.01	0.10	0.4
DD023765	0.28	41.5	700	18.0	10.2	<0.001	0.01	1.51	5.9	0.7	0.4	8.5	<0.01	0.13	1.1
DD023766	0.11	41.6	640	23.4	7.5	<0.001	0.07	6.60	9.5	1.5	0.4	34.9	<0.01	0.10	1.6
DD023767	0.12	44.0	480	23.8	7.9	0.001	0.04	6.55	9.5	1.0	0.4	21.3	<0.01	0.14	1.6
DD023768	0.07	44.2	550	22.6	8.4	<0.001	0.05	2.64	12.1	1.1	0.4	53.3	<0.01	0.08	1.8
DD023769	0.06	50.8	570	22.8	7.3	<0.001	0.05	1.87	12.7	1.3	0.4	55.1	<0.01	0.07	2.3
DD023770	0.08	49.5	470	20.0	7.0	<0.001	0.05	1.52	12.7	1.3	0.3	115.5	<0.01	0.04	2.5
DD023771	<0.05	37.2	310	40.2	6.4	0.002	0.02	0.89	7.7	1.4	0.4	15.8	<0.01	0.19	6.0
DD023772	0.06	54.0	330	33.4	5.3	0.002	0.06	0.76	9.6	1.2	0.4	25.6	<0.01	0.17	5.8
DD023773	0.15	47.5	950	29.5	8.6	0.001	0.07	0.55	8.2	1.0	0.4	22.3	0.01	0.09	1.9
DD023774	0.37	29.8	570	16.7	9.6	<0.001	0.05	1.12	5.2	0.4	0.4	14.0	<0.01	0.07	0.7
DD023775	0.19	28.7	490	25.3	8.9	<0.001	0.08	3.90	5.7	0.8	0.4	30.0	<0.01	0.09	0.8
DD023776	0.30	23.3	700	21.4	9.7	<0.001	0.07	1.72	3.0	0.6	0.4	13.8	<0.01	0.08	0.4
DD023777	0.20	48.5	640	27.4	7.8	0.001	0.04	3.62	5.1	2.0	0.5	17.1	<0.01	0.23	0.7
DD023778	0.17	48.6	630	26.9	7.5	0.001	0.05	3.12	10.0	2.1	0.4	21.8	<0.01	0.20	1.5
DD023779	0.19	50.1	700	18.9	6.1	0.001	0.05	1.10	14.2	1.9	0.4	17.0	0.01	0.21	1.5
DD023780	0.30	42.9	520	18.1	9.2	<0.001	0.03	1.35	8.4	0.9	0.4	8.2	<0.01	0.15	2.3
DD023781	0.25	50.9	810	19.6	9.4	<0.001	0.04	1.58	8.5	1.2	0.4	9.4	<0.01	0.22	1.8
DD023782	0.22	60.6	900	15.1	11.7	0.001	0.08	1.64	11.0	1.6	0.4	23.4	0.01	0.20	1.5
DD023783	0.18	43.5	580	22.2	7.2	0.001	0.05	2.51	9.9	1.3	0.3	18.2	<0.01	0.15	1.9
DD023784	0.21	42.6	590	24.9	8.4	0.001	0.06	3.14	9.7	1.4	0.4	22.3	<0.01	0.15	1.7
DD023785	0.23	48.4	760	13.3	9.4	<0.001	0.05	0.42	10.8	1.5	0.4	17.7	<0.01	0.16	1.9
DD023786	0.68	9.4	750	9.3	12.1	<0.001	0.08	0.55	0.9	0.6	0.8	5.1	<0.01	0.06	<0.2
DD023787	0.33	39.9	810	15.9	7.3	<0.001	0.06	0.60	11.3	1.1	0.3	15.7	0.01	0.10	1.7
DD023788	0.36	37.9	1130	16.4	7.4	<0.001	0.11	0.62	12.9	1.5	0.3	25.6	0.01	0.10	1.2
DD023789	0.22	53.5	980	23.0	6.0	<0.001	0.07	0.22	21.5	1.8	0.3	31.8	0.01	0.14	1.7

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Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023750		<0.005	0.14	0.61	24	<0.05	18.80	103	2.1
DD023751		<0.005	0.27	0.78	24	<0.05	15.35	129	2.1
DD023752		<0.005	0.68	0.50	31	0.05	14.10	100	1.7
DD023753		0.010	0.14	0.46	55	0.07	14.65	66	1.3
DD023754		0.013	0.13	0.36	58	0.05	8.08	67	0.9
DD023755		0.010	0.19	0.41	59	0.06	14.60	72	0.5
DD023756		0.014	0.22	0.54	60	0.07	20.1	83	1.1
DD023757		<0.005	0.69	0.83	58	0.11	13.70	73	1.3
DD023758		<0.005	0.66	0.51	24	0.05	12.50	93	1.6
DD023759		<0.005	1.08	0.44	35	0.16	8.44	87	1.3
DD023760		<0.005	0.19	0.66	22	<0.05	17.75	113	2.6
DD023761		<0.005	1.31	0.44	77	0.14	12.00	104	1.2
DD023762		<0.005	1.05	0.36	69	0.12	14.65	109	1.7
DD023763		0.009	0.77	0.52	57	0.16	8.35	89	0.7
DD023764		0.008	0.33	0.40	42	0.09	4.12	81	<0.5
DD023765		0.007	0.37	0.41	43	0.09	4.85	96	0.6
DD023766		<0.005	2.28	0.41	24	0.18	9.83	87	1.3
DD023767		<0.005	1.47	0.37	28	0.16	8.72	93	0.5
DD023768		<0.005	0.86	0.62	28	0.06	17.70	94	1.4
DD023769		<0.005	0.27	0.46	28	<0.05	16.70	108	2.1
DD023770		<0.005	0.15	0.47	27	<0.05	16.10	102	3.0
DD023771		<0.005	0.30	0.41	21	<0.05	7.85	110	3.8
DD023772		<0.005	0.36	0.53	18	<0.05	10.00	114	3.8
DD023773		<0.005	0.16	0.71	25	0.05	12.95	99	1.0
DD023774		0.008	0.25	0.32	37	0.13	2.78	78	<0.5
DD023775		<0.005	1.38	0.38	27	0.17	7.67	72	0.5
DD023776		0.008	0.69	0.38	32	0.13	3.13	71	<0.5
DD023777		<0.005	1.60	0.49	33	0.25	4.26	98	<0.5
DD023778		<0.005	1.68	0.53	28	0.15	10.25	86	1.0
DD023779		<0.005	0.67	0.32	44	0.07	11.80	94	2.1
DD023780		<0.005	0.41	0.33	52	0.07	4.54	86	0.9
DD023781		<0.005	0.77	0.31	76	0.12	7.18	92	0.7
DD023782		<0.005	0.87	0.40	69	0.13	13.30	87	1.0
DD023783		<0.005	0.91	0.42	40	0.18	9.53	90	1.5
DD023784		<0.005	1.24	0.45	35	0.25	9.71	88	1.6
DD023785		0.005	0.24	0.40	76	0.07	9.43	91	1.7
DD023786		0.020	0.12	0.45	64	0.17	1.88	36	<0.5
DD023787		0.012	0.16	0.43	70	0.08	16.00	83	1.3
DD023788		0.013	0.23	0.44	65	0.14	21.0	76	1.3
DD023789		0.009	0.12	0.31	102	0.06	24.4	96	1.3

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Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD023790		0.39	0.024	0.17	1.32	24.3	<0.2	<10	210	1.75	0.26	0.98	0.42	47.5	51.4	32
DD023791		0.26	0.008	0.22	0.85	61.3	<0.2	<10	60	1.35	0.32	0.77	0.25	30.3	25.5	14
DD023792		0.25	0.009	0.15	0.64	65.8	<0.2	<10	40	1.42	0.30	0.97	0.22	27.4	26.2	10
DD023793		0.24	0.011	0.13	1.47	33.5	<0.2	<10	180	1.44	0.27	0.46	0.31	35.6	32.9	25
DD023794		0.34	0.007	0.15	1.43	34.3	<0.2	<10	180	1.29	0.27	0.54	0.32	37.6	30.7	25
ZZ78627		0.40	0.004	0.14	0.84	56.7	<0.2	<10	50	1.21	0.45	0.19	0.17	8.24	43.6	20
ZZ78628		0.41	0.003	0.12	0.49	45.0	<0.2	<10	50	1.12	0.43	0.28	0.13	8.98	36.5	15
ZZ78629		0.28	0.003	0.10	0.51	47.3	<0.2	<10	50	1.15	0.40	0.29	0.11	8.71	35.1	15
ZZ78630		0.33	0.003	0.09	0.61	37.9	<0.2	<10	60	1.08	0.33	0.73	0.13	14.85	31.3	18
ZZ78631		0.51	0.004	0.10	0.63	39.9	<0.2	<10	60	1.11	0.34	0.42	0.14	15.60	32.4	18
ZZ78632		0.34	0.004	0.10	0.48	48.5	<0.2	<10	50	1.07	0.40	0.24	0.12	12.00	31.7	15
ZZ78633		0.37	0.006	0.15	0.33	>10000	<0.2	<10	940	0.75	0.16	3.53	0.41	7.37	47.1	27
ZZ78634		0.40	0.008	0.12	0.63	361	<0.2	<10	230	1.09	0.28	0.16	0.46	49.3	42.2	38
ZZ78635		0.35	0.018	0.22	1.10	492	<0.2	<10	400	1.35	0.28	0.28	0.47	49.1	47.0	34
ZZ78636		0.45	0.021	0.13	1.04	963	<0.2	<10	400	1.25	0.22	2.49	0.49	37.8	48.8	28
ZZ78637		0.38	0.025	0.20	1.22	647	<0.2	<10	410	1.23	0.26	1.19	0.40	42.9	49.6	32
ZZ78638		0.36	0.003	0.14	0.29	1015	<0.2	<10	50	0.76	0.31	3.66	0.28	13.05	23.2	8
ZZ78639		0.25	0.010	0.14	1.29	915	<0.2	10	220	1.14	0.27	0.47	0.64	44.8	39.0	26
ZZ78640		0.38	0.008	0.20	0.69	430	<0.2	<10	180	1.48	0.39	0.21	0.37	28.2	30.6	15
ZZ78641		0.30	0.003	0.05	1.41	257	<0.2	<10	100	0.76	0.29	0.05	0.34	30.0	24.8	27
ZZ78642		0.20	0.006	0.08	0.83	135.0	<0.2	<10	1200	1.22	0.21	0.52	0.69	27.5	35.6	44
ZZ78643		0.28	0.006	0.09	2.08	223	<0.2	<10	320	1.00	0.28	0.48	0.42	33.9	29.3	40
ZZ78644		0.36	0.003	0.05	1.95	296	<0.2	<10	300	1.35	0.29	0.62	0.38	32.2	31.2	34
ZZ78645		0.34	0.006	0.10	1.65	85.2	<0.2	<10	450	1.17	0.20	1.12	0.63	32.5	33.3	32
ZZ78646		0.30	0.007	0.11	1.84	165.0	<0.2	<10	440	1.36	0.26	0.62	0.73	47.0	38.3	32
ZZ78647		0.31	0.015	0.21	1.16	928	<0.2	10	340	1.32	0.26	0.39	0.41	36.2	41.8	32
ZZ78648		0.37	0.009	0.13	0.76	1585	<0.2	10	300	1.09	0.26	0.16	0.42	33.6	34.0	23
ZZ78649		0.29	0.012	0.14	1.26	121.5	<0.2	<10	190	1.52	0.31	0.27	0.40	51.3	44.8	31
ZZ78650		0.31	0.014	0.14	1.72	242	<0.2	<10	320	1.63	0.31	0.33	0.50	45.3	53.4	36
ZZ78651		0.37	0.009	0.10	1.22	189.0	<0.2	<10	170	1.43	0.31	0.92	0.37	31.2	44.8	27
ZZ78652		0.36	0.014	0.17	1.47	65.5	<0.2	<10	200	1.71	0.37	0.28	0.60	43.9	49.5	28
ZZ78653		0.29	0.013	0.19	1.85	219	<0.2	<10	250	1.75	0.26	0.39	0.47	53.1	49.4	37
ZZ78654		0.33	0.030	0.24	1.83	74.5	<0.2	<10	360	1.83	0.34	0.53	0.36	35.9	37.4	32
ZZ78655		0.33	0.011	0.15	1.37	124.0	<0.2	<10	190	1.59	0.33	0.24	0.40	51.1	43.9	31
ZZ78656		0.31	0.011	0.16	0.95	550	<0.2	10	390	1.41	0.31	0.41	0.39	39.3	39.2	24
ZZ78657		0.41	0.011	0.19	1.18	774	<0.2	10	330	1.27	0.27	0.32	0.42	37.6	35.0	28
ZZ78658		0.38	0.011	0.16	2.25	72.7	<0.2	<10	400	1.62	0.22	0.48	0.65	51.9	43.5	40
ZZ78659		0.31	0.002	0.06	2.22	92.4	<0.2	<10	80	0.75	0.26	0.04	0.31	34.9	27.6	37
ZZ78660		0.47	0.004	0.09	0.92	106.0	<0.2	10	490	1.13	0.20	0.41	0.61	32.2	39.3	28
ZZ78661		0.43	0.002	0.03	0.93	65.7	<0.2	<10	110	0.80	0.34	0.06	0.24	46.6	35.1	22

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD023790		26.3	294	7.13	5.15	0.17	0.08	0.16	0.070	0.09	21.4	18.4	1.07	1780	1.67	0.01
DD023791		3.97	103.5	5.44	2.91	0.12	0.11	0.36	0.043	0.08	14.4	7.0	0.34	832	3.50	0.01
DD023792		3.31	76.8	4.32	2.16	0.10	0.12	0.34	0.040	0.07	11.7	7.5	0.51	935	2.23	0.01
DD023793		8.04	121.5	5.20	5.42	0.14	0.11	0.12	0.046	0.09	16.0	20.0	0.91	1280	1.90	0.01
DD023794		7.26	137.5	5.31	5.23	0.13	0.10	0.15	0.046	0.09	17.4	18.9	0.91	1110	2.37	0.01
ZZ78627		12.10	90.5	5.91	2.76	0.11	0.08	0.35	0.053	0.09	2.4	15.8	0.41	1270	1.09	<0.01
ZZ78628		5.93	82.0	5.53	1.94	0.10	0.10	0.49	0.054	0.09	2.7	7.5	0.22	1300	1.60	<0.01
ZZ78629		5.55	80.2	5.36	1.88	0.10	0.08	0.42	0.051	0.10	2.7	8.1	0.24	1200	1.40	0.01
ZZ78630		3.78	73.2	5.33	2.25	0.11	0.08	0.36	0.053	0.09	4.4	10.4	0.27	1280	1.10	0.01
ZZ78631		3.45	75.0	5.43	2.27	0.11	0.07	0.35	0.056	0.09	4.9	10.4	0.25	1280	0.99	0.01
ZZ78632		4.20	76.1	5.19	1.80	0.11	0.06	0.54	0.056	0.09	3.7	6.7	0.18	1160	1.32	<0.01
ZZ78633		6.30	159.0	14.30	2.21	0.27	0.05	13.85	0.100	0.07	2.8	1.4	1.81	4680	0.28	0.01
ZZ78634		2.41	167.0	7.72	3.46	0.18	0.04	0.71	0.068	0.07	21.0	6.3	0.25	1710	0.71	<0.01
ZZ78635		9.07	190.0	8.54	4.89	0.19	0.06	0.56	0.065	0.07	21.1	13.0	0.60	2120	0.77	0.01
ZZ78636		9.19	221	8.89	4.60	0.18	0.06	0.63	0.072	0.09	15.8	15.0	1.20	1840	0.51	0.01
ZZ78637		11.10	191.0	8.11	5.19	0.19	0.05	0.45	0.065	0.10	18.9	15.1	1.21	1760	0.71	0.01
ZZ78638		5.98	70.3	4.46	1.39	0.08	0.13	0.78	0.048	0.08	4.6	3.1	1.70	1040	4.22	0.01
ZZ78639		11.50	205	8.34	5.16	0.20	0.08	0.34	0.081	0.10	17.9	17.4	0.88	2290	1.04	0.01
ZZ78640		12.25	113.0	5.83	2.55	0.06	0.05	0.80	0.047	0.11	9.9	6.6	0.26	1120	3.94	<0.01
ZZ78641		12.90	83.7	5.45	5.50	0.05	<0.02	0.15	0.050	0.06	10.0	13.6	0.38	1280	1.62	0.01
ZZ78642		5.87	149.5	7.65	3.65	0.06	0.02	0.79	0.076	0.06	8.4	9.5	0.38	2850	0.75	0.01
ZZ78643		10.85	142.0	6.05	8.83	0.06	0.04	0.24	0.063	0.08	14.9	27.3	1.25	1100	0.80	0.01
ZZ78644		11.55	110.5	5.94	7.32	0.05	0.04	0.15	0.057	0.08	13.5	24.1	0.98	1180	1.17	0.01
ZZ78645		14.20	156.0	6.40	6.55	0.09	0.03	0.26	0.058	0.08	13.4	21.4	1.11	2140	1.03	0.01
ZZ78646		9.15	174.5	6.31	6.91	0.11	0.06	0.26	0.053	0.09	20.2	23.9	1.33	2330	1.82	<0.01
ZZ78647		11.75	197.5	7.89	5.15	0.08	0.05	2.35	0.074	0.09	15.1	14.9	0.70	1320	1.30	<0.01
ZZ78648		6.35	172.0	7.14	3.72	0.09	0.03	2.11	0.072	0.10	13.3	9.5	0.33	1140	4.15	0.01
ZZ78649		10.50	190.0	7.66	5.39	0.08	0.04	0.26	0.062	0.09	21.2	14.2	0.80	1360	3.70	<0.01
ZZ78650		21.3	217	8.01	6.91	0.10	0.05	0.31	0.066	0.09	16.5	21.6	1.16	1780	3.02	0.01
ZZ78651		13.80	188.5	7.36	4.85	0.09	0.08	0.41	0.059	0.09	12.3	15.0	1.12	1000	7.99	0.01
ZZ78652		22.0	212	7.29	5.67	0.10	0.06	0.42	0.061	0.11	17.6	17.1	1.03	1390	5.29	0.01
ZZ78653		17.00	240	7.97	7.37	0.09	0.05	0.28	0.071	0.10	24.1	22.3	1.27	1700	0.87	<0.01
ZZ78654		16.70	220	6.69	6.82	0.07	0.10	0.18	0.061	0.10	15.3	20.7	1.22	1240	1.63	0.01
ZZ78655		8.73	190.0	7.25	5.71	0.10	0.05	0.24	0.055	0.09	20.4	15.9	0.85	1260	3.48	<0.01
ZZ78656		11.10	173.5	7.35	4.07	0.09	0.06	0.78	0.065	0.10	16.5	10.5	0.51	1220	2.04	0.01
ZZ78657		13.15	178.5	7.16	4.75	0.07	0.05	1.40	0.064	0.10	16.5	13.4	0.65	1080	2.01	0.01
ZZ78658		18.50	177.0	7.76	8.39	0.09	0.04	0.17	0.072	0.07	20.8	24.4	1.28	2990	0.87	0.01
ZZ78659		18.45	119.0	6.42	11.00	0.06	0.02	0.10	0.061	0.07	15.2	22.9	1.08	1160	1.25	0.01
ZZ78660		18.80	181.5	8.00	3.40	0.08	0.02	0.26	0.079	0.09	15.1	12.9	0.38	2010	0.83	0.01
ZZ78661		16.20	106.5	5.97	4.69	0.06	<0.02	0.17	0.048	0.11	21.3	7.1	0.31	1220	0.75	<0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
DD023790		0.23	57.2	720	18.1	7.8	0.001	0.08	0.44	20.4	1.7	0.4	48.0	0.01	0.15	2.5
DD023791		0.16	36.4	960	37.8	6.5	0.001	0.10	1.17	8.6	1.2	0.2	16.9	0.01	0.14	1.8
DD023792		0.10	31.3	660	28.0	4.8	0.001	0.10	1.36	9.2	1.1	0.2	12.4	0.01	0.08	2.5
DD023793		0.29	37.1	970	24.1	7.3	<0.001	0.08	0.76	12.2	1.3	0.3	14.6	0.01	0.09	2.0
DD023794		0.26	39.1	850	22.7	6.4	0.001	0.09	0.81	11.5	1.3	0.3	15.5	0.01	0.10	2.2
ZZ78627		0.07	61.3	400	34.7	7.1	0.001	0.08	1.10	11.4	0.7	0.4	27.8	<0.01	0.13	3.5
ZZ78628		0.05	60.2	330	29.1	6.6	0.001	0.10	1.07	10.8	0.8	0.4	34.7	<0.01	0.12	3.6
ZZ78629		0.06	57.2	350	26.9	6.3	0.001	0.09	1.04	10.6	0.8	0.4	32.1	<0.01	0.12	3.4
ZZ78630		0.08	53.7	380	21.8	6.0	0.001	0.07	0.75	11.6	0.8	0.4	55.1	<0.01	0.08	3.5
ZZ78631		0.09	53.7	400	21.9	6.0	0.001	0.05	0.76	12.0	0.8	0.4	43.3	<0.01	0.08	3.7
ZZ78632		0.08	52.4	320	25.6	5.9	0.001	0.06	1.07	10.7	0.8	0.4	35.8	<0.01	0.11	3.3
ZZ78633		0.23	59.5	130	15.7	4.8	<0.001	0.06	6.76	25.7	1.2	0.4	61.1	0.01	0.12	0.7
ZZ78634		0.18	63.8	660	15.0	5.5	<0.001	0.02	1.14	15.6	1.4	0.4	20.2	0.01	0.19	2.7
ZZ78635		0.21	64.6	700	19.0	7.3	<0.001	0.03	0.69	16.2	1.3	0.4	20.2	0.01	0.19	2.3
ZZ78636		0.10	73.9	510	17.0	7.5	<0.001	0.23	1.22	18.3	1.4	0.2	42.2	0.01	0.16	2.0
ZZ78637		0.09	70.8	540	17.0	9.2	0.001	0.13	0.69	16.2	1.4	0.3	42.2	0.01	0.17	2.4
ZZ78638		0.05	33.6	480	32.5	5.7	0.001	0.38	1.49	9.3	0.7	0.3	28.3	<0.01	0.08	3.3
ZZ78639		0.12	55.5	650	16.5	8.7	<0.001	0.15	1.09	20.0	1.6	0.3	16.2	0.01	0.20	2.7
ZZ78640		0.05	44.7	660	29.9	8.7	0.001	0.06	1.21	10.7	1.4	0.3	9.3	<0.01	0.20	2.4
ZZ78641		0.32	31.6	970	20.2	9.4	<0.001	0.05	0.97	3.4	0.5	0.5	6.7	<0.01	0.14	0.4
ZZ78642		0.10	48.8	880	12.2	6.2	<0.001	0.07	1.00	22.0	1.3	0.3	13.2	<0.01	0.13	0.6
ZZ78643		0.24	43.8	920	14.0	9.9	<0.001	0.05	0.54	13.3	1.1	0.4	15.6	<0.01	0.15	1.4
ZZ78644		0.29	38.4	1210	18.5	11.0	<0.001	0.06	0.66	6.5	0.6	0.4	17.3	<0.01	0.17	0.9
ZZ78645		0.10	44.6	1060	16.2	7.2	<0.001	0.09	0.33	14.7	1.1	0.2	25.9	<0.01	0.15	0.7
ZZ78646		0.12	53.1	700	15.3	7.3	0.001	0.04	0.61	14.2	1.6	0.3	17.3	<0.01	0.19	1.9
ZZ78647		0.05	59.9	620	18.8	8.0	<0.001	0.11	0.91	23.7	1.8	0.4	14.6	<0.01	0.18	1.8
ZZ78648		<0.05	50.1	570	16.8	6.8	0.001	0.14	1.68	17.9	1.2	0.4	12.4	<0.01	0.18	1.9
ZZ78649		0.05	63.5	650	17.0	8.0	<0.001	0.03	0.44	16.4	1.2	0.3	13.3	<0.01	0.27	3.0
ZZ78650		0.05	63.7	630	19.4	9.2	<0.001	0.04	0.52	20.3	1.2	0.4	18.8	<0.01	0.23	2.8
ZZ78651		<0.05	61.1	550	19.7	7.7	0.001	0.13	0.71	13.7	1.1	0.3	23.8	<0.01	0.24	2.6
ZZ78652		<0.05	62.0	640	27.2	9.5	0.001	0.11	0.66	14.9	1.5	0.3	10.2	<0.01	0.24	3.3
ZZ78653		0.08	63.1	720	18.3	8.7	<0.001	0.04	0.44	23.2	1.7	0.3	12.8	<0.01	0.21	2.0
ZZ78654		0.09	49.4	760	24.6	10.0	0.001	0.04	0.38	19.4	1.5	0.4	14.9	<0.01	0.20	2.1
ZZ78655		<0.05	62.0	680	18.4	7.2	0.001	0.03	0.46	15.6	1.2	0.3	11.3	<0.01	0.25	3.3
ZZ78656		0.06	55.4	640	17.2	8.6	<0.001	0.06	0.83	16.8	1.6	0.3	15.1	<0.01	0.22	2.1
ZZ78657		0.07	51.0	660	22.2	8.7	<0.001	0.07	0.85	18.1	1.3	0.3	12.3	<0.01	0.20	1.9
ZZ78658		0.18	46.2	1350	23.5	10.3	0.001	0.07	0.47	22.4	1.9	0.3	18.0	<0.01	0.16	1.1
ZZ78659		0.33	32.6	1070	13.7	12.8	<0.001	0.07	0.48	5.8	0.6	0.5	5.0	<0.01	0.19	0.9
ZZ78660		0.09	45.2	1020	13.3	8.6	<0.001	0.05	0.36	19.8	1.6	0.2	13.3	<0.01	0.15	0.6
ZZ78661		0.12	31.7	860	15.6	9.8	<0.001	0.03	0.35	5.4	1.1	0.3	3.8	<0.01	0.29	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023790		0.007	0.46	0.29	90	0.07	19.55	106	1.7
DD023791		<0.005	0.32	0.40	39	<0.05	13.05	67	3.0
DD023792		<0.005	0.28	0.39	19	<0.05	16.45	66	3.1
DD023793		0.009	0.20	0.48	54	0.08	18.30	80	2.4
DD023794		0.009	0.27	0.45	54	0.06	17.40	80	2.3
ZZ78627		<0.005	0.24	0.50	27	<0.05	9.21	111	3.7
ZZ78628		<0.005	0.21	0.47	21	<0.05	8.96	102	4.9
ZZ78629		<0.005	0.19	0.45	21	<0.05	8.49	100	3.7
ZZ78630		<0.005	0.15	0.45	25	<0.05	11.25	99	3.6
ZZ78631		<0.005	0.16	0.49	26	<0.05	11.85	101	3.3
ZZ78632		<0.005	0.20	0.44	22	<0.05	10.30	97	2.4
ZZ78633		<0.005	20.6	0.11	153	0.86	18.75	129	0.8
ZZ78634		0.006	0.78	0.30	96	0.12	11.40	113	0.5
ZZ78635		0.005	1.16	0.26	93	0.13	15.45	116	0.9
ZZ78636		<0.005	3.29	0.14	82	0.17	15.65	125	1.0
ZZ78637		<0.005	2.29	0.16	85	0.14	11.10	116	1.4
ZZ78638		<0.005	2.31	0.34	21	0.16	9.28	80	5.9
ZZ78639		<0.005	2.48	0.19	70	0.23	16.45	110	1.7
ZZ78640		<0.005	2.43	0.36	34	0.10	14.35	88	1.5
ZZ78641		0.010	0.53	0.45	64	0.17	4.46	84	<0.5
ZZ78642		0.006	1.44	0.22	128	0.49	20.6	104	0.5
ZZ78643		0.010	0.75	0.35	95	0.15	13.40	102	1.1
ZZ78644		0.010	0.57	0.35	74	0.20	6.67	93	0.8
ZZ78645		0.007	0.58	0.23	81	0.11	18.05	93	0.9
ZZ78646		0.009	0.69	0.28	68	0.09	17.60	98	1.7
ZZ78647		<0.005	5.41	0.21	100	1.69	17.80	106	1.4
ZZ78648		<0.005	8.22	0.20	71	2.55	12.75	101	1.1
ZZ78649		0.005	0.91	0.23	88	0.12	12.65	115	2.1
ZZ78650		0.006	1.43	0.27	100	0.08	13.85	113	2.2
ZZ78651		<0.005	1.05	0.27	72	0.09	9.46	108	3.9
ZZ78652		0.005	0.71	0.33	71	<0.05	13.10	102	2.9
ZZ78653		<0.005	1.10	0.21	103	0.06	23.3	106	1.3
ZZ78654		0.005	0.34	0.38	79	0.05	19.55	93	2.7
ZZ78655		0.006	0.67	0.28	81	0.10	13.10	111	2.4
ZZ78656		<0.005	2.11	0.25	78	0.54	15.45	104	1.8
ZZ78657		<0.005	3.60	0.26	80	1.46	16.35	104	1.5
ZZ78658		0.009	0.38	0.30	114	0.09	30.3	92	0.7
ZZ78659		0.011	0.28	0.29	112	0.08	4.04	73	0.6
ZZ78660		0.005	0.60	0.24	104	0.05	20.4	114	<0.5
ZZ78661		0.005	0.45	0.23	55	<0.05	3.09	98	<0.5

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ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ78662	0.42	0.010	0.16	1.58	357	<0.2	<10	300	1.48	0.29	0.24	0.35	34.7	25.2	28
ZZ78663	0.37	0.005	0.11	1.00	945	<0.2	<10	190	0.96	0.28	0.50	0.44	27.6	23.1	19
ZZ78664	0.32	0.003	0.13	0.76	788	<0.2	<10	110	1.02	0.31	0.98	0.41	24.0	25.2	18
ZZ78665	0.39	0.006	0.15	1.22	157.0	<0.2	<10	470	1.42	0.22	1.15	0.56	37.0	35.2	34
ZZ78666	0.40	0.022	0.20	1.94	666	<0.2	<10	550	1.43	0.25	0.24	0.65	55.9	54.0	38
ZZ78667	0.49	0.026	0.17	0.71	2930	<0.2	<10	640	1.34	0.24	0.24	0.60	37.0	63.3	23
ZZ78668	0.31	0.020	0.19	1.32	213	<0.2	<10	860	1.57	0.22	0.45	0.64	49.4	48.3	45
ZZ78669	0.51	0.008	0.19	0.79	683	<0.2	<10	150	1.20	0.34	0.31	0.41	28.7	36.1	25
ZZ78670	0.35	0.006	0.16	0.76	126.0	<0.2	<10	90	1.18	0.37	0.16	0.56	28.1	30.8	19
ZZ78671	0.34	0.004	0.08	0.72	118.5	<0.2	<10	90	1.01	0.42	0.22	0.42	23.1	26.1	20
ZZ78672	0.41	0.003	0.11	0.44	80.4	<0.2	<10	60	1.16	0.44	0.27	0.09	10.80	34.6	13
ZZ78673	0.34	0.003	0.11	0.49	66.2	<0.2	<10	70	1.17	0.41	0.50	0.10	11.85	31.4	13
ZZ78674	0.43	0.002	0.09	0.68	63.2	<0.2	<10	60	1.32	0.36	0.87	0.13	12.90	38.1	16
ZZ78675	0.37	0.005	0.11	0.48	84.2	<0.2	<10	60	1.21	0.39	0.22	0.16	11.30	48.4	15
ZZ78676	0.46	0.004	0.13	0.30	98.7	<0.2	<10	50	1.03	0.50	0.19	0.11	8.21	39.5	11
ZZ78677	0.37	0.010	0.14	0.77	129.5	<0.2	<10	100	1.10	0.45	0.21	0.16	8.63	46.2	22
ZZ78678	0.46	0.003	0.10	0.33	260	<0.2	<10	70	0.77	0.44	0.23	0.07	8.79	23.7	9
ZZ78679	0.51	0.002	0.14	0.77	205	<0.2	<10	60	1.16	0.38	0.19	0.15	9.95	33.4	18
ZZ78680	0.44	0.003	0.09	0.41	267	<0.2	<10	40	0.94	0.36	1.07	0.11	9.39	23.2	12
ZZ78681	0.45	0.003	0.09	0.62	460	<0.2	<10	70	1.14	0.32	1.03	0.16	12.10	19.6	14
ZZ78682	0.29	0.002	0.06	1.77	93.5	<0.2	<10	110	1.02	0.29	0.13	0.23	38.0	22.8	33
ZZ78683	0.37	0.003	0.09	1.76	163.5	<0.2	<10	90	0.65	0.30	0.19	0.28	23.5	17.9	33
ZZ78684	0.49	0.003	0.21	1.55	188.5	<0.2	<10	190	1.17	0.25	0.22	0.50	54.3	46.0	34
ZZ78685	0.36	0.006	0.15	0.45	6220	<0.2	<10	140	0.73	0.28	0.25	0.40	40.0	49.2	23
ZZ78686	0.35	0.007	0.15	0.76	872	<0.2	<10	200	1.13	0.30	0.33	0.38	29.0	39.1	24
ZZ78687	0.54	0.008	0.18	0.79	1015	<0.2	<10	220	1.24	0.32	0.28	0.41	32.4	39.8	26
ZZ78688	0.43	0.003	0.10	0.60	86.7	<0.2	<10	60	1.16	0.39	0.40	0.11	19.15	29.5	20
ZZ78689	0.36	0.003	0.13	0.72	54.7	<0.2	<10	60	1.19	0.34	0.70	0.11	13.85	25.3	19
ZZ78690	0.28	0.007	0.14	0.92	139.0	<0.2	<10	90	1.16	0.31	0.82	0.18	12.60	22.2	18
ZZ78691	0.36	0.004	0.12	0.80	156.5	<0.2	<10	60	1.05	0.31	0.71	0.21	12.95	22.4	17
ZZ78692	0.32	0.003	0.11	1.02	116.0	<0.2	<10	80	1.16	0.31	0.36	0.23	19.55	21.3	21
ZZ78693	0.32	0.004	0.08	1.21	99.3	<0.2	<10	110	0.94	0.33	0.28	0.30	22.2	20.6	24
ZZ78694	0.38	0.006	0.03	1.59	304	<0.2	<10	110	1.01	0.37	0.15	0.31	36.9	26.7	29
ZZ78695	0.38	0.001	0.08	1.78	10.5	<0.2	<10	70	1.35	0.28	1.66	0.11	35.3	31.4	30
ZZ78696	0.31	0.002	0.12	1.49	203	<0.2	<10	120	0.61	0.30	0.21	0.10	27.2	16.6	26
ZZ78697	0.31	0.002	0.13	1.69	104.0	<0.2	<10	170	0.87	0.26	0.42	0.23	27.3	14.2	29
ZZ78698	0.46	0.004	0.07	1.71	84.8	<0.2	<10	160	1.01	0.29	0.30	0.25	37.1	29.2	30
ZZ78699	0.29	0.002	0.05	1.83	64.1	<0.2	<10	250	0.85	0.26	0.38	0.29	25.6	24.9	34
ZZ78700	0.33	0.002	0.05	1.72	49.9	<0.2	<10	80	0.69	0.30	0.09	0.23	33.5	16.4	29
ZZ78701	0.49	0.002	0.04	1.97	85.0	<0.2	<10	100	0.79	0.34	0.39	0.20	28.1	28.7	31

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
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Finalized Date: 4- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ78662		31.0	138.0	6.15	5.55	0.09	0.06	0.32	0.058	0.10	14.7	18.2	0.68	858	1.66	<0.01
ZZ78663		6.96	105.5	5.93	3.71	0.06	0.06	0.61	0.051	0.08	11.5	9.9	0.55	1620	1.72	0.01
ZZ78664		5.61	103.5	5.39	2.99	0.07	0.08	0.51	0.052	0.08	8.9	7.8	0.71	1360	2.00	0.01
ZZ78665		2.95	165.5	7.61	4.78	0.08	0.04	0.39	0.056	0.07	17.0	13.5	0.99	2080	0.57	0.01
ZZ78666		12.85	243	8.81	7.61	0.12	0.04	0.31	0.072	0.08	25.2	24.4	1.37	2100	0.49	<0.01
ZZ78667		8.56	246	10.10	3.48	0.09	0.03	1.58	0.072	0.09	15.6	8.0	0.38	2440	0.64	<0.01
ZZ78668		5.13	216	9.17	5.67	0.11	0.05	0.57	0.072	0.08	21.7	14.7	0.89	2420	0.54	0.01
ZZ78669		12.45	130.0	6.86	3.16	0.06	0.03	1.16	0.062	0.10	11.5	9.5	0.37	1540	1.61	<0.01
ZZ78670		4.99	87.1	7.16	2.53	0.07	0.03	1.70	0.055	0.08	10.5	7.8	0.18	1420	1.81	<0.01
ZZ78671		5.48	73.0	6.08	2.94	0.05	<0.02	0.70	0.067	0.08	8.5	5.8	0.15	948	1.41	0.01
ZZ78672		4.59	83.4	5.70	1.54	<0.05	0.04	0.86	0.052	0.09	3.1	5.5	0.15	1180	1.30	<0.01
ZZ78673		4.31	79.3	5.40	1.72	0.05	0.06	0.53	0.051	0.09	3.7	7.0	0.20	1260	1.24	<0.01
ZZ78674		4.46	79.0	5.33	2.28	0.05	0.07	0.53	0.050	0.10	3.6	12.4	0.33	1640	1.37	<0.01
ZZ78675		5.66	83.1	5.92	1.65	0.05	0.11	0.51	0.046	0.09	3.0	7.4	0.16	1630	1.40	<0.01
ZZ78676		4.41	92.0	6.22	1.19	<0.05	0.05	0.97	0.054	0.09	2.4	2.2	0.10	1250	1.29	0.01
ZZ78677		17.30	90.5	6.35	2.50	0.05	0.05	0.14	0.043	0.10	2.6	11.0	0.35	1500	0.72	0.01
ZZ78678		5.20	60.9	4.61	1.06	<0.05	0.04	1.29	0.040	0.10	2.3	3.5	0.11	867	1.30	0.01
ZZ78679		7.28	71.6	5.62	2.20	0.06	0.06	0.34	0.043	0.11	3.0	9.7	0.26	1260	0.77	0.01
ZZ78680		4.53	65.0	4.73	1.26	<0.05	0.08	0.84	0.041	0.10	3.2	4.1	0.23	879	1.02	0.01
ZZ78681		4.26	61.5	4.56	1.84	<0.05	0.04	0.68	0.044	0.08	5.5	4.1	0.15	784	0.91	0.01
ZZ78682		5.57	77.6	5.74	6.29	0.06	0.02	0.13	0.051	0.06	12.7	19.7	0.53	1080	1.34	0.01
ZZ78683		6.70	74.4	4.46	6.90	<0.05	<0.02	0.12	0.048	0.07	10.8	13.2	0.48	854	1.09	0.01
ZZ78684		4.97	194.5	8.44	5.61	0.12	0.04	0.19	0.071	0.07	23.3	19.0	0.79	2550	0.71	0.01
ZZ78685		11.15	171.0	9.41	2.51	0.09	<0.02	3.70	0.069	0.09	16.8	3.9	0.15	3850	0.85	0.01
ZZ78686		7.27	148.0	7.52	3.00	0.08	0.04	1.03	0.058	0.08	12.4	8.3	0.39	1560	1.24	0.01
ZZ78687		8.03	152.5	7.96	3.07	0.08	0.04	1.07	0.061	0.09	13.8	7.7	0.35	1780	1.23	0.01
ZZ78688		2.74	70.2	5.98	2.01	0.06	0.06	0.30	0.047	0.09	6.5	6.7	0.19	1040	1.12	0.01
ZZ78689		4.52	70.5	5.39	2.27	0.06	0.06	0.29	0.042	0.09	5.7	8.7	0.23	615	1.25	0.01
ZZ78690		4.99	70.7	5.27	2.53	<0.05	0.06	1.24	0.044	0.10	5.4	11.1	0.29	696	1.85	0.01
ZZ78691		2.83	68.8	5.95	2.30	0.05	0.08	0.95	0.045	0.08	6.2	8.8	0.27	677	1.85	0.01
ZZ78692		4.23	71.3	6.22	3.02	0.05	0.07	0.51	0.053	0.08	7.7	11.6	0.28	778	1.33	0.01
ZZ78693		3.81	68.6	5.82	3.53	0.05	0.04	0.34	0.048	0.08	9.1	14.9	0.34	759	1.47	0.01
ZZ78694		4.12	84.6	6.48	4.91	0.06	0.02	0.23	0.060	0.06	16.3	15.1	0.40	718	1.16	0.01
ZZ78695		3.75	56.0	5.78	4.65	0.10	0.10	0.15	0.056	0.08	13.4	33.9	0.75	1100	0.46	0.01
ZZ78696		10.50	57.7	5.03	6.07	<0.05	0.03	0.09	0.040	0.07	11.4	13.0	0.29	611	1.19	0.01
ZZ78697		14.15	62.4	4.55	5.15	0.05	0.05	0.10	0.035	0.08	13.0	32.3	0.69	443	0.94	0.01
ZZ78698		8.65	116.0	6.06	5.33	0.06	0.07	0.20	0.046	0.08	14.9	26.4	0.80	934	0.87	0.01
ZZ78699		9.49	103.5	6.08	6.68	0.05	0.02	0.07	0.047	0.06	10.8	24.3	0.85	986	1.06	0.01
ZZ78700		3.21	55.1	4.28	5.54	0.05	<0.02	0.08	0.035	0.06	15.3	15.8	0.52	447	1.50	0.01
ZZ78701		6.67	126.0	7.15	7.13	0.06	0.02	0.26	0.046	0.07	13.3	16.2	0.71	467	1.38	0.01

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Finalized Date: 4- SEP- 2013
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ78662		0.22	41.7	810	17.1	16.0	<0.001	0.04	0.73	15.0	1.4	0.4	13.8	<0.01	0.19	1.9
ZZ78663		0.07	35.8	640	21.1	8.3	<0.001	0.05	1.25	12.8	1.1	0.3	12.8	<0.01	0.11	1.7
ZZ78664		0.09	38.8	660	24.7	6.0	<0.001	0.11	1.17	12.8	1.2	0.3	14.7	<0.01	0.11	2.1
ZZ78665		0.06	56.3	830	16.6	5.3	0.001	0.08	0.68	16.7	1.6	0.2	23.9	<0.01	0.16	0.9
ZZ78666		<0.05	75.2	750	18.0	9.6	<0.001	0.03	0.86	25.0	1.9	0.2	11.4	<0.01	0.17	1.9
ZZ78667		<0.05	98.4	480	15.5	7.5	<0.001	0.10	3.87	23.6	1.2	0.3	33.1	<0.01	0.18	1.7
ZZ78668		0.05	77.3	740	17.7	5.6	<0.001	0.06	0.75	25.5	1.8	0.2	20.4	<0.01	0.13	1.8
ZZ78669		0.09	61.3	510	23.3	9.1	0.001	0.05	1.76	16.1	1.5	0.4	27.8	<0.01	0.13	2.6
ZZ78670		0.15	54.1	660	30.2	8.4	<0.001	0.02	2.22	13.4	1.5	0.5	21.4	<0.01	0.21	2.3
ZZ78671		0.22	49.5	830	22.1	9.9	0.001	0.03	1.53	9.7	1.3	0.5	21.6	<0.01	0.21	1.1
ZZ78672		<0.05	53.9	330	29.4	6.0	0.001	0.08	1.82	11.4	0.7	0.4	32.0	<0.01	0.12	3.0
ZZ78673		<0.05	51.4	410	26.6	6.2	<0.001	0.10	1.60	11.8	0.9	0.3	40.6	<0.01	0.13	2.4
ZZ78674		<0.05	62.8	420	25.2	6.0	0.001	0.11	1.54	12.4	1.0	0.4	70.4	<0.01	0.09	2.4
ZZ78675		<0.05	69.9	290	30.0	5.8	0.001	0.10	1.17	10.7	0.6	0.3	32.4	<0.01	0.10	3.2
ZZ78676		0.08	63.2	370	35.2	6.0	0.001	0.17	2.23	11.9	1.1	0.4	32.5	<0.01	0.16	3.0
ZZ78677		0.09	65.8	410	32.0	9.6	<0.001	0.04	1.99	13.5	0.8	0.4	28.2	<0.01	0.15	2.8
ZZ78678		0.08	40.2	300	28.9	6.3	0.001	0.10	1.68	7.7	0.9	0.4	25.0	<0.01	0.15	2.7
ZZ78679		0.11	45.3	500	32.3	7.0	<0.001	0.02	2.15	11.7	1.0	0.3	18.7	<0.01	0.08	2.6
ZZ78680		0.10	42.9	510	21.8	6.0	<0.001	0.09	2.01	10.1	0.8	0.3	60.1	<0.01	0.08	1.8
ZZ78681		0.20	36.0	1040	22.0	7.9	<0.001	0.11	2.20	6.8	1.4	0.3	72.2	<0.01	0.08	0.6
ZZ78682		0.56	34.6	890	17.6	11.5	<0.001	0.05	1.00	7.3	1.0	0.5	11.3	<0.01	0.12	1.2
ZZ78683		0.39	22.5	1560	12.8	11.3	<0.001	0.11	0.88	2.6	0.6	0.6	13.0	<0.01	0.14	0.2
ZZ78684		0.18	60.1	900	15.4	6.0	<0.001	0.03	1.05	19.2	2.0	0.3	12.7	<0.01	0.18	2.1
ZZ78685		0.12	48.5	620	21.0	7.7	<0.001	0.07	10.40	18.2	1.2	0.4	29.9	<0.01	0.19	2.2
ZZ78686		0.14	62.0	590	19.3	6.7	<0.001	0.09	2.29	16.3	1.5	0.3	24.7	<0.01	0.15	2.2
ZZ78687		0.15	64.4	620	20.9	7.9	<0.001	0.08	2.36	18.0	1.6	0.4	24.7	<0.01	0.16	2.2
ZZ78688		0.10	50.5	410	25.7	5.2	<0.001	0.04	1.01	10.8	0.9	0.3	37.6	<0.01	0.10	2.2
ZZ78689		0.13	47.6	510	21.9	6.4	<0.001	0.05	0.82	9.5	0.9	0.3	53.7	<0.01	0.07	2.1
ZZ78690		0.14	43.1	770	20.4	6.9	<0.001	0.08	2.00	9.0	1.0	0.4	56.8	<0.01	0.08	1.3
ZZ78691		0.16	44.0	620	19.2	6.1	<0.001	0.05	1.73	10.3	1.3	0.3	44.8	<0.01	0.12	1.8
ZZ78692		0.20	45.5	720	18.9	8.4	<0.001	0.05	1.09	11.3	1.2	0.4	27.1	<0.01	0.11	2.0
ZZ78693		0.35	40.6	830	18.9	8.2	<0.001	0.05	0.97	7.9	1.2	0.4	18.9	<0.01	0.16	1.5
ZZ78694		0.44	60.4	830	19.8	10.9	<0.001	0.03	1.19	5.4	1.5	0.5	13.6	<0.01	0.21	1.0
ZZ78695		0.18	44.0	830	20.5	5.7	<0.001	0.07	0.66	16.7	1.6	0.4	131.5	<0.01	0.03	2.3
ZZ78696		0.48	24.0	1560	13.2	14.6	<0.001	0.09	0.80	4.6	0.4	0.5	15.5	<0.01	0.14	0.9
ZZ78697		0.52	31.9	930	12.9	15.4	<0.001	0.04	0.67	5.4	0.8	0.4	24.3	<0.01	0.10	1.4
ZZ78698		0.33	44.8	640	17.1	10.9	<0.001	0.03	0.63	10.1	1.2	0.3	18.7	<0.01	0.16	2.4
ZZ78699		0.48	36.2	1280	13.7	11.6	<0.001	0.05	0.65	5.0	0.4	0.5	22.0	<0.01	0.13	0.7
ZZ78700		0.51	27.7	770	15.6	9.2	<0.001	0.03	0.80	1.8	0.8	0.6	8.7	<0.01	0.12	0.3
ZZ78701		0.44	40.1	770	16.8	10.2	<0.001	0.03	0.73	4.9	0.7	0.5	11.2	<0.01	0.21	1.0

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ78662		0.005	1.38	0.50	69	0.26	18.55	86	1.5
ZZ78663		<0.005	2.19	0.35	50	0.19	15.75	92	1.4
ZZ78664		<0.005	1.53	0.38	41	0.15	15.00	96	2.4
ZZ78665		<0.005	0.43	0.20	93	0.06	21.6	94	1.1
ZZ78666		<0.005	1.09	0.12	100	0.12	29.7	117	1.0
ZZ78667		<0.005	10.00	0.14	80	0.42	16.30	128	1.1
ZZ78668		<0.005	0.72	0.15	131	0.10	24.6	124	1.1
ZZ78669		<0.005	1.98	0.32	58	0.12	14.60	112	1.0
ZZ78670		0.005	1.28	0.44	34	0.07	14.85	101	0.7
ZZ78671		0.009	0.92	0.48	40	0.10	8.91	104	<0.5
ZZ78672		<0.005	0.60	0.42	19	<0.05	9.68	107	1.8
ZZ78673		<0.005	0.43	0.48	20	<0.05	12.00	108	2.1
ZZ78674		<0.005	0.45	0.44	22	<0.05	13.20	100	2.2
ZZ78675		<0.005	0.39	0.47	22	<0.05	9.51	108	5.1
ZZ78676		<0.005	0.43	0.37	18	<0.05	9.07	114	2.8
ZZ78677		<0.005	0.55	0.38	34	<0.05	9.38	110	2.2
ZZ78678		<0.005	1.36	0.31	14	<0.05	7.24	88	1.9
ZZ78679		<0.005	0.59	0.44	24	<0.05	14.50	101	1.8
ZZ78680		<0.005	0.69	0.43	18	<0.05	11.15	93	2.6
ZZ78681		0.006	0.73	0.70	23	0.05	15.30	93	1.2
ZZ78682		0.015	0.30	0.49	81	0.12	7.76	83	0.5
ZZ78683		0.011	0.38	0.45	76	0.10	5.50	67	<0.5
ZZ78684		0.007	0.43	0.21	101	0.07	22.6	109	1.2
ZZ78685		<0.005	23.3	0.18	81	0.59	9.79	119	<0.5
ZZ78686		<0.005	2.36	0.34	59	0.12	14.30	109	1.3
ZZ78687		<0.005	2.87	0.32	65	0.14	16.05	116	1.2
ZZ78688		<0.005	0.39	0.40	28	0.09	13.70	107	1.6
ZZ78689		<0.005	0.16	0.52	27	<0.05	13.15	97	1.8
ZZ78690		<0.005	0.61	0.54	26	<0.05	12.90	88	1.6
ZZ78691		<0.005	0.39	0.43	27	<0.05	13.25	91	2.2
ZZ78692		<0.005	0.49	0.42	35	0.05	13.65	93	2.0
ZZ78693		0.009	0.36	0.48	42	0.08	9.64	94	1.0
ZZ78694		0.010	0.59	0.47	66	0.14	5.88	106	<0.5
ZZ78695		0.005	0.09	0.49	32	<0.05	29.3	106	2.4
ZZ78696		0.008	0.72	0.44	73	0.13	4.00	66	0.8
ZZ78697		0.015	0.26	0.59	58	0.12	7.73	101	1.1
ZZ78698		0.008	0.23	0.41	66	0.07	8.47	92	1.7
ZZ78699		0.017	0.19	0.35	86	0.12	4.34	106	<0.5
ZZ78700		0.024	0.18	0.56	57	0.19	4.01	79	<0.5
ZZ78701		0.008	0.27	0.25	78	0.09	3.41	83	0.6

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ78702		0.37	0.008	0.12	1.98	17.9	<0.2	<10	260	1.36	0.25	0.70	0.24	39.7	21.3	33
ZZ78703		0.37	0.006	0.13	1.42	29.5	<0.2	<10	200	1.18	0.27	0.68	0.28	37.0	22.9	24
ZZ78704		0.37	0.005	0.16	0.89	29.8	<0.2	<10	190	1.15	0.24	1.16	0.53	32.6	30.4	16
ZZ78705		0.27	0.003	0.16	0.77	49.4	<0.2	<10	140	1.18	0.26	1.28	0.46	27.5	25.2	14
ZZ78706		0.40	0.003	0.20	0.45	30.2	<0.2	<10	70	1.44	0.35	0.79	0.26	24.7	22.4	8
ZZ78707		0.47	0.006	0.15	1.21	36.7	<0.2	<10	140	1.19	0.33	0.51	0.37	44.5	33.0	22
ZZ78708		0.38	0.008	0.19	0.47	53.4	<0.2	<10	60	1.12	0.40	0.87	0.22	30.0	26.6	13
ZZ78709		0.29	0.002	0.16	0.58	43.7	<0.2	<10	90	1.34	0.33	0.81	0.23	25.7	24.2	13
ZZ78710		0.37	0.002	0.11	0.37	20.8	<0.2	<10	70	0.93	0.18	2.57	0.23	11.35	12.5	7
ZZ78711		0.34	0.007	0.15	1.06	30.3	<0.2	<10	220	1.06	0.27	1.23	0.44	29.9	30.9	21
ZZ78712		0.33	0.008	0.17	1.06	41.4	<0.2	<10	150	1.12	0.33	0.48	0.37	41.2	31.9	20
ZZ78713		0.30	0.006	0.14	0.95	38.0	<0.2	<10	150	1.12	0.33	0.55	0.20	31.1	23.5	18
ZZ78714		0.35	0.003	0.11	1.86	35.3	<0.2	<10	180	1.08	0.30	0.13	0.18	25.9	21.1	24
ZZ78715		0.43	0.017	0.27	2.13	69.4	<0.2	<10	350	1.11	0.23	0.33	0.43	31.4	33.2	39
ZZ78716		0.20	0.004	0.20	1.39	57.9	<0.2	10	150	0.78	0.23	1.27	0.60	18.35	15.3	24
ZZ78717		0.39	0.004	0.14	1.23	123.0	<0.2	<10	110	1.14	0.29	0.55	0.23	19.00	21.7	25
ZZ78718		0.28	0.006	0.15	1.17	306	<0.2	<10	120	1.00	0.28	0.46	0.28	28.4	26.3	26
ZZ78719		0.34	0.003	0.05	1.46	52.3	<0.2	<10	130	0.76	0.32	0.29	0.16	22.2	11.3	23
ZZ78720		0.33	0.003	0.11	0.90	137.5	<0.2	<10	80	1.04	0.31	0.22	0.16	14.80	16.9	17
ZZ78721		0.33	0.003	0.08	0.96	56.3	<0.2	<10	80	1.03	0.30	0.24	0.17	16.75	16.2	19
ZZ78722		0.41	0.003	0.08	1.01	84.4	<0.2	<10	80	0.92	0.35	0.10	0.21	16.85	18.6	20
ZZ78723		0.51	0.004	0.18	0.84	101.0	<0.2	<10	70	1.00	0.40	0.21	0.35	18.40	22.5	18
ZZ78724		0.50	0.004	0.13	0.48	130.5	<0.2	<10	60	0.84	0.36	0.30	0.30	11.65	26.4	11
ZZ78725		0.36	0.004	0.11	0.67	79.9	<0.2	<10	70	1.01	0.36	0.34	0.14	17.45	24.2	16
ZZ78726		0.24	0.003	0.09	0.98	22.4	<0.2	<10	50	1.11	0.40	0.94	0.10	18.85	24.1	20
ZZ78727		0.27	0.002	0.07	0.81	27.8	<0.2	10	50	0.97	0.23	2.54	0.08	19.10	20.3	14
ZZ78728		0.26	0.003	0.10	0.67	30.1	<0.2	10	60	1.15	0.38	1.15	0.11	16.35	22.2	16
ZZ78729		0.39	0.007	0.15	0.50	379	<0.2	10	60	0.74	0.42	0.47	0.16	11.35	18.0	12
ZZ78730		0.31	0.005	0.14	0.67	399	<0.2	<10	80	1.07	0.37	0.67	0.16	12.85	19.3	15
ZZ78731		0.31	0.011	0.17	0.23	124.5	<0.2	<10	20	0.33	0.38	0.08	0.09	36.8	13.5	8
ZZ78732		0.34	0.005	0.16	0.50	127.0	<0.2	<10	60	0.98	0.37	0.42	0.44	16.40	24.6	10
ZZ78733		0.41	0.005	0.07	1.74	186.5	<0.2	<10	90	0.97	0.33	0.36	0.34	31.4	37.4	31
ZZ78734		0.36	0.004	0.15	1.45	206	<0.2	<10	180	0.97	0.32	0.45	0.32	30.1	25.1	29
ZZ78735		0.39	0.008	0.11	0.84	777	<0.2	<10	110	0.96	0.34	0.22	0.38	51.6	45.7	29
ZZ78736		0.24	0.006	0.14	0.58	150.5	<0.2	<10	80	1.15	0.41	0.37	0.32	15.55	25.7	11

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Finalized Date: 4- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ78702		9.19	146.0	5.59	6.37	0.09	0.07	0.08	0.051	0.07	20.0	22.8	1.22	564	0.77	0.01
ZZ78703		6.12	129.0	5.37	4.60	0.09	0.07	0.10	0.041	0.08	17.5	15.6	0.88	836	1.30	0.01
ZZ78704		4.08	104.5	4.33	2.77	0.07	0.08	0.11	0.035	0.08	14.1	8.1	0.54	1910	1.34	0.01
ZZ78705		5.59	95.1	4.40	2.46	0.06	0.08	0.16	0.033	0.07	12.1	6.6	0.47	1330	2.15	0.01
ZZ78706		3.64	56.4	3.84	1.46	0.05	0.14	0.08	0.029	0.09	12.0	2.0	0.20	956	2.30	0.01
ZZ78707		6.11	128.5	5.77	4.09	0.09	0.07	0.11	0.045	0.08	20.1	14.2	0.87	1260	1.50	0.01
ZZ78708		5.93	69.4	4.53	1.86	0.07	0.06	0.08	0.033	0.09	14.2	3.0	0.38	864	2.79	0.01
ZZ78709		4.26	77.1	4.29	2.06	0.05	0.11	0.15	0.033	0.09	11.5	4.1	0.30	1070	2.53	0.01
ZZ78710		2.34	52.6	2.58	1.13	<0.05	0.05	0.11	0.020	0.05	5.6	2.2	0.32	552	1.44	0.01
ZZ78711		5.71	133.0	5.10	3.62	0.07	0.08	0.13	0.038	0.09	13.2	10.2	0.81	1430	1.89	0.01
ZZ78712		5.99	124.0	5.29	3.94	0.08	0.07	0.16	0.049	0.07	19.3	13.1	0.72	1210	1.71	<0.01
ZZ78713		4.81	97.0	4.85	3.33	0.05	0.09	0.15	0.043	0.07	15.0	9.8	0.51	665	1.56	<0.01
ZZ78714		8.49	66.9	4.36	5.67	<0.05	0.04	0.07	0.036	0.07	11.9	23.7	0.58	509	1.15	<0.01
ZZ78715		18.90	191.0	6.94	7.15	0.09	0.06	0.25	0.047	0.09	15.8	31.7	1.26	1110	0.66	<0.01
ZZ78716		26.9	77.0	3.86	4.13	<0.05	0.07	0.18	0.036	0.08	9.7	15.7	0.73	778	0.65	0.01
ZZ78717		14.40	92.0	5.27	3.73	0.06	0.07	0.39	0.045	0.08	10.1	15.3	0.49	745	1.17	<0.01
ZZ78718		15.40	116.5	6.23	3.86	0.06	0.06	0.41	0.049	0.08	14.3	13.1	0.46	754	1.76	<0.01
ZZ78719		5.73	38.9	4.39	4.72	<0.05	0.06	0.13	0.042	0.06	10.2	18.1	0.34	490	1.81	<0.01
ZZ78720		3.33	58.0	4.75	2.59	<0.05	0.05	0.55	0.042	0.07	5.4	11.1	0.21	597	1.39	<0.01
ZZ78721		3.00	55.7	4.54	2.84	0.06	0.06	0.34	0.042	0.07	7.5	11.7	0.24	500	1.30	0.01
ZZ78722		2.81	63.7	5.31	2.91	0.06	0.03	0.35	0.048	0.08	6.3	11.0	0.22	737	1.85	<0.01
ZZ78723		3.55	81.4	5.97	2.50	0.07	0.04	0.79	0.056	0.08	7.3	9.1	0.21	767	2.53	0.01
ZZ78724		2.85	96.4	4.96	1.45	0.05	0.05	1.46	0.045	0.07	4.4	4.3	0.11	668	3.61	<0.01
ZZ78725		2.87	66.6	5.42	2.08	0.06	0.06	0.42	0.050	0.09	7.0	7.9	0.20	1040	1.27	<0.01
ZZ78726		3.78	65.2	5.39	2.83	0.07	0.08	0.59	0.056	0.09	7.6	16.3	0.38	789	1.49	0.01
ZZ78727		3.99	48.7	4.33	2.16	0.06	0.09	0.18	0.050	0.09	8.0	11.6	0.30	729	0.67	0.01
ZZ78728		4.06	66.8	5.04	2.02	0.06	0.06	0.36	0.050	0.11	6.5	8.1	0.20	751	1.32	<0.01
ZZ78729		3.63	66.6	7.33	1.48	0.06	0.04	2.49	0.055	0.09	3.9	4.6	0.12	751	2.89	<0.01
ZZ78730		3.24	65.4	5.60	1.92	0.06	0.07	1.07	0.049	0.09	6.1	6.1	0.16	667	1.39	<0.01
ZZ78731		1.69	33.4	7.01	0.98	0.08	0.02	10.55	0.032	0.06	14.2	1.4	0.03	361	4.46	<0.01
ZZ78732		2.30	133.0	5.82	1.10	0.05	0.06	1.44	0.053	0.07	5.7	2.6	0.09	575	6.09	<0.01
ZZ78733		5.17	136.5	7.25	5.77	0.06	0.03	0.23	0.065	0.08	11.5	20.0	0.51	1280	1.29	0.01
ZZ78734		11.65	92.4	5.73	4.72	0.07	0.05	0.37	0.052	0.09	13.1	15.9	0.44	1510	1.23	0.01
ZZ78735		5.34	220	8.55	3.43	0.10	0.03	0.91	0.063	0.09	23.9	6.7	0.38	1610	1.07	0.01
ZZ78736		2.84	136.0	7.00	1.45	0.07	0.05	1.81	0.064	0.07	5.8	2.8	0.10	957	6.79	0.01

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ78702		0.28	41.7	1100	14.9	8.4	<0.001	0.07	0.40	13.9	1.7	0.3	17.2	<0.01	0.12	1.4
ZZ78703		0.22	38.1	1010	18.3	6.2	<0.001	0.06	0.62	10.9	1.9	0.3	14.5	<0.01	0.12	1.5
ZZ78704		0.18	34.0	1070	22.7	4.7	<0.001	0.12	0.76	8.7	1.4	0.2	14.4	<0.01	0.08	1.3
ZZ78705		0.20	30.3	1050	25.3	5.1	<0.001	0.12	1.09	7.7	1.2	0.3	14.9	<0.01	0.07	1.0
ZZ78706		0.14	29.7	770	30.4	6.5	<0.001	0.08	0.69	7.0	1.0	0.2	7.8	<0.01	0.07	2.1
ZZ78707		0.14	45.6	690	27.0	5.7	<0.001	0.07	0.79	10.9	1.3	0.3	14.5	<0.01	0.14	2.9
ZZ78708		0.12	37.7	510	35.0	5.8	<0.001	0.09	1.00	8.0	0.7	0.3	18.0	<0.01	0.08	2.7
ZZ78709		0.12	33.5	750	30.2	5.7	<0.001	0.09	1.00	7.4	1.3	0.3	11.2	<0.01	0.06	1.5
ZZ78710		0.11	18.3	920	16.2	3.9	<0.001	0.18	0.69	3.0	0.6	<0.2	22.0	<0.01	0.04	0.5
ZZ78711		0.19	38.4	930	22.4	5.3	<0.001	0.12	0.78	10.6	1.2	0.2	20.2	<0.01	0.09	1.7
ZZ78712		0.10	42.6	640	29.7	5.8	<0.001	0.05	0.83	11.0	1.4	0.3	15.9	<0.01	0.12	2.7
ZZ78713		0.10	32.3	670	27.1	5.8	<0.001	0.05	0.78	9.5	1.1	0.3	13.9	<0.01	0.12	1.9
ZZ78714		0.38	30.0	700	12.2	12.1	<0.001	0.02	0.41	4.0	1.0	0.5	8.1	<0.01	0.15	1.3
ZZ78715		0.20	54.4	460	10.2	11.5	<0.001	0.03	0.48	21.4	1.5	0.3	24.2	<0.01	0.16	1.9
ZZ78716		0.29	27.6	1250	11.2	11.8	0.001	0.15	0.51	6.6	2.1	0.3	52.8	<0.01	0.08	0.8
ZZ78717		0.17	39.5	900	16.4	9.7	0.001	0.06	0.88	11.0	1.5	0.3	28.1	<0.01	0.10	1.3
ZZ78718		0.20	43.3	680	16.7	11.2	<0.001	0.05	1.37	10.3	2.1	0.3	28.2	<0.01	0.15	1.4
ZZ78719		0.34	27.5	1050	13.9	11.8	<0.001	0.05	0.57	6.1	1.0	0.4	21.8	<0.01	0.09	1.3
ZZ78720		0.13	34.7	740	15.5	7.6	<0.001	0.04	0.96	8.9	0.8	0.3	20.8	<0.01	0.07	1.4
ZZ78721		0.19	35.2	700	15.2	8.6	<0.001	0.04	0.61	9.0	0.9	0.3	21.8	<0.01	0.08	1.7
ZZ78722		0.15	37.8	640	17.8	8.2	<0.001	0.03	0.64	8.6	0.7	0.4	12.9	<0.01	0.09	1.8
ZZ78723		0.14	47.3	590	23.7	6.2	0.001	0.05	0.86	10.8	1.3	0.3	22.5	<0.01	0.17	2.6
ZZ78724		0.06	48.6	420	21.5	5.4	0.001	0.03	1.43	9.4	0.9	0.3	28.8	<0.01	0.09	1.8
ZZ78725		0.09	42.9	400	23.0	6.1	<0.001	0.03	0.76	10.7	0.8	0.3	37.2	<0.01	0.09	2.4
ZZ78726		0.08	42.0	670	23.4	6.2	0.001	0.08	0.94	11.5	0.9	0.4	78.4	<0.01	0.09	1.8
ZZ78727		0.09	33.8	860	14.8	6.0	<0.001	0.10	0.79	10.4	1.0	0.2	154.5	<0.01	0.02	1.2
ZZ78728		0.05	41.1	600	21.1	7.4	0.001	0.07	1.03	9.8	0.9	0.3	93.7	<0.01	0.11	1.4
ZZ78729		0.05	36.0	490	25.8	5.4	<0.001	0.06	3.64	8.5	0.9	0.3	41.8	<0.01	0.15	1.7
ZZ78730		0.07	39.7	560	22.2	6.4	0.001	0.06	3.00	9.7	0.8	0.3	56.6	<0.01	0.09	1.8
ZZ78731		<0.05	32.7	280	16.9	3.3	0.001	0.02	1.03	8.4	0.9	0.9	10.4	<0.01	0.17	3.1
ZZ78732		<0.05	46.6	560	20.5	4.5	0.004	0.05	1.07	10.6	1.8	0.2	18.8	<0.01	0.14	1.6
ZZ78733		0.18	43.4	740	18.9	9.4	<0.001	0.04	0.88	11.9	1.1	0.4	12.1	<0.01	0.19	2.0
ZZ78734		0.31	36.3	1220	19.9	12.6	<0.001	0.08	0.98	9.6	1.3	0.4	27.2	<0.01	0.14	1.4
ZZ78735		<0.05	60.0	450	16.2	6.1	<0.001	0.03	2.02	15.3	1.4	0.3	24.1	<0.01	0.22	2.7
ZZ78736		0.07	52.7	610	22.6	6.5	0.003	0.05	1.09	11.1	1.6	0.3	20.0	<0.01	0.14	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ78702	0.010	0.16	0.36	70	<0.05	22.1	88	1.8
ZZ78703	0.009	0.18	0.39	52	0.05	20.4	92	1.9
ZZ78704	0.006	0.29	0.41	34	<0.05	19.60	75	2.3
ZZ78705	0.007	0.32	0.46	31	<0.05	18.75	76	2.2
ZZ78706	<0.005	0.23	0.45	17	<0.05	13.75	56	3.7
ZZ78707	0.005	0.32	0.36	45	<0.05	14.20	99	1.9
ZZ78708	<0.005	0.42	0.42	27	<0.05	11.15	74	1.8
ZZ78709	<0.005	0.37	0.43	26	<0.05	14.60	66	3.1
ZZ78710	<0.005	0.22	0.30	15	<0.05	9.45	40	1.5
ZZ78711	0.007	0.31	0.32	49	0.05	15.40	84	2.0
ZZ78712	0.005	0.32	0.38	42	<0.05	14.85	97	2.1
ZZ78713	<0.005	0.25	0.37	37	<0.05	14.45	83	2.3
ZZ78714	0.006	0.22	0.38	47	0.10	3.77	68	0.9
ZZ78715	0.010	0.25	0.29	93	0.06	18.70	105	1.3
ZZ78716	0.012	0.22	0.35	43	0.10	10.75	110	2.0
ZZ78717	0.007	0.33	0.53	42	0.13	14.70	102	2.1
ZZ78718	0.007	0.51	0.47	57	0.11	11.65	96	1.3
ZZ78719	0.009	0.26	0.69	44	0.11	7.71	68	1.4
ZZ78720	0.005	0.63	0.49	26	0.05	10.65	92	1.3
ZZ78721	0.005	0.26	0.54	28	0.06	12.55	93	1.4
ZZ78722	<0.005	0.40	0.47	31	0.05	8.88	98	0.8
ZZ78723	0.005	0.72	0.55	28	0.05	11.90	106	1.4
ZZ78724	<0.005	1.21	0.40	18	0.05	9.02	93	1.4
ZZ78725	<0.005	0.28	0.41	23	0.07	13.25	102	1.5
ZZ78726	<0.005	0.28	0.46	25	<0.05	15.45	103	2.2
ZZ78727	<0.005	0.09	0.79	17	<0.05	18.60	92	2.4
ZZ78728	<0.005	0.29	0.55	22	<0.05	14.95	98	1.6
ZZ78729	<0.005	2.71	0.39	22	0.07	9.22	92	1.6
ZZ78730	<0.005	1.03	0.48	24	0.10	14.95	95	1.8
ZZ78731	<0.005	2.69	0.22	20	<0.05	5.11	61	1.6
ZZ78732	<0.005	0.50	0.46	22	<0.05	10.85	99	1.8
ZZ78733	<0.005	0.48	0.28	86	0.06	9.15	96	0.9
ZZ78734	0.009	0.50	0.62	64	0.11	13.95	88	1.3
ZZ78735	<0.005	1.57	0.23	86	0.10	8.92	117	1.0
ZZ78736	<0.005	0.78	0.55	30	<0.05	15.35	107	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13146491

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).		
Applies to Method:	ME-MS41		

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2013
Account: RCM

CERTIFICATE WH13152706

Project: Nadaleen

P.O. No.: SO13-13

This report is for 121 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ81135		0.59	0.007	0.20	2.30	19.3	<0.2	<10	190	1.66	0.26	0.38	0.72	57.1	72.0	33
ZZ81136		0.41	0.007	0.09	2.00	10.5	<0.2	<10	410	1.15	0.22	0.43	0.27	38.2	29.2	29
ZZ81137		0.34	0.010	0.15	1.56	15.9	<0.2	<10	640	1.39	0.22	0.85	0.64	40.5	40.5	26
ZZ81138		0.46	0.011	0.11	2.39	15.9	<0.2	<10	350	1.54	0.26	0.55	0.36	40.7	32.3	35
ZZ81139		0.35	0.007	0.08	2.10	13.9	<0.2	<10	290	1.23	0.21	0.33	0.20	49.5	31.7	35
ZZ81140		0.41	0.004	0.07	1.93	20.6	<0.2	<10	190	1.14	0.27	0.32	0.24	33.3	39.2	30
ZZ81141		0.38	0.004	0.08	1.29	30.5	<0.2	<10	110	0.90	0.27	0.24	0.15	27.4	22.2	23
ZZ81142		0.42	0.006	0.09	1.28	38.8	<0.2	<10	160	1.06	0.30	0.35	0.25	30.7	25.2	24
ZZ81143		0.29	0.007	0.13	1.25	14.7	<0.2	<10	270	0.85	0.20	0.85	0.64	24.2	24.8	21
ZZ81144		0.34	0.009	0.11	1.22	12.9	<0.2	<10	290	0.87	0.19	1.02	0.60	26.3	27.2	21
ZZ81145		0.32	0.004	0.10	1.46	20.0	<0.2	<10	330	0.95	0.27	0.64	0.23	24.2	12.4	22
ZZ81146		0.50	0.006	0.13	1.37	288	<0.2	<10	200	1.12	0.29	0.32	0.19	30.8	24.8	25
ZZ81148		0.51	0.007	0.14	0.52	185.5	<0.2	<10	70	1.06	0.35	0.24	0.37	17.25	28.5	11
ZZ81149		0.38	0.004	0.12	1.69	426	<0.2	<10	160	1.27	0.30	0.14	0.30	31.3	23.2	31
ZZ81150		0.37	0.005	0.08	1.33	339	<0.2	<10	140	1.04	0.35	0.18	0.27	33.9	28.9	27
ZZ81151		0.34	0.003	0.09	1.34	158.5	<0.2	<10	70	0.74	0.34	0.06	0.17	19.75	20.9	25
ZZ81152		0.40	0.002	0.10	1.77	50.3	<0.2	<10	80	0.81	0.30	0.07	0.37	20.4	24.2	31
ZZ81153		0.23	0.005	0.14	1.22	65.8	<0.2	<10	150	0.75	0.26	0.98	0.77	20.1	22.3	20
ZZ81154		0.39	0.008	0.19	0.78	105.5	<0.2	10	120	1.07	0.38	0.62	0.53	9.79	27.5	16
ZZ81155		0.46	0.010	0.20	0.30	144.5	<0.2	<10	60	1.18	0.52	0.28	0.67	7.63	33.5	10
ZZ81156		0.37	0.008	0.11	0.32	281	<0.2	<10	50	0.73	0.46	0.05	0.52	5.50	27.1	11
ZZ81157		0.43	0.002	0.07	0.42	168.5	<0.2	<10	30	0.44	0.35	0.08	0.23	8.28	16.7	12
ZZ81158		0.36	0.002	0.11	0.34	108.0	<0.2	<10	60	0.66	0.25	0.39	0.10	6.39	21.0	11
ZZ81159		0.49	0.005	0.14	0.26	307	<0.2	<10	50	0.77	0.51	0.08	0.13	6.16	31.5	9
ZZ81160		0.42	0.014	0.22	0.35	115.0	<0.2	<10	50	0.75	0.45	0.05	0.51	4.92	24.3	13
ZZ81161		0.37	0.013	0.49	1.07	62.2	<0.2	<10	70	1.03	0.51	0.10	0.90	9.12	34.6	18
ZZ81162		0.38	0.012	0.25	0.92	130.0	<0.2	<10	80	1.16	0.56	0.18	1.32	6.56	31.2	15
ZZ81163		0.36	0.007	0.16	0.96	73.8	<0.2	<10	90	1.13	0.41	0.24	0.44	7.32	29.2	16
ZZ81164		0.31	0.007	0.20	0.92	61.3	<0.2	<10	110	0.92	0.34	0.36	0.31	7.73	26.1	15
ZZ81165		0.35	0.005	0.14	0.98	50.5	<0.2	<10	160	0.85	0.30	0.54	0.37	8.05	22.1	17
ZZ81166		0.36	0.007	0.12	1.09	526	<0.2	<10	100	1.08	0.33	0.13	0.44	35.6	39.6	28
ZZ81167		0.54	0.006	0.11	1.16	650	<0.2	<10	110	1.11	0.34	0.17	0.43	45.5	48.6	31
ZZ81168		0.36	0.004	0.13	1.14	432	<0.2	<10	150	0.91	0.26	0.61	0.50	24.5	27.7	25
ZZ81169		0.34	0.003	0.12	1.40	92.0	<0.2	<10	210	0.65	0.24	0.54	0.35	19.30	15.0	25
ZZ81170		0.40	0.008	0.12	1.33	27.6	<0.2	<10	150	1.15	0.27	0.42	0.32	32.0	28.7	24
ZZ81171		0.37	0.008	0.07	1.89	29.5	<0.2	<10	200	1.19	0.30	0.31	0.07	33.5	9.7	27
ZZ81172		0.41	0.005	0.13	0.80	311	<0.2	<10	80	0.82	0.28	1.04	0.26	15.75	20.5	17
ZZ81173		0.52	0.006	0.16	0.72	772	<0.2	<10	160	0.96	0.36	0.27	0.33	11.40	20.1	16
ZZ81174		0.31	0.005	0.12	1.21	302	<0.2	<10	250	0.69	0.25	0.54	0.23	20.1	13.5	24
ZZ75084		0.54	0.002	0.06	0.69	159.0	<0.2	<10	110	0.63	0.35	0.40	0.12	10.00	23.3	16

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81135		13.20	163.5	5.39	7.01	0.11	0.04	0.08	0.057	0.08	20.9	28.6	0.95	3050	1.34	<0.01
ZZ81136		16.15	92.2	3.97	5.90	0.05	0.04	0.06	0.033	0.06	14.8	19.7	0.83	1490	1.11	<0.01
ZZ81137		9.72	90.7	4.49	4.40	0.08	0.05	0.09	0.039	0.07	16.3	13.8	0.57	3330	1.21	0.01
ZZ81138		27.6	128.0	4.61	7.43	0.09	0.05	0.07	0.048	0.07	19.4	31.1	1.19	1780	1.27	0.01
ZZ81139		13.95	109.5	5.69	6.55	0.07	0.03	0.05	0.044	0.06	15.1	33.1	1.10	1150	1.10	<0.01
ZZ81140		13.65	100.5	4.98	6.81	<0.05	<0.02	0.04	0.049	0.07	12.0	26.3	0.72	1810	1.30	<0.01
ZZ81141		3.87	80.3	4.56	4.31	<0.05	<0.02	0.06	0.034	0.06	11.6	15.5	0.52	752	1.68	<0.01
ZZ81142		5.45	93.2	5.16	4.33	0.05	0.03	0.12	0.040	0.06	13.5	14.1	0.58	908	1.97	<0.01
ZZ81143		4.92	92.4	3.65	4.04	<0.05	0.03	0.07	0.035	0.08	9.8	12.5	0.62	1270	1.01	<0.01
ZZ81144		5.62	103.5	3.50	3.97	0.05	0.02	0.08	0.032	0.08	10.4	13.4	0.64	1330	0.90	<0.01
ZZ81145		3.91	83.4	3.69	4.84	0.05	0.05	0.06	0.038	0.07	12.5	13.1	0.65	285	1.30	0.01
ZZ81146		7.14	124.0	5.60	4.73	0.08	0.05	0.42	0.048	0.06	14.7	16.2	0.71	687	1.91	<0.01
ZZ81148		2.40	124.5	6.08	1.39	0.05	0.05	1.55	0.051	0.05	5.9	3.9	0.11	760	4.93	<0.01
ZZ81149		13.00	138.5	6.24	5.48	0.07	0.06	0.42	0.052	0.10	15.9	16.1	0.38	653	1.14	<0.01
ZZ81150		4.13	114.5	6.02	4.94	0.06	0.03	0.55	0.054	0.07	15.0	18.4	0.41	806	1.43	<0.01
ZZ81151		3.99	78.4	5.40	4.99	<0.05	<0.02	0.19	0.049	0.07	7.7	15.4	0.29	717	1.38	<0.01
ZZ81152		5.31	74.5	6.16	7.30	<0.05	<0.02	0.12	0.064	0.06	7.5	15.2	0.33	1400	1.35	<0.01
ZZ81153		7.86	75.1	4.68	4.52	0.05	0.03	0.34	0.050	0.08	6.6	12.8	0.35	1520	1.30	<0.01
ZZ81154		5.78	91.6	6.23	2.35	<0.05	0.06	0.87	0.061	0.09	3.3	7.1	0.20	1040	2.95	<0.01
ZZ81155		2.61	96.3	7.96	0.98	0.05	0.02	2.68	0.068	0.06	2.4	1.9	0.15	1190	3.07	<0.01
ZZ81156		3.26	82.4	6.07	1.63	<0.05	<0.02	1.95	0.058	0.07	2.0	1.0	0.03	621	2.55	<0.01
ZZ81157		5.92	49.5	3.79	3.29	<0.05	0.02	0.08	0.032	0.06	3.8	1.0	0.04	257	1.17	<0.01
ZZ81158		3.47	63.3	4.34	1.30	<0.05	0.05	0.16	0.034	0.08	3.1	1.8	0.09	542	0.49	<0.01
ZZ81159		2.86	74.4	5.80	1.06	<0.05	0.06	0.37	0.047	0.10	2.1	1.1	0.06	604	1.74	<0.01
ZZ81160		3.07	88.0	7.39	1.35	<0.05	0.04	2.67	0.069	0.06	1.6	1.8	0.05	480	2.88	<0.01
ZZ81161		19.40	98.9	7.35	2.89	0.05	0.04	0.48	0.082	0.07	3.8	10.3	0.16	983	1.72	<0.01
ZZ81162		7.07	105.0	7.92	2.57	<0.05	0.03	1.29	0.078	0.09	2.5	8.0	0.16	841	2.95	<0.01
ZZ81163		4.36	108.5	7.75	2.72	<0.05	0.04	0.94	0.059	0.07	3.3	10.8	0.22	816	4.02	<0.01
ZZ81164		4.59	94.8	7.50	2.31	0.05	0.05	0.77	0.048	0.08	3.6	7.9	0.23	1090	8.65	<0.01
ZZ81165		4.10	78.9	6.10	2.95	0.05	0.04	0.30	0.040	0.08	3.5	7.5	0.23	1050	4.26	<0.01
ZZ81166		3.36	166.0	7.42	4.01	0.07	0.03	0.84	0.060	0.07	16.7	11.3	0.40	1040	1.93	<0.01
ZZ81167		3.59	191.5	7.87	4.83	0.08	0.04	0.91	0.062	0.10	22.3	13.0	0.49	1180	1.18	<0.01
ZZ81168		3.44	122.0	6.22	3.57	<0.05	0.04	0.53	0.045	0.08	11.4	11.2	0.43	855	1.23	<0.01
ZZ81169		2.01	41.7	4.68	3.70	<0.05	0.06	0.18	0.035	0.07	9.2	24.1	0.59	1070	1.01	0.01
ZZ81170		5.81	121.5	5.29	4.29	0.06	0.05	0.15	0.036	0.07	14.6	14.1	0.84	1040	1.91	0.01
ZZ81171		6.52	97.6	5.41	5.86	0.05	0.09	0.17	0.046	0.07	16.6	17.0	0.77	154	2.13	<0.01
ZZ81172		5.61	82.0	5.04	2.48	0.05	0.04	0.75	0.041	0.08	6.8	7.6	0.46	408	2.01	0.01
ZZ81173		3.84	80.8	5.05	2.33	<0.05	0.05	1.62	0.051	0.07	4.9	11.7	0.28	382	1.96	<0.01
ZZ81174		2.40	72.0	4.82	3.89	<0.05	0.04	0.22	0.049	0.08	9.5	9.5	0.41	337	1.03	0.01
ZZ75084		4.01	53.5	3.74	2.86	<0.05	<0.02	0.12	0.031	0.09	4.4	5.8	0.11	1270	0.94	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ81135		0.31	47.2	1730	26.4	8.6	0.001	0.08	0.61	18.7	2.3	0.3	17.1	<0.01	0.14	1.3
ZZ81136		0.45	30.6	1150	14.8	8.8	<0.001	0.07	0.58	8.9	1.0	0.4	16.2	<0.01	0.07	1.2
ZZ81137		0.28	37.3	1620	19.9	7.9	<0.001	0.10	0.58	12.4	2.1	0.3	29.7	0.01	0.07	0.8
ZZ81138		0.36	34.9	1750	18.1	11.6	<0.001	0.09	0.61	12.2	2.4	0.4	32.5	<0.01	0.07	1.0
ZZ81139		0.36	40.7	1000	13.2	6.3	<0.001	0.05	0.55	9.0	1.0	0.3	14.1	<0.01	0.10	0.9
ZZ81140		0.46	32.9	890	16.6	12.4	<0.001	0.06	0.66	5.0	0.4	0.4	14.4	<0.01	0.09	0.5
ZZ81141		0.34	29.8	830	19.6	7.3	<0.001	0.05	0.81	3.0	0.7	0.3	10.5	<0.01	0.06	0.5
ZZ81142		0.27	34.6	880	24.6	7.0	<0.001	0.05	1.09	6.2	0.9	0.3	12.7	<0.01	0.08	0.9
ZZ81143		0.31	25.0	1350	13.4	7.5	<0.001	0.14	0.49	5.0	0.6	0.2	17.1	<0.01	0.06	0.5
ZZ81144		0.30	26.3	1170	13.3	5.9	<0.001	0.13	0.46	6.2	0.9	0.2	21.8	<0.01	0.06	0.5
ZZ81145		0.29	24.6	1300	14.8	8.0	<0.001	0.11	0.49	6.1	1.0	0.3	16.3	<0.01	0.07	0.8
ZZ81146		0.10	41.1	540	16.4	7.7	<0.001	0.04	0.97	12.5	1.7	0.3	14.7	<0.01	0.13	1.7
ZZ81148		0.06	57.1	530	21.3	5.0	0.003	0.04	1.52	10.8	1.9	0.3	14.6	<0.01	0.12	1.7
ZZ81149		0.20	47.3	1210	12.6	17.1	<0.001	0.06	1.71	12.6	1.9	0.5	13.7	<0.01	0.19	1.3
ZZ81150		0.29	48.5	750	17.9	9.0	<0.001	0.03	1.78	9.8	1.0	0.4	16.1	<0.01	0.16	1.5
ZZ81151		0.30	34.0	970	15.0	12.4	<0.001	0.06	1.22	4.5	0.5	0.4	8.7	<0.01	0.15	0.6
ZZ81152		0.50	27.3	1460	16.1	11.1	<0.001	0.09	0.85	3.9	0.3	0.5	7.4	<0.01	0.14	0.4
ZZ81153		0.29	28.3	1170	14.9	9.5	0.001	0.12	1.04	8.0	1.5	0.4	47.9	<0.01	0.16	0.7
ZZ81154		0.12	44.6	860	23.8	7.4	0.001	0.08	1.73	11.5	1.6	0.4	23.7	<0.01	0.18	1.3
ZZ81155		0.06	69.9	470	28.5	3.7	0.001	0.05	1.94	12.7	2.7	0.4	22.6	<0.01	0.32	2.1
ZZ81156		0.12	56.0	770	22.6	6.9	0.003	0.06	6.77	9.0	1.9	0.4	34.2	<0.01	0.25	1.0
ZZ81157		0.45	28.2	630	19.3	11.1	<0.001	0.06	1.39	4.6	0.6	0.5	11.2	<0.01	0.05	1.0
ZZ81158		0.14	35.6	540	22.2	6.6	<0.001	0.11	0.88	9.8	0.5	0.2	35.7	<0.01	0.07	1.6
ZZ81159		0.10	43.6	450	35.2	6.0	<0.001	0.05	3.45	9.1	1.2	0.3	24.9	<0.01	0.11	3.4
ZZ81160		0.08	60.5	450	31.5	4.1	0.003	0.05	1.99	11.5	3.0	0.3	14.6	<0.01	0.21	1.9
ZZ81161		0.18	95.8	890	29.0	9.3	0.002	0.07	1.27	13.5	3.7	0.4	10.3	<0.01	0.34	1.4
ZZ81162		0.15	78.7	780	24.8	7.4	0.002	0.08	2.80	10.5	3.4	0.3	18.1	<0.01	0.35	1.3
ZZ81163		0.15	51.9	670	25.7	6.6	0.001	0.04	1.24	12.9	1.9	0.3	12.4	<0.01	0.20	1.6
ZZ81164		0.15	42.4	710	26.1	6.5	0.001	0.05	1.18	11.5	1.6	0.3	13.3	<0.01	0.11	1.6
ZZ81165		0.24	32.3	1020	18.7	7.6	<0.001	0.09	0.99	8.6	1.4	0.3	17.3	<0.01	0.14	0.9
ZZ81166		0.12	54.0	630	18.2	6.4	0.001	0.04	2.45	15.2	1.7	0.4	13.1	<0.01	0.19	2.0
ZZ81167		0.11	60.2	470	18.0	7.6	<0.001	0.10	2.81	18.3	1.4	0.3	15.9	<0.01	0.26	2.5
ZZ81168		0.17	40.3	850	14.8	7.7	<0.001	0.09	1.90	11.1	0.9	0.3	20.8	<0.01	0.17	1.3
ZZ81169		0.33	26.4	690	11.3	7.6	0.001	0.13	0.77	6.1	2.4	0.3	22.0	<0.01	0.07	2.2
ZZ81170		0.19	32.7	740	23.1	5.3	<0.001	0.07	0.85	9.9	1.3	0.2	10.9	<0.01	0.07	2.0
ZZ81171		0.23	21.5	910	25.3	10.3	<0.001	0.07	0.72	10.5	1.7	0.4	11.9	<0.01	0.09	2.1
ZZ81172		0.17	30.2	680	18.5	7.2	0.002	0.17	1.87	9.0	2.0	0.3	35.9	<0.01	0.12	1.3
ZZ81173		0.17	39.2	460	24.4	6.9	0.003	0.07	6.94	9.8	1.9	0.3	27.1	<0.01	0.11	1.9
ZZ81174		0.23	25.3	1240	9.8	9.0	<0.001	0.11	1.22	7.2	0.6	0.3	22.6	<0.01	0.12	0.9
ZZ75084		0.35	28.7	450	26.5	10.5	<0.001	0.03	1.77	5.7	0.3	0.4	26.8	<0.01	0.08	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ81135		0.014	0.18	0.48	69	0.07	34.7	86	1.0
ZZ81136		0.017	0.15	0.42	62	0.10	14.15	80	1.0
ZZ81137		0.014	0.37	0.47	66	0.10	29.4	82	1.0
ZZ81138		0.020	0.20	0.59	71	0.09	29.6	84	1.1
ZZ81139		0.016	0.25	0.35	79	0.18	16.80	82	0.7
ZZ81140		0.014	0.21	0.35	74	0.11	5.31	76	<0.5
ZZ81141		0.010	0.17	0.36	51	0.09	5.73	69	<0.5
ZZ81142		0.009	0.36	0.44	54	0.09	9.98	78	0.7
ZZ81143		0.010	0.15	0.31	49	0.05	10.50	68	0.6
ZZ81144		0.011	0.13	0.30	48	0.06	11.85	68	0.6
ZZ81145		0.007	0.16	0.45	49	<0.05	12.40	61	1.4
ZZ81146		<0.005	0.63	0.35	58	0.08	15.00	85	1.4
ZZ81148		<0.005	0.61	0.45	24	<0.05	11.85	97	1.5
ZZ81149		<0.005	1.09	0.51	74	0.11	19.10	108	1.3
ZZ81150		0.006	0.88	0.40	64	0.11	11.05	91	0.7
ZZ81151		0.005	0.39	0.38	59	0.08	4.47	79	<0.5
ZZ81152		0.008	0.23	0.35	91	0.07	4.39	82	<0.5
ZZ81153		0.007	0.39	0.31	53	0.06	9.41	95	0.9
ZZ81154		<0.005	0.82	0.32	36	0.07	9.57	95	1.7
ZZ81155		<0.005	1.42	0.31	26	0.08	9.04	112	1.2
ZZ81156		<0.005	1.74	0.37	28	0.27	4.48	103	<0.5
ZZ81157		0.008	0.24	0.39	34	0.62	3.38	68	0.5
ZZ81158		<0.005	0.21	0.34	22	0.21	9.24	73	1.9
ZZ81159		<0.005	0.66	0.46	19	0.15	8.01	110	4.2
ZZ81160		<0.005	0.91	0.32	26	0.06	6.66	114	2.8
ZZ81161		<0.005	0.46	0.37	35	0.06	11.55	138	1.2
ZZ81162		<0.005	0.69	0.33	31	0.12	8.13	136	0.8
ZZ81163		<0.005	0.34	0.37	34	<0.05	13.75	107	1.5
ZZ81164		<0.005	0.26	0.36	32	<0.05	16.05	106	1.8
ZZ81165		0.005	0.25	0.31	41	<0.05	9.96	94	1.4
ZZ81166		<0.005	1.19	0.26	71	0.10	12.35	108	1.0
ZZ81167		<0.005	1.50	0.20	83	0.14	11.80	109	1.2
ZZ81168		<0.005	0.85	0.30	62	0.10	11.20	105	1.2
ZZ81169		0.010	0.19	0.89	38	0.08	8.79	100	2.2
ZZ81170		0.008	0.23	0.38	50	<0.05	14.75	83	1.9
ZZ81171		<0.005	0.28	0.59	59	<0.05	14.55	52	2.6
ZZ81172		<0.005	0.71	0.49	38	0.12	9.37	71	1.4
ZZ81173		<0.005	1.81	0.40	31	0.30	8.20	99	1.7
ZZ81174		0.005	0.52	0.32	60	0.10	6.30	78	1.2
ZZ75084		0.008	0.77	0.42	35	0.13	6.02	71	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ75085		0.31	0.006	0.17	0.41	299	<0.2	<10	100	0.92	0.46	0.19	0.18	5.66	28.0	10
ZZ75086		0.45	0.003	0.11	0.32	221	<0.2	<10	50	0.58	0.27	0.25	0.12	6.97	19.9	9
ZZ75087		0.35	0.014	0.25	0.61	105.0	<0.2	<10	60	1.28	0.52	0.10	0.84	7.50	31.4	15
ZZ75088		0.40	0.011	0.25	0.50	81.6	<0.2	<10	60	0.93	0.47	0.17	0.65	8.32	29.2	9
ZZ75089		0.40	0.011	0.26	0.91	61.3	<0.2	<10	50	1.31	0.47	0.13	0.91	10.85	35.7	16
ZZ75090		0.18	0.004	0.17	0.87	31.1	<0.2	<10	120	0.71	0.23	1.21	0.34	6.89	13.0	12
ZZ75091		0.37	0.005	0.19	1.33	72.0	<0.2	<10	130	0.94	0.27	0.44	0.25	26.4	19.2	25
ZZ75092		0.38	0.003	0.05	1.60	52.0	<0.2	<10	180	0.98	0.32	0.32	0.14	24.1	17.0	24
ZZ75093		0.34	0.004	0.06	1.48	167.0	<0.2	<10	110	0.90	0.29	0.11	0.26	33.8	23.3	26
ZZ75094		0.22	0.001	0.06	1.45	29.6	<0.2	<10	170	0.64	0.34	0.41	0.36	21.6	13.0	20
ZZ75095		0.43	0.002	0.19	1.78	11.2	<0.2	<10	120	0.81	0.32	0.43	0.29	31.8	11.7	32
ZZ75096		0.42	0.002	0.05	1.84	10.9	<0.2	<10	150	0.85	0.29	0.16	0.08	32.5	12.7	24
ZZ75097		0.38	0.006	0.09	1.25	50.4	<0.2	<10	210	1.09	0.42	0.39	0.21	34.3	18.7	22
ZZ75098		0.27	0.008	0.10	1.23	9.6	<0.2	<10	590	0.91	0.19	1.32	0.63	29.1	41.1	22
ZZ75099		0.25	0.003	0.13	1.40	8.7	<0.2	<10	370	0.72	0.22	0.63	0.56	21.5	41.7	23
ZZ75100		0.50	0.015	0.20	2.20	11.2	<0.2	<10	730	1.83	0.30	0.73	0.56	59.4	74.5	33
ZZ75101		0.32	0.004	0.12	1.93	11.8	<0.2	<10	220	0.87	0.30	0.14	0.26	32.5	31.2	33
ZZ75102		0.24	0.004	0.08	1.88	9.6	<0.2	<10	460	0.89	0.31	0.52	0.48	28.5	36.0	29
ZZ75103		0.25	0.003	0.08	2.22	11.6	<0.2	<10	280	1.13	0.34	0.43	0.31	38.3	32.0	35
ZZ75104		0.36	0.004	0.17	1.90	17.1	<0.2	<10	210	1.44	0.28	1.14	1.85	33.8	49.8	24
ZZ75105		0.38	0.004	0.08	1.93	22.7	<0.2	<10	120	0.75	0.42	0.08	0.29	36.0	28.4	30
ZZ75106		0.33	0.003	0.21	0.56	49.4	<0.2	<10	60	1.51	0.51	0.39	0.21	28.9	19.0	9
ZZ75107		0.52	0.009	0.59	2.05	45.7	<0.2	<10	110	1.75	0.50	0.38	0.69	73.2	56.0	41
ZZ75108		0.43	0.009	0.36	1.58	50.8	<0.2	<10	80	1.25	0.48	0.40	0.54	56.7	44.1	32
ZZ75109		0.26	0.002	0.11	1.81	15.5	<0.2	<10	110	0.90	0.32	0.11	0.47	30.3	22.6	30
ZZ75110		0.39	0.006	0.30	2.09	20.9	<0.2	<10	240	1.44	0.42	0.45	0.59	45.5	31.6	34
ZZ75111		0.21	0.005	0.15	2.07	17.5	<0.2	<10	210	1.17	0.40	0.21	0.42	40.7	24.0	34
ZZ75112		0.24	0.002	0.04	1.29	18.1	<0.2	<10	80	0.30	0.49	0.06	0.19	34.3	12.9	24
ZZ75113		0.37	0.005	0.16	0.89	5.6	<0.2	<10	330	0.76	0.17	1.33	4.90	30.8	39.6	16
ZZ75114		0.30	0.004	0.08	1.33	12.6	<0.2	<10	260	0.79	0.32	0.16	0.56	31.6	28.8	29
ZZ75115		0.38	0.005	0.08	1.68	13.6	<0.2	<10	220	0.89	0.34	0.26	0.21	36.2	23.4	29
ZZ75116		0.42	0.015	0.33	1.72	23.4	<0.2	<10	400	1.60	0.28	1.05	0.77	55.7	48.5	38
ZZ75117		0.33	0.003	0.25	0.81	13.1	<0.2	<10	210	0.50	0.27	0.48	1.44	16.70	24.1	23
ZZ75118		0.23	0.003	0.18	1.06	17.7	<0.2	<10	140	0.81	0.29	0.48	0.93	20.2	29.0	21
ZZ75119		0.43	0.004	0.15	1.53	132.0	<0.2	<10	100	1.01	0.37	0.67	0.52	25.9	19.4	26
ZZ75120		0.34	0.001	0.11	0.63	83.1	<0.2	<10	90	0.41	0.34	0.13	0.11	10.55	14.3	15
ZZ75121		0.32	0.003	0.10	0.49	331	<0.2	<10	80	0.81	0.45	0.21	0.16	7.56	19.8	12
ZZ75122		0.39	0.002	0.05	1.33	58.9	<0.2	<10	110	0.74	0.38	0.14	0.18	17.45	20.9	23
ZZ75123		0.26	0.006	0.16	0.73	72.5	<0.2	<10	90	0.76	0.35	0.69	0.44	8.29	25.3	13
ZZ75124		0.32	0.007	0.20	0.87	62.4	<0.2	<10	60	1.07	0.37	0.40	0.56	7.02	25.3	15

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75085		4.00	79.2	5.33	1.27	<0.05	0.02	1.43	0.051	0.09	2.4	1.2	0.06	819	1.43	<0.01
ZZ75086		3.00	63.5	4.82	1.04	<0.05	0.03	0.34	0.036	0.09	3.2	1.1	0.06	563	0.81	<0.01
ZZ75087		11.30	97.6	7.54	1.79	<0.05	0.03	1.55	0.080	0.07	2.7	3.6	0.08	702	2.26	<0.01
ZZ75088		8.56	101.5	8.85	1.34	0.05	0.02	4.18	0.082	0.06	2.5	4.5	0.12	639	1.71	<0.01
ZZ75089		8.03	107.0	8.16	2.67	0.06	0.05	2.26	0.088	0.07	3.8	10.9	0.22	979	2.57	<0.01
ZZ75090		10.10	54.7	3.56	2.63	<0.05	0.07	0.31	0.040	0.09	3.7	7.9	0.29	338	1.36	<0.01
ZZ75091		11.20	79.6	4.27	4.35	0.05	0.06	0.31	0.046	0.08	13.2	20.2	0.50	511	1.80	<0.01
ZZ75092		3.16	45.4	4.21	4.91	<0.05	0.09	0.10	0.041	0.08	9.6	32.4	0.48	640	1.03	<0.01
ZZ75093		2.78	86.1	4.81	4.74	0.06	0.04	0.19	0.043	0.07	14.2	27.2	0.53	901	0.91	<0.01
ZZ75094		2.30	26.9	3.56	4.78	<0.05	0.11	0.09	0.033	0.09	7.4	40.0	0.47	690	0.90	<0.01
ZZ75095		1.39	25.7	3.22	5.19	0.05	0.10	0.08	0.036	0.08	15.5	39.6	0.64	384	0.74	<0.01
ZZ75096		1.45	31.4	3.29	5.14	0.06	0.08	0.09	0.027	0.09	16.8	47.0	0.60	398	0.50	<0.01
ZZ75097		5.06	89.3	4.65	4.55	0.11	0.09	0.24	0.053	0.07	16.3	13.7	0.63	373	1.44	<0.01
ZZ75098		6.82	112.5	3.91	4.28	0.11	0.02	0.13	0.041	0.08	11.0	11.9	0.62	2140	0.64	0.01
ZZ75099		6.10	83.3	4.31	5.32	0.09	0.02	0.12	0.046	0.09	7.7	11.0	0.55	2290	0.82	<0.01
ZZ75100		10.30	162.0	6.39	6.82	0.15	0.04	0.14	0.068	0.08	22.9	20.1	0.98	3680	0.92	<0.01
ZZ75101		4.03	100.5	5.39	7.00	0.09	<0.02	0.06	0.053	0.07	13.3	19.5	0.85	1440	0.93	<0.01
ZZ75102		8.35	97.1	4.95	7.28	0.10	0.02	0.04	0.048	0.08	11.7	17.4	0.88	2460	1.13	<0.01
ZZ75103		7.50	111.0	5.02	7.72	0.11	0.04	0.05	0.056	0.06	15.4	23.5	1.11	1370	1.12	<0.01
ZZ75104		9.36	133.5	3.53	6.03	0.12	0.04	0.15	0.049	0.08	11.7	16.1	0.77	3980	1.14	<0.01
ZZ75105		5.37	59.9	4.15	8.74	0.10	<0.02	0.06	0.052	0.06	14.8	19.5	0.53	1520	1.93	<0.01
ZZ75106		2.94	47.1	3.71	1.92	0.12	0.14	0.20	0.046	0.09	14.1	3.7	0.15	711	1.98	<0.01
ZZ75107		9.78	217	7.39	7.93	0.20	0.08	0.18	0.101	0.09	38.2	32.0	0.93	1770	1.25	<0.01
ZZ75108		7.99	145.5	6.61	6.12	0.15	0.08	0.57	0.078	0.07	26.9	19.3	0.71	1500	1.72	<0.01
ZZ75109		8.17	82.4	4.10	6.33	0.09	<0.02	0.08	0.054	0.07	11.5	20.5	0.59	963	1.37	<0.01
ZZ75110		9.23	130.5	5.25	7.28	0.14	0.02	0.09	0.072	0.07	21.1	20.1	0.68	2060	1.96	<0.01
ZZ75111		10.80	83.9	4.32	7.93	0.10	<0.02	0.07	0.067	0.06	14.6	21.4	0.59	1500	1.71	<0.01
ZZ75112		3.60	45.1	3.99	9.11	0.10	<0.02	0.05	0.036	0.06	16.8	10.0	0.34	460	1.98	<0.01
ZZ75113		4.40	62.2	2.77	3.08	0.10	0.02	0.11	0.032	0.11	8.1	7.2	0.37	4070	0.72	<0.01
ZZ75114		9.43	79.1	5.22	5.72	0.09	<0.02	0.07	0.047	0.08	12.3	15.1	0.44	1920	1.26	<0.01
ZZ75115		5.24	70.3	4.84	5.65	0.09	0.02	0.06	0.050	0.07	13.7	34.2	0.64	1020	0.92	<0.01
ZZ75116		14.45	169.5	7.24	6.00	0.15	0.05	0.14	0.077	0.09	24.7	19.3	0.79	3650	0.93	<0.01
ZZ75117		5.36	63.0	4.31	5.16	0.09	<0.02	0.12	0.042	0.09	7.5	4.4	0.21	3050	0.97	<0.01
ZZ75118		4.69	62.2	4.14	4.25	0.09	<0.02	0.09	0.050	0.07	8.0	7.3	0.29	2370	1.36	0.01
ZZ75119		5.76	57.4	4.76	4.83	0.11	0.14	0.28	0.052	0.09	11.8	37.0	0.58	614	1.12	<0.01
ZZ75120		2.79	43.5	3.47	3.73	0.08	<0.02	0.09	0.032	0.07	4.7	2.9	0.08	327	1.29	<0.01
ZZ75121		3.22	65.7	4.76	2.16	0.08	0.02	0.68	0.049	0.08	3.3	3.3	0.08	513	1.43	<0.01
ZZ75122		5.09	58.9	4.66	5.00	0.09	<0.02	0.18	0.046	0.06	7.0	17.4	0.33	579	1.37	<0.01
ZZ75123		5.56	71.5	5.09	2.60	0.09	0.05	0.30	0.046	0.07	3.5	7.2	0.25	944	1.57	<0.01
ZZ75124		6.35	87.2	7.12	2.65	0.06	0.09	1.74	0.066	0.07	3.2	9.0	0.24	750	2.30	<0.01

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Finalized Date: 10- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75085		0.13	40.1	600	31.9	7.2	<0.001	0.06	4.88	11.5	1.5	0.4	32.3	<0.01	0.15	1.3
ZZ75086		0.12	34.4	370	22.1	5.9	<0.001	0.08	2.02	9.5	0.8	0.2	25.9	<0.01	0.08	2.3
ZZ75087		0.13	95.5	830	28.8	7.0	0.003	0.09	1.70	12.5	3.0	0.4	10.9	<0.01	0.38	1.1
ZZ75088		0.07	69.2	610	32.1	5.0	0.002	0.02	1.01	13.5	2.7	0.3	10.3	<0.01	0.54	2.0
ZZ75089		0.07	78.2	670	33.7	5.6	0.002	0.04	1.23	13.3	3.1	0.4	13.9	<0.01	0.32	1.8
ZZ75090		0.26	27.8	1070	14.3	10.3	<0.001	0.11	0.84	6.1	1.4	0.3	35.5	<0.01	0.09	0.7
ZZ75091		0.49	38.7	710	16.5	10.3	<0.001	0.03	1.02	9.6	1.5	0.4	21.8	<0.01	0.09	1.9
ZZ75092		0.31	31.3	970	20.6	11.0	<0.001	0.03	0.85	5.1	0.7	0.4	16.9	<0.01	0.08	2.2
ZZ75093		0.35	38.6	640	18.4	8.9	<0.001	0.01	1.19	7.4	0.9	0.4	11.9	<0.01	0.09	2.7
ZZ75094		0.34	23.5	1240	22.7	13.7	<0.001	0.06	0.96	3.1	0.6	0.4	26.2	<0.01	0.05	2.3
ZZ75095		0.76	31.9	640	17.7	10.9	<0.001	0.02	0.81	5.3	1.1	0.5	34.5	<0.01	0.04	3.6
ZZ75096		0.36	35.3	310	17.4	9.3	<0.001	<0.01	0.87	4.3	0.8	0.4	18.7	<0.01	0.04	5.4
ZZ75097		0.18	32.4	670	24.1	7.8	<0.001	0.03	0.68	10.6	1.1	0.3	14.3	<0.01	0.10	2.7
ZZ75098		0.25	31.1	1110	13.3	6.9	<0.001	0.14	0.37	9.1	1.3	0.2	34.2	<0.01	0.07	0.6
ZZ75099		0.31	22.7	1960	15.5	8.9	<0.001	0.18	0.37	4.2	0.9	0.3	23.7	<0.01	0.08	0.4
ZZ75100		0.24	43.5	1520	26.3	9.7	<0.001	0.07	0.44	21.9	1.9	0.3	40.4	<0.01	0.11	1.4
ZZ75101		0.36	35.6	1110	16.2	8.8	<0.001	0.06	0.47	2.8	0.6	0.4	14.7	<0.01	0.10	0.4
ZZ75102		0.31	31.5	1460	17.4	11.9	<0.001	0.09	0.49	4.1	0.6	0.3	30.2	<0.01	0.08	0.6
ZZ75103		0.41	39.4	1100	19.7	10.0	<0.001	0.05	0.57	10.1	1.1	0.4	19.5	<0.01	0.08	1.6
ZZ75104		0.36	28.1	2000	23.7	11.9	<0.001	0.15	0.62	7.4	1.3	0.3	30.0	<0.01	0.09	0.7
ZZ75105		0.65	29.0	1080	19.2	13.8	<0.001	0.04	1.04	3.9	0.9	0.8	9.9	<0.01	0.11	0.5
ZZ75106		0.14	30.9	890	34.3	7.0	<0.001	0.05	0.99	7.3	1.2	0.4	8.7	<0.01	0.07	3.2
ZZ75107		0.13	79.2	1010	26.7	8.7	<0.001	0.03	0.56	27.6	3.0	0.5	23.1	<0.01	0.27	4.6
ZZ75108		0.14	58.4	720	27.9	7.5	<0.001	0.03	1.00	21.1	2.1	0.4	21.9	<0.01	0.20	3.9
ZZ75109		0.70	31.1	1010	16.0	11.1	<0.001	0.08	0.82	3.4	0.8	0.5	10.5	<0.01	0.09	0.4
ZZ75110		0.41	42.6	1530	28.2	12.4	<0.001	0.08	0.94	7.3	2.0	0.5	21.3	<0.01	0.13	0.6
ZZ75111		0.62	31.1	1380	19.1	13.2	<0.001	0.08	0.99	4.2	1.4	0.7	15.5	<0.01	0.09	0.3
ZZ75112		1.68	21.7	370	16.4	12.9	<0.001	0.01	1.03	3.8	0.5	0.9	8.1	<0.01	0.08	3.1
ZZ75113		0.26	26.7	1540	17.8	7.6	<0.001	0.18	0.32	6.1	0.9	0.2	29.3	<0.01	0.06	0.5
ZZ75114		0.40	33.1	1020	17.1	13.1	<0.001	0.06	0.62	3.6	0.7	0.4	18.7	<0.01	0.08	0.3
ZZ75115		0.42	34.9	760	16.2	8.6	<0.001	0.04	0.71	5.8	0.9	0.4	22.7	<0.01	0.09	1.5
ZZ75116		0.32	55.0	1370	19.0	8.5	<0.001	0.09	0.62	28.2	2.3	0.3	31.7	<0.01	0.08	1.7
ZZ75117		0.26	21.2	1790	16.7	12.9	0.001	0.16	0.55	1.4	0.7	0.4	14.1	<0.01	0.10	<0.2
ZZ75118		0.21	23.9	1730	19.9	9.0	<0.001	0.15	0.74	2.2	0.8	0.3	14.4	<0.01	0.08	0.2
ZZ75119		0.23	35.0	930	16.8	11.6	<0.001	0.08	0.89	8.8	1.4	0.3	43.8	<0.01	0.09	2.7
ZZ75120		0.25	25.6	720	13.9	11.9	<0.001	0.04	1.42	1.5	0.5	0.5	13.3	<0.01	0.08	0.2
ZZ75121		0.16	38.8	500	19.5	7.4	0.001	0.03	3.67	6.9	0.7	0.4	15.7	<0.01	0.10	1.3
ZZ75122		0.51	36.0	660	18.3	10.8	<0.001	0.02	1.11	4.9	0.8	0.5	10.6	<0.01	0.09	1.2
ZZ75123		0.24	39.3	1050	24.1	6.5	<0.001	0.10	1.06	6.5	0.9	0.3	23.4	<0.01	0.11	0.8
ZZ75124		0.13	53.2	830	25.3	7.0	0.002	0.07	1.29	11.4	2.2	0.4	14.9	<0.01	0.27	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ75085		<0.005	1.84	0.55	20	0.46	9.66	91	0.7
ZZ75086		<0.005	0.36	0.41	19	0.13	8.36	81	1.2
ZZ75087		<0.005	0.94	0.39	31	<0.05	9.47	132	0.8
ZZ75088		<0.005	1.28	0.38	20	<0.05	9.07	119	0.7
ZZ75089		<0.005	0.66	0.42	30	<0.05	13.55	111	1.6
ZZ75090		<0.005	0.28	0.32	26	<0.05	9.50	61	2.0
ZZ75091		0.013	0.31	0.67	44	0.13	13.75	77	1.4
ZZ75092		0.006	0.25	0.67	37	0.18	6.06	73	2.3
ZZ75093		0.009	0.54	0.57	47	0.13	7.34	85	1.2
ZZ75094		0.010	0.12	0.62	27	0.08	4.36	120	3.1
ZZ75095		0.029	0.12	1.29	39	0.16	12.15	126	2.7
ZZ75096		0.009	0.10	0.82	25	0.09	10.00	73	2.9
ZZ75097		0.005	0.19	0.35	48	0.05	14.65	77	2.5
ZZ75098		0.009	0.11	0.20	57	<0.05	16.45	64	0.7
ZZ75099		0.010	0.09	0.22	62	0.05	7.35	51	0.6
ZZ75100		0.011	0.17	0.27	91	0.06	35.0	81	0.8
ZZ75101		0.009	0.10	0.29	76	0.08	6.54	77	<0.5
ZZ75102		0.013	0.10	0.28	71	0.06	7.13	96	0.5
ZZ75103		0.014	0.10	0.35	71	0.10	14.15	80	1.0
ZZ75104		0.015	0.20	0.42	52	0.10	19.70	76	1.0
ZZ75105		0.024	0.22	0.48	76	0.20	6.90	77	<0.5
ZZ75106		<0.005	0.18	0.55	16	<0.05	20.9	68	4.3
ZZ75107		0.007	0.34	0.50	92	<0.05	42.3	125	2.3
ZZ75108		0.005	0.60	0.33	71	<0.05	23.5	107	2.4
ZZ75109		0.015	0.15	0.44	62	0.12	6.01	74	<0.5
ZZ75110		0.013	0.17	0.60	73	0.12	26.9	83	<0.5
ZZ75111		0.016	0.15	0.63	70	0.19	14.05	74	<0.5
ZZ75112		0.032	0.17	0.39	92	0.24	2.98	59	<0.5
ZZ75113		0.010	0.10	0.20	35	<0.05	12.30	144	0.8
ZZ75114		0.014	0.12	0.33	83	0.09	5.96	88	<0.5
ZZ75115		0.011	0.11	0.38	65	0.08	10.30	73	0.5
ZZ75116		0.013	0.37	0.34	123	0.07	38.3	95	1.3
ZZ75117		0.008	0.13	0.38	67	0.05	3.78	80	<0.5
ZZ75118		0.007	0.15	0.42	49	0.07	7.63	72	<0.5
ZZ75119		0.005	0.36	1.32	40	0.08	12.05	174	3.9
ZZ75120		0.006	0.31	0.36	36	0.11	3.22	62	<0.5
ZZ75121		<0.005	0.87	0.37	26	0.55	6.28	88	0.7
ZZ75122		0.010	0.21	0.40	48	0.15	6.83	73	<0.5
ZZ75123		0.007	0.18	0.29	30	0.07	9.22	84	1.4
ZZ75124		<0.005	0.46	0.41	28	0.06	11.95	106	2.2

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ75125		0.33	0.003	0.10	1.25	148.0	<0.2	<10	170	1.04	0.28	0.39	0.19	19.05	23.5	21
ZZ81763		0.27	0.006	0.13	0.56	67.8	<0.2	<10	60	1.45	0.42	0.60	0.15	11.15	27.7	13
ZZ81764		0.28	0.004	0.11	0.38	106.5	<0.2	<10	60	1.00	0.30	0.62	0.11	10.80	26.8	10
ZZ81765		0.27	0.003	0.09	0.36	155.5	<0.2	<10	60	0.57	0.24	0.30	0.27	5.95	23.2	12
ZZ81766		0.29	0.020	0.32	0.56	98.7	<0.2	<10	60	1.00	0.45	0.26	1.24	7.43	34.1	12
ZZ81767		0.35	0.014	0.32	0.82	96.2	<0.2	<10	70	1.07	0.49	0.18	0.87	6.10	47.3	14
ZZ81768		0.49	0.010	0.22	0.70	106.0	<0.2	<10	70	1.09	0.42	0.18	0.69	7.37	31.0	13
ZZ81769		0.23	0.006	0.22	0.88	72.6	<0.2	<10	130	1.11	0.35	0.38	0.35	13.40	28.2	16
ZZ81770		0.18	0.004	0.14	0.91	47.0	<0.2	<10	90	0.61	0.27	0.78	0.37	10.15	15.3	15
ZZ81771		0.34	0.004	0.05	1.72	34.9	<0.2	<10	70	0.71	0.30	0.24	0.38	24.4	52.7	31
ZZ81772		0.22	0.003	0.10	1.47	46.1	<0.2	<10	160	0.67	0.25	0.61	0.13	12.75	12.9	22
ZZ81773		0.25	0.004	0.08	2.02	89.6	<0.2	<10	300	1.31	0.28	0.42	0.11	23.4	18.1	29
ZZ81774		0.39	0.002	0.03	1.67	22.2	<0.2	<10	110	0.99	0.30	0.16	0.10	26.4	13.6	23
ZZ81775		0.68	0.002	0.07	1.71	26.8	<0.2	<10	100	0.79	0.32	0.29	0.21	30.1	17.9	23
ZZ81776		0.23	0.006	0.10	0.79	138.0	<0.2	10	150	0.83	0.23	1.08	0.31	22.1	21.1	16
ZZ81777		0.28	0.008	0.12	1.19	9.0	<0.2	<10	320	0.78	0.15	1.29	0.88	30.8	45.2	19
ZZ81778		0.27	0.012	0.13	1.35	9.4	<0.2	<10	580	0.98	0.15	1.41	1.12	33.5	46.0	22
ZZ81779		0.33	0.004	0.17	1.62	7.8	<0.2	<10	220	0.90	0.17	0.67	0.47	23.1	65.3	28
ZZ81780		0.34	0.013	0.08	2.32	9.7	<0.2	<10	260	1.21	0.20	0.42	0.26	45.0	47.0	36
ZZ81781		0.34	0.006	0.15	1.96	7.2	<0.2	<10	490	1.42	0.19	0.82	0.49	45.4	56.1	31
ZZ81782		0.25	0.027	0.18	2.62	9.8	<0.2	<10	410	1.91	0.22	0.44	0.47	52.7	49.5	36
ZZ81783		0.41	0.009	0.19	1.80	31.7	<0.2	<10	300	1.29	0.24	0.38	0.32	41.9	39.9	33
ZZ81784		0.29	0.003	0.18	0.58	88.7	<0.2	<10	70	1.20	0.37	0.25	0.35	33.8	24.9	11
ZZ81785		0.25	0.001	0.19	0.75	16.9	<0.2	<10	150	0.60	0.19	0.58	1.37	10.15	18.1	16
ZZ81786		0.42	0.007	0.26	1.58	38.9	<0.2	<10	180	1.84	0.20	1.63	0.73	64.5	82.9	26
ZZ81787		0.38	0.009	0.22	1.57	13.7	<0.2	<10	240	1.37	0.15	1.76	1.91	39.3	72.5	26
ZZ81788		0.18	0.003	0.17	0.90	18.0	<0.2	<10	180	0.86	0.11	2.24	0.97	25.1	59.2	16
ZZ81789		0.23	0.003	0.17	1.59	35.0	<0.2	<10	130	1.08	0.24	0.36	0.98	19.30	64.9	27
ZZ81790		0.31	0.014	0.11	1.91	10.5	<0.2	<10	270	1.02	0.18	0.62	0.26	34.1	26.5	29
ZZ81791		0.21	0.004	0.15	1.23	8.2	<0.2	<10	500	0.98	0.16	1.47	0.86	23.2	32.6	16
ZZ81792		0.26	0.010	0.16	1.79	11.4	<0.2	<10	1010	1.47	0.18	1.71	0.83	33.3	32.7	23
ZZ81793		0.33	0.018	0.15	2.11	16.0	<0.2	<10	280	1.51	0.21	0.71	0.49	45.7	60.5	34
ZZ81794		0.21	0.008	0.19	0.90	8.0	<0.2	<10	370	1.03	0.11	2.03	1.09	31.3	29.7	11
ZZ81795		0.26	0.007	0.14	1.14	23.0	<0.2	<10	390	1.07	0.16	1.33	1.31	28.9	40.7	18
ZZ81796		0.43	0.010	0.12	1.07	49.8	<0.2	<10	210	1.01	0.26	1.61	0.73	32.7	38.5	25
ZZ81797		0.33	0.008	0.14	1.18	35.2	<0.2	<10	190	0.91	0.21	1.57	0.82	30.6	32.2	23
ZZ81798		0.28	0.003	0.07	1.83	17.9	<0.2	<10	140	0.72	0.24	0.14	0.13	26.8	13.2	25
ZZ81799		0.26	0.002	0.06	1.74	17.3	<0.2	<10	90	0.88	0.44	0.05	0.09	35.9	15.6	22
ZZ81800		0.25	0.003	0.04	1.99	12.4	<0.2	<10	100	0.82	0.29	0.05	0.08	34.2	14.1	24
ZZ81801		0.17	0.005	0.34	1.67	42.5	<0.2	<10	230	0.89	0.24	1.19	0.63	15.15	10.0	25

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Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75125		2.51	72.2	5.30	3.97	<0.05	0.08	0.31	0.040	0.07	6.8	19.9	0.39	691	1.54	<0.01
ZZ81763		5.03	91.3	6.18	1.73	0.07	0.08	0.78	0.059	0.08	4.3	5.6	0.13	766	2.12	<0.01
ZZ81764		3.38	70.8	5.37	1.05	0.05	0.06	0.51	0.046	0.08	4.1	2.9	0.08	591	1.01	<0.01
ZZ81765		1.64	46.9	4.69	1.48	<0.05	0.03	0.17	0.031	0.09	2.3	1.5	0.07	1190	1.07	0.01
ZZ81766		9.08	98.0	8.04	1.65	0.08	0.05	2.88	0.070	0.06	2.2	6.4	0.14	1080	2.45	<0.01
ZZ81767		6.27	122.0	9.30	2.29	0.08	0.06	2.37	0.073	0.07	2.0	11.0	0.26	1280	3.46	0.02
ZZ81768		3.78	106.0	7.99	2.16	0.07	0.07	0.78	0.064	0.07	3.0	6.3	0.16	1060	3.04	<0.01
ZZ81769		6.14	93.5	7.14	2.79	0.08	0.09	0.48	0.053	0.07	5.7	8.4	0.24	1110	35.3	<0.01
ZZ81770		6.35	54.8	3.90	3.19	<0.05	0.02	0.18	0.041	0.07	4.3	8.4	0.29	481	2.30	0.01
ZZ81771		10.05	57.9	5.41	6.80	<0.05	<0.02	0.09	0.050	0.06	8.3	22.8	0.55	1850	1.64	<0.01
ZZ81772		4.46	40.2	3.84	4.89	<0.05	0.07	0.07	0.036	0.07	5.4	20.8	0.46	484	1.33	0.01
ZZ81773		4.94	73.5	4.94	5.53	0.07	0.16	0.22	0.043	0.12	10.5	32.9	0.58	662	0.84	<0.01
ZZ81774		1.34	36.2	4.23	4.08	0.05	0.07	0.04	0.027	0.07	9.4	46.6	0.56	470	0.53	<0.01
ZZ81775		1.80	36.5	4.09	4.82	0.06	0.14	0.10	0.024	0.11	11.7	54.5	0.68	833	0.48	<0.01
ZZ81776		6.58	94.5	4.17	2.80	0.07	0.08	0.47	0.035	0.07	8.3	10.2	0.57	467	1.47	0.01
ZZ81777		5.36	136.5	3.77	4.36	0.06	0.04	0.10	0.035	0.10	10.6	13.4	0.71	2430	0.91	0.01
ZZ81778		5.80	159.0	4.36	4.65	0.07	0.05	0.17	0.034	0.10	10.7	16.4	0.89	2590	0.78	0.01
ZZ81779		6.19	128.0	5.36	6.43	0.05	0.02	0.11	0.042	0.08	7.5	17.2	0.91	2770	0.91	<0.01
ZZ81780		7.08	164.0	6.54	7.49	0.08	0.03	0.06	0.053	0.07	15.5	28.7	1.33	1840	1.02	<0.01
ZZ81781		6.38	134.5	4.81	6.25	0.08	0.05	0.09	0.040	0.07	14.0	19.4	0.96	3230	1.63	0.01
ZZ81782		16.45	275	6.47	8.69	0.09	0.07	0.12	0.050	0.07	25.1	34.7	1.68	2580	1.19	0.01
ZZ81783		9.98	129.5	5.46	6.35	0.07	0.05	0.23	0.044	0.06	19.6	25.6	0.91	1280	1.61	0.01
ZZ81784		3.16	63.6	5.21	2.05	0.07	0.11	0.31	0.036	0.08	13.9	5.5	0.21	902	2.25	<0.01
ZZ81785		7.61	35.9	2.94	3.22	<0.05	0.02	0.14	0.024	0.07	4.0	3.4	0.13	2080	1.24	0.01
ZZ81786		8.92	124.0	4.92	4.81	0.11	0.08	0.23	0.051	0.07	21.8	17.6	0.55	3790	0.86	0.01
ZZ81787		5.06	205	3.64	5.00	0.09	0.06	0.20	0.041	0.12	15.2	17.5	0.85	3230	1.35	0.01
ZZ81788		5.45	54.9	2.58	3.10	<0.05	0.04	0.12	0.035	0.09	6.8	6.9	0.34	2800	1.05	<0.01
ZZ81789		7.93	66.3	5.62	6.32	0.05	0.02	0.10	0.052	0.09	6.8	13.2	0.40	2850	1.44	<0.01
ZZ81790		4.39	139.0	3.92	6.11	0.06	0.05	0.07	0.031	0.06	12.6	22.5	1.09	1080	1.08	0.01
ZZ81791		3.43	87.6	2.51	4.13	<0.05	0.05	0.15	0.030	0.10	7.3	9.0	0.46	2940	0.95	0.01
ZZ81792		13.75	183.5	3.49	5.29	0.06	0.06	0.14	0.039	0.08	12.2	17.9	0.84	2430	1.03	0.01
ZZ81793		16.45	268	7.18	7.35	0.10	0.07	0.14	0.051	0.08	18.2	27.6	1.36	2570	1.08	<0.01
ZZ81794		6.62	135.0	2.34	2.58	0.05	0.05	0.16	0.020	0.09	9.0	6.8	0.37	3570	0.74	0.01
ZZ81795		5.09	114.5	3.52	3.81	0.07	0.04	0.13	0.032	0.12	9.6	12.1	0.61	2280	1.01	<0.01
ZZ81796		9.26	154.5	5.12	4.02	0.06	0.07	0.17	0.039	0.09	12.6	13.4	0.82	1820	1.95	<0.01
ZZ81797		9.66	141.0	4.72	4.21	0.14	0.10	0.18	0.041	0.11	12.7	15.8	0.86	1950	1.33	0.01
ZZ81798		2.03	49.6	3.97	5.61	0.12	0.07	0.07	0.030	0.09	12.8	41.8	0.70	543	0.53	<0.01
ZZ81799		1.15	25.3	4.59	3.98	0.12	0.12	0.04	0.033	0.08	13.8	39.9	0.44	953	0.58	<0.01
ZZ81800		1.18	25.8	4.23	4.44	0.10	0.09	0.03	0.032	0.09	11.0	48.3	0.57	652	0.51	<0.01
ZZ81801		3.36	47.9	3.71	4.26	0.10	0.11	0.43	0.038	0.09	8.9	20.7	0.45	488	0.93	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75125		0.23	42.0	710	17.2	8.7	<0.001	0.04	1.33	8.1	1.4	0.4	16.2	<0.01	0.14	1.5
ZZ81763		0.07	48.6	610	33.4	6.5	0.001	0.09	2.86	13.1	1.0	0.4	61.1	<0.01	0.12	1.6
ZZ81764		0.05	45.9	460	25.2	5.8	0.001	0.07	2.36	11.4	1.1	0.3	60.3	<0.01	0.07	1.3
ZZ81765		0.14	33.7	870	26.2	6.1	0.001	0.10	1.42	7.1	1.1	0.2	12.7	<0.01	0.07	0.6
ZZ81766		<0.05	77.6	420	37.9	4.7	0.004	0.08	2.19	10.3	3.9	0.4	15.3	<0.01	0.36	1.1
ZZ81767		0.05	89.2	630	45.2	5.0	0.003	0.13	2.29	13.7	3.3	0.3	17.6	<0.01	0.34	1.7
ZZ81768		0.13	68.5	700	26.2	5.3	0.001	0.04	2.30	11.9	3.0	0.3	11.6	<0.01	0.28	1.3
ZZ81769		0.16	47.5	820	30.4	7.0	0.001	0.05	1.77	12.5	1.9	0.4	13.4	<0.01	0.15	1.5
ZZ81770		0.28	22.9	1120	14.9	9.0	0.001	0.15	0.88	4.1	1.0	0.4	21.3	<0.01	0.11	0.2
ZZ81771		0.64	26.7	880	19.1	7.8	<0.001	0.05	0.87	4.5	0.7	0.6	12.0	<0.01	0.10	0.5
ZZ81772		0.42	22.2	1360	13.1	9.4	0.001	0.11	0.78	4.4	0.5	0.5	24.0	<0.01	0.06	0.9
ZZ81773		0.22	32.0	1060	18.3	13.1	0.001	0.06	1.12	8.6	1.6	0.4	20.3	<0.01	0.08	2.2
ZZ81774		0.11	34.8	460	20.1	6.9	0.001	0.02	1.13	3.9	1.1	0.2	14.9	<0.01	0.05	4.0
ZZ81775		0.11	34.0	620	22.1	6.5	0.001	0.02	1.25	4.8	0.8	0.2	27.9	<0.01	0.04	5.2
ZZ81776		0.10	32.4	680	15.1	6.8	0.003	0.12	0.89	8.2	1.9	0.2	62.0	<0.01	0.13	1.2
ZZ81777		0.23	26.5	1200	15.7	6.3	0.001	0.17	0.39	7.9	1.5	0.2	32.8	<0.01	0.07	0.3
ZZ81778		0.18	31.3	1300	15.2	5.9	0.001	0.16	0.36	11.9	0.7	0.2	35.4	<0.01	0.06	0.6
ZZ81779		0.22	27.7	1250	18.9	8.0	0.001	0.13	0.31	6.6	0.9	0.2	18.3	<0.01	0.09	0.4
ZZ81780		0.30	40.7	970	16.7	7.6	0.001	0.05	0.42	11.6	0.7	0.3	16.2	<0.01	0.14	1.0
ZZ81781		0.30	33.3	1680	22.0	7.2	<0.001	0.14	0.39	9.0	1.6	0.3	21.0	0.01	0.09	0.6
ZZ81782		0.28	37.6	1040	36.8	7.9	<0.001	0.05	0.47	21.5	1.9	0.4	14.9	<0.01	0.09	1.4
ZZ81783		0.39	44.9	910	20.4	8.5	0.001	0.04	0.81	12.6	1.4	0.4	14.9	<0.01	0.12	1.4
ZZ81784		0.08	34.4	550	36.9	5.0	<0.001	0.04	1.29	8.6	1.1	0.3	7.0	<0.01	0.13	2.4
ZZ81785		0.28	15.1	2670	17.7	6.1	0.001	0.26	0.61	2.1	0.6	0.3	13.5	<0.01	0.08	0.2
ZZ81786		0.14	44.0	2210	27.6	5.5	0.001	0.20	0.40	15.9	2.2	0.2	31.9	<0.01	0.11	0.9
ZZ81787		0.17	32.3	1640	23.3	5.6	<0.001	0.20	0.52	13.9	1.5	0.3	43.6	<0.01	0.08	0.7
ZZ81788		0.22	19.5	2620	15.5	5.6	0.001	0.26	0.40	5.8	1.0	0.2	63.6	<0.01	0.04	0.3
ZZ81789		0.29	21.4	2290	31.7	9.8	0.001	0.16	0.72	2.0	0.9	0.3	9.9	<0.01	0.10	0.2
ZZ81790		0.51	30.5	660	16.9	6.2	<0.001	0.06	0.63	8.8	1.0	0.3	18.2	<0.01	0.08	1.3
ZZ81791		0.30	15.3	2460	14.3	6.6	0.001	0.25	0.48	4.8	0.8	0.3	33.5	<0.01	0.08	0.3
ZZ81792		0.35	25.2	1900	17.7	9.6	<0.001	0.17	0.52	7.7	1.9	0.3	59.3	<0.01	0.08	0.6
ZZ81793		0.15	51.7	1000	18.3	8.7	0.001	0.09	0.41	19.2	2.4	0.3	24.7	<0.01	0.11	1.3
ZZ81794		0.17	17.9	1940	14.6	4.7	0.001	0.24	0.31	6.1	1.1	<0.2	37.5	<0.01	0.05	0.4
ZZ81795		0.23	26.6	1330	17.1	6.1	0.001	0.17	0.54	6.8	1.1	0.2	29.1	<0.01	0.08	0.6
ZZ81796		0.17	42.9	970	23.3	5.8	0.001	0.11	0.98	11.7	1.2	0.3	28.8	<0.01	0.11	1.4
ZZ81797		0.22	34.7	1160	20.5	6.3	<0.001	0.14	0.75	9.6	1.6	0.2	25.5	0.01	0.10	1.2
ZZ81798		0.28	28.0	850	14.6	9.4	<0.001	0.04	0.75	3.4	0.7	0.3	10.4	<0.01	0.07	1.4
ZZ81799		0.21	23.2	600	24.1	7.4	<0.001	0.03	1.13	3.2	0.8	0.2	7.4	0.01	0.07	3.5
ZZ81800		0.31	27.7	600	21.8	8.2	<0.001	0.02	1.00	2.8	0.6	0.2	8.8	<0.01	0.05	3.4
ZZ81801		0.38	24.3	2050	12.5	12.3	0.001	0.19	0.85	3.9	2.4	0.4	39.8	0.01	0.06	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ75125		0.005	0.41	0.43	41	0.14	8.82	83	2.1
ZZ81763		<0.005	0.45	0.58	20	<0.05	13.65	102	2.4
ZZ81764		<0.005	0.29	0.41	16	0.05	13.15	100	1.2
ZZ81765		0.005	0.37	0.41	24	0.13	6.78	87	0.5
ZZ81766		<0.005	1.45	0.23	25	<0.05	10.90	119	1.7
ZZ81767		<0.005	0.70	0.35	26	<0.05	11.15	132	2.4
ZZ81768		<0.005	0.48	0.36	29	0.05	12.70	117	2.3
ZZ81769		<0.005	0.34	0.42	35	0.05	18.40	103	2.2
ZZ81770		0.009	0.26	0.34	35	0.07	8.00	65	0.5
ZZ81771		0.022	0.17	0.37	74	0.16	4.31	69	<0.5
ZZ81772		0.008	0.22	0.49	45	0.12	4.13	58	2.1
ZZ81773		<0.005	0.30	0.83	42	0.07	16.85	82	4.2
ZZ81774		<0.005	0.08	0.69	19	<0.05	7.05	77	2.3
ZZ81775		<0.005	0.08	0.66	21	0.05	10.40	97	5.1
ZZ81776		<0.005	0.42	0.70	36	0.07	9.22	76	2.0
ZZ81777		0.009	0.12	0.23	51	0.05	13.70	76	0.6
ZZ81778		0.009	0.12	0.20	58	0.06	15.80	85	0.8
ZZ81779		0.008	0.11	0.24	74	<0.05	7.22	56	<0.5
ZZ81780		0.012	0.10	0.33	87	0.07	13.80	82	0.7
ZZ81781		0.014	0.12	0.32	62	0.08	24.6	70	1.1
ZZ81782		0.015	0.14	0.42	83	0.13	34.8	84	1.6
ZZ81783		0.018	0.17	0.53	70	0.12	21.7	88	1.2
ZZ81784		<0.005	0.34	0.42	21	<0.05	16.50	86	3.2
ZZ81785		0.009	0.34	0.37	37	0.09	3.10	70	0.5
ZZ81786		0.005	0.34	0.36	58	0.05	46.5	66	1.3
ZZ81787		0.008	0.26	0.22	51	0.05	27.0	66	1.2
ZZ81788		0.009	0.18	0.22	36	<0.05	10.30	40	0.9
ZZ81789		0.010	0.10	0.38	63	0.09	4.72	80	<0.5
ZZ81790		0.025	0.10	0.45	58	0.12	13.00	74	1.3
ZZ81791		0.014	0.11	0.28	37	0.10	10.90	57	1.0
ZZ81792		0.014	0.16	0.39	47	0.08	22.1	69	1.4
ZZ81793		0.007	0.15	0.23	84	0.05	27.5	90	1.4
ZZ81794		0.008	0.11	0.20	25	<0.05	14.80	37	1.0
ZZ81795		0.008	0.21	0.25	39	0.06	14.20	75	1.1
ZZ81796		0.007	0.43	0.35	52	0.07	14.80	91	2.0
ZZ81797		0.007	0.45	0.33	52	0.08	18.55	84	2.1
ZZ81798		0.006	0.12	0.90	39	0.09	10.20	73	1.5
ZZ81799		<0.005	0.11	0.82	20	0.06	10.90	68	2.9
ZZ81800		0.006	0.09	0.73	22	0.06	6.59	78	2.5
ZZ81801		0.010	0.19	2.51	32	0.14	15.20	96	2.4

***** See Appendix Page for comments regarding this certificate *****

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81802		0.28	0.008	0.05	1.63	10.7	<0.2	<10	80	0.43	0.24	0.05	0.09	22.5	8.9	22

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Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81802		1.37	19.7	3.12	5.10	0.09	0.04	0.03	0.022	0.07	10.3	35.4	0.44	315	0.71	<0.01

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Finalized Date: 10- SEP- 2013
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CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81802		0.42	20.6	560	13.8	7.8	<0.001	0.02	0.85	1.4	0.5	0.4	7.9	<0.01	0.04	1.0

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Finalized Date: 10-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152706

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ81802		0.012	0.11	0.58	30	0.12	3.72	67	1.0

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VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 10-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13152706

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2013
Account: RCM

CERTIFICATE WH13155646

Project: Nadaleen

P.O. No.: SO13- 14

This report is for 249 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27- AUG- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description / Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD026251	0.25	0.002	0.16	1.36	22.4	<0.2	<10	640	0.94	0.25	0.47	0.47	28.4	13.0	21
DD026252	0.22	0.002	0.42	0.94	15.8	<0.2	<10	800	0.70	0.21	1.58	0.80	14.45	7.1	23
DD026253	0.11	0.008	0.85	0.44	12.4	<0.2	<10	850	0.43	0.20	1.01	0.68	10.05	7.7	14
DD026254	0.19	0.007	1.15	0.21	10.8	<0.2	<10	580	0.33	0.19	0.66	0.63	7.08	5.5	14
DD026255	0.23	0.006	1.65	0.38	21.8	<0.2	<10	1750	0.48	0.20	1.04	1.13	7.66	5.3	28
DD026256	0.31	0.004	1.69	0.49	15.8	<0.2	<10	1230	0.47	0.18	0.61	0.38	6.40	4.0	29
DD026257	0.17	0.004	1.01	0.38	19.3	<0.2	<10	860	0.45	0.20	0.52	0.22	5.06	2.7	21
DD026258	0.19	0.005	1.50	0.50	19.3	<0.2	<10	1410	0.56	0.19	0.80	0.65	5.41	3.2	26
DD026259	0.13	0.003	0.72	0.61	20.2	<0.2	<10	1210	0.51	0.20	0.58	0.39	6.37	5.6	26
DD026260	0.20	0.005	1.90	0.35	15.8	<0.2	<10	940	0.51	0.19	0.78	0.69	6.58	4.3	26
DD026261	0.23	0.005	1.59	0.48	15.7	<0.2	<10	1270	0.55	0.20	0.64	0.49	6.92	3.2	26
DD026262	0.28	0.005	1.85	0.59	25.5	<0.2	<10	2390	0.64	0.22	0.78	1.02	7.12	6.9	28
DD026263	0.19	0.002	0.08	0.85	11.9	<0.2	<10	510	0.18	0.34	0.05	0.12	26.1	3.2	17
DD026264	0.19	0.002	0.89	0.82	14.3	<0.2	<10	1360	0.31	0.25	0.02	0.37	14.05	4.6	26
DD026265	0.26	0.006	5.19	0.96	26.4	<0.2	<10	5740	0.79	0.21	0.61	5.07	15.60	4.8	78
DD026266	0.24	0.005	7.60	0.49	22.2	<0.2	10	>10000	0.60	0.12	2.59	4.96	14.55	3.2	99
DD026267	0.27	0.010	0.74	0.48	3.4	<0.2	<10	2040	0.36	0.16	0.07	1.01	13.90	2.1	7
DD026268	0.19	0.004	3.98	0.76	8.4	<0.2	<10	1780	0.62	0.28	0.60	1.08	11.35	1.1	35
DD026269	0.20	0.004	0.92	0.96	8.6	<0.2	<10	540	0.52	0.26	0.03	2.07	18.00	2.9	15
DD026270	0.21	0.002	0.48	1.51	14.0	<0.2	<10	270	0.57	0.28	0.03	0.46	13.15	9.0	23
DD026271	0.34	0.001	0.48	1.21	13.2	<0.2	<10	190	0.34	0.28	0.03	0.47	14.25	6.5	20
DD026272	0.18	0.008	0.89	1.31	6.7	<0.2	<10	200	0.39	0.27	0.05	0.41	18.80	3.4	21
DD026273	0.24	0.006	1.33	0.96	3.5	<0.2	<10	380	0.38	0.27	0.20	1.05	31.7	3.0	18
DD026274	0.08	0.005	1.77	0.85	2.5	<0.2	<10	300	0.36	0.24	0.17	1.42	19.70	1.4	15
DD026275	0.09	0.005	0.97	0.41	2.2	<0.2	<10	180	0.15	0.14	0.13	0.72	12.05	0.8	9
DD026276	0.15	0.001	0.32	0.43	9.0	<0.2	<10	370	0.13	0.22	0.01	0.16	18.85	1.0	24
DD026277	0.15	0.004	0.50	0.97	10.8	<0.2	<10	300	1.00	0.19	1.23	4.57	24.1	11.9	18
DD026278	0.24	0.001	0.51	0.95	9.3	<0.2	<10	240	0.83	0.17	1.06	2.47	18.75	9.0	18
DD026279	0.14	0.002	0.38	0.99	7.2	<0.2	<10	210	1.00	0.18	1.88	2.15	22.6	10.4	17
DD026280	0.23	<0.001	0.11	1.22	5.5	<0.2	<10	120	0.89	0.27	0.08	0.20	9.41	11.6	23
DD026281	0.18	0.001	0.09	1.63	9.4	<0.2	<10	530	1.69	0.34	0.51	0.12	19.20	12.0	25
DD026282	0.25	<0.001	0.02	0.94	6.5	<0.2	<10	170	1.23	0.41	0.26	0.03	5.82	18.4	26
DD026283	0.26	0.001	0.23	1.17	6.9	<0.2	<10	340	1.15	0.28	0.98	0.85	14.85	12.6	21
DD026284	0.18	0.006	1.37	0.54	17.6	<0.2	<10	1880	0.55	0.18	0.47	0.94	7.47	6.7	21
DD026285	0.20	0.006	1.58	0.68	26.8	<0.2	<10	2580	0.78	0.21	0.55	3.82	12.55	8.6	24
DD026286	0.18	0.005	0.82	0.48	17.2	<0.2	<10	1900	0.37	0.15	0.81	0.77	6.30	3.1	19
DD026287	0.11	0.004	1.12	0.48	11.8	<0.2	<10	1890	0.40	0.15	0.99	0.85	6.56	2.8	19
DD026288	0.20	0.003	1.67	0.59	24.8	<0.2	<10	2310	0.59	0.19	0.56	1.65	9.47	10.0	25
DD026289	0.28	0.001	0.08	2.41	15.0	<0.2	<10	250	1.24	0.26	0.97	0.70	34.5	17.5	32
DD026290	0.30	0.002	0.30	1.67	15.4	<0.2	<10	230	1.23	0.28	3.42	2.60	26.5	15.6	22

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD026251		1.36	28.3	3.62	3.65	<0.05	0.04	0.06	0.041	0.07	7.1	24.0	0.27	715	2.84	0.01
DD026252		0.68	26.4	2.44	2.71	0.06	0.03	0.14	0.031	0.06	15.4	10.6	0.22	401	1.68	0.01
DD026253		0.80	40.0	2.24	1.18	<0.05	0.03	0.18	0.034	0.06	8.5	3.6	0.08	186	3.21	0.01
DD026254		0.87	53.2	2.01	0.65	0.05	0.03	0.12	0.032	0.07	3.6	1.1	0.03	98	3.40	0.01
DD026255		1.10	53.0	2.25	1.08	0.06	0.06	0.16	0.034	0.10	4.6	1.1	0.04	117	4.64	<0.01
DD026256		0.53	45.3	1.87	1.39	<0.05	0.02	0.17	0.030	0.06	3.5	2.8	0.05	94	3.48	0.01
DD026257		0.48	38.5	1.98	1.22	<0.05	0.02	0.12	0.032	0.09	2.5	2.1	0.04	54	3.39	0.01
DD026258		0.65	43.2	2.00	1.33	0.05	0.05	0.17	0.037	0.06	2.7	2.4	0.06	82	3.47	<0.01
DD026259		0.54	32.9	2.29	1.78	<0.05	0.02	0.12	0.029	0.07	3.2	3.9	0.06	122	4.65	0.01
DD026260		0.63	59.2	1.95	0.99	0.05	0.04	0.20	0.032	0.07	3.8	1.7	0.04	67	3.42	0.01
DD026261		0.79	51.2	1.69	1.36	0.05	0.04	0.20	0.030	0.07	3.9	2.5	0.04	41	3.27	0.01
DD026262		0.51	64.9	2.52	1.61	0.05	0.03	0.19	0.036	0.07	3.9	4.7	0.05	104	6.85	0.01
DD026263		1.27	8.2	1.94	7.51	<0.05	<0.02	0.04	0.015	0.06	13.1	5.6	0.16	124	2.55	0.01
DD026264		0.71	22.9	2.30	3.58	<0.05	<0.02	0.04	0.029	0.10	6.8	5.1	0.11	202	9.79	0.01
DD026265		0.58	70.9	2.30	2.77	0.08	0.05	0.28	0.039	0.10	14.6	8.3	0.09	97	14.95	0.01
DD026266		0.36	64.7	1.46	1.62	0.09	0.02	0.18	0.024	0.05	15.5	3.3	0.09	83	13.25	<0.01
DD026267		0.40	30.0	0.57	0.81	<0.05	0.03	0.04	0.018	0.06	7.9	1.8	0.02	39	13.90	0.01
DD026268		0.46	41.4	1.38	2.40	0.06	<0.02	0.08	0.031	0.12	8.2	3.1	0.04	24	6.65	0.02
DD026269		1.41	70.8	1.94	3.71	<0.05	<0.02	0.12	0.034	0.10	8.5	2.2	0.07	62	3.63	0.01
DD026270		1.38	30.7	3.30	4.68	<0.05	0.03	0.05	0.038	0.08	6.0	23.5	0.27	246	3.90	0.01
DD026271		1.38	30.2	2.90	4.75	<0.05	<0.02	0.06	0.030	0.09	6.7	13.1	0.19	192	3.57	0.01
DD026272		2.07	27.6	1.67	4.62	<0.05	0.02	0.17	0.025	0.08	9.0	8.9	0.14	102	2.55	0.01
DD026273		1.71	54.3	0.93	3.38	0.07	<0.02	0.28	0.032	0.08	12.4	22.3	0.24	53	1.07	0.01
DD026274		1.76	35.6	0.72	2.67	0.05	<0.02	0.47	0.028	0.08	8.3	6.5	0.14	28	0.68	0.01
DD026275		1.06	29.8	0.79	1.80	<0.05	<0.02	0.36	0.018	0.05	5.6	1.7	0.06	14	1.17	0.01
DD026276		1.01	19.5	0.60	4.26	<0.05	<0.02	0.02	0.012	0.05	11.5	1.3	0.03	21	15.05	0.01
DD026277		0.93	41.8	2.73	2.91	0.05	0.05	0.09	0.038	0.15	11.1	10.8	0.19	326	8.52	0.01
DD026278		0.83	30.0	2.37	2.90	<0.05	0.05	0.12	0.030	0.12	8.9	10.5	0.18	309	6.36	0.01
DD026279		0.75	29.4	2.13	2.94	<0.05	0.05	0.10	0.030	0.12	9.8	14.2	0.25	426	2.87	0.01
DD026280		4.37	17.0	2.44	4.01	<0.05	0.03	0.08	0.023	0.12	4.2	12.9	0.21	427	2.36	0.01
DD026281		4.79	61.2	2.39	5.32	<0.05	0.05	0.05	0.031	0.08	10.0	30.6	0.38	1090	2.52	0.01
DD026282		3.65	16.3	3.48	3.40	<0.05	0.03	0.02	0.027	0.11	2.5	16.0	0.32	1130	1.10	0.01
DD026283		1.61	37.0	2.53	3.61	<0.05	0.06	0.07	0.030	0.11	6.7	18.0	0.31	1060	3.23	0.01
DD026284		0.81	48.6	2.26	1.65	<0.05	0.04	0.18	0.032	0.09	4.2	4.0	0.08	336	7.07	<0.01
DD026285		0.92	83.6	3.19	2.00	0.08	0.05	0.22	0.038	0.09	6.7	6.3	0.12	65	7.39	<0.01
DD026286		0.63	32.6	2.28	1.52	<0.05	0.04	0.14	0.026	0.06	3.4	3.2	0.07	132	6.69	<0.01
DD026287		0.65	39.5	1.37	1.57	<0.05	0.04	0.17	0.027	0.06	3.7	3.6	0.08	101	3.44	<0.01
DD026288		0.76	71.5	3.51	1.75	0.06	0.04	0.24	0.036	0.09	5.5	4.4	0.08	414	9.42	<0.01
DD026289		1.20	23.7	4.03	6.26	<0.05	0.08	0.10	0.036	0.06	14.9	27.1	0.97	761	1.20	0.01
DD026290		0.91	44.6	4.59	4.82	0.05	0.08	0.25	0.033	0.09	12.4	28.2	2.35	1520	0.73	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD026251		0.22	40.8	730	25.5	12.1	0.001	0.03	0.87	3.3	1.6	0.4	27.1	<0.01	0.06	2.6
DD026252		0.23	31.4	910	15.1	8.8	0.001	0.08	0.67	2.4	1.7	0.3	35.0	<0.01	0.06	0.6
DD026253		0.09	55.8	860	12.7	5.6	0.003	0.09	1.32	3.0	2.6	0.3	44.7	<0.01	0.11	0.7
DD026254		<0.05	60.8	910	10.9	5.6	0.011	0.16	1.58	5.1	4.2	0.3	73.8	<0.01	0.11	1.5
DD026255		0.05	87.2	2430	12.1	7.4	0.008	0.04	2.34	5.6	5.6	0.3	153.5	<0.01	0.20	4.1
DD026256		0.07	49.0	910	8.5	6.5	0.002	0.04	1.11	3.9	3.5	0.3	54.3	<0.01	0.12	1.6
DD026257		0.06	43.4	980	10.7	7.0	0.007	0.20	1.15	2.9	7.1	0.3	106.0	<0.01	0.19	1.2
DD026258		0.08	58.8	1290	10.8	7.6	0.007	0.07	1.17	4.8	6.1	0.3	112.5	<0.01	0.19	1.5
DD026259		0.08	29.3	980	11.6	7.0	0.004	0.03	1.05	3.0	4.6	0.3	65.5	<0.01	0.17	1.7
DD026260		0.05	74.1	1410	9.6	6.4	0.008	0.07	1.39	4.9	5.4	0.3	102.5	<0.01	0.15	1.6
DD026261		0.08	51.7	1160	9.8	8.3	0.009	0.05	1.18	4.9	6.2	0.3	85.2	<0.01	0.12	1.8
DD026262		0.13	92.1	1560	12.5	6.4	0.006	0.07	1.79	6.1	7.6	0.4	204	<0.01	0.09	1.6
DD026263		1.56	10.9	310	13.1	12.5	<0.001	0.01	0.90	1.5	0.8	0.9	13.6	<0.01	0.04	2.3
DD026264		0.34	23.1	510	15.4	11.3	0.001	0.20	1.34	1.9	3.9	0.5	64.9	<0.01	0.07	1.9
DD026265		0.14	103.5	2340	11.6	10.0	0.004	0.07	3.44	6.1	7.6	0.6	152.0	<0.01	0.13	2.7
DD026266		0.07	131.5	3110	6.7	5.5	0.007	0.02	3.19	3.4	6.0	0.4	586	<0.01	0.09	0.9
DD026267		0.08	12.2	440	9.7	6.1	0.004	0.12	1.54	1.6	1.9	0.2	39.7	<0.01	0.04	1.6
DD026268		0.14	18.5	4820	16.7	11.3	0.009	0.17	1.80	1.9	8.6	0.6	111.5	<0.01	0.11	1.4
DD026269		0.49	20.3	1240	12.9	12.7	0.001	0.10	1.51	0.9	2.0	0.6	25.3	<0.01	0.07	0.2
DD026270		0.46	27.5	340	17.4	16.3	0.001	0.02	1.48	2.7	1.7	0.5	11.3	<0.01	0.07	2.7
DD026271		0.37	21.5	540	15.9	14.9	<0.001	0.01	1.83	2.2	1.2	0.5	8.8	<0.01	0.09	2.2
DD026272		0.59	12.9	810	13.6	14.6	<0.001	0.03	0.75	1.6	1.7	0.6	11.2	<0.01	0.05	1.4
DD026273		0.55	19.6	590	11.8	12.6	0.001	0.07	0.57	3.4	4.3	0.5	28.2	<0.01	0.03	1.9
DD026274		0.37	16.7	1010	13.2	13.2	<0.001	0.08	0.51	2.1	3.5	0.5	21.6	<0.01	0.03	1.1
DD026275		0.32	9.9	710	5.1	7.3	0.001	0.08	0.85	1.9	3.6	0.4	16.4	<0.01	0.04	0.8
DD026276		0.35	14.2	390	8.0	7.9	0.001	0.02	3.68	0.6	1.7	0.7	24.1	<0.01	0.10	0.5
DD026277		0.30	62.4	1790	14.4	11.3	0.005	0.03	3.02	4.3	2.3	0.5	51.2	<0.01	0.04	3.5
DD026278		0.33	31.7	1170	13.6	11.2	0.003	0.06	2.02	3.7	1.8	0.4	40.2	<0.01	0.04	2.2
DD026279		0.38	36.9	640	13.2	10.1	0.003	0.07	1.75	3.3	2.2	0.4	57.2	<0.01	0.04	1.6
DD026280		0.94	16.3	450	64.9	13.7	<0.001	0.04	0.43	2.5	0.3	0.6	5.3	<0.01	0.03	2.5
DD026281		0.79	22.5	780	19.7	14.4	<0.001	0.04	0.48	3.1	1.2	0.6	24.1	<0.01	0.04	2.0
DD026282		0.88	22.4	240	25.2	12.5	<0.001	0.01	0.63	4.1	0.4	0.9	11.6	<0.01	0.04	6.5
DD026283		0.60	30.5	550	20.5	11.8	0.001	0.05	1.28	3.8	1.4	0.6	33.7	<0.01	0.04	2.2
DD026284		0.11	38.6	1110	11.4	8.3	0.010	0.08	1.75	4.0	5.4	0.4	84.5	<0.01	0.10	1.9
DD026285		0.23	86.9	1360	14.7	9.0	0.011	0.10	3.20	5.8	12.5	0.4	102.0	<0.01	0.11	3.2
DD026286		0.13	39.3	1190	9.5	6.3	0.013	0.09	1.44	2.7	5.0	0.3	89.6	<0.01	0.10	1.7
DD026287		0.14	48.9	1160	9.8	6.9	0.016	0.10	1.45	3.0	5.7	0.3	102.0	<0.01	0.09	1.0
DD026288		0.13	74.3	1400	12.5	7.5	0.013	0.10	2.57	5.3	8.9	0.4	114.0	<0.01	0.13	2.1
DD026289		0.69	31.8	240	30.0	11.2	<0.001	0.01	0.50	6.6	0.6	0.6	13.4	<0.01	0.05	5.3
DD026290		0.24	35.5	630	64.4	10.5	<0.001	0.02	0.31	8.5	0.8	0.5	27.7	<0.01	0.05	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD026251		<0.005	0.23	1.33	41	0.06	8.39	123	1.3
DD026252		0.005	0.14	1.32	40	0.06	26.4	153	1.0
DD026253		<0.005	0.19	2.47	29	<0.05	22.1	173	1.0
DD026254		<0.005	0.16	4.02	31	<0.05	21.8	196	1.5
DD026255		<0.005	0.15	2.93	77	<0.05	25.7	221	4.6
DD026256		<0.005	0.11	2.36	54	<0.05	16.55	160	1.0
DD026257		<0.005	0.13	2.34	43	<0.05	12.15	136	0.8
DD026258		<0.005	0.11	2.29	56	<0.05	17.90	168	2.2
DD026259		<0.005	0.09	2.01	62	<0.05	13.90	127	0.9
DD026260		<0.005	0.12	2.72	46	<0.05	24.9	185	1.7
DD026261		<0.005	0.13	3.93	51	<0.05	21.8	155	1.6
DD026262		<0.005	0.13	3.70	56	0.06	30.2	268	1.8
DD026263		0.052	0.21	0.56	81	0.30	2.24	45	<0.5
DD026264		0.007	0.34	0.92	72	0.12	3.79	91	<0.5
DD026265		<0.005	0.61	6.34	135	0.17	33.6	302	2.5
DD026266		<0.005	0.33	6.94	135	0.25	42.0	333	0.8
DD026267		<0.005	1.36	2.21	43	0.19	7.27	37	1.0
DD026268		<0.005	0.37	3.95	74	0.14	10.40	66	0.6
DD026269		0.012	0.24	2.20	62	0.14	8.48	78	<0.5
DD026270		0.006	0.30	0.64	88	0.12	3.60	133	1.3
DD026271		0.007	0.24	0.47	84	0.08	2.22	142	0.5
DD026272		0.010	0.56	1.22	70	0.13	4.06	70	0.5
DD026273		0.012	0.52	2.20	34	0.15	19.20	72	<0.5
DD026274		0.007	0.79	1.85	32	0.07	10.45	36	<0.5
DD026275		0.008	0.57	1.36	14	0.06	7.22	17	<0.5
DD026276		0.013	1.14	2.07	199	0.25	3.27	52	<0.5
DD026277		<0.005	0.20	2.77	135	0.06	15.00	528	2.6
DD026278		<0.005	0.18	2.44	120	0.05	10.70	242	2.1
DD026279		<0.005	0.15	2.54	91	0.06	11.35	220	2.1
DD026280		0.010	0.12	0.72	40	0.14	3.00	65	1.0
DD026281		0.016	0.13	1.58	38	0.21	11.95	66	1.4
DD026282		0.017	0.07	0.97	23	0.39	6.11	50	1.0
DD026283		0.007	0.14	1.94	49	0.17	10.55	128	2.0
DD026284		<0.005	0.21	2.81	62	0.06	14.85	180	1.5
DD026285		<0.005	0.36	3.46	79	0.10	25.6	387	2.9
DD026286		<0.005	0.17	2.71	62	0.05	12.10	137	1.3
DD026287		<0.005	0.19	5.35	57	0.07	13.45	152	1.6
DD026288		<0.005	0.23	4.90	73	0.07	25.8	279	1.6
DD026289		0.012	0.19	1.03	54	0.14	10.45	408	3.0
DD026290		<0.005	0.32	1.37	35	<0.05	14.20	959	2.6

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD026291	0.16	0.003	0.55	1.18	18.5	<0.2	<10	850	0.98	0.17	1.41	0.45	30.4	7.7	26
DD026292	0.10	0.002	0.55	0.69	16.7	<0.2	<10	940	0.55	0.13	2.24	0.69	15.90	5.9	21
DD026293	0.09	0.001	0.38	0.90	16.9	<0.2	<10	700	0.53	0.17	1.99	0.80	17.30	7.1	22
DD026294	0.12	0.005	0.84	0.82	24.4	<0.2	<10	840	0.64	0.19	2.17	0.82	13.10	7.8	23
DD026295	0.13	0.004	0.75	0.71	19.5	<0.2	<10	810	0.59	0.18	1.90	0.62	11.95	6.1	20
DD026296	0.22	0.004	1.08	0.81	16.2	<0.2	<10	1140	0.62	0.19	1.18	0.47	11.45	6.9	28
DD026297	0.07	0.003	1.06	0.78	12.9	<0.2	<10	1160	0.59	0.16	1.80	0.54	9.47	5.9	25
DD026298	0.12	0.007	1.02	0.57	16.6	<0.2	<10	1060	0.44	0.16	1.20	0.55	7.10	5.1	25
DD026299	0.18	0.006	1.22	0.74	13.6	<0.2	<10	1170	0.60	0.17	1.38	0.55	9.08	5.6	26
DD026300	0.11	0.004	1.43	0.75	14.5	<0.2	<10	1170	0.55	0.17	1.34	0.51	8.84	5.3	28
DD026301	0.26	0.007	1.13	0.51	14.2	<0.2	<10	2260	0.52	0.19	0.45	0.84	7.33	6.2	22
DD026302	0.11	0.004	1.35	0.56	11.6	<0.2	<10	2170	0.45	0.18	0.91	0.55	6.97	5.4	20
DD026303	0.19	0.004	0.74	0.55	13.0	<0.2	<10	2240	0.52	0.19	0.48	0.37	6.64	3.0	19
DD026304	0.14	0.003	0.66	0.67	16.7	<0.2	<10	2300	0.49	0.19	0.34	0.29	8.28	5.7	20
DD026305	0.10	0.006	1.60	0.48	19.8	<0.2	<10	1430	0.43	0.15	1.42	0.50	6.64	5.0	22
DD026306	0.23	0.018	1.72	0.42	20.7	<0.2	<10	2480	0.52	0.16	0.64	0.94	6.37	6.6	28
DD026307	0.15	0.002	0.77	0.63	20.1	<0.2	<10	930	0.27	0.24	0.05	0.27	8.27	3.7	27
DD026308	0.20	0.004	6.16	0.77	19.1	<0.2	<10	3220	0.57	0.18	0.43	1.20	12.05	2.1	50
DD026309	0.22	0.003	0.91	0.60	18.6	<0.2	<10	2660	0.43	0.19	0.29	1.57	13.75	10.2	17
DD026310	0.13	0.006	2.06	0.93	9.9	<0.2	<10	440	0.51	0.18	0.19	0.93	14.10	6.2	18
DD026311	0.10	<0.001	0.64	0.74	9.4	<0.2	<10	250	0.27	0.23	0.02	0.67	13.15	4.5	14
DD026312	0.14	0.002	0.36	1.08	15.8	<0.2	<10	180	0.46	0.26	0.04	0.70	13.60	8.5	24
DD026313	0.11	0.001	0.21	1.29	18.0	<0.2	<10	200	0.58	0.29	0.02	0.92	12.00	8.8	25
DD026314	0.18	0.005	1.61	1.17	8.4	<0.2	<10	230	0.46	0.27	0.06	0.67	18.25	6.5	21
DD026315	0.20	0.007	2.38	0.85	7.0	<0.2	<10	220	0.30	0.29	0.11	0.31	16.95	4.9	20
DD026316	0.11	0.014	1.46	0.45	4.6	<0.2	<10	100	0.18	0.25	0.03	0.24	8.48	2.1	16
DD026317	0.13	0.004	2.43	0.53	2.6	<0.2	<10	270	0.21	0.15	0.21	0.51	14.80	0.8	12
DD026318	0.30	0.004	0.80	0.47	6.6	<0.2	<10	160	0.19	0.27	0.07	0.26	12.70	2.1	13
DD026319	0.03	0.010	0.46	0.25	0.6	<0.2	<10	120	0.18	0.11	0.27	0.60	8.06	1.0	8
DD026320	0.23	0.006	1.67	0.49	27.6	<0.2	<10	470	1.12	0.18	3.98	20.2	30.9	8.7	39
DD026321	0.27	0.002	0.05	1.42	9.0	<0.2	<10	270	0.96	0.26	0.77	2.01	19.95	12.2	22
DD026322	0.11	0.005	0.30	1.47	4.5	<0.2	<10	310	2.76	0.24	1.33	1.46	33.0	20.9	23
DD026323	0.17	0.001	0.08	0.39	6.2	<0.2	<10	50	0.14	0.23	0.01	0.07	24.2	3.3	12
DD026324	0.10	0.002	0.03	1.36	8.9	<0.2	<10	70	0.50	0.29	0.03	0.07	24.5	9.4	20
DD026325	0.15	0.003	0.20	1.53	6.9	<0.2	<10	320	1.02	0.29	0.91	0.21	26.6	12.6	22
DD026326	0.09	0.001	0.16	1.08	4.0	<0.2	<10	200	0.90	0.27	1.50	0.30	25.6	10.2	16
DD026327	0.08	0.008	0.27	1.15	6.6	<0.2	<10	440	1.24	0.29	1.63	0.35	21.5	9.9	19
DD026328	0.18	0.003	0.17	1.80	17.5	<0.2	<10	490	1.26	0.40	0.26	0.46	34.1	25.6	29
DD026329	0.20	0.003	0.21	1.74	15.0	<0.2	<10	900	1.58	0.40	0.74	0.36	16.30	14.3	28
DD026330	0.25	0.004	0.10	1.44	12.7	<0.2	<10	490	1.74	0.43	0.38	0.12	15.55	15.3	27

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Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD026291		0.87	23.2	2.75	2.44	0.06	0.04	1.22	0.033	0.04	21.0	9.2	0.19	302	2.29	0.01
DD026292		1.02	24.5	1.74	1.96	0.05	0.03	0.18	0.023	0.04	15.4	5.8	0.13	384	1.17	0.01
DD026293		0.75	22.8	2.09	2.68	0.06	0.03	0.13	0.025	0.05	20.1	9.4	0.22	332	1.29	0.01
DD026294		1.80	40.6	2.17	2.38	0.05	0.04	0.25	0.028	0.07	13.6	7.7	0.17	217	1.91	0.01
DD026295		1.23	40.1	1.93	2.04	0.05	0.04	0.19	0.029	0.05	12.1	6.1	0.13	198	1.88	0.01
DD026296		0.68	41.7	2.18	2.42	<0.05	0.03	0.16	0.030	0.06	6.7	8.1	0.19	208	2.12	0.01
DD026297		0.57	41.2	1.81	2.28	<0.05	0.04	0.17	0.026	0.05	5.3	7.3	0.17	166	1.27	0.01
DD026298		0.52	36.0	1.94	1.72	<0.05	0.04	0.12	0.025	0.06	4.0	4.6	0.10	159	2.76	0.01
DD026299		0.58	43.0	1.72	2.12	<0.05	0.05	0.18	0.027	0.07	5.7	6.1	0.13	199	1.88	0.01
DD026300		0.63	38.1	1.89	2.21	<0.05	0.05	0.18	0.028	0.06	5.6	6.3	0.13	200	2.46	0.01
DD026301		0.69	59.2	2.34	1.47	0.05	0.07	0.19	0.034	0.07	4.3	4.3	0.07	107	6.35	<0.01
DD026302		0.66	54.6	2.19	1.60	0.05	0.03	0.23	0.029	0.07	4.0	3.8	0.06	169	4.53	<0.01
DD026303		0.71	49.8	2.37	1.60	<0.05	0.04	0.18	0.034	0.07	3.5	4.0	0.06	54	4.52	<0.01
DD026304		0.71	36.1	2.43	2.07	<0.05	0.02	0.18	0.030	0.08	4.6	5.7	0.09	151	5.95	<0.01
DD026305		0.57	43.2	2.54	1.33	0.05	0.04	0.18	0.025	0.07	3.7	3.8	0.09	169	3.55	0.01
DD026306		0.90	47.9	2.77	1.16	0.06	0.04	0.14	0.031	0.08	3.6	2.1	0.04	195	5.54	<0.01
DD026307		0.61	36.4	2.88	2.97	<0.05	0.02	0.06	0.037	0.10	4.4	4.1	0.07	79	10.90	0.01
DD026308		0.63	129.5	1.66	2.38	0.06	0.02	0.33	0.029	0.07	9.0	4.7	0.06	30	11.10	<0.01
DD026309		0.59	41.3	2.08	2.15	<0.05	0.02	0.13	0.025	0.08	7.2	7.0	0.15	305	9.52	0.01
DD026310		1.07	83.8	2.27	3.06	<0.05	<0.02	0.18	0.035	0.09	6.1	13.2	0.16	119	5.26	0.01
DD026311		0.96	30.9	1.66	4.32	<0.05	<0.02	0.04	0.017	0.08	6.9	2.4	0.05	119	5.14	0.01
DD026312		0.98	33.7	3.09	4.14	<0.05	0.02	0.04	0.032	0.10	6.9	13.3	0.23	264	10.65	0.01
DD026313		0.87	36.8	3.36	4.07	<0.05	0.02	0.03	0.038	0.08	5.9	20.6	0.19	243	11.75	<0.01
DD026314		1.86	50.9	2.20	3.64	<0.05	0.02	0.33	0.038	0.10	9.2	19.9	0.19	141	4.36	<0.01
DD026315		1.62	34.1	1.81	3.22	0.05	0.02	0.47	0.031	0.10	8.2	11.9	0.22	118	3.32	<0.01
DD026316		1.40	23.2	1.10	2.17	<0.05	<0.02	0.30	0.020	0.09	4.0	1.7	0.04	34	3.16	<0.01
DD026317		1.51	23.8	0.81	2.38	<0.05	<0.02	0.36	0.014	0.07	6.2	2.4	0.09	20	1.15	<0.01
DD026318		1.18	21.2	1.56	2.32	<0.05	<0.02	0.31	0.021	0.07	6.0	3.1	0.09	33	3.75	0.01
DD026319		0.36	29.5	0.22	0.75	<0.05	<0.02	0.23	0.016	0.02	3.4	0.5	0.05	21	0.88	0.01
DD026320		0.50	110.5	2.00	2.13	0.09	0.09	0.34	0.029	0.11	20.6	5.4	1.75	195	48.7	<0.01
DD026321		0.91	25.4	3.37	3.82	<0.05	0.05	0.03	0.040	0.12	8.3	32.2	0.29	435	2.83	<0.01
DD026322		1.10	32.8	1.84	3.70	0.06	0.06	0.12	0.028	0.11	15.7	20.6	0.39	305	0.48	0.01
DD026323		1.12	12.6	1.20	2.91	<0.05	<0.02	0.03	0.012	0.07	11.3	1.3	0.03	66	1.85	<0.01
DD026324		2.56	19.4	3.43	5.17	<0.05	0.07	0.03	0.027	0.09	12.3	20.7	0.34	174	1.37	<0.01
DD026325		2.43	27.0	2.87	4.51	0.06	0.07	0.09	0.033	0.11	12.4	27.8	0.47	653	0.84	<0.01
DD026326		2.82	22.2	1.82	3.23	0.05	0.05	0.07	0.026	0.10	11.3	21.0	0.49	865	0.36	<0.01
DD026327		2.55	43.1	1.78	3.40	0.05	0.07	0.09	0.028	0.09	10.1	16.9	0.48	1280	0.88	0.01
DD026328		0.95	73.0	4.28	5.35	0.06	0.05	0.10	0.036	0.09	14.5	34.9	0.71	1680	1.24	<0.01
DD026329		2.99	56.6	3.75	5.05	<0.05	0.09	0.10	0.035	0.12	8.8	28.5	0.54	877	1.28	0.01
DD026330		4.31	35.0	3.63	4.76	<0.05	0.06	0.06	0.033	0.10	7.1	25.2	0.45	1020	1.35	<0.01

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Sample Description	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
DD026291	0.35	32.4	1210	17.0	8.9	0.001	0.08	0.92	3.9	2.1	0.3	47.4	<0.01	0.06	0.8
DD026292	0.19	26.1	1230	11.1	6.1	0.001	0.11	0.57	1.7	2.0	0.2	40.9	<0.01	0.05	0.3
DD026293	0.32	27.6	1110	19.0	6.2	<0.001	0.11	0.76	1.7	1.7	0.3	36.0	<0.01	0.07	0.4
DD026294	0.25	47.9	1200	20.6	7.4	0.001	0.11	1.00	2.6	2.5	0.3	51.3	<0.01	0.09	0.5
DD026295	0.23	42.9	1170	13.4	6.6	0.002	0.10	0.96	2.6	2.7	0.3	53.0	<0.01	0.09	0.5
DD026296	0.18	44.6	970	11.9	6.8	0.002	0.06	0.90	3.4	3.0	0.3	51.3	<0.01	0.09	0.9
DD026297	0.19	38.5	940	10.4	6.2	0.005	0.12	0.87	3.2	4.7	0.3	101.0	<0.01	0.08	1.0
DD026298	0.11	47.2	1040	9.3	5.7	0.004	0.09	1.02	3.0	5.0	0.3	77.0	<0.01	0.11	1.3
DD026299	0.14	46.2	1200	10.3	7.5	0.005	0.10	1.02	2.7	4.6	0.3	71.1	<0.01	0.09	0.6
DD026300	0.16	40.1	1240	10.3	7.1	0.005	0.09	0.95	3.5	5.4	0.3	79.2	<0.01	0.11	1.0
DD026301	0.09	80.6	920	10.7	6.5	0.004	0.04	1.46	7.5	5.7	0.3	77.2	<0.01	0.08	2.3
DD026302	0.11	67.3	900	9.9	6.9	0.006	0.07	1.18	5.4	4.4	0.3	98.1	<0.01	0.08	1.3
DD026303	0.09	43.0	770	11.2	7.5	0.003	0.05	1.22	5.2	4.7	0.3	76.4	<0.01	0.08	2.1
DD026304	0.14	35.3	880	12.0	8.2	0.003	0.06	1.18	4.0	3.4	0.4	72.0	<0.01	0.08	1.7
DD026305	0.09	57.1	1260	9.2	6.2	0.010	0.13	1.30	3.8	7.1	0.3	152.0	<0.01	0.12	1.2
DD026306	0.05	67.2	1860	9.4	7.3	0.011	0.10	1.57	4.0	7.6	0.3	172.0	<0.01	0.14	2.2
DD026307	0.20	34.5	1730	15.9	9.8	0.003	0.25	2.30	2.6	4.8	0.5	102.5	<0.01	0.10	2.2
DD026308	0.09	56.0	2010	9.6	7.1	0.016	0.09	1.48	4.1	7.4	0.5	121.5	<0.01	0.08	1.3
DD026309	0.25	34.4	1270	12.5	7.4	0.014	0.12	3.16	2.4	4.8	0.3	88.6	<0.01	0.07	2.4
DD026310	0.37	51.8	740	11.0	10.5	0.002	0.08	2.12	3.0	3.2	0.4	32.4	<0.01	0.06	2.1
DD026311	0.41	16.0	560	12.0	11.6	<0.001	0.04	1.72	1.4	1.2	0.6	12.5	<0.01	0.08	1.1
DD026312	0.44	47.6	760	16.3	13.0	0.001	0.03	3.47	2.5	2.8	0.5	13.6	<0.01	0.09	2.7
DD026313	0.31	49.2	560	20.2	15.3	<0.001	0.03	2.40	2.9	3.3	0.5	13.4	<0.01	0.10	2.2
DD026314	0.40	28.4	750	15.9	14.2	0.001	0.02	1.14	2.3	1.9	0.5	16.8	<0.01	0.07	1.5
DD026315	0.53	21.1	920	16.7	11.5	0.001	0.04	1.09	2.2	3.3	0.5	21.3	<0.01	0.05	1.6
DD026316	0.28	12.5	680	9.6	8.9	0.001	0.05	1.02	1.2	4.0	0.4	8.8	<0.01	0.06	0.9
DD026317	0.28	8.1	900	9.3	9.3	0.001	0.07	0.52	1.0	2.7	0.4	25.8	<0.01	0.02	0.6
DD026318	0.47	12.2	670	11.3	9.2	0.001	0.09	0.92	1.3	2.4	0.4	35.5	<0.01	0.05	0.8
DD026319	0.26	8.8	410	6.4	2.6	<0.001	0.26	0.95	1.6	3.2	0.2	26.2	<0.01	0.02	0.2
DD026320	0.23	189.5	1040	13.4	7.6	0.004	0.03	13.20	5.0	6.2	0.6	82.5	<0.01	0.12	3.5
DD026321	0.54	45.1	400	17.6	12.1	0.001	0.02	0.70	2.9	0.9	0.5	33.0	<0.01	0.05	2.7
DD026322	0.94	46.1	850	13.8	11.8	0.002	0.13	0.58	4.8	3.1	0.4	57.9	<0.01	0.02	3.2
DD026323	0.21	9.2	320	8.6	6.4	<0.001	0.01	0.36	0.6	0.5	0.6	3.7	<0.01	0.02	0.3
DD026324	0.53	18.4	230	17.7	11.4	<0.001	0.01	0.59	2.4	0.5	0.5	5.4	<0.01	0.03	3.7
DD026325	0.49	23.6	630	19.1	12.7	<0.001	0.06	0.37	4.6	1.2	0.5	38.2	<0.01	0.03	2.9
DD026326	0.36	18.0	630	17.4	10.9	<0.001	0.08	0.27	3.5	1.0	0.3	53.6	<0.01	0.03	1.4
DD026327	0.45	19.3	930	19.0	10.3	<0.001	0.11	0.50	3.6	1.2	0.4	56.7	<0.01	0.02	1.2
DD026328	0.26	39.7	700	33.6	7.2	<0.001	0.01	0.47	6.7	0.9	0.5	20.7	<0.01	0.06	5.1
DD026329	0.52	30.6	700	22.0	11.4	<0.001	0.03	0.47	6.2	1.1	0.7	42.2	<0.01	0.05	3.7
DD026330	0.64	25.9	500	23.8	11.5	<0.001	0.02	0.47	5.9	0.8	0.7	29.7	<0.01	0.07	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD026291		0.006	0.15	2.62	51	0.13	37.1	108	1.3
DD026292		0.005	0.18	2.45	35	0.05	30.7	101	1.2
DD026293		0.008	0.14	1.41	42	0.10	32.1	115	0.7
DD026294		0.005	0.35	2.21	43	0.07	29.8	181	1.5
DD026295		0.005	0.21	3.42	39	0.07	29.9	155	1.6
DD026296		<0.005	0.12	2.96	53	<0.05	18.95	150	1.4
DD026297		<0.005	0.10	2.55	49	<0.05	16.35	126	1.9
DD026298		<0.005	0.09	2.65	51	0.10	15.25	175	1.6
DD026299		<0.005	0.12	3.77	51	<0.05	19.00	144	1.8
DD026300		<0.005	0.12	2.78	57	<0.05	20.3	129	2.0
DD026301		<0.005	0.10	3.06	50	<0.05	29.0	238	4.5
DD026302		<0.005	0.11	2.60	46	<0.05	24.3	175	1.1
DD026303		<0.005	0.10	1.99	49	<0.05	19.35	146	1.8
DD026304		<0.005	0.13	1.94	55	0.05	14.45	129	0.8
DD026305		<0.005	0.10	2.54	47	0.08	20.6	197	2.0
DD026306		<0.005	0.12	2.55	62	<0.05	19.05	283	2.7
DD026307		<0.005	0.39	1.59	89	0.10	5.21	139	1.2
DD026308		<0.005	0.25	7.54	57	0.17	26.2	132	0.6
DD026309		0.007	0.46	2.86	71	0.07	10.50	161	0.6
DD026310		0.006	0.55	2.25	73	0.12	11.50	262	<0.5
DD026311		0.009	0.28	0.77	97	0.11	2.42	129	<0.5
DD026312		0.007	0.49	0.82	152	0.10	3.66	286	1.3
DD026313		<0.005	0.46	0.77	176	0.09	3.77	299	1.0
DD026314		0.006	0.50	1.89	91	0.11	6.44	164	<0.5
DD026315		0.011	0.55	1.62	66	0.11	5.86	102	0.5
DD026316		0.005	0.43	0.84	42	<0.05	2.12	57	<0.5
DD026317		0.005	0.68	1.39	49	0.08	8.05	25	<0.5
DD026318		0.008	0.47	0.90	33	0.12	3.96	56	<0.5
DD026319		0.009	0.20	1.52	11	<0.05	5.35	19	<0.5
DD026320		0.006	0.52	7.28	509	0.18	39.1	1150	5.5
DD026321		0.005	0.14	0.92	58	0.06	9.04	315	1.9
DD026322		0.016	0.16	3.25	36	0.23	21.5	184	2.6
DD026323		0.010	0.05	0.33	32	0.08	1.65	37	<0.5
DD026324		0.008	0.12	0.41	41	0.07	2.77	78	2.1
DD026325		0.006	0.14	1.41	37	0.06	13.35	80	1.9
DD026326		0.007	0.10	1.49	23	<0.05	14.20	84	1.9
DD026327		0.009	0.12	1.65	24	0.07	19.10	65	2.2
DD026328		0.008	0.12	0.97	42	0.06	14.55	119	2.1
DD026329		0.006	0.11	2.45	39	0.13	11.95	122	2.7
DD026330		0.009	0.09	1.32	34	0.18	9.71	95	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method / Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD026331	0.18	0.003	0.12	2.42	17.2	<0.2	<10	590	0.93	0.34	0.07	0.35	27.4	16.9	36
DD026332	0.26	0.003	0.93	1.19	18.4	<0.2	<10	2360	0.63	0.25	0.79	0.49	13.75	6.8	26
DD026333	0.15	0.005	1.39	1.31	15.1	<0.2	<10	2070	0.84	0.26	1.07	0.89	18.15	12.8	26
DD026334	0.19	0.005	1.17	0.94	17.6	<0.2	<10	2180	0.69	0.22	0.83	0.55	11.15	6.3	27
DD026335	0.16	0.004	1.40	0.57	20.3	<0.2	10	1680	0.50	0.20	0.70	0.51	7.66	4.7	29
DD026336	0.11	0.004	1.78	0.80	17.5	<0.2	10	2060	0.56	0.22	0.76	0.72	10.25	5.7	29
DD026337	0.21	0.005	1.67	0.82	28.0	<0.2	<10	2100	0.54	0.24	0.19	0.57	10.40	1.9	25
DD026338	0.22	0.005	0.96	0.28	11.1	<0.2	10	940	0.41	0.16	7.98	0.62	5.04	5.9	33
DD026339	0.22	0.008	1.37	0.40	14.6	<0.2	10	1560	0.49	0.23	0.53	0.58	6.50	8.5	21
DD026340	0.29	0.003	0.52	0.48	11.9	<0.2	10	2000	0.44	0.19	0.35	0.53	9.02	8.1	16
DD026341	0.15	0.003	0.42	0.62	16.1	<0.2	10	1760	0.40	0.20	0.40	0.14	5.78	3.3	17
DD026342	0.20	0.004	1.30	0.77	19.0	<0.2	10	2720	0.57	0.21	0.38	0.57	9.65	3.6	27
DD026343	0.25	0.003	1.02	0.71	20.1	<0.2	<10	3170	0.51	0.21	0.54	0.33	9.49	3.0	25
DD026344	0.10	0.005	1.01	0.80	5.6	<0.2	<10	3390	0.32	0.20	0.56	0.66	9.58	1.2	21
DD026345	0.07	0.005	3.17	0.87	14.8	<0.2	<10	3580	0.60	0.23	0.38	1.99	17.40	4.8	33
DD026346	0.09	0.005	2.56	0.69	12.4	<0.2	<10	2890	0.32	0.20	0.21	1.28	12.60	2.6	24
DD026347	0.25	0.005	1.49	0.99	15.3	<0.2	<10	3430	0.70	0.24	0.30	1.03	15.25	6.9	24
DD026348	0.11	0.005	0.50	0.81	8.4	<0.2	<10	1040	0.39	0.23	0.44	0.71	13.65	3.0	17
DD026349	0.26	0.004	0.49	1.17	11.4	<0.2	<10	760	0.68	0.28	0.65	0.61	16.35	8.8	23
DD026350	0.28	0.006	0.96	0.96	14.4	<0.2	<10	1050	0.82	0.25	0.91	2.11	16.20	8.8	22
DD026351	0.14	0.006	0.50	0.64	7.9	<0.2	<10	770	0.25	0.31	0.39	1.55	9.48	2.3	11
DD026352	0.14	0.005	1.82	1.87	7.1	<0.2	<10	670	1.21	0.28	0.25	3.24	91.7	12.1	21
DD026353	0.16	0.010	0.22	0.65	11.7	<0.2	<10	140	0.27	0.34	0.02	0.65	8.89	3.5	15
DD026354	0.19	0.007	0.31	0.82	16.6	<0.2	<10	120	0.28	0.41	0.04	0.33	11.50	9.3	21
DD026355	0.14	0.012	2.28	0.85	4.2	<0.2	<10	330	0.55	0.20	0.11	1.91	31.5	3.0	13
DD026356	0.25	0.003	1.05	0.30	4.2	<0.2	<10	150	0.21	0.12	0.07	0.44	9.28	1.9	6
DD026357	0.18	0.006	0.41	0.85	10.4	<0.2	<10	290	0.56	0.30	0.20	1.02	22.9	6.9	19
DD026358	0.28	0.003	0.23	1.29	14.4	<0.2	<10	270	1.07	0.33	0.38	1.94	30.7	19.8	22
DD026359	0.22	0.003	0.54	1.91	15.1	<0.2	<10	400	1.11	0.36	0.18	1.67	27.6	42.0	32
DD026360	0.10	0.004	3.36	1.96	20.3	<0.2	<10	480	0.78	0.32	0.16	2.50	28.9	86.1	42
DD026362	0.11	0.003	1.35	1.07	20.4	<0.2	<10	480	1.06	0.24	1.24	12.60	26.7	15.2	37
DD026363	0.23	0.002	0.20	1.47	12.0	<0.2	<10	560	1.15	0.31	0.74	0.96	24.3	14.5	24
DD026364	0.20	0.002	0.15	1.54	9.2	<0.2	<10	580	1.05	0.30	0.94	0.58	24.4	13.3	24
DD026365	0.24	0.003	0.14	1.80	8.4	<0.2	<10	680	1.17	0.33	0.64	0.39	27.3	14.2	28
DD026366	0.17	0.002	0.10	1.60	10.9	<0.2	<10	210	1.15	0.29	1.10	0.27	36.2	13.1	24
DD026367	0.27	0.001	0.03	0.75	6.9	<0.2	<10	120	0.50	0.23	0.25	0.13	41.4	7.2	12
DD026368	0.13	0.003	0.03	1.01	8.2	<0.2	<10	70	0.23	0.32	0.06	0.10	36.1	3.4	17
DD026369	0.15	0.021	0.32	1.67	9.7	<0.2	<10	230	1.61	0.26	2.27	0.29	27.6	11.7	21
DD026370	0.24	0.004	0.22	1.47	10.5	<0.2	<10	250	1.39	0.33	1.47	0.21	18.20	12.5	24
DD026371	0.16	0.003	1.63	2.09	20.3	<0.2	10	2450	1.26	0.28	1.17	1.57	18.05	10.0	44

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Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD026331		1.47	38.3	4.51	5.47	<0.05	0.09	0.03	0.044	0.10	12.1	46.7	0.53	471	1.92	<0.01
DD026332		0.85	38.7	2.78	3.72	<0.05	0.03	0.13	0.035	0.09	6.5	12.7	0.17	205	3.37	<0.01
DD026333		0.70	55.2	3.05	3.42	0.06	0.05	0.19	0.038	0.08	9.1	16.6	0.35	298	2.54	<0.01
DD026334		0.48	39.6	2.51	2.67	<0.05	0.06	0.16	0.034	0.07	5.3	9.6	0.18	104	2.95	<0.01
DD026335		0.62	35.4	2.43	1.66	0.05	0.03	0.15	0.029	0.08	4.0	4.0	0.09	100	4.23	<0.01
DD026336		0.57	41.4	2.36	2.26	0.05	0.05	0.19	0.031	0.07	5.5	7.9	0.15	215	3.15	<0.01
DD026337		0.60	39.3	1.83	2.30	0.05	<0.02	0.17	0.030	0.06	5.3	5.2	0.08	23	3.87	<0.01
DD026338		0.69	51.6	3.69	0.81	0.05	0.18	0.18	0.030	0.08	2.9	1.6	0.25	124	5.89	0.01
DD026339		1.12	72.6	3.13	0.97	0.05	0.04	0.26	0.040	0.08	4.1	2.8	0.04	148	4.31	<0.01
DD026340		0.79	51.4	2.17	1.44	<0.05	0.04	0.13	0.033	0.07	4.5	5.0	0.09	193	4.82	<0.01
DD026341		0.57	31.4	2.27	1.88	<0.05	0.03	0.08	0.031	0.07	3.0	5.2	0.10	41	5.24	<0.01
DD026342		0.58	43.7	1.59	2.23	<0.05	0.04	0.21	0.030	0.07	4.9	6.4	0.09	31	5.39	<0.01
DD026343		0.58	32.1	2.38	2.28	<0.05	0.03	0.19	0.029	0.06	4.8	6.9	0.11	63	7.33	<0.01
DD026344		0.62	21.9	1.03	2.85	<0.05	0.02	0.23	0.022	0.06	4.8	5.2	0.11	22	0.83	<0.01
DD026345		0.51	53.2	1.95	2.82	0.06	0.03	0.21	0.029	0.06	11.1	8.3	0.14	60	8.06	<0.01
DD026346		0.58	35.4	1.73	2.51	<0.05	0.02	0.21	0.024	0.06	7.6	5.0	0.11	51	5.02	<0.01
DD026347		0.63	43.0	2.40	2.99	<0.05	0.02	0.22	0.032	0.09	8.4	13.4	0.19	183	4.95	<0.01
DD026348		0.53	25.7	1.49	2.80	<0.05	0.03	0.16	0.025	0.09	6.7	10.0	0.22	46	2.06	<0.01
DD026349		0.95	39.7	2.48	3.87	<0.05	0.03	0.13	0.041	0.12	8.0	13.3	0.28	364	6.96	0.01
DD026350		0.89	74.7	2.94	3.00	0.06	0.04	0.22	0.043	0.13	9.7	12.2	0.29	204	7.81	0.01
DD026351		1.10	53.8	1.61	3.13	<0.05	<0.02	0.08	0.029	0.10	4.5	3.8	0.16	35	3.41	0.01
DD026352		2.29	133.5	2.86	5.05	0.25	0.04	0.27	0.040	0.14	32.8	26.0	0.38	350	2.04	0.01
DD026353		2.02	53.0	2.10	3.88	<0.05	<0.02	0.06	0.037	0.12	4.7	2.3	0.07	51	6.38	<0.01
DD026354		2.00	34.9	3.60	5.54	<0.05	<0.02	0.04	0.032	0.09	5.6	2.6	0.08	366	4.91	0.01
DD026355		2.01	83.9	1.70	2.35	0.09	<0.02	0.19	0.045	0.07	11.7	2.6	0.07	77	2.31	0.01
DD026356		1.52	27.5	0.83	1.29	<0.05	<0.02	0.27	0.014	0.10	4.2	1.3	0.05	17	3.51	0.01
DD026357		1.18	61.3	2.36	2.97	0.05	0.02	0.27	0.038	0.10	10.9	8.8	0.25	102	5.51	0.01
DD026358		1.34	46.2	4.16	4.52	0.07	0.02	0.09	0.044	0.15	12.9	22.2	0.42	680	8.06	0.01
DD026359		1.68	43.9	4.67	6.00	0.06	0.02	0.16	0.049	0.18	11.3	27.0	0.47	1260	11.75	0.01
DD026360		1.90	51.2	3.98	6.26	0.07	0.03	0.40	0.054	0.15	14.2	32.9	0.37	3890	20.8	0.01
DD026362		1.00	70.6	2.67	3.34	0.07	0.05	0.29	0.037	0.14	16.7	12.4	0.24	1030	18.05	0.01
DD026363		1.28	47.5	3.52	4.83	0.05	0.10	0.10	0.039	0.14	12.3	24.7	0.52	552	5.80	0.01
DD026364		1.10	41.6	3.34	4.78	<0.05	0.09	0.08	0.035	0.13	11.0	26.3	0.55	544	1.95	0.01
DD026365		1.17	40.5	3.33	5.66	0.05	0.08	0.09	0.034	0.13	12.6	33.7	0.67	627	0.98	0.01
DD026366		1.20	26.2	3.34	4.93	0.05	0.05	0.05	0.035	0.12	18.5	26.4	0.41	546	1.90	0.01
DD026367		2.28	20.3	2.46	3.45	0.05	0.03	0.02	0.023	0.12	18.6	6.7	0.12	349	2.60	0.01
DD026368		2.04	7.8	2.29	6.95	<0.05	0.02	0.02	0.019	0.07	18.4	7.6	0.16	125	1.38	0.01
DD026369		5.12	55.0	2.50	4.10	0.07	0.06	0.11	0.037	0.11	14.8	28.4	0.50	1090	0.76	0.01
DD026370		4.54	62.0	2.86	4.54	<0.05	0.07	0.09	0.035	0.14	9.2	29.1	0.61	879	1.12	0.01
DD026371		1.34	36.4	3.61	4.54	0.06	0.07	0.17	0.051	0.08	21.1	21.1	0.15	250	4.43	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD026331		0.67	44.4	580	20.4	12.6	<0.001	0.02	0.62	3.9	1.5	0.5	21.4	<0.01	0.08	4.9
DD026332		0.21	45.3	850	14.4	9.0	0.003	0.09	0.78	3.7	2.7	0.4	86.3	<0.01	0.11	1.6
DD026333		0.25	51.3	1140	16.3	8.4	0.009	0.08	0.83	5.3	6.9	0.3	85.3	<0.01	0.10	2.3
DD026334		0.20	36.9	950	12.3	7.3	0.004	0.06	0.76	4.7	5.5	0.4	88.8	<0.01	0.12	2.4
DD026335		0.11	46.9	1610	10.4	7.1	0.007	0.05	1.03	3.7	7.2	0.3	93.8	<0.01	0.23	2.1
DD026336		0.16	42.9	1410	11.6	7.3	0.010	0.08	0.87	3.7	7.4	0.3	99.7	<0.01	0.17	1.5
DD026337		0.22	20.6	1480	13.1	8.7	0.002	0.08	0.76	3.8	5.6	0.4	91.3	<0.01	0.13	1.6
DD026338		<0.05	74.8	1100	8.4	5.6	0.007	0.09	0.94	7.1	4.8	0.2	386	<0.01	0.06	2.6
DD026339		<0.05	106.5	1130	10.8	7.0	0.004	0.06	1.08	8.2	5.1	0.3	118.5	<0.01	0.09	2.1
DD026340		0.14	59.8	930	9.9	6.5	0.005	0.05	0.92	5.2	3.8	0.3	89.0	<0.01	0.08	2.3
DD026341		0.10	29.4	470	10.4	6.6	0.004	0.03	0.71	3.9	3.2	0.4	54.7	<0.01	0.08	1.5
DD026342		0.20	40.3	1070	12.0	7.7	0.006	0.07	1.00	5.0	4.7	0.4	104.5	<0.01	0.08	2.2
DD026343		0.21	27.9	1070	11.4	7.2	0.008	0.08	0.99	3.5	4.6	0.4	115.5	<0.01	0.09	1.9
DD026344		0.29	20.3	650	9.7	8.2	0.006	0.10	0.42	2.8	3.6	0.4	81.9	<0.01	0.05	1.5
DD026345		0.40	44.3	1120	12.6	8.0	0.007	0.10	1.42	4.4	7.0	0.4	88.7	<0.01	0.06	2.3
DD026346		0.32	25.4	1260	10.9	7.3	0.010	0.13	1.03	2.4	5.0	0.4	73.7	<0.01	0.06	0.8
DD026347		0.27	40.2	970	13.1	8.5	0.003	0.07	0.92	4.5	3.1	0.4	84.4	<0.01	0.08	2.1
DD026348		0.38	17.2	750	12.4	8.2	0.004	0.06	1.01	2.6	2.1	0.4	37.7	<0.01	0.05	2.4
DD026349		0.38	27.4	700	17.3	12.2	0.005	0.03	2.47	3.6	1.8	0.6	35.1	<0.01	0.07	3.6
DD026350		0.22	53.6	1170	16.8	9.6	0.004	0.06	3.49	5.0	3.6	0.4	60.6	<0.01	0.08	3.6
DD026351		0.29	23.4	410	13.4	11.0	<0.001	0.02	2.20	2.1	2.7	0.5	43.1	<0.01	0.09	2.0
DD026352		0.44	72.2	1210	22.8	13.4	0.001	0.07	1.06	7.0	7.7	0.5	30.0	0.01	0.05	4.0
DD026353		0.39	17.1	810	15.8	12.0	0.001	0.02	3.19	1.4	1.8	0.6	4.9	<0.01	0.10	1.4
DD026354		0.59	23.9	1190	20.9	13.4	<0.001	0.03	2.53	1.6	2.0	0.7	6.2	<0.01	0.09	0.6
DD026355		0.36	24.7	1290	26.4	8.6	<0.001	0.10	0.82	2.2	3.9	0.4	15.6	<0.01	0.04	0.8
DD026356		0.18	10.9	430	9.6	9.6	0.002	0.05	1.18	1.8	2.6	0.4	23.8	<0.01	0.04	1.2
DD026357		0.70	35.3	810	16.0	10.4	0.002	0.04	2.00	4.5	6.9	0.5	28.9	<0.01	0.06	3.5
DD026358		0.33	45.8	910	22.8	11.8	0.001	0.01	2.49	5.2	2.3	0.6	28.1	<0.01	0.07	6.0
DD026359		0.47	48.3	890	26.9	18.5	0.001	0.06	3.69	5.4	3.5	0.7	22.9	<0.01	0.08	4.5
DD026360		0.33	65.5	1060	20.5	19.2	0.002	0.08	7.27	6.4	6.4	0.7	23.0	<0.01	0.11	3.3
DD026362		0.28	104.0	1470	16.9	12.6	0.013	0.08	7.45	4.7	7.1	0.5	51.4	<0.01	0.09	2.6
DD026363		0.39	41.1	580	20.1	11.8	<0.001	0.02	1.51	6.2	1.2	0.6	31.6	<0.01	0.06	5.4
DD026364		0.40	32.1	600	19.1	11.0	<0.001	0.04	0.72	5.3	1.1	0.5	36.0	<0.01	0.04	4.2
DD026365		0.53	31.8	500	22.3	12.2	<0.001	0.04	0.55	5.6	0.9	0.6	29.1	<0.01	0.03	5.1
DD026366		0.59	31.3	420	19.4	12.4	<0.001	0.02	0.60	4.8	1.0	0.6	44.5	<0.01	0.03	3.5
DD026367		0.22	14.8	240	17.8	11.5	<0.001	0.01	0.64	2.4	0.3	0.5	13.9	<0.01	0.02	4.9
DD026368		1.46	7.6	160	12.2	13.3	<0.001	0.01	0.51	1.6	0.3	0.8	7.9	<0.01	0.03	4.4
DD026369		0.45	22.9	1150	18.6	15.3	<0.001	0.12	0.51	4.2	2.2	0.4	73.8	<0.01	0.03	1.3
DD026370		0.54	26.3	660	19.6	15.1	<0.001	0.08	0.54	5.0	1.5	0.5	65.0	<0.01	0.04	2.5
DD026371		0.36	57.5	1120	17.6	16.6	0.001	0.06	1.28	6.0	3.3	0.6	56.6	<0.01	0.12	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
DD026331		0.008	0.16	0.85	59	0.10	5.08	116	3.2
DD026332		<0.005	0.18	2.97	60	0.05	12.15	144	1.0
DD026333		<0.005	0.12	5.15	54	<0.05	19.90	169	2.1
DD026334		<0.005	0.10	2.22	60	<0.05	18.85	131	2.8
DD026335		<0.005	0.10	3.10	55	<0.05	18.60	158	1.5
DD026336		<0.005	0.09	2.34	58	<0.05	19.85	148	1.6
DD026337		<0.005	0.15	2.51	59	0.05	15.15	71	0.5
DD026338		<0.005	0.13	3.30	83	<0.05	33.6	191	12.8
DD026339		<0.005	0.12	2.99	46	<0.05	34.5	278	1.8
DD026340		<0.005	0.12	2.24	35	<0.05	21.1	187	2.1
DD026341		<0.005	0.09	1.41	47	<0.05	10.25	114	1.3
DD026342		<0.005	0.15	3.25	61	<0.05	21.3	123	1.8
DD026343		<0.005	0.14	2.61	56	0.06	15.25	97	1.2
DD026344		<0.005	0.21	1.94	37	0.06	8.00	62	0.8
DD026345		0.006	0.23	5.48	71	0.15	20.3	140	1.3
DD026346		0.006	0.34	3.27	44	0.11	10.60	73	0.6
DD026347		0.005	0.19	2.45	64	0.09	17.05	172	0.7
DD026348		0.006	0.23	1.31	59	0.06	6.71	80	1.0
DD026349		0.005	0.37	1.41	118	0.11	9.69	152	1.2
DD026350		<0.005	0.37	1.72	121	0.17	18.35	289	1.7
DD026351		0.007	0.19	1.70	55	0.08	14.90	113	<0.5
DD026352		0.007	0.48	4.54	42	0.12	88.5	176	0.9
DD026353		0.009	0.23	0.58	61	0.11	2.01	123	<0.5
DD026354		0.015	0.32	0.51	89	0.16	2.27	149	<0.5
DD026355		0.008	0.35	3.92	29	0.08	25.1	76	<0.5
DD026356		<0.005	0.46	0.90	24	0.10	6.33	56	<0.5
DD026357		0.017	0.42	1.89	44	0.23	15.30	169	0.7
DD026358		0.008	0.21	1.68	76	0.09	18.90	292	1.2
DD026359		0.005	0.54	1.90	147	0.14	15.20	269	1.0
DD026360		<0.005	1.81	3.61	488	0.17	22.8	614	0.8
DD026362		<0.005	0.51	6.78	417	0.15	29.5	767	1.9
DD026363		0.007	0.19	1.60	61	0.09	13.90	182	3.9
DD026364		0.006	0.13	1.11	42	0.09	10.40	135	3.1
DD026365		0.008	0.12	1.47	41	0.13	10.45	116	2.6
DD026366		0.010	0.17	0.63	48	0.27	14.45	86	2.3
DD026367		0.005	0.10	0.44	23	<0.05	4.24	56	1.3
DD026368		0.046	0.14	0.45	59	0.25	2.45	36	0.9
DD026369		0.008	0.15	2.07	25	0.07	29.8	77	1.9
DD026370		0.011	0.17	2.54	31	0.12	14.60	100	2.2
DD026371		<0.005	0.26	3.29	94	0.08	34.1	200	2.2

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VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD026372		0.15	0.003	1.09	0.95	13.6	<0.2	<10	1690	0.58	0.25	1.30	0.75	14.50	7.2	25
DD026373		0.23	0.006	1.32	0.78	19.9	<0.2	<10	1080	0.58	0.23	1.39	0.90	12.90	7.6	23
DD026374		0.18	0.005	1.33	0.58	14.9	<0.2	10	2350	0.59	0.20	0.84	0.80	7.45	7.1	23
DD026375		0.23	0.006	1.54	0.66	10.5	<0.2	10	1860	0.55	0.23	1.10	0.45	7.37	7.7	20
DD026376		0.26	0.009	0.14	0.51	13.8	<0.2	10	1030	0.23	0.21	0.21	0.18	8.12	3.7	22
DD026377		0.19	0.005	1.15	0.73	24.7	<0.2	10	2620	0.65	0.23	0.66	0.61	7.36	7.2	33
DD026378		0.31	0.004	1.75	0.84	22.3	<0.2	10	3930	0.51	0.23	0.54	1.01	13.35	6.3	38
DD026379		0.26	0.007	1.16	0.67	12.3	<0.2	10	1490	0.47	0.21	0.21	0.69	7.09	4.5	37
DD026380		0.22	0.006	2.93	0.81	23.1	<0.2	10	940	0.48	0.25	0.32	0.82	12.45	4.8	44
DD026381		0.17	0.006	14.00	0.54	72.2	<0.2	10	1780	0.48	0.28	0.24	7.01	14.60	5.4	85
DD026382		0.10	0.003	1.68	0.78	15.5	<0.2	10	2770	0.59	0.19	0.88	3.04	10.70	7.6	25
DD026383		0.10	0.003	0.89	0.72	26.9	<0.2	10	2650	0.68	0.17	1.01	1.37	10.10	9.0	20
DD026384		0.11	0.002	0.94	0.79	13.8	<0.2	10	2690	0.60	0.19	1.01	0.84	9.44	7.4	22
DD026385		0.33	0.004	0.64	0.96	14.3	<0.2	<10	2560	0.70	0.21	0.52	0.61	15.05	7.7	24
DD026386		0.36	0.003	0.54	0.91	13.6	<0.2	<10	2470	0.59	0.19	0.45	0.88	15.10	6.9	22
DD026387		0.13	0.009	2.31	1.07	8.6	<0.2	<10	430	0.80	0.18	1.36	3.97	18.60	8.2	21
DD026388		0.09	0.005	0.71	0.70	3.1	<0.2	<10	280	0.33	0.17	0.51	1.32	12.95	1.8	16
DD026389		0.22	0.003	0.66	1.38	8.2	<0.2	<10	260	0.73	0.25	0.21	0.89	18.35	8.4	23
DD026390		0.16	0.003	0.60	1.02	9.4	<0.2	<10	340	0.64	0.22	0.45	1.81	18.00	17.2	18
DD026391		0.19	0.003	0.46	0.96	7.4	<0.2	<10	240	0.72	0.20	0.67	0.65	20.1	6.2	21
DD026392		0.19	0.012	0.40	1.32	11.2	<0.2	<10	300	0.86	0.26	0.49	0.79	18.50	9.4	23
DD026393		0.27	0.002	0.43	1.28	12.0	<0.2	<10	210	0.78	0.25	0.37	0.85	17.85	7.5	23
DD026394		0.13	0.003	0.49	0.88	6.2	<0.2	<10	170	0.40	0.21	0.18	0.69	13.85	4.0	16
DD026395		0.35	0.005	1.58	1.51	16.0	<0.2	<10	390	1.12	0.24	0.54	20.9	30.2	12.3	50
DD026396		0.22	0.001	0.12	1.38	13.3	<0.2	<10	80	0.26	0.27	0.03	0.44	22.4	4.5	20
DD026397		0.20	0.002	1.24	1.42	15.0	<0.2	<10	500	0.57	0.26	0.27	4.87	22.7	6.2	24
DD026398		0.29	0.004	1.44	1.57	17.5	<0.2	<10	450	1.12	0.27	0.95	12.65	20.1	13.2	29
DD026399		0.18	0.004	0.86	0.80	20.5	<0.2	10	220	0.76	0.15	2.16	7.15	28.7	11.5	34
DD026400		0.22	0.002	0.11	1.46	11.4	<0.2	<10	260	1.02	0.30	1.61	1.16	23.2	20.9	25
DD026401		0.29	0.002	0.18	1.58	7.4	<0.2	10	240	1.14	0.24	1.80	0.78	22.1	14.9	24
DD026402		0.16	0.002	0.08	1.40	7.5	<0.2	10	190	1.17	0.27	1.36	0.25	24.2	14.3	22
DD026403		0.29	0.002	0.15	1.76	8.5	<0.2	<10	200	1.24	0.32	0.89	0.26	23.8	16.6	28
DD026404		0.26	0.001	0.10	1.07	9.4	<0.2	<10	190	0.88	0.23	1.49	0.36	32.4	9.8	18
DD026405		0.29	<0.001	0.19	1.38	6.8	<0.2	<10	370	1.15	0.25	1.42	0.14	19.30	10.1	23
DD026406		0.27	0.003	0.23	1.55	11.5	<0.2	<10	310	1.28	0.31	1.29	0.23	16.85	12.2	25
DD026407		0.12	0.027	0.15	1.63	12.9	<0.2	<10	470	1.21	0.28	1.34	0.25	17.15	12.0	30
DD026408		0.22	0.004	0.88	0.76	9.4	<0.2	<10	1180	0.55	0.17	1.06	0.55	13.00	7.1	19
DD026409		0.16	0.003	0.86	0.51	7.5	<0.2	<10	990	0.42	0.16	0.93	0.44	8.71	5.2	15
DD026410		0.11	0.002	0.99	0.52	7.7	<0.2	<10	1180	0.43	0.15	1.13	0.34	7.01	3.5	18
DD026411		0.23	0.003	1.06	0.93	12.8	<0.2	<10	1510	0.51	0.19	0.63	0.20	9.57	6.3	27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD026372	0.60	29.8	2.67	2.80	<0.05	0.04	0.13	0.041	0.08	11.7	6.8	0.15	222	3.07	0.01
DD026373	1.35	43.4	2.72	2.13	0.06	0.05	0.20	0.039	0.09	12.0	5.6	0.14	174	3.16	0.01
DD026374	0.72	55.1	2.41	1.58	<0.05	0.05	0.17	0.034	0.08	4.4	4.5	0.13	191	4.99	0.01
DD026375	0.97	60.7	2.36	1.75	0.05	0.05	0.31	0.038	0.08	4.1	3.7	0.08	241	3.97	0.01
DD026376	1.02	25.3	1.84	2.40	<0.05	<0.02	0.03	0.025	0.07	4.4	2.4	0.05	40	7.09	0.01
DD026377	0.90	67.6	2.84	1.91	0.05	0.04	0.19	0.043	0.08	4.3	5.2	0.05	89	8.09	<0.01
DD026378	0.76	40.9	3.11	2.59	0.05	<0.02	0.19	0.035	0.07	7.3	5.2	0.07	115	6.73	<0.01
DD026379	0.85	74.5	2.70	1.43	0.05	0.06	0.09	0.043	0.11	4.4	2.3	0.03	40	9.22	0.01
DD026380	0.98	71.5	3.60	3.01	0.07	<0.02	0.42	0.043	0.11	7.5	5.8	0.10	98	17.60	0.01
DD026381	0.60	106.0	3.42	3.03	0.12	0.02	0.23	0.051	0.08	12.5	2.5	0.04	45	78.0	0.01
DD026382	0.63	43.5	2.27	2.45	0.05	0.04	0.17	0.033	0.08	5.6	9.0	0.18	271	6.39	<0.01
DD026383	0.52	39.6	3.70	2.04	0.06	0.06	0.14	0.029	0.07	4.9	7.0	0.14	691	9.22	<0.01
DD026384	0.57	35.9	2.33	2.30	0.05	0.04	0.15	0.028	0.07	4.8	8.4	0.18	363	5.31	<0.01
DD026385	0.81	44.5	2.39	3.19	<0.05	<0.02	0.11	0.031	0.10	7.8	11.6	0.26	213	6.96	<0.01
DD026386	0.71	35.2	2.26	3.05	<0.05	0.02	0.21	0.027	0.08	7.9	11.3	0.25	232	6.00	<0.01
DD026387	0.68	66.0	2.18	2.69	0.05	0.04	0.44	0.033	0.08	10.1	14.2	0.20	346	4.58	<0.01
DD026388	0.70	31.8	0.72	2.71	<0.05	0.03	0.24	0.023	0.06	6.4	6.1	0.20	64	2.35	<0.01
DD026389	1.30	31.2	2.71	4.63	0.05	0.02	0.19	0.027	0.13	8.9	20.6	0.36	231	4.13	<0.01
DD026390	0.87	37.4	2.61	3.27	0.07	0.04	0.17	0.035	0.10	7.5	14.7	0.28	879	8.14	<0.01
DD026391	0.65	28.7	1.80	3.16	<0.05	0.04	0.11	0.029	0.10	10.1	19.8	0.37	109	2.93	<0.01
DD026392	0.98	34.4	2.61	4.34	<0.05	0.04	0.16	0.035	0.11	8.8	20.6	0.41	274	4.51	<0.01
DD026393	1.12	30.5	3.00	4.37	0.05	0.03	0.15	0.027	0.13	8.5	19.5	0.44	194	5.41	<0.01
DD026394	0.93	22.1	1.54	3.43	<0.05	<0.02	0.17	0.019	0.08	6.8	9.1	0.17	222	4.06	<0.01
DD026395	1.01	80.6	2.80	5.12	0.08	0.04	0.27	0.034	0.13	18.4	23.4	0.54	450	15.45	<0.01
DD026396	0.95	11.6	2.73	6.43	<0.05	0.03	0.02	0.021	0.05	11.4	10.7	0.20	140	9.58	<0.01
DD026397	1.30	28.9	2.44	6.09	<0.05	<0.02	0.15	0.025	0.07	12.4	18.1	0.31	239	7.73	<0.01
DD026398	1.13	55.9	3.46	4.91	0.06	0.07	0.27	0.054	0.12	10.3	21.9	0.53	990	7.65	<0.01
DD026399	0.61	38.1	1.99	2.77	0.07	0.04	0.22	0.022	0.10	22.1	9.9	0.37	602	6.39	<0.01
DD026400	1.16	48.7	3.47	4.81	0.05	0.08	0.07	0.032	0.11	10.1	26.8	1.01	1120	1.72	<0.01
DD026401	1.22	57.1	3.24	4.74	0.05	0.05	0.08	0.035	0.14	10.5	23.4	0.71	1000	2.03	<0.01
DD026402	1.22	40.4	3.08	4.32	<0.05	0.06	0.07	0.031	0.15	10.6	21.5	0.53	537	0.77	<0.01
DD026403	1.33	52.1	3.46	5.68	0.05	0.07	0.08	0.038	0.14	11.1	32.0	0.66	607	0.75	<0.01
DD026404	1.76	25.6	2.38	3.27	<0.05	0.03	0.06	0.024	0.11	14.0	18.2	0.33	586	0.79	<0.01
DD026405	2.13	25.6	2.73	4.15	0.05	0.05	0.07	0.029	0.12	11.2	24.3	0.53	403	0.63	<0.01
DD026406	2.79	56.2	2.97	4.68	<0.05	0.05	0.10	0.029	0.12	9.4	28.6	0.58	411	0.91	<0.01
DD026407	2.30	60.7	3.26	5.23	0.05	0.07	0.07	0.030	0.10	7.5	30.2	0.74	695	0.89	<0.01
DD026408	0.73	28.2	2.12	2.28	<0.05	0.04	0.17	0.031	0.07	9.9	8.7	0.22	161	1.54	<0.01
DD026409	0.45	28.1	1.95	1.40	<0.05	0.03	0.13	0.027	0.05	5.8	3.8	0.09	161	2.07	<0.01
DD026410	0.45	39.0	1.51	1.46	<0.05	0.05	0.12	0.027	0.05	3.6	3.1	0.15	93	2.83	<0.01
DD026411	0.52	24.8	2.35	2.81	<0.05	0.03	0.15	0.031	0.06	4.7	7.1	0.16	84	3.62	<0.01

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD026372		0.29	41.3	960	15.1	7.5	0.001	0.10	1.24	3.7	2.5	0.4	60.6	<0.01	0.11	1.4
DD026373		0.22	69.8	1240	14.3	8.0	0.002	0.09	1.43	5.2	2.9	0.4	58.8	<0.01	0.11	1.3
DD026374		0.11	75.0	1240	10.1	6.8	0.003	0.08	1.56	6.1	4.7	0.3	105.0	<0.01	0.11	2.2
DD026375		0.15	62.8	820	12.9	8.5	0.006	0.07	1.20	6.9	5.9	0.4	80.1	<0.01	0.07	1.8
DD026376		0.19	45.3	400	11.1	9.3	0.003	0.03	1.23	2.2	3.0	0.5	35.6	<0.01	0.08	1.7
DD026377		0.07	74.3	1280	14.1	8.6	0.010	0.05	1.58	7.5	6.3	0.5	148.5	<0.01	0.08	2.3
DD026378		0.20	67.5	1620	15.1	7.9	0.001	0.08	1.92	4.4	5.1	0.4	183.0	<0.01	0.07	1.8
DD026379		0.05	67.1	1420	9.0	7.9	0.017	0.18	1.43	9.0	6.5	0.5	217	<0.01	0.07	2.1
DD026380		0.21	40.8	1680	15.5	9.7	0.021	0.22	2.48	4.7	12.6	0.6	103.5	<0.01	0.12	1.8
DD026381		0.14	148.5	2080	15.5	7.9	0.013	0.16	16.70	4.2	29.1	1.0	107.0	<0.01	0.15	1.7
DD026382		0.17	50.3	1210	12.6	7.6	0.013	0.11	1.74	3.9	6.5	0.4	114.0	<0.01	0.09	1.9
DD026383		0.13	44.7	1180	11.6	6.5	0.009	0.13	1.45	3.9	6.9	0.3	103.0	<0.01	0.09	1.7
DD026384		0.15	39.5	1100	12.5	7.2	0.010	0.10	1.35	3.9	4.2	0.3	105.0	<0.01	0.07	1.8
DD026385		0.22	41.3	1110	12.5	8.7	0.005	0.07	2.31	3.8	3.2	0.5	68.7	<0.01	0.07	2.3
DD026386		0.29	30.1	1120	12.3	8.0	0.003	0.06	2.01	3.4	2.7	0.4	63.3	<0.01	0.07	2.6
DD026387		0.29	36.4	1080	15.7	8.7	0.008	0.08	2.18	5.9	3.8	0.4	48.4	<0.01	0.06	1.5
DD026388		0.33	14.0	550	13.8	8.1	0.005	0.16	1.27	2.6	2.8	0.4	40.3	<0.01	0.03	1.4
DD026389		0.32	31.5	750	19.9	13.6	0.001	0.03	1.36	3.1	2.3	0.6	22.8	<0.01	0.07	3.2
DD026390		0.23	40.7	860	17.1	9.8	0.002	0.06	1.82	3.8	3.6	0.5	33.4	<0.01	0.06	2.8
DD026391		0.36	24.8	770	16.2	7.7	0.001	0.05	1.72	3.9	2.3	0.5	44.3	<0.01	0.07	3.7
DD026392		0.33	31.1	640	24.3	11.7	0.001	0.05	1.58	4.3	4.6	0.6	37.4	<0.01	0.07	3.4
DD026393		0.36	32.7	700	19.6	12.2	0.001	0.05	1.92	3.9	3.4	0.5	31.0	<0.01	0.07	3.4
DD026394		0.35	13.5	750	12.0	11.0	<0.001	0.05	1.02	2.2	2.2	0.5	19.0	<0.01	0.04	1.4
DD026395		0.32	151.5	1160	15.8	11.2	0.011	0.04	8.86	6.4	5.8	0.6	34.9	<0.01	0.13	3.7
DD026396		0.95	15.3	330	12.8	9.8	<0.001	0.02	2.06	2.0	1.1	0.8	7.6	<0.01	0.06	3.0
DD026397		0.77	50.5	520	14.9	10.4	0.001	0.03	2.08	2.7	2.2	0.7	25.0	<0.01	0.06	2.0
DD026398		0.38	92.0	800	17.4	9.8	0.010	0.04	3.02	6.0	4.3	0.6	35.3	<0.01	0.06	3.4
DD026399		0.28	79.8	2060	12.3	8.1	0.020	0.07	4.34	3.1	4.7	0.4	44.8	<0.01	0.07	2.0
DD026400		0.29	37.5	600	24.8	7.4	0.002	0.04	0.82	5.2	1.1	0.5	39.0	<0.01	0.05	3.7
DD026401		0.26	33.9	600	16.4	9.4	0.003	0.08	0.84	4.7	1.7	0.4	55.8	<0.01	0.06	1.4
DD026402		0.41	28.3	540	20.8	10.5	<0.001	0.06	0.40	5.2	0.9	0.5	43.0	<0.01	0.04	3.0
DD026403		0.44	33.6	530	20.0	10.4	<0.001	0.03	0.43	6.2	1.0	0.6	34.7	<0.01	0.05	3.8
DD026404		0.48	23.3	600	15.4	12.4	<0.001	0.07	0.48	2.6	1.3	0.4	47.1	<0.01	0.03	1.1
DD026405		0.54	23.5	590	14.8	11.7	<0.001	0.06	0.45	4.0	1.1	0.5	46.9	<0.01	0.03	1.6
DD026406		0.61	27.9	700	18.4	12.0	<0.001	0.06	0.56	4.6	1.1	0.5	47.1	<0.01	0.05	1.9
DD026407		0.38	27.1	750	18.6	10.0	<0.001	0.07	0.46	5.0	1.0	0.5	55.6	<0.01	0.05	1.9
DD026408		0.20	35.6	670	11.4	6.0	0.001	0.05	0.86	4.2	1.8	0.3	32.3	<0.01	0.08	1.5
DD026409		0.10	30.1	740	9.8	5.3	0.002	0.05	0.81	3.4	2.1	0.3	30.9	<0.01	0.10	1.0
DD026410		0.12	29.9	720	9.0	5.6	0.004	0.10	1.02	3.8	2.9	0.3	72.2	<0.01	0.10	1.4
DD026411		0.19	21.3	890	12.6	7.4	0.004	0.06	0.83	3.5	2.7	0.4	47.8	<0.01	0.09	2.1

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD026372		0.006	0.14	1.48	59	0.07	22.3	158	1.5
DD026373		0.005	0.25	2.74	47	0.07	30.3	246	2.1
DD026374		<0.005	0.15	2.19	51	0.05	25.7	238	2.5
DD026375		<0.005	0.15	3.17	40	0.06	26.2	147	2.0
DD026376		<0.005	0.14	1.02	66	0.11	4.49	160	0.6
DD026377		<0.005	0.13	3.87	66	0.07	32.9	247	2.4
DD026378		0.006	0.19	1.64	82	0.09	22.7	231	0.7
DD026379		<0.005	0.15	4.62	52	0.06	19.15	211	3.6
DD026380		0.005	0.29	6.12	74	0.18	14.20	125	0.7
DD026381		<0.005	2.36	14.10	213	0.62	23.7	537	1.0
DD026382		<0.005	0.25	2.87	65	0.07	16.25	236	1.5
DD026383		<0.005	0.13	2.32	58	0.05	18.85	190	2.0
DD026384		<0.005	0.15	2.17	56	0.05	15.85	175	1.8
DD026385		0.006	0.28	1.84	91	0.10	12.50	205	0.6
DD026386		0.007	0.24	2.05	83	0.10	11.15	158	0.8
DD026387		<0.005	0.46	3.21	102	0.09	21.8	158	1.4
DD026388		0.006	0.31	2.27	49	<0.05	5.61	54	1.0
DD026389		0.005	0.35	1.28	82	0.08	10.50	144	0.8
DD026390		<0.005	0.31	1.44	71	0.08	17.95	177	1.1
DD026391		0.008	0.22	1.16	98	0.08	11.40	137	1.8
DD026392		<0.005	0.34	1.68	99	0.08	11.70	159	1.7
DD026393		0.005	0.32	1.31	100	0.08	10.45	141	1.4
DD026394		0.006	0.27	0.97	54	0.11	5.55	71	<0.5
DD026395		0.008	0.65	4.40	402	0.14	25.6	1170	1.9
DD026396		0.016	0.64	0.69	141	0.25	2.51	76	1.7
DD026397		0.016	0.63	2.63	163	0.31	8.77	401	<0.5
DD026398		0.006	0.55	2.80	304	0.10	13.05	1220	2.6
DD026399		0.006	0.25	4.22	396	0.13	26.3	886	2.1
DD026400		0.007	0.10	1.16	39	0.06	9.73	152	2.8
DD026401		0.005	0.11	2.93	39	<0.05	11.30	124	1.9
DD026402		0.006	0.11	1.17	27	0.14	10.55	98	2.5
DD026403		0.007	0.12	0.92	36	0.09	10.65	114	2.7
DD026404		0.013	0.10	2.03	25	0.10	6.76	107	0.8
DD026405		0.011	0.10	1.64	28	0.13	13.30	80	1.4
DD026406		0.012	0.12	1.89	33	0.12	12.45	108	1.9
DD026407		0.007	0.09	2.52	31	0.07	9.69	113	2.0
DD026408		0.005	0.12	1.13	43	0.05	22.6	130	1.5
DD026409		<0.005	0.09	2.98	40	<0.05	18.15	112	1.6
DD026410		<0.005	0.08	3.11	38	<0.05	16.15	104	2.4
DD026411		<0.005	0.11	2.44	64	0.11	11.90	86	1.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 15-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD026412		0.24	0.005	1.68	0.51	15.4	<0.2	10	1170	0.51	0.17	1.06	0.91	7.32	5.3	22
DD026413		0.14	0.004	1.20	0.55	12.9	<0.2	10	1370	0.37	0.13	1.04	0.40	6.10	3.1	23
DD026414		0.15	0.004	1.38	0.73	16.9	<0.2	10	1630	0.62	0.21	0.52	0.53	9.93	5.2	24
DD026415		0.20	0.005	1.01	0.63	11.0	<0.2	10	2090	0.61	0.20	0.55	0.44	7.30	6.5	19
DD026416		0.25	0.003	0.93	1.05	10.3	<0.2	<10	2310	0.47	0.23	0.25	0.64	14.70	3.5	22
DD026417		0.35	0.007	1.54	0.68	18.7	<0.2	10	1300	0.68	0.22	0.45	2.08	12.15	9.7	25
DD026418		0.19	0.004	1.26	0.73	19.4	<0.2	10	3330	0.48	0.22	0.47	0.85	9.50	8.1	27
DD026419		0.20	0.005	1.61	0.48	5.6	<0.2	<10	2300	0.20	0.20	0.15	0.17	8.59	1.1	17
DD026420		0.18	0.008	0.68	1.27	17.9	<0.2	<10	1090	0.53	0.25	0.12	0.42	13.10	10.0	30
DD026421		0.17	0.002	0.48	1.24	12.3	<0.2	<10	140	0.33	0.29	0.04	0.25	17.00	4.7	20
DD026422		0.24	0.009	1.91	1.06	7.0	<0.2	<10	440	0.55	0.29	0.14	1.09	17.55	11.2	16
DD026423		0.34	0.004	0.49	0.96	6.9	<0.2	<10	380	0.45	0.27	0.14	0.56	13.80	10.6	16
DD026424		0.22	0.008	1.91	0.88	27.3	<0.2	10	3540	0.74	0.24	0.26	3.55	12.85	8.0	29
DD026425		0.15	0.009	1.88	0.73	18.9	<0.2	<10	3130	0.70	0.22	0.42	4.78	11.35	16.3	24
DD026426		0.13	0.010	0.97	1.00	14.3	<0.2	<10	1800	0.65	0.24	0.43	1.66	14.55	8.2	23
DD026427		0.33	0.001	0.37	1.37	10.9	<0.2	<10	620	0.94	0.25	0.92	1.78	21.3	13.8	25
DD026428		0.17	0.006	2.84	0.75	22.9	<0.2	<10	300	0.98	0.21	2.63	16.80	32.5	8.0	64
DD026429		0.13	0.011	3.35	0.72	20.3	<0.2	10	210	0.92	0.17	8.06	5.27	28.3	6.3	96
DD026430		0.18	0.005	2.54	0.57	14	<0.2	<10	220	0.65	0.12	16.65	1.19	36.7	4.6	71
DD026431		0.28	0.001	0.05	2.03	13.5	<0.2	<10	260	0.82	0.31	0.12	1.42	29.7	15.1	31
DD026432		0.29	0.002	0.06	2.28	19.9	<0.2	<10	300	0.99	0.33	0.21	1.35	32.1	17.1	41
DD026433		0.34	0.001	0.15	1.91	13.9	<0.2	<10	270	0.82	0.30	0.13	2.87	33.4	11.6	34
DD026434		0.29	0.001	0.10	1.65	13.6	<0.2	<10	320	0.81	0.29	0.14	0.91	29.8	15.0	28
DD026435		0.31	0.004	1.33	0.80	22.9	<0.2	10	360	0.96	0.18	9.74	12.35	26.6	6.0	47
DD026436		0.11	0.003	0.86	1.20	8.6	<0.2	<10	760	0.76	0.19	2.89	5.09	18.85	9.5	28
DD026437		0.24	0.003	1.05	1.50	18.6	<0.2	<10	620	1.06	0.24	1.86	20.6	29.4	12.4	43
DD026438		0.30	0.003	0.33	1.97	11.9	<0.2	<10	910	1.09	0.30	1.18	1.71	27.8	18.2	31
DD026439		0.31	0.003	0.29	2.01	11.4	<0.2	<10	390	1.09	0.29	1.11	1.16	26.8	17.2	31
DD026440		0.10	0.001	0.16	1.98	8.4	<0.2	10	600	0.92	0.25	1.26	0.97	26.9	16.7	29
DD026441		0.22	0.004	0.18	2.07	9.5	<0.2	10	680	1.03	0.28	2.53	0.92	28.3	18.5	30
DD026442		0.15	0.006	0.30	1.44	9.9	<0.2	<10	2090	0.84	0.25	1.00	0.68	23.8	10.8	24
DD026443		0.36	0.006	0.14	1.81	12.0	<0.2	<10	450	0.87	0.27	0.33	0.35	33.9	14.2	30
DD026444		0.16	0.002	0.61	1.97	14.9	<0.2	<10	360	0.82	0.27	1.82	0.63	38.6	7.5	65
DD026445		0.28	0.005	2.29	0.47	23	<0.2	10	150	1.04	0.17	12.25	23.1	28.5	5.2	60
DD026446		0.36	0.004	0.79	1.91	15.0	<0.2	10	200	0.97	0.25	2.19	9.28	35.3	17.9	44
DD026447		0.27	0.003	0.21	2.21	11.1	<0.2	10	230	0.98	0.26	1.24	1.34	28.0	17.2	33
DD026448		0.20	0.003	0.16	1.59	11.1	<0.2	<10	520	0.80	0.28	1.01	0.32	21.5	11.0	26
DD026449		0.29	0.003	0.19	1.51	26.0	<0.2	<10	330	1.37	0.41	0.58	0.29	18.30	16.5	28
DD026450		0.29	0.003	0.21	1.94	10.8	<0.2	<10	580	0.91	0.28	0.63	0.28	34.9	15.4	31
DD026451		0.35	0.002	0.37	1.77	22.2	<0.2	10	1300	1.17	0.25	0.14	0.68	23.3	13.4	41

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD026412		0.50	50.8	1.94	1.47	0.05	0.04	0.16	0.027	0.08	3.9	3.7	0.11	105	3.80	<0.01
DD026413		0.52	25.3	1.57	1.58	<0.05	0.03	0.12	0.020	0.06	3.5	3.2	0.09	106	2.76	<0.01
DD026414		0.66	44.2	2.49	2.36	<0.05	0.02	0.14	0.038	0.07	5.1	5.2	0.09	67	6.14	<0.01
DD026415		0.87	57.7	2.28	1.69	<0.05	0.02	0.22	0.039	0.08	3.7	5.0	0.05	97	3.72	<0.01
DD026416		0.82	26.1	2.03	3.51	<0.05	<0.02	0.17	0.031	0.08	7.5	10.1	0.19	53	3.55	<0.01
DD026417		1.02	64.8	2.75	2.25	0.06	0.02	0.17	0.041	0.13	5.9	7.5	0.13	307	8.92	<0.01
DD026418		0.99	42.2	2.60	2.26	0.05	0.03	0.21	0.039	0.09	5.2	6.2	0.10	212	7.82	0.01
DD026419		0.97	33.2	1.04	1.83	<0.05	0.02	0.23	0.033	0.06	5.1	2.5	0.05	14	2.71	0.01
DD026420		1.44	37.2	3.38	4.27	<0.05	0.02	0.05	0.047	0.09	6.1	13.4	0.19	339	7.08	0.01
DD026421		1.75	47.3	2.94	5.91	<0.05	<0.02	0.06	0.035	0.08	8.5	7.1	0.14	159	3.18	0.01
DD026422		1.73	64.4	1.94	3.06	0.05	0.02	0.36	0.038	0.13	7.0	12.3	0.18	263	2.90	0.01
DD026423		1.36	30.2	1.93	3.33	<0.05	<0.02	0.12	0.030	0.12	6.6	9.1	0.18	357	3.02	0.01
DD026424		0.71	74.4	2.95	2.28	0.05	0.04	0.24	0.044	0.09	6.4	6.8	0.10	78	11.25	<0.01
DD026425		0.85	79.1	2.62	2.02	0.06	0.04	0.29	0.040	0.09	5.9	5.9	0.10	852	10.60	<0.01
DD026426		0.96	49.4	2.76	3.22	<0.05	0.03	0.21	0.037	0.09	7.1	10.7	0.21	199	9.61	<0.01
DD026427		1.01	45.4	3.22	4.45	<0.05	0.06	0.11	0.035	0.13	10.2	23.4	0.52	697	5.33	0.01
DD026428		0.93	88.0	1.99	3.26	0.08	0.04	0.44	0.030	0.09	29.4	7.9	0.82	189	24.9	0.01
DD026429		0.86	81.0	1.70	3.33	0.09	0.03	0.63	0.027	0.08	29.6	5.8	2.63	137	15.95	0.01
DD026430		0.70	41.3	1.21	2.39	0.08	0.02	0.34	0.018	0.04	43.6	3.8	1.83	99	4.21	0.02
DD026431		1.40	28.1	3.83	6.52	<0.05	0.05	0.02	0.039	0.09	13.5	28.7	0.49	642	3.89	0.01
DD026432		1.51	39.6	4.24	7.23	0.05	0.04	0.04	0.043	0.09	16.5	30.3	0.57	520	9.81	0.01
DD026433		1.40	31.6	3.44	6.62	0.05	0.05	0.04	0.034	0.08	17.3	26.6	0.44	407	8.50	0.01
DD026434		1.15	28.8	3.69	5.86	<0.05	0.02	0.03	0.034	0.08	13.9	26.7	0.48	562	4.63	0.01
DD026435		0.77	97.7	1.85	3.44	0.07	0.04	0.32	0.030	0.10	21.0	8.3	4.97	153	32.5	0.02
DD026436		0.73	45.4	2.27	3.68	<0.05	0.05	0.20	0.030	0.08	12.8	13.6	0.48	500	4.69	0.01
DD026437		1.06	87.9	2.93	5.06	0.08	0.05	0.25	0.035	0.13	25.4	21.5	0.58	376	9.03	0.01
DD026438		1.28	77.8	4.37	6.30	0.06	0.09	0.13	0.045	0.16	13.3	31.8	1.01	837	4.27	0.01
DD026439		1.31	69.6	4.06	6.27	0.06	0.09	0.13	0.042	0.16	12.5	32.5	0.88	736	4.14	0.01
DD026440		0.98	62.9	3.94	6.24	0.05	0.07	0.09	0.040	0.14	12.7	32.0	0.90	641	3.01	0.01
DD026441		1.56	75.6	4.30	6.59	0.05	0.08	0.09	0.043	0.19	13.0	33.4	1.17	760	1.97	0.01
DD026442		0.84	38.0	2.72	4.52	<0.05	0.05	0.08	0.033	0.10	11.1	18.2	0.41	394	3.60	0.01
DD026443		1.38	32.4	3.22	5.70	<0.05	0.02	0.04	0.036	0.08	15.3	23.9	0.53	582	2.40	0.01
DD026444		1.36	28.3	2.61	6.46	0.06	0.03	0.10	0.033	0.07	27.5	14.6	0.31	235	2.99	0.01
DD026445		0.72	131.5	1.45	2.60	0.08	0.06	0.61	0.028	0.10	22.0	5.1	4.78	123	43.7	0.02
DD026446		0.94	90.0	4.18	6.10	0.07	0.06	0.24	0.044	0.12	20.7	29.4	1.37	713	8.82	0.01
DD026447		1.15	86.5	4.45	6.58	0.06	0.06	0.15	0.043	0.14	14.6	31.5	1.00	532	7.42	0.01
DD026448		1.65	25.1	2.52	5.20	<0.05	0.04	0.10	0.031	0.08	10.2	22.7	0.46	448	4.91	0.01
DD026449		3.73	55.9	4.07	4.95	0.05	0.06	0.09	0.039	0.11	9.6	29.1	0.62	974	12.70	0.01
DD026450		1.14	49.1	3.88	6.19	0.06	0.06	0.09	0.040	0.10	16.8	33.4	0.78	652	6.77	0.01
DD026451		1.29	49.1	3.97	3.92	0.06	0.05	0.07	0.048	0.10	11.4	26.3	0.26	343	4.45	0.01

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Project: Nadaleen

Finalized Date: 15-SEP-2013
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CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD026412		0.08	68.8	1530	9.6	6.1	0.010	0.10	1.45	3.8	5.8	0.3	114.5	<0.01	0.17	1.5
DD026413		0.09	27.2	1330	7.8	6.4	0.006	0.08	0.80	2.7	3.6	0.3	100.5	<0.01	0.13	1.5
DD026414		0.18	44.6	980	13.5	8.6	0.002	0.06	1.32	4.3	5.0	0.4	63.4	<0.01	0.14	1.9
DD026415		0.09	74.1	650	12.8	7.8	0.009	0.05	1.10	6.5	4.5	0.4	82.4	<0.01	0.10	1.7
DD026416		0.36	20.3	860	15.3	10.4	0.003	0.07	1.13	3.7	3.1	0.5	49.1	<0.01	0.07	2.6
DD026417		0.12	64.9	1290	15.0	8.9	0.005	0.21	2.16	6.0	8.0	0.4	170.0	<0.01	0.10	2.3
DD026418		0.12	51.7	1260	16.0	9.4	0.011	0.10	1.52	4.1	5.6	0.4	141.0	<0.01	0.07	1.8
DD026419		0.21	11.5	830	11.4	7.6	0.008	0.10	0.72	2.6	3.7	0.4	55.7	<0.01	0.07	1.1
DD026420		0.38	39.4	1460	20.3	10.8	0.001	0.07	2.78	2.6	3.5	0.6	39.9	<0.01	0.08	3.0
DD026421		0.80	15.5	700	15.8	13.4	<0.001	0.02	1.37	1.8	1.2	0.8	7.8	<0.01	0.07	2.1
DD026422		0.26	32.3	830	18.9	14.0	0.001	0.03	1.33	3.6	3.0	0.5	18.2	<0.01	0.07	3.3
DD026423		0.34	17.6	620	16.4	13.3	0.001	0.01	1.27	2.2	1.8	0.5	13.7	<0.01	0.06	3.0
DD026424		0.16	70.9	1330	16.5	9.4	0.011	0.09	2.61	5.5	7.8	0.5	80.6	<0.01	0.11	2.4
DD026425		0.12	80.6	1250	16.8	9.0	0.013	0.09	2.64	4.9	9.6	0.4	108.0	<0.01	0.10	2.3
DD026426		0.27	41.0	980	18.0	10.5	0.007	0.06	2.78	4.1	5.4	0.5	60.8	<0.01	0.08	2.9
DD026427		0.30	48.0	740	19.1	9.9	0.002	0.03	2.23	5.1	2.2	0.5	44.5	<0.01	0.06	3.6
DD026428		0.18	157.0	880	16.2	8.0	0.003	0.06	11.45	5.1	8.0	0.7	40.4	<0.01	0.14	2.3
DD026429		0.17	168.0	2050	12.6	6.7	0.004	0.07	7.16	3.1	9.2	0.7	94.6	<0.01	0.11	1.2
DD026430		0.23	85.6	1080	8.0	3.9	0.001	0.05	3.58	2.4	5.6	0.5	255	<0.01	0.07	0.9
DD026431		0.59	39.7	270	23.2	15.6	<0.001	<0.01	1.33	3.6	1.0	0.7	11.0	<0.01	0.05	5.3
DD026432		0.57	69.1	730	21.9	14.0	<0.001	<0.01	2.41	4.7	1.7	0.8	17.0	<0.01	0.06	5.5
DD026433		0.70	43.0	270	20.2	12.5	<0.001	<0.01	2.57	3.7	1.7	0.8	12.8	<0.01	0.07	5.5
DD026434		0.48	33.9	380	21.2	12.8	<0.001	<0.01	1.59	3.4	1.2	0.6	13.3	<0.01	0.06	4.8
DD026435		0.24	132.0	910	16.0	7.5	0.005	0.04	10.40	4.9	6.2	0.7	70.0	<0.01	0.11	2.9
DD026436		0.31	56.2	770	13.7	6.9	0.001	0.08	2.37	2.9	3.8	0.4	46.6	<0.01	0.05	1.0
DD026437		0.30	97.1	1200	18.6	10.3	0.007	0.04	8.10	6.7	6.2	0.5	44.2	<0.01	0.10	2.5
DD026438		0.28	50.8	660	22.1	10.0	0.001	0.03	1.73	8.0	1.5	0.5	40.2	<0.01	0.08	4.6
DD026439		0.32	50.4	650	19.6	10.1	0.003	0.03	1.64	7.2	1.9	0.6	39.5	<0.01	0.07	4.4
DD026440		0.30	41.4	630	18.4	9.6	0.002	0.04	1.07	6.7	1.8	0.5	40.2	<0.01	0.07	3.5
DD026441		0.29	44.0	650	19.0	10.8	0.001	0.03	0.89	7.4	0.9	0.5	83.8	<0.01	0.08	4.1
DD026442		0.40	34.9	770	16.9	11.7	<0.001	0.04	1.34	4.3	1.9	0.5	45.2	<0.01	0.05	2.8
DD026443		0.84	31.8	690	19.4	12.4	<0.001	<0.01	1.12	3.7	1.0	0.6	20.4	<0.01	0.05	5.0
DD026444		0.96	62.1	3560	15.5	12.3	0.001	0.02	2.18	3.4	1.9	0.8	40.3	<0.01	0.05	2.7
DD026445		0.17	213	2040	16.2	7.1	0.009	0.04	20.4	4.3	8.6	0.8	159.0	<0.01	0.16	3.1
DD026446		0.19	141.0	1000	19.1	8.2	0.001	0.03	4.26	7.2	2.7	0.5	45.8	<0.01	0.11	3.0
DD026447		0.28	75.9	770	17.4	9.7	0.002	0.04	2.50	8.0	2.4	0.5	32.2	<0.01	0.09	2.2
DD026448		0.86	27.9	560	17.0	12.5	0.001	0.04	0.53	3.7	1.0	0.6	30.7	<0.01	0.04	2.5
DD026449		0.51	73.8	580	32.1	11.8	<0.001	0.02	1.04	6.7	1.2	0.7	22.2	<0.01	0.06	5.2
DD026450		0.70	38.9	530	18.9	10.3	<0.001	0.02	0.65	7.0	0.9	0.6	29.9	<0.01	0.04	4.8
DD026451		0.19	79.4	1030	18.2	12.6	0.001	0.07	1.34	5.5	4.4	0.5	71.5	<0.01	0.11	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD026412		<0.005	0.12	3.02	45	<0.05	20.8	198	1.8
DD026413		<0.005	0.09	2.04	49	<0.05	14.70	114	1.4
DD026414		<0.005	0.15	2.40	60	0.08	17.90	141	1.0
DD026415		<0.005	0.12	3.02	43	<0.05	22.9	210	1.3
DD026416		0.005	0.24	1.89	63	0.09	8.85	80	0.8
DD026417		<0.005	0.25	3.51	56	0.06	21.8	216	1.4
DD026418		<0.005	0.24	3.30	63	0.06	17.50	200	1.1
DD026419		<0.005	0.25	2.62	24	0.06	6.63	28	0.6
DD026420		0.006	0.45	1.44	92	0.12	5.85	220	0.9
DD026421		0.016	0.31	1.02	83	0.20	2.73	108	<0.5
DD026422		0.005	0.45	2.54	46	0.06	15.15	154	0.5
DD026423		0.007	0.29	1.13	48	0.07	5.90	102	<0.5
DD026424		<0.005	0.30	5.03	82	0.09	26.9	281	1.4
DD026425		<0.005	0.34	5.04	68	0.09	25.0	351	1.6
DD026426		<0.005	0.34	2.68	81	0.10	14.70	183	1.1
DD026427		0.006	0.22	1.92	74	0.09	12.15	231	2.5
DD026428		0.005	0.78	3.20	480	0.23	44.1	1120	1.8
DD026429		<0.005	0.35	4.45	269	0.26	35.9	820	1.4
DD026430		0.006	0.41	3.50	123	0.29	46.7	241	0.7
DD026431		0.010	0.23	0.69	98	0.14	5.04	163	2.3
DD026432		0.010	0.29	1.69	130	0.17	9.37	319	1.6
DD026433		0.014	0.35	1.16	230	0.20	7.90	227	2.4
DD026434		0.009	0.21	0.94	104	0.11	6.60	166	1.2
DD026435		0.006	0.61	5.13	507	0.23	31.6	770	2.5
DD026436		0.005	0.26	4.56	120	0.09	15.65	255	1.7
DD026437		0.006	0.73	5.85	451	0.14	37.7	1050	2.2
DD026438		0.006	0.22	1.10	95	0.06	13.70	222	3.5
DD026439		0.006	0.21	2.38	103	0.07	11.05	205	3.7
DD026440		0.007	0.12	1.14	67	0.05	10.25	157	2.8
DD026441		0.007	0.15	1.12	61	0.05	11.05	147	3.5
DD026442		0.006	0.18	1.58	70	0.10	10.65	133	1.7
DD026443		0.023	0.20	1.17	66	0.26	6.46	137	0.7
DD026444		0.021	0.24	4.20	113	0.35	22.6	204	1.0
DD026445		0.006	0.68	8.52	559	0.38	34.7	1260	5.3
DD026446		0.006	0.35	2.30	208	0.11	23.2	559	2.3
DD026447		0.008	0.15	3.81	104	0.07	16.35	292	1.9
DD026448		0.016	0.14	5.23	41	0.24	6.38	105	1.1
DD026449		0.011	0.25	4.30	40	0.19	12.20	180	2.4
DD026450		0.019	0.12	1.75	53	0.14	12.05	105	2.0
DD026451		<0.005	0.22	2.23	82	0.05	20.0	192	2.3

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD026452		0.22	0.001	0.17	0.91	10.7	<0.2	<10	770	0.18	0.23	0.25	0.28	14.55	3.0	21
DD026453		0.20	0.003	0.63	1.24	15.3	<0.2	10	2420	0.74	0.22	0.77	0.35	15.10	8.8	29
DD026454		0.15	0.002	0.43	1.42	22.8	<0.2	<10	1150	0.91	0.22	1.75	1.90	19.65	7.1	33
DD026455		0.13	0.002	0.68	0.82	14.7	<0.2	10	1130	0.60	0.16	2.85	0.89	9.56	4.4	20
DD026456		0.14	0.002	0.70	0.83	18.4	<0.2	10	1330	0.65	0.16	2.41	0.70	10.45	5.6	23
DD026457		0.12	0.002	0.63	0.76	12.7	<0.2	10	1680	0.52	0.14	3.05	0.63	10.05	5.2	19
DD026458		0.25	0.004	0.69	0.96	17.5	<0.2	10	1900	0.64	0.18	1.21	0.51	13.25	7.4	24
DD026459		0.17	0.003	0.70	0.93	13.6	<0.2	<10	1150	0.63	0.18	1.70	0.63	13.80	7.1	22
DD026460		0.29	0.004	0.73	0.86	12.9	<0.2	<10	820	0.58	0.20	1.21	0.66	14.70	7.3	22
DD026461		0.12	0.002	0.47	0.77	10.8	<0.2	10	900	0.47	0.16	2.38	0.81	11.55	6.3	17
DD026462		0.18	0.002	0.59	0.78	11.5	<0.2	10	640	0.50	0.14	2.18	0.66	10.20	5.8	19
DD026463		0.13	0.002	0.45	0.64	11.5	<0.2	10	450	0.43	0.14	2.23	0.98	11.10	6.9	17
DD026464		0.17	0.001	0.54	0.75	9.9	<0.2	10	500	0.46	0.14	2.44	0.55	9.40	6.0	19
DD026465		0.10	0.002	0.78	0.91	6.5	<0.2	10	1470	0.66	0.18	2.15	0.57	9.26	5.1	23
DD026466		0.11	<0.001	0.61	0.74	9.7	<0.2	10	1270	0.54	0.15	2.24	0.58	8.40	5.9	19
DD026467		0.12	0.003	0.71	0.71	10.3	<0.2	10	1380	0.53	0.15	1.84	0.60	8.03	6.2	20
DD026468		0.13	0.003	0.70	0.71	14.8	<0.2	10	1390	0.62	0.17	1.39	0.56	10.90	7.4	20
DD026469		0.17	0.004	0.81	0.76	14.9	<0.2	10	2000	0.64	0.16	1.24	0.60	13.25	6.3	21
DD026470		0.19	0.004	0.90	0.79	14.7	<0.2	10	1660	0.59	0.18	1.42	0.71	12.65	6.7	21
DD026471		0.11	0.005	0.75	0.72	11.5	<0.2	10	2150	0.60	0.14	2.27	0.74	8.52	4.9	17
DD026472		0.13	0.003	0.58	0.73	13.6	<0.2	10	1190	0.45	0.15	1.80	0.55	11.10	6.5	17
DD026473		0.13	0.005	0.70	0.98	13.3	<0.2	10	1410	0.62	0.18	1.93	0.56	12.40	7.5	20
DD026474		0.16	0.003	0.73	1.05	18.2	<0.2	10	1400	0.65	0.18	1.55	0.57	13.05	8.6	22
DD026475		0.13	0.005	0.82	0.92	12.8	<0.2	10	1500	0.60	0.14	2.46	1.13	10.65	6.2	20
DD026476		0.08	0.004	0.78	0.78	11.5	<0.2	10	1550	0.48	0.13	3.02	1.04	10.45	5.6	18
DD026477		0.23	0.005	0.73	1.48	14.6	<0.2	<10	2500	0.81	0.20	0.72	0.38	15.40	6.6	31
DD026478		0.23	0.002	0.20	1.76	10.1	<0.2	<10	1670	0.54	0.26	0.20	0.29	22.7	6.3	29
DD026479		0.33	0.003	0.65	1.04	17.3	<0.2	<10	1550	0.62	0.21	0.50	0.53	16.65	7.9	23
DD026480		0.12	0.003	0.46	1.03	15.8	<0.2	<10	1080	0.59	0.19	1.63	0.44	14.20	7.8	20
DD026481		0.32	0.003	0.80	2.08	15.0	<0.2	<10	1870	1.18	0.25	0.26	0.46	28.7	12.3	30
DD026482		0.29	0.001	0.20	2.14	14.2	<0.2	<10	860	0.90	0.28	0.34	0.46	23.9	14.0	31
DD026483		0.29	0.002	0.48	1.76	16.7	<0.2	<10	1650	0.84	0.27	0.49	0.54	21.5	10.8	36
DD026484		0.17	0.002	0.52	1.65	18.1	<0.2	<10	1880	1.03	0.22	1.12	0.40	19.70	8.2	37
DD026485		0.15	0.003	0.52	1.08	17.8	<0.2	10	1020	0.62	0.21	3.60	1.58	14.20	6.0	26
DD026486		0.13	0.002	0.37	1.07	16.3	<0.2	10	980	0.58	0.20	4.22	1.64	16.65	7.2	32
DD026487		0.15	0.004	0.48	1.11	14.8	<0.2	10	1070	0.70	0.18	2.86	1.06	15.00	7.3	26
DD026488		0.18	0.002	0.56	0.83	11.3	<0.2	10	1450	0.57	0.17	3.08	0.68	11.55	6.6	19
DD026489		0.24	0.003	0.65	0.85	11.4	<0.2	10	1740	0.60	0.17	2.37	0.63	12.15	6.3	20
DD026490		0.20	0.003	0.82	0.70	13.1	<0.2	10	1610	0.51	0.17	2.17	0.66	9.39	6.0	19
DD026491		0.16	0.004	1.27	0.92	9.9	<0.2	<10	2890	0.54	0.19	0.75	1.03	11.35	6.6	25

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD026452		0.73	14.2	1.62	4.55	<0.05	<0.02	0.02	0.021	0.06	7.4	4.0	0.09	124	2.51	0.01
DD026453		0.65	32.4	2.72	3.78	<0.05	0.05	0.09	0.039	0.08	7.7	12.5	0.27	265	2.76	<0.01
DD026454		0.97	21.2	2.49	3.76	0.05	0.04	0.09	0.035	0.07	18.1	8.2	0.18	287	1.21	<0.01
DD026455		0.43	26.2	1.68	2.18	<0.05	0.03	0.12	0.023	0.05	8.8	5.0	0.12	141	1.46	<0.01
DD026456		0.53	28.7	1.80	2.18	<0.05	0.04	0.16	0.027	0.06	8.3	6.0	0.12	208	1.47	<0.01
DD026457		0.39	27.7	1.60	2.00	<0.05	0.04	0.14	0.020	0.05	6.5	5.8	0.15	561	0.94	<0.01
DD026458		0.53	34.4	2.10	2.71	<0.05	0.04	0.16	0.030	0.06	7.5	9.1	0.21	250	2.40	<0.01
DD026459		0.62	31.6	1.95	2.58	<0.05	0.04	0.13	0.027	0.06	7.9	9.1	0.20	230	1.72	<0.01
DD026460		0.74	24.9	2.02	2.32	<0.05	0.04	0.16	0.029	0.07	11.0	10.2	0.22	177	1.66	<0.01
DD026461		0.51	27.0	1.62	2.15	<0.05	0.04	0.22	0.038	0.06	6.5	9.1	0.19	332	1.13	<0.01
DD026462		0.51	29.6	1.87	2.08	<0.05	0.04	0.21	0.027	0.06	6.1	10.6	0.32	204	1.18	<0.01
DD026463		0.49	22.6	1.82	1.59	<0.05	0.03	0.31	0.022	0.05	8.3	9.5	0.21	215	2.05	<0.01
DD026464		0.52	25.0	1.71	1.92	<0.05	0.04	0.21	0.023	0.06	7.7	12.5	0.24	195	1.07	<0.01
DD026465		0.68	35.8	1.38	2.26	<0.05	0.06	0.25	0.028	0.06	5.7	9.6	0.17	182	0.83	<0.01
DD026466		0.50	29.9	1.66	1.86	<0.05	0.04	0.17	0.026	0.06	5.3	8.3	0.15	255	1.26	<0.01
DD026467		0.56	32.9	1.77	1.79	<0.05	0.05	0.15	0.026	0.07	4.6	8.9	0.18	252	1.61	<0.01
DD026468		0.44	31.5	1.98	1.96	<0.05	0.05	0.14	0.026	0.07	5.9	8.4	0.17	278	2.11	<0.01
DD026469		0.52	32.2	1.77	2.07	0.05	0.04	0.18	0.026	0.06	7.7	7.7	0.17	245	1.85	<0.01
DD026470		0.50	35.3	1.96	2.16	<0.05	0.04	0.21	0.027	0.07	7.5	9.1	0.19	215	1.89	<0.01
DD026471		0.43	32.1	1.51	1.86	<0.05	0.04	0.16	0.023	0.04	5.0	5.5	0.12	197	1.31	<0.01
DD026472		0.40	24.5	1.88	1.99	<0.05	0.04	0.13	0.025	0.07	6.1	8.7	0.24	223	1.29	<0.01
DD026473		0.53	37.2	1.96	2.62	<0.05	0.05	0.14	0.025	0.07	7.3	12.0	0.23	272	1.41	<0.01
DD026474		0.49	34.1	2.43	2.80	<0.05	0.05	0.14	0.028	0.06	7.5	12.6	0.26	230	1.54	<0.01
DD026475		0.62	27.0	1.63	2.14	<0.05	0.05	0.17	0.024	0.06	8.3	8.2	0.15	362	1.00	<0.01
DD026476		0.73	29.0	1.37	1.79	0.05	0.04	0.19	0.022	0.05	9.6	6.9	0.13	299	0.78	<0.01
DD026477		0.58	23.6	2.49	3.74	<0.05	0.05	0.09	0.035	0.05	9.9	12.9	0.21	157	3.23	<0.01
DD026478		1.04	16.2	2.44	5.96	<0.05	0.04	0.04	0.033	0.05	11.9	14.9	0.27	186	1.54	<0.01
DD026479		0.84	28.2	2.44	2.76	0.05	0.04	0.57	0.030	0.07	10.6	10.0	0.18	188	2.84	<0.01
DD026480		0.76	24.3	2.04	2.73	<0.05	0.05	0.13	0.026	0.05	13.0	8.7	0.19	309	1.55	<0.01
DD026481		1.22	35.7	3.31	4.65	0.05	0.09	0.10	0.036	0.08	13.8	27.2	0.40	275	2.30	<0.01
DD026482		1.52	30.5	3.91	5.02	<0.05	0.06	0.04	0.036	0.09	10.9	44.2	0.53	310	1.92	<0.01
DD026483		1.57	32.1	3.26	4.64	<0.05	0.07	0.08	0.037	0.09	10.8	18.5	0.37	769	2.76	<0.01
DD026484		0.85	30.9	2.96	3.94	<0.05	0.07	0.09	0.039	0.07	13.6	14.3	0.30	169	2.51	<0.01
DD026485		0.61	24.3	2.05	2.77	0.05	0.04	0.10	0.030	0.07	16.4	6.9	0.20	288	1.18	<0.01
DD026486		0.57	19.3	2.01	2.73	0.06	0.04	0.08	0.029	0.06	19.0	5.8	0.20	425	0.97	<0.01
DD026487		0.56	26.3	1.99	2.97	<0.05	0.04	0.11	0.028	0.07	13.0	8.1	0.22	357	1.11	<0.01
DD026488		0.36	34.5	1.82	2.12	<0.05	0.04	0.11	0.024	0.06	8.5	8.4	0.23	257	0.90	<0.01
DD026489		0.43	37.4	1.85	2.27	<0.05	0.05	0.14	0.027	0.07	8.1	8.9	0.29	221	1.17	<0.01
DD026490		0.60	32.4	1.94	1.92	<0.05	0.04	0.19	0.026	0.07	5.5	7.3	0.22	168	1.88	<0.01
DD026491		0.67	32.1	2.04	2.41	<0.05	0.03	0.16	0.028	0.07	5.5	7.4	0.17	334	3.38	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD026452		0.45	16.8	280	14.3	9.0	<0.001	0.03	0.60	1.7	1.4	0.6	22.6	<0.01	0.07	1.9
DD026453		0.29	41.0	630	15.5	9.1	<0.001	0.03	0.93	4.5	2.7	0.5	43.5	<0.01	0.08	2.4
DD026454		0.50	34.8	620	13.6	8.7	<0.001	0.05	0.70	3.5	1.9	0.5	23.8	<0.01	0.08	0.9
DD026455		0.26	32.3	770	8.8	5.5	<0.001	0.08	0.84	1.6	2.5	0.3	36.7	<0.01	0.06	0.4
DD026456		0.20	35.8	770	10.1	5.6	<0.001	0.08	0.80	2.2	2.5	0.4	38.7	<0.01	0.09	0.5
DD026457		0.23	26.5	910	8.7	4.8	0.001	0.11	0.78	1.6	2.8	0.3	49.5	<0.01	0.06	0.4
DD026458		0.23	37.5	780	12.4	5.8	0.002	0.05	0.98	3.8	2.7	0.4	59.0	<0.01	0.08	1.3
DD026459		0.31	29.6	780	11.7	6.4	0.002	0.06	0.80	3.2	2.2	0.4	47.6	<0.01	0.07	0.9
DD026460		0.29	29.9	860	12.8	7.2	0.002	0.04	0.66	4.2	2.0	0.3	42.9	<0.01	0.09	1.7
DD026461		0.29	25.9	780	10.2	6.8	0.002	0.09	0.63	2.1	2.1	0.3	54.8	<0.01	0.07	0.5
DD026462		0.18	28.5	650	10.3	6.0	0.002	0.07	0.66	2.6	2.1	0.3	106.5	<0.01	0.05	0.7
DD026463		0.16	34.0	500	11.1	5.2	0.003	0.07	0.65	1.9	2.2	0.2	43.9	<0.01	0.05	0.5
DD026464		0.18	30.0	590	10.8	6.2	0.003	0.09	0.52	2.3	2.7	0.3	67.7	<0.01	0.05	0.6
DD026465		0.21	35.4	770	11.4	7.8	0.006	0.12	0.72	2.8	2.9	0.3	53.1	<0.01	0.06	0.8
DD026466		0.17	32.5	720	10.1	6.7	0.006	0.11	0.74	2.3	2.8	0.3	51.7	<0.01	0.07	0.6
DD026467		0.13	36.4	720	10.5	6.3	0.006	0.09	0.71	2.8	2.7	0.3	60.7	<0.01	0.06	0.8
DD026468		0.14	39.2	710	11.9	5.4	0.003	0.05	0.92	4.0	2.8	0.3	63.6	<0.01	0.09	1.6
DD026469		0.18	33.8	830	11.5	5.2	0.002	0.07	0.90	3.9	2.9	0.3	73.7	<0.01	0.08	1.2
DD026470		0.21	34.6	840	12.2	5.8	0.002	0.07	0.91	4.1	2.4	0.3	68.7	<0.01	0.08	1.3
DD026471		0.15	30.6	770	9.3	5.2	0.002	0.09	0.91	2.3	2.5	0.3	67.7	<0.01	0.08	0.6
DD026472		0.14	28.8	840	9.5	5.2	0.001	0.08	0.73	2.4	2.4	0.2	56.4	<0.01	0.08	0.9
DD026473		0.20	35.6	790	10.5	6.0	0.001	0.08	0.83	3.3	2.6	0.3	61.1	<0.01	0.08	1.0
DD026474		0.17	37.0	810	11.8	6.1	0.001	0.06	0.70	3.2	2.4	0.3	53.7	<0.01	0.09	1.0
DD026475		0.21	29.3	1090	8.9	7.8	0.002	0.11	0.66	2.1	2.7	0.3	67.4	<0.01	0.06	0.5
DD026476		0.24	27.2	1120	8.2	6.9	0.002	0.14	0.62	1.8	3.4	0.2	69.6	<0.01	0.06	0.4
DD026477		0.21	37.5	460	13.1	6.6	<0.001	0.03	0.69	4.7	1.9	0.5	40.4	<0.01	0.08	1.9
DD026478		0.88	16.3	370	14.7	8.6	<0.001	0.02	0.37	3.7	0.9	0.6	16.1	<0.01	0.05	3.2
DD026479		0.26	42.5	1030	13.2	7.4	0.001	0.06	0.94	3.5	2.5	0.4	75.1	<0.01	0.09	2.1
DD026480		0.36	36.5	770	10.8	5.8	<0.001	0.07	0.68	3.3	1.6	0.3	37.0	<0.01	0.07	1.0
DD026481		0.49	47.1	780	15.9	10.0	0.001	0.04	0.82	5.0	2.1	0.5	30.3	<0.01	0.06	3.0
DD026482		0.23	40.5	510	18.0	12.3	<0.001	0.02	0.63	3.6	1.2	0.4	24.2	<0.01	0.07	3.2
DD026483		0.30	43.3	1050	17.6	13.1	0.001	0.06	0.89	4.4	1.7	0.5	35.1	<0.01	0.08	1.7
DD026484		0.31	46.9	490	13.3	7.8	<0.001	0.04	0.90	6.8	2.4	0.5	32.7	<0.01	0.09	2.7
DD026485		0.39	30.2	990	11.8	7.0	<0.001	0.09	0.69	2.3	2.1	0.3	42.3	<0.01	0.11	0.6
DD026486		0.37	29.3	1120	11.5	6.1	<0.001	0.09	0.64	1.7	2.0	0.4	44.9	<0.01	0.11	0.5
DD026487		0.33	32.4	980	10.7	6.9	<0.001	0.09	0.65	2.2	2.1	0.3	39.0	<0.01	0.07	0.6
DD026488		0.22	31.3	790	10.6	5.3	<0.001	0.09	0.67	2.5	1.7	0.3	49.2	<0.01	0.06	0.7
DD026489		0.22	33.9	810	10.9	5.7	0.001	0.08	0.81	3.2	2.0	0.3	55.6	<0.01	0.06	0.9
DD026490		0.16	38.6	710	11.5	6.4	0.003	0.08	0.89	3.3	2.4	0.3	54.6	<0.01	0.07	1.0
DD026491		0.21	31.7	1280	11.7	8.3	0.009	0.10	1.09	3.3	3.6	0.4	88.3	<0.01	0.08	1.4

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD026452		0.010	0.16	0.57	76	0.11	2.47	70	<0.5
DD026453		0.005	0.13	1.89	69	0.09	10.50	119	1.8
DD026454		0.009	0.18	1.35	60	0.09	34.5	126	1.1
DD026455		0.005	0.08	1.37	40	0.07	21.8	91	1.1
DD026456		<0.005	0.13	1.46	44	<0.05	20.7	102	1.3
DD026457		0.005	0.08	2.19	39	0.05	15.60	90	1.4
DD026458		0.005	0.12	1.44	54	0.05	17.55	126	1.4
DD026459		0.006	0.11	1.91	45	0.13	15.95	103	1.3
DD026460		0.006	0.12	1.10	41	0.06	19.50	138	1.6
DD026461		0.007	0.10	1.88	32	0.05	12.20	125	1.3
DD026462		<0.005	0.11	1.43	33	0.05	13.65	105	1.4
DD026463		<0.005	0.09	1.27	23	0.05	15.30	112	1.0
DD026464		<0.005	0.10	0.96	25	<0.05	15.20	113	1.4
DD026465		<0.005	0.10	1.59	39	<0.05	15.15	113	1.9
DD026466		<0.005	0.09	1.69	32	0.05	14.15	96	1.6
DD026467		<0.005	0.09	1.27	33	<0.05	13.70	119	1.6
DD026468		<0.005	0.09	1.40	40	0.05	16.75	123	2.1
DD026469		<0.005	0.12	1.77	44	<0.05	19.70	103	1.6
DD026470		0.005	0.12	1.62	47	0.05	19.45	111	1.7
DD026471		<0.005	0.10	2.14	40	<0.05	16.05	71	1.5
DD026472		<0.005	0.09	1.52	38	0.05	13.80	119	1.5
DD026473		<0.005	0.11	1.70	41	0.08	16.30	109	1.7
DD026474		<0.005	0.09	2.09	50	<0.05	18.10	108	1.5
DD026475		<0.005	0.11	2.59	40	0.10	21.0	124	1.6
DD026476		0.005	0.14	2.94	30	0.05	23.8	115	1.6
DD026477		<0.005	0.12	1.21	67	0.05	16.10	97	1.4
DD026478		0.018	0.12	1.11	69	0.18	6.61	54	1.0
DD026479		0.007	0.15	1.47	52	0.07	17.20	129	1.3
DD026480		0.008	0.16	1.09	43	0.07	20.5	101	1.6
DD026481		0.008	0.16	1.41	58	0.11	15.95	103	2.9
DD026482		<0.005	0.15	0.86	54	0.06	6.44	109	2.0
DD026483		0.007	0.21	1.77	75	0.10	13.95	153	1.9
DD026484		<0.005	0.17	1.37	74	0.11	23.5	132	2.4
DD026485		0.009	0.10	0.90	46	0.09	32.3	139	1.3
DD026486		0.009	0.09	0.94	44	0.10	37.9	95	1.0
DD026487		0.007	0.11	1.00	44	0.10	27.2	108	1.3
DD026488		<0.005	0.08	1.07	38	<0.05	19.25	95	1.7
DD026489		0.005	0.10	1.01	40	0.07	19.10	104	1.6
DD026490		<0.005	0.13	0.92	37	0.06	14.35	148	1.5
DD026491		<0.005	0.16	3.11	60	0.10	14.30	147	1.1

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
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Finalized Date: 15- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
DD026492		0.18	0.006	3.36	0.55	6.2	<0.2	<10	920	0.31	0.17	0.75	0.81	13.10	2.4	24
DD026493		0.11	0.004	1.86	0.70	13.6	<0.2	<10	1020	0.34	0.18	1.36	0.50	7.09	5.2	30
DD026494		0.16	0.003	1.08	0.49	12.9	<0.2	10	1200	0.43	0.16	0.62	0.32	5.26	1.6	20
DD026495		0.28	0.003	0.63	0.68	12.8	<0.2	10	1330	0.50	0.23	0.09	0.38	11.45	6.2	20
DD026496		0.26	0.004	0.92	0.56	18.8	<0.2	<10	1910	0.66	0.20	0.32	0.50	8.79	4.8	18
DD026497		0.23	0.004	0.89	0.79	19.9	<0.2	10	1520	0.61	0.19	0.68	0.34	7.39	2.1	27
DD026498		0.33	0.004	1.12	0.88	16.0	<0.2	<10	2550	0.56	0.19	0.60	1.16	14.00	6.2	32
DD026499		0.33	0.005	0.83	0.78	12.4	<0.2	<10	1810	0.51	0.19	0.57	0.63	7.94	5.0	35
DD026500		0.15	0.007	8.55	0.74	15.7	<0.2	20	3000	0.62	0.19	1.00	4.99	15.90	2.7	106

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD026492		0.77	33.8	1.09	1.66	0.05	0.03	0.26	0.024	0.05	7.2	2.7	0.06	65	1.12	<0.01
DD026493		0.65	26.4	1.83	1.89	<0.05	0.03	0.20	0.025	0.04	3.6	2.9	0.08	334	2.31	<0.01
DD026494		0.74	25.4	1.52	1.39	<0.05	0.02	0.14	0.019	0.06	3.0	2.5	0.06	57	3.14	<0.01
DD026495		0.72	37.5	2.80	2.86	<0.05	<0.02	0.07	0.027	0.07	5.5	3.0	0.06	166	2.99	<0.01
DD026496		0.35	69.0	2.39	1.44	<0.05	0.02	0.09	0.036	0.08	4.3	5.5	0.09	142	7.49	0.01
DD026497		0.63	42.7	1.74	1.98	<0.05	0.04	0.13	0.031	0.06	3.8	4.7	0.09	57	5.42	0.01
DD026498		0.66	42.4	2.58	2.50	<0.05	0.02	0.15	0.029	0.07	7.6	6.6	0.16	159	4.97	<0.01
DD026499		0.69	59.9	2.82	2.12	<0.05	<0.02	0.15	0.036	0.06	3.9	4.8	0.10	117	5.34	0.01
DD026500		0.70	84.2	1.71	2.64	0.09	0.03	0.35	0.034	0.07	12.5	6.1	0.07	16	9.10	<0.01

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Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD026492		0.32	26.1	970	8.2	6.6	0.006	0.11	0.61	3.3	7.0	0.3	57.2	<0.01	0.07	1.4
DD026493		0.22	24.8	1300	9.6	6.7	0.010	0.13	0.76	2.6	7.8	0.3	85.7	<0.01	0.13	1.0
DD026494		0.10	22.4	940	8.6	7.3	0.006	0.07	0.89	2.3	4.2	0.3	65.2	<0.01	0.16	1.1
DD026495		0.43	41.9	1000	10.4	9.4	0.001	0.06	1.04	3.8	2.4	0.4	41.5	<0.01	0.09	1.3
DD026496		0.07	72.2	810	12.2	5.3	0.002	0.17	1.46	4.2	7.1	0.3	110.0	<0.01	0.08	1.9
DD026497		0.18	27.0	840	11.0	7.1	0.011	0.06	1.10	3.9	6.4	0.4	84.7	<0.01	0.06	1.8
DD026498		0.33	60.8	1580	11.5	6.3	0.003	0.08	1.78	4.6	3.7	0.4	141.5	<0.01	0.08	2.5
DD026499		0.17	53.1	960	10.0	6.7	0.006	0.08	1.09	3.7	4.7	0.4	106.5	<0.01	0.08	0.8
DD026500		0.20	98.4	3460	10.8	8.7	0.016	0.13	1.51	5.4	13.1	0.7	321	<0.01	0.08	2.2

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155646

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD026492		0.008	0.19	4.71	29	0.11	19.15	75	1.1
DD026493		<0.005	0.14	4.77	66	0.07	12.75	60	1.1
DD026494		<0.005	0.13	1.83	47	0.05	10.60	85	0.8
DD026495		0.009	0.12	1.42	69	0.12	8.51	165	0.5
DD026496		<0.005	0.16	2.36	38	<0.05	17.90	245	1.1
DD026497		<0.005	0.12	4.29	52	0.06	17.30	100	1.6
DD026498		0.011	0.20	2.82	75	0.12	21.6	256	1.4
DD026499		<0.005	0.19	2.47	67	0.12	18.75	238	<0.5
DD026500		0.006	0.31	9.65	93	0.24	32.3	387	1.7

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS WH13155646

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

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Finalized Date: 17-SEP-2013
Account: RCM

CERTIFICATE WH13155647

Project: Nadaleen
P.O. No.: SO13-14
This report is for 234 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: ATAC RESOURCES LTD.
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Finalized Date: 17- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD023951		0.13	0.007	13.35	0.81	21.3	<0.2	10	2280	0.57	0.22	0.47	5.61	17.20	2.0	75
DD023952		0.11	0.005	9.09	0.42	3.2	<0.2	<10	2920	0.16	0.16	0.18	1.10	7.94	0.4	34
DD023953		0.16	0.005	4.04	0.86	7.0	<0.2	<10	2260	0.41	0.21	0.42	4.02	10.00	1.9	31
DD023954		0.18	0.007	1.24	0.84	9.7	<0.2	<10	640	0.76	0.26	0.24	1.40	14.85	15.9	18
DD023955		0.18	0.005	1.59	0.97	18.7	<0.2	10	2680	0.68	0.20	0.60	2.51	10.15	8.4	38
DD023956		0.30	0.004	0.29	1.73	15.4	<0.2	<10	600	1.24	0.31	0.13	2.58	30.8	16.0	32
DD023957		0.40	0.003	0.33	1.70	12.9	<0.2	<10	410	1.10	0.29	0.80	2.49	26.3	17.6	31
DD023958		0.15	0.003	0.42	1.41	26.5	<0.2	<10	460	1.05	0.30	4.07	2.41	32.2	11.5	32
DD023959		0.13	0.002	0.23	1.38	12.7	<0.2	<10	370	0.80	0.22	3.80	1.74	19.10	7.8	23
DD023960		0.19	0.004	0.25	1.19	10.9	<0.2	10	580	0.98	0.19	2.46	0.96	27.8	10.3	24
DD023961		0.10	0.005	0.07	0.34	5.2	<0.2	<10	200	0.23	0.12	2.40	0.60	6.20	2.5	7
DD023962		0.16	0.005	0.08	0.68	2.5	<0.2	10	250	0.49	0.16	2.46	0.50	30.5	6.8	12
DD023963		0.18	0.004	0.04	0.79	5.8	<0.2	<10	330	0.68	0.21	1.04	0.30	18.10	8.4	14
DD023964		0.29	0.002	0.13	0.97	6.6	<0.2	<10	340	0.98	0.24	1.54	0.62	21.5	9.0	16
DD023965		0.20	0.007	0.32	1.00	7.1	<0.2	10	1040	1.44	0.20	3.01	0.85	15.45	6.3	18
DD023966		0.34	<0.001	0.13	1.10	8.8	<0.2	<10	660	1.42	0.24	0.48	0.51	30.2	5.1	17
DD023967		0.39	0.003	0.12	1.71	11.5	<0.2	<10	250	0.82	0.25	0.57	0.35	22.9	10.4	28
DD023968		0.24	0.001	0.06	1.08	4.1	<0.2	<10	140	0.63	0.31	0.02	0.07	6.23	4.5	17
DD023969		0.30	0.003	0.26	1.57	14.1	<0.2	<10	180	1.16	0.30	0.30	1.79	32.2	17.8	27
DD023970		0.30	0.003	0.12	1.89	10.6	<0.2	<10	200	0.92	0.27	1.15	0.49	26.0	17.6	30
DD023971		0.39	0.002	0.14	1.66	9.4	<0.2	<10	200	0.84	0.26	0.97	0.95	26.3	16.0	27
DD023972		0.19	0.004	0.20	1.48	6.7	<0.2	10	400	0.89	0.24	1.47	1.27	22.2	11.8	25
ZZ81175		0.34	0.003	0.32	1.06	16.8	<0.2	10	820	0.73	0.23	1.92	0.93	16.30	8.8	24
ZZ81176		0.39	0.004	1.11	0.61	27.3	<0.2	10	830	0.45	0.26	1.90	1.37	17.55	15.6	21
ZZ81177		0.32	0.004	1.35	0.27	9.5	<0.2	10	630	0.36	0.15	1.04	0.66	8.63	4.9	17
ZZ81178		0.32	0.004	1.22	0.40	10.0	<0.2	10	710	0.47	0.16	1.23	0.35	6.66	3.2	19
ZZ81179		0.33	0.005	1.65	0.32	16.2	<0.2	10	730	0.47	0.17	0.93	0.62	4.65	4.9	23
ZZ81180		0.26	0.007	2.70	0.40	21.4	<0.2	10	780	0.49	0.17	0.65	0.88	6.56	5.7	32
ZZ81181		0.36	0.005	1.51	0.32	19.8	<0.2	10	500	0.47	0.19	0.38	0.58	3.32	3.0	15
ZZ81182		0.30	0.005	2.19	0.47	14.5	<0.2	10	1250	0.45	0.18	0.73	0.33	3.73	0.6	21
ZZ81183		0.30	0.004	1.60	0.43	14.1	<0.2	10	660	0.44	0.14	1.36	0.71	4.35	3.9	23
ZZ81184		0.21	0.005	0.77	0.29	2.5	<0.2	10	920	0.18	0.08	1.08	0.43	3.05	1.2	14
ZZ81185		0.21	0.003	1.32	0.49	26.0	<0.2	10	2840	0.55	0.13	2.39	0.84	4.34	4.5	33
ZZ81186		0.26	0.004	1.18	0.70	17.9	<0.2	10	3540	0.50	0.18	0.71	0.58	7.19	2.6	28
ZZ81187		0.35	0.001	0.59	1.03	12.0	<0.2	<10	2010	0.29	0.22	0.02	0.23	10.40	3.6	22
ZZ81188		0.35	0.002	1.76	1.30	15.8	<0.2	<10	1470	0.36	0.27	0.03	0.27	12.25	4.4	28
ZZ81189		0.47	0.009	5.17	0.75	23.3	<0.2	10	1830	0.45	0.26	0.63	0.60	7.52	1.4	71
ZZ81190		0.43	0.003	1.40	0.54	17.8	<0.2	10	710	0.25	0.29	0.03	0.67	6.36	2.9	9
ZZ81191		0.42	0.002	1.61	0.91	12.7	<0.2	<10	280	0.41	0.22	0.01	0.20	6.76	4.1	17
ZZ81192		0.39	0.010	1.67	1.20	13.8	<0.2	<10	350	0.83	0.21	0.02	1.11	22.0	10.9	24

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023951		0.56	108.0	1.71	2.76	0.09	0.03	0.38	0.040	0.06	11.0	5.0	0.15	39	8.51	<0.01
DD023952		0.43	40.9	0.58	2.04	<0.05	0.02	0.25	0.016	0.04	5.0	1.3	0.03	5	1.88	0.01
DD023953		0.77	42.9	0.77	2.68	<0.05	0.03	0.35	0.021	0.06	5.4	5.0	0.11	36	3.71	<0.01
DD023954		1.71	59.6	2.42	2.61	<0.05	<0.02	0.26	0.037	0.11	6.6	10.5	0.19	763	3.88	<0.01
DD023955		0.58	52.4	3.02	2.66	<0.05	0.04	0.20	0.036	0.07	5.1	6.7	0.14	476	10.10	0.01
DD023956		0.95	68.2	4.01	4.03	0.06	0.06	0.09	0.043	0.11	13.3	19.1	0.43	856	5.42	<0.01
DD023957		1.15	68.8	3.97	5.09	0.06	0.04	0.14	0.033	0.14	13.3	25.0	0.88	968	3.90	<0.01
DD023958		0.72	18.6	2.51	3.52	0.05	0.04	0.12	0.041	0.07	18.8	8.4	1.66	390	7.00	<0.01
DD023959		0.73	17.2	2.36	3.65	<0.05	0.03	0.24	0.027	0.06	12.8	9.2	1.26	1240	2.76	<0.01
DD023960		0.75	26.8	2.93	3.29	0.06	0.04	0.19	0.034	0.11	15.3	10.4	0.73	540	3.55	<0.01
DD023961		0.59	13.1	1.04	1.06	<0.05	0.02	0.15	0.012	0.07	2.6	1.3	0.15	88	0.94	<0.01
DD023962		1.02	15.0	1.61	2.03	<0.05	0.04	0.06	0.017	0.13	14.9	5.7	0.28	629	0.67	<0.01
DD023963		2.07	12.4	2.29	2.30	<0.05	0.04	0.05	0.021	0.10	7.5	11.4	0.32	605	1.66	<0.01
DD023964		1.51	18.5	2.28	2.67	<0.05	0.04	0.07	0.024	0.11	11.0	12.6	0.40	613	1.02	<0.01
DD023965		2.14	64.0	1.85	2.47	<0.05	0.04	0.11	0.020	0.08	8.4	11.3	0.46	409	1.07	0.01
DD023966		1.38	50.1	2.28	3.87	<0.05	<0.02	0.04	0.023	0.11	17.1	13.6	0.29	216	2.12	<0.01
DD023967		1.30	25.2	3.09	4.15	<0.05	0.04	0.04	0.027	0.07	10.0	26.7	0.56	413	1.88	<0.01
DD023968		3.12	9.4	3.03	4.15	<0.05	0.02	0.03	0.018	0.11	2.4	12.2	0.17	101	0.71	<0.01
DD023969		1.68	83.1	4.08	4.33	0.06	0.06	0.07	0.030	0.10	15.3	25.8	0.73	1270	3.29	<0.01
DD023970		0.95	69.4	4.15	5.49	<0.05	0.06	0.11	0.036	0.13	11.5	29.4	1.03	793	1.62	<0.01
DD023971		0.82	59.4	3.73	4.71	<0.05	0.06	0.10	0.033	0.11	12.1	26.9	0.92	680	1.59	<0.01
DD023972		0.68	51.2	2.78	4.14	<0.05	0.07	0.13	0.030	0.10	10.8	23.8	0.70	332	0.78	<0.01
ZZ81175		0.49	24.7	2.77	2.78	0.05	0.03	0.12	0.032	0.07	16.7	9.5	0.25	577	1.79	0.01
ZZ81176		1.01	40.4	2.87	1.56	0.08	0.04	0.17	0.040	0.06	18.7	4.5	0.13	501	4.49	<0.01
ZZ81177		0.70	42.9	1.91	0.69	0.05	0.02	0.14	0.031	0.06	7.0	1.4	0.04	106	3.20	<0.01
ZZ81178		0.44	39.4	1.42	1.16	0.05	0.04	0.13	0.027	0.05	4.0	1.8	0.04	78	2.32	0.01
ZZ81179		0.60	58.1	2.16	0.92	0.06	0.05	0.22	0.029	0.07	2.7	1.3	0.04	83	4.66	<0.01
ZZ81180		0.61	60.7	2.08	1.19	0.07	0.02	0.20	0.029	0.10	3.8	1.5	0.04	71	4.75	0.01
ZZ81181		0.83	49.2	2.13	0.76	0.06	0.08	0.15	0.025	0.09	1.6	1.4	0.02	43	5.60	0.02
ZZ81182		0.62	35.1	1.04	1.46	<0.05	0.03	0.17	0.025	0.06	2.3	1.6	0.03	6	2.81	<0.01
ZZ81183		0.41	34.1	1.90	1.15	0.05	0.06	0.15	0.023	0.06	2.3	1.4	0.05	287	2.89	0.01
ZZ81184		0.42	15.9	1.22	0.95	<0.05	0.04	0.21	0.014	0.04	1.7	1.0	0.04	37	1.22	0.01
ZZ81185		0.23	31.1	2.19	1.33	0.05	0.08	0.15	0.025	0.04	2.8	2.6	0.08	151	6.31	0.01
ZZ81186		0.50	33.9	1.78	2.13	<0.05	0.04	0.16	0.026	0.07	3.8	4.6	0.09	32	5.54	<0.01
ZZ81187		0.66	22.0	2.43	4.29	<0.05	<0.02	0.04	0.024	0.07	5.2	5.2	0.06	68	5.08	0.01
ZZ81188		0.85	20.9	3.35	5.32	<0.05	<0.02	0.07	0.032	0.12	6.1	10.8	0.16	140	6.03	0.01
ZZ81189		0.22	41.4	2.04	3.05	0.11	0.02	0.19	0.034	0.12	7.9	5.0	0.04	13	30.3	0.03
ZZ81190		0.66	20.5	2.45	1.91	<0.05	<0.02	0.04	0.052	0.11	3.5	1.5	0.03	32	3.14	0.05
ZZ81191		0.70	26.6	2.41	3.14	<0.05	0.03	0.08	0.024	0.11	3.2	9.6	0.11	93	5.45	0.01
ZZ81192		1.13	86.5	6.12	2.88	0.07	0.03	0.29	0.038	0.10	7.6	7.0	0.07	709	6.28	<0.01

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Finalized Date: 17-SEP-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023951		0.49	48.6	2250	11.1	7.3	0.011	0.19	4.05	4.4	18.6	0.6	125.5	<0.01	0.18	1.1
DD023952		0.12	14.1	1060	11.3	5.7	0.010	0.15	0.97	1.1	6.2	0.6	89.5	<0.01	0.05	0.4
DD023953		0.19	30.7	1320	12.5	8.9	0.015	0.11	0.96	2.3	5.2	0.4	75.5	<0.01	0.07	0.9
DD023954		0.26	46.6	930	16.4	11.0	0.002	0.05	2.09	3.5	2.5	0.4	37.3	<0.01	0.06	3.0
DD023955		0.18	44.6	1360	12.4	7.8	0.013	0.11	2.21	4.0	6.8	0.4	103.0	<0.01	0.08	1.7
DD023956		0.24	62.8	760	24.8	11.9	0.001	0.03	2.38	6.1	2.6	0.5	17.6	<0.01	0.07	5.6
DD023957		0.21	54.9	750	21.9	9.4	0.001	0.03	1.75	6.6	1.8	0.5	30.2	<0.01	0.08	4.5
DD023958		0.40	35.3	740	30.0	9.1	<0.001	0.06	3.31	2.9	2.1	0.6	32.6	<0.01	0.10	1.3
DD023959		0.43	22.7	1280	13.5	7.6	<0.001	0.10	1.49	1.9	1.1	0.4	34.7	<0.01	0.04	0.5
DD023960		0.47	29.9	1040	13.1	8.4	0.003	0.09	1.27	3.3	2.3	0.4	34.7	<0.01	0.03	1.1
DD023961		0.24	10.0	490	6.5	5.2	<0.001	0.12	0.41	0.6	0.7	0.2	38.8	<0.01	0.02	0.2
DD023962		0.27	12.3	670	8.1	8.7	<0.001	0.10	0.27	1.6	0.5	0.2	58.1	<0.01	0.01	1.1
DD023963		0.43	17.9	430	11.6	8.7	<0.001	0.05	0.55	2.4	0.4	0.3	32.6	<0.01	0.03	2.0
DD023964		0.38	20.6	600	17.2	11.6	<0.001	0.07	0.52	2.8	1.5	0.3	42.5	<0.01	0.02	1.0
DD023965		0.54	18.9	1030	11.0	9.4	0.001	0.14	0.70	1.8	1.6	0.3	87.9	<0.01	0.03	0.5
DD023966		0.46	17.0	460	12.0	13.2	<0.001	0.03	0.71	2.2	0.8	0.5	23.1	<0.01	0.03	1.3
DD023967		0.76	31.4	310	15.1	8.6	<0.001	0.02	0.92	2.6	0.7	0.4	21.5	<0.01	0.03	3.2
DD023968		1.19	8.7	260	13.3	14.3	<0.001	0.02	0.33	1.2	0.3	0.6	2.7	<0.01	0.03	2.5
DD023969		0.19	44.5	980	28.7	7.9	<0.001	0.02	1.28	6.8	1.5	0.4	19.3	<0.01	0.06	5.2
DD023970		0.23	36.4	530	20.1	7.6	0.001	0.04	0.73	5.9	1.0	0.4	37.0	<0.01	0.07	2.9
DD023971		0.27	34.1	680	20.2	7.3	0.001	0.05	0.71	5.9	1.1	0.3	35.1	<0.01	0.05	2.8
DD023972		0.37	29.1	770	18.6	8.3	0.006	0.20	0.63	5.4	2.5	0.4	49.8	<0.01	0.05	2.2
ZZ81175		0.28	27.1	1330	20.5	6.7	<0.001	0.14	0.77	1.9	1.9	0.4	29.0	<0.01	0.10	0.5
ZZ81176		0.13	72.3	1440	18.0	5.7	0.001	0.12	1.68	2.1	3.7	0.3	40.0	<0.01	0.20	0.6
ZZ81177		<0.05	52.5	940	9.1	4.7	0.006	0.11	1.16	3.6	3.9	0.2	53.6	<0.01	0.09	0.7
ZZ81178		0.09	35.5	810	9.2	5.7	0.006	0.08	0.94	3.1	3.8	0.3	60.4	<0.01	0.10	1.0
ZZ81179		0.05	68.6	1090	9.5	5.7	0.007	0.12	1.59	4.8	6.8	0.3	88.1	<0.01	0.15	1.4
ZZ81180		<0.05	97.7	1440	9.3	6.3	0.015	0.25	1.58	3.2	10.6	0.3	85.1	<0.01	0.23	1.1
ZZ81181		<0.05	48.3	760	10.9	6.2	0.016	0.22	1.24	3.9	9.9	0.2	78.8	<0.01	0.17	1.8
ZZ81182		0.05	22.6	760	9.9	6.9	0.009	0.10	0.85	2.4	9.9	0.4	79.1	<0.01	0.18	0.9
ZZ81183		0.06	39.5	1570	8.7	8.3	0.013	0.11	1.08	2.3	8.5	0.2	88.2	<0.01	0.19	0.8
ZZ81184		0.10	16.5	750	5.8	4.4	0.005	0.17	0.60	2.5	4.5	0.2	62.0	<0.01	0.05	0.5
ZZ81185		0.08	69.5	1180	7.7	3.5	0.006	0.11	1.35	3.1	5.1	0.3	261	<0.01	0.06	0.6
ZZ81186		0.18	31.3	1160	11.5	7.0	0.009	0.09	1.13	3.8	5.4	0.4	153.0	<0.01	0.08	1.9
ZZ81187		0.54	30.8	500	13.1	8.1	0.001	0.12	0.94	2.1	2.6	0.6	56.0	<0.01	0.07	1.8
ZZ81188		0.84	20.2	600	13.6	11.2	0.001	0.20	1.27	2.1	3.2	0.7	59.0	<0.01	0.11	1.5
ZZ81189		<0.05	38.4	2300	17.5	6.2	0.008	0.12	1.52	2.3	18.9	0.6	429	<0.01	0.17	1.0
ZZ81190		0.17	12.8	540	19.5	11.0	0.004	0.38	0.69	1.6	3.2	0.4	75.0	<0.01	0.13	0.9
ZZ81191		0.35	19.6	360	16.4	11.9	0.002	0.14	1.66	1.7	4.1	0.4	16.3	<0.01	0.09	2.8
ZZ81192		0.26	88.1	1150	12.7	11.5	0.004	0.09	2.95	6.5	6.5	0.5	21.0	<0.01	0.13	3.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023951		0.011	0.45	14.10	92	0.30	31.3	162	1.5
DD023952		<0.005	0.42	4.99	27	0.07	9.44	25	0.6
DD023953		<0.005	0.48	3.95	58	0.09	12.85	117	0.7
DD023954		0.006	0.39	1.77	45	0.06	12.05	237	<0.5
DD023955		<0.005	0.26	4.27	93	0.10	18.95	187	1.3
DD023956		<0.005	0.32	2.01	139	0.07	17.40	339	2.4
DD023957		0.006	0.25	1.26	109	0.07	15.20	292	2.0
DD023958		0.007	0.30	1.92	167	0.15	19.75	182	1.2
DD023959		0.011	0.16	3.01	75	0.07	11.95	125	0.8
DD023960		0.008	0.20	2.32	62	0.09	14.90	132	1.9
DD023961		0.008	0.04	0.80	10	<0.05	1.84	35	0.8
DD023962		0.009	0.06	0.49	14	<0.05	3.91	58	1.0
DD023963		0.012	0.09	0.56	24	0.09	3.85	113	1.5
DD023964		0.008	0.10	1.36	26	0.07	11.35	130	1.4
DD023965		0.012	0.11	2.85	33	0.10	10.80	99	1.6
DD023966		0.010	0.12	1.00	51	0.11	11.70	87	<0.5
DD023967		0.017	0.13	0.76	64	0.16	4.01	114	1.6
DD023968		0.008	0.10	0.42	27	0.14	2.25	51	0.8
DD023969		0.008	0.19	1.55	74	0.05	18.55	239	2.8
DD023970		0.006	0.12	0.76	57	<0.05	9.36	186	2.1
DD023971		0.008	0.11	0.91	54	0.05	11.15	196	2.0
DD023972		0.007	0.10	2.19	54	0.05	12.00	179	2.5
ZZ81175		0.007	0.12	0.90	41	0.07	26.7	149	0.9
ZZ81176		0.006	0.40	1.38	32	0.08	37.3	271	1.3
ZZ81177		<0.005	0.16	3.67	31	<0.05	23.1	179	1.1
ZZ81178		<0.005	0.09	3.59	38	<0.05	17.65	112	2.2
ZZ81179		<0.005	0.12	4.24	40	<0.05	23.0	215	2.3
ZZ81180		<0.005	0.13	2.78	53	<0.05	23.9	253	0.7
ZZ81181		<0.005	0.17	2.03	33	<0.05	22.0	184	4.3
ZZ81182		<0.005	0.11	2.51	47	<0.05	14.35	42	1.0
ZZ81183		<0.005	0.08	2.01	46	<0.05	14.50	153	2.2
ZZ81184		<0.005	0.08	1.38	24	<0.05	6.01	51	1.8
ZZ81185		<0.005	0.07	3.34	57	<0.05	22.9	191	4.3
ZZ81186		<0.005	0.16	2.24	66	<0.05	15.15	105	1.6
ZZ81187		0.010	0.40	0.57	85	0.08	3.47	124	0.8
ZZ81188		0.015	0.32	0.61	93	0.17	2.32	88	<0.5
ZZ81189		<0.005	0.99	13.50	87	0.30	40.3	141	0.6
ZZ81190		<0.005	0.14	0.65	43	<0.05	4.45	70	<0.5
ZZ81191		<0.005	0.47	0.47	78	<0.05	2.57	112	1.8
ZZ81192		<0.005	0.43	3.15	174	0.05	21.3	485	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ81193		0.43	0.010	3.51	1.62	44.9	<0.2	<10	200	1.22	0.15	0.01	0.48	10.25	12.7	24
ZZ81194		0.36	0.004	0.31	1.43	13.0	<0.2	<10	140	0.47	0.32	0.04	0.20	17.55	7.7	25
ZZ81195		0.31	0.004	1.21	1.16	14.2	<0.2	<10	110	0.45	0.36	0.03	0.14	17.85	3.9	20
ZZ81196		0.32	0.008	2.62	0.96	3.4	<0.2	<10	520	0.36	0.25	0.18	0.55	22.2	2.7	18
ZZ81197		0.39	0.004	0.46	0.84	10.1	<0.2	<10	360	0.63	0.27	0.25	1.35	15.90	30.9	15
ZZ81198		0.27	0.001	2.32	1.04	25.4	<0.2	<10	180	0.29	0.27	0.02	0.67	15.10	4.7	33
ZZ81199		0.28	0.005	3.89	1.16	33.3	<0.2	<10	230	0.97	0.22	0.16	3.96	28.7	9.5	120
ZZ81200		0.39	0.009	4.77	0.76	17.9	<0.2	10	350	1.08	0.13	2.86	16.10	23.9	6.8	75
ZZ81201		0.35	0.003	1.56	0.53	21.3	<0.2	10	230	0.99	0.16	2.69	10.80	35.2	6.5	73
ZZ81202		0.25	0.004	1.38	0.73	10.1	<0.2	10	330	0.97	0.14	3.03	2.22	18.60	7.6	17
ZZ81203		0.16	0.002	0.26	0.88	4.0	<0.2	10	300	0.96	0.13	3.15	1.36	18.35	8.1	14
ZZ81204		0.29	0.001	0.22	0.83	4.4	<0.2	10	230	1.01	0.14	2.64	1.05	20.0	9.5	13
ZZ81205		0.29	0.001	0.24	1.15	6.0	<0.2	<10	230	1.27	0.21	1.36	0.31	25.0	11.7	19
ZZ81206		0.26	0.001	0.23	1.08	4.8	<0.2	<10	280	1.22	0.20	1.64	0.64	22.0	9.9	17
ZZ81207		0.36	0.001	0.18	1.16	3.3	<0.2	<10	330	1.47	0.24	1.49	0.28	13.40	9.1	18
ZZ81208		0.35	0.002	0.42	0.83	9.9	<0.2	<10	240	0.42	0.19	1.28	0.35	9.19	4.3	17
ZZ81209		0.44	0.001	0.05	0.62	10.5	<0.2	<10	360	0.43	0.29	0.39	0.12	13.00	6.6	17
ZZ81210		0.24	0.005	1.41	0.46	14.2	<0.2	10	2300	0.51	0.17	1.13	1.30	6.90	6.5	20
ZZ81211		0.25	0.003	1.17	0.34	9.7	<0.2	10	2940	0.42	0.11	2.83	1.48	8.63	5.3	19
ZZ81212		0.21	0.004	1.38	0.65	23.2	<0.2	10	2740	0.61	0.18	0.90	1.47	9.06	4.6	25
ZZ81213		0.24	0.004	1.17	0.44	27.7	<0.2	10	1740	0.32	0.13	1.62	3.41	6.22	8.4	19
ZZ81214		0.35	0.005	1.21	0.41	12.2	<0.2	10	2360	0.34	0.14	1.54	2.31	7.08	5.9	19
ZZ81215		0.28	0.004	0.89	0.43	36.1	<0.2	10	1390	0.42	0.16	0.94	1.29	5.15	4.9	16
ZZ81216		0.23	0.004	1.50	0.67	16.5	<0.2	10	2690	0.63	0.18	0.90	1.69	8.59	5.2	24
ZZ81217		0.28	0.004	0.24	1.45	15.3	<0.2	<10	400	0.72	0.22	0.93	0.92	19.85	12.0	29
ZZ81218		0.15	0.001	0.16	0.42	5.1	<0.2	<10	410	0.17	0.08	3.63	1.30	5.45	2.9	9
ZZ81219		0.40	0.002	0.38	0.83	26.7	<0.2	<10	520	0.64	0.20	2.39	1.39	15.75	8.8	26
ZZ81220		0.15	0.002	0.10	0.51	5.8	<0.2	<10	340	0.27	0.10	2.94	0.64	6.10	3.7	10
ZZ81221		0.25	0.004	0.61	0.86	17.5	<0.2	<10	720	0.62	0.21	1.96	0.81	13.50	8.1	22
ZZ81222		0.33	0.003	0.88	0.74	15.5	<0.2	<10	1480	0.62	0.19	0.57	0.22	10.65	7.5	23
ZZ81223		0.36	0.004	1.50	0.44	12.4	<0.2	<10	1170	0.39	0.15	1.07	0.51	5.87	3.2	25
ZZ81224		0.27	0.003	0.96	0.81	14.9	<0.2	10	1760	0.50	0.17	1.34	0.34	8.53	5.4	24
ZZ81225		0.30	0.003	0.87	0.84	16.1	<0.2	10	2010	0.56	0.15	1.25	0.22	8.81	7.2	23
ZZ81226		0.24	0.003	1.03	0.76	17.9	<0.2	10	2260	0.52	0.18	0.67	0.29	6.72	3.0	24
ZZ81227		0.22	0.004	1.36	0.86	20.1	<0.2	10	2290	0.80	0.20	1.10	0.83	9.15	7.9	21
ZZ81228		0.29	0.003	1.75	0.39	13.0	<0.2	10	1260	0.45	0.15	0.41	1.23	5.52	3.1	24
ZZ81229		0.31	0.004	1.47	0.42	13.6	<0.2	10	1030	0.44	0.16	0.63	0.50	5.38	3.4	23
ZZ81230		0.19	0.004	1.48	0.45	14.4	<0.2	10	1180	0.49	0.13	1.89	0.87	5.80	4.8	21
ZZ81231		0.24	0.004	1.30	0.51	18.9	<0.2	10	2890	0.51	0.16	0.97	1.04	5.43	5.3	25
ZZ81232		0.37	0.009	1.32	1.01	19.6	<0.2	10	3630	0.93	0.24	0.10	0.81	8.64	11.9	50

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Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81193		0.87	56.9	5.64	2.51	0.05	0.06	0.18	0.039	0.06	3.6	16.9	0.13	438	5.93	<0.01
ZZ81194		1.88	24.9	3.02	5.75	<0.05	0.02	0.06	0.032	0.09	8.5	13.3	0.23	265	3.07	0.02
ZZ81195		1.95	25.5	3.08	6.18	<0.05	0.02	0.12	0.031	0.06	8.8	8.2	0.12	145	3.88	<0.01
ZZ81196		2.80	58.7	1.28	3.15	0.07	<0.02	0.52	0.030	0.09	8.3	10.4	0.17	61	1.28	<0.01
ZZ81197		1.06	41.5	2.31	3.23	0.06	0.03	0.12	0.034	0.12	5.6	13.0	0.24	1440	5.10	<0.01
ZZ81198		0.90	24.2	2.97	6.91	<0.05	0.02	0.04	0.027	0.09	8.2	5.6	0.12	143	20.1	<0.01
ZZ81199		1.05	113.0	2.61	6.03	0.10	0.02	0.14	0.044	0.07	25.0	9.0	0.11	564	42.3	<0.01
ZZ81200		0.73	92.0	1.33	2.95	0.09	0.05	0.73	0.025	0.09	21.6	7.3	0.42	236	16.90	<0.01
ZZ81201		0.55	105.0	1.40	2.40	0.11	0.05	0.29	0.022	0.11	27.0	5.7	0.73	228	20.7	<0.01
ZZ81202		0.76	57.5	1.92	2.17	0.06	0.04	0.15	0.028	0.11	10.5	6.3	0.18	243	7.07	<0.01
ZZ81203		0.60	22.6	2.02	2.34	0.05	0.06	0.09	0.027	0.08	7.5	8.5	0.23	368	1.58	0.01
ZZ81204		0.56	23.4	2.40	2.26	0.05	0.06	0.07	0.029	0.10	8.0	8.7	0.21	433	2.89	0.01
ZZ81205		0.74	25.0	2.92	3.32	0.06	0.05	0.07	0.041	0.11	10.5	12.0	0.27	429	3.21	<0.01
ZZ81206		1.23	25.7	2.28	2.95	0.06	0.06	0.06	0.034	0.12	8.9	13.9	0.28	788	1.65	<0.01
ZZ81207		2.66	29.8	1.83	3.25	<0.05	0.07	0.05	0.026	0.12	6.3	18.3	0.42	709	0.77	<0.01
ZZ81208		0.60	20.3	2.18	3.79	<0.05	0.04	0.05	0.020	0.06	4.4	10.3	0.12	153	5.65	<0.01
ZZ81209		2.53	13.8	1.74	4.58	<0.05	<0.02	0.02	0.016	0.07	6.6	4.0	0.11	509	3.00	<0.01
ZZ81210		0.60	51.3	1.96	1.32	0.05	0.06	0.17	0.028	0.09	3.8	2.9	0.07	212	6.06	<0.01
ZZ81211		0.41	54.6	1.89	0.91	0.06	0.06	0.17	0.017	0.05	6.5	1.7	0.07	510	3.46	<0.01
ZZ81212		0.60	59.3	1.58	1.91	0.06	0.06	0.17	0.032	0.08	5.0	5.4	0.10	87	4.29	<0.01
ZZ81213		0.57	42.8	2.37	1.45	0.07	0.05	0.19	0.023	0.04	3.3	3.2	0.09	942	10.50	<0.01
ZZ81214		0.56	35.1	1.56	1.30	<0.05	0.05	0.18	0.024	0.07	4.1	4.1	0.29	266	4.58	<0.01
ZZ81215		0.57	41.0	5.13	1.33	0.08	0.05	0.13	0.025	0.07	2.7	3.0	0.06	596	12.50	<0.01
ZZ81216		0.61	61.1	1.97	1.98	0.07	0.06	0.22	0.036	0.07	4.8	5.6	0.10	196	4.97	<0.01
ZZ81217		0.80	27.6	2.98	4.06	0.06	0.05	0.15	0.027	0.04	13.5	17.3	0.40	415	1.49	<0.01
ZZ81218		0.36	10.8	0.75	1.19	<0.05	0.02	0.14	0.011	0.03	6.5	1.9	0.05	368	1.05	<0.01
ZZ81219		1.59	28.7	2.44	2.51	0.07	0.04	0.17	0.034	0.07	15.2	9.9	0.32	313	2.33	<0.01
ZZ81220		0.33	10.3	0.85	1.32	<0.05	0.03	0.11	0.014	0.03	8.2	1.6	0.06	386	0.71	<0.01
ZZ81221		1.20	31.3	2.13	2.68	0.06	0.05	0.20	0.035	0.06	17.6	8.4	0.19	281	1.63	0.01
ZZ81222		0.50	38.7	2.21	2.20	<0.05	0.05	0.14	0.031	0.05	5.6	5.6	0.11	332	3.85	<0.01
ZZ81223		0.49	41.3	1.79	1.23	<0.05	0.07	0.16	0.025	0.06	3.4	2.3	0.07	85	2.78	0.01
ZZ81224		0.55	25.9	1.89	2.48	<0.05	0.04	0.18	0.027	0.06	4.4	7.5	0.15	208	2.11	<0.01
ZZ81225		0.52	28.8	2.23	2.51	0.05	0.06	0.14	0.025	0.05	4.6	7.4	0.16	404	2.80	<0.01
ZZ81226		0.53	25.4	2.08	2.32	0.06	0.04	0.14	0.027	0.06	3.6	4.9	0.09	64	2.98	<0.01
ZZ81227		0.55	55.6	2.67	2.20	0.06	0.05	0.19	0.035	0.07	5.0	6.6	0.11	214	3.41	<0.01
ZZ81228		0.40	41.3	1.73	1.01	0.05	0.02	0.18	0.026	0.06	3.2	1.4	0.03	42	3.03	<0.01
ZZ81229		0.66	39.4	1.70	1.19	<0.05	0.02	0.17	0.028	0.05	3.1	1.7	0.03	79	3.45	<0.01
ZZ81230		0.46	48.4	1.81	1.17	0.07	0.05	0.16	0.023	0.04	3.3	2.5	0.07	230	2.84	<0.01
ZZ81231		0.32	48.0	2.28	1.41	0.05	0.05	0.19	0.031	0.07	3.1	3.5	0.06	144	5.44	<0.01
ZZ81232		0.75	171.0	4.57	2.09	0.07	0.03	0.26	0.062	0.06	4.9	4.6	0.03	131	4.50	<0.01

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81193		0.22	82.8	560	26.1	12.7	0.001	0.02	3.84	3.6	4.6	0.3	2.9	<0.01	0.10	4.9
ZZ81194		1.10	16.9	640	13.7	14.3	0.001	0.05	1.21	2.2	1.3	0.7	9.8	<0.01	0.07	3.1
ZZ81195		1.45	10.9	660	15.1	10.5	0.001	0.04	1.47	1.8	1.4	0.7	7.8	<0.01	0.06	3.4
ZZ81196		0.46	13.3	910	14.8	13.1	0.002	0.10	0.63	2.1	4.0	0.4	26.6	<0.01	0.05	1.2
ZZ81197		0.25	30.8	680	19.0	12.0	0.002	0.03	1.51	3.1	5.0	0.4	36.6	<0.01	0.08	2.8
ZZ81198		0.82	43.0	860	16.6	10.4	0.002	0.10	5.45	2.3	5.9	0.9	28.6	<0.01	0.12	2.1
ZZ81199		0.45	160.5	4210	16.1	12.0	0.005	0.06	18.55	3.6	11.3	0.7	22.2	<0.01	0.22	1.0
ZZ81200		0.30	200	2030	7.7	8.0	0.008	0.09	9.35	6.2	7.6	0.6	71.0	<0.01	0.12	1.2
ZZ81201		0.18	154.5	2010	12.4	8.8	0.009	0.06	10.80	3.1	7.4	0.6	70.6	<0.01	0.11	2.1
ZZ81202		0.26	44.7	2020	11.5	7.8	0.009	0.10	3.55	3.2	4.0	0.4	77.5	<0.01	0.07	0.8
ZZ81203		0.30	26.7	740	9.5	8.1	0.010	0.12	1.32	2.5	2.4	0.4	83.7	<0.01	0.02	0.7
ZZ81204		0.29	24.6	930	10.6	8.3	0.006	0.11	1.23	2.7	2.7	0.4	83.0	<0.01	0.02	0.9
ZZ81205		0.42	22.5	800	16.7	10.3	0.003	0.07	0.80	4.0	1.8	0.5	52.9	<0.01	0.03	1.6
ZZ81206		0.37	22.4	670	16.5	9.7	0.003	0.08	0.68	3.8	1.3	0.4	55.0	<0.01	0.02	1.4
ZZ81207		0.54	19.3	570	18.0	11.3	0.002	0.08	0.47	3.1	1.2	0.4	49.5	<0.01	0.02	1.4
ZZ81208		0.64	21.3	440	11.2	6.7	0.002	0.06	2.08	1.5	1.4	0.6	47.8	<0.01	0.06	1.4
ZZ81209		0.62	8.9	360	16.7	11.0	0.001	0.03	1.00	1.4	0.9	0.7	19.7	<0.01	0.05	1.1
ZZ81210		0.10	48.8	1190	9.9	6.7	0.012	0.13	1.69	3.7	5.9	0.3	121.0	<0.01	0.09	1.4
ZZ81211		0.11	57.4	1160	7.0	4.4	0.012	0.19	1.52	3.7	5.9	0.2	125.5	<0.01	0.06	0.5
ZZ81212		0.17	50.6	1060	12.8	6.8	0.015	0.13	2.17	4.3	7.1	0.4	118.5	<0.01	0.12	1.9
ZZ81213		0.14	49.0	1310	9.4	7.0	0.044	0.15	1.69	2.9	13.0	0.3	99.9	<0.01	0.06	0.5
ZZ81214		0.13	48.8	1100	8.1	6.0	0.012	0.14	1.65	3.3	7.1	0.3	127.5	<0.01	0.08	1.3
ZZ81215		0.13	57.3	1220	8.8	6.3	0.030	0.18	2.69	2.7	15.0	0.3	86.8	<0.01	0.10	0.9
ZZ81216		0.18	66.6	1080	11.6	7.1	0.019	0.14	1.58	4.1	7.3	0.4	116.5	<0.01	0.10	1.3
ZZ81217		0.40	28.1	680	15.7	8.1	0.001	0.06	0.64	3.5	1.1	0.4	17.2	<0.01	0.05	1.0
ZZ81218		0.19	8.8	1210	4.8	2.3	0.001	0.22	0.41	0.4	1.0	<0.2	43.5	<0.01	0.03	<0.2
ZZ81219		0.27	42.7	1240	14.3	7.3	0.002	0.06	0.94	3.4	1.9	0.4	41.0	<0.01	0.07	1.1
ZZ81220		0.26	8.8	1180	5.5	2.9	0.001	0.18	0.37	0.6	1.1	0.2	36.4	<0.01	0.04	<0.2
ZZ81221		0.30	35.7	1150	14.1	7.0	0.001	0.11	0.89	2.8	2.7	0.4	45.4	<0.01	0.09	0.6
ZZ81222		0.12	38.0	800	13.4	6.6	0.003	0.03	0.98	4.4	3.7	0.4	46.5	<0.01	0.09	2.2
ZZ81223		0.11	45.9	1090	7.5	5.8	0.005	0.12	1.11	3.4	4.5	0.3	85.6	<0.01	0.08	1.5
ZZ81224		0.19	26.2	1000	11.4	7.4	0.005	0.07	0.74	3.5	3.6	0.4	69.1	<0.01	0.11	1.4
ZZ81225		0.17	27.5	1200	10.8	6.8	0.005	0.10	0.89	2.9	6.2	0.3	79.0	<0.01	0.09	1.1
ZZ81226		0.14	20.0	940	11.1	8.1	0.007	0.09	0.80	3.1	16.5	0.4	72.8	<0.01	0.14	1.5
ZZ81227		0.17	69.5	1290	13.1	7.5	0.009	0.10	1.37	4.8	9.9	0.4	121.0	<0.01	0.11	1.5
ZZ81228		0.05	39.0	1210	7.8	6.3	0.005	0.07	1.00	2.9	5.9	0.3	57.3	<0.01	0.13	0.8
ZZ81229		0.06	40.3	1130	8.8	6.4	0.008	0.05	0.99	2.8	5.4	0.3	71.4	<0.01	0.14	1.0
ZZ81230		0.09	64.5	1280	8.1	5.2	0.012	0.15	1.41	2.4	9.7	0.2	113.0	<0.01	0.10	0.4
ZZ81231		0.07	65.7	1410	9.5	5.0	0.013	0.12	1.16	4.1	8.0	0.3	156.5	<0.01	0.10	1.1
ZZ81232		0.12	137.5	1130	14.0	7.8	0.006	0.11	1.16	11.9	7.0	0.4	89.0	<0.01	0.12	2.5

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minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ81193		<0.005	0.30	1.13	55	<0.05	8.68	260	3.7
ZZ81194		0.023	0.22	0.62	74	0.17	2.76	113	0.9
ZZ81195		0.032	0.34	0.87	78	0.25	2.32	68	0.8
ZZ81196		0.008	0.66	2.33	30	0.08	17.75	55	<0.5
ZZ81197		0.005	0.30	1.21	62	0.07	12.15	159	0.8
ZZ81198		0.014	1.17	0.91	301	0.18	3.09	213	1.0
ZZ81199		0.013	0.84	8.36	701	0.28	24.7	522	0.9
ZZ81200		0.009	1.03	4.31	484	0.16	35.5	1870	2.7
ZZ81201		0.006	0.46	6.57	808	0.20	36.4	902	3.3
ZZ81202		<0.005	0.21	3.17	121	0.06	14.70	294	2.1
ZZ81203		<0.005	0.12	1.82	72	<0.05	8.16	173	2.7
ZZ81204		<0.005	0.13	2.75	44	<0.05	8.67	138	3.1
ZZ81205		0.005	0.14	1.73	42	<0.05	10.70	88	2.5
ZZ81206		0.005	0.12	1.37	30	<0.05	11.25	103	2.7
ZZ81207		0.009	0.12	1.85	23	0.06	12.00	74	2.8
ZZ81208		0.013	0.27	0.62	117	0.12	2.59	108	1.7
ZZ81209		0.018	0.19	0.67	80	0.19	4.24	46	<0.5
ZZ81210		<0.005	0.18	2.95	53	0.05	18.45	204	2.5
ZZ81211		<0.005	0.14	4.17	43	<0.05	26.8	137	3.6
ZZ81212		<0.005	0.25	4.09	78	0.10	18.90	185	2.3
ZZ81213		<0.005	0.26	5.46	64	0.11	13.90	143	2.0
ZZ81214		<0.005	0.20	3.01	49	0.06	14.60	233	2.7
ZZ81215		<0.005	0.20	4.03	58	0.07	11.10	233	1.8
ZZ81216		<0.005	0.20	3.52	63	0.08	21.7	209	2.3
ZZ81217		0.013	0.11	0.66	42	0.12	20.8	95	1.2
ZZ81218		0.008	0.06	1.38	15	<0.05	12.25	101	0.8
ZZ81219		0.008	0.30	1.14	42	0.13	30.6	211	1.4
ZZ81220		0.010	0.08	0.97	21	0.06	14.65	103	1.4
ZZ81221		0.006	0.22	2.61	37	0.08	36.2	157	1.8
ZZ81222		<0.005	0.09	3.40	53	<0.05	18.65	116	2.3
ZZ81223		<0.005	0.10	2.25	39	<0.05	15.25	142	3.6
ZZ81224		<0.005	0.12	1.82	56	0.06	11.25	120	1.9
ZZ81225		<0.005	0.11	2.82	57	0.06	13.50	87	2.0
ZZ81226		<0.005	0.11	2.78	64	<0.05	10.20	67	1.5
ZZ81227		<0.005	0.12	2.44	58	0.05	29.4	171	2.3
ZZ81228		<0.005	0.08	2.63	43	<0.05	19.25	169	0.8
ZZ81229		<0.005	0.10	2.61	48	<0.05	16.35	142	0.7
ZZ81230		<0.005	0.10	2.46	41	<0.05	19.10	157	2.0
ZZ81231		<0.005	0.10	2.44	48	0.06	21.8	237	1.9
ZZ81232		<0.005	0.26	4.55	83	0.05	36.5	303	1.1

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81233		0.32	0.002	0.61	0.90	16.6	<0.2	<10	2350	0.34	0.22	0.03	0.32	10.15	4.0	24
ZZ81234		0.41	0.003	1.37	0.99	17.7	<0.2	<10	2050	0.38	0.23	0.13	0.43	12.40	6.2	25
ZZ81235		0.28	0.005	4.43	0.84	15.3	<0.2	10	3710	0.56	0.20	0.88	2.66	12.85	6.0	32
ZZ81236		0.33	0.004	1.79	0.85	16.5	<0.2	10	3250	0.64	0.22	0.60	3.60	13.00	7.0	26
ZZ81237		0.23	0.004	0.73	0.78	8.8	<0.2	<10	280	0.17	0.19	0.04	0.31	13.35	3.2	16
ZZ81238		0.41	0.001	0.17	1.23	13.5	<0.2	<10	150	0.37	0.28	0.02	0.32	18.10	6.9	20
ZZ81239		0.35	0.001	0.45	0.72	10.1	<0.2	<10	380	0.25	0.22	0.12	0.69	15.00	4.2	14
ZZ81240		0.29	0.005	1.01	1.36	18.8	<0.2	<10	280	1.14	0.22	0.09	1.94	22.4	17.1	24
ZZ81241		0.40	0.002	0.17	0.76	11.5	<0.2	<10	110	0.22	0.21	0.01	0.20	9.36	4.1	14
ZZ81242		0.31	0.005	1.17	0.59	5.5	<0.2	<10	340	0.26	0.22	0.45	0.50	15.45	1.3	11
ZZ81243		0.36	0.004	0.99	0.53	6.5	<0.2	<10	170	0.25	0.22	0.08	0.31	9.57	1.0	11
ZZ81244		0.29	0.005	0.86	0.83	9.9	<0.2	<10	180	0.19	0.25	0.15	0.73	20.4	2.5	21
ZZ81245		0.24	0.008	2.82	0.65	7.2	<0.2	<10	150	0.44	0.14	0.16	10.05	12.90	3.0	19
ZZ81246		0.19	0.001	1.74	0.43	4.7	<0.2	<10	120	0.18	0.11	0.24	1.84	9.61	2.1	21
ZZ81247		0.25	0.003	0.75	0.36	3.1	<0.2	<10	130	0.28	0.10	0.30	2.29	14.30	1.2	19
ZZ81248		0.17	0.002	0.71	0.88	16.2	<0.2	<10	270	0.64	0.22	0.56	2.76	19.60	25.0	22
ZZ81249		0.30	0.002	0.70	1.07	10.2	<0.2	<10	310	1.12	0.22	1.64	7.24	27.2	23.7	20
ZZ81250		0.33	0.001	0.21	1.11	9.2	<0.2	10	250	1.55	0.26	1.14	2.23	35.2	20.9	20
ZZ81251		0.29	0.002	0.08	0.75	8.3	<0.2	<10	50	0.41	0.21	0.03	0.13	25.7	7.1	14
ZZ81252		0.39	0.001	0.05	1.85	16.1	<0.2	<10	120	0.81	0.24	0.04	0.16	19.90	14.0	25
ZZ81253		0.31	<0.001	0.15	1.27	7.7	<0.2	<10	320	1.29	0.24	0.91	1.96	27.8	19.3	19
ZZ81254		0.51	0.002	0.17	1.22	9.0	<0.2	<10	370	1.10	0.28	1.27	0.68	19.90	13.3	22
ZZ81255		0.35	<0.001	0.24	1.54	39.5	<0.2	<10	100	1.37	0.55	0.04	0.12	13.25	33.0	27
ZZ81256		0.39	0.001	0.04	1.81	18.9	<0.2	<10	130	1.27	0.50	0.20	0.10	12.70	24.4	29
ZZ81257		0.18	0.003	0.68	0.98	3.3	<0.2	<10	650	0.89	0.21	0.79	1.38	13.65	7.0	21
ZZ81258		0.25	0.003	0.68	0.96	11.9	<0.2	<10	930	1.20	0.24	0.57	2.98	17.65	8.3	20
ZZ81259		0.24	0.003	0.95	0.69	10.9	<0.2	<10	1520	0.76	0.19	0.77	2.44	11.25	5.4	19
ZZ81260		0.28	0.004	0.92	0.84	13.6	<0.2	10	1630	0.73	0.23	0.74	1.65	13.30	8.5	21
ZZ81261		0.22	0.004	1.06	0.75	17.3	<0.2	10	1600	0.71	0.20	1.02	1.57	11.60	10.1	19
ZZ81262		0.23	0.004	0.97	0.60	14.5	<0.2	10	1960	0.60	0.18	1.11	1.56	9.37	7.3	18
ZZ81263		0.17	0.004	1.02	0.57	15.8	<0.2	10	1720	0.56	0.18	1.17	1.74	9.74	10.6	18
ZZ81264		0.11	0.003	0.51	0.32	11.8	<0.2	10	1280	0.27	0.08	2.99	1.47	3.14	3.5	7
ZZ81265		0.37	0.003	0.30	1.18	14.7	<0.2	<10	410	0.98	0.29	2.60	1.38	20.9	14.2	19
ZZ81266		0.46	0.002	0.33	1.17	13.4	<0.2	<10	350	0.88	0.28	1.20	0.98	17.90	11.1	20
ZZ81267		0.12	0.002	0.30	0.64	6.1	<0.2	<10	370	0.31	0.13	2.06	1.27	9.28	4.7	11
ZZ81268		0.08	0.003	1.01	0.48	2.2	<0.2	10	1150	0.22	0.07	4.46	0.22	5.34	2.9	6
ZZ81269		0.23	0.004	1.25	0.52	13.5	<0.2	10	1000	0.51	0.19	1.00	0.49	7.20	5.4	18
ZZ81270		0.20	0.004	1.31	0.64	12.9	<0.2	10	1160	0.52	0.19	1.16	0.69	8.07	6.2	20
ZZ81271		0.29	0.004	1.21	0.87	15.9	<0.2	10	1870	0.60	0.23	0.70	0.37	11.60	8.7	24
ZZ81272		0.37	0.002	0.85	0.78	21.8	<0.2	<10	1040	0.53	0.22	0.11	0.37	12.05	9.5	25

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 17-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ81233		0.63	22.1	2.83	3.64	<0.05	0.02	0.03	0.033	0.07	5.3	7.4	0.09	109	7.18	<0.01
ZZ81234		0.64	27.1	2.66	3.89	<0.05	<0.02	0.08	0.031	0.09	6.3	7.8	0.14	216	9.83	<0.01
ZZ81235		0.50	53.4	2.07	2.79	0.06	0.02	0.28	0.032	0.08	8.1	8.6	0.14	173	7.79	<0.01
ZZ81236		0.58	47.1	2.51	2.83	0.05	0.02	0.18	0.033	0.10	7.0	10.1	0.19	279	10.80	<0.01
ZZ81237		0.81	14.2	1.91	5.15	<0.05	<0.02	0.05	0.017	0.06	6.7	3.8	0.10	169	3.28	<0.01
ZZ81238		1.21	22.7	3.15	6.27	<0.05	<0.02	0.02	0.027	0.06	8.7	12.4	0.22	284	2.12	<0.01
ZZ81239		1.00	24.8	1.72	4.10	<0.05	<0.02	0.03	0.017	0.07	7.1	6.1	0.15	157	3.98	0.01
ZZ81240		0.88	72.9	4.26	3.22	0.07	0.05	0.11	0.039	0.10	9.7	16.0	0.23	801	10.05	0.01
ZZ81241		0.96	24.2	2.01	3.47	<0.05	<0.02	0.02	0.022	0.06	4.7	3.6	0.08	84	6.88	0.01
ZZ81242		0.96	37.5	1.29	2.42	0.08	0.02	0.27	0.026	0.09	6.1	10.0	0.17	21	1.97	0.01
ZZ81243		0.93	25.7	1.18	2.24	<0.05	<0.02	0.27	0.021	0.07	4.3	4.2	0.09	14	2.06	0.01
ZZ81244		0.91	38.8	2.10	3.36	0.07	0.02	0.32	0.033	0.07	9.2	9.5	0.23	61	4.26	0.01
ZZ81245		1.07	68.3	1.28	2.32	0.07	<0.02	0.66	0.028	0.04	6.7	1.1	0.03	53	3.33	<0.01
ZZ81246		0.61	23.6	0.90	2.89	<0.05	<0.02	0.32	0.015	0.05	5.7	3.0	0.04	24	1.91	<0.01
ZZ81247		0.51	48.7	0.44	2.36	<0.05	<0.02	0.17	0.012	0.07	8.5	2.7	0.04	19	2.31	<0.01
ZZ81248		0.73	38.5	3.35	3.06	0.06	0.03	0.20	0.025	0.08	9.7	10.5	0.17	1100	15.30	<0.01
ZZ81249		0.90	56.8	2.52	3.26	0.05	0.09	0.17	0.040	0.07	14.0	13.8	0.20	978	5.62	<0.01
ZZ81250		0.92	38.3	3.69	3.31	0.07	0.10	0.09	0.050	0.14	15.5	14.2	0.25	787	6.10	<0.01
ZZ81251		3.06	17.7	2.25	3.29	<0.05	0.05	0.04	0.024	0.07	10.6	9.3	0.12	157	3.52	<0.01
ZZ81252		1.28	25.4	3.00	4.03	<0.05	0.09	0.05	0.037	0.05	9.1	22.2	0.43	376	1.73	<0.01
ZZ81253		1.27	26.9	3.23	3.66	0.05	0.09	0.06	0.041	0.12	12.7	18.6	0.30	860	3.69	<0.01
ZZ81254		1.78	38.7	2.93	3.77	0.05	0.09	0.08	0.035	0.11	9.4	21.8	0.58	684	1.12	0.01
ZZ81255		3.56	50.2	3.96	5.38	<0.05	0.05	0.06	0.040	0.06	3.9	20.9	0.28	1320	2.87	<0.01
ZZ81256		3.43	34.9	3.93	6.99	<0.05	0.06	0.02	0.041	0.08	5.0	39.8	0.45	1220	1.44	<0.01
ZZ81257		1.46	50.0	1.48	2.95	<0.05	0.09	0.16	0.032	0.09	7.0	13.5	0.25	303	1.74	<0.01
ZZ81258		1.43	73.7	2.45	2.97	0.05	0.08	0.15	0.037	0.09	8.8	11.7	0.18	235	5.03	<0.01
ZZ81259		1.01	66.6	1.59	2.12	<0.05	0.07	0.21	0.032	0.08	6.2	8.1	0.16	278	3.15	<0.01
ZZ81260		0.76	59.7	2.27	2.76	<0.05	0.07	0.16	0.034	0.08	6.7	11.5	0.24	630	4.10	<0.01
ZZ81261		0.68	64.9	2.94	2.43	0.05	0.08	0.17	0.032	0.06	6.0	9.2	0.20	682	6.09	<0.01
ZZ81262		0.61	57.3	1.93	1.95	0.05	0.08	0.16	0.031	0.06	5.1	6.6	0.13	363	4.02	<0.01
ZZ81263		0.65	50.3	2.34	1.77	0.05	0.08	0.16	0.030	0.07	5.2	6.5	0.18	847	4.51	<0.01
ZZ81264		0.30	37.8	1.56	0.80	<0.05	0.06	0.09	0.013	0.02	1.7	1.7	0.18	570	2.10	0.01
ZZ81265		0.92	51.8	3.86	3.98	0.05	0.10	0.14	0.033	0.08	10.1	20.8	1.61	980	2.37	0.01
ZZ81266		1.63	64.5	3.45	3.82	<0.05	0.08	0.19	0.034	0.09	9.8	19.0	0.72	443	2.21	<0.01
ZZ81267		0.53	9.7	0.95	2.22	<0.05	0.05	0.08	0.018	0.02	9.0	1.4	0.04	273	0.82	0.01
ZZ81268		0.18	36.2	0.54	1.07	<0.05	0.09	0.16	0.010	0.02	2.8	1.2	0.08	415	1.19	0.01
ZZ81269		0.58	50.4	1.85	1.49	<0.05	0.07	0.16	0.034	0.07	3.7	3.8	0.08	130	2.75	0.01
ZZ81270		0.47	43.6	1.83	1.85	<0.05	0.09	0.19	0.031	0.07	4.1	6.2	0.13	229	2.26	<0.01
ZZ81271		0.79	37.6	2.29	2.81	<0.05	0.06	0.16	0.034	0.08	6.1	10.5	0.17	259	4.09	<0.01
ZZ81272		0.76	43.1	2.74	2.63	0.05	0.04	0.10	0.032	0.08	6.3	7.2	0.13	277	5.25	0.01

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Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81233		0.36	28.5	570	13.4	10.3	0.002	0.18	1.47	2.0	4.8	0.5	65.5	<0.01	0.07	2.1
ZZ81234		0.41	23.9	1280	14.3	9.3	0.002	0.18	1.37	2.2	3.4	0.5	84.9	<0.01	0.09	1.4
ZZ81235		0.25	48.6	1460	11.5	7.5	0.008	0.12	1.89	3.3	6.4	0.5	125.5	<0.01	0.10	1.1
ZZ81236		0.22	46.7	1480	13.4	8.9	0.010	0.13	2.29	3.6	6.8	0.4	111.5	<0.01	0.10	2.1
ZZ81237		0.68	10.1	470	8.5	8.5	0.001	0.03	1.08	1.1	0.9	0.6	10.2	<0.01	0.06	0.6
ZZ81238		0.74	16.3	490	16.0	12.8	0.001	0.01	0.79	2.2	1.3	0.7	7.6	<0.01	0.05	1.8
ZZ81239		0.47	20.9	350	9.5	9.9	0.002	0.03	1.22	1.0	1.7	0.5	17.7	<0.01	0.04	0.3
ZZ81240		0.23	75.6	1050	21.8	9.9	0.005	0.06	3.16	3.7	4.8	0.4	17.4	<0.01	0.09	3.7
ZZ81241		0.35	22.8	270	11.7	11.8	0.001	0.03	1.83	1.5	2.3	0.5	7.7	<0.01	0.07	1.5
ZZ81242		0.29	14.0	500	12.2	10.4	0.003	0.08	0.63	2.6	6.3	0.4	48.6	<0.01	0.05	2.0
ZZ81243		0.23	8.9	570	10.7	9.9	0.003	0.07	0.75	1.7	3.9	0.4	12.6	<0.01	0.04	1.5
ZZ81244		0.91	16.7	970	9.7	10.0	0.003	0.09	1.17	3.1	5.3	0.5	19.7	<0.01	0.05	2.0
ZZ81245		0.27	49.6	1340	4.4	6.2	0.002	0.10	3.51	0.7	13.1	0.5	23.9	<0.01	0.04	<0.2
ZZ81246		0.24	19.1	1140	4.7	7.5	0.006	0.10	1.40	0.5	4.8	0.4	14.8	<0.01	0.05	<0.2
ZZ81247		0.20	16.8	560	5.6	7.8	0.007	0.07	1.31	1.1	2.5	0.5	15.3	<0.01	0.05	0.7
ZZ81248		0.32	43.7	1350	12.7	10.3	0.008	0.08	2.35	3.4	4.0	0.4	30.4	<0.01	0.06	2.0
ZZ81249		0.40	67.7	880	15.8	8.9	0.002	0.08	2.03	5.0	2.4	0.4	73.9	<0.01	0.06	2.4
ZZ81250		0.44	52.0	800	19.8	12.4	0.002	0.05	1.45	6.0	1.7	0.5	55.7	<0.01	0.04	3.0
ZZ81251		0.39	17.2	290	16.8	9.2	<0.001	0.02	0.66	1.8	0.6	0.4	5.0	<0.01	0.04	2.6
ZZ81252		0.67	29.7	200	16.9	7.8	<0.001	0.01	0.86	3.0	0.7	0.4	8.8	<0.01	0.05	4.1
ZZ81253		0.44	38.0	570	20.5	13.1	0.001	0.05	0.94	4.8	1.2	0.5	40.2	<0.01	0.04	2.6
ZZ81254		0.47	30.7	600	18.4	9.9	<0.001	0.05	0.68	4.9	1.0	0.4	44.0	<0.01	0.04	2.5
ZZ81255		0.42	25.1	660	66.5	8.9	<0.001	0.06	0.61	3.6	0.5	0.6	8.7	<0.01	0.05	2.7
ZZ81256		0.39	26.5	470	24.0	11.2	<0.001	0.02	0.32	4.3	0.3	0.8	16.3	<0.01	0.06	3.1
ZZ81257		0.37	33.3	760	13.8	10.4	0.009	0.10	1.35	4.4	2.4	0.4	44.1	<0.01	0.03	2.0
ZZ81258		0.39	41.3	810	16.8	11.5	0.008	0.10	2.47	4.9	4.5	0.4	42.3	<0.01	0.06	2.1
ZZ81259		0.26	37.1	1070	12.3	7.5	0.012	0.08	1.57	4.4	6.7	0.4	75.2	<0.01	0.09	1.9
ZZ81260		0.34	50.3	900	14.4	7.5	0.012	0.08	1.87	4.6	5.4	0.4	73.8	<0.01	0.09	2.3
ZZ81261		0.30	58.2	1020	13.2	7.0	0.011	0.09	2.31	4.3	6.8	0.3	79.1	<0.01	0.11	1.6
ZZ81262		0.25	53.1	1060	11.0	6.5	0.011	0.11	1.83	3.5	6.5	0.3	97.5	<0.01	0.09	1.2
ZZ81263		0.24	65.3	1030	10.9	7.3	0.018	0.11	1.89	3.6	6.5	0.3	95.9	<0.01	0.09	1.4
ZZ81264		0.20	39.7	850	4.0	2.5	0.008	0.16	1.26	0.9	5.7	<0.2	130.5	<0.01	0.05	0.2
ZZ81265		0.36	33.3	680	41.8	7.5	0.001	0.04	1.09	6.6	1.3	0.4	37.8	<0.01	0.08	3.7
ZZ81266		0.36	28.9	580	26.0	10.2	0.001	0.04	1.08	6.4	1.3	0.4	31.9	<0.01	0.05	2.4
ZZ81267		0.45	8.3	1100	6.7	1.9	<0.001	0.13	0.28	1.2	1.0	0.3	40.8	<0.01	0.03	0.2
ZZ81268		0.29	14.9	1470	2.9	1.0	0.005	0.27	0.80	1.0	5.4	<0.2	117.5	0.01	0.02	0.2
ZZ81269		0.16	47.5	1110	10.7	6.5	0.008	0.09	1.20	4.1	4.0	0.3	106.0	<0.01	0.11	1.2
ZZ81270		0.17	42.8	1150	10.2	6.5	0.013	0.08	1.02	4.0	4.3	0.3	89.7	<0.01	0.09	1.4
ZZ81271		0.27	36.2	1120	13.8	9.1	0.007	0.06	1.13	4.1	4.4	0.4	83.6	<0.01	0.12	1.9
ZZ81272		0.28	52.0	1160	11.6	7.6	0.003	0.15	1.40	3.6	5.5	0.4	104.0	<0.01	0.12	2.0

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VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ81233		0.007	0.28	0.82	85	0.10	3.44	140	0.9
ZZ81234		0.009	0.28	1.41	87	0.13	5.68	110	0.5
ZZ81235		0.005	0.33	4.42	81	0.15	18.90	187	0.8
ZZ81236		<0.005	0.32	2.79	83	0.09	12.85	267	0.9
ZZ81237		0.019	0.19	0.44	81	0.16	1.35	85	<0.5
ZZ81238		0.017	0.20	0.42	72	0.13	2.44	110	<0.5
ZZ81239		0.015	0.23	0.60	71	0.15	4.06	104	<0.5
ZZ81240		<0.005	0.43	2.03	135	0.07	11.00	336	1.5
ZZ81241		0.007	0.33	0.51	116	0.06	2.04	139	0.6
ZZ81242		0.005	0.55	1.69	34	0.08	14.80	34	0.6
ZZ81243		<0.005	0.50	1.00	43	0.06	5.24	22	<0.5
ZZ81244		0.023	0.65	1.72	39	0.23	9.86	45	0.8
ZZ81245		0.008	2.11	7.87	67	0.07	23.5	124	<0.5
ZZ81246		0.006	2.92	2.13	48	0.06	8.80	62	<0.5
ZZ81247		0.006	0.66	2.96	143	0.08	9.25	68	<0.5
ZZ81248		0.005	0.37	2.83	180	0.11	16.65	254	1.1
ZZ81249		<0.005	0.33	5.13	156	0.09	25.8	358	2.2
ZZ81250		<0.005	0.20	2.07	86	0.05	19.35	262	3.4
ZZ81251		0.008	0.18	0.50	29	0.07	3.54	57	1.1
ZZ81252		0.016	0.12	0.48	38	0.13	3.71	81	2.4
ZZ81253		<0.005	0.19	2.01	67	0.06	17.30	250	2.4
ZZ81254		0.007	0.13	1.56	38	0.13	13.15	140	2.3
ZZ81255		0.006	0.09	0.99	26	0.06	4.72	59	1.0
ZZ81256		0.005	0.07	0.80	30	0.06	4.43	90	1.0
ZZ81257		<0.005	0.21	2.78	42	0.07	15.75	176	2.2
ZZ81258		<0.005	0.24	3.40	91	0.09	20.9	187	2.2
ZZ81259		<0.005	0.19	4.75	55	0.10	19.60	180	1.9
ZZ81260		0.005	0.21	3.99	60	0.10	17.70	202	1.8
ZZ81261		<0.005	0.21	3.94	61	0.09	19.15	212	2.0
ZZ81262		<0.005	0.19	3.55	60	0.10	17.95	199	2.0
ZZ81263		<0.005	0.20	3.18	54	0.06	18.30	290	2.0
ZZ81264		<0.005	0.06	1.72	21	<0.05	6.55	160	1.3
ZZ81265		0.007	0.23	1.10	44	0.07	14.65	437	2.3
ZZ81266		0.007	0.21	1.05	44	0.07	14.60	473	1.9
ZZ81267		0.016	0.06	0.74	24	0.05	15.60	30	0.9
ZZ81268		0.008	0.05	4.25	10	<0.05	19.65	13	2.4
ZZ81269		<0.005	0.11	2.38	37	<0.05	17.85	170	1.6
ZZ81270		<0.005	0.10	2.28	39	<0.05	17.25	165	2.3
ZZ81271		<0.005	0.13	1.96	51	0.06	17.20	139	1.1
ZZ81272		0.006	0.19	2.03	60	0.07	14.00	174	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method: WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81273	0.38	0.004	1.13	0.88	18.5	<0.2	10	2470	0.72	0.23	0.56	0.60	12.75	9.1	23
ZZ81274	0.39	0.004	0.93	0.81	11.7	<0.2	<10	1580	0.51	0.21	0.07	1.13	11.20	10.4	17
ZZ81275	0.27	0.003	0.60	0.61	14.1	<0.2	<10	1800	0.38	0.21	0.46	0.30	6.50	5.1	21
ZZ81276	0.15	0.003	0.69	0.69	13.8	<0.2	<10	1670	0.28	0.20	0.53	0.22	7.21	2.8	17
ZZ81277	0.15	0.003	0.80	0.54	7.5	<0.2	<10	1010	0.23	0.18	0.50	0.30	7.13	1.7	15
ZZ81278	0.19	0.005	1.33	0.66	14.9	<0.2	10	1750	0.34	0.19	0.56	0.58	6.48	5.9	22
ZZ81279	0.28	0.003	0.79	0.87	15.0	<0.2	<10	2960	0.47	0.23	0.44	0.61	11.80	4.6	22
ZZ81280	0.38	0.004	1.01	0.91	16.7	<0.2	<10	3040	0.65	0.26	0.36	1.31	15.30	13.7	23
ZZ81281	0.33	0.003	0.90	0.76	14.1	<0.2	10	3640	0.54	0.20	0.51	0.53	8.79	5.5	21
ZZ81282	0.43	0.005	0.89	0.87	14.6	<0.2	<10	3740	0.74	0.25	0.37	1.18	14.40	7.1	23
ZZ81283	0.40	0.005	0.74	0.85	12.6	<0.2	<10	2200	0.42	0.24	0.20	1.21	14.15	3.2	17
ZZ81284	0.23	0.007	2.39	0.61	3.2	<0.2	<10	790	0.37	0.19	0.54	1.86	11.65	7.5	13
ZZ81285	0.22	0.008	1.57	0.72	8.5	<0.2	<10	1840	0.54	0.22	0.73	2.17	10.50	5.0	13
ZZ81286	0.30	0.001	0.95	1.11	12.7	<0.2	<10	310	0.60	0.23	0.06	0.78	13.25	6.4	20
ZZ81287	0.33	0.001	1.06	1.26	14.4	<0.2	<10	180	0.49	0.25	0.02	0.38	10.40	6.0	21
ZZ81288	0.32	0.003	0.85	0.95	8.9	<0.2	<10	140	0.38	0.23	0.03	0.35	12.55	2.8	17
ZZ81289	0.27	0.003	0.64	0.57	6.7	<0.2	<10	130	0.24	0.19	0.04	0.58	9.57	2.7	14
ZZ81290	0.34	0.003	0.43	0.96	13.2	<0.2	<10	80	0.21	0.34	0.03	0.11	13.00	3.6	17
ZZ81291	0.23	0.006	1.41	0.62	1.6	<0.2	<10	390	0.30	0.18	0.17	1.11	26.6	1.0	11
ZZ81292	0.21	0.006	0.66	0.55	3.0	<0.2	<10	240	0.22	0.18	0.09	0.55	15.75	1.1	13
ZZ81293	0.37	0.003	0.72	0.99	14.2	<0.2	<10	280	0.81	0.22	0.32	2.28	23.9	10.7	24
ZZ81294	0.22	0.003	3.12	0.92	7.8	<0.2	<10	170	0.29	0.22	0.13	1.27	14.05	2.8	25
ZZ81295	0.34	0.004	3.33	1.21	15.3	<0.2	<10	490	1.12	0.23	0.49	10.95	22.6	19.5	43
ZZ81297	0.22	0.003	0.75	0.90	9.0	<0.2	10	950	1.17	0.20	1.68	1.70	28.7	7.1	18
ZZ81298	0.39	0.002	0.12	1.23	7.1	<0.2	<10	360	1.18	0.23	1.32	0.27	26.9	11.1	21
ZZ81299	0.46	0.002	0.18	1.67	12.8	<0.2	<10	330	1.12	0.28	0.81	0.27	25.0	14.7	26
ZZ81300	0.31	0.001	0.06	1.21	11.1	<0.2	<10	170	0.53	0.30	0.35	0.16	17.65	9.3	22
ZZ81301	0.20	0.003	0.22	1.24	5.0	<0.2	<10	280	0.81	0.19	1.50	0.42	18.75	9.7	19
ZZ81302	0.35	0.002	0.24	1.26	6.7	<0.2	<10	530	0.98	0.23	1.08	0.28	18.55	10.8	22
ZZ81303	0.27	0.003	0.26	1.19	8.0	<0.2	<10	1010	0.96	0.25	0.84	0.30	19.90	9.9	32
ZZ81304	0.40	0.002	0.14	1.54	9.7	<0.2	<10	290	1.01	0.29	0.58	0.27	23.7	14.0	27
ZZ81305	0.45	0.003	0.14	1.74	12.4	<0.2	<10	340	1.30	0.33	0.63	0.32	22.9	15.8	30
ZZ81306	0.20	0.001	0.08	1.62	8.2	<0.2	<10	510	1.02	0.27	1.46	0.24	17.10	13.1	24
ZZ81307	0.32	0.002	0.13	1.66	10.6	<0.2	10	390	1.22	0.30	1.23	0.19	16.80	12.5	26
ZZ81308	0.41	0.004	1.04	1.06	16.3	<0.2	10	1990	0.77	0.21	1.00	0.64	13.20	8.5	26
ZZ81309	0.29	0.005	0.94	0.73	9.0	<0.2	<10	1060	0.51	0.17	1.80	0.53	9.93	6.6	18
ZZ81310	0.23	0.005	0.97	0.32	9.7	<0.2	10	610	0.37	0.18	0.51	0.69	9.02	4.5	17
ZZ81311	0.21	0.005	1.60	0.53	8.1	<0.2	10	1160	0.43	0.17	0.46	0.46	8.20	2.3	20
ZZ81312	0.18	0.004	0.80	0.41	5.5	<0.2	10	740	0.28	0.11	2.44	0.43	4.19	3.5	13
ZZ81313	0.22	0.003	0.93	0.42	5.4	<0.2	10	500	0.23	0.11	1.62	0.28	3.77	3.7	14

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81273		0.82	52.4	2.58	2.71	0.05	0.06	0.19	0.033	0.09	6.6	12.0	0.20	282	4.91	<0.01
ZZ81274		1.39	57.5	2.94	2.39	<0.05	0.05	0.14	0.034	0.07	5.5	7.7	0.09	324	4.24	<0.01
ZZ81275		0.51	29.8	2.23	2.20	<0.05	0.05	0.15	0.026	0.06	3.4	5.2	0.09	187	5.01	<0.01
ZZ81276		0.57	21.4	1.88	2.48	<0.05	0.04	0.12	0.021	0.05	3.6	6.4	0.11	58	6.25	<0.01
ZZ81277		0.65	17.1	1.17	2.18	<0.05	0.05	0.14	0.020	0.04	3.6	3.2	0.07	22	1.33	0.01
ZZ81278		0.68	27.6	1.58	2.18	<0.05	0.07	0.17	0.022	0.05	3.3	5.9	0.09	148	5.44	<0.01
ZZ81279		0.69	29.8	2.17	3.02	<0.05	0.05	0.15	0.030	0.08	6.1	8.8	0.17	132	5.81	<0.01
ZZ81280		0.81	42.6	2.63	3.32	0.05	0.04	0.16	0.034	0.09	8.0	12.0	0.21	645	8.04	<0.01
ZZ81281		0.56	33.2	2.18	2.60	<0.05	0.05	0.17	0.030	0.07	4.7	7.9	0.13	225	5.48	<0.01
ZZ81282		0.64	56.5	2.51	3.00	<0.05	0.06	0.20	0.035	0.09	7.4	11.1	0.20	168	6.86	<0.01
ZZ81283		0.67	48.2	1.58	2.88	<0.05	0.06	0.21	0.028	0.08	7.1	10.6	0.22	49	4.23	<0.01
ZZ81284		1.09	75.6	1.18	2.48	0.05	0.06	0.33	0.027	0.08	5.3	6.5	0.20	190	2.18	0.01
ZZ81285		0.91	53.9	2.19	2.16	0.05	0.03	0.31	0.037	0.11	4.8	8.5	0.17	115	4.54	<0.01
ZZ81286		0.63	38.3	2.53	3.64	<0.05	0.02	0.04	0.031	0.07	6.7	13.1	0.19	169	8.86	<0.01
ZZ81287		1.10	27.5	3.32	4.43	<0.05	0.03	0.04	0.034	0.08	5.3	13.0	0.15	252	8.65	<0.01
ZZ81288		1.55	28.7	1.72	4.47	<0.05	<0.02	0.06	0.029	0.06	6.2	2.2	0.06	64	4.71	<0.01
ZZ81289		1.00	29.5	1.34	3.13	<0.05	<0.02	0.08	0.026	0.07	5.0	2.0	0.04	51	4.60	<0.01
ZZ81290		1.46	23.0	3.06	5.95	<0.05	0.02	0.05	0.026	0.06	6.6	6.1	0.10	114	3.56	<0.01
ZZ81291		1.29	59.9	0.79	2.01	0.09	<0.02	0.49	0.029	0.05	10.2	3.5	0.10	17	0.36	<0.01
ZZ81292		0.94	37.9	1.03	2.34	0.05	<0.02	0.30	0.026	0.05	7.0	2.9	0.08	20	1.46	<0.01
ZZ81293		0.79	53.1	2.73	3.45	0.07	0.02	0.15	0.032	0.09	11.9	14.1	0.23	202	10.25	<0.01
ZZ81294		1.00	24.3	1.29	4.47	<0.05	0.02	0.30	0.021	0.08	7.8	8.6	0.14	37	2.39	<0.01
ZZ81295		1.08	63.5	2.27	3.97	0.08	0.04	0.42	0.037	0.09	13.7	21.0	0.23	536	11.40	0.01
ZZ81297		0.58	43.4	2.32	2.76	0.07	0.06	0.10	0.043	0.15	16.0	10.2	0.20	163	3.49	0.01
ZZ81298		0.67	23.4	2.96	3.74	0.06	0.07	0.07	0.034	0.12	12.7	17.6	0.35	451	1.77	0.01
ZZ81299		0.93	48.9	3.92	5.10	0.06	0.08	0.10	0.035	0.10	12.8	29.9	0.71	792	0.90	<0.01
ZZ81300		1.92	20.8	3.51	5.86	<0.05	0.02	0.03	0.030	0.10	8.1	17.2	0.28	666	1.47	<0.01
ZZ81301		2.68	23.4	2.11	3.62	0.05	0.09	0.15	0.027	0.10	8.9	18.1	0.43	549	0.52	0.01
ZZ81302		1.39	32.1	2.58	3.84	<0.05	0.08	0.08	0.025	0.10	9.4	25.4	0.48	608	0.90	<0.01
ZZ81303		1.14	28.4	3.15	3.49	0.05	0.07	0.08	0.027	0.10	10.0	21.4	0.47	948	1.15	0.01
ZZ81304		1.19	42.7	3.43	4.80	0.05	0.08	0.07	0.032	0.11	10.2	29.4	0.63	664	0.81	0.01
ZZ81305		1.22	67.9	3.96	5.46	0.06	0.08	0.08	0.036	0.12	11.0	31.1	0.67	775	0.99	0.01
ZZ81306		0.82	39.4	3.15	4.90	<0.05	0.10	0.07	0.031	0.11	7.7	26.7	0.64	649	0.61	0.01
ZZ81307		1.60	62.8	3.37	4.96	0.05	0.10	0.09	0.033	0.13	8.2	29.9	0.67	466	0.74	0.01
ZZ81308		0.69	50.9	2.69	3.02	0.06	0.07	0.22	0.036	0.07	9.9	11.3	0.23	273	3.44	<0.01
ZZ81309		0.55	30.7	2.01	1.97	0.05	0.05	0.13	0.028	0.05	6.1	7.1	0.14	201	2.01	0.01
ZZ81310		0.77	43.4	1.77	1.03	0.06	0.04	0.11	0.031	0.07	4.1	2.1	0.04	75	2.55	0.01
ZZ81311		0.70	39.0	1.33	1.62	0.05	0.03	0.16	0.029	0.05	4.4	2.9	0.05	34	1.54	0.01
ZZ81312		0.41	34.4	0.94	1.08	<0.05	0.06	0.14	0.018	0.04	2.1	2.1	0.08	225	1.11	0.01
ZZ81313		0.54	17.6	0.84	1.25	<0.05	0.05	0.11	0.019	0.03	2.0	2.4	0.07	151	1.50	<0.01

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Finalized Date: 17- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ81273		0.24	49.6	1090	13.8	7.9	0.004	0.06	1.46	5.6	4.0	0.4	111.5	<0.01	0.10	2.6
ZZ81274		0.33	81.7	930	10.0	8.6	0.001	0.09	1.35	6.9	4.3	0.4	76.6	<0.01	0.10	2.0
ZZ81275		0.21	29.5	720	11.0	7.3	0.002	0.07	1.02	3.3	3.5	0.3	76.5	<0.01	0.08	1.7
ZZ81276		0.25	22.9	750	10.3	8.0	0.003	0.08	0.83	2.7	3.5	0.4	74.4	<0.01	0.06	1.4
ZZ81277		0.33	16.3	760	8.0	7.0	0.002	0.12	0.63	2.6	3.7	0.3	61.9	<0.01	0.07	1.1
ZZ81278		0.23	31.6	890	10.4	7.5	0.007	0.07	0.88	3.2	4.2	0.4	88.3	<0.01	0.09	1.2
ZZ81279		0.39	27.0	940	12.3	9.5	0.005	0.09	1.18	3.3	3.3	0.4	89.8	<0.01	0.08	2.0
ZZ81280		0.33	36.9	1120	16.2	9.5	0.004	0.10	2.00	4.1	4.1	0.4	102.0	<0.01	0.07	2.8
ZZ81281		0.21	23.5	880	12.5	7.8	0.006	0.08	1.32	4.0	3.2	0.4	108.5	<0.01	0.08	2.0
ZZ81282		0.26	38.4	930	14.1	8.1	0.004	0.09	2.08	5.1	3.7	0.4	105.0	<0.01	0.08	3.5
ZZ81283		0.41	22.9	710	14.6	9.0	0.005	0.10	1.93	2.9	5.8	0.4	47.8	<0.01	0.06	2.7
ZZ81284		0.30	38.8	1040	10.6	11.0	0.002	0.12	1.35	3.6	8.1	0.3	78.6	<0.01	0.04	1.4
ZZ81285		0.19	48.3	800	14.1	10.2	0.003	0.13	2.15	3.6	5.5	0.4	88.1	<0.01	0.08	2.5
ZZ81286		0.21	43.4	790	13.9	9.2	0.001	0.08	2.98	2.1	2.3	0.5	16.4	<0.01	0.07	1.6
ZZ81287		0.43	23.6	580	14.8	16.1	<0.001	0.16	2.96	2.5	2.0	0.6	13.3	<0.01	0.11	2.2
ZZ81288		0.39	14.2	890	15.9	9.8	0.001	0.21	1.55	1.1	1.7	0.7	7.6	<0.01	0.07	0.7
ZZ81289		0.28	16.9	830	11.9	9.8	0.001	0.20	1.62	1.0	1.8	0.5	11.6	<0.01	0.06	0.6
ZZ81290		1.08	12.5	460	15.6	13.7	<0.001	0.16	1.71	1.5	1.3	0.8	5.1	<0.01	0.08	1.9
ZZ81291		0.39	12.2	860	8.9	8.8	0.001	0.21	0.64	2.9	5.5	0.3	19.7	<0.01	0.03	1.3
ZZ81292		0.34	9.2	780	10.2	7.6	0.001	0.22	0.77	0.5	4.3	0.4	15.7	<0.01	0.04	<0.2
ZZ81293		0.32	49.5	1730	16.4	9.4	0.002	0.28	4.27	3.6	4.7	0.5	27.4	<0.01	0.10	2.4
ZZ81294		0.33	16.8	1010	8.7	12.4	0.002	0.26	1.29	2.2	3.3	0.6	18.2	<0.01	0.06	1.1
ZZ81295		0.30	94.6	1690	12.7	14.2	0.010	0.27	4.12	3.9	7.1	0.5	45.5	<0.01	0.10	1.5
ZZ81297		0.22	44.4	2950	14.1	10.6	0.005	0.27	2.19	4.6	3.1	0.5	69.2	<0.01	0.11	3.7
ZZ81298		0.44	30.2	420	14.8	10.4	0.001	0.31	0.55	4.5	1.2	0.5	46.1	<0.01	0.03	2.9
ZZ81299		0.29	30.0	350	23.6	10.1	<0.001	0.23	0.49	6.7	0.9	0.5	32.4	<0.01	0.05	4.6
ZZ81300		0.46	15.8	380	20.5	15.2	<0.001	0.18	0.51	2.5	0.4	0.7	18.5	<0.01	0.05	2.3
ZZ81301		0.36	19.3	810	11.6	11.2	0.001	0.29	0.36	4.3	1.2	0.4	55.3	<0.01	0.03	1.7
ZZ81302		0.56	25.0	570	18.0	8.9	<0.001	0.04	0.49	4.5	1.1	0.4	42.8	<0.01	0.03	2.9
ZZ81303		0.42	25.1	640	15.8	9.8	0.001	0.34	0.48	4.2	1.0	0.5	38.8	<0.01	0.04	3.0
ZZ81304		0.43	30.0	400	19.4	10.3	<0.001	0.43	0.43	5.4	0.8	0.5	26.6	<0.01	0.04	4.2
ZZ81305		0.42	35.7	580	22.9	10.5	<0.001	0.51	0.54	6.7	0.9	0.6	30.4	<0.01	0.07	4.0
ZZ81306		0.42	24.9	490	17.7	10.2	<0.001	0.57	0.40	5.2	0.7	0.5	57.1	<0.01	0.06	2.6
ZZ81307		0.37	28.1	590	19.4	11.5	0.001	0.87	0.46	5.4	1.1	0.5	80.8	<0.01	0.05	2.5
ZZ81308		0.22	54.3	1120	11.5	8.0	0.001	0.87	1.15	5.0	3.1	0.4	65.8	<0.01	0.08	1.4
ZZ81309		0.16	36.2	860	9.4	5.0	0.002	0.99	0.91	2.6	2.3	0.3	49.6	<0.01	0.08	0.6
ZZ81310		0.07	41.6	1010	9.1	6.5	0.007	0.99	1.13	4.7	3.2	0.3	51.8	<0.01	0.11	2.7
ZZ81311		0.15	29.6	650	8.5	8.1	0.005	0.83	0.65	3.6	4.2	0.3	45.5	<0.01	0.09	1.4
ZZ81312		0.11	46.0	910	5.8	4.9	0.006	0.53	0.82	2.0	4.9	0.2	105.5	<0.01	0.05	0.5
ZZ81313		0.09	19.1	570	5.7	5.6	0.005	0.15	0.56	2.3	2.9	0.3	73.7	<0.01	0.05	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ81273		<0.005	0.15	2.05	52	0.06	22.0	177	1.6
ZZ81274		0.007	0.24	2.32	43	0.09	29.1	294	0.9
ZZ81275		<0.005	0.11	1.45	54	<0.05	10.85	94	0.9
ZZ81276		<0.005	0.12	1.43	54	0.06	8.26	72	0.7
ZZ81277		<0.005	0.14	2.04	24	<0.05	6.58	37	0.9
ZZ81278		<0.005	0.16	2.17	54	0.05	12.80	104	1.4
ZZ81279		0.005	0.21	2.15	68	0.10	11.45	100	1.0
ZZ81280		0.006	0.30	2.27	74	0.09	13.85	158	0.7
ZZ81281		<0.005	0.16	4.77	64	0.06	13.20	98	1.1
ZZ81282		<0.005	0.22	3.15	66	0.07	15.75	167	1.6
ZZ81283		0.006	0.39	2.06	72	0.08	9.54	97	0.9
ZZ81284		0.005	0.43	2.46	42	<0.05	11.75	104	1.0
ZZ81285		<0.005	0.32	1.68	68	0.06	12.70	165	0.9
ZZ81286		<0.005	0.35	0.86	123	0.07	3.86	200	0.8
ZZ81287		0.006	0.39	0.72	137	0.12	2.64	209	1.1
ZZ81288		0.010	0.27	1.03	78	0.13	2.47	88	<0.5
ZZ81289		0.006	0.28	1.33	66	0.08	2.60	81	<0.5
ZZ81290		0.020	0.29	0.41	83	0.19	1.53	81	0.6
ZZ81291		0.009	0.39	2.35	13	0.11	19.45	21	<0.5
ZZ81292		0.009	0.48	1.62	18	0.11	9.59	20	<0.5
ZZ81293		0.007	0.38	2.70	142	0.13	16.50	254	0.7
ZZ81294		<0.005	0.81	1.42	148	0.08	7.48	79	0.6
ZZ81295		<0.005	1.20	5.00	376	0.17	29.2	620	1.6
ZZ81297		<0.005	0.14	4.36	102	0.06	23.3	169	2.7
ZZ81298		0.006	0.12	1.16	34	0.06	10.60	72	3.0
ZZ81299		0.006	0.12	0.70	41	0.06	13.65	161	2.6
ZZ81300		0.007	0.17	0.50	47	0.11	3.01	82	0.6
ZZ81301		0.007	0.13	1.35	26	0.05	10.45	77	2.8
ZZ81302		0.010	0.13	1.21	32	0.13	11.70	95	2.5
ZZ81303		0.010	0.10	1.45	54	0.09	10.70	106	2.5
ZZ81304		0.009	0.11	0.95	35	0.09	8.54	118	2.6
ZZ81305		0.009	0.11	1.20	38	0.10	12.05	133	2.4
ZZ81306		0.005	0.09	1.34	34	0.07	8.28	106	2.8
ZZ81307		0.006	0.09	2.55	34	0.07	10.35	118	2.9
ZZ81308		0.005	0.15	2.44	58	0.07	24.6	160	2.2
ZZ81309		<0.005	0.12	2.68	39	<0.05	14.90	114	1.7
ZZ81310		<0.005	0.13	2.64	40	<0.05	19.65	188	1.9
ZZ81311		<0.005	0.12	2.83	35	<0.05	15.70	82	1.3
ZZ81312		<0.005	0.08	2.13	29	<0.05	9.69	110	2.4
ZZ81313		<0.005	0.11	2.00	30	<0.05	7.20	62	2.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ81314	0.20	0.003	1.23	0.36	10.6	<0.2	10	520	0.28	0.14	1.20	0.39	5.55	5.0	16
ZZ81315	0.24	0.003	1.58	0.53	6.3	<0.2	<10	870	0.29	0.15	0.82	0.25	8.22	1.0	18
ZZ81316	0.29	0.005	1.58	0.78	13.4	<0.2	<10	2550	0.57	0.21	0.50	0.54	10.85	4.7	24
ZZ81317	0.31	0.006	7.39	1.14	24.3	<0.2	10	200	0.87	0.18	1.54	2.51	13.30	5.1	123
ZZ81318	0.30	0.005	1.60	0.67	16.2	<0.2	10	3010	0.56	0.17	0.85	1.67	9.06	7.2	26
ZZ81319	0.23	0.004	1.47	0.67	16.9	<0.2	10	2730	0.56	0.17	0.94	1.47	8.50	5.6	26
ZZ81320	0.20	0.004	1.09	0.68	12.2	<0.2	10	2210	0.56	0.16	1.11	0.96	8.49	6.4	21
ZZ81321	0.25	0.004	1.11	0.74	12.4	<0.2	10	2310	0.58	0.18	1.05	0.72	9.74	6.3	22
ZZ81322	0.23	0.005	1.59	0.63	12.8	<0.2	<10	2110	0.53	0.19	1.11	1.19	8.04	6.8	20
ZZ81323	0.31	0.003	1.08	0.68	14.2	<0.2	<10	2240	0.57	0.18	0.39	1.07	10.25	7.4	20
ZZ81324	0.17	0.004	0.94	0.63	12.4	<0.2	10	1780	0.51	0.17	1.08	1.09	8.39	6.2	18
ZZ81325	0.43	0.003	0.56	1.08	13.8	<0.2	<10	1130	0.88	0.25	0.66	1.83	17.40	12.4	22
ZZ81326	0.37	0.002	0.64	0.80	13.9	<0.2	<10	2490	0.58	0.18	0.31	1.86	13.70	7.5	22
ZZ81327	0.25	0.003	0.58	0.91	7.2	<0.2	<10	1870	0.47	0.16	0.90	0.73	14.00	5.5	20
ZZ81328	0.30	0.003	0.67	0.75	9.1	<0.2	<10	3040	0.51	0.18	0.52	0.82	10.95	3.7	16
ZZ81329	0.23	0.007	0.77	0.64	5.4	<0.2	<10	2970	0.44	0.15	1.02	2.24	10.25	3.4	14
ZZ81330	0.38	0.005	1.25	0.89	13.4	<0.2	<10	3180	0.52	0.21	0.28	0.76	12.75	3.9	17
ZZ81331	0.24	0.003	0.51	1.10	13.5	<0.2	<10	1580	0.72	0.21	0.87	3.30	16.30	15.7	21
ZZ81332	0.18	0.005	0.66	1.05	8.2	<0.2	<10	680	0.77	0.24	0.55	1.81	15.90	14.3	19
ZZ81333	0.32	0.003	0.51	0.88	14.3	<0.2	<10	380	0.92	0.18	0.71	3.98	20.3	8.6	19
ZZ81334	0.42	0.002	0.38	0.57	15.5	<0.2	<10	330	0.78	0.18	0.73	2.53	15.30	10.4	14
ZZ81335	0.44	0.003	0.56	1.02	14.9	<0.2	<10	910	0.96	0.22	1.06	3.68	22.2	12.9	22
ZZ81336	0.32	0.001	0.54	1.31	11.3	<0.2	<10	1030	0.87	0.22	1.23	3.13	18.50	12.5	26
ZZ81337	0.31	0.002	0.50	1.30	11.7	<0.2	<10	850	0.91	0.23	1.25	2.89	20.7	13.7	25
ZZ81338	0.26	0.002	0.46	1.00	12.5	<0.2	<10	520	0.80	0.20	1.69	4.30	16.45	10.4	19
ZZ81339	0.30	0.002	0.07	1.12	10.5	<0.2	<10	390	0.59	0.23	0.69	3.90	13.60	8.0	15
ZZ81340	0.22	0.003	0.97	0.71	8.9	<0.2	<10	330	0.66	0.13	3.25	3.30	25.4	6.6	32
ZZ81341	0.34	0.002	0.33	1.23	10.4	<0.2	<10	330	1.03	0.25	1.40	0.89	23.2	13.4	24
ZZ81342	0.44	0.002	0.16	1.34	9.4	<0.2	<10	260	0.94	0.26	1.09	0.52	21.0	14.8	22
ZZ81343	0.31	0.001	0.55	0.89	16.7	<0.2	<10	280	0.86	0.21	0.92	2.26	27.2	15.1	18
ZZ81344	0.33	0.003	0.13	1.21	9.6	<0.2	<10	410	0.88	0.25	1.52	0.62	11.55	11.7	21
ZZ81345	0.20	0.003	0.37	1.12	11.0	<0.2	<10	480	1.11	0.22	1.40	1.87	17.15	10.9	20
ZZ81346	0.16	0.003	0.49	1.04	10.0	<0.2	10	360	0.98	0.19	1.61	3.90	19.45	9.7	21
ZZ81347	0.28	0.002	0.38	1.05	9.2	<0.2	<10	320	0.92	0.20	1.11	3.77	19.55	12.8	20
ZZ81348	0.42	0.002	0.56	0.90	14.0	<0.2	<10	1960	0.53	0.20	0.36	0.39	12.50	7.2	21
ZZ81349	0.35	0.001	0.13	0.51	11.6	<0.2	<10	230	0.11	0.19	0.01	0.10	9.02	2.6	14
ZZ81350	0.22	0.003	1.41	0.68	12.8	<0.2	<10	1750	0.41	0.19	0.69	0.59	9.71	1.4	20
ZZ81351	0.18	0.004	1.54	0.56	5.8	<0.2	<10	850	0.28	0.13	0.46	0.30	6.77	1.5	19
ZZ81352	0.37	0.006	2.01	0.64	18.3	<0.2	<10	1520	0.41	0.21	0.32	0.54	7.84	4.1	20
ZZ81353	0.19	0.005	2.10	0.84	14.6	<0.2	<10	2010	0.51	0.20	0.49	0.79	11.00	12.4	25

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: ATAC RESOURCES LTD.
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Finalized Date: 17- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ81314		0.58	21.6	1.54	1.18	<0.05	0.04	0.13	0.023	0.04	2.8	1.7	0.06	124	4.46	0.01
ZZ81315		0.65	21.6	1.02	1.90	<0.05	0.02	0.20	0.023	0.05	4.4	3.9	0.08	24	0.88	<0.01
ZZ81316		0.68	39.7	2.00	2.41	0.05	0.03	0.18	0.035	0.07	5.7	7.6	0.11	66	3.36	<0.01
ZZ81317		0.30	135.0	3.92	4.29	0.11	0.06	0.38	0.061	0.25	11.8	11.7	0.13	94	24.4	0.02
ZZ81318		0.44	46.1	2.16	1.87	0.05	0.04	0.16	0.029	0.07	5.3	6.0	0.10	239	6.67	<0.01
ZZ81319		0.50	41.5	2.49	1.89	0.05	0.04	0.16	0.029	0.07	4.7	5.9	0.10	191	6.02	<0.01
ZZ81320		0.37	37.4	2.02	1.94	0.05	0.05	0.15	0.028	0.07	4.5	6.9	0.12	248	3.72	<0.01
ZZ81321		0.46	38.3	2.10	2.10	0.05	0.05	0.15	0.030	0.07	4.9	7.0	0.14	302	3.45	<0.01
ZZ81322		0.45	42.8	1.89	1.85	<0.05	0.07	0.17	0.032	0.06	4.4	6.8	0.12	385	3.72	<0.01
ZZ81323		0.52	43.4	1.80	1.97	<0.05	0.08	0.50	0.033	0.06	5.4	7.2	0.11	300	4.20	<0.01
ZZ81324		0.47	36.3	1.91	1.94	<0.05	0.07	0.14	0.027	0.06	4.2	7.7	0.14	218	3.29	<0.01
ZZ81325		1.07	53.5	3.03	3.60	0.06	0.08	0.15	0.034	0.11	8.5	21.8	0.48	427	5.89	0.01
ZZ81326		0.54	38.1	1.95	2.61	<0.05	0.07	0.16	0.029	0.06	7.3	10.0	0.17	244	6.25	<0.01
ZZ81327		0.54	23.8	1.41	2.97	<0.05	0.07	0.15	0.024	0.04	7.3	11.7	0.20	366	3.61	<0.01
ZZ81328		0.43	33.3	0.85	2.53	<0.05	0.07	0.17	0.027	0.05	5.6	8.7	0.15	115	3.83	<0.01
ZZ81329		0.38	47.7	1.23	1.78	<0.05	0.09	0.35	0.024	0.03	5.1	3.4	0.09	47	1.26	<0.01
ZZ81330		0.58	32.9	1.45	2.82	<0.05	0.05	0.25	0.032	0.06	6.6	10.3	0.14	68	4.92	<0.01
ZZ81331		0.66	32.1	2.70	3.44	<0.05	0.09	0.15	0.030	0.08	7.5	15.7	0.32	1840	6.17	<0.01
ZZ81332		0.88	42.0	2.09	3.36	<0.05	0.08	0.22	0.033	0.08	7.5	17.1	0.26	1000	3.65	<0.01
ZZ81333		0.73	51.7	2.51	2.43	0.05	0.10	0.16	0.032	0.10	10.0	11.7	0.20	340	13.80	<0.01
ZZ81334		0.60	38.7	2.51	1.86	<0.05	0.07	0.07	0.034	0.12	7.5	4.6	0.13	247	19.05	<0.01
ZZ81335		0.70	54.3	2.83	3.28	0.05	0.10	0.13	0.033	0.11	11.2	15.4	0.39	352	11.05	<0.01
ZZ81336		0.69	48.8	2.82	4.27	<0.05	0.10	0.13	0.031	0.10	9.9	21.4	0.49	506	5.98	0.01
ZZ81337		0.73	51.6	2.98	4.10	<0.05	0.10	0.13	0.031	0.11	10.7	21.6	0.51	533	6.01	<0.01
ZZ81338		0.66	40.9	2.34	3.10	0.05	0.07	0.13	0.026	0.08	8.9	13.9	0.34	468	8.79	<0.01
ZZ81339		0.77	20.6	2.80	4.31	<0.05	0.05	0.02	0.032	0.08	6.1	14.1	0.15	180	5.61	<0.01
ZZ81340		0.43	36.9	1.36	2.35	0.06	0.08	0.21	0.023	0.06	25.5	8.3	0.33	337	2.39	0.01
ZZ81341		0.79	52.9	2.84	3.84	0.05	0.10	0.12	0.031	0.10	13.1	19.8	0.43	575	3.07	<0.01
ZZ81342		1.07	52.0	3.01	4.34	0.05	0.09	0.09	0.032	0.10	10.2	27.5	0.53	705	2.63	<0.01
ZZ81343		0.93	57.9	3.33	2.79	0.05	0.10	0.11	0.035	0.10	11.9	13.3	0.30	548	6.19	<0.01
ZZ81344		1.34	38.7	2.89	3.96	<0.05	0.08	0.05	0.029	0.09	5.2	20.9	0.47	440	2.27	<0.01
ZZ81345		0.98	62.9	2.66	3.43	<0.05	0.09	0.12	0.028	0.10	8.9	16.5	0.37	713	4.44	0.01
ZZ81346		0.74	58.6	2.52	3.06	<0.05	0.09	0.14	0.029	0.11	10.2	15.6	0.34	487	6.06	0.01
ZZ81347		0.77	45.8	2.41	3.22	<0.05	0.09	0.11	0.028	0.10	9.9	16.3	0.36	949	6.86	<0.01
ZZ81348		0.65	33.9	2.36	2.97	<0.05	0.04	0.05	0.029	0.06	6.4	10.0	0.15	229	4.53	<0.01
ZZ81349		0.76	17.6	1.25	3.22	<0.05	0.03	0.01	0.017	0.05	4.6	1.2	0.03	33	3.44	<0.01
ZZ81350		0.76	43.4	1.37	2.36	<0.05	0.04	0.20	0.028	0.07	5.1	4.4	0.10	16	2.60	<0.01
ZZ81351		0.67	21.9	0.89	1.79	<0.05	0.04	0.18	0.017	0.04	3.5	1.8	0.06	21	1.68	0.01
ZZ81352		0.83	24.6	1.99	2.05	<0.05	0.04	0.19	0.027	0.07	4.1	5.0	0.09	140	3.53	<0.01
ZZ81353		0.70	35.4	2.14	2.66	<0.05	0.05	0.17	0.028	0.06	5.8	7.8	0.15	439	5.46	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 17-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81314		0.12	17.6	1090	7.6	6.1	0.004	0.15	0.87	2.1	3.4	0.3	66.4	<0.01	0.09	0.9
ZZ81315		0.19	11.6	830	8.6	8.5	0.004	0.14	0.44	2.6	3.5	0.3	56.6	<0.01	0.06	1.3
ZZ81316		0.19	31.7	1020	12.6	9.6	0.006	0.14	1.14	4.1	4.9	0.4	82.3	<0.01	0.10	1.9
ZZ81317		0.15	87.3	2610	9.2	7.6	0.013	0.75	2.02	9.0	17.3	0.8	339	<0.01	0.13	2.1
ZZ81318		0.12	51.2	1230	10.3	6.3	0.007	0.16	1.47	3.8	7.3	0.4	119.5	<0.01	0.09	1.6
ZZ81319		0.13	46.4	1200	10.3	6.8	0.008	0.17	1.32	3.7	6.1	0.4	105.5	<0.01	0.10	1.5
ZZ81320		0.14	41.6	1020	10.1	5.8	0.008	0.15	1.13	3.5	4.1	0.3	90.1	<0.01	0.09	1.5
ZZ81321		0.16	33.0	1020	11.2	7.2	0.007	0.17	1.12	3.8	4.7	0.4	88.7	<0.01	0.09	1.5
ZZ81322		0.22	48.2	1040	11.2	6.4	0.008	0.10	1.24	3.8	5.5	0.3	105.5	<0.01	0.11	1.5
ZZ81323		0.21	35.7	1020	11.8	7.3	0.010	0.07	1.52	4.2	5.5	0.3	77.4	<0.01	0.11	2.2
ZZ81324		0.20	40.2	990	11.0	6.8	0.009	0.09	1.19	3.4	3.7	0.3	91.9	<0.01	0.07	1.5
ZZ81325		0.32	50.6	1030	18.2	8.7	0.006	0.06	3.12	5.7	3.3	0.4	57.5	<0.01	0.07	3.8
ZZ81326		0.35	48.7	1060	12.5	7.0	0.004	0.06	3.22	3.7	2.6	0.4	71.6	<0.01	0.09	1.9
ZZ81327		0.48	29.0	920	11.8	7.2	0.007	0.08	1.65	3.1	3.0	0.4	65.9	<0.01	0.05	1.8
ZZ81328		0.30	20.4	670	13.2	6.9	0.009	0.09	1.93	3.2	2.8	0.4	58.6	<0.01	0.07	1.9
ZZ81329		0.36	39.8	960	9.4	4.7	0.016	0.18	2.27	2.9	6.9	0.3	73.5	<0.01	0.04	0.8
ZZ81330		0.33	25.1	780	13.7	8.9	0.012	0.07	1.84	3.4	3.6	0.4	58.0	<0.01	0.07	2.0
ZZ81331		0.32	38.7	1010	16.1	8.9	0.010	0.07	2.57	3.9	3.9	0.4	50.1	<0.01	0.08	2.1
ZZ81332		0.34	51.4	750	17.1	11.1	0.003	0.07	1.91	4.6	3.0	0.5	42.2	<0.01	0.07	2.7
ZZ81333		0.26	53.5	990	14.2	10.2	0.012	0.05	5.62	4.9	4.5	0.4	34.6	<0.01	0.07	2.6
ZZ81334		0.23	65.2	650	13.1	8.0	0.002	0.03	5.04	4.6	2.4	0.4	26.9	<0.01	0.05	3.2
ZZ81335		0.38	65.1	1010	21.4	8.5	0.004	0.05	3.96	5.5	3.9	0.4	48.5	<0.01	0.07	3.6
ZZ81336		0.39	55.6	740	14.8	8.3	0.003	0.06	2.71	5.2	2.4	0.5	49.2	<0.01	0.07	2.5
ZZ81337		0.42	54.8	760	16.5	8.6	0.003	0.05	2.57	5.4	2.0	0.4	46.1	<0.01	0.07	2.7
ZZ81338		0.42	64.7	710	13.7	7.9	0.005	0.06	4.02	3.2	4.4	0.4	42.3	<0.01	0.05	1.2
ZZ81339		0.50	25.6	350	19.0	10.1	<0.001	0.02	1.33	2.2	0.8	0.6	22.2	<0.01	0.04	1.7
ZZ81340		0.39	84.6	1360	7.9	6.4	0.004	0.10	2.57	2.7	3.4	0.4	59.2	<0.01	0.03	0.8
ZZ81341		0.46	80.6	740	17.3	8.5	0.003	0.05	1.72	5.0	1.7	0.5	35.8	<0.01	0.05	2.4
ZZ81342		0.48	55.1	640	16.7	8.7	0.002	0.04	0.96	5.3	1.4	0.5	32.5	<0.01	0.05	2.8
ZZ81343		0.31	47.1	1270	16.9	7.3	0.005	0.04	3.23	5.4	2.8	0.4	29.3	<0.01	0.06	3.3
ZZ81344		0.50	32.2	640	14.0	9.5	<0.001	0.07	1.12	3.4	0.9	0.4	40.4	<0.01	0.05	1.5
ZZ81345		0.42	48.2	930	14.4	9.0	0.007	0.09	2.18	3.7	3.5	0.4	40.7	<0.01	0.05	1.4
ZZ81346		0.35	69.4	850	14.7	9.5	0.013	0.10	3.28	4.1	3.4	0.4	47.2	<0.01	0.06	1.6
ZZ81347		0.34	62.0	670	14.6	9.1	0.008	0.07	2.73	4.0	2.6	0.4	35.0	<0.01	0.04	2.1
ZZ81348		0.30	41.7	860	13.2	8.2	0.002	0.06	1.30	3.0	2.4	0.4	75.3	<0.01	0.09	2.0
ZZ81349		0.33	27.5	210	9.3	9.3	<0.001	0.01	1.07	2.0	1.9	0.5	8.3	<0.01	0.09	1.4
ZZ81350		0.30	22.7	830	11.2	8.5	0.005	0.11	1.02	4.4	8.4	0.4	85.4	<0.01	0.10	2.1
ZZ81351		0.21	18.1	880	7.4	7.5	0.004	0.10	0.53	2.7	4.4	0.3	37.9	<0.01	0.10	0.9
ZZ81352		0.20	22.7	1160	11.6	9.7	0.005	0.08	0.77	2.8	5.1	0.4	65.2	<0.01	0.18	1.5
ZZ81353		0.29	33.6	1140	12.8	9.8	0.005	0.10	1.30	4.0	5.0	0.4	83.0	<0.01	0.12	2.0

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ81314		<0.005	0.10	2.28	39	<0.05	9.38	89	1.5
ZZ81315		<0.005	0.15	1.98	29	0.05	9.43	28	0.9
ZZ81316		<0.005	0.18	3.42	54	0.06	16.20	121	1.1
ZZ81317		<0.005	0.55	11.30	113	0.23	37.8	328	2.8
ZZ81318		<0.005	0.16	4.64	59	0.07	19.10	199	1.7
ZZ81319		<0.005	0.13	3.14	58	0.05	17.60	174	1.8
ZZ81320		<0.005	0.10	2.31	50	<0.05	15.45	174	1.9
ZZ81321		<0.005	0.11	2.55	53	<0.05	17.20	124	2.0
ZZ81322		<0.005	0.14	2.60	46	0.05	17.30	150	1.9
ZZ81323		<0.005	0.16	3.22	48	0.07	18.75	141	1.9
ZZ81324		<0.005	0.14	2.10	45	0.05	14.95	149	1.7
ZZ81325		0.007	0.24	1.72	78	0.08	15.50	241	2.2
ZZ81326		0.007	0.20	2.47	90	0.13	14.75	249	1.3
ZZ81327		0.007	0.21	2.78	73	0.20	10.45	117	1.5
ZZ81328		<0.005	0.31	2.78	73	0.05	10.25	81	1.5
ZZ81329		0.007	0.23	12.80	32	0.06	12.30	57	2.6
ZZ81330		<0.005	0.49	3.44	72	0.13	10.40	87	0.8
ZZ81331		0.005	0.23	2.56	96	0.10	12.25	221	1.9
ZZ81332		<0.005	0.34	2.21	82	0.07	15.85	183	1.6
ZZ81333		<0.005	0.40	4.29	153	0.09	22.7	283	2.1
ZZ81334		<0.005	0.28	2.60	120	0.07	12.85	348	2.3
ZZ81335		0.006	0.27	3.35	118	0.10	17.30	330	3.1
ZZ81336		0.005	0.24	2.34	108	0.09	14.35	303	2.5
ZZ81337		0.006	0.23	2.12	97	0.09	15.60	291	2.6
ZZ81338		0.007	0.22	4.76	136	0.10	13.50	464	1.6
ZZ81339		0.006	0.13	0.67	53	0.09	2.94	200	0.8
ZZ81340		0.007	0.19	4.49	68	0.12	28.7	512	1.8
ZZ81341		0.007	0.19	2.91	39	0.11	15.65	272	2.1
ZZ81342		0.009	0.11	2.26	33	0.08	10.95	213	1.9
ZZ81343		<0.005	0.24	2.61	40	0.05	12.55	256	2.7
ZZ81344		0.007	0.12	1.20	36	0.13	6.85	160	1.7
ZZ81345		0.005	0.17	6.25	66	0.10	13.65	220	2.0
ZZ81346		<0.005	0.25	4.63	124	0.07	18.40	463	2.3
ZZ81347		0.005	0.22	3.37	111	0.07	14.70	382	2.0
ZZ81348		0.007	0.15	1.93	55	0.08	11.75	146	0.5
ZZ81349		0.009	0.16	0.46	60	0.08	2.90	106	0.5
ZZ81350		<0.005	0.23	2.43	46	0.05	14.55	39	1.0
ZZ81351		<0.005	0.16	2.17	30	<0.05	9.23	39	0.6
ZZ81352		<0.005	0.20	1.72	54	0.05	12.25	74	0.5
ZZ81353		<0.005	0.16	2.67	65	0.08	16.75	103	0.8

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VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ81354	0.41	0.005	1.30	0.56	20.9	<0.2	<10	2190	0.63	0.20	0.21	1.05	5.95	8.0	26
ZZ81355	0.23	0.004	1.41	0.78	14.7	<0.2	<10	1910	0.60	0.21	0.34	0.68	8.60	8.7	24
ZZ81356	0.41	0.003	0.61	0.82	19.0	<0.2	<10	2230	0.57	0.22	0.22	0.67	11.80	9.1	24
ZZ81357	0.42	0.006	1.59	0.66	17.6	<0.2	10	1750	0.51	0.18	0.80	1.07	9.62	6.5	31
ZZ81358	0.21	0.007	2.10	0.53	12.5	<0.2	10	4200	0.42	0.14	1.91	0.68	8.75	8.0	27
ZZ81359	0.21	0.004	10.15	0.44	13.5	<0.2	<10	1200	0.13	0.16	0.26	1.71	7.40	0.5	60
ZZ81360	0.36	0.005	0.99	1.18	13.5	<0.2	<10	400	0.68	0.25	0.06	0.76	16.35	10.7	18
ZZ81361	0.44	0.002	0.35	1.15	14.9	<0.2	<10	150	0.52	0.32	0.02	0.34	9.22	10.8	17
ZZ81362	0.32	0.002	0.35	0.77	11.4	<0.2	<10	70	0.16	0.31	0.02	0.13	14.05	3.6	13
ZZ81363	0.45	0.004	0.40	0.92	9.0	<0.2	<10	170	0.40	0.27	0.06	0.33	12.90	6.5	15
ZZ81364	0.43	0.004	0.49	0.82	8.7	<0.2	<10	410	0.44	0.24	0.17	0.49	15.85	3.3	15
ZZ81365	0.20	0.003	0.88	0.95	30.9	<0.2	<10	740	0.87	0.20	0.29	2.74	14.60	40.6	21
ZZ81366	0.39	0.002	0.14	2.01	12.5	<0.2	<10	250	1.01	0.34	0.13	0.83	27.6	18.4	30
ZZ81367	0.37	0.002	0.33	1.47	12.2	<0.2	<10	380	1.03	0.28	1.12	1.31	20.6	14.5	24
ZZ81368	0.32	0.002	0.26	1.47	11.1	<0.2	<10	480	0.79	0.28	0.81	0.79	24.5	12.9	25
ZZ81369	0.32	0.001	0.05	0.72	4.6	<0.2	<10	530	1.31	0.19	1.38	0.22	33.7	15.6	12
ZZ81370	0.37	0.001	0.24	1.03	6.4	<0.2	<10	260	1.55	0.27	0.58	0.31	50.9	16.7	18
ZZ81371	0.35	0.001	0.17	2.08	12.9	<0.2	<10	180	0.92	0.28	0.08	0.60	24.6	9.9	28
ZZ81372	0.39	0.002	0.14	1.76	12.1	<0.2	<10	140	0.70	0.26	0.10	0.40	27.6	9.9	25
ZZ81373	0.38	0.001	0.03	1.44	10.1	<0.2	<10	430	0.63	0.27	0.09	0.32	26.0	10.2	21
ZZ81374	0.34	0.002	0.04	0.53	8.2	<0.2	<10	70	0.35	0.35	0.01	0.07	26.0	14.6	12
ZZ81375	0.21	<0.001	0.63	1.32	6.0	<0.2	<10	510	1.61	0.20	1.73	0.71	42.7	14.4	19
ZZ81376	0.33	0.002	0.07	0.96	4.7	<0.2	10	280	1.22	0.17	2.51	0.19	42.6	12.5	15
ZZ81377	0.29	0.002	0.23	0.90	6.6	<0.2	10	310	0.83	0.18	2.41	0.73	19.45	9.9	14
ZZ81378	0.41	0.002	0.20	1.51	9.9	<0.2	<10	260	0.88	0.29	1.02	0.72	23.3	13.8	24
ZZ81379	0.45	0.003	0.16	1.78	12.6	<0.2	<10	250	0.92	0.31	0.91	0.87	29.2	20.9	27
ZZ81380	0.45	0.003	0.19	1.77	12.3	<0.2	<10	360	1.03	0.29	0.84	0.60	28.5	17.2	28
ZZ81381	0.45	0.002	0.18	1.91	9.2	<0.2	10	290	1.01	0.29	1.08	1.18	26.5	19.0	29
ZZ81382	0.28	0.004	0.36	1.59	10.3	<0.2	<10	370	0.82	0.25	1.22	1.11	24.8	14.3	30
ZZ81383	0.35	0.003	0.43	1.83	10.9	<0.2	<10	250	0.81	0.26	1.31	3.34	24.7	17.9	32
ZZ81384	0.22	0.003	0.26	1.71	7.9	<0.2	10	240	0.89	0.24	2.00	1.58	18.20	16.6	26
ZZ81385	0.40	0.002	0.16	1.87	8.4	<0.2	<10	200	0.92	0.29	0.96	0.48	25.4	17.5	29
ZZ81386	0.28	0.004	0.44	1.47	13.7	<0.2	<10	280	1.00	0.25	1.60	4.33	23.5	13.8	27
ZZ81387	0.39	0.002	0.15	1.79	24.0	<0.2	<10	370	1.03	0.31	0.91	0.85	22.6	22.2	28

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Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81354		0.55	68.0	3.24	1.51	0.05	0.04	0.11	0.042	0.07	3.2	3.7	0.04	134	7.52	<0.01
ZZ81355		0.64	49.5	2.32	2.00	0.05	0.06	0.19	0.035	0.06	4.3	5.1	0.06	245	5.28	<0.01
ZZ81356		0.55	48.1	2.97	2.68	<0.05	0.05	0.06	0.034	0.08	5.7	9.4	0.15	329	6.66	<0.01
ZZ81357		0.52	68.7	2.77	1.78	0.05	0.05	0.26	0.038	0.08	5.4	6.1	0.12	110	7.25	<0.01
ZZ81358		0.28	37.6	2.38	1.71	0.06	0.09	0.20	0.023	0.03	4.8	3.0	0.10	627	9.75	<0.01
ZZ81359		0.52	59.8	1.25	2.76	0.05	0.04	0.36	0.024	0.03	5.5	1.7	0.04	7	6.46	<0.01
ZZ81360		0.87	62.4	2.89	3.27	<0.05	0.07	0.22	0.042	0.08	7.1	12.4	0.19	232	3.73	<0.01
ZZ81361		1.18	52.0	4.00	3.66	<0.05	0.07	0.05	0.046	0.08	4.1	12.6	0.18	236	4.61	<0.01
ZZ81362		1.26	15.4	2.56	5.68	<0.05	0.03	0.04	0.020	0.05	7.1	2.6	0.07	151	2.76	<0.01
ZZ81363		1.95	30.4	2.11	4.01	<0.05	0.03	0.08	0.028	0.08	6.4	6.0	0.16	205	3.05	<0.01
ZZ81364		0.76	31.8	2.04	2.71	0.05	0.04	0.19	0.030	0.08	7.5	12.3	0.23	73	3.24	<0.01
ZZ81365		0.68	42.0	10.85	2.26	0.06	0.07	0.17	0.041	0.05	6.2	6.7	0.14	1620	17.45	<0.01
ZZ81366		1.01	38.2	4.30	5.89	<0.05	0.08	0.05	0.042	0.09	11.8	31.4	0.58	720	3.53	<0.01
ZZ81367		0.83	50.5	3.37	4.77	0.05	0.10	0.10	0.032	0.09	9.9	20.5	0.48	602	4.86	<0.01
ZZ81368		0.72	33.9	2.97	4.86	<0.05	0.08	0.09	0.032	0.08	11.7	19.0	0.50	757	3.11	0.01
ZZ81369		0.64	16.2	3.30	2.09	<0.05	0.09	0.03	0.045	0.14	10.3	4.9	0.13	302	2.22	<0.01
ZZ81370		1.00	23.3	3.74	3.04	0.07	0.07	0.05	0.048	0.15	17.9	9.8	0.22	366	2.77	<0.01
ZZ81371		1.40	18.9	3.48	5.94	<0.05	0.10	0.04	0.037	0.06	12.0	25.1	0.29	220	4.60	<0.01
ZZ81372		1.27	17.2	2.96	5.41	<0.05	0.09	0.04	0.033	0.07	13.2	15.0	0.28	224	3.16	<0.01
ZZ81373		0.90	12.3	2.85	5.26	<0.05	0.06	0.02	0.030	0.07	12.5	16.3	0.25	184	3.06	<0.01
ZZ81374		8.74	24.4	2.54	3.66	<0.05	0.04	0.02	0.028	0.13	10.3	2.6	0.05	86	2.57	<0.01
ZZ81375		0.88	24.1	4.18	3.78	0.06	0.09	0.05	0.046	0.13	20.7	13.4	0.34	247	1.80	<0.01
ZZ81376		0.63	14.9	2.96	2.68	0.06	0.09	0.05	0.036	0.15	19.5	10.4	0.24	566	1.22	<0.01
ZZ81377		1.14	23.6	2.15	2.76	<0.05	0.09	0.06	0.030	0.11	10.0	9.8	0.25	368	2.52	0.01
ZZ81378		0.65	49.3	3.35	4.85	0.05	0.09	0.08	0.034	0.09	11.0	26.2	0.63	511	2.21	<0.01
ZZ81379		0.79	74.8	4.27	5.80	0.05	0.11	0.10	0.037	0.10	12.7	30.3	1.00	1120	1.90	0.01
ZZ81380		0.81	63.2	4.10	5.69	0.06	0.11	0.09	0.036	0.10	13.9	30.1	0.96	635	2.23	0.01
ZZ81381		1.10	69.8	4.07	6.18	0.05	0.10	0.10	0.035	0.16	12.6	29.7	0.93	723	2.28	0.01
ZZ81382		0.72	59.2	3.41	5.02	0.05	0.10	0.11	0.032	0.09	13.4	24.3	0.65	744	3.62	0.01
ZZ81383		0.92	77.5	4.05	5.76	0.05	0.08	0.13	0.034	0.12	12.2	28.6	0.94	807	3.85	0.01
ZZ81384		0.86	79.9	3.48	5.51	<0.05	0.10	0.11	0.033	0.13	8.7	28.2	0.83	554	1.63	<0.01
ZZ81385		0.87	65.6	3.98	6.05	0.05	0.11	0.08	0.037	0.12	12.2	31.3	0.93	588	1.38	0.01
ZZ81386		0.62	71.6	3.13	4.85	0.05	0.10	0.14	0.034	0.09	13.2	21.9	0.61	1750	18.00	<0.01
ZZ81387		0.95	61.4	4.62	5.68	0.05	0.10	0.09	0.036	0.11	10.4	29.8	0.77	1840	23.1	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81354	0.14	109.5	1040	12.6	6.6	0.005	0.08	1.94	4.9	5.2	0.4	118.0	<0.01	0.11	1.5
ZZ81355	0.17	47.9	1030	13.3	8.9	0.005	0.05	1.20	5.2	4.5	0.4	55.7	<0.01	0.13	1.4
ZZ81356	0.28	48.8	1210	16.0	7.8	0.004	0.09	2.32	3.5	3.7	0.4	87.1	<0.01	0.08	2.5
ZZ81357	0.17	90.8	1590	11.2	5.4	0.006	0.14	1.94	6.4	5.0	0.5	221	<0.01	0.10	1.8
ZZ81358	0.26	31.7	1680	7.4	4.0	0.008	0.16	1.32	3.2	12.4	0.3	286	<0.01	0.07	0.9
ZZ81359	0.24	16.0	1210	9.9	5.6	0.008	0.13	2.64	2.2	9.7	0.5	55.1	<0.01	0.10	0.7
ZZ81360	0.28	38.7	750	17.0	9.4	0.001	0.05	2.03	3.3	2.4	0.4	22.0	<0.01	0.09	2.9
ZZ81361	0.44	38.6	640	22.4	14.0	<0.001	0.02	2.96	2.8	2.5	0.5	13.7	<0.01	0.12	2.6
ZZ81362	0.87	12.3	450	13.7	9.7	<0.001	0.02	1.27	1.3	1.0	0.7	6.0	<0.01	0.07	1.3
ZZ81363	0.50	17.3	820	16.4	12.5	<0.001	0.03	1.28	1.5	1.6	0.5	10.2	<0.01	0.07	0.7
ZZ81364	0.40	16.9	660	15.0	9.5	0.001	0.03	1.50	3.3	4.5	0.4	22.8	<0.01	0.06	3.3
ZZ81365	0.33	39.9	1860	10.3	7.3	0.013	0.13	3.47	4.0	8.9	0.3	35.5	<0.01	0.11	1.9
ZZ81366	0.36	43.5	340	24.1	12.8	0.001	0.01	1.37	4.6	1.3	0.5	13.0	<0.01	0.06	4.4
ZZ81367	0.36	44.9	550	20.8	9.4	0.001	0.05	2.18	5.4	2.7	0.5	40.7	<0.01	0.07	2.7
ZZ81368	0.64	33.4	650	16.6	9.3	0.001	0.03	1.38	4.5	1.5	0.5	33.9	<0.01	0.06	2.8
ZZ81369	0.47	38.0	370	14.0	8.1	<0.001	0.05	0.32	5.5	0.7	0.6	70.5	<0.01	0.02	2.4
ZZ81370	0.44	39.3	290	18.8	11.0	<0.001	0.01	0.72	6.2	1.1	0.6	21.4	<0.01	0.02	5.4
ZZ81371	1.14	29.4	360	16.3	12.4	<0.001	0.02	1.41	3.0	1.0	0.7	8.6	<0.01	0.06	4.0
ZZ81372	0.93	26.9	300	14.7	14.2	<0.001	0.01	1.27	2.6	1.2	0.6	8.4	<0.01	0.05	4.2
ZZ81373	0.90	23.5	170	15.8	11.7	<0.001	0.01	0.99	2.2	0.5	0.6	9.0	<0.01	0.04	3.3
ZZ81374	0.23	28.9	400	16.6	12.7	0.001	0.02	0.56	1.5	0.4	0.6	8.2	<0.01	0.03	1.0
ZZ81375	0.56	44.0	600	16.6	10.8	<0.001	0.05	0.74	5.5	1.3	0.6	67.5	<0.01	0.02	2.5
ZZ81376	0.49	30.1	740	13.1	9.4	<0.001	0.07	0.24	3.6	0.8	0.5	84.3	<0.01	0.02	1.3
ZZ81377	0.47	28.3	680	11.1	9.9	0.001	0.09	1.26	3.1	1.0	0.4	78.9	<0.01	0.03	1.1
ZZ81378	0.37	34.6	610	19.1	7.8	0.001	0.05	0.95	5.6	1.2	0.4	39.8	<0.01	0.07	2.6
ZZ81379	0.26	40.5	470	22.5	7.3	0.001	0.03	0.74	7.2	0.8	0.4	32.0	<0.01	0.07	3.7
ZZ81380	0.33	41.0	470	20.8	7.8	0.001	0.03	0.87	7.2	1.0	0.4	28.1	<0.01	0.08	4.1
ZZ81381	0.36	49.3	660	18.6	10.1	0.001	0.04	0.77	7.4	1.0	0.5	41.6	<0.01	0.08	2.8
ZZ81382	0.58	64.0	870	15.5	8.2	0.005	0.07	1.20	5.8	2.7	0.4	42.5	<0.01	0.07	2.6
ZZ81383	0.27	57.8	640	16.7	7.9	0.003	0.05	2.38	6.4	1.9	0.4	49.3	<0.01	0.11	2.0
ZZ81384	0.31	43.2	610	14.2	8.2	0.001	0.07	1.13	5.8	1.4	0.4	76.0	<0.01	0.09	1.7
ZZ81385	0.36	38.3	630	17.2	8.2	0.001	0.03	0.54	7.4	0.7	0.4	37.5	<0.01	0.08	3.4
ZZ81386	0.34	112.0	770	16.1	7.8	0.015	0.08	3.61	5.0	3.8	0.5	45.3	<0.01	0.08	1.8
ZZ81387	0.38	199.5	720	18.9	9.6	0.006	0.06	1.31	6.4	2.8	0.5	32.8	<0.01	0.06	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ81354		<0.005	0.17	2.89	65	0.05	22.0	348	0.6
ZZ81355		<0.005	0.16	4.21	61	0.07	23.4	143	1.0
ZZ81356		<0.005	0.23	2.12	71	0.07	13.65	179	1.2
ZZ81357		<0.005	0.22	3.83	62	0.07	30.7	269	1.3
ZZ81358		0.006	0.08	4.59	37	0.13	16.00	70	2.5
ZZ81359		<0.005	1.42	6.20	109	0.20	8.71	39	<0.5
ZZ81360		<0.005	0.24	1.49	51	0.05	10.30	194	1.3
ZZ81361		0.005	0.27	0.58	62	0.07	3.91	236	1.9
ZZ81362		0.018	0.17	0.43	68	0.17	1.73	81	<0.5
ZZ81363		0.013	0.31	0.97	47	0.16	3.80	116	<0.5
ZZ81364		0.008	0.22	1.34	45	0.07	10.25	71	0.7
ZZ81365		<0.005	0.18	3.28	87	0.11	19.75	215	1.6
ZZ81366		0.005	0.19	0.94	76	0.08	8.47	378	2.1
ZZ81367		0.005	0.22	1.61	78	0.09	14.00	181	2.3
ZZ81368		0.012	0.14	1.66	67	0.14	11.15	134	1.7
ZZ81369		<0.005	0.16	0.59	23	<0.05	7.18	77	2.7
ZZ81370		0.005	0.23	0.82	43	<0.05	10.95	123	2.5
ZZ81371		0.017	0.19	1.01	109	0.23	4.82	126	2.6
ZZ81372		0.016	0.16	0.79	80	0.18	3.90	117	2.4
ZZ81373		0.016	0.13	0.57	72	0.22	3.39	66	1.5
ZZ81374		0.005	0.16	0.50	26	0.05	3.51	124	<0.5
ZZ81375		<0.005	0.21	0.90	43	0.05	14.90	102	2.8
ZZ81376		<0.005	0.12	0.64	24	0.06	12.45	62	2.8
ZZ81377		0.007	0.16	1.47	36	0.05	11.95	107	2.4
ZZ81378		0.006	0.11	1.75	56	0.07	12.25	151	2.0
ZZ81379		0.006	0.11	0.62	52	<0.05	12.20	160	2.7
ZZ81380		0.007	0.11	0.68	60	0.08	13.95	158	2.9
ZZ81381		0.007	0.13	1.26	66	0.05	14.00	201	2.4
ZZ81382		0.012	0.11	2.29	66	0.13	14.25	272	2.2
ZZ81383		0.006	0.18	1.30	110	0.06	14.45	323	1.9
ZZ81384		0.005	0.13	1.11	57	0.05	11.85	187	2.6
ZZ81385		0.008	0.09	0.88	50	0.05	12.80	148	2.7
ZZ81386		0.006	0.30	10.50	178	0.07	17.50	444	2.4
ZZ81387		0.008	0.12	3.02	51	0.08	12.20	545	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155647

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

CERTIFICATE WH13155648

Project: Nadaleen

P.O. No.: SO13-14

This report is for 170 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
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Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ75126		0.22	0.002	0.24	1.72	19.5	<0.2	<10	830	0.86	0.31	0.95	0.76	22.6	12.1	30
ZZ75127		0.30	0.002	0.21	1.71	22.0	<0.2	<10	760	1.09	0.25	0.84	1.69	36.0	12.3	29
ZZ75128		0.26	0.001	0.23	0.59	31.4	<0.2	<10	540	0.50	0.22	2.24	1.49	16.00	10.1	19
ZZ75129		0.15	0.002	0.65	0.22	7.8	<0.2	10	380	0.22	0.11	3.65	0.49	6.62	3.9	8
ZZ75130		0.30	0.004	1.21	0.30	7.8	<0.2	10	700	0.38	0.16	1.59	0.57	7.81	4.2	16
ZZ75131		0.24	0.003	1.44	0.31	11.3	<0.2	10	630	0.47	0.17	1.12	0.42	5.59	4.3	19
ZZ75132		0.17	0.003	1.03	0.44	17.7	<0.2	10	390	0.50	0.17	1.85	1.36	9.97	6.4	20
ZZ75133		0.27	0.003	1.63	0.66	18.0	<0.2	<10	1460	0.70	0.18	0.82	0.34	7.93	4.9	35
ZZ75134		0.34	0.005	1.99	0.61	19.4	<0.2	10	2030	0.65	0.20	0.68	0.50	6.17	3.5	26
ZZ75135		0.30	0.003	1.76	0.71	19.7	<0.2	10	1890	0.65	0.18	1.14	0.64	8.45	4.3	26
ZZ75136		0.26	0.004	1.03	0.43	11.8	<0.2	10	1790	0.50	0.21	0.39	0.41	4.72	6.7	18
ZZ75137		0.33	0.005	1.38	0.55	15.8	<0.2	10	2310	0.56	0.19	0.63	0.45	5.38	4.5	20
ZZ75138		0.15	0.004	1.09	0.59	11.1	<0.2	<10	1780	0.36	0.16	0.28	0.24	5.10	1.5	16
ZZ75139		0.16	0.003	0.91	0.66	12.1	<0.2	10	2670	0.63	0.18	0.93	0.33	6.34	6.3	21
ZZ75140		0.44	0.004	1.05	0.84	17.5	<0.2	<10	2730	0.82	0.25	0.90	2.02	13.20	9.6	26
ZZ75141		0.26	0.004	1.62	0.44	14.7	<0.2	10	1840	0.52	0.17	1.41	24.6	6.81	5.9	24
ZZ75142		0.46	0.004	1.17	0.94	19.2	<0.2	<10	2610	0.77	0.27	0.48	2.45	15.45	12.6	24
ZZ75143		0.19	0.019	3.18	1.24	10.7	<0.2	<10	660	0.69	0.19	1.11	1.47	14.50	2.8	17
ZZ75144		0.40	0.002	1.21	0.89	7.8	<0.2	<10	280	0.27	0.30	0.01	0.22	6.66	2.5	14
ZZ75145		0.36	0.002	0.41	0.80	9.9	<0.2	<10	190	0.23	0.24	0.06	0.22	9.74	3.5	16
ZZ75146		0.18	0.004	0.68	0.80	7.3	<0.2	<10	1230	0.48	0.22	1.04	1.37	14.60	7.6	15
ZZ75147		0.18	0.004	1.10	0.78	7.6	<0.2	<10	1110	0.80	0.19	1.42	2.29	19.35	4.5	11
ZZ75148		0.37	0.006	0.79	1.03	11.9	<0.2	<10	730	0.79	0.25	0.25	1.60	22.3	11.8	20
ZZ75149		0.33	0.003	0.56	0.96	13.1	<0.2	<10	560	0.98	0.26	0.61	2.75	22.0	15.0	20
ZZ75150		0.33	0.005	1.35	1.19	13.3	<0.2	<10	640	0.88	0.24	1.01	5.49	18.75	14.4	23
ZZ75151		0.17	0.004	1.79	0.74	15.6	<0.2	<10	340	0.87	0.15	2.64	12.95	19.35	7.8	38
ZZ75152		0.30	0.002	0.57	0.87	10.1	<0.2	<10	300	0.96	0.20	1.02	2.51	21.5	8.9	19
ZZ75153		0.23	<0.001	0.20	0.87	7.2	<0.2	<10	190	0.95	0.20	1.44	0.69	26.3	12.1	15
ZZ75154		0.22	0.002	0.12	0.75	4.5	<0.2	10	170	1.24	0.17	2.66	0.50	27.7	11.7	13
ZZ75155		0.15	0.001	0.12	0.91	4.0	<0.2	10	290	1.16	0.17	2.53	0.52	21.3	11.6	14
ZZ75156		0.39	0.001	0.31	1.09	7.2	<0.2	<10	390	0.95	0.24	0.80	0.62	17.25	10.8	18
ZZ75157		0.25	0.002	0.77	0.89	7.8	<0.2	<10	870	0.81	0.18	0.40	1.59	16.70	6.9	17
ZZ75158		0.24	0.001	0.06	1.20	5.4	<0.2	<10	110	0.53	0.31	0.07	0.19	10.60	8.8	19
ZZ75159		0.27	0.001	0.08	1.22	10.3	<0.2	<10	180	0.60	0.38	0.09	0.11	10.50	9.4	18
ZZ75160		0.33	0.004	1.48	0.56	17.1	<0.2	<10	2170	0.61	0.16	1.38	2.97	11.00	8.7	21
ZZ75161		0.24	0.004	1.45	0.42	16.8	<0.2	<10	2140	0.46	0.15	1.04	1.15	7.59	5.6	19
ZZ75162		0.14	0.004	0.96	0.42	6.7	<0.2	<10	1930	0.38	0.11	0.68	1.94	7.53	3.7	13
ZZ75163		0.31	0.005	1.54	0.52	19.4	<0.2	10	2600	0.54	0.17	1.20	2.80	9.49	7.8	23
ZZ75164		0.23	0.004	1.43	0.62	15.3	<0.2	<10	2740	0.59	0.17	1.47	2.01	10.25	6.7	22
ZZ75165		0.22	0.002	1.04	0.44	14.1	<0.2	10	2160	0.43	0.13	1.49	3.04	7.13	15.3	16

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75126		1.37	24.4	3.07	6.13	0.05	0.04	0.06	0.038	0.06	10.0	17.7	0.27	620	3.01	<0.01
ZZ75127		1.24	23.4	3.00	4.71	0.06	0.06	0.08	0.038	0.06	13.3	16.5	0.32	545	2.32	<0.01
ZZ75128		0.70	25.3	1.85	1.82	0.09	0.06	0.10	0.032	0.04	22.8	4.3	0.11	562	2.59	<0.01
ZZ75129		0.28	24.4	1.04	0.66	0.06	0.05	0.16	0.016	0.04	6.1	1.4	0.09	124	2.58	<0.01
ZZ75130		0.36	42.5	1.40	0.82	0.05	0.06	0.15	0.027	0.06	4.9	1.3	0.05	116	2.10	<0.01
ZZ75131		0.55	47.4	1.56	0.96	0.05	0.08	0.17	0.027	0.06	2.9	1.2	0.04	112	2.75	<0.01
ZZ75132		0.59	42.7	1.68	1.31	0.07	0.07	0.17	0.029	0.06	10.9	3.1	0.14	185	2.09	<0.01
ZZ75133		0.33	37.6	2.13	1.95	0.05	0.06	0.15	0.030	0.06	4.8	3.3	0.06	207	3.53	<0.01
ZZ75134		0.61	49.7	2.14	1.83	0.05	0.05	0.21	0.030	0.09	3.7	3.5	0.07	94	3.69	<0.01
ZZ75135		0.57	38.8	2.04	2.23	0.05	0.06	0.24	0.030	0.06	5.3	5.4	0.08	122	3.72	<0.01
ZZ75136		0.90	46.9	2.45	1.36	0.05	0.06	0.25	0.037	0.09	2.4	1.8	0.03	92	5.50	<0.01
ZZ75137		0.50	44.9	2.15	1.58	0.05	0.06	0.24	0.032	0.08	3.0	3.1	0.05	59	5.73	<0.01
ZZ75138		0.51	25.5	1.53	1.84	<0.05	0.03	0.20	0.023	0.05	2.8	2.3	0.04	7	4.03	<0.01
ZZ75139		0.48	40.6	2.03	1.95	<0.05	0.06	0.36	0.030	0.06	3.3	4.2	0.07	191	4.85	<0.01
ZZ75140		0.67	56.8	2.68	2.83	0.06	0.05	0.27	0.034	0.11	7.0	9.4	0.23	326	8.16	<0.01
ZZ75141		0.56	62.5	2.05	1.29	0.07	0.07	0.25	0.028	0.08	4.3	3.6	0.11	124	4.26	<0.01
ZZ75142		1.00	47.3	3.06	3.32	0.08	0.03	0.22	0.035	0.12	7.5	12.4	0.27	371	17.60	<0.01
ZZ75143		1.63	132.0	1.69	3.60	0.09	0.05	0.75	0.030	0.14	5.6	8.1	0.14	51	8.54	<0.01
ZZ75144		1.16	32.3	1.51	5.41	<0.05	0.02	0.06	0.020	0.12	3.0	1.6	0.06	35	3.78	<0.01
ZZ75145		1.14	25.3	1.83	5.24	<0.05	<0.02	0.07	0.020	0.08	4.6	2.6	0.07	82	3.83	<0.01
ZZ75146		0.85	58.2	1.60	3.16	0.06	0.03	0.14	0.026	0.07	6.5	23.2	0.33	127	2.06	<0.01
ZZ75147		0.81	78.6	1.71	2.44	0.09	0.06	0.22	0.025	0.06	7.7	9.7	0.41	41	1.73	<0.01
ZZ75148		1.32	66.2	3.35	3.51	0.07	0.04	0.33	0.035	0.12	10.4	16.6	0.26	213	6.09	0.01
ZZ75149		0.92	52.8	2.88	3.27	0.07	0.04	0.16	0.033	0.12	10.0	14.5	0.24	627	8.53	<0.01
ZZ75150		0.82	61.2	2.42	3.68	0.07	0.08	0.44	0.033	0.11	9.4	19.2	0.45	995	11.45	<0.01
ZZ75151		0.58	69.2	1.50	2.77	0.08	0.07	0.41	0.023	0.08	14.7	9.2	0.23	206	9.27	<0.01
ZZ75152		0.60	54.3	2.17	2.83	0.06	0.09	0.15	0.026	0.10	9.9	12.8	0.29	272	5.82	<0.01
ZZ75153		0.76	25.2	2.64	2.73	0.06	0.08	0.08	0.031	0.13	11.5	10.7	0.27	341	5.17	<0.01
ZZ75154		0.87	19.9	2.64	2.27	0.06	0.08	0.07	0.031	0.14	11.7	7.5	0.21	427	2.52	<0.01
ZZ75155		0.75	24.7	2.37	2.72	0.06	0.08	0.07	0.031	0.12	9.4	11.8	0.25	412	2.13	<0.01
ZZ75156		1.94	26.7	2.42	3.96	0.05	0.06	0.13	0.028	0.11	8.0	19.4	0.29	425	2.63	<0.01
ZZ75157		0.80	34.9	1.74	2.97	0.05	0.05	0.21	0.025	0.08	8.3	9.0	0.14	195	6.41	<0.01
ZZ75158		2.33	11.8	2.39	4.66	<0.05	0.02	0.05	0.020	0.10	5.2	20.9	0.32	199	1.35	<0.01
ZZ75159		3.34	21.6	2.15	5.60	<0.05	<0.02	0.04	0.023	0.08	5.2	15.8	0.22	379	2.08	<0.01
ZZ75160		0.59	74.0	2.15	1.63	0.06	0.05	0.21	0.030	0.08	6.3	6.0	0.14	242	6.71	<0.01
ZZ75161		0.56	47.9	1.80	1.15	0.05	0.04	0.16	0.024	0.06	4.4	2.7	0.05	117	5.71	<0.01
ZZ75162		0.41	54.8	1.26	1.11	0.05	0.04	0.15	0.021	0.04	4.3	1.6	0.03	44	2.42	<0.01
ZZ75163		0.64	77.0	2.30	1.48	0.07	0.05	0.21	0.031	0.08	5.5	4.5	0.09	205	6.12	<0.01
ZZ75164		0.54	56.0	2.13	1.82	0.06	0.05	0.22	0.027	0.07	5.7	6.4	0.14	246	5.97	<0.01
ZZ75165		0.52	49.4	1.76	1.27	0.05	0.05	0.16	0.022	0.06	4.1	3.3	0.08	1120	8.03	<0.01

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ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75126		0.65	30.7	1130	22.2	14.7	0.001	0.09	0.84	3.0	1.2	0.7	28.1	<0.01	0.06	0.9
ZZ75127		0.49	32.3	710	21.1	12.2	0.001	0.06	0.82	3.8	1.3	0.6	28.9	<0.01	0.06	1.3
ZZ75128		0.20	34.6	1390	15.1	4.4	0.001	0.15	1.15	0.9	2.3	0.3	29.0	<0.01	0.21	0.3
ZZ75129		0.08	33.1	1120	5.8	3.1	0.003	0.21	0.93	1.1	3.9	0.2	100.5	<0.01	0.06	0.4
ZZ75130		0.07	42.8	900	8.7	4.6	0.007	0.11	1.10	3.2	3.3	0.3	101.0	<0.01	0.11	0.7
ZZ75131		0.06	45.3	750	8.4	5.9	0.006	0.08	1.09	4.2	4.2	0.3	74.1	<0.01	0.11	1.4
ZZ75132		0.14	107.5	1220	9.8	5.1	0.003	0.13	1.08	2.5	4.0	0.3	78.0	<0.01	0.11	0.5
ZZ75133		0.09	45.9	1240	10.1	5.9	0.004	0.04	1.13	3.9	4.2	0.4	55.2	<0.01	0.16	1.8
ZZ75134		0.09	31.9	1200	12.0	8.0	0.003	0.18	0.99	4.6	4.5	0.4	131.0	<0.01	0.19	1.4
ZZ75135		0.13	51.8	1120	16.0	7.5	0.005	0.08	1.07	4.8	4.3	0.4	118.0	<0.01	0.14	1.2
ZZ75136		0.05	56.4	840	12.5	8.1	0.007	0.05	1.39	6.7	3.2	0.4	80.1	<0.01	0.12	1.9
ZZ75137		0.07	60.4	830	13.1	6.8	0.007	0.06	1.19	5.6	5.8	0.4	118.5	<0.01	0.09	1.7
ZZ75138		0.13	25.1	840	11.4	7.7	0.005	0.07	0.60	2.9	3.6	0.4	54.3	<0.01	0.08	1.1
ZZ75139		0.11	57.2	730	10.9	6.5	0.008	0.07	1.00	5.0	3.9	0.4	117.5	<0.01	0.07	1.6
ZZ75140		0.16	62.2	1060	16.0	9.2	0.004	0.12	2.08	5.6	3.4	0.5	110.0	<0.01	0.10	2.8
ZZ75141		0.08	183.5	1410	9.6	6.0	0.019	0.17	1.59	4.6	7.0	0.3	174.5	<0.01	0.12	1.1
ZZ75142		0.26	39.2	1620	17.8	10.8	0.020	0.11	2.61	4.2	10.3	0.5	89.2	<0.01	0.08	3.0
ZZ75143		0.24	167.0	1540	11.5	11.3	0.006	0.30	2.89	2.7	8.7	0.6	82.3	<0.01	0.10	1.0
ZZ75144		0.27	12.9	330	16.9	17.6	<0.001	0.03	1.72	1.4	1.1	0.8	9.1	<0.01	0.10	1.4
ZZ75145		0.40	16.6	650	13.8	10.7	<0.001	0.06	1.77	1.6	1.2	0.7	15.8	<0.01	0.09	1.2
ZZ75146		0.66	27.7	560	12.0	10.4	0.001	0.11	1.16	1.9	6.8	0.5	97.2	<0.01	0.06	1.7
ZZ75147		0.32	48.3	840	12.0	7.6	0.001	0.18	1.23	3.5	7.9	0.3	111.5	<0.01	0.05	2.1
ZZ75148		0.47	49.0	1060	16.3	11.0	0.002	0.13	2.23	5.3	2.5	0.5	69.1	<0.01	0.06	4.2
ZZ75149		0.24	52.5	1600	17.2	10.6	0.009	0.05	2.83	4.6	3.2	0.5	39.0	<0.01	0.07	3.8
ZZ75150		0.30	84.6	1020	15.3	11.2	0.019	0.11	4.39	5.1	6.4	0.5	71.6	<0.01	0.11	2.2
ZZ75151		0.24	135.0	1340	9.6	8.2	0.022	0.10	7.29	3.2	7.3	0.5	72.9	<0.01	0.08	0.9
ZZ75152		0.30	39.1	1360	14.2	7.6	0.004	0.04	2.48	4.9	2.4	0.4	36.1	<0.01	0.05	3.0
ZZ75153		0.32	33.2	500	14.1	8.9	0.002	0.04	0.95	5.7	1.2	0.4	34.8	<0.01	0.02	3.4
ZZ75154		0.30	32.5	730	13.2	9.6	0.002	0.07	0.59	4.4	1.2	0.4	87.5	<0.01	0.02	1.9
ZZ75155		0.33	28.3	630	12.6	9.5	0.002	0.09	0.57	3.9	1.2	0.4	82.1	<0.01	0.03	1.5
ZZ75156		0.35	28.7	680	18.4	11.9	0.001	0.05	1.02	3.9	1.1	0.5	32.6	<0.01	0.16	2.2
ZZ75157		0.26	25.3	830	12.7	8.5	0.001	0.07	2.61	3.5	2.4	0.5	29.4	<0.01	0.06	1.5
ZZ75158		0.66	15.5	290	11.2	13.7	<0.001	0.01	0.57	2.0	0.3	0.6	7.7	<0.01	0.04	2.5
ZZ75159		0.68	11.2	560	18.1	14.4	<0.001	0.04	0.54	1.7	0.5	0.7	8.8	<0.01	0.04	1.3
ZZ75160		0.18	77.3	1400	10.4	6.0	0.013	0.14	2.63	4.6	6.5	0.3	150.5	<0.01	0.10	1.7
ZZ75161		0.12	47.4	1280	8.6	5.9	0.012	0.11	1.57	3.7	7.0	0.3	113.5	<0.01	0.11	1.6
ZZ75162		0.16	40.9	860	6.5	5.2	0.007	0.15	1.08	3.1	5.7	0.2	71.5	<0.01	0.05	1.0
ZZ75163		0.16	66.2	1340	11.1	6.5	0.012	0.12	2.19	4.3	8.3	0.3	150.5	<0.01	0.11	1.7
ZZ75164		0.25	53.5	1100	11.2	8.1	0.009	0.13	2.05	3.9	6.6	0.4	126.0	<0.01	0.11	1.7
ZZ75165		0.17	59.9	1170	8.0	5.7	0.008	0.12	1.95	2.9	6.7	0.3	121.0	<0.01	0.09	1.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
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VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ75126		0.011	0.21	0.86	58	0.14	9.63	124	1.0
ZZ75127		0.008	0.19	1.34	54	0.12	15.75	119	1.1
ZZ75128		0.005	0.21	1.32	33	0.10	40.7	218	0.8
ZZ75129		<0.005	0.12	7.18	14	<0.05	16.55	69	1.4
ZZ75130		<0.005	0.10	4.65	31	<0.05	21.5	127	1.8
ZZ75131		<0.005	0.11	4.39	36	<0.05	21.3	129	2.8
ZZ75132		<0.005	0.20	2.35	33	0.11	30.1	213	1.5
ZZ75133		<0.005	0.08	2.52	75	<0.05	22.5	129	1.8
ZZ75134		<0.005	0.13	3.01	63	0.06	26.4	108	1.4
ZZ75135		<0.005	0.16	3.64	68	<0.05	28.9	134	1.7
ZZ75136		<0.005	0.12	2.30	45	<0.05	20.0	203	2.2
ZZ75137		<0.005	0.09	2.47	46	<0.05	20.5	201	1.8
ZZ75138		<0.005	0.12	1.91	40	<0.05	9.83	56	0.8
ZZ75139		<0.005	0.09	2.54	49	<0.05	17.70	153	2.0
ZZ75140		<0.005	0.35	2.40	121	0.06	18.05	228	1.4
ZZ75141		<0.005	0.18	4.52	45	<0.05	27.3	723	2.4
ZZ75142		<0.005	0.52	2.46	105	0.09	11.40	198	0.8
ZZ75143		0.005	0.45	4.35	57	0.07	28.7	223	0.5
ZZ75144		0.005	0.23	0.33	89	<0.05	1.93	104	0.6
ZZ75145		0.007	0.26	0.37	84	0.08	2.19	108	<0.5
ZZ75146		0.012	0.19	1.19	37	0.12	8.41	129	0.9
ZZ75147		0.005	0.22	2.02	51	0.07	24.1	57	1.4
ZZ75148		0.011	0.52	1.65	68	0.12	16.40	258	0.9
ZZ75149		<0.005	0.26	2.20	100	0.08	15.15	316	0.8
ZZ75150		0.005	0.59	4.23	181	0.11	19.95	416	2.2
ZZ75151		<0.005	0.47	11.20	415	0.09	24.8	1130	2.2
ZZ75152		0.005	0.17	2.83	59	0.11	13.65	243	3.0
ZZ75153		<0.005	0.15	1.03	30	<0.05	12.65	136	2.8
ZZ75154		<0.005	0.15	1.22	23	<0.05	12.75	91	3.2
ZZ75155		<0.005	0.14	1.42	24	<0.05	10.95	102	3.4
ZZ75156		0.005	0.18	1.05	43	0.05	9.51	96	1.8
ZZ75157		<0.005	0.29	2.30	107	0.07	12.70	110	1.3
ZZ75158		0.009	0.14	0.51	49	0.11	2.71	79	0.9
ZZ75159		0.009	0.13	0.72	41	0.17	2.62	47	<0.5
ZZ75160		<0.005	0.25	4.50	72	0.07	26.5	287	2.4
ZZ75161		<0.005	0.20	4.00	45	0.05	20.6	179	2.0
ZZ75162		<0.005	0.16	3.39	21	0.06	18.70	97	1.8
ZZ75163		<0.005	0.27	4.59	61	0.14	24.6	244	2.1
ZZ75164		<0.005	0.22	4.09	63	0.07	18.70	190	2.1
ZZ75165		<0.005	0.21	2.58	45	0.07	15.30	253	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ75166		0.32	0.003	1.14	0.50	18.3	<0.2	<10	2070	0.53	0.17	0.57	1.35	8.71	3.7	21
ZZ75167		0.22	0.003	1.19	0.56	11.4	<0.2	<10	1770	0.46	0.15	1.08	2.81	8.45	6.4	19
ZZ75168		0.28	0.005	1.57	0.64	17.5	<0.2	<10	2770	0.65	0.21	0.59	2.53	11.25	7.0	25
ZZ75169		0.17	0.006	2.26	0.73	33.0	<0.2	<10	2800	0.89	0.24	0.97	3.47	12.75	6.3	27
ZZ75170		0.28	0.005	1.54	0.68	18.4	<0.2	<10	2150	0.69	0.20	0.49	2.64	11.25	5.1	23
ZZ75171		0.35	0.002	0.19	1.49	11.2	<0.2	<10	290	0.70	0.28	0.43	1.36	23.3	9.6	23
ZZ75172		0.26	0.001	0.05	2.68	14.0	<0.2	<10	240	1.13	0.32	0.08	0.28	26.5	16.1	33
ZZ75173		0.40	0.002	0.06	2.05	16.4	<0.2	<10	200	1.17	0.29	0.17	0.27	40.4	17.6	30
ZZ75174		0.28	0.002	0.15	1.16	9.3	<0.2	<10	140	1.04	0.31	0.89	0.73	22.2	10.1	20
ZZ75175		0.32	0.001	0.17	1.03	6.9	<0.2	<10	150	1.08	0.39	0.68	0.13	26.0	13.3	15
ZZ75176		0.24	0.002	0.18	1.27	16.7	<0.2	<10	730	0.68	0.22	1.41	0.36	13.15	6.5	21
ZZ75177		0.24	0.001	0.29	1.04	20.8	<0.2	<10	410	0.63	0.21	1.66	1.20	14.60	7.0	22
ZZ75178		0.24	0.002	0.25	1.39	26.4	<0.2	<10	390	0.77	0.26	2.84	2.03	18.15	8.6	27
ZZ75179		0.34	0.002	0.20	1.41	28.2	<0.2	<10	340	0.79	0.26	3.82	3.00	22.3	8.7	29
ZZ75180		0.13	0.003	0.13	1.18	30.7	<0.2	<10	360	0.69	0.18	2.84	3.19	15.05	7.9	22
ZZ75181		0.19	<0.001	0.13	0.76	21.6	<0.2	10	280	0.40	0.13	4.31	6.39	11.60	5.2	14
ZZ75182		0.43	0.002	0.28	1.10	55.0	<0.2	<10	440	0.80	0.21	7.18	1.38	19.95	9.9	25
ZZ75183		0.14	<0.001	0.27	0.29	10.7	<0.2	20	590	0.26	0.08	4.41	7.15	4.18	4.3	8
ZZ75184		0.16	0.001	0.22	0.60	15.6	<0.2	10	830	0.42	0.10	3.79	3.19	7.94	4.5	14
ZZ75185		0.16	0.002	0.54	0.64	29.4	<0.2	10	560	0.51	0.16	3.63	1.08	10.35	6.8	19
ZZ75186		0.24	0.003	0.83	0.86	10.6	<0.2	10	510	0.56	0.18	1.93	0.45	4.45	3.1	34
ZZ75187		0.26	0.003	1.04	1.52	10.1	<0.2	<10	570	0.62	0.23	1.28	0.51	5.95	3.9	48
ZZ75188		0.35	0.002	0.74	1.47	8.8	<0.2	<10	600	0.77	0.27	0.60	0.46	4.39	10.2	55
ZZ75189		0.22	0.002	0.35	0.64	15.6	<0.2	10	400	0.50	0.13	6.89	1.98	10.20	6.0	16
ZZ75190		0.33	0.001	0.41	0.96	16.3	<0.2	<10	390	0.68	0.18	1.39	0.87	14.10	7.8	26
ZZ75191		0.17	<0.001	0.21	0.53	15.9	<0.2	10	280	0.38	0.10	9.21	1.38	8.51	4.2	13
ZZ75192		0.27	0.001	0.61	0.62	12.1	<0.2	10	640	0.57	0.15	4.62	0.86	7.28	6.4	20
ZZ75193		0.12	0.001	0.20	0.53	7.2	<0.2	<10	350	0.28	0.07	4.84	1.85	7.56	4.3	12
ZZ75194		0.28	0.001	0.41	1.16	17.3	<0.2	<10	500	0.67	0.21	2.45	1.85	26.0	9.4	26
ZZ75195		0.31	0.002	0.19	0.61	28	<0.2	<10	450	0.48	0.13	15.40	1.41	11.65	7.7	14
ZZ75196		0.36	0.003	0.53	0.32	24	<0.2	<10	340	0.38	0.11	10.00	0.67	11.05	7.1	11
ZZ75197		0.20	0.002	0.15	1.41	17.7	<0.2	<10	430	0.77	0.23	2.30	2.95	16.75	6.6	29
ZZ75198		0.21	0.002	0.25	1.52	13.4	<0.2	<10	440	0.72	0.23	2.29	2.64	20.4	7.2	26
ZZ75199		0.17	0.002	0.22	1.15	11.4	<0.2	<10	520	0.69	0.18	3.21	2.23	14.20	5.4	20
ZZ75200		0.15	0.006	0.16	0.52	3.5	<0.2	<10	400	0.32	0.06	5.40	1.15	5.75	2.6	8
ZZ75201		0.23	0.003	0.25	1.05	24.5	<0.2	<10	570	0.61	0.16	1.54	0.87	16.65	6.8	25
ZZ75202		0.23	0.003	0.33	0.94	10.3	<0.2	<10	630	0.54	0.18	2.40	1.16	16.60	6.9	19
ZZ75203		0.26	0.003	0.45	0.98	16.5	<0.2	<10	270	0.61	0.20	1.89	1.62	20.5	8.0	24
ZZ75204		0.14	0.002	0.38	0.83	18.5	<0.2	<10	360	0.53	0.17	2.54	2.22	15.35	6.3	24
ZZ75205		0.47	0.002	0.13	0.91	52	<0.2	10	230	0.77	0.18	15.40	1.70	9.81	7.1	20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75166		0.65	45.4	1.86	1.56	0.05	0.05	0.17	0.028	0.07	5.0	4.2	0.07	63	7.08	<0.01
ZZ75167		0.37	53.5	1.74	1.66	0.06	0.07	0.22	0.026	0.06	4.3	3.8	0.08	732	3.59	0.01
ZZ75168		0.70	61.1	1.68	1.87	0.06	0.06	0.25	0.034	0.09	6.2	6.1	0.11	466	6.26	0.01
ZZ75169		0.64	88.1	3.66	2.03	0.08	0.07	0.29	0.040	0.08	7.2	7.0	0.12	361	7.50	0.01
ZZ75170		0.60	66.2	2.18	2.00	0.06	0.05	0.24	0.033	0.08	6.2	5.2	0.10	100	6.13	0.01
ZZ75171		0.90	26.2	3.34	4.75	<0.05	0.03	0.10	0.031	0.06	11.5	21.2	0.41	449	1.21	0.01
ZZ75172		1.25	24.7	5.09	6.23	<0.05	0.11	0.03	0.050	0.07	9.3	35.7	0.46	400	0.97	0.01
ZZ75173		1.04	42.8	4.59	4.93	0.06	0.08	0.05	0.040	0.08	16.0	32.1	0.68	800	0.84	0.01
ZZ75174		0.59	24.9	4.60	3.33	0.05	0.07	0.08	0.032	0.08	11.2	14.6	0.42	1320	0.51	0.01
ZZ75175		0.67	28.4	3.69	2.95	0.05	0.07	0.07	0.038	0.10	12.1	23.1	0.33	332	0.47	0.01
ZZ75176		1.06	16.9	2.53	4.01	<0.05	0.03	0.06	0.028	0.05	8.0	12.0	0.23	406	2.33	0.01
ZZ75177		0.79	16.8	2.50	3.29	0.05	0.03	0.28	0.026	0.06	11.4	12.0	0.23	418	1.97	0.01
ZZ75178		0.80	21.5	2.51	3.46	0.06	0.05	0.17	0.032	0.07	18.9	9.5	0.29	491	1.18	0.02
ZZ75179		0.83	18.8	2.47	3.50	0.07	0.03	0.15	0.033	0.10	25.4	9.4	0.30	679	1.05	0.02
ZZ75180		0.94	20.3	2.06	3.00	0.05	0.05	0.14	0.024	0.09	16.2	8.3	0.24	619	0.99	0.02
ZZ75181		0.65	19.9	1.06	1.69	0.05	0.07	0.23	0.017	0.06	15.3	3.3	0.11	922	0.67	0.02
ZZ75182		0.95	23.6	2.41	3.00	0.05	0.06	0.08	0.028	0.13	18.2	9.5	0.33	496	1.20	0.01
ZZ75183		0.40	23.0	0.87	0.82	<0.05	0.06	0.14	0.014	0.10	4.5	2.2	0.14	249	1.95	0.01
ZZ75184		0.55	16.9	1.15	1.52	<0.05	0.05	0.11	0.016	0.05	9.2	3.6	0.10	324	1.29	0.01
ZZ75185		0.78	26.6	1.86	1.78	0.05	0.06	0.17	0.025	0.08	9.9	5.4	0.17	279	2.57	0.02
ZZ75186		0.73	34.7	2.07	2.01	<0.05	0.06	0.32	0.032	0.08	3.8	15.0	0.17	88	2.41	0.01
ZZ75187		0.94	27.6	3.09	3.69	<0.05	0.05	0.42	0.050	0.09	3.8	41.8	0.45	155	1.45	0.02
ZZ75188		1.27	50.7	3.44	3.68	<0.05	0.08	0.64	0.051	0.10	2.8	48.5	0.49	249	2.55	0.03
ZZ75189		0.73	20.1	1.58	1.70	0.05	0.07	0.12	0.022	0.07	10.8	5.6	0.24	305	1.37	0.02
ZZ75190		0.61	23.6	2.55	2.52	0.05	0.05	0.11	0.029	0.10	11.5	8.4	0.19	240	2.54	0.01
ZZ75191		0.77	15.7	1.24	1.41	<0.05	0.04	0.11	0.017	0.07	9.2	4.6	0.19	194	1.06	0.02
ZZ75192		0.28	24.1	1.95	1.57	<0.05	0.09	0.13	0.026	0.14	6.1	4.9	0.12	210	3.08	0.01
ZZ75193		0.54	10.2	0.80	1.27	<0.05	0.03	0.09	0.011	0.04	10.9	2.8	0.08	475	2.06	0.02
ZZ75194		0.61	15.8	2.33	3.01	0.07	0.04	0.07	0.029	0.08	26.0	6.6	0.21	606	1.85	0.01
ZZ75195		0.81	19.1	1.57	1.66	0.05	0.07	0.09	0.019	0.10	12.6	6.0	0.22	369	2.24	0.01
ZZ75196		1.74	20.9	1.59	0.88	<0.05	0.04	0.12	0.017	0.07	12.1	3.3	0.66	189	4.51	0.02
ZZ75197		0.90	16.0	2.60	3.62	0.06	0.03	0.14	0.028	0.06	20.9	9.5	0.29	482	1.29	0.01
ZZ75198		0.76	18.4	2.50	3.85	0.07	0.03	0.09	0.028	0.06	21.3	9.2	0.33	627	1.10	0.02
ZZ75199		0.55	15.9	1.92	3.04	0.05	0.02	0.09	0.023	0.05	18.5	7.1	0.22	538	1.18	0.02
ZZ75200		0.28	10.7	0.68	1.19	<0.05	0.02	0.09	0.009	0.02	7.1	2.4	0.09	379	0.60	0.02
ZZ75201		1.46	14.3	2.15	2.88	<0.05	0.03	0.23	0.027	0.04	14.2	8.9	0.21	325	2.21	0.01
ZZ75202		0.51	13.8	2.02	2.68	<0.05	0.02	0.10	0.023	0.05	11.5	8.6	0.21	404	1.14	0.01
ZZ75203		1.12	20.5	1.98	2.97	0.05	0.02	0.11	0.030	0.05	19.2	7.4	0.23	436	2.28	<0.01
ZZ75204		1.04	19.0	1.56	2.37	0.05	0.03	0.09	0.028	0.04	18.8	5.3	0.17	363	1.87	<0.01
ZZ75205		1.86	25.0	1.54	2.75	<0.05	0.08	0.04	0.025	0.12	10.0	7.1	0.17	354	1.08	<0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75166		0.14	44.6	1210	10.5	7.0	0.008	0.07	2.16	3.6	5.7	0.4	102.0	<0.01	0.11	2.3
ZZ75167		0.25	63.0	1170	10.6	6.1	0.014	0.16	1.32	3.1	6.5	0.3	87.4	<0.01	0.07	1.0
ZZ75168		0.24	60.9	1140	13.8	7.7	0.013	0.10	1.97	5.5	7.7	0.4	108.5	<0.01	0.13	2.6
ZZ75169		0.31	102.0	1370	16.9	7.1	0.016	0.13	3.69	6.3	11.2	0.4	116.5	<0.01	0.17	2.5
ZZ75170		0.27	57.4	1130	14.8	7.2	0.012	0.10	2.96	4.9	7.6	0.4	80.1	<0.01	0.13	2.3
ZZ75171		0.75	24.4	410	44.0	8.0	0.001	0.01	0.40	4.1	1.1	0.5	17.9	<0.01	0.04	3.3
ZZ75172		0.72	34.5	350	26.7	15.1	<0.001	0.01	0.37	4.2	0.6	0.7	9.0	<0.01	0.07	4.5
ZZ75173		0.47	36.2	420	26.2	9.5	<0.001	0.01	0.46	5.6	1.0	0.4	14.7	<0.01	0.06	5.7
ZZ75174		0.38	22.0	400	65.5	6.5	<0.001	0.03	0.28	5.3	1.0	0.4	16.6	<0.01	0.04	3.1
ZZ75175		0.36	27.4	320	23.5	6.8	0.001	0.02	0.22	6.3	1.0	0.5	32.4	<0.01	0.03	4.8
ZZ75176		0.51	19.4	1150	17.1	9.6	<0.001	0.09	0.67	1.8	1.0	0.5	28.5	<0.01	0.05	0.6
ZZ75177		0.52	21.6	750	17.7	11.9	<0.001	0.08	0.65	2.5	1.5	0.4	30.4	<0.01	0.06	0.6
ZZ75178		0.53	29.3	1670	17.9	7.3	<0.001	0.14	0.79	1.3	1.5	0.4	30.3	<0.01	0.16	0.4
ZZ75179		0.51	28.1	1610	17.3	7.4	<0.001	0.13	0.69	1.3	1.8	0.4	34.1	0.01	0.12	0.4
ZZ75180		0.57	28.6	1490	13.3	8.2	<0.001	0.17	0.58	1.2	1.3	0.3	24.9	<0.01	0.08	0.4
ZZ75181		0.45	14.7	2720	8.7	5.8	<0.001	0.27	0.42	0.8	1.2	0.2	39.7	0.01	0.05	0.3
ZZ75182		0.51	39.3	1020	16.0	7.2	<0.001	0.04	0.70	3.2	1.3	0.4	57.4	<0.01	0.09	1.2
ZZ75183		0.21	43.6	1330	6.4	7.3	0.001	0.22	0.45	1.0	3.1	0.2	44.9	<0.01	0.03	0.5
ZZ75184		0.35	24.1	1060	7.4	5.3	0.001	0.18	0.48	1.1	2.3	0.2	32.5	<0.01	0.04	0.3
ZZ75185		0.39	48.2	830	11.5	10.0	0.003	0.09	0.80	2.4	2.9	0.4	40.1	<0.01	0.07	0.6
ZZ75186		0.18	22.7	460	12.2	7.5	0.009	0.08	0.52	3.1	2.9	0.4	28.9	<0.01	0.05	0.7
ZZ75187		0.15	32.6	400	16.9	7.7	0.003	0.11	0.49	3.1	1.5	0.4	50.9	<0.01	0.08	1.0
ZZ75188		0.13	83.4	340	15.0	9.8	0.010	0.13	0.42	3.7	3.0	0.4	69.2	<0.01	0.05	1.8
ZZ75189		0.31	29.2	1050	11.4	6.8	0.008	0.16	0.54	2.0	4.2	0.3	64.6	<0.01	0.07	0.7
ZZ75190		0.33	41.5	460	15.6	9.3	0.001	0.03	0.62	4.4	2.1	0.4	26.4	<0.01	0.05	1.9
ZZ75191		0.30	22.2	1030	8.5	5.8	0.001	0.11	0.49	1.3	1.2	0.2	62.1	<0.01	0.06	0.4
ZZ75192		0.20	44.6	570	11.7	5.7	0.002	0.07	0.62	3.1	2.7	0.4	41.5	<0.01	0.06	1.1
ZZ75193		0.33	14.1	1010	5.5	4.4	0.001	0.14	0.27	0.6	1.0	0.2	63.1	<0.01	0.02	<0.2
ZZ75194		0.54	40.2	660	15.5	5.4	<0.001	0.07	0.55	2.7	1.5	0.4	35.2	<0.01	0.07	0.8
ZZ75195		0.25	31.8	1050	12.5	5.5	<0.001	0.09	0.59	1.6	1.5	0.2	106.5	<0.01	0.09	0.6
ZZ75196		0.17	30.5	710	8.7	4.7	0.001	0.06	0.46	1.9	1.5	0.2	102.0	<0.01	0.08	0.7
ZZ75197		0.57	20.8	1410	18.7	8.4	<0.001	0.11	0.70	1.8	1.3	0.4	24.6	<0.01	0.05	0.5
ZZ75198		0.59	20.0	1520	16.4	7.2	<0.001	0.14	0.63	1.3	1.2	0.4	24.9	<0.01	0.05	0.4
ZZ75199		0.48	15.7	1800	15.1	5.9	<0.001	0.21	0.61	0.9	1.6	0.3	34.0	<0.01	0.04	0.2
ZZ75200		0.31	7.0	1400	4.3	1.9	0.001	0.28	0.27	0.2	0.9	<0.2	52.5	<0.01	0.01	<0.2
ZZ75201		0.44	25.5	930	12.7	5.4	<0.001	0.09	0.65	1.7	1.6	0.4	25.1	<0.01	0.04	0.4
ZZ75202		0.52	18.4	1110	14.0	5.9	<0.001	0.13	0.60	1.3	1.5	0.3	34.0	<0.01	0.08	0.3
ZZ75203		0.43	25.3	1150	14.9	7.7	0.001	0.11	0.92	1.5	1.8	0.3	30.9	<0.01	0.04	0.5
ZZ75204		0.31	25.2	1540	12.0	6.6	<0.001	0.16	0.94	0.8	2.0	0.3	30.8	<0.01	0.05	0.3
ZZ75205		0.27	39.2	1150	14.0	8.5	<0.001	0.10	0.98	1.3	1.2	0.4	52.8	<0.01	0.12	0.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ75166		<0.005	0.18	3.02	69	0.05	18.00	208	2.1
ZZ75167		<0.005	0.20	3.73	49	0.07	19.30	149	2.9
ZZ75168		<0.005	0.20	3.75	77	0.06	24.3	246	3.3
ZZ75169		<0.005	0.22	6.62	103	0.11	30.6	276	3.6
ZZ75170		<0.005	0.27	4.19	100	0.09	20.8	250	2.0
ZZ75171		0.014	0.12	1.06	44	0.15	7.06	450	1.3
ZZ75172		0.006	0.14	0.62	59	0.10	3.70	108	4.3
ZZ75173		0.007	0.13	0.82	44	0.09	10.10	110	3.5
ZZ75174		0.005	0.11	0.73	29	0.06	10.85	321	2.0
ZZ75175		<0.005	0.09	0.63	19	0.06	12.10	75	2.1
ZZ75176		0.007	0.17	0.99	57	0.14	9.56	85	0.9
ZZ75177		0.008	0.13	1.52	47	0.11	18.35	116	0.8
ZZ75178		0.009	0.16	0.79	48	0.13	34.5	169	1.3
ZZ75179		0.011	0.16	0.67	46	0.20	45.2	189	0.8
ZZ75180		0.010	0.19	0.89	36	0.14	29.9	145	1.6
ZZ75181		0.009	0.11	1.43	19	0.10	30.6	207	2.2
ZZ75182		0.012	0.25	0.78	39	0.27	33.3	175	1.7
ZZ75183		<0.005	0.09	1.09	11	0.06	11.00	247	1.9
ZZ75184		0.007	0.11	1.62	21	0.11	19.25	117	1.6
ZZ75185		0.006	0.18	1.08	27	0.15	20.6	223	1.9
ZZ75186		<0.005	0.10	1.29	27	<0.05	10.65	124	2.2
ZZ75187		<0.005	0.09	0.86	42	<0.05	8.15	151	2.0
ZZ75188		<0.005	0.12	0.87	37	<0.05	8.25	181	3.9
ZZ75189		0.005	0.15	1.51	24	0.11	22.8	142	2.3
ZZ75190		<0.005	0.13	0.93	36	0.06	19.45	165	1.9
ZZ75191		0.006	0.16	1.10	20	0.07	18.85	148	1.5
ZZ75192		<0.005	0.10	0.65	24	<0.05	14.95	155	2.5
ZZ75193		0.008	0.07	2.13	17	0.05	17.00	74	1.0
ZZ75194		0.011	0.12	0.44	45	0.13	35.4	153	1.1
ZZ75195		0.006	0.27	0.74	24	0.13	25.2	142	1.7
ZZ75196		<0.005	0.26	0.83	19	<0.05	22.3	89	1.5
ZZ75197		0.013	0.14	0.94	55	0.14	35.7	179	0.8
ZZ75198		0.013	0.11	0.87	50	0.13	36.8	151	0.7
ZZ75199		0.008	0.10	1.73	42	0.09	33.3	105	0.7
ZZ75200		0.006	0.06	3.46	15	0.06	12.30	57	0.6
ZZ75201		0.009	0.18	1.95	41	0.09	22.2	101	0.7
ZZ75202		0.011	0.09	1.16	34	0.08	17.65	76	0.7
ZZ75203		0.012	0.13	2.53	38	0.44	35.3	96	0.7
ZZ75204		0.007	0.13	2.55	34	0.27	43.3	134	0.9
ZZ75205		0.006	0.40	0.60	31	0.54	23.9	242	2.4

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ75206		0.30	0.002	0.19	1.15	20.3	<0.2	<10	290	0.71	0.23	2.43	1.98	18.65	7.4	22
ZZ75207		0.17	0.004	0.13	1.14	18.3	<0.2	<10	380	0.59	0.18	2.52	1.30	18.55	7.9	23
ZZ75208		0.30	0.005	0.16	0.72	17	<0.2	10	730	0.45	0.17	14.30	1.71	12.10	7.9	15
ZZ75209		0.27	0.003	0.15	0.63	16.4	<0.2	10	410	0.42	0.15	6.83	1.44	13.30	8.4	14
ZZ75210		0.41	0.002	0.33	0.61	32	<0.2	<10	500	0.50	0.18	10.80	1.23	14.45	9.1	17
ZZ75211		0.16	0.002	0.08	0.65	14.9	<0.2	10	250	0.33	0.17	3.38	2.63	14.25	6.5	14
ZZ75212		0.24	0.002	0.38	0.81	26.7	<0.2	10	450	0.59	0.18	4.28	3.17	16.15	7.6	22
ZZ75213		0.09	0.005	0.26	0.24	1.9	<0.2	10	490	0.16	0.05	5.76	1.51	3.70	2.3	4
ZZ75214		0.35	0.002	0.88	0.93	22.0	<0.2	<10	300	0.63	0.20	5.01	1.01	10.15	6.6	26
ZZ75215		0.30	0.003	0.60	0.97	29.8	<0.2	<10	640	0.63	0.19	2.79	0.83	10.45	7.3	25
ZZ75216		0.17	0.005	0.11	1.28	6.8	<0.2	10	380	0.60	0.18	2.52	0.38	16.20	12.0	19
ZZ75217		0.20	0.007	0.11	1.57	8.3	<0.2	<10	380	0.76	0.23	1.75	0.29	22.1	15.2	23
ZZ75218		0.41	0.004	0.09	1.76	10.6	<0.2	<10	290	0.73	0.26	3.21	0.30	31.2	21.2	26
ZZ75219		0.34	0.002	0.04	2.15	12.6	<0.2	<10	300	0.94	0.29	0.12	0.11	37.3	17.7	30
ZZ75220		0.22	0.003	0.12	1.40	4.0	<0.2	<10	210	0.67	0.24	1.32	0.39	29.4	12.0	25
ZZ75221		0.45	0.004	0.17	1.64	9.6	<0.2	<10	320	0.88	0.27	0.69	0.52	32.7	16.2	27
ZZ75222		0.46	0.004	0.17	1.74	15.7	<0.2	<10	230	1.06	0.33	1.00	0.21	32.9	18.8	26
ZZ75223		0.39	0.003	0.19	1.70	11.7	<0.2	<10	310	0.94	0.32	0.92	0.23	33.0	15.4	26
ZZ75224		0.19	0.004	1.11	0.84	12.4	<0.2	<10	2170	0.70	0.21	0.94	1.90	12.70	7.6	23
ZZ75225		0.51	0.007	1.76	0.79	19.2	<0.2	<10	1870	0.78	0.24	1.05	1.70	13.10	7.7	26
ZZ75226		0.28	0.004	1.09	0.82	13.1	<0.2	<10	2190	0.85	0.23	0.50	2.62	14.95	7.0	23
ZZ75227		0.33	0.004	1.33	0.76	20.4	<0.2	<10	2610	0.81	0.23	0.58	3.60	14.60	9.7	26
ZZ75228		0.21	0.005	1.20	0.61	16.7	<0.2	10	2150	0.68	0.20	0.79	3.95	10.85	8.8	21
ZZ75229		0.26	0.004	0.96	0.96	12.6	<0.2	<10	1140	0.83	0.25	0.73	0.94	13.70	7.8	22
ZZ75230		0.14	0.004	1.33	0.63	8.7	<0.2	<10	1800	0.59	0.18	1.13	4.45	11.05	16.8	20
ZZ75231		0.16	0.003	1.00	0.63	19.1	<0.2	10	1830	0.45	0.16	0.74	1.83	8.40	9.8	20
ZZ75232		0.36	0.002	1.30	0.33	10	<0.2	<10	310	0.42	0.11	13.50	11.60	14.30	4.2	8
ZZ75233		0.14	0.005	1.04	0.66	14.3	<0.2	10	2020	0.53	0.18	1.59	5.62	10.15	9.0	18
ZZ75234		0.18	0.004	1.27	0.72	14.1	<0.2	10	2100	0.62	0.20	1.41	4.40	12.10	9.2	20
ZZ75235		0.17	0.004	1.35	0.80	18.6	<0.2	10	2200	0.67	0.21	1.02	3.23	12.20	3.4	25
ZZ75236		0.29	0.005	1.36	0.81	37.0	<0.2	10	2150	0.85	0.20	1.84	6.01	13.90	8.5	23
ZZ75237		0.26	0.006	0.94	0.45	11.4	<0.2	10	1990	0.53	0.16	0.58	1.50	8.43	3.4	19
ZZ75238		0.21	0.005	1.32	0.98	17.9	<0.2	10	1890	0.81	0.26	0.90	2.77	13.85	7.4	24
ZZ75239		0.39	0.006	0.74	0.61	8.8	<0.2	<10	1340	0.67	0.26	0.32	1.39	10.20	6.7	15
ZZ75240		0.22	0.006	0.89	0.82	14.8	<0.2	<10	1910	0.75	0.21	0.43	1.76	17.05	8.2	23
ZZ75241		0.27	0.004	1.27	0.90	17.9	<0.2	<10	2050	0.77	0.22	0.45	1.43	13.25	9.3	24
ZZ75242		0.40	0.004	0.85	1.25	14.1	<0.2	<10	1190	1.16	0.26	1.21	1.51	22.1	12.8	25
ZZ75243		0.29	0.005	1.40	0.87	22.2	<0.2	<10	2300	0.83	0.22	0.77	1.68	13.80	11.1	27
ZZ75244		0.34	0.003	0.12	1.76	12.4	<0.2	<10	310	0.90	0.26	2.24	0.27	27.7	19.8	25
ZZ75245		0.36	0.003	0.12	1.75	12.8	<0.2	<10	460	0.99	0.27	1.02	0.22	25.6	14.8	27

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Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75206		0.83	21.6	2.02	3.43	0.05	0.04	0.06	0.029	0.07	16.7	8.5	0.26	403	1.20	<0.01
ZZ75207		1.04	21.1	1.86	3.31	0.05	0.03	0.10	0.027	0.06	17.2	8.3	0.27	382	1.11	<0.01
ZZ75208		0.88	20.0	1.21	1.85	<0.05	0.06	0.06	0.022	0.07	15.5	5.2	0.19	433	1.09	<0.01
ZZ75209		1.23	21.6	1.26	1.69	0.05	0.04	0.08	0.020	0.06	14.2	4.3	0.16	505	3.34	<0.01
ZZ75210		1.29	24.7	1.53	1.82	0.05	0.05	0.09	0.026	0.08	16.3	4.9	0.16	317	2.27	<0.01
ZZ75211		1.56	14.9	1.24	1.97	<0.05	0.03	0.11	0.020	0.05	14.1	4.3	0.13	874	1.54	<0.01
ZZ75212		1.80	24.2	1.61	2.31	0.05	0.04	0.14	0.027	0.09	18.2	5.4	0.15	415	1.98	<0.01
ZZ75213		0.39	16.9	0.40	0.65	<0.05	0.03	0.08	0.006	0.01	4.8	0.8	0.05	444	0.36	<0.01
ZZ75214		1.20	34.8	2.22	2.76	<0.05	0.05	0.38	0.036	0.08	9.3	11.7	0.20	149	2.64	<0.01
ZZ75215		0.90	34.7	2.21	2.72	<0.05	0.04	0.33	0.032	0.07	9.4	11.7	0.23	279	1.84	<0.01
ZZ75216		0.64	71.0	2.61	4.13	0.05	0.04	0.10	0.025	0.06	8.0	20.1	0.77	801	0.55	<0.01
ZZ75217		0.71	79.5	3.31	5.26	0.05	0.06	0.13	0.034	0.07	10.5	32.1	0.92	561	0.55	<0.01
ZZ75218		0.88	85.4	4.18	5.96	0.07	0.08	0.09	0.038	0.06	14.3	37.8	1.40	714	0.56	<0.01
ZZ75219		1.17	42.0	3.93	6.39	0.05	0.03	0.03	0.039	0.06	15.9	41.0	0.85	593	0.91	<0.01
ZZ75220		0.75	45.4	2.01	4.66	0.05	0.10	0.07	0.030	0.07	13.9	35.3	1.03	103	0.44	<0.01
ZZ75221		0.77	59.7	3.23	5.43	0.06	0.07	0.11	0.037	0.08	15.3	38.7	0.82	432	0.69	<0.01
ZZ75222		1.03	78.3	4.25	5.51	0.06	0.09	0.13	0.045	0.08	15.8	36.7	0.82	615	0.74	<0.01
ZZ75223		0.70	57.0	3.71	5.39	0.05	0.10	0.11	0.039	0.09	14.8	37.5	0.69	559	0.82	<0.01
ZZ75224		0.93	61.5	1.54	2.58	<0.05	0.06	0.21	0.033	0.08	6.5	9.5	0.15	206	2.38	<0.01
ZZ75225		1.26	61.9	2.64	2.40	0.05	0.03	0.35	0.039	0.12	7.1	8.2	0.42	318	6.05	<0.01
ZZ75226		1.12	70.6	1.67	2.54	0.05	0.04	0.24	0.039	0.10	7.6	9.1	0.17	123	4.63	<0.01
ZZ75227		1.03	78.4	2.43	2.42	0.07	0.04	0.21	0.038	0.11	7.7	7.8	0.23	349	8.33	<0.01
ZZ75228		0.98	77.5	1.91	1.82	0.05	0.05	0.20	0.034	0.09	6.0	6.2	0.14	81	5.38	<0.01
ZZ75229		0.86	46.8	2.33	3.05	<0.05	0.06	0.24	0.037	0.09	6.6	14.8	0.19	292	2.58	<0.01
ZZ75230		0.70	74.6	1.67	1.93	0.06	0.06	0.22	0.028	0.06	6.0	4.7	0.10	213	4.80	<0.01
ZZ75231		0.85	36.4	7.44	1.90	0.05	0.05	0.24	0.031	0.06	4.7	4.6	0.09	1000	11.10	<0.01
ZZ75232		0.57	17.2	3.91	1.59	0.05	0.03	1.00	0.016	0.04	8.3	3.5	7.59	1460	4.92	<0.01
ZZ75233		0.72	45.2	2.41	2.03	<0.05	0.05	0.25	0.030	0.07	5.7	6.7	0.22	1240	3.47	<0.01
ZZ75234		0.72	62.0	2.22	2.28	<0.05	0.05	0.27	0.032	0.08	6.4	7.6	0.28	2100	4.53	<0.01
ZZ75235		0.83	60.5	1.72	2.43	0.06	0.05	0.22	0.039	0.08	6.5	7.7	0.21	165	3.03	<0.01
ZZ75236		0.70	81.2	6.20	2.42	0.07	0.07	0.34	0.033	0.07	7.2	7.1	0.72	538	23.6	<0.01
ZZ75237		0.94	54.4	0.90	1.35	0.05	0.06	0.12	0.034	0.08	4.9	3.7	0.11	117	2.02	<0.01
ZZ75238		0.96	55.6	3.34	2.99	0.05	0.06	0.24	0.041	0.08	6.9	11.0	0.25	254	6.91	<0.01
ZZ75239		0.92	51.1	1.87	2.01	0.05	0.09	0.17	0.035	0.11	4.7	11.1	0.18	90	3.57	<0.01
ZZ75240		0.82	56.7	2.02	2.57	0.07	0.07	0.17	0.035	0.08	8.6	10.7	0.24	107	4.27	<0.01
ZZ75241		0.80	55.6	3.08	2.63	0.06	0.03	0.24	0.035	0.08	6.7	9.0	0.19	397	4.69	<0.01
ZZ75242		0.68	71.6	3.76	3.37	0.07	0.04	0.17	0.043	0.08	10.9	21.1	0.59	588	2.14	<0.01
ZZ75243		0.70	59.3	3.10	2.55	0.07	0.05	0.22	0.040	0.09	7.0	8.7	0.18	452	7.19	<0.01
ZZ75244		0.68	76.4	4.25	5.46	0.08	0.07	0.14	0.036	0.06	12.5	32.9	1.14	855	0.62	<0.01
ZZ75245		0.56	67.4	4.06	5.08	0.07	0.07	0.13	0.041	0.07	12.3	34.3	0.92	541	0.73	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75206		0.49	25.4	1260	14.4	8.1	<0.001	0.11	0.90	1.3	1.3	0.4	29.7	0.01	0.07	0.6
ZZ75207		0.57	24.9	1180	12.0	7.3	<0.001	0.10	0.86	1.4	1.0	0.4	29.9	<0.01	0.05	0.6
ZZ75208		0.27	26.4	1260	12.1	6.0	<0.001	0.12	0.73	1.1	1.3	0.3	77.5	0.01	0.13	0.5
ZZ75209		0.27	29.8	1220	10.1	5.8	<0.001	0.13	0.75	1.1	1.3	0.3	55.8	<0.01	0.05	0.5
ZZ75210		0.25	36.4	1070	11.9	5.9	0.001	0.08	0.78	1.7	1.5	0.3	79.5	<0.01	0.09	0.7
ZZ75211		0.40	18.3	890	10.7	6.0	<0.001	0.12	0.56	1.5	1.0	0.3	33.8	<0.01	0.05	0.4
ZZ75212		0.35	34.2	1090	12.0	12.0	0.001	0.10	0.75	2.0	1.9	0.4	39.4	<0.01	0.05	0.6
ZZ75213		0.14	11.5	730	2.4	1.6	<0.001	0.15	0.42	0.3	1.6	<0.2	60.0	0.01	0.02	0.2
ZZ75214		0.23	34.8	610	16.7	9.2	0.001	0.04	0.80	3.9	1.9	0.4	46.9	<0.01	0.05	1.4
ZZ75215		0.20	32.7	870	22.1	8.2	0.001	0.07	0.95	2.6	1.9	0.4	34.0	<0.01	0.05	0.7
ZZ75216		0.18	25.3	780	11.6	6.4	<0.001	0.12	0.60	3.4	1.6	0.2	97.6	<0.01	0.07	0.7
ZZ75217		0.17	29.7	680	14.5	6.1	<0.001	0.08	0.52	6.4	1.5	0.3	70.7	<0.01	0.09	1.6
ZZ75218		0.09	35.2	620	16.3	4.8	<0.001	0.02	0.52	9.1	1.0	0.2	103.0	<0.01	0.10	4.7
ZZ75219		0.39	32.8	200	18.8	11.8	<0.001	0.01	0.55	4.4	0.6	0.5	11.7	<0.01	0.07	5.0
ZZ75220		0.46	27.3	620	15.9	6.9	0.001	0.16	0.40	5.5	1.3	0.3	46.7	<0.01	0.05	5.2
ZZ75221		0.51	33.8	670	16.4	7.3	<0.001	0.04	0.61	7.0	1.2	0.4	42.7	<0.01	0.07	5.3
ZZ75222		0.15	38.9	480	25.4	8.3	<0.001	0.02	0.62	10.4	1.2	0.4	54.2	<0.01	0.08	6.4
ZZ75223		0.39	34.6	480	19.8	8.3	0.001	0.04	0.63	7.5	1.4	0.5	57.2	<0.01	0.07	5.6
ZZ75224		0.27	46.1	1010	16.1	9.7	0.006	0.14	2.01	4.6	5.7	0.4	116.5	<0.01	0.08	2.8
ZZ75225		0.16	61.9	1300	17.6	10.7	0.006	0.08	2.62	5.8	4.1	0.4	93.6	<0.01	0.12	3.0
ZZ75226		0.25	52.9	1060	17.7	10.7	0.011	0.09	2.09	5.1	7.3	0.4	89.6	<0.01	0.10	3.1
ZZ75227		0.23	80.0	1420	16.8	10.1	0.007	0.08	3.12	5.8	7.7	0.4	106.0	<0.01	0.11	3.8
ZZ75228		0.17	86.4	1180	14.6	8.5	0.013	0.16	2.65	4.8	8.5	0.4	128.5	<0.01	0.09	2.4
ZZ75229		0.26	35.3	900	18.7	10.0	0.009	0.07	1.50	4.9	4.2	0.5	76.1	<0.01	0.08	2.8
ZZ75230		0.26	90.5	870	11.9	7.5	0.027	0.19	2.41	4.2	11.9	0.3	116.0	<0.01	0.07	2.1
ZZ75231		0.18	48.0	1110	11.6	8.7	0.029	0.11	1.91	3.8	9.5	0.3	84.8	<0.01	0.08	2.1
ZZ75232		0.06	16.2	450	868	3.5	0.003	0.06	0.74	2.6	1.9	0.3	120.0	<0.01	0.04	2.3
ZZ75233		0.20	57.8	1000	20.5	8.6	0.017	0.12	1.65	3.3	4.8	0.3	101.5	<0.01	0.07	1.4
ZZ75234		0.20	73.1	1030	24.2	8.1	0.015	0.11	2.00	4.2	5.8	0.4	106.0	<0.01	0.11	2.0
ZZ75235		0.27	41.7	990	16.3	8.9	0.019	0.16	2.34	4.7	11.5	0.4	94.7	<0.01	0.11	2.5
ZZ75236		0.22	67.7	1040	41.0	8.0	0.014	0.11	3.16	5.3	11.3	0.4	82.0	<0.01	0.10	3.1
ZZ75237		0.09	43.6	1220	11.9	7.4	0.010	0.08	1.51	4.0	5.2	0.3	116.0	<0.01	0.10	3.0
ZZ75238		0.28	45.6	980	21.3	9.7	0.023	0.13	2.34	5.6	9.4	0.5	77.3	<0.01	0.11	3.6
ZZ75239		0.15	40.0	670	13.2	8.8	0.005	0.05	1.57	4.4	2.9	0.4	50.0	<0.01	0.09	3.9
ZZ75240		0.38	51.2	1130	14.2	8.6	0.008	0.07	1.72	5.6	5.1	0.4	76.3	<0.01	0.10	4.0
ZZ75241		0.24	40.5	1250	15.7	9.0	0.010	0.07	1.83	5.1	6.0	0.4	61.6	<0.01	0.11	2.6
ZZ75242		0.21	70.2	890	19.5	6.9	0.004	0.04	1.11	7.5	3.1	0.4	67.5	<0.01	0.09	3.0
ZZ75243		0.22	53.5	1250	16.0	8.7	0.005	0.07	2.31	5.9	6.1	0.5	86.3	<0.01	0.14	3.0
ZZ75244		0.15	35.8	590	16.7	4.9	<0.001	0.02	0.45	8.1	1.1	0.3	79.3	<0.01	0.09	3.5
ZZ75245		0.28	33.0	430	16.5	5.5	0.001	0.03	0.47	7.8	1.3	0.4	44.1	<0.01	0.08	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ75206		0.012	0.16	0.69	38	0.36	27.8	146	1.1
ZZ75207		0.015	0.17	0.66	38	0.31	27.1	125	1.0
ZZ75208		0.008	0.18	0.41	20	0.19	32.5	164	1.9
ZZ75209		0.007	0.14	0.74	22	0.26	28.7	110	1.5
ZZ75210		0.007	0.15	0.78	26	0.33	31.3	107	1.5
ZZ75211		0.014	0.11	0.92	24	0.20	21.6	113	0.9
ZZ75212		0.007	0.16	1.02	30	0.24	33.5	122	1.4
ZZ75213		<0.005	0.03	1.92	5	0.17	8.21	76	1.0
ZZ75214		<0.005	0.17	1.09	29	0.12	20.0	143	1.6
ZZ75215		<0.005	0.17	1.35	31	0.25	19.80	153	1.3
ZZ75216		0.005	0.06	1.70	31	0.09	10.75	69	1.5
ZZ75217		0.005	0.06	1.24	40	0.09	12.45	74	1.8
ZZ75218		0.006	0.06	0.63	46	<0.05	13.10	83	3.8
ZZ75219		0.008	0.11	0.77	50	0.26	5.08	70	1.6
ZZ75220		0.011	0.10	1.04	33	0.10	10.60	91	4.1
ZZ75221		0.012	0.08	0.78	42	0.11	12.50	90	3.2
ZZ75222		<0.005	0.12	0.81	40	<0.05	18.95	97	3.9
ZZ75223		0.007	0.11	0.77	43	0.09	15.15	83	4.3
ZZ75224		<0.005	0.26	4.04	71	0.09	20.7	232	2.8
ZZ75225		<0.005	0.31	2.99	85	0.07	22.2	340	1.5
ZZ75226		<0.005	0.29	4.96	78	0.07	22.2	251	1.9
ZZ75227		<0.005	0.28	4.21	92	0.11	25.6	412	2.7
ZZ75228		<0.005	0.32	4.43	62	0.12	24.3	417	2.2
ZZ75229		<0.005	0.21	2.40	71	0.07	17.25	220	2.1
ZZ75230		<0.005	0.28	5.84	54	0.11	21.4	352	2.9
ZZ75231		<0.005	0.26	3.03	64	0.06	14.95	243	2.1
ZZ75232		<0.005	1.74	1.84	16	<0.05	9.03	3550	1.3
ZZ75233		<0.005	0.35	2.59	49	0.15	17.25	812	1.6
ZZ75234		<0.005	0.36	2.85	57	0.08	20.0	962	1.9
ZZ75235		<0.005	0.29	3.36	71	0.08	20.9	522	2.5
ZZ75236		<0.005	0.29	4.27	68	0.08	25.1	1110	3.3
ZZ75237		<0.005	0.23	2.85	46	<0.05	22.5	295	3.3
ZZ75238		<0.005	0.32	3.27	75	0.09	19.00	473	2.9
ZZ75239		<0.005	0.18	1.34	41	<0.05	12.60	207	4.2
ZZ75240		0.008	0.19	3.03	62	0.09	20.4	270	3.7
ZZ75241		<0.005	0.23	3.22	80	0.07	17.55	203	1.2
ZZ75242		<0.005	0.14	1.86	56	0.05	25.5	302	2.9
ZZ75243		<0.005	0.21	3.43	92	0.08	21.8	334	2.1
ZZ75244		0.006	0.07	0.60	43	0.06	12.60	88	2.6
ZZ75245		0.007	0.06	0.92	42	0.05	13.15	89	2.3

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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VANCOUVER BC V6B 1L8

Finalized Date: 13- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ75246		0.37	0.004	0.11	1.74	12.2	<0.2	<10	220	0.97	0.27	0.55	0.18	31.2	13.8	28
ZZ75247		0.35	0.003	0.16	1.68	11.8	<0.2	<10	280	1.04	0.28	0.83	0.23	30.9	15.6	26
ZZ75248		0.22	0.004	0.15	1.47	7.5	<0.2	<10	340	0.68	0.20	1.59	0.49	24.8	10.2	26
ZZ75249		0.26	0.003	0.23	1.91	10.3	<0.2	<10	810	0.62	0.27	0.26	0.79	26.5	5.2	27
ZZ75250		0.10	0.002	0.24	0.25	1.2	<0.2	<10	130	0.10	0.09	0.36	0.45	5.46	2.1	7
ZZ75251		0.28	0.002	0.07	2.05	10.7	<0.2	<10	330	0.75	0.27	0.56	0.16	33.2	15.3	30
ZZ75252		0.35	0.003	0.26	1.53	15.9	<0.2	<10	360	0.99	0.29	1.51	1.44	25.8	15.4	22
ZZ75253		0.25	0.002	0.13	1.77	12.3	<0.2	<10	170	0.94	0.26	0.79	1.15	23.1	13.5	24
ZZ75254		0.21	0.003	0.26	1.59	14.1	<0.2	<10	280	0.92	0.26	2.04	1.74	21.3	13.3	23
ZZ75255		0.11	0.006	1.22	0.84	16.1	<0.2	10	1170	0.68	0.20	1.49	2.79	10.55	7.6	22
ZZ75256		0.27	0.006	1.23	0.88	19.1	<0.2	<10	1720	0.84	0.22	0.65	2.67	12.85	10.4	25
ZZ75257		0.29	0.005	0.88	0.70	12.2	<0.2	<10	1550	0.68	0.17	0.52	1.82	12.05	5.6	20
ZZ75258		0.24	0.004	1.35	0.72	18.7	<0.2	<10	1810	0.72	0.20	0.57	2.19	11.35	8.5	22
ZZ75259		0.29	0.007	1.42	0.83	18.8	<0.2	<10	2150	0.81	0.22	0.55	2.69	14.15	6.2	24
ZZ75260		0.26	0.009	1.13	0.80	11.6	<0.2	<10	2090	0.72	0.19	0.65	1.57	12.60	8.8	23
ZZ75261		0.22	0.004	1.07	0.91	28.4	<0.2	10	1320	0.77	0.21	1.27	1.71	12.90	21.1	23
ZZ75262		0.14	0.005	1.11	0.80	13.1	<0.2	<10	1720	0.72	0.19	1.20	1.90	11.75	15.6	21
ZZ75263		0.48	0.003	0.12	2.04	12.9	<0.2	<10	310	1.16	0.29	0.24	0.17	41.1	20.3	29
ZZ75264		0.41	0.003	0.19	1.68	13.5	<0.2	<10	320	0.93	0.28	0.46	0.30	30.8	14.7	26
ZZ75265		0.37	0.004	0.14	1.55	12.3	<0.2	<10	220	0.89	0.29	0.57	0.23	29.6	15.4	24
ZZ75266		0.33	0.003	0.13	1.31	11.4	<0.2	<10	240	0.88	0.29	0.71	0.23	26.0	12.2	20
ZZ75267		0.29	0.002	0.16	0.86	13	<0.2	<10	120	0.78	0.22	10.90	0.35	21.2	13.7	13
ZZ75268		0.49	0.004	0.13	1.65	10.6	<0.2	<10	110	0.82	0.24	3.34	0.72	18.40	17.4	24
ZZ75269		0.33	0.003	0.05	2.70	12.9	<0.2	<10	230	1.54	0.28	0.09	0.65	45.4	25.1	36
ZZ75270		0.19	0.005	1.23	0.81	12.6	<0.2	<10	1470	0.75	0.20	0.81	1.98	13.30	7.0	24
ZZ75271		0.37	0.002	0.04	2.05	11.5	<0.2	<10	220	1.00	0.28	0.36	0.27	29.5	16.6	28
ZZ75272		0.24	0.002	0.04	1.79	17.2	<0.2	<10	170	1.11	0.31	0.14	0.06	28.8	17.7	24
ZZ75273		0.43	0.003	0.17	1.70	11.7	<0.2	<10	390	0.95	0.28	0.72	0.18	30.5	15.3	28
ZZ75274		0.19	0.002	0.09	2.80	16.1	<0.2	<10	420	1.82	0.28	1.22	0.33	53.2	16.5	38
ZZ75275		0.34	0.002	0.06	1.83	10.7	<0.2	<10	240	1.09	0.31	0.40	0.29	34.7	17.1	26
ZZ75276		0.30	0.004	0.19	1.44	9.2	<0.2	<10	270	0.77	0.28	0.80	0.52	28.9	12.1	25
ZZ75277		0.29	0.003	0.15	1.37	6.8	<0.2	<10	260	0.71	0.25	1.32	0.52	27.4	10.3	23
ZZ75278		0.21	0.003	0.17	1.58	7.8	<0.2	<10	280	0.80	0.26	0.91	0.30	29.7	11.2	26
ZZ75279		0.41	0.004	0.16	1.50	11.1	<0.2	<10	280	0.88	0.30	0.69	0.23	29.6	14.6	23
ZZ75280		0.58	0.003	0.21	0.88	9.8	<0.2	<10	150	0.85	0.38	0.42	0.20	20.2	15.7	14
ZZ75281		0.41	0.002	0.16	0.91	12.0	<0.2	<10	160	0.78	0.34	0.55	0.20	23.2	13.8	15
ZZ75282		0.47	0.003	0.38	0.85	11.5	<0.2	<10	400	0.82	0.27	1.19	0.57	19.65	11.5	17
ZZ75283		0.35	0.005	0.27	1.34	15.3	<0.2	<10	150	0.94	0.30	0.53	0.35	30.4	12.0	22
ZZ75284		0.16	0.004	0.17	0.95	3.1	<0.2	10	270	0.65	0.22	2.19	0.43	17.60	5.6	16
ZZ75285		0.36	0.003	0.13	0.91	8.3	<0.2	<10	200	0.64	0.21	2.03	0.44	19.70	9.0	16

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75246		0.57	50.1	3.98	5.20	0.08	0.08	0.08	0.035	0.07	16.2	35.4	0.93	395	0.64	<0.01
ZZ75247		0.68	48.7	4.03	4.66	0.07	0.06	0.10	0.036	0.08	16.2	30.6	0.80	714	0.68	0.01
ZZ75248		0.66	40.2	2.97	4.57	0.05	0.07	0.11	0.031	0.05	11.8	25.6	0.70	197	0.28	<0.01
ZZ75249		0.95	9.5	2.57	6.10	0.05	0.03	0.04	0.027	0.04	13.2	13.0	0.28	133	1.64	<0.01
ZZ75250		0.50	6.8	0.47	1.27	<0.05	<0.02	0.06	0.009	0.03	2.9	0.9	0.03	255	0.46	<0.01
ZZ75251		1.13	30.6	3.83	6.35	0.05	0.03	0.04	0.036	0.06	12.7	25.4	0.73	575	0.97	<0.01
ZZ75252		0.68	42.1	4.57	4.40	0.06	0.06	0.23	0.033	0.08	11.6	24.9	1.13	1280	0.80	0.01
ZZ75253		0.63	45.6	4.35	4.93	0.06	0.07	0.11	0.035	0.07	10.8	27.4	0.81	571	0.79	0.01
ZZ75254		0.59	48.5	4.32	4.38	0.06	0.07	0.19	0.032	0.09	10.3	22.4	1.36	1020	0.67	<0.01
ZZ75255		0.68	60.5	2.58	2.33	0.06	0.06	0.24	0.033	0.07	5.4	8.7	0.29	236	2.88	<0.01
ZZ75256		0.91	71.9	2.16	2.51	0.07	0.06	0.24	0.035	0.09	6.6	10.0	0.20	203	6.52	<0.01
ZZ75257		0.68	55.3	1.83	2.22	0.06	0.04	0.19	0.027	0.08	6.1	7.5	0.18	263	5.80	0.01
ZZ75258		0.72	67.6	2.33	2.12	0.06	0.05	0.24	0.033	0.07	5.9	7.0	0.13	72	8.29	<0.01
ZZ75259		0.85	77.3	1.29	2.46	0.07	0.04	0.26	0.038	0.08	7.4	8.4	0.17	54	8.43	<0.01
ZZ75260		0.82	56.8	1.85	2.34	0.05	0.04	0.22	0.031	0.08	6.3	8.6	0.19	277	4.35	<0.01
ZZ75261		0.73	34.0	4.56	2.58	0.07	0.06	0.20	0.033	0.08	6.4	10.1	0.24	2310	9.23	<0.01
ZZ75262		0.63	52.7	6.09	2.21	0.06	0.07	0.18	0.032	0.07	5.9	9.5	0.25	769	9.46	<0.01
ZZ75263		0.79	69.2	4.72	5.90	0.08	0.05	0.08	0.037	0.07	17.2	34.9	0.99	816	0.74	<0.01
ZZ75264		0.67	60.9	4.03	5.17	0.08	0.07	0.10	0.034	0.07	15.4	31.5	0.85	383	1.04	<0.01
ZZ75265		1.02	53.3	3.90	4.50	0.07	0.08	0.22	0.034	0.09	14.1	30.2	0.79	408	0.64	0.01
ZZ75266		0.79	46.8	3.57	3.74	0.06	0.07	0.07	0.033	0.11	11.7	24.6	0.62	326	0.60	0.01
ZZ75267		0.84	43.4	4.54	2.48	0.06	0.05	0.07	0.030	0.07	8.5	15.9	0.93	450	0.61	0.01
ZZ75268		0.73	74.6	3.87	4.98	0.07	0.09	0.17	0.034	0.08	8.1	35.8	2.11	352	0.63	0.01
ZZ75269		0.88	69.9	5.61	6.89	0.09	0.08	0.12	0.049	0.09	17.7	36.9	1.09	1580	0.59	<0.01
ZZ75270		0.74	60.3	1.08	2.29	0.06	0.06	0.23	0.033	0.08	6.7	9.2	0.20	236	2.54	<0.01
ZZ75271		0.90	40.9	4.33	5.87	0.06	0.06	0.04	0.038	0.07	12.3	32.7	0.80	631	0.57	<0.01
ZZ75272		0.84	47.7	4.55	4.40	0.06	0.03	0.06	0.037	0.06	11.7	30.9	0.68	686	0.57	<0.01
ZZ75273		0.68	48.1	3.97	5.05	0.06	0.06	0.09	0.036	0.08	13.5	24.8	0.73	680	0.76	0.01
ZZ75274		0.85	39.9	4.89	5.85	0.10	0.12	0.05	0.045	0.08	23.8	25.5	1.24	1780	0.62	<0.01
ZZ75275		0.68	46.9	4.18	5.10	0.06	0.07	0.07	0.039	0.08	14.6	29.7	0.78	632	0.65	<0.01
ZZ75276		0.68	40.0	3.14	4.29	0.06	0.06	0.10	0.028	0.08	14.8	26.1	0.65	379	0.61	<0.01
ZZ75277		0.63	40.2	2.07	4.20	0.05	0.07	0.09	0.029	0.06	12.3	26.3	0.66	589	0.19	<0.01
ZZ75278		0.60	38.4	3.09	4.79	0.05	0.06	0.10	0.028	0.07	14.2	31.5	0.73	296	0.52	<0.01
ZZ75279		0.73	55.6	3.78	4.50	0.06	0.07	0.09	0.031	0.07	14.5	26.5	0.70	555	0.71	<0.01
ZZ75280		0.99	52.9	4.28	2.57	0.05	0.07	0.09	0.034	0.09	9.0	14.6	0.39	495	0.72	<0.01
ZZ75281		1.12	50.0	3.75	2.69	0.05	0.07	0.09	0.031	0.10	10.8	17.8	0.45	394	0.87	<0.01
ZZ75282		1.27	45.7	3.74	2.50	0.05	0.07	0.10	0.030	0.10	10.1	14.9	0.42	481	2.65	<0.01
ZZ75283		1.24	66.9	4.06	3.37	0.07	0.07	0.21	0.042	0.06	17.5	34.7	0.58	503	0.98	<0.01
ZZ75284		0.72	43.4	1.31	2.74	<0.05	0.07	0.19	0.020	0.07	8.6	14.0	0.42	368	0.25	0.01
ZZ75285		0.55	27.0	2.66	2.78	<0.05	0.04	0.09	0.020	0.06	8.7	13.7	0.59	751	0.63	<0.01

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VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ75246		0.28	33.1	670	15.7	5.8	<0.001	0.02	0.38	6.8	0.9	0.4	27.0	<0.01	0.08	4.5
ZZ75247		0.28	34.1	550	21.2	6.5	<0.001	0.03	0.43	7.7	1.1	0.4	34.1	<0.01	0.07	2.8
ZZ75248		0.61	22.2	750	12.4	7.0	<0.001	0.13	0.42	5.2	1.6	0.4	66.9	<0.01	0.05	2.4
ZZ75249		1.12	15.1	480	14.8	7.8	0.001	0.01	0.51	2.9	0.9	0.7	17.4	<0.01	0.04	3.3
ZZ75250		0.13	5.5	570	5.0	3.1	0.001	0.04	0.16	1.1	0.4	0.2	13.4	<0.01	0.02	0.3
ZZ75251		0.70	25.7	490	15.7	8.9	<0.001	0.01	0.43	4.3	0.6	0.5	27.7	<0.01	0.05	2.9
ZZ75252		0.23	29.9	510	46.8	6.6	<0.001	0.03	0.36	5.3	1.1	0.4	25.0	<0.01	0.05	2.9
ZZ75253		0.18	27.4	460	38.0	8.3	<0.001	0.03	0.29	6.4	0.7	0.4	24.2	<0.01	0.07	3.2
ZZ75254		0.24	27.6	810	50.7	7.4	<0.001	0.05	0.34	5.0	0.9	0.4	24.1	<0.01	0.06	2.0
ZZ75255		0.23	52.1	860	18.5	6.2	0.011	0.27	1.77	4.3	6.8	0.4	60.8	<0.01	0.10	2.3
ZZ75256		0.23	74.3	1070	16.9	8.9	0.020	0.24	2.39	5.6	8.4	0.4	81.1	<0.01	0.13	3.1
ZZ75257		0.21	33.8	840	13.1	7.5	0.010	0.07	2.89	4.1	5.4	0.4	63.7	<0.01	0.09	2.5
ZZ75258		0.20	54.2	1010	14.7	7.5	0.014	0.17	2.80	5.1	9.1	0.4	77.3	<0.01	0.10	2.9
ZZ75259		0.27	50.0	990	16.5	8.2	0.011	0.19	3.37	5.4	7.9	0.5	80.9	<0.01	0.11	3.2
ZZ75260		0.21	42.5	1010	15.4	8.4	0.012	0.11	2.21	4.8	6.3	0.4	79.6	<0.01	0.10	3.0
ZZ75261		0.22	59.6	1270	15.7	9.7	0.016	0.12	1.75	4.6	9.7	0.4	74.7	<0.01	0.12	1.8
ZZ75262		0.22	65.0	970	12.9	7.9	0.025	0.22	1.67	4.9	8.8	0.4	72.2	<0.01	0.10	2.3
ZZ75263		0.14	39.0	420	20.9	6.7	<0.001	0.01	0.37	8.1	1.1	0.4	18.1	<0.01	0.08	5.3
ZZ75264		0.23	38.5	680	15.9	5.8	0.001	0.01	0.53	7.2	1.5	0.4	27.0	<0.01	0.08	4.5
ZZ75265		0.32	33.4	650	18.8	7.1	<0.001	0.02	0.41	6.8	0.9	0.4	29.7	<0.01	0.06	5.0
ZZ75266		0.22	29.4	640	20.5	7.5	0.001	0.03	0.33	5.9	1.2	0.4	33.3	<0.01	0.07	3.7
ZZ75267		0.12	33.4	740	38.8	5.2	<0.001	0.04	0.35	4.4	1.0	0.3	326	<0.01	0.10	3.0
ZZ75268		0.15	32.3	590	26.1	6.8	0.001	0.80	0.33	8.4	1.1	0.3	53.8	<0.01	0.09	3.6
ZZ75269		0.16	41.6	290	30.6	9.9	<0.001	0.01	0.29	10.1	1.0	0.4	8.6	<0.01	0.09	6.0
ZZ75270		0.23	50.2	970	15.0	8.1	0.014	0.28	1.56	5.3	6.8	0.4	67.2	<0.01	0.09	3.1
ZZ75271		0.30	30.9	230	37.5	10.3	<0.001	0.01	0.25	5.8	0.5	0.5	20.6	<0.01	0.07	4.1
ZZ75272		0.12	32.2	240	25.7	7.6	<0.001	<0.01	0.39	5.2	0.7	0.3	11.6	<0.01	0.06	4.5
ZZ75273		0.50	31.6	740	19.3	7.2	<0.001	0.01	0.37	6.7	1.0	0.4	34.6	<0.01	0.07	3.9
ZZ75274		0.29	33.4	580	27.6	11.5	<0.001	0.02	0.28	11.9	1.4	0.5	11.3	<0.01	0.06	5.6
ZZ75275		0.17	34.0	230	49.4	9.9	<0.001	0.02	0.40	8.1	1.0	0.4	22.5	<0.01	0.06	5.4
ZZ75276		0.66	27.7	740	31.1	8.1	<0.001	0.03	0.55	5.5	1.1	0.4	33.2	<0.01	0.04	3.4
ZZ75277		0.68	24.6	570	16.3	7.6	0.001	0.10	0.47	5.6	1.4	0.4	51.4	<0.01	0.05	3.6
ZZ75278		0.50	25.5	620	16.4	8.0	<0.001	0.05	0.40	5.6	1.1	0.4	37.5	<0.01	0.05	3.0
ZZ75279		0.34	32.3	520	19.2	6.8	<0.001	0.03	0.48	7.5	1.0	0.4	33.6	<0.01	0.06	3.3
ZZ75280		0.11	37.9	530	29.8	6.2	<0.001	0.02	0.43	6.3	1.1	0.4	29.8	<0.01	0.06	5.2
ZZ75281		0.13	34.1	670	24.6	7.1	<0.001	0.02	0.46	6.8	1.2	0.3	29.1	<0.01	0.06	5.0
ZZ75282		0.20	37.8	650	19.4	9.0	0.002	0.06	0.73	7.1	2.1	0.3	53.7	<0.01	0.05	2.7
ZZ75283		0.16	32.1	670	25.5	6.5	0.001	0.04	0.61	13.5	1.7	0.2	32.5	<0.01	0.05	3.7
ZZ75284		0.43	16.8	880	15.2	8.7	0.002	0.17	0.38	3.5	1.8	0.3	63.9	<0.01	0.02	1.1
ZZ75285		0.37	18.0	830	26.7	6.2	<0.001	0.09	0.39	3.0	0.8	0.3	37.7	<0.01	0.03	1.0

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CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ75246		0.009	0.08	1.05	41	<0.05	12.85	88	2.9
ZZ75247		0.009	0.09	0.92	38	0.06	19.45	91	2.0
ZZ75248		0.012	0.08	2.10	40	0.10	10.25	93	2.3
ZZ75249		0.025	0.15	1.02	65	0.23	5.57	63	1.2
ZZ75250		0.007	0.04	0.42	16	<0.05	2.97	59	0.5
ZZ75251		0.017	0.12	0.79	61	0.16	6.43	83	1.1
ZZ75252		0.005	0.20	1.39	34	<0.05	10.15	898	1.8
ZZ75253		<0.005	0.15	0.98	39	<0.05	10.05	434	2.4
ZZ75254		0.005	0.17	1.15	36	<0.05	11.95	955	2.0
ZZ75255		<0.005	0.30	4.81	65	0.07	17.40	719	2.8
ZZ75256		<0.005	0.30	4.66	81	0.06	20.9	462	3.0
ZZ75257		0.005	0.29	3.20	90	0.13	15.30	214	1.9
ZZ75258		<0.005	0.29	3.77	76	0.13	19.20	464	2.3
ZZ75259		<0.005	0.37	3.95	97	0.10	22.0	312	2.4
ZZ75260		<0.005	0.32	3.47	81	0.07	17.90	265	2.2
ZZ75261		<0.005	0.23	3.73	80	0.09	17.70	501	2.3
ZZ75262		<0.005	0.19	5.51	62	0.13	18.00	338	3.0
ZZ75263		<0.005	0.08	0.83	47	<0.05	12.55	86	2.5
ZZ75264		0.007	0.08	1.37	45	0.05	13.20	104	2.6
ZZ75265		0.011	0.09	0.58	38	0.08	11.55	93	3.2
ZZ75266		0.005	0.08	0.99	30	<0.05	11.40	95	2.6
ZZ75267		<0.005	0.16	1.37	22	<0.05	10.50	219	2.1
ZZ75268		<0.005	0.11	1.39	40	<0.05	12.10	249	4.2
ZZ75269		<0.005	0.19	0.99	57	<0.05	13.20	168	2.9
ZZ75270		<0.005	0.23	3.64	72	0.08	20.7	313	3.2
ZZ75271		0.005	0.11	0.69	47	0.06	7.06	219	2.2
ZZ75272		<0.005	0.10	0.57	35	<0.05	8.01	77	1.4
ZZ75273		0.014	0.09	0.72	46	0.13	12.15	92	2.2
ZZ75274		<0.005	0.14	1.97	51	0.11	24.7	126	3.6
ZZ75275		<0.005	0.10	0.83	41	<0.05	12.10	167	3.2
ZZ75276		0.018	0.10	0.93	38	0.11	11.65	249	2.0
ZZ75277		0.013	0.13	1.45	38	0.11	10.20	1360	3.1
ZZ75278		0.011	0.07	1.65	41	0.08	10.70	393	2.0
ZZ75279		0.009	0.08	0.91	38	0.09	12.90	81	2.2
ZZ75280		<0.005	0.14	0.69	22	<0.05	10.75	115	3.0
ZZ75281		<0.005	0.10	0.62	24	<0.05	11.35	102	3.3
ZZ75282		<0.005	0.12	1.92	31	<0.05	13.75	131	2.5
ZZ75283		<0.005	0.10	0.93	28	<0.05	24.0	92	2.2
ZZ75284		0.008	0.12	3.10	21	0.05	9.95	294	2.2
ZZ75285		0.008	0.11	1.22	25	0.09	8.04	129	1.2

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Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ75286		0.39	0.002	0.14	1.16	8.8	<0.2	<10	170	0.71	0.20	5.67	0.62	22.3	10.0	18
ZZ75287		0.19	0.003	0.18	1.27	9.3	<0.2	<10	250	0.69	0.23	1.67	0.67	24.7	10.4	20
ZZ75288		0.37	0.002	0.08	0.43	23	<0.2	<10	50	0.54	0.10	15.10	0.67	12.20	5.4	8
ZZ75289		0.26	0.003	0.20	1.46	10.3	<0.2	<10	320	0.87	0.26	2.17	1.53	30.5	12.8	23
ZZ75290		0.29	0.002	0.05	2.14	12.8	<0.2	<10	220	1.34	0.30	0.25	0.33	39.1	18.9	29
ZZ75291		0.30	0.004	0.16	1.70	20.3	<0.2	<10	280	1.21	0.23	5.46	0.47	23.6	11.1	23
ZZ75292		0.33	0.003	0.10	1.74	7.7	<0.2	<10	260	0.83	0.28	0.57	0.39	32.8	16.7	27
ZZ75293		0.26	0.002	0.09	1.37	8.3	<0.2	<10	270	0.54	0.27	1.03	0.35	19.80	8.0	21
ZZ75294		0.39	0.003	0.10	2.04	11.8	<0.2	<10	250	1.19	0.32	0.76	0.18	34.1	19.7	29
ZZ75295		0.55	0.003	0.08	1.36	10.3	<0.2	<10	220	0.67	0.23	6.86	0.69	22.8	16.2	20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75286		0.64	38.3	2.76	3.50	<0.05	0.05	0.09	0.020	0.06	10.7	21.4	3.80	467	0.64	0.01
ZZ75287		0.62	36.9	2.80	3.88	0.05	0.04	0.11	0.024	0.05	13.1	20.7	0.75	622	0.58	<0.01
ZZ75288		0.44	15.2	2.87	1.37	<0.05	0.04	0.09	0.007	0.04	6.7	6.8	8.61	1510	2.30	0.01
ZZ75289		0.68	52.4	3.18	4.40	0.05	0.06	0.11	0.027	0.07	14.6	25.2	1.39	595	0.67	<0.01
ZZ75290		0.78	57.4	4.77	5.72	0.07	0.10	0.09	0.037	0.09	17.2	34.7	0.85	725	0.66	<0.01
ZZ75291		0.65	44.4	4.85	4.55	0.07	0.11	0.10	0.027	0.08	15.0	27.3	3.98	1560	0.75	0.01
ZZ75292		0.62	55.6	4.27	5.48	0.06	0.10	0.08	0.032	0.07	15.0	35.6	0.99	288	0.39	<0.01
ZZ75293		1.06	17.6	2.56	5.34	<0.05	0.03	0.03	0.019	0.05	9.4	20.6	0.34	296	1.02	<0.01
ZZ75294		0.94	71.4	4.68	6.08	0.07	0.09	0.12	0.033	0.10	17.2	34.0	1.19	888	0.52	<0.01
ZZ75295		0.86	63.7	3.70	4.09	0.05	0.09	0.11	0.020	0.09	10.2	26.9	2.75	692	0.58	<0.01

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Finalized Date: 13-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75286		0.40	20.5	750	64.7	6.9	<0.001	0.04	0.37	4.7	0.8	0.3	45.0	<0.01	0.04	2.1
ZZ75287		0.63	22.5	790	22.9	7.1	<0.001	0.06	0.48	3.5	1.3	0.4	36.2	<0.01	0.04	1.1
ZZ75288		0.06	12.6	810	98.9	2.9	<0.001	0.03	0.27	2.6	0.6	0.2	91.2	<0.01	0.04	1.8
ZZ75289		0.63	28.3	700	216	7.6	<0.001	0.03	0.54	5.8	1.1	0.4	41.1	<0.01	0.04	3.0
ZZ75290		0.14	37.8	280	62.8	11.1	<0.001	0.02	0.38	9.0	1.1	0.4	13.6	<0.01	0.07	5.4
ZZ75291		0.15	28.7	920	155.5	8.7	<0.001	0.03	0.36	9.6	1.1	0.4	31.8	<0.01	0.06	4.1
ZZ75292		0.19	34.9	670	22.0	6.9	<0.001	0.04	0.32	8.5	1.1	0.3	26.4	<0.01	0.07	5.1
ZZ75293		0.81	15.9	510	15.8	11.1	<0.001	0.04	0.41	2.7	0.4	0.6	44.5	<0.01	0.04	1.6
ZZ75294		0.12	40.0	310	27.2	9.4	<0.001	0.02	0.36	11.4	1.1	0.4	27.0	<0.01	0.06	5.4
ZZ75295		<0.05	28.5	580	39.6	5.5	<0.001	0.03	0.35	6.4	0.7	0.3	153.5	<0.01	0.05	3.7

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155648

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ75286		0.011	0.19	1.18	30	0.07	9.52	321	1.5
ZZ75287		0.015	0.11	2.08	32	0.14	10.80	268	1.2
ZZ75288		<0.005	0.59	2.47	12	0.07	8.61	489	1.3
ZZ75289		0.015	0.10	0.78	38	0.13	12.10	722	1.9
ZZ75290		<0.005	0.13	0.92	45	<0.05	16.90	232	3.8
ZZ75291		<0.005	0.24	1.96	34	<0.05	19.35	290	3.3
ZZ75292		<0.005	0.07	0.58	42	<0.05	11.90	159	4.6
ZZ75293		0.017	0.09	0.59	46	0.18	3.35	44	1.0
ZZ75294		<0.005	0.11	0.63	47	<0.05	17.25	126	3.6
ZZ75295		0.005	0.13	0.70	34	<0.05	8.65	271	4.6

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CERTIFICATE OF ANALYSIS WH13155648

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca> 10% on ICP- MS As. ICP- AES As results reported (2 ppm DL)

Applies to Method: ME- MS41

Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).

Applies to Method: ME- MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG- 22 SCR- 41 WEI- 21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au- ICP21 ME- MS41

ALS Canada Ltd.

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Finalized Date: 16-SEP-2013
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CERTIFICATE WH13155649

Project: Nadaleen

P.O. No.: SO13-14

This report is for 185 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ75296		0.17	0.005	1.31	0.79	13.8	<0.2	10	2110	0.67	0.23	0.62	1.53	13.35	8.3	24
ZZ75297		0.12	0.006	1.27	0.68	4.5	<0.2	10	1700	0.58	0.20	1.07	2.39	10.45	5.4	22
ZZ75298		0.16	0.005	0.95	0.57	45.9	<0.2	10	1700	0.91	0.15	1.29	4.80	9.29	10.7	20
ZZ75299		0.27	0.005	0.95	0.67	12.9	<0.2	<10	1650	0.66	0.22	0.68	1.30	10.45	8.3	20
ZZ75300		0.24	0.004	1.16	0.73	16.5	<0.2	10	1910	0.68	0.22	1.25	0.89	12.55	8.1	22
ZZ75301		0.18	0.006	1.04	0.81	20.5	<0.2	<10	1240	0.79	0.21	1.07	1.99	12.65	11.3	21
ZZ75302		0.37	0.003	0.14	1.84	9.8	<0.2	<10	280	0.92	0.28	0.70	0.36	31.5	16.2	29
ZZ75303		0.42	0.003	0.13	1.75	11.5	<0.2	<10	200	0.85	0.28	2.79	0.50	28.3	19.7	27
ZZ75304		0.37	0.003	0.09	1.93	10.4	<0.2	<10	230	0.95	0.28	3.04	0.37	29.2	20.5	29
ZZ75305		0.21	0.003	0.05	2.08	11.7	<0.2	<10	350	1.12	0.30	0.50	0.36	37.2	18.5	30
ZZ75306		0.38	0.001	0.04	1.51	10.1	<0.2	<10	320	0.89	0.32	0.46	0.19	16.10	10.8	25
ZZ75307		0.21	0.003	0.16	1.72	14.3	<0.2	<10	510	1.23	0.34	0.79	0.43	28.6	16.8	28
ZZ75308		0.37	0.003	0.17	1.65	11.2	<0.2	<10	420	0.95	0.30	0.82	0.47	27.0	15.4	27
ZZ75309		0.44	0.003	0.16	1.77	12.1	<0.2	<10	360	1.02	0.31	0.76	0.52	29.8	17.9	28
ZZ75310		0.26	0.003	0.09	1.70	11.2	<0.2	<10	400	0.90	0.28	0.79	0.28	23.6	14.4	25
ZZ75311		0.37	0.006	1.18	0.97	10.7	<0.2	<10	1200	0.84	0.22	0.72	2.01	16.80	10.7	25
ZZ75312		0.28	0.005	1.02	0.88	16.5	<0.2	<10	1810	0.73	0.21	0.57	1.48	14.85	7.8	23
ZZ75313		0.24	0.005	1.04	0.77	5.3	<0.2	<10	1800	0.69	0.18	0.78	1.70	12.20	4.8	21
ZZ75314		0.26	0.005	1.12	0.76	14.6	<0.2	<10	1950	0.71	0.20	0.65	1.85	12.65	3.6	22
ZZ75315		0.18	0.005	1.20	0.70	11.6	<0.2	<10	2240	0.66	0.19	0.60	1.96	11.20	6.3	22
ZZ75316		0.13	0.004	1.20	0.70	17.8	<0.2	<10	2040	0.61	0.18	1.10	1.29	9.99	22.8	20
ZZ75317		0.30	0.002	0.03	1.92	12.5	<0.2	<10	280	0.73	0.25	0.16	0.17	29.2	12.5	28
ZZ75318		0.40	0.003	0.13	1.63	7.6	<0.2	<10	270	0.77	0.24	0.45	0.40	32.6	15.1	27
ZZ75319		0.34	0.004	0.08	2.09	11.2	<0.2	<10	280	0.97	0.25	0.36	0.19	31.1	18.8	30
ZZ75320		0.15	0.003	0.08	1.13	6.5	<0.2	<10	270	0.57	0.19	2.28	0.56	16.85	9.7	17
ZZ75321		0.33	0.005	0.11	2.11	13.1	<0.2	<10	150	0.98	0.25	0.82	0.31	33.4	21.8	31
ZZ75322		0.19	0.005	0.07	2.08	10.4	<0.2	<10	380	0.93	0.27	0.52	0.76	31.3	14.2	29
ZZ75323		0.27	0.002	0.14	1.89	11.7	<0.2	<10	280	0.95	0.26	2.11	2.39	24.3	11.9	25
ZZ75324		0.22	0.002	0.12	1.76	18.7	<0.2	<10	150	1.20	0.18	5.70	10.45	21.6	10.2	23
ZZ75325		0.21	0.003	0.12	1.01	14.3	<0.2	<10	170	0.68	0.14	8.28	2.76	14.05	9.6	13
ZZ75326		0.32	0.003	0.14	1.18	12.6	<0.2	<10	180	0.70	0.17	5.70	0.95	21.2	10.5	18
ZZ75327		0.28	0.003	0.13	0.87	10.0	<0.2	<10	200	0.60	0.14	8.72	3.58	17.55	7.3	13
ZZ75328		0.28	0.003	0.10	1.56	14.2	<0.2	<10	140	0.80	0.26	0.33	0.19	25.6	14.1	23
ZZ75329		0.31	0.003	1.00	0.95	16.7	<0.2	<10	1680	0.71	0.23	0.36	2.46	16.10	9.5	25
ZZ75330		0.13	0.004	1.37	1.02	16.4	<0.2	<10	1540	0.66	0.22	0.49	1.82	14.40	17.4	26
ZZ75331		0.19	0.003	0.80	0.72	17.1	<0.2	<10	1600	0.59	0.18	0.75	3.06	11.15	12.5	23
ZZ75332		0.23	0.003	0.71	1.35	16.1	<0.2	<10	1390	0.92	0.26	0.64	2.68	21.7	12.5	28
ZZ75333		0.20	0.004	1.06	0.91	10.8	<0.2	<10	1940	0.80	0.21	0.55	2.78	15.25	8.4	26
ZZ75334		0.51	0.003	0.16	1.94	8.5	<0.2	<10	430	1.21	0.32	0.70	0.41	28.7	20.0	30
ZZ75335		0.24	0.002	0.04	1.61	13.2	<0.2	<10	310	0.68	0.30	0.19	0.20	20.1	10.2	24

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Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75296	0.73	61.2	1.46	2.29	0.06	0.06	0.20	0.028	0.09	7.3	8.9	0.19	127	5.25	<0.01
ZZ75297	0.60	56.5	0.72	2.00	0.05	0.06	0.20	0.024	0.07	5.6	6.0	0.13	195	1.49	<0.01
ZZ75298	0.60	119.5	5.21	1.61	0.12	0.10	0.17	0.017	0.06	5.4	4.4	0.10	567	7.71	<0.01
ZZ75299	0.72	50.5	2.12	2.08	0.05	0.04	0.88	0.024	0.08	5.5	8.3	0.18	669	3.93	<0.01
ZZ75300	0.67	51.3	2.58	2.14	0.06	0.06	0.18	0.031	0.08	6.8	8.9	0.21	366	4.35	<0.01
ZZ75301	0.71	53.2	4.92	2.35	0.06	0.06	0.17	0.025	0.07	6.7	9.4	0.23	723	9.12	<0.01
ZZ75302	0.83	68.8	4.02	5.74	0.06	0.08	0.12	0.030	0.11	14.5	37.9	0.93	352	0.52	<0.01
ZZ75303	1.03	72.0	4.34	5.58	0.06	0.09	0.12	0.028	0.11	13.1	34.3	1.65	818	0.64	<0.01
ZZ75304	1.02	75.7	4.50	6.14	0.06	0.09	0.12	0.029	0.13	13.8	36.6	1.40	789	0.60	<0.01
ZZ75305	0.86	61.3	4.51	6.13	0.06	0.06	0.10	0.028	0.09	15.7	35.6	0.95	757	0.70	<0.01
ZZ75306	1.56	16.8	3.15	4.98	<0.05	0.04	0.02	0.024	0.08	8.3	28.6	0.48	400	1.23	<0.01
ZZ75307	1.15	58.6	4.18	5.48	0.06	0.07	0.09	0.032	0.08	12.9	32.8	0.80	827	1.21	<0.01
ZZ75308	0.71	56.8	3.86	5.17	0.06	0.07	0.13	0.029	0.09	13.0	29.4	0.77	627	0.83	<0.01
ZZ75309	0.90	66.3	4.21	5.60	0.06	0.08	0.16	0.032	0.10	13.8	33.4	0.93	675	0.85	<0.01
ZZ75310	0.59	57.0	4.05	5.16	0.05	0.06	0.04	0.029	0.07	11.3	32.6	0.80	597	0.65	<0.01
ZZ75311	0.66	64.8	1.37	3.10	0.06	0.06	0.18	0.039	0.08	8.6	14.3	0.29	342	2.68	<0.01
ZZ75312	0.75	55.9	2.51	2.76	0.06	0.05	0.17	0.033	0.08	7.9	11.5	0.22	144	5.10	<0.01
ZZ75313	0.75	65.1	1.11	2.38	0.06	0.05	0.16	0.030	0.07	6.4	9.5	0.22	67	1.22	<0.01
ZZ75314	0.78	61.4	1.49	2.40	0.06	0.05	0.19	0.034	0.07	6.8	9.0	0.19	70	2.66	<0.01
ZZ75315	0.70	63.5	1.56	2.08	0.06	0.04	0.19	0.033	0.07	6.2	7.2	0.15	142	2.90	<0.01
ZZ75316	0.68	50.2	3.89	2.19	0.05	0.06	0.16	0.030	0.07	5.3	8.7	0.19	4090	5.19	<0.01
ZZ75317	1.26	18.7	3.35	6.20	<0.05	0.03	0.03	0.033	0.05	13.4	21.6	0.53	442	1.20	<0.01
ZZ75318	0.68	48.7	3.18	5.16	0.06	0.08	0.08	0.031	0.07	15.3	27.4	0.70	389	0.47	<0.01
ZZ75319	0.66	76.0	4.64	6.70	0.06	0.08	0.06	0.041	0.06	14.7	34.7	1.04	721	0.58	<0.01
ZZ75320	0.54	27.5	2.35	3.47	<0.05	0.05	0.05	0.024	0.05	7.0	17.5	0.57	210	0.33	<0.01
ZZ75321	0.81	89.8	4.99	6.55	0.07	0.09	0.15	0.039	0.07	15.9	33.7	1.41	887	0.68	<0.01
ZZ75322	1.33	16.3	3.39	6.95	0.05	0.04	0.03	0.036	0.04	15.2	18.0	0.51	1200	1.00	<0.01
ZZ75323	0.93	26.6	3.82	6.10	0.05	0.05	0.07	0.035	0.05	13.4	21.0	1.51	990	0.75	0.01
ZZ75324	0.86	20.2	5.64	4.63	0.06	0.06	0.10	0.028	0.04	14.4	17.9	3.70	1800	1.30	0.01
ZZ75325	0.53	28.0	3.61	3.01	<0.05	0.04	0.08	0.019	0.04	7.4	14.9	4.67	1440	1.24	0.01
ZZ75326	0.61	37.6	3.35	3.51	0.05	0.05	0.10	0.022	0.06	10.8	17.2	3.64	1060	0.81	0.01
ZZ75327	0.46	27.8	2.91	2.64	<0.05	0.05	0.09	0.017	0.04	9.7	13.1	4.87	1240	0.77	0.01
ZZ75328	0.82	52.1	3.83	4.47	0.05	0.08	0.14	0.026	0.06	12.4	39.7	0.71	406	0.67	<0.01
ZZ75329	0.77	43.7	2.78	3.11	0.06	0.04	0.17	0.034	0.09	8.5	12.6	0.26	308	6.80	<0.01
ZZ75330	0.87	35.4	3.13	3.37	0.05	0.03	0.20	0.033	0.09	7.9	11.9	0.24	639	5.12	<0.01
ZZ75331	0.56	38.1	2.82	2.34	0.05	0.05	0.11	0.028	0.08	6.0	8.4	0.19	950	8.52	<0.01
ZZ75332	1.00	55.3	3.25	4.36	0.06	0.08	0.14	0.033	0.12	10.5	22.8	0.51	244	5.47	<0.01
ZZ75333	0.72	55.8	1.76	2.82	0.05	0.05	0.25	0.032	0.09	8.3	12.2	0.24	197	2.53	<0.01
ZZ75334	1.06	70.9	3.87	6.48	0.06	0.08	0.10	0.040	0.09	12.8	42.6	0.98	329	0.63	0.01
ZZ75335	1.32	11.7	3.41	6.27	<0.05	0.02	0.02	0.030	0.06	9.9	24.6	0.32	404	1.40	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ75296		0.30	70.7	940	14.9	8.4	0.014	0.17	2.21	5.3	9.0	0.4	88.0	<0.01	0.10	3.0
ZZ75297		0.21	61.0	930	14.3	8.0	0.021	0.18	1.48	3.7	7.9	0.4	83.0	<0.01	0.05	1.4
ZZ75298		0.18	124.5	1750	8.8	6.0	0.040	0.30	4.76	4.6	34.5	0.3	115.5	<0.01	0.11	1.3
ZZ75299		0.23	51.0	970	14.2	7.5	0.014	0.10	1.59	4.4	6.6	0.4	78.6	<0.01	0.07	2.4
ZZ75300		0.22	45.1	1120	14.0	7.9	0.008	0.10	1.56	5.0	5.8	0.4	96.4	<0.01	0.08	1.9
ZZ75301		0.23	51.3	1130	14.3	7.7	0.012	0.11	2.04	4.9	9.5	0.4	69.0	<0.01	0.09	2.0
ZZ75302		0.26	35.8	570	21.4	7.8	<0.001	0.03	0.42	8.7	1.0	0.4	33.0	<0.01	0.06	3.8
ZZ75303		0.16	36.9	630	24.8	7.1	<0.001	0.03	0.44	7.8	0.8	0.3	73.5	<0.01	0.07	4.8
ZZ75304		0.13	38.9	560	20.6	7.8	<0.001	0.02	0.40	9.1	0.8	0.4	95.8	<0.01	0.07	4.9
ZZ75305		0.30	35.8	340	23.5	9.8	<0.001	0.02	0.44	8.4	0.8	0.4	17.8	<0.01	0.07	4.5
ZZ75306		0.61	23.8	270	16.4	13.7	<0.001	0.02	0.57	4.2	0.6	0.6	21.5	<0.01	0.05	3.4
ZZ75307		0.28	34.7	590	30.2	9.6	<0.001	0.03	0.58	8.0	1.2	0.5	29.3	<0.01	0.06	4.9
ZZ75308		0.43	33.5	650	22.9	8.0	<0.001	0.03	0.52	7.7	1.0	0.5	32.3	<0.01	0.06	4.0
ZZ75309		0.35	38.0	600	24.2	8.7	<0.001	0.03	0.56	8.8	0.9	0.5	28.3	<0.01	0.07	4.6
ZZ75310		0.20	28.7	310	22.8	6.5	<0.001	0.03	0.41	7.8	0.7	0.4	31.2	<0.01	0.06	2.9
ZZ75311		0.36	58.4	860	16.5	7.7	0.012	0.10	1.77	6.3	7.0	0.4	57.2	<0.01	0.10	3.8
ZZ75312		0.34	48.7	1120	15.0	8.1	0.010	0.07	1.86	5.0	5.9	0.4	71.2	<0.01	0.09	2.9
ZZ75313		0.22	39.3	1030	13.2	7.0	0.012	0.09	1.26	4.4	8.8	0.4	78.7	<0.01	0.07	2.4
ZZ75314		0.25	42.4	1010	14.8	7.8	0.014	0.12	2.06	4.9	11.1	0.4	77.4	<0.01	0.11	2.5
ZZ75315		0.22	53.8	1040	13.1	7.2	0.011	0.12	1.93	4.6	8.7	0.4	85.3	<0.01	0.10	2.1
ZZ75316		0.20	73.3	1200	12.7	9.4	0.016	0.14	1.54	4.2	8.0	0.4	98.4	<0.01	0.11	1.5
ZZ75317		0.96	22.5	220	36.8	10.9	<0.001	<0.01	0.55	3.6	0.5	0.6	13.3	<0.01	0.04	4.0
ZZ75318		0.63	30.7	680	22.6	7.6	0.001	0.02	0.48	6.9	1.0	0.4	25.4	<0.01	0.07	4.7
ZZ75319		0.19	35.2	310	20.8	7.1	<0.001	0.01	0.38	10.1	0.9	0.4	20.7	<0.01	0.08	4.0
ZZ75320		0.40	16.7	550	29.2	6.2	<0.001	0.13	0.35	3.0	0.9	0.3	77.4	<0.01	0.05	1.1
ZZ75321		0.13	38.2	500	26.9	6.1	<0.001	0.02	0.41	10.6	1.0	0.3	29.3	<0.01	0.10	4.4
ZZ75322		0.95	19.7	450	54.1	9.2	<0.001	0.02	0.43	4.6	0.6	0.7	20.5	<0.01	0.04	2.8
ZZ75323		0.51	22.0	680	147.5	9.8	0.001	0.03	0.36	5.3	0.8	0.5	25.9	<0.01	0.06	2.0
ZZ75324		0.30	20.0	1080	682	7.9	<0.001	0.05	0.39	5.3	1.0	0.4	33.7	<0.01	0.06	1.7
ZZ75325		0.16	16.7	910	175.5	4.5	<0.001	0.05	0.38	2.7	0.7	0.2	52.0	<0.01	0.06	0.8
ZZ75326		0.35	19.8	1000	127.0	6.2	<0.001	0.04	0.42	3.8	1.0	0.3	40.1	<0.01	0.05	1.5
ZZ75327		0.31	14.6	960	116.0	4.7	<0.001	0.05	0.36	3.0	1.0	0.3	56.3	<0.01	0.04	1.4
ZZ75328		0.22	32.4	390	16.5	4.9	<0.001	0.01	0.69	5.1	0.8	0.3	19.8	<0.01	0.05	4.5
ZZ75329		0.24	42.9	1170	15.7	8.5	0.003	0.04	2.27	4.5	5.1	0.4	55.2	<0.01	0.10	2.9
ZZ75330		0.23	34.5	1140	14.7	10.4	0.009	0.06	1.83	4.9	5.0	0.5	51.6	<0.01	0.09	2.2
ZZ75331		0.17	65.4	1120	12.2	7.2	0.010	0.08	2.28	3.8	5.0	0.4	72.7	<0.01	0.10	2.0
ZZ75332		0.34	68.9	1010	18.5	9.6	0.008	0.07	2.33	6.3	4.6	0.5	52.6	<0.01	0.09	4.5
ZZ75333		0.20	63.5	1070	15.1	8.3	0.007	0.09	2.48	5.6	5.0	0.4	71.5	<0.01	0.10	3.2
ZZ75334		0.31	36.2	500	27.2	8.9	0.001	0.02	0.40	8.6	1.1	0.5	28.5	<0.01	0.06	4.9
ZZ75335		0.98	16.6	260	22.1	13.6	<0.001	0.01	0.52	2.6	0.4	0.7	11.1	<0.01	0.05	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ75296		0.005	0.28	3.95	70	0.08	18.95	275	2.7
ZZ75297		<0.005	0.23	4.03	57	0.06	16.30	237	2.1
ZZ75298		<0.005	0.20	13.65	71	0.18	27.2	329	4.6
ZZ75299		<0.005	0.18	3.55	58	0.08	16.40	199	1.7
ZZ75300		<0.005	0.20	4.47	66	0.07	20.2	206	2.1
ZZ75301		<0.005	0.19	5.06	66	0.07	18.75	240	2.2
ZZ75302		0.006	0.09	0.56	45	<0.05	12.15	153	2.9
ZZ75303		0.006	0.13	0.60	43	<0.05	10.15	201	4.2
ZZ75304		0.005	0.11	0.62	47	<0.05	11.20	135	3.9
ZZ75305		0.006	0.12	0.88	49	0.06	11.25	156	2.3
ZZ75306		0.008	0.13	0.80	43	0.16	6.05	87	1.2
ZZ75307		<0.005	0.16	1.09	42	0.05	14.50	185	2.2
ZZ75308		0.010	0.11	0.84	42	0.08	11.90	187	2.1
ZZ75309		0.009	0.11	0.60	44	0.06	12.70	177	2.6
ZZ75310		<0.005	0.09	0.55	39	<0.05	10.15	141	1.9
ZZ75311		0.006	0.19	3.16	67	0.09	20.7	259	3.2
ZZ75312		0.005	0.23	3.42	73	0.11	18.35	230	2.0
ZZ75313		<0.005	0.21	5.24	55	0.07	18.95	157	2.1
ZZ75314		<0.005	0.23	4.80	69	0.08	19.80	172	2.1
ZZ75315		<0.005	0.23	4.29	64	0.07	20.4	251	1.8
ZZ75316		<0.005	0.20	3.82	58	0.10	17.40	379	2.0
ZZ75317		0.023	0.16	0.72	55	0.20	3.89	163	1.3
ZZ75318		0.015	0.08	0.76	44	0.13	11.25	133	2.9
ZZ75319		0.005	0.07	0.49	54	<0.05	11.60	90	2.6
ZZ75320		0.008	0.06	1.00	29	0.06	5.86	123	1.6
ZZ75321		0.005	0.09	1.40	54	<0.05	14.70	121	3.6
ZZ75322		0.021	0.17	1.25	61	0.21	7.60	217	1.1
ZZ75323		0.012	0.17	1.43	48	0.09	10.55	1120	1.5
ZZ75324		0.006	0.29	2.41	38	0.08	15.05	3340	1.8
ZZ75325		0.006	0.22	1.85	23	<0.05	8.32	1060	1.3
ZZ75326		0.010	0.24	1.44	30	0.08	10.70	796	1.6
ZZ75327		0.009	0.29	2.08	22	0.05	10.10	1480	1.4
ZZ75328		0.007	0.06	0.94	29	<0.05	9.68	87	3.3
ZZ75329		0.005	0.23	3.04	97	0.07	15.35	249	1.6
ZZ75330		<0.005	0.28	2.81	99	0.07	14.45	199	1.3
ZZ75331		<0.005	0.16	3.03	99	0.06	14.20	284	2.1
ZZ75332		0.006	0.20	4.34	92	0.06	16.30	340	4.1
ZZ75333		<0.005	0.22	3.14	98	0.06	20.4	323	2.9
ZZ75334		0.007	0.10	0.67	41	0.05	13.00	158	2.8
ZZ75335		0.018	0.14	0.51	48	0.17	2.85	75	1.1

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ75336		0.34	0.002	0.14	1.81	12.7	<0.2	<10	820	0.75	0.27	0.18	0.38	30.4	12.7	27
ZZ75337		0.47	0.002	0.12	1.93	13.6	<0.2	<10	1480	1.28	0.32	0.16	0.44	31.1	16.9	31
ZZ75338		0.22	0.003	0.20	1.60	22.9	<0.2	<10	340	0.87	0.27	1.64	0.41	20.8	15.6	26
ZZ75339		0.31	0.003	0.15	1.79	9.1	<0.2	<10	380	0.84	0.22	1.22	0.34	24.5	15.5	28
ZZ75340		0.46	0.003	0.14	1.91	11.2	<0.2	<10	330	1.14	0.28	0.72	0.19	22.4	14.8	30
ZZ75341		0.48	0.003	0.11	1.81	12.1	<0.2	<10	440	1.08	0.26	0.71	0.21	23.7	15.9	28
ZZ75342		0.49	0.003	0.13	1.67	18.4	<0.2	<10	340	1.43	0.34	0.36	0.18	16.65	13.4	28
ZZ75343		0.23	0.003	0.57	1.10	15.1	<0.2	<10	1140	0.80	0.21	1.25	1.29	16.35	12.7	25
ZZ75344		0.21	0.003	0.64	0.73	13.5	<0.2	<10	1410	0.57	0.18	1.07	2.74	12.45	7.3	21
ZZ75345		0.15	0.002	0.39	1.07	8.2	<0.2	<10	450	0.94	0.18	1.69	4.29	18.65	10.7	20
ZZ75346		0.29	0.003	0.23	1.65	8.7	<0.2	<10	300	0.96	0.24	1.56	0.29	15.70	10.5	27
ZZ75347		0.19	0.002	0.35	1.29	11.0	<0.2	<10	410	1.13	0.25	1.40	1.68	17.70	12.9	23
ZZ75348		0.23	0.002	0.06	1.78	11.5	<0.2	<10	280	1.00	0.29	0.87	0.27	20.6	14.8	28
ZZ75349		0.31	0.004	0.42	1.68	13.4	<0.2	<10	810	1.18	0.27	1.42	0.31	18.25	13.1	25
ZZ75350		0.35	0.002	0.04	1.73	22.8	<0.2	<10	240	1.11	0.36	0.07	0.22	18.70	15.3	28
ZZ75351		0.31	0.003	0.20	1.85	25.9	<0.2	<10	450	1.61	0.33	0.62	0.29	21.0	12.9	27
ZZ75352		0.29	0.001	0.07	2.17	24.5	<0.2	<10	240	1.28	0.42	0.07	0.20	13.75	17.1	33
ZZ75353		0.40	0.002	0.09	1.85	15.9	<0.2	<10	440	1.29	0.37	0.31	0.39	18.90	16.9	32
ZZ75354		0.29	0.007	1.13	0.65	11.9	<0.2	<10	1620	0.67	0.17	0.81	4.06	12.30	5.3	24
ZZ75355		0.18	0.005	1.00	0.95	16.5	<0.2	<10	1620	0.98	0.22	0.96	2.41	14.85	11.4	23
ZZ75356		0.22	0.001	0.05	2.06	13.6	<0.2	<10	110	0.79	0.33	0.02	0.13	15.70	12.9	30
ZZ75357		0.37	0.002	0.06	1.54	8.6	<0.2	<10	320	0.51	0.24	0.11	0.13	26.0	6.9	23
ZZ75358		0.24	0.002	0.03	2.09	9.5	<0.2	<10	150	1.22	0.35	0.06	0.23	24.1	19.2	32
ZZ75359		0.26	0.004	0.69	1.01	6.3	<0.2	<10	590	0.75	0.21	0.93	1.62	18.10	7.4	25
ZZ75360		0.40	0.003	0.71	1.03	13.8	<0.2	<10	1130	0.77	0.20	0.32	1.26	18.90	10.5	26
ZZ75361		0.30	0.004	0.74	1.37	21.0	<0.2	<10	850	1.01	0.28	0.27	0.71	22.4	12.0	31
ZZ75362		0.22	0.003	0.17	1.39	15.9	<0.2	<10	240	1.06	0.25	1.79	1.25	23.3	13.8	21
ZZ75363		0.15	0.003	0.17	0.55	3.1	<0.2	10	470	0.45	0.11	3.95	2.33	8.37	6.0	9
ZZ75364		0.29	0.001	0.03	1.99	15.2	<0.2	<10	180	1.34	0.24	1.03	1.11	31.6	13.1	27
ZZ75365		0.43	0.003	0.22	1.27	14.0	<0.2	<10	290	0.74	0.22	2.98	1.03	25.8	12.6	21
ZZ75366		0.18	0.003	0.20	0.69	4.3	<0.2	<10	380	0.44	0.12	4.89	1.96	12.80	6.4	9
ZZ75367		0.12	0.002	0.49	0.67	4.9	<0.2	<10	1360	0.36	0.10	3.61	0.36	8.35	3.8	9
ZZ75368		0.21	0.005	0.58	0.92	14.5	<0.2	<10	1290	0.53	0.17	1.64	0.48	10.75	5.3	22
ZZ75369		0.09	0.002	0.22	0.42	3.7	<0.2	<10	970	0.22	0.07	4.45	0.96	5.10	3.1	8
ZZ75370		0.17	0.003	0.38	0.65	30.7	<0.2	<10	620	0.49	0.15	2.73	1.28	13.45	6.4	20
ZZ75371		0.20	0.003	0.48	0.82	18.1	<0.2	<10	820	0.58	0.13	3.73	0.95	10.60	4.6	18
ZZ75372		0.20	0.005	0.47	1.06	15.5	<0.2	<10	1040	0.65	0.18	2.68	0.93	15.55	7.8	22
ZZ75373		0.16	0.003	0.59	0.98	19.5	<0.2	<10	1180	0.76	0.17	1.94	0.50	16.95	8.0	23
ZZ75374		0.18	0.005	0.58	0.96	11.7	<0.2	<10	760	0.65	0.16	1.91	0.80	14.20	7.4	23
ZZ75375		0.13	0.003	0.40	1.02	9.4	<0.2	<10	650	0.48	0.16	2.08	0.78	12.80	7.2	23

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75336	1.08	23.1	3.48	6.16	<0.05	0.03	0.03	0.033	0.06	13.3	24.0	0.48	467	1.58	<0.01
ZZ75337	0.87	48.6	4.10	5.36	0.05	0.04	0.05	0.037	0.06	13.1	25.0	0.60	818	2.10	<0.01
ZZ75338	1.15	65.0	4.03	5.14	0.06	0.06	0.12	0.032	0.09	9.4	28.4	1.05	606	1.18	<0.01
ZZ75339	0.76	67.7	3.77	5.60	0.05	0.06	0.10	0.034	0.08	12.4	27.7	0.86	956	0.67	<0.01
ZZ75340	1.01	67.7	4.09	5.78	0.06	0.08	0.11	0.035	0.09	12.8	29.4	0.83	507	0.74	0.01
ZZ75341	0.97	69.0	3.99	5.74	0.06	0.06	0.06	0.033	0.08	12.3	28.8	0.80	578	0.86	<0.01
ZZ75342	2.27	40.6	3.74	5.87	0.05	0.04	0.03	0.041	0.08	9.7	35.8	0.48	584	1.96	0.01
ZZ75343	0.57	39.0	2.72	3.47	<0.05	0.05	0.11	0.029	0.09	8.7	15.8	0.42	816	13.50	<0.01
ZZ75344	0.57	34.1	2.04	2.42	0.05	0.05	0.10	0.026	0.08	6.7	10.3	0.27	163	6.23	<0.01
ZZ75345	0.67	49.3	2.35	3.25	0.05	0.07	0.11	0.027	0.11	9.8	15.7	0.41	1060	6.06	<0.01
ZZ75346	2.34	41.7	3.33	5.00	<0.05	0.08	0.11	0.032	0.12	8.2	26.5	0.68	347	0.82	0.01
ZZ75347	0.97	57.3	2.71	4.21	0.06	0.08	0.12	0.029	0.10	9.2	21.3	0.44	613	5.20	<0.01
ZZ75348	0.83	41.3	3.63	5.78	0.05	0.07	0.04	0.030	0.08	10.1	34.7	0.64	567	0.91	0.01
ZZ75349	1.01	55.8	2.70	5.27	0.05	0.05	0.23	0.029	0.06	9.6	17.9	0.47	1050	1.01	0.01
ZZ75350	1.78	26.3	3.98	6.75	<0.05	0.05	0.04	0.035	0.07	8.2	27.1	0.34	906	1.38	<0.01
ZZ75351	1.73	45.7	3.62	6.60	0.06	0.06	0.10	0.036	0.07	13.8	27.1	0.40	531	1.19	0.01
ZZ75352	2.24	30.4	4.26	7.10	<0.05	0.04	0.03	0.038	0.07	5.3	40.8	0.49	841	1.71	<0.01
ZZ75353	1.66	42.3	4.09	6.60	0.05	0.06	0.05	0.039	0.10	8.8	41.0	0.67	587	2.06	<0.01
ZZ75354	0.63	63.3	1.65	2.08	0.06	0.04	0.19	0.027	0.08	7.1	8.5	0.20	82	4.63	0.01
ZZ75355	0.90	67.5	2.75	2.94	0.07	0.06	0.20	0.031	0.08	7.7	13.9	0.29	345	3.32	<0.01
ZZ75356	0.98	26.1	4.41	7.38	<0.05	0.08	0.03	0.037	0.06	7.4	51.9	0.49	311	0.85	<0.01
ZZ75357	1.18	10.6	2.45	5.79	<0.05	0.02	0.02	0.020	0.04	12.7	20.7	0.31	202	1.28	<0.01
ZZ75358	1.12	36.3	4.07	6.85	0.05	0.06	0.03	0.037	0.09	9.6	45.7	0.59	834	0.83	<0.01
ZZ75359	0.58	39.9	1.30	3.29	0.05	0.06	0.17	0.029	0.08	8.9	20.0	0.37	180	1.50	<0.01
ZZ75360	0.81	45.8	2.68	3.37	0.06	0.03	0.15	0.030	0.08	9.7	14.5	0.27	299	5.88	<0.01
ZZ75361	1.11	67.0	3.37	4.43	0.06	0.06	0.25	0.036	0.09	11.9	17.9	0.34	472	7.45	<0.01
ZZ75362	1.56	42.2	3.72	4.25	0.06	0.06	0.12	0.029	0.08	11.9	20.4	1.14	1100	1.05	<0.01
ZZ75363	0.60	34.9	1.18	1.55	<0.05	0.04	0.12	0.010	0.05	4.4	5.9	0.61	1650	0.48	<0.01
ZZ75364	1.04	17.4	4.17	5.95	0.07	0.07	0.06	0.032	0.04	19.6	20.5	0.90	1440	0.84	<0.01
ZZ75365	0.80	49.8	2.87	4.16	0.05	0.05	0.16	0.024	0.06	13.1	20.3	1.77	642	0.69	0.01
ZZ75366	0.48	25.1	1.38	1.94	<0.05	0.03	0.13	0.013	0.02	6.4	5.0	1.06	1120	0.44	<0.01
ZZ75367	0.53	15.9	0.83	2.11	<0.05	0.05	0.10	0.010	0.02	6.7	2.4	0.06	417	0.74	<0.01
ZZ75368	0.72	26.4	1.90	2.75	<0.05	0.05	0.11	0.023	0.05	6.4	7.8	0.14	182	1.97	<0.01
ZZ75369	0.43	15.1	0.62	1.18	<0.05	0.03	0.11	0.007	0.03	3.2	2.8	0.07	227	0.55	<0.01
ZZ75370	0.57	18.5	1.65	1.97	<0.05	0.04	0.13	0.024	0.05	9.2	5.5	0.12	249	1.64	<0.01
ZZ75371	0.69	30.4	1.42	2.24	0.05	0.04	0.14	0.020	0.04	10.9	5.4	0.11	221	1.13	<0.01
ZZ75372	0.79	31.9	1.94	3.09	0.05	0.04	0.16	0.023	0.05	11.2	9.8	0.22	399	1.06	<0.01
ZZ75373	0.58	33.2	2.07	2.81	0.05	0.05	0.14	0.026	0.05	11.9	8.8	0.19	657	1.27	<0.01
ZZ75374	0.67	28.9	1.96	2.62	<0.05	0.04	0.20	0.024	0.05	9.1	13.0	0.19	274	1.40	<0.01
ZZ75375	0.57	21.1	1.85	3.01	<0.05	0.03	0.32	0.023	0.05	7.6	16.4	0.23	346	1.20	<0.01

***** See Appendix Page for comments regarding this certificate *****

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75336		0.88	25.7	350	20.7	10.4	<0.001	0.01	0.64	3.6	0.8	0.6	16.1	<0.01	0.05	4.1
ZZ75337		0.36	37.5	230	23.2	9.0	<0.001	0.01	1.08	7.0	1.2	0.6	16.0	<0.01	0.06	5.5
ZZ75338		0.26	33.9	770	23.4	6.7	<0.001	0.05	0.68	6.6	1.2	0.4	60.0	<0.01	0.07	2.8
ZZ75339		0.37	32.3	780	13.1	7.6	<0.001	0.04	0.50	6.4	1.3	0.4	58.3	<0.01	0.07	1.8
ZZ75340		0.43	32.6	530	17.1	8.6	0.001	0.02	0.49	7.7	1.0	0.5	38.0	<0.01	0.06	3.9
ZZ75341		0.39	33.3	600	17.4	8.0	<0.001	0.02	0.56	6.8	0.9	0.4	42.5	<0.01	0.06	3.4
ZZ75342		0.47	32.8	320	25.8	12.4	0.001	0.01	0.46	6.4	0.8	0.7	24.6	<0.01	0.04	4.3
ZZ75343		0.22	140.5	1050	14.7	8.7	0.002	0.08	1.78	3.7	2.4	0.4	59.1	<0.01	0.06	1.5
ZZ75344		0.17	45.3	1210	15.1	7.1	0.006	0.09	2.01	3.7	3.7	0.3	79.2	<0.01	0.09	2.3
ZZ75345		0.29	76.4	920	12.6	9.2	0.011	0.10	3.09	3.3	3.3	0.4	52.3	<0.01	0.05	1.5
ZZ75346		0.47	24.2	800	14.3	13.0	0.001	0.09	0.54	6.4	1.1	0.5	58.2	<0.01	0.04	1.7
ZZ75347		0.35	46.5	660	16.8	10.1	0.003	0.07	2.43	4.5	2.6	0.5	47.1	<0.01	0.05	1.8
ZZ75348		0.51	29.0	280	20.4	9.5	<0.001	0.03	0.48	5.1	0.8	0.6	35.7	<0.01	0.05	3.1
ZZ75349		0.58	28.3	950	16.4	8.8	<0.001	0.06	0.64	4.1	1.8	0.6	63.3	<0.01	0.03	1.3
ZZ75350		0.59	24.8	270	24.5	16.5	<0.001	0.01	0.53	4.1	0.5	0.8	9.6	<0.01	0.05	4.7
ZZ75351		0.55	25.2	400	23.2	16.6	<0.001	0.03	0.51	6.8	1.5	0.7	30.2	<0.01	0.05	3.5
ZZ75352		0.28	32.9	230	27.9	18.1	<0.001	0.01	0.57	4.8	0.8	0.8	9.7	<0.01	0.04	4.6
ZZ75353		0.32	42.8	350	23.2	11.2	<0.001	0.02	0.62	6.1	1.2	0.7	20.9	<0.01	0.05	4.7
ZZ75354		0.12	57.7	1190	13.3	7.2	0.009	0.08	2.37	4.3	4.5	0.4	91.3	<0.01	0.09	2.0
ZZ75355		0.29	62.9	980	16.5	9.0	0.010	0.13	2.00	5.7	9.5	0.4	82.9	<0.01	0.08	2.8
ZZ75356		0.47	26.8	280	21.5	14.1	<0.001	0.01	0.37	3.4	0.4	0.7	5.3	<0.01	0.05	4.1
ZZ75357		0.96	14.5	190	13.4	12.6	<0.001	0.01	0.52	2.5	0.5	0.7	10.5	<0.01	0.03	3.6
ZZ75358		0.43	37.3	280	32.2	14.1	<0.001	0.01	0.45	4.5	0.7	0.7	8.7	<0.01	0.05	5.4
ZZ75359		0.27	31.3	820	16.0	8.1	0.003	0.15	1.68	4.6	3.0	0.4	84.7	<0.01	0.07	3.3
ZZ75360		0.31	42.5	1010	14.1	9.4	0.003	0.03	1.84	4.7	4.0	0.5	46.9	<0.01	0.09	3.3
ZZ75361		0.33	67.8	940	15.4	11.6	0.001	0.03	2.44	6.6	3.8	0.6	41.3	<0.01	0.10	3.2
ZZ75362		0.39	28.7	600	137.0	10.1	<0.001	0.04	0.65	6.6	1.2	0.4	33.0	<0.01	0.07	2.4
ZZ75363		0.30	12.7	990	72.1	6.3	<0.001	0.17	0.64	1.0	1.5	0.2	78.3	<0.01	0.03	0.3
ZZ75364		0.48	21.4	290	91.4	7.6	<0.001	0.02	0.45	6.2	0.8	0.6	12.8	<0.01	0.06	3.8
ZZ75365		0.58	28.4	830	35.5	6.8	<0.001	0.04	0.59	4.7	0.9	0.4	34.9	<0.01	0.06	2.1
ZZ75366		0.38	8.9	1300	14.5	2.9	<0.001	0.15	0.38	1.1	1.3	0.2	62.9	<0.01	0.03	0.3
ZZ75367		0.35	10.9	950	5.8	2.8	<0.001	0.13	0.43	1.3	1.5	0.3	68.2	<0.01	0.02	0.4
ZZ75368		0.33	30.3	950	10.0	7.0	<0.001	0.10	0.87	2.5	2.2	0.4	41.8	<0.01	0.07	0.6
ZZ75369		0.18	9.6	740	4.2	3.1	<0.001	0.15	0.43	0.6	1.1	<0.2	66.7	<0.01	0.02	0.2
ZZ75370		0.19	31.1	760	11.4	5.6	<0.001	0.08	0.90	2.3	1.9	0.3	38.9	<0.01	0.08	0.7
ZZ75371		0.26	26.0	870	9.2	5.0	<0.001	0.11	0.79	1.4	2.4	0.3	40.6	<0.01	0.06	0.3
ZZ75372		0.50	30.4	820	11.6	7.1	<0.001	0.09	0.84	2.2	2.2	0.4	40.9	<0.01	0.05	0.6
ZZ75373		0.29	33.1	870	12.9	6.1	<0.001	0.06	0.93	2.9	2.4	0.4	39.4	<0.01	0.07	0.8
ZZ75374		0.36	30.4	670	10.7	6.2	0.001	0.07	0.68	2.4	2.0	0.4	32.6	<0.01	0.05	0.6
ZZ75375		0.48	24.2	730	9.9	7.4	0.003	0.08	0.57	1.9	2.2	0.4	34.2	<0.01	0.04	0.6

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ75336		0.019	0.13	0.78	56	0.20	5.41	77	1.1
ZZ75337		0.007	0.14	1.25	59	0.14	9.47	122	1.9
ZZ75338		0.007	0.13	0.77	46	0.05	10.45	146	2.3
ZZ75339		0.011	0.08	1.71	46	0.07	12.50	91	1.7
ZZ75340		0.010	0.09	0.85	45	0.09	13.60	95	2.4
ZZ75341		0.010	0.09	0.57	46	0.09	11.70	97	1.9
ZZ75342		0.008	0.13	1.79	37	0.09	13.80	128	1.5
ZZ75343		<0.005	0.16	5.66	111	0.08	14.95	697	1.8
ZZ75344		<0.005	0.20	4.34	89	0.07	13.50	283	2.3
ZZ75345		0.005	0.22	3.41	111	0.06	14.25	490	2.5
ZZ75346		0.009	0.11	1.44	37	0.08	10.00	180	2.4
ZZ75347		0.005	0.18	4.04	88	0.08	13.95	247	2.4
ZZ75348		0.008	0.11	1.26	41	0.08	9.50	108	2.1
ZZ75349		0.012	0.09	2.18	37	0.15	13.20	94	1.4
ZZ75350		0.009	0.15	0.60	50	0.12	5.31	95	2.0
ZZ75351		0.007	0.14	1.81	44	0.13	22.9	91	1.7
ZZ75352		<0.005	0.17	0.57	47	0.06	5.20	95	1.8
ZZ75353		0.007	0.12	1.16	46	0.06	8.22	162	1.9
ZZ75354		<0.005	0.29	3.23	89	0.07	20.0	302	1.8
ZZ75355		<0.005	0.21	4.49	72	0.08	20.5	294	2.7
ZZ75356		0.005	0.11	0.34	44	0.07	2.76	74	2.8
ZZ75357		0.021	0.14	0.51	54	0.24	3.33	69	1.1
ZZ75358		0.008	0.12	0.53	40	0.09	5.45	120	2.5
ZZ75359		0.005	0.20	2.66	104	0.06	14.45	226	2.6
ZZ75360		0.007	0.20	2.63	87	0.09	14.55	255	1.2
ZZ75361		0.008	0.25	6.06	105	0.13	19.90	351	1.9
ZZ75362		0.010	0.19	1.17	35	0.10	14.20	558	1.8
ZZ75363		0.008	0.10	3.48	16	0.05	5.40	367	1.3
ZZ75364		0.007	0.18	0.89	51	0.12	12.60	283	2.3
ZZ75365		0.018	0.12	0.99	35	0.23	11.85	384	1.5
ZZ75366		0.012	0.06	1.80	15	0.06	6.81	573	1.1
ZZ75367		0.010	0.09	1.23	26	0.05	10.25	23	2.0
ZZ75368		0.007	0.17	1.42	48	0.08	10.60	104	1.4
ZZ75369		0.005	0.06	1.10	14	<0.05	6.80	79	1.1
ZZ75370		<0.005	0.14	1.21	35	0.06	19.00	137	1.5
ZZ75371		0.005	0.10	1.32	32	0.10	24.1	89	1.5
ZZ75372		0.008	0.12	1.88	38	0.11	20.1	109	1.4
ZZ75373		0.005	0.11	1.34	45	0.07	24.0	91	1.5
ZZ75374		0.007	0.08	1.74	32	0.13	14.45	95	1.5
ZZ75375		0.010	0.08	2.35	33	0.09	9.85	105	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ75376		0.19	0.004	0.35	1.11	13.3	<0.2	<10	800	0.61	0.18	2.28	0.69	15.05	8.9	22
ZZ75377		0.23	0.003	0.83	1.16	19.7	<0.2	<10	750	0.77	0.19	2.06	0.80	12.70	6.9	26
ZZ75378		0.28	0.003	1.01	0.95	11.6	<0.2	10	600	0.54	0.17	2.74	0.66	7.26	7.5	23
ZZ75379		0.20	0.005	0.50	0.95	11.5	<0.2	10	470	0.57	0.17	2.65	0.80	11.60	7.5	22
ZZ75380		0.44	0.003	1.30	1.19	8.9	<0.2	<10	310	0.68	0.23	0.46	0.28	3.72	9.3	42
ZZ75381		0.15	0.004	0.78	0.79	11.9	<0.2	10	1010	0.65	0.16	2.48	0.95	7.48	6.9	21
ZZ75382		0.07	0.006	0.41	0.43	4.7	<0.2	10	570	0.28	0.09	4.43	2.03	4.58	3.1	10
ZZ75383		0.11	0.005	0.62	0.49	6.5	<0.2	10	680	0.45	0.11	3.84	2.07	5.55	9.9	15
ZZ75384		0.20	0.004	0.68	0.49	9.5	<0.2	10	620	0.51	0.16	2.56	0.66	4.22	4.6	14
ZZ75385		0.28	0.003	0.88	0.45	14.8	<0.2	10	670	0.54	0.19	2.31	0.61	4.83	5.5	15
ZZ75386		0.16	0.008	0.26	0.27	10.1	<0.2	10	590	0.38	0.08	4.00	0.92	3.87	3.2	8
ZZ75387		0.24	0.003	0.14	0.24	19.0	<0.2	<10	350	0.24	0.07	2.26	2.20	5.64	3.8	11
ZZ75388		0.30	0.004	0.49	0.91	126.0	<0.2	<10	1420	0.84	0.30	9.16	1.78	13.65	27.7	26
ZZ75389		0.25	0.003	0.26	1.24	37.2	<0.2	<10	610	0.83	0.23	2.25	2.46	19.55	9.6	28
ZZ75390		0.30	0.002	0.27	1.39	28.0	<0.2	<10	600	1.00	0.24	1.73	1.45	19.45	8.0	29
ZZ75391		0.16	0.004	0.28	0.98	15.0	<0.2	<10	800	0.56	0.15	2.99	0.96	12.05	6.2	22
ZZ75392		0.34	0.003	0.13	0.71	28	<0.2	10	400	0.49	0.16	11.70	2.25	10.35	6.2	16
ZZ75393		0.50	0.002	0.16	0.77	37	<0.2	<10	330	0.52	0.16	11.20	1.66	13.40	7.4	18
ZZ75394		0.27	0.003	0.11	0.90	106.5	<0.2	10	570	0.82	0.19	2.47	2.44	16.95	11.8	25
ZZ75395		0.13	0.002	0.11	0.55	12.4	<0.2	<10	300	0.32	0.11	4.48	7.92	10.40	4.3	11
ZZ75396		0.40	0.002	0.93	0.56	28.1	<0.2	<10	600	0.68	0.21	2.59	1.15	9.70	8.6	21
ZZ75397		0.16	0.002	0.60	0.82	14.9	<0.2	<10	620	0.60	0.13	3.34	0.83	11.15	5.0	20
ZZ75398		0.07	0.006	0.27	0.39	2.9	<0.2	<10	500	0.19	0.06	5.22	0.90	4.33	3.0	7
ZZ75399		0.30	0.002	0.52	0.80	22.2	<0.2	<10	430	0.58	0.18	1.63	0.90	13.95	8.4	22
ZZ75400		0.11	0.003	0.23	0.60	9.2	<0.2	10	840	0.31	0.08	5.01	0.81	5.73	4.0	11
ZZ75401		0.19	0.003	0.44	1.11	23.0	<0.2	<10	710	0.66	0.19	1.68	0.85	16.50	7.9	26
ZZ75402		0.22	0.003	0.12	2.19	23.8	<0.2	<10	130	0.87	0.26	0.07	0.49	8.18	13.6	39
ZZ75403		0.45	0.003	0.28	1.12	25.1	<0.2	<10	300	0.68	0.18	0.67	0.37	14.05	9.4	24
ZZ75404		0.17	0.002	0.11	1.19	10.5	<0.2	<10	220	0.70	0.21	1.84	0.61	17.20	10.3	19
ZZ75405		0.43	0.002	0.11	1.60	8.2	<0.2	<10	230	1.01	0.31	0.74	0.32	20.0	11.7	28
ZZ75406		0.36	0.003	0.17	1.57	8.5	<0.2	<10	350	0.91	0.22	1.76	1.01	24.1	16.9	27
ZZ75407		0.27	0.001	0.04	1.79	11.4	<0.2	<10	230	0.75	0.25	0.33	0.41	26.8	13.9	27
ZZ75408		0.31	0.003	0.37	1.53	10.3	<0.2	<10	430	0.89	0.21	0.92	0.94	19.95	10.5	26
ZZ75409		0.42	0.005	0.09	2.04	11.1	<0.2	<10	220	0.95	0.23	0.20	0.30	35.7	18.5	31
ZZ75410		0.43	0.001	0.10	2.12	13.9	<0.2	<10	230	0.83	0.28	0.06	0.27	23.0	17.3	31
ZZ75411		0.18	0.005	1.13	0.79	9.1	<0.2	<10	1890	0.75	0.18	1.00	1.82	12.10	9.1	23
ZZ75412		0.40	0.001	0.06	1.90	16.4	<0.2	<10	320	1.33	0.35	0.26	0.27	21.6	15.6	30
ZZ75413		0.44	0.002	0.12	2.31	15.7	<0.2	<10	460	1.07	0.27	0.10	0.36	28.9	19.6	34
ZZ75414		0.24	0.003	0.10	1.99	11.5	<0.2	<10	230	1.09	0.29	0.46	0.27	21.3	14.6	32
ZZ75415		0.56	0.002	0.10	2.08	8.9	<0.2	<10	230	1.29	0.33	0.65	0.43	26.3	17.1	33

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75376		0.70	27.9	2.17	3.44	<0.05	0.04	0.17	0.023	0.05	8.1	17.9	0.28	385	1.25	<0.01
ZZ75377		0.83	39.2	2.14	3.36	<0.05	0.04	0.35	0.029	0.06	8.5	17.3	0.23	215	1.07	<0.01
ZZ75378		0.94	30.1	1.94	2.45	<0.05	0.05	0.28	0.025	0.07	5.2	16.9	0.22	174	1.35	<0.01
ZZ75379		0.60	22.5	1.95	2.70	<0.05	0.04	0.30	0.026	0.05	9.8	15.4	0.24	264	1.18	<0.01
ZZ75380		1.78	44.0	3.03	2.99	<0.05	0.08	0.28	0.044	0.07	2.2	32.7	0.32	80	2.44	<0.01
ZZ75381		1.08	54.2	1.61	1.99	<0.05	0.07	0.43	0.028	0.06	6.3	6.4	0.11	291	0.89	<0.01
ZZ75382		0.74	21.2	0.70	1.08	<0.05	0.05	0.19	0.013	0.04	4.2	2.8	0.11	334	0.43	<0.01
ZZ75383		0.78	37.7	1.06	1.43	<0.05	0.04	0.16	0.015	0.05	5.0	3.3	0.06	932	1.17	<0.01
ZZ75384		0.72	31.2	1.50	1.17	<0.05	0.05	0.15	0.026	0.08	3.2	2.8	0.07	99	0.52	<0.01
ZZ75385		1.26	30.5	1.93	1.12	<0.05	0.04	0.18	0.022	0.08	3.7	2.6	0.06	110	1.44	<0.01
ZZ75386		1.21	17.8	0.88	0.73	<0.05	0.04	0.11	0.015	0.04	4.0	1.8	0.09	107	0.93	<0.01
ZZ75387		0.46	16.2	1.09	0.69	<0.05	0.05	0.11	0.015	0.04	5.7	1.7	0.07	289	2.29	<0.01
ZZ75388		1.23	47.1	3.60	2.64	0.06	0.07	0.20	0.042	0.14	11.7	10.0	0.27	339	4.86	<0.01
ZZ75389		0.56	23.2	2.66	3.25	0.07	0.06	0.08	0.036	0.10	21.3	8.9	0.23	583	1.22	<0.01
ZZ75390		0.60	20.2	2.93	3.88	0.07	0.07	0.04	0.037	0.09	18.4	9.8	0.25	415	1.51	<0.01
ZZ75391		0.75	19.8	1.74	2.70	<0.05	0.03	0.10	0.023	0.04	11.1	6.8	0.17	543	0.87	<0.01
ZZ75392		0.80	17.9	1.38	1.79	0.05	0.06	0.07	0.026	0.08	13.8	5.1	0.14	466	0.71	<0.01
ZZ75393		0.89	17.7	1.77	2.11	0.05	0.04	0.07	0.022	0.08	12.8	7.3	0.24	399	1.05	<0.01
ZZ75394		1.12	36.8	2.18	2.47	0.06	0.10	0.08	0.030	0.16	23.9	7.0	0.16	697	2.63	<0.01
ZZ75395		0.76	15.1	0.98	1.24	0.05	0.03	0.15	0.017	0.05	15.3	2.4	0.08	426	0.87	0.01
ZZ75396		0.35	34.0	2.27	1.62	0.05	0.04	0.21	0.040	0.14	9.4	4.1	0.09	209	3.13	<0.01
ZZ75397		0.63	22.0	1.62	1.97	0.05	0.05	0.15	0.022	0.06	12.2	4.8	0.11	253	0.88	<0.01
ZZ75398		0.41	14.6	0.52	0.97	<0.05	0.03	0.10	0.010	0.02	3.9	1.5	0.06	330	0.39	<0.01
ZZ75399		0.82	23.3	2.19	2.22	<0.05	0.04	0.16	0.030	0.08	10.6	8.8	0.20	294	2.08	<0.01
ZZ75400		0.46	16.0	0.92	1.51	<0.05	0.04	0.14	0.013	0.02	4.7	4.1	0.10	799	0.52	0.01
ZZ75401		0.93	29.7	2.27	2.95	<0.05	0.04	0.20	0.028	0.07	12.5	12.8	0.23	305	1.41	<0.01
ZZ75402		1.87	33.2	4.69	4.62	<0.05	0.06	0.05	0.050	0.05	3.4	57.6	0.49	285	2.01	<0.01
ZZ75403		0.86	29.8	2.88	3.18	<0.05	0.06	1.29	0.030	0.07	7.7	21.2	0.43	249	1.64	0.01
ZZ75404		0.55	31.6	2.88	3.41	<0.05	0.04	0.06	0.024	0.07	8.1	20.5	0.83	660	0.82	<0.01
ZZ75405		0.72	37.0	3.59	5.20	<0.05	0.07	0.06	0.035	0.09	9.2	34.7	0.62	430	0.76	<0.01
ZZ75406		0.54	54.3	3.54	4.56	0.05	0.07	0.10	0.030	0.07	11.0	30.7	1.33	526	1.02	<0.01
ZZ75407		0.90	31.0	3.91	5.59	<0.05	0.04	0.03	0.033	0.05	10.3	29.5	0.58	795	1.23	<0.01
ZZ75408		0.55	62.9	3.17	4.58	<0.05	0.05	0.11	0.033	0.06	9.9	26.0	0.65	359	2.35	<0.01
ZZ75409		0.77	67.7	4.42	5.75	0.06	0.06	0.05	0.035	0.05	16.4	33.0	0.90	850	0.74	<0.01
ZZ75410		0.98	36.3	4.36	6.08	<0.05	0.04	0.04	0.036	0.06	9.5	35.6	0.65	596	2.13	<0.01
ZZ75411		0.56	63.1	2.96	2.28	0.06	0.05	0.19	0.032	0.07	5.9	10.6	0.20	971	4.22	<0.01
ZZ75412		1.96	24.5	3.61	7.06	<0.05	0.02	0.03	0.038	0.08	7.5	32.7	0.43	752	1.07	<0.01
ZZ75413		0.88	49.1	4.83	5.68	0.05	0.07	0.04	0.043	0.07	12.5	38.2	0.75	833	1.57	<0.01
ZZ75414		1.09	29.7	3.65	5.95	<0.05	0.07	0.09	0.039	0.08	9.5	48.2	0.70	190	0.82	<0.01
ZZ75415		0.97	69.0	3.76	6.54	0.06	0.10	0.10	0.042	0.12	11.5	42.1	0.88	410	0.50	<0.01

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Finalized Date: 16-SEP-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75376		0.51	27.1	790	12.4	7.1	0.001	0.08	0.78	2.3	2.3	0.4	47.9	<0.01	0.05	0.7
ZZ75377		0.41	33.9	580	20.6	9.9	0.003	0.07	0.82	3.0	2.7	0.4	39.2	<0.01	0.05	0.8
ZZ75378		0.23	33.2	630	13.0	9.2	0.003	0.10	0.78	2.4	2.4	0.4	51.1	<0.01	0.05	0.6
ZZ75379		0.32	28.2	610	13.8	6.8	0.001	0.08	0.65	2.3	1.8	0.4	42.2	<0.01	0.04	0.6
ZZ75380		<0.05	54.0	230	14.4	9.2	0.013	0.03	0.83	4.5	2.4	0.4	27.4	<0.01	0.08	1.8
ZZ75381		0.16	58.7	800	10.2	13.1	0.007	0.12	0.71	3.0	5.2	0.4	53.3	<0.01	0.05	0.6
ZZ75382		0.15	21.9	760	4.8	10.1	0.007	0.20	0.40	1.1	4.8	0.2	61.3	<0.01	0.03	0.2
ZZ75383		0.15	73.4	720	6.4	7.2	0.006	0.12	0.57	1.8	4.6	0.3	50.7	<0.01	0.03	0.2
ZZ75384		0.11	44.4	440	8.5	6.8	0.016	0.06	0.65	2.5	4.2	0.3	32.2	<0.01	0.04	0.5
ZZ75385		0.10	46.2	550	10.2	7.0	0.007	0.05	0.90	2.3	4.0	0.3	31.4	<0.01	0.07	0.4
ZZ75386		0.10	26.4	680	5.8	5.1	0.006	0.17	0.51	0.9	4.9	<0.2	40.8	<0.01	0.04	0.2
ZZ75387		0.09	31.4	800	6.1	4.0	0.001	0.10	0.43	3.6	1.4	0.2	28.7	<0.01	0.03	0.4
ZZ75388		0.24	145.0	1110	28.6	6.9	0.003	0.12	1.55	4.4	4.0	0.5	86.6	<0.01	0.47	2.1
ZZ75389		0.34	33.0	1080	18.3	6.5	<0.001	0.09	0.62	2.5	1.5	0.4	27.8	<0.01	0.11	0.7
ZZ75390		0.38	27.6	460	19.5	8.1	<0.001	0.04	0.78	4.9	1.6	0.5	25.2	<0.01	0.13	1.8
ZZ75391		0.38	17.0	1320	10.3	5.6	<0.001	0.14	0.43	1.4	1.6	0.3	44.2	<0.01	0.04	0.3
ZZ75392		0.25	24.9	1180	9.8	4.9	<0.001	0.14	0.71	1.2	1.3	0.3	64.4	<0.01	0.20	0.5
ZZ75393		0.27	24.9	1100	11.6	5.1	<0.001	0.07	0.61	1.4	1.3	0.3	74.2	<0.01	0.10	0.5
ZZ75394		0.30	53.4	1360	15.0	8.3	<0.001	0.12	0.90	2.8	1.8	0.4	32.4	<0.01	0.09	0.9
ZZ75395		0.27	15.1	1240	7.1	4.2	<0.001	0.15	0.35	1.0	1.3	0.2	36.1	0.01	0.09	0.3
ZZ75396		0.16	57.6	550	13.6	4.9	0.003	0.05	0.85	4.1	4.1	0.4	31.4	<0.01	0.09	1.0
ZZ75397		0.27	28.5	910	8.5	6.5	0.001	0.10	0.49	1.7	2.5	0.3	39.8	<0.01	0.05	0.4
ZZ75398		0.16	7.9	1040	3.5	1.7	0.001	0.17	0.23	0.4	1.4	<0.2	53.6	<0.01	0.02	<0.2
ZZ75399		0.33	40.6	560	13.5	7.5	0.001	0.04	0.65	3.7	2.1	0.4	27.8	<0.01	0.06	1.2
ZZ75400		0.28	26.6	990	5.9	3.1	0.006	0.17	0.41	0.6	6.8	0.2	51.3	<0.01	0.03	<0.2
ZZ75401		0.47	35.1	670	13.1	7.6	0.002	0.06	0.60	3.3	2.6	0.4	26.0	<0.01	0.06	0.9
ZZ75402		0.28	49.2	650	21.9	12.0	0.001	0.03	0.52	3.9	1.1	0.5	15.4	<0.01	0.07	2.6
ZZ75403		0.32	34.8	610	15.3	6.3	0.001	0.04	0.54	4.1	1.3	0.3	24.4	<0.01	0.03	2.1
ZZ75404		0.41	20.8	600	33.5	6.5	<0.001	0.07	0.43	3.2	0.8	0.3	56.0	<0.01	0.07	1.1
ZZ75405		0.45	28.5	500	114.0	8.7	<0.001	0.04	0.36	5.0	0.9	0.6	32.2	<0.01	0.06	3.0
ZZ75406		0.29	32.5	540	23.5	6.4	<0.001	0.07	0.50	6.6	1.3	0.4	37.2	<0.01	0.08	3.1
ZZ75407		0.64	24.7	370	20.3	8.5	<0.001	0.02	0.42	3.9	0.4	0.5	19.9	<0.01	0.06	2.2
ZZ75408		0.36	33.2	540	14.0	7.2	0.001	0.04	1.26	6.0	1.5	0.4	39.5	<0.01	0.06	1.7
ZZ75409		0.29	32.2	350	18.9	7.4	<0.001	0.02	0.40	8.3	0.9	0.4	15.5	<0.01	0.07	3.9
ZZ75410		0.41	32.4	350	23.0	10.2	<0.001	0.02	0.69	4.0	1.0	0.5	11.2	<0.01	0.07	3.3
ZZ75411		0.26	55.8	950	13.9	6.2	0.015	0.16	1.46	4.8	8.3	0.4	84.9	<0.01	0.09	2.2
ZZ75412		0.64	27.4	360	23.6	12.2	<0.001	0.02	0.30	3.9	0.6	0.9	19.2	<0.01	0.05	3.3
ZZ75413		0.32	39.0	300	23.9	10.8	<0.001	0.02	0.57	6.9	0.9	0.5	10.8	<0.01	0.07	4.2
ZZ75414		0.47	32.6	320	21.7	10.7	<0.001	0.03	0.27	5.9	1.0	0.6	25.6	<0.01	0.07	3.8
ZZ75415		0.31	36.2	480	24.5	8.4	<0.001	0.05	0.29	8.2	1.5	0.6	32.9	<0.01	0.07	4.8

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ75376		0.010	0.10	2.56	38	0.08	10.30	88	1.2
ZZ75377		0.006	0.13	2.41	37	0.12	15.60	100	1.4
ZZ75378		<0.005	0.12	1.23	27	0.08	12.05	127	1.9
ZZ75379		0.006	0.10	1.24	30	0.09	17.00	119	1.2
ZZ75380		<0.005	0.08	0.77	31	<0.05	7.64	163	3.6
ZZ75381		<0.005	0.38	7.14	26	<0.05	18.35	135	2.7
ZZ75382		<0.005	0.13	4.05	12	<0.05	10.50	147	1.7
ZZ75383		<0.005	0.19	3.96	22	<0.05	13.85	119	1.7
ZZ75384		<0.005	0.12	1.93	18	<0.05	10.25	108	2.2
ZZ75385		<0.005	0.11	3.61	20	<0.05	12.45	131	1.6
ZZ75386		<0.005	0.11	3.87	12	<0.05	13.30	84	1.6
ZZ75387		<0.005	0.07	1.45	14	<0.05	19.65	137	1.7
ZZ75388		<0.005	0.49	2.73	45	0.14	30.1	333	2.6
ZZ75389		0.008	0.17	0.53	44	0.10	42.8	166	1.4
ZZ75390		0.007	0.15	0.50	58	0.09	37.0	128	1.9
ZZ75391		0.008	0.09	3.26	38	0.12	24.3	71	1.0
ZZ75392		0.006	0.17	0.37	21	0.11	32.8	201	1.8
ZZ75393		0.008	0.13	0.74	28	0.15	26.6	134	1.2
ZZ75394		0.006	0.31	0.89	34	0.23	42.6	254	2.8
ZZ75395		0.009	0.08	0.60	16	0.07	29.8	152	1.3
ZZ75396		<0.005	0.13	0.93	28	0.06	23.4	195	1.2
ZZ75397		<0.005	0.08	2.34	27	0.06	24.1	86	1.4
ZZ75398		0.005	0.04	2.51	9	<0.05	6.77	48	1.0
ZZ75399		0.006	0.14	0.85	30	0.08	19.60	167	1.4
ZZ75400		0.006	0.06	2.30	15	<0.05	9.27	98	1.2
ZZ75401		0.008	0.14	1.20	38	0.13	21.5	125	1.4
ZZ75402		<0.005	0.19	0.54	44	0.05	5.07	183	2.4
ZZ75403		0.008	0.11	0.89	32	0.07	12.45	127	1.9
ZZ75404		0.011	0.08	1.11	33	0.07	8.35	171	1.1
ZZ75405		0.010	0.10	0.94	37	0.05	10.10	189	1.8
ZZ75406		0.006	0.41	1.41	47	0.06	12.25	203	2.4
ZZ75407		0.013	0.10	0.56	55	0.14	5.09	107	1.3
ZZ75408		0.008	0.16	1.46	70	0.15	12.05	121	1.4
ZZ75409		0.007	0.09	0.65	53	0.09	15.05	101	1.9
ZZ75410		0.007	0.19	0.63	62	0.08	4.15	128	1.4
ZZ75411		<0.005	0.17	4.25	52	0.07	19.70	253	2.1
ZZ75412		0.010	0.11	0.88	42	0.11	4.74	82	0.8
ZZ75413		0.005	0.15	0.76	59	0.06	9.70	151	2.6
ZZ75414		0.006	0.11	0.91	41	0.07	8.34	241	2.1
ZZ75415		0.005	0.09	0.97	42	0.23	12.30	139	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ75416		0.36	0.002	0.11	1.94	12.0	<0.2	<10	210	1.07	0.28	0.88	0.33	24.0	17.4	30
ZZ75417		0.33	0.002	0.11	2.01	11.2	<0.2	<10	210	1.02	0.26	1.32	0.34	24.0	20.9	31
ZZ75418		0.32	0.002	0.11	2.03	12.2	<0.2	<10	200	1.09	0.28	0.77	0.26	26.1	18.3	33
ZZ75419		0.27	0.002	0.11	1.87	12.0	<0.2	10	240	1.16	0.31	1.52	0.33	21.9	18.5	28
ZZ75420		0.26	0.003	0.12	1.82	10.1	<0.2	<10	220	1.14	0.29	0.78	0.28	24.4	17.0	29
ZZ75421		0.28	0.003	0.14	1.90	10.8	<0.2	<10	300	1.04	0.29	0.92	0.41	25.3	19.9	28
ZZ75422		0.25	0.003	0.19	1.41	8.1	<0.2	<10	380	0.94	0.24	1.06	0.14	18.80	8.5	25
ZZ75423		0.27	0.003	0.13	1.72	8.7	<0.2	<10	230	1.25	0.34	0.78	0.47	21.6	18.3	27
ZZ75424		0.08	0.006	0.15	0.67	3.1	<0.2	10	430	0.44	0.10	3.96	0.98	6.92	5.1	9
ZZ75425		0.12	0.003	0.09	1.63	8.6	<0.2	<10	290	0.75	0.22	1.42	0.25	20.2	16.3	24
ZZ75426		0.31	0.003	0.11	1.83	7.8	<0.2	<10	270	0.90	0.22	0.87	0.24	23.6	15.1	28
ZZ75427		0.25	0.004	0.10	1.67	11.4	<0.2	<10	460	0.89	0.26	0.45	0.10	24.2	10.4	26
ZZ75428		0.14	0.006	0.16	2.29	23.2	<0.2	<10	270	1.40	0.28	0.31	0.36	44.5	20.0	36
ZZ75429		0.25	0.003	0.15	2.06	11.2	<0.2	<10	310	0.99	0.25	0.90	0.37	29.4	19.7	31
ZZ75430		0.22	0.002	0.07	1.61	10.7	<0.2	<10	350	0.67	0.25	0.61	0.33	28.7	8.3	25
ZZ75431		0.26	0.001	0.03	1.79	9.1	<0.2	<10	160	0.43	0.23	0.06	0.16	25.2	7.5	24
ZZ75432		0.13	0.004	1.25	1.36	12.1	<0.2	<10	980	0.97	0.22	1.53	3.06	14.55	8.9	27
ZZ75433		0.22	0.001	0.31	1.72	15.0	<0.2	<10	1220	1.11	0.30	0.27	2.70	23.5	10.8	33
ZZ75434		0.29	0.003	0.14	1.17	31.2	<0.2	<10	220	0.66	0.23	1.01	0.42	20.7	16.1	19
ZZ75435		0.19	0.001	0.05	1.78	9.0	<0.2	<10	150	0.53	0.27	0.06	0.12	22.6	5.8	22
ZZ75436		0.25	0.001	0.04	2.26	10.9	<0.2	<10	240	0.96	0.26	0.16	0.18	29.4	11.0	30
ZZ75437		0.39	0.002	0.06	1.98	12.0	<0.2	<10	280	0.74	0.27	0.21	0.17	30.7	9.9	26
ZZ75438		0.16	0.003	0.17	1.48	2.1	<0.2	<10	330	0.80	0.22	1.88	0.40	16.35	8.1	23
ZZ75439		0.31	0.005	0.13	1.93	9.4	<0.2	<10	240	1.03	0.25	1.04	0.29	22.9	18.5	29
ZZ75440		0.43	0.003	0.10	1.90	8.7	<0.2	<10	190	1.09	0.27	1.08	0.26	23.7	18.7	29
ZZ75441		0.40	0.003	0.11	1.82	10.1	<0.2	<10	190	0.87	0.25	0.92	0.28	28.7	19.5	28
ZZ75442		0.34	0.003	0.08	2.05	8.0	<0.2	<10	150	0.79	0.23	4.47	0.26	30.0	22.4	29
ZZ75443		0.30	0.002	0.13	1.72	7.8	<0.2	<10	270	0.98	0.23	0.85	0.34	23.4	15.9	27
ZZ75444		0.42	0.003	0.23	1.58	12.3	<0.2	<10	280	1.10	0.27	0.74	0.55	26.3	18.4	25
ZZ75445		0.31	0.001	0.18	1.41	15.6	<0.2	<10	220	1.57	0.28	0.18	1.30	31.8	12.5	22
ZZ75446		0.41	0.002	0.19	1.27	16.0	<0.2	<10	760	1.65	0.31	0.36	0.44	20.5	15.2	25
ZZ75447		0.18	0.002	0.12	1.03	8.0	<0.2	<10	500	0.66	0.22	2.76	0.43	9.93	9.3	16
ZZ75448		0.26	0.003	0.14	1.35	14.7	<0.2	10	320	1.14	0.20	2.42	1.37	27.7	10.8	22
ZZ75449		0.29	0.003	0.13	1.64	10.0	<0.2	<10	340	1.13	0.28	0.50	0.43	32.3	18.6	26
ZZ75450		0.17	0.003	0.16	1.24	9.8	<0.2	<10	330	0.68	0.21	2.03	0.88	16.10	10.7	20
ZZ75451		0.35	0.002	0.09	1.75	9.9	<0.2	<10	210	1.02	0.29	0.38	0.25	29.4	16.8	27
ZZ75452		0.19	0.003	0.19	1.50	9.3	<0.2	<10	330	0.77	0.22	1.66	0.59	21.6	12.8	24
ZZ75453		0.29	0.003	0.19	1.65	9.1	<0.2	<10	350	0.80	0.22	0.71	0.29	28.4	10.7	28
ZZ75454		0.32	0.003	0.14	1.72	7.6	<0.2	<10	310	0.82	0.24	0.72	0.41	29.7	13.8	28
ZZ75455		0.28	0.001	0.04	1.32	10.0	<0.2	<10	230	0.39	0.21	0.47	0.08	24.0	6.2	22

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ75416		0.98	59.4	4.01	5.65	0.05	0.08	0.09	0.038	0.11	10.9	36.2	0.86	688	0.74	<0.01
ZZ75417		1.18	81.9	4.42	5.80	0.05	0.08	0.12	0.037	0.13	11.6	37.2	1.17	816	0.69	<0.01
ZZ75418		1.13	69.5	4.39	5.95	0.05	0.10	0.09	0.032	0.13	12.6	39.4	1.06	599	0.76	<0.01
ZZ75419		1.05	75.0	3.87	5.88	0.06	0.08	0.12	0.035	0.12	9.7	34.1	0.90	879	0.75	<0.01
ZZ75420		1.15	64.7	3.76	5.61	0.06	0.09	0.10	0.037	0.11	11.7	34.1	0.81	928	0.86	<0.01
ZZ75421		1.62	78.2	4.49	5.87	0.07	0.12	0.11	0.036	0.14	10.9	36.2	1.06	735	2.34	<0.01
ZZ75422		1.11	35.7	2.44	4.49	<0.05	0.05	0.09	0.029	0.06	9.9	26.9	0.48	220	1.53	<0.01
ZZ75423		1.29	64.5	3.38	5.45	0.05	0.11	0.10	0.039	0.11	8.9	35.7	0.64	224	1.45	<0.01
ZZ75424		0.41	42.9	1.12	2.08	<0.05	0.03	0.11	0.014	0.03	2.8	6.5	0.27	1320	0.50	<0.01
ZZ75425		0.69	65.1	3.80	4.93	<0.05	0.07	0.09	0.029	0.07	9.1	30.0	1.02	585	0.60	<0.01
ZZ75426		0.63	69.6	3.89	5.46	0.06	0.06	0.10	0.032	0.07	11.1	32.7	0.89	513	0.54	<0.01
ZZ75427		0.91	20.5	2.96	5.36	0.05	0.04	0.07	0.031	0.05	11.2	25.0	0.48	420	0.86	<0.01
ZZ75428		1.22	72.2	5.06	6.27	0.09	0.09	0.10	0.043	0.07	18.6	41.6	0.97	1120	0.94	<0.01
ZZ75429		0.93	95.7	4.79	6.43	0.08	0.09	0.15	0.036	0.09	14.6	38.5	1.12	827	0.73	<0.01
ZZ75430		1.21	14.5	2.70	5.62	<0.05	0.02	0.03	0.029	0.04	10.5	15.8	0.38	545	1.43	<0.01
ZZ75431		1.14	13.9	2.99	6.01	<0.05	0.04	0.09	0.023	0.04	12.1	29.4	0.40	286	1.18	<0.01
ZZ75432		0.76	52.2	2.73	3.87	0.05	0.08	0.17	0.032	0.07	7.4	11.2	0.28	578	3.49	<0.01
ZZ75433		0.85	55.4	3.66	5.56	0.05	0.05	0.05	0.040	0.08	11.0	19.1	0.38	799	5.80	<0.01
ZZ75434		1.04	49.1	3.52	3.67	0.05	0.07	0.13	0.027	0.06	8.8	31.7	0.99	480	1.01	<0.01
ZZ75435		1.09	8.6	2.83	6.97	<0.05	0.06	0.02	0.028	0.03	11.0	30.0	0.25	145	1.13	<0.01
ZZ75436		1.38	14.1	3.37	6.54	<0.05	0.07	0.02	0.036	0.04	12.0	27.1	0.52	356	1.17	<0.01
ZZ75437		1.24	17.3	3.17	6.26	0.05	0.04	0.04	0.032	0.04	12.9	25.5	0.39	318	1.30	<0.01
ZZ75438		1.02	37.7	2.14	4.42	<0.05	0.07	0.13	0.028	0.07	7.3	29.9	0.53	75	1.97	<0.01
ZZ75439		0.81	81.5	4.28	5.69	0.06	0.07	0.11	0.035	0.09	11.1	37.0	0.98	596	0.74	<0.01
ZZ75440		1.02	74.5	4.44	5.62	0.06	0.10	0.09	0.033	0.10	10.4	38.8	1.08	578	0.84	<0.01
ZZ75441		0.72	74.2	4.31	5.58	0.07	0.09	0.10	0.032	0.08	12.6	35.8	1.00	735	0.74	<0.01
ZZ75442		0.85	89.4	4.48	6.48	0.07	0.12	0.11	0.033	0.10	13.1	38.1	1.36	750	0.46	<0.01
ZZ75443		1.06	60.7	3.76	5.09	0.06	0.08	0.10	0.032	0.12	10.2	32.3	0.84	840	1.11	<0.01
ZZ75444		1.35	72.2	4.09	5.10	0.07	0.10	0.09	0.034	0.12	11.6	32.0	0.93	625	2.06	<0.01
ZZ75445		1.89	49.9	3.63	4.40	0.06	0.04	0.04	0.035	0.10	10.0	20.5	0.26	1240	3.94	<0.01
ZZ75446		2.25	57.4	3.41	3.92	0.06	0.07	0.09	0.031	0.10	10.4	25.5	0.44	1140	1.94	<0.01
ZZ75447		0.87	31.6	2.30	3.43	<0.05	0.03	0.05	0.019	0.07	4.5	13.6	0.27	2130	5.50	<0.01
ZZ75448		0.78	37.7	2.62	3.93	0.06	0.08	0.09	0.031	0.12	12.8	21.8	0.53	288	3.03	<0.01
ZZ75449		1.05	70.9	3.65	5.37	0.07	0.08	0.07	0.034	0.09	14.0	33.5	0.76	906	2.76	<0.01
ZZ75450		0.66	24.9	2.67	3.72	<0.05	0.04	0.10	0.023	0.07	7.1	21.9	0.50	877	6.65	<0.01
ZZ75451		0.63	62.1	4.16	5.94	0.06	0.08	0.07	0.033	0.07	13.5	35.2	0.85	580	0.77	<0.01
ZZ75452		0.64	38.8	2.92	4.81	0.05	0.04	0.10	0.028	0.06	8.9	25.2	0.60	870	1.03	<0.01
ZZ75453		0.71	38.7	3.06	4.88	<0.05	0.06	0.09	0.027	0.07	13.8	31.6	0.69	391	0.76	<0.01
ZZ75454		0.66	54.7	3.32	5.27	0.06	0.06	0.10	0.030	0.07	13.4	31.5	0.82	244	0.49	<0.01
ZZ75455		1.01	7.9	2.31	4.85	<0.05	0.03	0.03	0.020	0.04	12.1	15.1	0.36	199	1.22	<0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75416		0.28	32.2	610	20.0	7.7	0.001	0.05	0.31	6.7	1.1	0.5	37.2	<0.01	0.06	2.9
ZZ75417		0.22	36.6	580	19.5	7.9	<0.001	0.05	0.37	7.0	1.0	0.4	45.0	<0.01	0.08	2.5
ZZ75418		0.29	35.8	470	19.1	7.9	<0.001	0.03	0.34	7.5	0.7	0.4	31.5	<0.01	0.08	3.8
ZZ75419		0.25	34.2	510	20.6	8.0	<0.001	0.06	0.37	6.3	0.8	0.4	60.8	<0.01	0.09	2.3
ZZ75420		0.40	33.1	330	23.4	8.6	<0.001	0.04	0.39	6.7	0.9	0.4	35.6	<0.01	0.06	3.5
ZZ75421		0.20	38.0	650	18.6	8.2	<0.001	0.04	0.46	7.6	1.1	0.4	39.1	<0.01	0.07	4.2
ZZ75422		0.67	26.7	490	9.3	7.8	<0.001	0.06	0.45	3.9	0.8	0.5	43.1	<0.01	0.03	1.8
ZZ75423		0.44	33.7	540	21.1	8.8	0.002	0.08	0.41	6.8	1.6	0.6	39.9	<0.01	0.04	3.8
ZZ75424		0.24	13.3	840	5.6	3.7	0.001	0.17	0.47	0.9	1.2	0.2	141.0	<0.01	0.03	0.2
ZZ75425		0.19	30.0	600	14.4	5.3	<0.001	0.05	0.36	5.6	0.6	0.3	49.2	<0.01	0.08	2.0
ZZ75426		0.25	31.7	510	12.4	6.2	<0.001	0.04	0.36	6.7	0.9	0.3	41.1	<0.01	0.08	2.2
ZZ75427		0.76	23.9	490	12.3	10.3	<0.001	0.03	0.33	4.0	0.6	0.6	22.8	<0.01	0.03	2.9
ZZ75428		0.23	41.8	460	25.6	8.2	<0.001	0.03	0.42	12.9	1.3	0.3	20.7	<0.01	0.07	5.9
ZZ75429		0.18	39.0	490	17.8	7.1	0.001	0.05	0.44	10.7	1.1	0.3	39.8	<0.01	0.10	2.6
ZZ75430		1.12	19.4	400	14.5	7.6	<0.001	0.03	0.53	2.5	0.7	0.6	29.8	<0.01	0.04	1.7
ZZ75431		0.90	15.9	170	11.9	10.3	<0.001	0.01	0.39	2.7	0.2	0.6	6.6	<0.01	0.03	3.3
ZZ75432		0.30	46.2	1280	13.3	10.2	0.001	0.10	1.09	3.5	3.9	0.4	78.3	<0.01	0.07	0.9
ZZ75433		0.49	45.2	570	17.6	15.1	<0.001	0.03	1.03	5.7	2.6	0.6	28.0	<0.01	0.09	2.5
ZZ75434		0.10	33.3	650	16.4	4.0	0.001	0.04	0.56	4.6	1.1	0.2	35.8	<0.01	0.05	3.1
ZZ75435		1.41	12.5	180	13.8	6.6	<0.001	0.02	0.36	2.4	<0.2	0.8	6.4	<0.01	0.03	2.9
ZZ75436		1.09	22.5	240	15.1	9.5	<0.001	0.02	0.45	3.5	0.3	0.6	13.7	<0.01	0.05	4.0
ZZ75437		1.13	20.3	300	15.3	9.0	<0.001	0.01	0.50	3.3	0.5	0.6	16.1	<0.01	0.05	3.3
ZZ75438		0.36	29.3	800	14.0	9.5	0.004	0.20	0.38	4.6	2.1	0.4	78.0	<0.01	0.02	1.3
ZZ75439		0.23	35.2	570	16.1	6.3	<0.001	0.04	0.41	8.0	0.9	0.3	46.5	<0.01	0.06	2.5
ZZ75440		0.18	37.4	680	16.0	5.9	<0.001	0.03	0.39	7.6	0.7	0.3	45.1	<0.01	0.06	4.0
ZZ75441		0.21	35.2	560	17.3	5.6	<0.001	0.04	0.38	7.4	0.8	0.3	40.3	<0.01	0.07	3.7
ZZ75442		0.08	37.4	580	15.3	6.4	<0.001	0.03	0.28	9.0	0.8	0.3	151.5	<0.01	0.08	4.0
ZZ75443		0.28	32.7	720	14.1	7.9	0.001	0.05	0.48	6.4	1.1	0.4	43.1	<0.01	0.07	2.5
ZZ75444		0.22	38.1	690	19.1	8.3	0.001	0.04	0.67	6.7	1.0	0.4	28.6	<0.01	0.06	4.3
ZZ75445		0.39	34.0	850	31.9	11.4	0.001	0.02	0.93	4.5	1.1	0.6	11.3	<0.01	0.05	3.9
ZZ75446		0.42	36.2	720	26.2	10.9	<0.001	0.02	0.70	7.4	1.4	0.5	22.7	<0.01	0.05	5.3
ZZ75447		0.52	82.8	970	10.3	10.6	0.004	0.14	0.75	1.6	3.0	0.4	92.0	<0.01	0.05	0.4
ZZ75448		0.49	189.0	630	13.3	9.9	0.013	0.15	0.94	5.4	4.8	0.4	79.4	<0.01	0.03	2.7
ZZ75449		0.40	36.2	550	23.0	8.3	0.001	0.03	0.47	7.4	1.6	0.4	24.4	<0.01	0.07	4.5
ZZ75450		0.52	53.3	730	12.2	7.3	0.004	0.08	0.98	2.5	2.1	0.4	53.7	<0.01	0.04	0.8
ZZ75451		0.27	34.3	440	21.0	5.7	<0.001	0.02	0.36	6.6	0.7	0.4	23.0	<0.01	0.08	4.1
ZZ75452		0.43	24.6	800	13.8	7.0	0.001	0.10	0.46	3.3	1.5	0.4	65.7	<0.01	0.06	0.8
ZZ75453		0.73	26.8	590	12.3	7.6	0.001	0.05	0.47	5.3	1.1	0.4	38.6	<0.01	0.03	2.4
ZZ75454		0.50	29.5	710	16.7	7.3	<0.001	0.05	0.35	6.6	1.2	0.4	36.1	<0.01	0.06	2.9
ZZ75455		1.13	13.5	270	12.2	8.5	<0.001	0.02	0.43	2.2	0.6	0.6	25.0	<0.01	0.04	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ75416		0.006	0.08	1.19	42	0.05	11.40	141	2.5
ZZ75417		0.005	0.11	0.94	47	<0.05	12.90	168	2.6
ZZ75418		0.007	0.10	0.64	47	0.05	12.10	142	3.2
ZZ75419		<0.005	0.10	1.26	40	<0.05	11.75	117	2.4
ZZ75420		0.007	0.09	0.87	40	0.07	12.70	113	3.0
ZZ75421		0.007	0.12	0.92	45	<0.05	11.80	134	4.3
ZZ75422		0.013	0.09	3.75	33	0.12	10.15	88	1.5
ZZ75423		0.007	0.11	2.43	33	0.07	12.40	108	3.8
ZZ75424		0.006	0.05	3.48	13	<0.05	4.36	46	1.1
ZZ75425		0.006	0.07	0.48	40	<0.05	9.81	93	2.3
ZZ75426		0.007	0.06	0.77	44	0.06	11.05	88	1.8
ZZ75427		0.013	0.10	1.03	38	0.18	8.27	75	1.1
ZZ75428		<0.005	0.12	1.04	49	0.05	24.7	110	3.0
ZZ75429		0.005	0.09	0.83	52	<0.05	18.50	108	2.8
ZZ75430		0.024	0.12	0.72	54	0.35	4.01	61	0.8
ZZ75431		0.017	0.12	0.42	51	0.15	2.44	61	1.7
ZZ75432		<0.005	0.17	4.63	86	0.06	17.80	165	2.4
ZZ75433		0.006	0.16	2.35	106	0.10	15.40	194	1.3
ZZ75434		<0.005	0.08	0.66	30	<0.05	9.33	114	2.4
ZZ75435		0.025	0.14	0.43	64	0.22	2.05	46	2.1
ZZ75436		0.019	0.13	0.68	60	0.18	3.83	77	2.5
ZZ75437		0.019	0.14	0.59	58	0.32	4.26	61	1.4
ZZ75438		0.005	0.10	5.31	32	<0.05	9.61	133	2.2
ZZ75439		0.005	0.07	0.53	44	<0.05	14.70	95	2.5
ZZ75440		0.006	0.07	0.44	42	<0.05	11.70	98	4.1
ZZ75441		0.007	0.08	0.43	45	<0.05	11.55	103	3.2
ZZ75442		0.005	0.07	0.46	50	<0.05	11.70	92	4.8
ZZ75443		0.008	0.09	0.95	43	0.06	11.25	103	2.3
ZZ75444		0.006	0.13	0.66	48	0.06	12.65	124	3.7
ZZ75445		0.005	0.20	1.17	57	0.11	12.10	127	1.2
ZZ75446		0.009	0.11	1.19	36	0.17	17.25	100	2.3
ZZ75447		0.010	0.09	8.97	28	0.15	5.22	182	0.9
ZZ75448		0.005	0.13	3.06	32	0.08	11.50	1060	3.7
ZZ75449		0.008	0.09	2.58	40	0.09	13.95	110	2.8
ZZ75450		0.011	0.09	9.41	45	0.11	6.94	221	1.0
ZZ75451		0.008	0.07	0.84	43	<0.05	11.35	109	2.5
ZZ75452		0.010	0.08	3.34	39	0.08	8.68	81	1.2
ZZ75453		0.018	0.09	0.95	44	0.16	10.80	94	1.7
ZZ75454		0.011	0.08	0.79	44	0.09	12.25	114	2.1
ZZ75455		0.030	0.11	0.52	50	0.26	3.02	49	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ75456		0.25	0.003	0.11	1.51	12.3	<0.2	<10	520	1.01	0.24	0.68	0.22	21.3	8.9	24
ZZ75457		0.40	0.002	0.12	1.95	9.8	<0.2	<10	300	1.14	0.24	0.86	0.26	23.8	18.8	31
ZZ75458		0.25	0.003	0.14	1.66	7.5	<0.2	<10	390	1.20	0.22	1.43	0.29	17.20	11.0	26
ZZ75459		0.42	0.003	0.10	2.17	10.9	<0.2	<10	200	0.97	0.23	0.36	0.19	31.8	19.9	33
ZZ75460		0.30	0.002	0.11	1.89	8.0	<0.2	<10	260	0.97	0.22	1.00	0.27	22.2	13.8	29
ZZ75461		0.31	0.003	0.13	1.92	8.2	<0.2	<10	250	0.96	0.23	0.96	0.23	24.0	15.4	29
ZZ75462		0.28	0.003	0.15	1.71	9.0	<0.2	<10	280	0.91	0.21	1.11	0.30	22.3	14.3	27
ZZ75463		0.20	0.002	0.06	0.85	7.1	<0.2	<10	380	0.40	0.13	3.38	0.67	11.55	6.4	24
ZZ75464		0.26	0.001	0.03	1.93	13.3	<0.2	<10	200	0.65	0.24	0.09	0.15	23.6	8.9	26
ZZ75465		0.29	0.002	0.08	1.57	14.2	<0.2	<10	230	0.69	0.23	0.51	0.24	23.6	13.4	24
ZZ75466		0.31	0.003	0.16	2.98	13.9	<0.2	<10	240	1.67	0.22	0.24	0.53	52.8	15.2	33
ZZ75467		0.28	0.004	1.15	0.71	20.9	<0.2	<10	1800	0.61	0.17	0.50	0.81	13.15	6.1	26
ZZ75468		0.12	0.004	1.44	0.53	39.6	<0.2	<10	1480	0.41	0.10	1.66	0.64	7.33	3.5	18
ZZ75469		0.24	0.004	1.32	0.78	15.0	<0.2	<10	2240	0.49	0.16	0.54	0.29	8.88	3.2	25
ZZ75470		0.29	0.005	4.08	0.69	28.1	<0.2	<10	1720	0.63	0.18	0.28	2.10	9.92	6.2	29
ZZ75471		0.28	0.005	0.80	0.66	11.7	<0.2	<10	1990	0.49	0.17	0.50	0.55	8.40	3.3	18
ZZ75472		0.17	0.003	0.61	0.97	7.1	<0.2	<10	1480	0.62	0.18	0.77	0.68	12.60	5.2	22
ZZ75473		0.39	0.006	0.99	1.03	12.3	<0.2	<10	1430	0.60	0.21	0.62	0.95	19.00	8.6	24
ZZ75474		0.24	0.005	1.44	0.44	10.7	<0.2	<10	750	0.12	0.16	0.03	0.10	10.00	1.6	16
ZZ75475		0.38	0.005	0.88	1.16	11.7	<0.2	<10	2640	0.92	0.22	1.07	1.66	15.75	9.7	27
ZZ75476		0.10	0.004	3.29	0.36	10.1	<0.2	<10	1390	0.35	0.05	3.87	10.40	6.05	6.9	18
ZZ75477		0.29	0.006	14.20	0.88	35.1	<0.2	<10	1980	0.51	0.18	0.85	16.60	13.70	5.2	60
ZZ75478		0.25	0.005	0.35	1.36	13.7	<0.2	<10	130	0.31	0.24	0.02	0.36	16.40	6.9	22
ZZ75479		0.34	0.002	0.31	1.12	8.7	<0.2	<10	160	0.29	0.24	0.04	0.27	24.8	3.2	15
ZZ75480		0.29	0.007	0.91	0.70	8.0	<0.2	<10	810	0.58	0.20	0.34	1.60	18.80	11.6	12

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Finalized Date: 16- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75456		1.84	25.6	3.12	5.11	<0.05	0.02	0.05	0.031	0.08	11.6	20.0	0.34	541	1.30	0.01
ZZ75457		1.01	78.1	4.39	5.29	0.05	0.09	0.08	0.035	0.12	11.4	34.5	0.98	1080	0.81	<0.01
ZZ75458		1.03	67.7	3.21	4.41	<0.05	0.07	0.08	0.031	0.10	8.4	29.3	0.66	320	0.81	0.01
ZZ75459		0.81	71.0	4.89	5.94	0.05	0.10	0.07	0.035	0.09	14.3	37.3	1.11	794	0.62	0.01
ZZ75460		0.66	53.9	3.78	5.02	<0.05	0.07	0.09	0.033	0.09	10.8	32.5	0.83	578	0.60	<0.01
ZZ75461		0.82	58.1	3.88	5.05	<0.05	0.08	0.08	0.029	0.10	11.6	34.5	0.86	595	0.71	<0.01
ZZ75462		0.78	61.0	3.61	4.62	<0.05	0.07	0.11	0.032	0.09	10.9	31.2	0.78	560	0.73	<0.01
ZZ75463		0.53	24.3	1.91	2.65	<0.05	0.02	0.05	0.019	0.03	4.2	14.0	0.35	632	0.76	<0.01
ZZ75464		1.23	14.7	3.58	6.28	<0.05	0.05	0.03	0.035	0.04	11.4	29.2	0.33	226	1.40	<0.01
ZZ75465		0.82	31.1	3.54	4.30	<0.05	0.05	0.05	0.029	0.05	10.7	34.6	0.58	517	3.98	<0.01
ZZ75466		1.23	25.2	3.65	4.17	0.05	0.12	0.06	0.045	0.04	13.2	27.3	0.36	828	1.05	<0.01
ZZ75467		0.62	50.9	2.91	1.99	0.05	0.04	0.16	0.032	0.08	6.1	6.7	0.15	121	5.15	<0.01
ZZ75468		0.43	24.4	2.88	1.31	<0.05	0.05	0.14	0.018	0.03	3.7	1.9	0.05	81	1.81	<0.01
ZZ75469		0.57	27.8	1.99	2.18	<0.05	0.02	0.14	0.023	0.07	4.4	6.3	0.13	114	4.71	<0.01
ZZ75470		0.62	56.4	3.15	1.81	0.06	<0.02	0.16	0.037	0.08	5.3	4.2	0.06	111	8.19	<0.01
ZZ75471		0.56	37.5	1.94	1.72	<0.05	0.05	0.19	0.029	0.07	3.9	5.7	0.11	61	4.50	<0.01
ZZ75472		0.47	29.0	1.85	2.69	<0.05	0.05	0.14	0.030	0.06	5.7	9.6	0.15	93	1.54	<0.01
ZZ75473		0.58	51.5	2.59	3.19	<0.05	0.03	0.18	0.029	0.08	9.9	16.7	0.26	232	3.83	0.01
ZZ75474		0.83	16.6	1.31	2.90	<0.05	<0.02	0.11	0.017	0.04	4.8	0.7	0.02	31	5.77	0.01
ZZ75475		0.61	59.4	2.78	3.35	<0.05	0.09	0.19	0.031	0.13	7.5	15.7	0.36	487	4.31	<0.01
ZZ75476		0.19	43.7	1.14	0.91	0.07	0.05	0.14	0.012	0.02	5.0	1.4	0.14	433	4.90	0.01
ZZ75477		0.55	80.7	1.92	3.14	0.07	0.03	0.38	0.033	0.08	9.7	6.7	0.14	79	19.30	<0.01
ZZ75478		0.94	19.2	3.22	5.05	<0.05	0.02	0.02	0.028	0.06	8.0	13.0	0.22	201	3.52	<0.01
ZZ75479		1.11	10.2	1.94	5.49	<0.05	<0.02	0.03	0.015	0.06	12.7	7.6	0.12	105	1.72	<0.01
ZZ75480		1.03	56.9	2.24	1.81	0.06	0.03	0.21	0.034	0.11	7.5	8.9	0.17	257	2.86	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75456		0.91	16.9	470	15.1	12.4	0.001	0.02	0.48	3.2	1.0	0.7	30.0	<0.01	0.04	2.1
ZZ75457		0.22	34.6	550	22.1	7.4	0.001	0.05	0.38	7.3	0.9	0.4	35.7	<0.01	0.07	3.1
ZZ75458		0.32	31.0	540	12.4	8.7	0.001	0.09	0.49	5.0	1.0	0.4	61.5	<0.01	0.05	1.8
ZZ75459		0.14	37.1	540	18.5	6.8	0.001	0.02	0.31	7.9	0.6	0.4	23.6	<0.01	0.10	4.4
ZZ75460		0.32	30.5	590	13.4	6.9	<0.001	0.05	0.36	5.9	1.2	0.4	43.9	<0.01	0.07	2.4
ZZ75461		0.31	33.2	600	13.1	6.9	<0.001	0.04	0.40	6.0	1.0	0.4	40.9	<0.01	0.05	2.7
ZZ75462		0.30	31.7	610	14.7	6.5	<0.001	0.05	0.42	6.0	0.9	0.3	45.6	<0.01	0.06	2.1
ZZ75463		0.48	24.0	770	9.0	4.9	<0.001	0.13	0.44	0.8	0.6	0.3	120.5	<0.01	0.05	0.2
ZZ75464		1.16	18.5	320	15.8	8.1	<0.001	0.02	0.46	2.7	0.5	0.7	8.2	<0.01	0.06	3.1
ZZ75465		0.44	30.3	530	15.8	6.8	<0.001	0.03	0.54	3.4	0.6	0.3	26.8	<0.01	0.05	2.8
ZZ75466		0.81	34.6	690	20.9	8.9	0.001	0.03	0.51	5.8	0.9	0.4	16.8	0.01	0.04	5.4
ZZ75467		0.25	49.1	1090	11.5	6.6	0.003	0.06	1.48	4.5	4.7	0.4	46.3	<0.01	0.13	3.5
ZZ75468		0.16	27.2	1200	5.0	5.7	0.004	0.14	0.72	2.2	3.8	0.2	53.3	<0.01	0.14	0.9
ZZ75469		0.15	27.5	1130	10.4	7.0	0.010	0.08	0.89	2.9	4.6	0.4	75.5	<0.01	0.12	1.7
ZZ75470		0.13	101.0	890	11.8	6.7	0.004	0.04	1.98	4.4	7.0	0.4	50.0	<0.01	0.12	0.9
ZZ75471		0.12	27.8	710	11.4	6.9	0.004	0.08	1.03	4.6	4.2	0.3	71.9	<0.01	0.08	2.1
ZZ75472		0.32	31.5	560	13.1	7.1	0.007	0.16	0.86	3.9	7.1	0.4	86.5	<0.01	0.05	1.7
ZZ75473		0.41	57.3	810	12.7	7.5	0.002	0.05	1.31	4.3	2.0	0.4	68.8	<0.01	0.06	2.8
ZZ75474		0.27	13.1	800	10.0	4.4	0.001	0.09	0.71	0.3	2.5	0.6	8.5	<0.01	0.05	<0.2
ZZ75475		0.30	47.6	930	17.2	8.6	0.011	0.12	1.33	5.1	4.3	0.5	115.0	<0.01	0.07	3.3
ZZ75476		0.12	76.9	1030	2.9	2.4	0.016	0.27	2.91	1.9	13.6	<0.2	345	<0.01	0.02	0.4
ZZ75477		0.24	76.5	1440	10.7	7.6	0.010	0.12	8.72	4.3	20.4	0.6	123.0	<0.01	0.13	1.9
ZZ75478		0.64	21.1	390	16.5	11.2	<0.001	0.02	1.54	2.1	1.3	0.6	8.7	<0.01	0.07	2.4
ZZ75479		1.01	8.6	240	11.5	11.1	<0.001	0.02	0.48	1.5	0.8	0.8	7.3	<0.01	0.04	2.4
ZZ75480		0.27	40.9	750	14.8	10.0	0.002	0.06	1.37	4.0	5.0	0.3	45.3	<0.01	0.07	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155649

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ75456		0.018	0.12	1.22	51	0.20	9.78	73	0.8
ZZ75457		0.007	0.08	0.57	48	<0.05	12.75	104	2.7
ZZ75458		0.006	0.09	1.76	36	0.07	11.95	84	2.3
ZZ75459		0.006	0.08	0.45	54	<0.05	10.45	109	3.9
ZZ75460		0.008	0.07	1.02	43	0.07	10.95	93	2.1
ZZ75461		0.009	0.08	1.00	42	0.06	11.20	91	2.5
ZZ75462		0.008	0.09	0.86	40	0.06	12.45	98	2.2
ZZ75463		0.014	0.05	0.70	29	0.08	3.06	77	0.6
ZZ75464		0.021	0.14	0.52	64	0.22	2.56	50	1.7
ZZ75465		0.011	0.08	1.21	41	0.10	5.97	87	1.7
ZZ75466		0.012	0.12	2.38	41	0.13	10.20	56	4.1
ZZ75467		0.006	0.14	2.25	53	0.06	18.05	203	2.3
ZZ75468		<0.005	0.08	1.62	71	0.05	11.70	73	2.1
ZZ75469		<0.005	0.12	2.08	61	0.05	12.45	95	0.8
ZZ75470		<0.005	0.27	2.77	65	0.06	31.0	271	<0.5
ZZ75471		<0.005	0.14	3.20	51	<0.05	15.35	75	2.5
ZZ75472		<0.005	0.15	5.73	61	0.10	12.70	112	2.1
ZZ75473		0.013	0.16	2.17	58	0.11	15.05	183	1.3
ZZ75474		0.009	0.10	0.70	45	0.15	1.82	57	<0.5
ZZ75475		<0.005	0.22	2.85	71	0.05	14.00	196	3.5
ZZ75476		0.005	0.16	22.1	40	0.12	20.9	351	2.3
ZZ75477		<0.005	1.83	8.03	197	0.32	23.5	381	1.8
ZZ75478		0.011	0.21	0.47	95	0.11	2.37	126	0.9
ZZ75479		0.024	0.19	0.54	61	0.16	2.28	60	<0.5
ZZ75480		0.005	0.31	2.29	34	<0.05	19.35	167	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 16-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13155649

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

CERTIFICATE WH13157930

Project: Nadaleen
P.O. No.: SO13-15
This report is for 256 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method / Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ75481	0.22	0.006	0.71	1.00	8.4	<0.2	<10	610	0.83	0.28	0.25	0.77	19.00	5.9	16
ZZ75482	0.28	0.004	0.47	0.94	5.7	<0.2	<10	450	0.47	0.21	0.23	0.67	16.15	4.7	17
ZZ75483	0.18	0.004	0.67	1.42	11.2	<0.2	<10	770	1.01	0.24	0.60	4.91	24.7	33.9	25
ZZ75484	0.27	0.005	1.81	0.88	17.4	<0.2	<10	1700	0.79	0.18	0.93	5.55	13.90	8.7	29
ZZ75485	0.26	0.001	0.31	0.52	8	<0.2	<10	190	0.83	0.13	11.35	0.99	32.7	8.2	17
ZZ75486	0.25	0.002	0.29	0.42	51	<0.2	<10	300	0.75	0.11	11.10	0.37	25.0	6.3	18
ZZ75487	0.33	0.002	0.07	2.27	18.9	<0.2	<10	610	1.06	0.27	0.11	0.30	34.3	14.5	34
ZZ75488	0.25	0.002	0.06	0.91	3.5	<0.2	10	640	1.47	0.15	5.58	0.18	33.9	11.7	16
ZZ75489	0.14	0.002	0.06	0.63	1.8	<0.2	10	520	0.77	0.09	3.75	0.25	15.35	5.8	9
ZZ75490	0.28	0.002	0.20	1.22	8.5	<0.2	<10	370	0.81	0.22	1.53	0.58	32.2	7.8	19
ZZ75491	0.43	0.002	0.26	1.58	12.7	<0.2	<10	390	1.39	0.32	0.38	1.19	26.5	13.6	30
ZZ75492	0.33	0.002	0.18	1.98	10.8	<0.2	<10	280	1.47	0.29	0.39	0.56	45.9	18.5	32
ZZ75493	0.32	0.002	0.26	1.26	13.6	<0.2	<10	280	1.33	0.31	0.33	0.84	27.6	16.0	26
ZZ75494	0.25	0.003	0.24	1.39	9.2	<0.2	<10	430	1.30	0.25	1.05	0.38	17.35	9.3	26
ZZ75495	0.25	0.002	0.16	1.36	6.1	<0.2	<10	240	0.74	0.19	1.56	0.67	18.90	11.0	23
ZZ75496	0.49	0.002	0.13	1.71	9.7	<0.2	<10	230	0.83	0.25	0.52	0.54	30.4	18.4	28
ZZ75497	0.34	0.001	0.06	1.57	15.5	<0.2	<10	160	1.40	0.40	0.20	0.55	22.5	18.7	30
ZZ75498	0.27	0.003	0.22	1.36	10.5	<0.2	<10	440	1.73	0.29	1.28	0.66	18.80	11.1	27
ZZ75499	0.18	0.003	0.26	1.29	4.7	<0.2	<10	410	1.46	0.24	2.05	0.83	17.30	7.1	25
ZZ75500	0.24	0.001	0.01	1.16	10.4	<0.2	<10	140	0.29	0.30	0.13	0.20	18.75	5.4	21
ZZ81388	0.28	0.002	0.03	1.80	20.2	<0.2	<10	110	0.73	0.33	0.05	0.31	13.70	15.5	32
ZZ81389	0.37	0.003	0.21	1.75	7.7	<0.2	<10	280	1.11	0.27	0.53	0.53	26.2	15.3	30
ZZ81390	0.33	0.003	0.18	1.85	8.2	<0.2	<10	390	1.06	0.27	1.13	0.42	22.9	12.5	30
ZZ81391	0.33	0.003	0.21	1.47	10.0	<0.2	<10	390	0.85	0.23	1.71	0.76	21.7	10.7	25
ZZ81392	0.28	0.003	0.24	1.47	12.6	<0.2	<10	340	1.03	0.25	1.36	1.26	24.0	14.3	25
ZZ81393	0.31	0.003	0.15	1.75	9.3	<0.2	<10	320	0.95	0.26	0.76	0.54	26.9	16.6	29
ZZ81394	0.38	0.003	0.16	1.76	10.3	<0.2	<10	240	0.85	0.28	1.39	0.64	32.8	16.2	30
ZZ81395	0.33	0.002	0.18	1.39	10.5	<0.2	<10	260	0.49	0.23	0.05	0.38	19.85	8.3	24
ZZ81396	0.29	0.003	0.88	0.75	24.1	<0.2	<10	2120	0.50	0.14	1.05	0.65	11.05	4.2	19
ZZ81397	0.19	0.005	1.33	0.83	10.7	<0.2	<10	2220	0.46	0.16	0.99	0.54	10.25	5.8	26
ZZ81398	0.22	0.005	1.45	0.81	12.8	<0.2	<10	1800	0.44	0.17	1.41	0.72	8.00	5.3	25
ZZ81399	0.38	0.005	1.59	0.99	10.2	<0.2	<10	2270	0.49	0.19	0.52	1.11	11.85	3.6	29
ZZ81400	0.30	0.002	0.21	0.66	7.4	<0.2	<10	220	0.37	0.18	0.01	0.19	2.11	3.9	16
ZZ81401	0.33	0.006	2.99	0.58	47.9	<0.2	10	2190	0.64	0.19	0.75	1.61	5.49	8.7	46
ZZ81402	0.34	0.007	5.79	0.72	29.3	<0.2	<10	2710	0.72	0.19	0.94	9.83	11.20	6.9	54
ZZ81403	0.25	0.005	1.22	0.75	17.8	<0.2	10	1970	0.57	0.17	1.25	1.08	5.30	5.7	28
ZZ81404	0.48	0.004	1.04	1.30	15.7	<0.2	<10	1100	0.88	0.25	0.99	6.84	20.6	11.3	26
ZZ81405	0.39	0.005	1.91	1.03	17.2	<0.2	<10	1950	0.71	0.22	0.91	4.75	13.60	8.0	33
ZZ81406	0.26	0.005	0.50	1.37	14.4	<0.2	<10	450	0.92	0.28	0.36	1.05	25.6	14.4	26
ZZ81407	0.29	0.008	2.23	1.66	10.8	<0.2	<10	660	2.22	0.22	1.34	4.97	26.8	14.3	26

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ75481		0.62	59.4	2.06	3.29	0.06	0.04	0.25	0.041	0.09	7.7	10.3	0.19	143	2.08	<0.01
ZZ75482		0.75	28.9	2.66	3.35	<0.05	0.02	0.19	0.024	0.08	7.2	12.1	0.24	178	3.09	<0.01
ZZ75483		0.81	60.6	3.34	4.18	0.05	0.05	0.20	0.036	0.11	10.5	19.2	0.41	2500	4.80	<0.01
ZZ75484		0.55	55.2	2.47	2.74	0.05	0.04	0.27	0.035	0.08	7.6	10.5	0.21	341	8.37	<0.01
ZZ75485		0.26	21.8	2.20	1.53	0.06	0.03	0.05	0.019	0.10	18.5	2.8	4.32	241	3.58	0.01
ZZ75486		0.38	23.3	1.93	1.27	0.05	0.05	2.36	0.016	0.09	16.6	2.4	5.33	202	4.11	0.01
ZZ75487		1.56	32.8	4.21	5.92	0.05	0.05	0.07	0.039	0.10	14.3	31.0	0.65	374	1.63	<0.01
ZZ75488		0.68	17.8	3.40	2.45	0.06	0.07	0.04	0.044	0.15	13.9	8.5	0.46	458	1.03	<0.01
ZZ75489		0.57	14.3	1.71	1.50	<0.05	0.07	0.06	0.022	0.12	6.3	4.6	0.41	231	0.65	<0.01
ZZ75490		0.92	18.6	2.57	3.74	<0.05	0.04	0.06	0.026	0.08	10.8	24.6	0.30	358	2.64	<0.01
ZZ75491		1.29	43.9	4.07	4.25	0.07	0.05	0.06	0.032	0.11	13.2	27.6	0.56	859	3.47	<0.01
ZZ75492		1.40	30.7	3.82	4.96	0.07	0.05	0.04	0.036	0.10	19.5	28.9	0.60	846	1.43	<0.01
ZZ75493		1.87	78.1	3.55	3.91	0.07	0.07	0.07	0.029	0.11	13.6	20.8	0.50	1320	3.45	<0.01
ZZ75494		1.76	63.0	2.99	4.04	<0.05	0.07	0.09	0.025	0.09	10.1	22.6	0.56	491	1.37	<0.01
ZZ75495		0.86	41.8	3.12	3.77	0.05	0.07	0.16	0.025	0.10	9.1	20.9	0.80	474	1.26	<0.01
ZZ75496		0.77	48.1	4.15	5.16	0.05	0.07	0.07	0.033	0.09	13.1	27.7	0.83	1160	1.48	<0.01
ZZ75497		2.15	57.2	4.22	4.70	<0.05	0.03	0.02	0.040	0.10	7.7	22.7	0.42	2050	4.97	0.01
ZZ75498		1.77	77.6	2.91	4.02	<0.05	0.07	0.09	0.029	0.10	8.7	21.1	0.47	1030	1.83	0.01
ZZ75499		1.46	76.0	2.04	3.71	<0.05	0.06	0.12	0.029	0.08	8.6	20.1	0.47	228	0.47	0.01
ZZ75500		1.15	13.9	3.13	6.59	<0.05	0.02	0.04	0.024	0.06	9.2	9.1	0.18	245	1.95	<0.01
ZZ81388		1.13	45.7	4.98	5.35	<0.05	0.04	0.04	0.042	0.07	5.9	28.2	0.49	572	2.40	0.01
ZZ81389		0.94	68.4	3.86	5.38	0.06	0.09	0.11	0.036	0.13	11.6	29.9	0.79	257	1.16	0.01
ZZ81390		0.81	55.3	3.59	5.42	0.05	0.07	0.13	0.033	0.10	11.7	27.1	0.71	598	1.10	<0.01
ZZ81391		0.74	41.6	3.14	4.29	<0.05	0.06	0.09	0.027	0.09	11.2	19.2	0.63	597	1.86	0.01
ZZ81392		0.86	57.8	3.69	4.40	0.06	0.06	0.11	0.033	0.11	13.3	20.1	0.59	980	2.59	<0.01
ZZ81393		0.64	59.0	4.06	5.40	0.05	0.07	0.09	0.034	0.09	12.1	28.6	0.82	543	1.02	<0.01
ZZ81394		1.05	60.5	3.86	5.38	0.06	0.11	0.11	0.030	0.12	15.2	30.2	1.10	558	1.07	0.01
ZZ81395		1.15	13.2	3.11	5.36	<0.05	0.04	0.03	0.028	0.08	9.5	17.0	0.24	440	2.68	<0.01
ZZ81396		0.42	27.6	3.13	2.17	<0.05	0.04	0.14	0.019	0.05	5.2	4.6	0.11	169	4.39	<0.01
ZZ81397		0.35	29.0	1.95	2.39	<0.05	0.04	0.15	0.023	0.06	4.9	6.0	0.15	216	4.99	<0.01
ZZ81398		0.47	27.5	1.95	2.34	<0.05	0.05	0.17	0.025	0.06	4.1	5.9	0.15	257	5.40	<0.01
ZZ81399		0.50	31.2	1.88	2.81	<0.05	0.04	0.17	0.030	0.07	5.6	7.1	0.17	73	3.45	<0.01
ZZ81400		0.68	24.0	2.53	1.48	<0.05	0.04	0.03	0.029	0.04	0.9	5.6	0.03	82	3.22	<0.01
ZZ81401		0.58	64.2	3.81	1.40	0.07	0.14	0.39	0.039	0.08	3.3	3.4	0.07	99	15.00	<0.01
ZZ81402		0.36	78.6	2.94	1.96	0.08	0.04	0.34	0.033	0.08	6.5	5.2	0.13	205	17.85	<0.01
ZZ81403		0.39	52.8	2.58	1.80	<0.05	0.07	0.23	0.034	0.06	2.6	4.7	0.13	170	5.36	<0.01
ZZ81404		0.70	59.0	3.37	3.80	0.05	0.07	0.16	0.036	0.14	9.3	17.0	0.52	431	6.34	0.01
ZZ81405		0.52	52.4	2.93	3.04	0.05	0.06	0.20	0.033	0.10	6.5	11.0	0.28	526	5.64	<0.01
ZZ81406		0.65	69.5	3.82	4.17	0.06	0.07	0.19	0.029	0.11	11.5	20.4	0.57	632	4.02	0.01
ZZ81407		0.72	263	3.24	4.01	0.11	0.08	0.51	0.036	0.13	16.6	16.8	0.44	691	3.95	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ75481	0.43	29.5	490	17.4	10.5	0.001	0.07	1.19	4.2	7.6	0.5	29.9	<0.01	0.07	3.6
ZZ75482	0.36	22.2	550	13.8	10.5	0.001	0.04	0.74	2.8	3.1	0.4	25.5	<0.01	0.05	3.1
ZZ75483	0.30	75.2	930	18.7	10.7	0.003	0.05	1.69	5.2	3.9	0.4	41.2	<0.01	0.07	3.0
ZZ75484	0.16	65.4	1260	13.2	7.8	0.013	0.09	2.67	4.2	5.7	0.4	86.3	<0.01	0.10	1.7
ZZ75485	0.13	31.4	320	11.7	5.8	<0.001	0.02	0.85	3.6	1.5	0.3	80.7	<0.01	0.02	2.9
ZZ75486	0.12	27.0	880	8.9	4.9	0.001	0.03	1.36	2.6	1.3	0.3	92.0	<0.01	0.04	1.9
ZZ75487	0.48	40.5	360	16.0	11.8	<0.001	0.02	0.52	4.3	0.8	0.5	13.2	<0.01	0.05	3.6
ZZ75488	0.39	31.3	700	11.0	8.5	<0.001	0.07	0.24	4.5	0.9	0.5	242	<0.01	0.02	1.6
ZZ75489	0.27	16.5	680	6.2	6.5	<0.001	0.12	0.24	1.9	1.0	0.3	220	<0.01	0.01	0.5
ZZ75490	0.69	20.9	520	17.3	10.3	<0.001	0.06	0.86	2.3	1.1	0.5	66.6	<0.01	0.03	1.0
ZZ75491	0.41	41.6	780	25.1	9.2	<0.001	0.02	1.14	5.1	1.6	0.5	22.9	<0.01	0.07	4.1
ZZ75492	0.52	35.4	750	22.3	12.3	<0.001	0.01	0.61	4.5	1.1	0.6	17.1	<0.01	0.04	4.5
ZZ75493	0.29	36.7	820	20.9	8.6	0.001	0.01	1.01	6.0	1.4	0.6	20.2	<0.01	0.05	5.5
ZZ75494	0.63	24.8	700	12.7	8.8	0.001	0.05	0.65	4.3	1.5	0.5	45.9	<0.01	0.04	2.4
ZZ75495	0.27	27.8	730	12.9	10.0	0.004	0.10	0.51	4.1	2.0	0.3	56.8	<0.01	0.04	1.3
ZZ75496	0.23	33.7	530	20.9	6.6	<0.001	0.02	0.47	6.7	0.8	0.4	25.2	<0.01	0.06	3.6
ZZ75497	0.52	34.0	740	22.7	9.4	<0.001	0.02	1.04	3.2	0.9	0.6	14.1	<0.01	0.06	3.4
ZZ75498	0.55	25.1	740	18.3	12.0	0.002	0.07	0.64	4.8	1.4	0.6	52.5	<0.01	0.05	1.7
ZZ75499	0.63	20.2	750	16.2	8.9	0.003	0.18	0.65	4.3	2.4	0.5	76.6	<0.01	0.03	1.4
ZZ75500	0.88	11.7	290	12.5	9.8	<0.001	0.01	0.52	1.9	0.7	0.8	9.5	<0.01	0.05	2.4
ZZ81388	0.42	33.1	600	25.0	11.4	<0.001	0.02	0.72	3.7	1.2	0.6	10.9	<0.01	0.07	2.4
ZZ81389	0.32	35.5	730	18.8	8.8	0.001	0.03	0.49	6.7	1.4	0.5	28.4	<0.01	0.06	4.1
ZZ81390	0.43	29.9	730	16.3	8.8	0.001	0.07	0.51	5.2	1.6	0.5	47.1	<0.01	0.06	1.6
ZZ81391	0.46	28.6	880	20.3	8.2	<0.001	0.08	0.80	3.9	1.5	0.4	60.0	<0.01	0.05	1.1
ZZ81392	0.31	35.0	620	28.4	8.9	0.001	0.06	0.83	5.8	1.5	0.4	52.5	<0.01	0.06	1.5
ZZ81393	0.31	33.7	530	20.9	7.4	0.001	0.03	0.43	6.8	1.4	0.4	31.4	<0.01	0.07	2.9
ZZ81394	0.35	35.5	790	20.1	8.3	<0.001	0.01	0.50	6.8	0.9	0.5	45.5	<0.01	0.06	5.0
ZZ81395	0.79	19.5	620	15.8	14.2	<0.001	0.01	0.69	2.2	1.1	0.6	10.4	<0.01	0.05	3.2
ZZ81396	0.28	24.8	1640	8.6	6.2	0.005	0.12	0.97	2.7	4.4	0.3	79.7	<0.01	0.05	1.7
ZZ81397	0.25	34.9	1160	9.5	5.9	0.005	0.08	0.88	3.1	3.2	0.4	84.5	<0.01	0.09	1.6
ZZ81398	0.23	27.5	950	9.1	6.6	0.006	0.10	0.76	3.1	3.1	0.4	76.7	<0.01	0.07	1.2
ZZ81399	0.25	28.9	930	10.6	7.7	0.004	0.09	0.73	3.6	3.5	0.4	57.0	<0.01	0.10	1.7
ZZ81400	0.18	30.7	300	11.6	8.6	0.003	0.01	0.67	1.7	1.7	0.3	2.8	<0.01	0.12	1.0
ZZ81401	<0.05	169.0	1240	11.7	4.7	0.006	0.14	1.76	8.5	8.7	0.4	187.5	<0.01	0.10	2.7
ZZ81402	0.09	124.0	1750	11.4	5.4	0.006	0.08	3.57	6.5	7.0	0.4	147.0	<0.01	0.10	1.5
ZZ81403	0.10	77.6	1060	10.1	4.6	0.013	0.11	1.27	4.5	5.7	0.3	137.5	<0.01	0.09	1.4
ZZ81404	0.25	52.8	1160	19.2	8.5	0.002	0.05	2.14	5.2	3.0	0.4	67.2	<0.01	0.08	3.6
ZZ81405	0.21	61.8	1010	13.8	7.3	0.007	0.09	1.59	4.5	4.6	0.4	91.6	<0.01	0.18	2.1
ZZ81406	0.20	51.3	920	20.7	6.6	0.001	0.05	1.77	5.4	2.0	0.4	40.8	<0.01	0.06	4.6
ZZ81407	0.28	149.0	1040	13.2	9.7	0.002	0.07	1.67	9.0	5.5	0.5	47.1	<0.01	0.08	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ75481		0.005	0.26	2.51	59	0.11	17.00	70	1.3
ZZ75482		0.005	0.21	1.09	58	0.15	7.30	82	0.9
ZZ75483		0.005	0.29	2.68	93	0.07	22.6	431	1.4
ZZ75484		<0.005	0.39	3.84	164	0.10	21.7	439	1.5
ZZ75485		<0.005	0.35	1.33	74	0.06	19.50	123	1.0
ZZ75486		<0.005	0.47	2.90	39	0.05	16.05	55	1.8
ZZ75487		0.008	0.18	0.73	65	0.09	6.85	108	2.1
ZZ75488		<0.005	0.15	0.79	22	0.08	10.10	65	3.7
ZZ75489		<0.005	0.11	1.27	13	<0.05	5.37	75	2.9
ZZ75490		0.011	0.13	1.03	65	0.14	6.50	104	1.3
ZZ75491		0.011	0.15	1.25	78	0.15	13.30	188	1.5
ZZ75492		0.009	0.14	1.08	56	0.13	12.85	113	1.6
ZZ75493		0.012	0.13	1.23	49	0.10	15.25	152	3.2
ZZ75494		0.015	0.10	2.15	45	0.14	12.15	111	2.1
ZZ75495		0.008	0.10	0.79	40	0.06	9.63	156	2.1
ZZ75496		0.007	0.10	0.74	52	<0.05	10.10	161	2.3
ZZ75497		0.011	0.14	0.92	58	0.16	5.56	172	0.9
ZZ75498		0.010	0.14	4.41	46	0.11	15.55	129	1.8
ZZ75499		0.010	0.12	4.99	42	0.10	14.15	115	2.2
ZZ75500		0.013	0.12	0.38	78	0.12	1.99	76	0.7
ZZ81388		0.005	0.20	0.48	59	0.07	3.66	129	1.1
ZZ81389		0.009	0.12	0.73	54	0.05	11.80	139	3.6
ZZ81390		0.009	0.12	3.27	53	0.06	12.95	125	1.8
ZZ81391		0.012	0.14	1.91	51	0.08	11.70	171	1.5
ZZ81392		0.007	0.17	1.17	57	0.05	18.25	218	1.7
ZZ81393		0.008	0.10	1.01	48	0.05	11.70	152	2.1
ZZ81394		0.023	0.14	0.61	51	0.08	11.55	166	4.6
ZZ81395		0.014	0.21	0.90	74	0.11	2.84	128	1.9
ZZ81396		0.005	0.12	1.62	46	0.08	11.25	86	1.5
ZZ81397		<0.005	0.10	1.98	61	0.07	12.95	119	1.6
ZZ81398		<0.005	0.12	2.00	59	0.11	12.20	117	1.9
ZZ81399		<0.005	0.18	2.02	57	0.06	13.45	101	1.7
ZZ81400		<0.005	0.18	0.40	44	<0.05	2.01	122	1.9
ZZ81401		<0.005	0.22	3.77	60	<0.05	35.4	483	7.8
ZZ81402		<0.005	0.33	3.59	125	0.13	35.8	507	1.8
ZZ81403		<0.005	0.15	3.74	71	<0.05	17.05	290	2.7
ZZ81404		0.006	0.39	1.59	121	0.07	14.30	255	3.0
ZZ81405		<0.005	0.21	3.08	76	0.10	17.15	240	2.5
ZZ81406		0.008	0.26	1.37	68	<0.05	14.10	207	3.9
ZZ81407		0.005	0.30	7.22	94	0.07	81.8	625	2.2

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ81408		0.30	0.003	1.17	0.79	4.5	<0.2	<10	740	0.49	0.20	1.54	3.30	11.65	4.3	12
ZZ81409		0.36	0.002	3.32	1.36	6.9	<0.2	<10	230	0.58	0.25	0.06	0.94	21.0	2.8	16
ZZ81410		0.38	0.001	0.27	0.65	10.6	<0.2	<10	50	0.12	0.32	0.03	0.12	21.5	2.3	11
ZZ81411		0.32	0.004	0.47	0.67	9.8	<0.2	<10	70	0.14	0.32	0.03	0.15	22.1	2.5	11
ZZ81412		0.25	0.005	3.11	0.97	9.7	<0.2	<10	170	0.32	0.34	0.06	0.64	18.05	5.8	18
ZZ81413		0.24	0.004	1.57	0.74	2.7	<0.2	<10	190	0.31	0.21	0.17	0.92	18.40	1.8	14
ZZ81414		0.47	0.003	0.43	1.92	9.1	<0.2	<10	260	1.09	0.31	0.50	1.05	30.0	19.7	29
ZZ81415		0.56	0.003	0.28	1.76	11.7	<0.2	<10	260	1.12	0.28	0.67	1.41	29.1	16.2	29
ZZ81416		0.40	0.004	0.86	1.54	17.2	<0.2	<10	450	1.12	0.27	0.99	3.39	23.5	12.0	30
ZZ81417		0.31	0.003	0.87	1.23	93.2	<0.2	<10	560	0.98	0.26	1.60	3.35	22.0	10.9	32
ZZ81418		0.17	0.002	0.28	0.76	89.9	<0.2	<10	260	0.50	0.16	5.02	2.64	14.05	5.4	20
ZZ81419		0.32	0.002	0.33	1.70	117.5	<0.2	<10	280	1.17	0.32	1.64	1.80	36.7	9.4	37
ZZ81420		0.28	0.002	0.30	1.26	54.3	<0.2	<10	170	0.94	0.23	3.54	0.57	23.9	10.2	24
ZZ81421		0.30	0.003	0.25	1.79	35.8	<0.2	<10	280	1.32	0.25	5.69	0.46	42.1	7.8	29
ZZ81422		0.36	0.003	0.07	1.76	11.0	<0.2	<10	240	1.08	0.33	0.24	0.45	32.9	18.3	28
ZZ81423		0.41	0.003	0.13	1.70	9.1	<0.2	<10	260	1.09	0.29	1.03	0.40	19.90	13.7	27
ZZ81424		0.35	0.002	0.18	1.70	8.6	<0.2	<10	320	1.07	0.28	1.24	0.46	21.5	12.7	28
ZZ81425		0.43	0.002	0.05	1.35	7.0	<0.2	<10	130	0.84	0.24	0.28	0.16	19.95	12.9	21
ZZ81426		0.27	0.002	0.06	1.19	5.1	<0.2	<10	240	1.57	0.20	1.63	0.15	33.9	12.4	19
ZZ81427		0.32	0.002	0.10	1.57	7.5	<0.2	<10	280	1.29	0.26	1.30	0.17	24.8	14.2	25
ZZ81428		0.33	0.001	0.02	2.03	8.2	<0.2	<10	170	0.95	0.30	0.38	0.13	27.9	14.9	30
ZZ81429		0.33	0.001	0.05	1.42	9.1	<0.2	<10	260	0.50	0.29	0.23	0.27	28.6	7.3	22
ZZ81430		0.36	0.003	0.08	2.08	12.0	<0.2	<10	280	1.11	0.31	0.18	0.21	40.2	18.2	33
ZZ81431		0.38	0.003	0.10	1.76	8.1	<0.2	<10	170	1.20	0.32	0.92	0.33	28.2	19.0	27
ZZ81432		0.44	0.002	0.12	1.74	7.8	<0.2	<10	170	1.11	0.30	0.95	0.34	26.0	17.1	27
ZZ81433		0.34	0.002	0.10	1.79	7.7	<0.2	<10	140	1.02	0.30	0.65	0.16	26.2	14.7	28
ZZ81434		0.35	0.003	0.12	1.97	7.3	<0.2	<10	230	0.96	0.26	1.04	0.24	26.0	14.3	31
ZZ81435		0.38	0.004	0.14	1.81	7.9	<0.2	<10	240	0.91	0.27	0.81	0.36	30.6	16.2	31
ZZ81436		0.35	0.118	0.09	1.83	9.5	<0.2	<10	180	0.86	0.27	0.63	0.25	27.9	15.8	29
ZZ81437		0.41	0.003	0.09	2.01	9.2	<0.2	<10	190	0.96	0.28	0.65	0.31	32.3	20.8	31
ZZ81438		0.34	0.003	0.20	1.67	9.5	<0.2	<10	380	0.90	0.26	1.10	0.55	29.1	13.8	30
ZZ81439		0.28	0.004	0.10	1.22	7.7	<0.2	<10	230	0.57	0.20	2.33	0.33	18.35	10.5	20
ZZ81440		0.41	0.007	0.15	1.71	9.0	<0.2	<10	230	0.91	0.25	0.87	0.29	26.8	14.6	28
ZZ81441		0.34	0.004	0.70	1.33	18.7	<0.2	<10	2710	0.84	0.27	0.21	0.85	17.45	9.6	31
ZZ81442		0.29	0.001	0.74	0.57	9.4	<0.2	<10	840	0.27	0.17	0.71	2.32	8.85	3.5	15
ZZ81443		0.25	0.003	0.68	0.74	4.9	<0.2	<10	1400	0.46	0.13	2.84	0.67	10.60	4.5	15
ZZ81444		0.29	0.002	0.33	0.55	4.1	<0.2	<10	1460	0.26	0.09	3.97	0.38	6.53	3.0	10
ZZ81445		0.23	0.001	1.34	0.58	5.2	<0.2	<10	1860	0.54	0.13	1.78	4.29	12.05	5.1	12
ZZ81446		0.25	0.003	0.80	0.72	7.5	<0.2	10	1490	0.49	0.12	3.43	0.74	7.80	4.9	17
ZZ81447		0.22	0.002	0.55	0.68	6.3	<0.2	10	1140	0.42	0.11	2.78	0.80	7.86	4.3	17

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81408		1.53	51.6	1.46	2.44	<0.05	0.02	0.18	0.033	0.08	5.0	2.8	0.14	161	1.59	0.01
ZZ81409		1.06	13.9	1.97	5.47	<0.05	<0.02	0.08	0.019	0.06	10.2	6.9	0.11	151	1.66	<0.01
ZZ81410		1.23	10.2	2.14	5.94	<0.05	<0.02	<0.01	0.012	0.05	11.1	2.3	0.08	112	2.24	0.01
ZZ81411		1.16	9.0	1.86	6.12	<0.05	<0.02	0.02	0.012	0.04	11.5	2.3	0.08	96	1.90	0.01
ZZ81412		1.77	20.2	2.14	5.14	0.05	<0.02	0.43	0.026	0.06	9.0	15.9	0.19	262	1.71	0.01
ZZ81413		1.97	26.5	0.85	3.16	0.05	<0.02	0.35	0.023	0.05	8.5	6.6	0.16	31	0.44	0.01
ZZ81414		1.61	65.5	4.28	5.72	0.07	0.04	0.22	0.046	0.12	12.8	33.9	0.79	694	2.16	0.01
ZZ81415		1.20	72.1	4.00	5.42	0.08	0.10	0.23	0.037	0.13	14.5	28.6	0.84	665	3.76	0.01
ZZ81416		0.91	65.7	3.03	4.47	0.06	0.09	0.34	0.040	0.10	11.7	22.8	0.54	269	2.85	0.01
ZZ81417		0.87	43.5	2.80	3.70	0.05	0.06	0.44	0.032	0.07	15.1	19.4	0.49	513	4.86	0.01
ZZ81418		0.58	25.5	1.51	2.34	<0.05	0.03	1.14	0.018	0.03	8.3	5.7	0.48	711	1.92	0.01
ZZ81419		1.40	12.9	2.74	5.51	0.06	0.02	2.20	0.051	0.03	24.0	11.6	0.33	361	15.05	0.01
ZZ81420		0.63	26.3	2.73	3.67	0.05	0.05	0.16	0.030	0.07	14.1	14.6	1.70	480	3.74	0.01
ZZ81421		1.39	16.4	2.69	3.68	0.07	0.08	1.26	0.033	0.08	22.7	15.4	2.95	258	5.00	0.02
ZZ81422		1.12	47.1	3.96	5.73	0.06	0.04	0.04	0.036	0.08	14.5	29.2	0.66	817	2.35	0.01
ZZ81423		0.99	50.7	3.81	5.05	0.06	0.08	0.07	0.035	0.11	9.8	28.2	0.70	807	1.12	0.01
ZZ81424		0.91	46.7	3.33	5.01	0.06	0.06	0.08	0.031	0.09	10.6	28.5	0.64	744	1.13	0.01
ZZ81425		0.97	36.5	3.14	4.07	0.06	0.07	0.02	0.023	0.08	8.8	29.2	0.62	383	0.83	0.02
ZZ81426		0.76	20.2	3.64	3.18	0.07	0.08	0.04	0.045	0.13	15.6	18.0	0.41	397	1.02	0.01
ZZ81427		1.08	46.6	3.71	4.58	0.06	0.08	0.07	0.036	0.12	12.6	27.6	0.74	439	1.05	0.01
ZZ81428		0.80	49.7	4.26	6.32	0.05	0.07	0.03	0.036	0.08	12.6	35.3	0.82	511	0.72	0.01
ZZ81429		1.07	12.2	2.79	5.95	<0.05	0.02	0.01	0.030	0.05	13.9	22.8	0.33	249	1.27	0.01
ZZ81430		1.22	39.2	3.98	5.93	0.07	0.06	0.04	0.039	0.07	20.0	33.7	0.68	691	0.99	0.01
ZZ81431		1.23	57.8	4.12	5.29	0.07	0.12	0.06	0.031	0.11	13.0	38.1	0.89	838	0.88	0.01
ZZ81432		1.17	58.3	3.90	5.20	0.06	0.10	0.07	0.033	0.12	12.2	35.7	0.78	587	0.90	0.01
ZZ81433		0.94	54.5	4.03	5.35	0.06	0.09	0.05	0.031	0.09	12.8	36.0	0.83	433	0.83	0.01
ZZ81434		0.87	61.7	3.93	5.98	0.06	0.07	0.08	0.034	0.11	12.2	33.2	0.93	406	0.56	0.01
ZZ81435		0.87	69.5	3.87	5.76	0.07	0.08	0.10	0.036	0.09	14.5	35.1	0.98	517	0.55	0.01
ZZ81436		0.82	59.4	4.18	5.70	0.06	0.08	0.05	0.034	0.08	13.1	32.9	0.96	518	0.65	0.01
ZZ81437		0.84	71.3	4.59	6.49	0.08	0.08	0.07	0.035	0.10	14.5	37.8	1.09	834	0.59	0.01
ZZ81438		0.80	56.1	3.76	5.28	0.06	0.07	0.08	0.035	0.08	14.0	30.2	0.78	347	0.65	0.01
ZZ81439		0.55	32.4	2.78	3.60	0.05	0.04	0.05	0.023	0.06	8.0	20.0	0.60	663	0.59	0.01
ZZ81440		0.73	53.9	3.76	5.37	0.06	0.06	0.09	0.034	0.08	13.2	32.0	0.84	485	0.66	0.01
ZZ81441		0.90	47.5	3.12	3.55	0.05	0.03	0.10	0.040	0.08	8.7	16.5	0.25	266	4.68	0.01
ZZ81442		0.42	16.8	1.51	2.37	<0.05	<0.02	0.02	0.019	0.06	4.8	3.5	0.07	160	5.98	0.01
ZZ81443		0.43	25.8	1.27	1.91	<0.05	0.04	0.11	0.020	0.05	7.9	4.5	0.09	102	1.27	0.01
ZZ81444		0.32	15.2	0.88	1.52	<0.05	0.03	0.07	0.010	0.03	3.5	4.1	0.12	320	1.02	0.01
ZZ81445		0.51	26.3	1.10	1.63	<0.05	0.02	0.13	0.016	0.04	7.3	1.9	0.04	368	1.65	<0.01
ZZ81446		0.45	29.1	1.41	2.04	<0.05	0.06	0.13	0.022	0.06	4.9	5.9	0.13	201	1.48	<0.01
ZZ81447		0.45	22.1	1.23	1.90	<0.05	0.05	0.13	0.020	0.05	5.8	5.9	0.13	211	1.00	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81408		0.36	26.2	930	13.0	11.7	0.001	0.12	0.96	2.8	4.0	0.4	95.7	<0.01	0.04	1.1
ZZ81409		0.82	8.7	390	12.9	11.8	<0.001	0.01	0.51	1.7	0.7	0.7	7.8	<0.01	0.02	1.7
ZZ81410		1.38	9.1	370	10.5	11.5	<0.001	0.01	0.87	1.3	0.7	0.8	5.3	<0.01	0.04	2.0
ZZ81411		1.43	7.2	270	12.3	9.3	<0.001	<0.01	0.69	1.3	0.5	0.8	6.2	<0.01	0.04	2.0
ZZ81412		1.12	21.7	600	17.4	12.7	<0.001	0.03	0.63	1.9	2.3	0.6	11.0	<0.01	0.04	1.5
ZZ81413		0.63	15.5	580	10.7	11.1	<0.001	0.07	0.39	2.2	2.8	0.4	17.0	<0.01	0.01	1.3
ZZ81414		0.39	47.2	710	18.4	10.0	<0.001	0.03	0.78	6.1	1.6	0.4	33.2	<0.01	0.07	3.7
ZZ81415		0.32	48.7	720	18.4	9.6	0.001	0.02	1.20	7.8	1.7	0.4	34.8	<0.01	0.08	4.7
ZZ81416		0.32	48.1	810	18.1	10.3	0.007	0.08	1.60	6.5	4.0	0.4	53.2	<0.01	0.07	3.1
ZZ81417		0.45	69.8	670	15.7	8.0	0.008	0.05	1.73	4.2	2.6	0.4	34.9	<0.01	0.06	2.1
ZZ81418		0.59	34.8	870	8.9	4.4	0.001	0.11	1.74	0.8	1.9	0.3	38.7	<0.01	0.02	0.2
ZZ81419		1.14	47.5	970	22.8	5.8	<0.001	0.05	1.95	2.6	1.0	1.3	22.3	0.01	0.06	0.8
ZZ81420		0.58	30.2	640	14.5	6.9	<0.001	0.05	1.20	3.0	1.0	0.4	37.5	<0.01	0.04	1.2
ZZ81421		0.63	28.5	1840	15.1	10.3	<0.001	0.03	0.95	6.1	1.0	0.5	56.2	<0.01	0.07	3.4
ZZ81422		0.44	36.9	460	23.3	10.8	<0.001	0.01	0.66	5.4	0.9	0.5	17.8	<0.01	0.05	4.5
ZZ81423		0.43	31.1	540	17.7	9.3	<0.001	0.03	0.47	6.1	0.9	0.5	44.4	<0.01	0.05	3.0
ZZ81424		0.57	28.8	710	16.2	9.3	<0.001	0.06	0.50	4.8	1.6	0.5	52.1	<0.01	0.04	1.9
ZZ81425		0.24	26.0	330	12.8	6.0	<0.001	0.05	0.34	4.1	0.5	0.3	16.2	<0.01	0.04	3.7
ZZ81426		0.46	31.6	490	13.0	9.3	<0.001	0.05	0.27	4.9	0.5	0.5	71.2	<0.01	0.01	2.2
ZZ81427		0.44	33.5	560	15.3	8.8	<0.001	0.04	0.38	6.2	0.9	0.5	59.3	<0.01	0.05	2.9
ZZ81428		0.34	31.2	210	18.0	9.6	<0.001	<0.01	0.26	5.6	0.5	0.4	22.0	<0.01	0.07	4.4
ZZ81429		1.33	13.5	250	15.3	11.2	<0.001	<0.01	0.30	2.6	0.4	0.7	16.2	<0.01	0.04	3.5
ZZ81430		0.85	30.5	360	19.7	11.3	<0.001	0.01	0.45	6.7	1.0	0.5	13.8	<0.01	0.05	4.9
ZZ81431		0.21	36.0	550	18.2	7.6	0.001	0.02	0.37	7.1	0.9	0.3	42.1	<0.01	0.05	4.8
ZZ81432		0.33	35.5	650	17.0	7.9	0.001	0.03	0.45	6.4	1.2	0.4	46.9	<0.01	0.05	3.8
ZZ81433		0.23	32.6	530	15.6	7.1	0.001	0.02	0.37	6.3	0.8	0.3	34.0	<0.01	0.04	4.0
ZZ81434		0.34	32.4	660	14.4	9.4	<0.001	0.04	0.36	6.9	1.0	0.4	47.8	<0.01	0.06	2.4
ZZ81435		0.46	33.6	660	16.0	8.3	<0.001	0.02	0.38	8.5	1.1	0.4	36.2	<0.01	0.07	4.3
ZZ81436		0.33	33.1	580	15.8	7.2	0.001	0.02	0.38	6.8	0.9	0.3	33.3	<0.01	0.06	3.1
ZZ81437		0.24	38.8	550	19.4	7.3	<0.001	0.01	0.36	7.7	0.9	0.4	34.6	<0.01	0.09	3.7
ZZ81438		0.79	29.5	710	15.9	8.5	0.002	0.09	0.47	7.4	1.9	0.4	52.8	<0.01	0.07	4.1
ZZ81439		0.40	20.5	680	16.7	6.7	<0.001	0.08	0.41	2.6	1.0	0.3	91.0	<0.01	0.03	0.7
ZZ81440		0.47	31.2	650	20.3	7.6	<0.001	0.03	0.41	6.6	1.1	0.4	40.0	<0.01	0.06	2.9
ZZ81441		0.46	51.4	940	15.3	9.6	0.001	0.06	1.21	4.5	2.9	0.5	59.0	<0.01	0.09	2.4
ZZ81442		0.31	19.9	500	9.7	7.0	0.001	0.03	0.66	1.4	1.2	0.4	28.3	<0.01	0.07	0.5
ZZ81443		0.35	21.5	700	6.7	4.2	<0.001	0.11	0.61	1.8	2.1	0.2	57.7	<0.01	0.03	0.4
ZZ81444		0.33	13.2	660	4.5	3.2	0.001	0.14	0.88	0.8	1.6	0.2	72.7	<0.01	0.03	0.2
ZZ81445		0.25	24.6	680	7.8	4.8	0.001	0.07	0.60	1.6	1.6	0.2	44.6	<0.01	0.03	0.5
ZZ81446		0.29	26.7	870	7.6	6.0	0.002	0.12	0.98	1.9	2.8	0.3	74.1	<0.01	0.05	0.4
ZZ81447		0.29	21.4	640	6.2	5.7	0.001	0.11	0.68	1.9	1.9	0.3	54.3	<0.01	0.05	0.5

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ81408		0.010	0.23	1.90	34	0.05	8.07	105	0.8
ZZ81409		0.014	0.21	0.69	76	0.14	3.66	85	<0.5
ZZ81410		0.037	0.16	0.41	72	0.19	1.85	60	<0.5
ZZ81411		0.044	0.19	0.40	61	0.20	1.79	40	<0.5
ZZ81412		0.025	0.50	0.80	51	0.31	8.56	90	<0.5
ZZ81413		0.014	0.41	1.38	18	0.13	10.80	30	<0.5
ZZ81414		0.009	0.24	1.03	60	0.06	14.65	204	1.5
ZZ81415		0.008	0.19	1.36	69	0.05	16.25	180	4.0
ZZ81416		<0.005	0.26	3.66	102	0.08	20.8	269	3.0
ZZ81417		0.007	0.35	2.53	154	0.15	20.0	285	2.2
ZZ81418		0.013	0.33	23.1	94	0.10	9.40	114	1.2
ZZ81419		0.019	1.79	11.95	263	0.29	23.0	192	0.8
ZZ81420		0.014	0.30	1.61	59	0.12	13.20	108	1.5
ZZ81421		0.010	0.43	9.07	54	0.14	19.60	77	2.4
ZZ81422		0.010	0.13	0.88	55	0.09	9.31	132	1.5
ZZ81423		0.007	0.10	1.19	41	0.10	10.85	116	2.4
ZZ81424		0.011	0.11	2.54	43	0.10	10.80	107	1.7
ZZ81425		0.007	0.07	0.46	27	<0.05	6.24	71	2.8
ZZ81426		0.006	0.15	0.64	23	<0.05	9.98	74	3.7
ZZ81427		0.008	0.13	0.75	35	0.14	11.90	85	3.5
ZZ81428		0.005	0.10	0.44	48	<0.05	5.81	88	2.8
ZZ81429		0.027	0.12	0.67	55	0.24	4.12	66	1.0
ZZ81430		0.020	0.12	1.89	51	0.17	13.70	76	2.1
ZZ81431		0.006	0.10	0.51	35	<0.05	12.10	89	5.2
ZZ81432		0.008	0.10	1.49	36	0.09	11.45	90	3.6
ZZ81433		0.006	0.07	0.56	37	<0.05	10.60	87	3.5
ZZ81434		0.008	0.09	0.92	49	0.05	11.70	108	2.2
ZZ81435		0.012	0.10	0.53	48	0.06	12.70	111	3.1
ZZ81436		0.011	0.08	0.57	47	0.05	10.70	107	2.5
ZZ81437		0.008	0.09	0.62	52	<0.05	11.65	97	3.0
ZZ81438		0.016	0.10	2.00	46	0.15	12.20	105	3.1
ZZ81439		0.012	0.07	1.44	32	0.09	6.26	102	1.2
ZZ81440		0.012	0.10	0.69	44	0.09	12.25	106	2.2
ZZ81441		0.008	0.20	1.92	71	0.12	15.40	188	1.0
ZZ81442		0.009	0.11	0.92	52	0.08	3.51	114	<0.5
ZZ81443		0.008	0.07	6.21	33	0.05	15.95	48	1.6
ZZ81444		0.008	0.06	0.81	24	0.17	5.07	35	1.2
ZZ81445		0.009	0.07	2.42	31	0.05	15.15	80	1.0
ZZ81446		0.005	0.11	2.73	39	0.05	11.35	114	2.0
ZZ81447		0.005	0.10	1.45	35	<0.05	13.20	82	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ81448		0.32	0.003	0.60	0.71	6.3	<0.2	<10	1090	0.45	0.10	2.85	0.89	8.79	4.7	17
ZZ81449		0.28	0.002	0.52	0.66	6.2	<0.2	<10	1110	0.43	0.11	3.25	0.80	8.61	5.1	15
ZZ81450		0.21	0.005	0.49	0.74	5.6	<0.2	<10	1000	0.45	0.11	3.11	0.68	9.47	5.3	16
ZZ81451		0.20	0.001	0.53	0.85	6.7	<0.2	<10	950	0.53	0.14	3.01	0.75	11.30	6.2	18
ZZ81452		0.28	0.001	0.44	0.79	7.8	<0.2	10	1250	0.57	0.14	3.03	0.65	11.20	6.8	17
ZZ81453		0.19	0.008	0.36	0.73	5.5	<0.2	10	1280	0.51	0.11	3.77	0.62	8.61	5.3	14
ZZ81454		0.28	0.002	0.49	0.97	8.9	<0.2	<10	1390	0.62	0.15	2.77	0.60	12.75	7.4	19
ZZ81455		0.28	0.003	0.52	0.85	9.8	<0.2	<10	1430	0.54	0.13	2.49	0.64	10.45	6.0	19
ZZ81456		0.22	0.001	0.41	0.75	12.5	<0.2	<10	980	0.47	0.12	2.95	0.79	9.74	5.0	18
ZZ81457		0.18	0.005	0.44	0.64	8.0	<0.2	<10	1110	0.38	0.10	3.53	0.95	8.03	4.7	14
ZZ81458		0.23	0.006	0.40	1.04	13.4	<0.2	<10	1020	0.62	0.14	3.32	1.35	12.05	6.5	21
ZZ81459		0.18	0.002	0.70	0.95	9.2	<0.2	<10	1640	0.57	0.15	2.53	0.36	10.35	6.5	20
ZZ81460		0.33	0.001	0.76	1.26	10.2	<0.2	<10	2260	0.74	0.19	1.75	0.53	15.75	8.5	24
ZZ81461		0.29	0.001	0.77	1.03	10.7	<0.2	<10	2540	0.54	0.17	1.70	1.74	15.05	7.6	22
ZZ81462		0.28	0.002	0.33	1.62	15.6	<0.2	<10	580	0.72	0.22	0.07	0.37	15.00	7.4	35
ZZ81463		0.23	0.005	0.53	1.02	7.5	<0.2	<10	960	0.61	0.14	1.92	1.11	13.05	6.5	19
ZZ81464		0.33	0.001	0.51	1.46	12.1	<0.2	<10	1790	0.91	0.21	0.68	0.70	18.10	8.6	30
ZZ81465		0.37	0.003	0.95	1.24	11.7	<0.2	<10	1070	0.77	0.19	1.03	0.89	18.55	9.6	26
ZZ81466		0.24	0.002	0.87	1.28	11.1	<0.2	10	880	0.77	0.19	2.30	1.21	18.65	7.5	31
ZZ81467		0.16	0.006	0.58	0.85	8.5	<0.2	10	1150	0.61	0.14	3.59	0.91	11.00	6.1	20
ZZ81468		0.32	0.002	0.57	0.89	11.3	<0.2	10	1350	0.66	0.15	2.90	0.72	12.70	7.0	20
ZZ81469		0.18	0.002	0.52	1.01	10.4	<0.2	10	1570	0.63	0.15	3.31	0.77	12.50	6.0	21
ZZ81470		0.25	0.003	0.55	1.04	12.1	<0.2	10	1220	0.67	0.17	2.94	0.67	15.05	8.0	22
ZZ81471		0.29	0.001	0.46	0.94	7.7	<0.2	<10	1030	0.56	0.14	3.07	0.63	13.50	6.9	19
ZZ81472		0.28	0.001	0.37	0.86	8.1	<0.2	<10	1010	0.53	0.15	2.34	0.55	10.95	6.8	18
ZZ81473		0.23	0.001	0.50	0.86	9.0	<0.2	<10	1080	0.55	0.13	2.49	0.73	11.35	6.4	18
ZZ81474		0.28	0.003	0.45	0.89	10.8	<0.2	<10	920	0.58	0.13	1.84	0.75	10.85	6.8	20
ZZ81475		0.45	0.003	0.19	1.54	13.4	<0.2	<10	350	1.03	0.23	1.34	0.32	25.7	15.2	24
ZZ81476		0.27	0.006	0.09	1.63	7.3	<0.2	<10	330	0.93	0.20	1.44	0.37	21.0	14.2	25
ZZ81477		0.34	<0.001	0.17	1.84	12.0	<0.2	<10	600	1.25	0.21	2.02	0.56	28.9	20.0	24
ZZ81478		0.40	0.002	0.10	2.02	7.3	<0.2	<10	200	1.03	0.22	0.77	0.18	26.8	16.5	30
ZZ81479		0.35	0.003	0.10	1.64	6.8	<0.2	<10	260	0.79	0.18	2.07	0.31	20.4	14.6	24
ZZ81480		0.36	0.003	0.10	2.12	9.3	<0.2	<10	250	1.16	0.25	0.44	0.19	30.7	20.6	32
ZZ81481		0.33	0.001	0.14	1.87	5.1	<0.2	<10	320	0.93	0.21	1.26	0.56	22.8	14.3	29
ZZ81482		0.35	0.002	0.10	1.95	6.9	<0.2	<10	270	0.95	0.21	1.09	0.23	25.2	17.1	29
ZZ81483		0.39	0.003	0.09	1.57	7.0	<0.2	<10	420	0.96	0.22	1.39	0.47	19.25	18.1	26
ZZ81484		0.43	0.002	0.07	2.19	8.2	<0.2	<10	220	0.94	0.22	0.78	0.21	31.4	21.9	33
ZZ81485		0.22	0.002	0.13	1.80	6.7	<0.2	<10	330	0.83	0.20	1.63	0.46	19.35	12.8	29
ZZ81486		0.41	0.005	0.14	2.13	4.8	<0.2	<10	360	0.93	0.23	0.59	0.46	32.4	15.1	36
ZZ81487		0.45	0.003	0.12	1.99	5.9	<0.2	<10	240	0.87	0.24	0.57	0.41	29.1	17.2	32

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 19-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81448		0.41	23.6	1.30	2.01	<0.05	0.04	0.13	0.020	0.05	6.3	6.6	0.15	257	0.78	<0.01
ZZ81449		0.43	26.2	1.32	1.80	<0.05	0.04	0.12	0.016	0.05	6.1	6.9	0.16	317	0.84	<0.01
ZZ81450		0.47	22.9	1.31	2.03	<0.05	0.04	0.14	0.019	0.05	6.5	7.6	0.17	301	0.65	0.01
ZZ81451		0.43	25.7	1.64	2.21	<0.05	0.04	0.12	0.021	0.05	7.8	9.6	0.20	361	0.81	0.01
ZZ81452		0.43	33.9	1.82	2.12	<0.05	0.05	0.13	0.021	0.05	7.4	10.0	0.22	390	1.05	0.01
ZZ81453		0.33	33.7	1.43	1.93	0.05	0.06	0.12	0.017	0.05	6.0	8.8	0.20	328	0.83	0.01
ZZ81454		0.50	30.6	1.87	2.60	<0.05	0.05	0.12	0.025	0.05	7.3	11.6	0.23	372	1.01	<0.01
ZZ81455		0.47	28.2	1.80	2.19	<0.05	0.04	0.11	0.022	0.06	7.0	8.5	0.19	269	1.10	<0.01
ZZ81456		0.44	19.5	1.54	2.10	<0.05	0.04	0.11	0.021	0.06	7.4	7.1	0.14	221	0.97	0.01
ZZ81457		0.52	19.7	1.23	1.72	<0.05	0.04	0.13	0.017	0.05	5.6	6.0	0.13	313	0.91	0.01
ZZ81458		0.66	22.4	1.83	2.73	<0.05	0.05	0.13	0.023	0.06	8.8	10.3	0.18	367	1.25	0.01
ZZ81459		0.41	24.6	1.97	2.43	<0.05	0.05	0.12	0.025	0.07	6.5	9.5	0.20	285	2.01	<0.01
ZZ81460		0.64	33.3	2.43	3.78	<0.05	0.04	0.10	0.029	0.06	8.3	12.8	0.24	404	1.97	<0.01
ZZ81461		0.87	23.1	1.95	3.18	<0.05	0.03	0.11	0.025	0.07	7.8	7.8	0.16	1260	2.13	<0.01
ZZ81462		1.09	31.2	3.18	4.42	<0.05	0.06	0.05	0.037	0.08	6.9	16.6	0.22	180	4.56	0.01
ZZ81463		0.51	22.8	1.99	2.87	<0.05	0.05	0.13	0.029	0.05	9.7	10.8	0.21	206	1.66	0.01
ZZ81464		0.76	40.5	2.87	3.96	0.06	0.06	0.16	0.040	0.07	13.0	12.2	0.23	244	3.85	<0.01
ZZ81465		0.71	40.2	2.78	3.40	<0.05	0.06	0.15	0.033	0.08	11.8	17.0	0.33	269	2.83	0.01
ZZ81466		0.48	19.5	2.53	3.59	0.06	0.07	0.08	0.032	0.13	21.3	7.5	0.20	430	2.59	0.01
ZZ81467		0.45	25.2	1.74	2.32	<0.05	0.05	0.09	0.024	0.06	10.2	7.7	0.17	251	1.35	0.01
ZZ81468		0.33	27.5	2.04	2.40	<0.05	0.05	0.13	0.026	0.07	9.2	9.6	0.22	279	1.57	0.01
ZZ81469		0.36	28.6	1.93	2.69	<0.05	0.05	0.11	0.024	0.06	9.4	8.9	0.18	211	1.04	<0.01
ZZ81470		0.44	28.1	2.24	2.71	0.05	0.05	0.11	0.025	0.06	9.9	12.0	0.26	351	1.44	0.01
ZZ81471		0.42	28.1	1.81	2.58	<0.05	0.04	0.10	0.020	0.06	8.4	11.7	0.26	370	0.80	0.01
ZZ81472		0.42	28.7	1.79	2.33	<0.05	0.05	0.11	0.024	0.06	7.2	10.5	0.21	379	0.89	0.01
ZZ81473		0.42	29.3	1.77	2.34	<0.05	0.05	0.12	0.021	0.06	7.3	9.8	0.20	332	0.59	0.01
ZZ81474		0.53	26.9	1.90	2.47	<0.05	0.05	0.12	0.021	0.06	7.4	11.8	0.22	431	0.79	<0.01
ZZ81475		0.98	63.2	3.83	4.54	0.06	0.04	0.15	0.037	0.07	12.3	28.4	0.60	944	0.96	0.01
ZZ81476		0.83	56.5	3.52	5.12	0.05	0.07	0.08	0.031	0.09	8.9	27.6	0.79	911	0.90	0.01
ZZ81477		1.05	68.9	4.08	5.10	0.06	0.07	0.13	0.040	0.09	12.1	31.1	0.82	1100	0.97	0.01
ZZ81478		0.84	65.4	4.29	6.15	0.05	0.09	0.06	0.034	0.10	12.4	31.1	0.92	582	0.72	0.01
ZZ81479		0.59	62.3	3.46	4.96	0.05	0.05	0.08	0.029	0.08	8.2	24.6	0.82	722	0.53	0.01
ZZ81480		0.71	83.7	4.64	6.68	0.06	0.10	0.08	0.039	0.09	15.0	35.4	1.04	621	0.75	<0.01
ZZ81481		0.96	59.3	3.44	5.66	0.05	0.09	0.11	0.035	0.10	10.1	31.9	0.88	384	0.68	0.01
ZZ81482		1.05	61.0	3.94	6.15	0.06	0.07	0.10	0.037	0.09	11.1	35.5	0.96	794	0.63	0.01
ZZ81483		0.94	52.2	4.00	4.77	0.05	0.07	0.07	0.027	0.10	8.2	26.9	0.76	854	0.99	0.01
ZZ81484		0.65	84.1	4.77	6.84	0.07	0.10	0.08	0.038	0.09	14.0	35.4	1.23	708	0.53	0.01
ZZ81485		0.85	44.3	3.41	5.26	0.05	0.08	0.07	0.033	0.10	8.4	29.4	0.76	714	0.79	0.01
ZZ81486		0.68	58.7	3.45	6.61	0.06	0.09	0.11	0.037	0.10	15.1	39.5	1.05	151	0.51	0.01
ZZ81487		0.73	57.8	4.08	6.20	0.06	0.09	0.11	0.035	0.10	13.2	35.8	1.03	615	0.62	0.01

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Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81448		0.29	20.5	690	6.4	5.6	0.001	0.11	0.69	1.7	2.1	0.3	53.5	<0.01	0.03	0.3
ZZ81449		0.26	22.6	680	6.7	5.2	0.002	0.11	0.72	1.6	1.7	0.3	59.6	<0.01	0.03	0.4
ZZ81450		0.31	20.7	680	6.6	5.9	0.002	0.11	0.69	1.6	1.8	0.3	55.6	<0.01	0.03	0.3
ZZ81451		0.32	23.3	690	8.3	6.1	0.001	0.11	0.60	1.9	1.7	0.3	54.7	<0.01	0.06	0.4
ZZ81452		0.24	26.8	850	9.3	5.2	0.001	0.10	0.87	2.0	2.1	0.2	54.3	<0.01	0.04	0.4
ZZ81453		0.23	24.5	750	6.9	4.5	0.001	0.13	0.81	1.5	1.5	0.2	63.3	<0.01	0.03	0.4
ZZ81454		0.28	26.8	680	9.8	6.0	0.001	0.09	0.73	2.3	2.0	0.3	48.4	<0.01	0.05	0.5
ZZ81455		0.27	27.7	730	8.7	5.7	0.001	0.08	0.77	2.4	1.9	0.3	47.7	<0.01	0.06	0.6
ZZ81456		0.30	22.8	720	7.3	5.5	0.001	0.10	0.62	1.7	1.7	0.3	49.0	<0.01	0.07	0.4
ZZ81457		0.26	17.9	710	6.1	6.0	<0.001	0.12	0.61	1.6	1.6	0.2	61.8	<0.01	0.04	0.4
ZZ81458		0.41	25.3	770	8.7	6.6	<0.001	0.12	0.71	2.0	1.5	0.3	50.2	<0.01	0.05	0.4
ZZ81459		0.28	30.1	710	8.7	5.5	<0.001	0.10	0.95	2.1	2.0	0.3	51.7	<0.01	0.06	0.5
ZZ81460		0.40	29.7	620	11.5	6.9	<0.001	0.07	0.82	3.3	2.2	0.4	35.1	<0.01	0.05	1.2
ZZ81461		0.53	22.2	900	9.6	9.6	0.001	0.07	0.79	2.4	1.7	0.4	44.9	<0.01	0.06	0.7
ZZ81462		0.61	40.2	700	13.6	11.7	0.001	0.05	1.07	3.4	3.2	0.6	36.2	<0.01	0.08	3.3
ZZ81463		0.31	26.0	630	8.8	5.2	<0.001	0.08	0.66	3.0	1.7	0.3	37.3	<0.01	0.07	0.9
ZZ81464		0.34	41.2	580	12.3	8.2	0.001	0.05	0.78	5.2	2.8	0.5	27.9	<0.01	0.10	1.4
ZZ81465		0.31	45.1	870	11.4	7.4	<0.001	0.05	0.87	5.0	2.2	0.4	43.2	<0.01	0.08	1.9
ZZ81466		0.41	33.7	750	13.2	9.3	0.001	0.09	0.78	2.8	2.8	0.5	32.3	<0.01	0.07	0.8
ZZ81467		0.27	28.9	840	8.2	5.4	0.001	0.10	0.72	1.8	2.3	0.3	57.3	<0.01	0.06	0.4
ZZ81468		0.27	31.2	860	9.6	5.4	0.001	0.10	0.74	2.1	2.0	0.3	51.5	<0.01	0.08	0.6
ZZ81469		0.33	28.8	730	9.6	4.8	0.001	0.10	0.66	2.2	2.5	0.3	51.7	<0.01	0.07	0.5
ZZ81470		0.32	30.7	700	10.6	4.9	0.001	0.09	0.71	2.7	1.9	0.3	53.3	<0.01	0.06	0.7
ZZ81471		0.34	24.2	760	8.6	5.2	0.001	0.09	0.58	2.1	1.9	0.3	56.1	<0.01	0.04	0.5
ZZ81472		0.27	22.9	800	9.5	7.2	0.003	0.11	0.62	2.2	2.1	0.3	53.6	<0.01	0.06	0.5
ZZ81473		0.29	23.2	840	8.3	5.8	0.001	0.11	0.56	2.3	1.8	0.3	53.7	<0.01	0.05	0.6
ZZ81474		0.28	24.9	830	8.8	6.3	0.001	0.09	0.52	2.6	1.8	0.3	43.0	<0.01	0.08	0.7
ZZ81475		0.36	25.5	750	20.6	6.9	0.001	0.06	0.61	5.8	1.6	0.4	60.1	<0.01	0.06	1.2
ZZ81476		0.28	27.1	770	13.5	8.9	0.001	0.08	0.41	5.4	1.4	0.3	61.6	<0.01	0.08	1.4
ZZ81477		0.25	29.3	960	21.0	7.9	<0.001	0.06	0.62	8.8	1.2	0.4	91.7	<0.01	0.06	2.4
ZZ81478		0.28	32.4	540	13.5	7.7	<0.001	0.03	0.32	6.9	1.0	0.4	42.4	<0.01	0.08	2.9
ZZ81479		0.22	27.1	700	11.8	5.5	<0.001	0.08	0.41	4.5	1.0	0.3	78.0	<0.01	0.05	0.9
ZZ81480		0.20	38.3	440	18.0	6.8	<0.001	0.02	0.36	9.0	1.1	0.4	25.7	<0.01	0.08	3.9
ZZ81481		0.35	27.9	760	15.1	10.4	0.003	0.13	0.35	6.5	2.5	0.4	59.4	<0.01	0.08	1.9
ZZ81482		0.29	33.1	660	15.5	10.1	0.001	0.07	0.35	6.2	2.0	0.4	54.7	<0.01	0.05	1.8
ZZ81483		0.50	29.9	630	14.5	9.2	0.002	0.13	0.49	5.8	2.1	0.4	65.6	<0.01	0.04	2.3
ZZ81484		0.18	38.8	390	14.8	6.1	<0.001	0.02	0.32	8.9	0.7	0.3	38.4	<0.01	0.09	3.3
ZZ81485		0.37	31.4	1170	9.9	9.7	0.002	0.10	0.48	5.4	2.5	0.4	69.4	<0.01	0.07	1.3
ZZ81486		0.47	34.3	590	16.8	8.8	0.003	0.05	0.27	8.0	3.0	0.5	30.9	<0.01	0.06	4.2
ZZ81487		0.28	35.0	710	15.6	7.2	0.001	0.03	0.29	7.6	1.1	0.4	34.3	<0.01	0.06	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ81448		0.005	0.10	2.58	34	0.10	14.25	82	1.4
ZZ81449		0.005	0.09	2.20	31	0.05	12.95	83	1.4
ZZ81450		0.005	0.10	2.01	33	<0.05	12.90	76	1.4
ZZ81451		0.005	0.09	1.72	34	<0.05	15.90	85	1.5
ZZ81452		<0.005	0.07	1.36	30	0.05	15.65	86	1.4
ZZ81453		<0.005	0.06	1.35	25	0.06	13.25	75	1.7
ZZ81454		<0.005	0.09	1.32	39	0.07	15.40	90	1.6
ZZ81455		0.005	0.09	1.36	40	0.05	16.65	99	1.6
ZZ81456		0.005	0.08	1.34	36	0.06	15.55	93	1.3
ZZ81457		0.005	0.09	1.29	29	0.08	11.55	91	1.6
ZZ81458		0.005	0.12	1.44	40	0.10	17.25	116	1.8
ZZ81459		<0.005	0.08	1.31	44	0.05	13.85	84	1.6
ZZ81460		0.007	0.11	3.09	54	0.10	13.10	86	1.7
ZZ81461		0.011	0.17	3.09	53	0.16	12.45	142	0.8
ZZ81462		0.008	0.22	1.30	70	0.11	5.32	152	3.1
ZZ81463		0.005	0.11	0.91	44	0.06	17.55	101	1.8
ZZ81464		0.005	0.13	3.03	67	0.06	30.4	121	1.8
ZZ81465		0.007	0.12	1.47	50	0.07	21.0	145	2.2
ZZ81466		0.008	0.14	0.74	64	0.08	33.2	123	1.8
ZZ81467		<0.005	0.08	1.19	38	0.07	23.0	78	1.5
ZZ81468		0.005	0.09	1.11	39	0.07	20.5	108	1.6
ZZ81469		0.005	0.08	1.52	43	0.05	20.4	84	1.7
ZZ81470		0.005	0.09	0.95	40	0.07	20.1	98	1.6
ZZ81471		0.006	0.07	1.36	34	0.05	15.60	80	1.5
ZZ81472		0.005	0.09	2.05	36	0.08	14.95	76	1.5
ZZ81473		0.005	0.09	1.61	35	0.06	15.85	101	1.6
ZZ81474		0.005	0.12	1.50	36	0.06	16.05	132	1.6
ZZ81475		0.008	0.09	1.44	39	0.07	15.50	80	1.4
ZZ81476		0.006	0.08	1.89	42	<0.05	9.56	111	2.0
ZZ81477		<0.005	0.11	1.33	40	0.05	18.40	108	2.4
ZZ81478		0.006	0.07	0.50	48	<0.05	11.30	79	2.6
ZZ81479		0.006	0.06	0.84	40	<0.05	8.72	75	1.6
ZZ81480		0.005	0.07	0.43	51	<0.05	14.80	98	3.3
ZZ81481		0.007	0.09	2.00	45	0.05	11.00	118	2.8
ZZ81482		0.007	0.09	1.90	46	0.05	10.80	92	2.1
ZZ81483		0.010	0.08	2.13	39	0.08	9.22	107	2.2
ZZ81484		0.005	0.07	0.50	56	<0.05	11.85	90	3.4
ZZ81485		0.008	0.10	2.30	43	0.06	10.10	135	2.3
ZZ81486		0.010	0.11	0.62	55	0.10	12.05	134	3.2
ZZ81487		0.008	0.08	0.62	49	0.05	11.20	129	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ81488		0.31	0.003	0.19	1.39	6.5	<0.2	<10	420	0.81	0.19	1.96	0.85	20.2	12.6	22
ZZ81489		0.52	0.002	0.12	1.74	11.6	<0.2	<10	260	1.04	0.28	0.46	0.83	30.0	22.0	28
ZZ81490		0.31	0.004	0.13	1.75	4.4	<0.2	<10	310	0.87	0.21	1.29	0.46	24.0	14.0	28
ZZ81491		0.30	0.002	0.12	2.20	8.6	<0.2	<10	280	1.02	0.21	1.18	0.27	28.3	18.5	33
ZZ81492		0.27	0.001	0.08	1.90	8.5	<0.2	<10	240	0.83	0.23	0.45	0.19	30.5	15.5	30
ZZ81493		0.37	0.002	0.10	1.84	8.9	<0.2	<10	260	0.88	0.23	1.04	0.26	23.0	14.7	28
ZZ81494		0.38	0.003	0.10	1.92	9.3	<0.2	<10	240	0.94	0.22	1.19	0.39	26.5	17.8	29
ZZ81495		0.40	0.003	0.11	2.02	8.1	<0.2	<10	260	1.01	0.23	1.08	0.29	25.7	20.5	30
ZZ81496		0.30	0.007	0.12	1.67	4.1	<0.2	<10	350	0.91	0.19	1.35	0.55	19.35	13.2	25
ZZ81497		0.36	0.008	0.15	1.58	6.2	<0.2	<10	380	0.89	0.18	2.10	0.39	16.80	10.9	22
ZZ81498		0.50	0.002	0.09	1.76	7.1	<0.2	<10	120	0.73	0.18	5.04	0.28	24.5	17.3	26
ZZ81499		0.36	0.002	0.10	1.99	8.8	<0.2	<10	210	0.89	0.23	1.68	0.30	27.4	22.7	30
ZZ81500		0.30	0.009	0.17	1.35	19.3	<0.2	<10	320	0.82	0.22	1.10	0.51	16.95	11.6	22
ZZ81803		0.34	0.002	0.16	1.21	28.2	<0.2	<10	320	0.73	0.22	1.08	0.39	21.7	16.4	20
ZZ81804		0.28	0.002	0.08	1.45	25.0	<0.2	<10	160	0.89	0.26	0.44	0.32	27.1	18.8	22
ZZ81805		0.33	0.002	0.15	1.23	24.1	<0.2	<10	240	0.75	0.22	1.05	0.36	21.5	16.5	20
ZZ81806		0.24	0.004	0.18	1.42	31.3	<0.2	<10	180	0.90	0.28	0.82	0.36	23.8	19.6	23
ZZ81807		0.29	0.002	0.14	1.27	28.2	<0.2	<10	180	0.75	0.25	0.92	0.41	22.6	17.1	21
ZZ81808		0.32	0.003	0.16	1.27	28.8	<0.2	<10	200	0.78	0.24	0.39	0.35	25.5	17.6	21
ZZ81809		0.26	0.002	0.16	1.25	27.5	<0.2	<10	210	0.77	0.24	0.49	0.42	22.1	17.7	20
ZZ81810		0.33	0.004	0.15	1.29	28.1	<0.2	<10	210	0.79	0.25	0.71	0.43	23.3	17.7	21
ZZ81811		0.31	0.004	0.18	1.41	29.6	<0.2	<10	160	0.84	0.27	0.42	0.39	26.8	20.0	23
ZZ81812		0.31	0.003	0.21	1.40	33.7	<0.2	<10	270	0.88	0.26	0.74	0.47	25.9	19.9	23
ZZ81813		0.32	0.003	0.15	1.54	8.8	<0.2	<10	390	1.20	0.30	1.13	0.34	17.75	13.1	24
ZZ81814		0.27	0.001	0.06	1.61	5.1	<0.2	<10	190	1.54	0.31	0.71	0.49	13.15	13.6	25
ZZ81815		0.38	0.001	0.11	0.21	17	<0.2	<10	60	0.30	0.05	16.45	4.56	9.93	2.8	5
ZZ81816		0.33	0.001	0.17	1.11	7.5	<0.2	<10	250	0.63	0.17	2.14	0.69	18.80	8.6	19
DD023973		0.14	<0.001	2.18	1.17	7.2	<0.2	<10	660	0.47	0.20	0.50	0.66	28.6	4.9	23
DD023974		0.20	0.002	2.31	0.65	11.8	<0.2	<10	560	0.63	0.19	0.90	1.15	13.25	8.2	23
DD023975		0.23	0.002	0.85	0.52	10.4	<0.2	<10	450	0.32	0.17	1.02	0.17	6.82	4.0	17
DD023976		0.15	0.002	1.34	0.59	8.3	<0.2	<10	1210	0.34	0.15	0.86	0.57	7.93	3.5	22
DD023977		0.31	0.003	1.57	0.64	18.5	<0.2	<10	1540	0.56	0.20	0.50	0.66	8.96	5.1	22
DD023978		0.27	0.002	1.67	0.76	11.3	<0.2	<10	1910	0.60	0.22	0.30	0.84	9.80	2.2	22
DD023979		0.35	0.003	1.01	1.08	17.3	<0.2	<10	1920	0.90	0.25	0.28	2.50	17.35	10.1	32
DD023980		0.15	0.003	1.44	0.66	16.1	<0.2	<10	1540	0.58	0.20	0.83	1.01	7.07	8.7	21
DD023981		0.17	0.004	1.13	0.47	7.0	<0.2	<10	7660	0.38	0.13	1.54	1.13	6.76	3.3	17
DD023982		0.21	0.004	1.39	0.73	15.2	<0.2	<10	2100	0.67	0.19	1.36	1.69	9.33	7.3	21
DD023983		0.21	0.002	1.54	0.89	17.2	<0.2	<10	2520	0.58	0.26	0.59	2.66	10.35	8.0	28
DD023984		0.17	0.003	1.06	0.97	6.1	<0.2	<10	500	0.69	0.19	0.02	4.53	19.25	2.8	15
DD023985		0.29	0.003	0.61	1.84	15.3	<0.2	<10	310	0.95	0.28	0.14	1.17	33.5	13.4	31

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VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ81488	0.60	51.3	2.85	4.12	0.05	0.05	0.12	0.028	0.07	9.1	20.9	0.58	1260	0.69	0.01
ZZ81489	0.95	55.7	4.25	5.87	0.06	0.08	0.05	0.032	0.09	13.6	32.0	0.90	1100	1.04	0.01
ZZ81490	0.63	59.9	2.99	5.39	0.05	0.07	0.09	0.031	0.08	10.6	29.1	0.82	460	0.34	0.01
ZZ81491	0.65	84.5	4.60	6.57	0.06	0.10	0.13	0.036	0.09	13.9	35.7	1.13	856	0.78	0.01
ZZ81492	0.75	46.4	4.00	5.87	0.05	0.07	0.05	0.029	0.07	14.4	32.0	0.84	509	0.68	0.01
ZZ81493	0.66	53.8	3.90	5.61	<0.05	0.07	0.07	0.030	0.09	11.2	29.1	0.83	567	0.61	0.01
ZZ81494	0.65	77.8	4.23	5.92	0.05	0.08	0.09	0.034	0.10	12.4	32.2	0.97	677	0.58	0.01
ZZ81495	0.80	81.2	4.44	6.23	0.06	0.09	0.09	0.036	0.10	11.9	34.3	1.06	669	0.54	0.01
ZZ81496	0.76	55.1	3.06	5.13	0.05	0.08	0.09	0.025	0.08	8.3	28.6	0.77	560	0.46	0.01
ZZ81497	0.63	56.2	2.93	4.79	<0.05	0.05	0.09	0.025	0.07	7.3	24.6	0.62	338	0.58	0.01
ZZ81498	0.71	68.7	4.10	5.41	0.05	0.09	0.08	0.027	0.09	10.6	30.2	1.88	704	0.46	0.01
ZZ81499	0.76	82.9	4.52	6.28	0.06	0.10	0.08	0.032	0.10	12.3	34.6	1.32	830	0.54	0.01
ZZ81500	1.12	53.4	3.01	4.11	0.05	0.10	0.16	0.028	0.08	7.4	28.1	0.63	257	0.78	0.01
ZZ81803	1.21	47.6	3.62	3.80	0.05	0.07	0.12	0.028	0.06	9.2	29.6	0.99	540	1.15	<0.01
ZZ81804	1.06	48.1	3.97	4.26	0.06	0.08	0.15	0.031	0.07	12.3	30.5	0.66	621	1.06	0.01
ZZ81805	1.07	49.3	3.71	3.75	0.05	0.08	0.14	0.027	0.05	9.1	30.4	0.95	595	1.07	<0.01
ZZ81806	1.42	58.3	4.13	4.21	0.05	0.10	0.17	0.030	0.07	10.7	34.3	0.90	790	1.09	0.01
ZZ81807	1.19	50.3	3.78	3.92	0.05	0.09	0.12	0.028	0.06	9.4	32.6	0.96	641	0.96	0.01
ZZ81808	1.01	52.6	3.85	3.91	0.07	0.07	0.56	0.026	0.07	11.1	30.9	0.68	679	1.19	<0.01
ZZ81809	1.15	52.5	3.78	3.86	0.05	0.08	0.13	0.027	0.06	9.2	30.1	0.69	676	1.18	<0.01
ZZ81810	1.25	52.1	3.83	3.85	0.05	0.09	0.13	0.025	0.06	10.3	30.1	0.84	717	1.09	<0.01
ZZ81811	1.33	59.5	4.18	4.48	0.07	0.08	0.14	0.032	0.07	12.0	32.6	0.73	828	1.19	<0.01
ZZ81812	1.44	59.0	4.19	4.36	0.06	0.08	0.15	0.031	0.07	11.8	32.0	0.89	751	1.24	0.01
ZZ81813	1.49	61.2	3.21	4.65	0.05	0.07	0.07	0.035	0.09	9.6	28.8	0.61	555	0.97	0.01
ZZ81814	3.09	29.4	3.37	5.44	<0.05	0.09	0.04	0.027	0.11	5.5	33.2	0.58	652	0.40	0.01
ZZ81815	0.20	7.2	3.48	1.11	<0.05	0.03	0.36	0.009	0.01	6.7	2.3	9.17	1760	0.84	0.01
ZZ81816	0.71	28.3	2.42	3.36	<0.05	0.04	0.12	0.019	0.06	8.9	13.4	0.55	561	0.40	0.01
DD023973	0.99	9.1	2.01	4.31	0.05	0.02	0.12	0.025	0.03	14.5	6.9	0.13	143	1.98	<0.01
DD023974	1.51	26.3	2.35	1.63	<0.05	0.06	0.15	0.034	0.06	7.9	5.3	0.10	128	9.49	0.01
DD023975	0.47	13.5	1.61	1.76	<0.05	0.03	0.11	0.018	0.03	3.5	3.1	0.07	148	6.38	<0.01
DD023976	0.63	27.1	1.22	1.84	<0.05	0.04	0.13	0.023	0.05	4.6	3.4	0.08	140	3.07	<0.01
DD023977	0.67	44.6	2.62	1.84	<0.05	0.03	0.18	0.031	0.06	5.2	3.5	0.08	123	4.82	<0.01
DD023978	0.67	42.2	1.40	2.36	<0.05	0.02	0.18	0.033	0.06	5.7	5.0	0.09	20	2.60	<0.01
DD023979	0.70	68.4	3.26	3.15	<0.05	0.02	0.14	0.036	0.09	9.2	12.6	0.23	253	7.94	<0.01
DD023980	0.58	42.4	2.32	1.81	<0.05	0.04	0.19	0.030	0.06	4.1	4.9	0.08	382	4.67	<0.01
DD023981	0.35	35.9	1.22	1.32	<0.05	0.05	0.18	0.023	0.05	3.8	2.3	0.07	78	1.79	<0.01
DD023982	0.53	68.8	2.58	2.23	<0.05	0.06	0.22	0.033	0.07	5.2	6.4	0.15	558	7.26	<0.01
DD023983	0.52	55.2	2.41	3.09	<0.05	0.06	0.19	0.033	0.09	5.7	8.0	0.18	283	5.98	<0.01
DD023984	0.79	72.7	1.31	3.98	<0.05	<0.02	0.08	0.027	0.05	9.5	1.5	0.04	35	3.27	<0.01
DD023985	1.21	37.8	3.41	5.46	<0.05	0.07	0.09	0.037	0.07	15.1	20.7	0.41	396	2.55	<0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ81488		0.36	25.1	830	14.5	7.9	0.002	0.12	0.48	3.8	1.8	0.4	76.7	<0.01	0.06	0.8
ZZ81489		0.31	41.1	620	23.0	6.9	<0.001	0.02	0.51	6.0	1.0	0.4	26.5	<0.01	0.05	4.2
ZZ81490		0.42	29.8	680	14.5	7.0	0.001	0.11	0.37	6.3	1.3	0.4	58.3	<0.01	0.07	2.1
ZZ81491		0.27	37.6	560	13.8	6.9	<0.001	0.05	0.39	9.4	0.9	0.3	55.2	<0.01	0.07	2.7
ZZ81492		0.39	31.5	450	14.8	7.6	<0.001	0.02	0.33	5.6	0.8	0.4	26.5	<0.01	0.05	3.3
ZZ81493		0.36	30.9	520	15.0	7.4	<0.001	0.04	0.37	6.5	0.8	0.4	51.0	<0.01	0.06	2.0
ZZ81494		0.26	35.2	490	15.8	6.3	<0.001	0.04	0.41	7.1	0.7	0.3	51.3	<0.01	0.08	2.4
ZZ81495		0.20	36.8	520	15.3	6.8	<0.001	0.03	0.36	7.1	0.9	0.4	49.9	<0.01	0.08	2.4
ZZ81496		0.28	29.6	720	13.7	7.3	0.003	0.14	0.36	5.5	1.1	0.4	61.2	<0.01	0.05	1.8
ZZ81497		0.34	23.9	710	11.6	7.1	0.001	0.09	0.45	4.0	1.4	0.3	86.5	<0.01	0.06	1.0
ZZ81498		0.11	31.8	540	15.1	4.9	<0.001	0.02	0.28	7.1	0.6	0.3	132.5	<0.01	0.06	3.2
ZZ81499		0.17	37.5	580	16.3	5.8	<0.001	0.03	0.31	8.1	1.1	0.3	62.0	<0.01	0.06	3.1
ZZ81500		0.22	28.3	720	16.2	6.6	0.005	0.21	0.60	5.1	2.6	0.3	54.8	<0.01	0.07	2.0
ZZ81803		0.14	34.7	710	18.3	4.5	0.001	0.03	0.60	4.8	1.3	0.2	44.0	<0.01	0.05	3.4
ZZ81804		0.19	33.3	560	22.4	5.7	<0.001	0.03	0.61	5.7	0.9	0.3	30.0	<0.01	0.08	3.2
ZZ81805		0.13	34.2	710	19.2	4.2	0.001	0.04	0.60	4.7	1.2	0.2	38.5	<0.01	0.05	3.2
ZZ81806		0.19	38.3	750	22.3	5.3	<0.001	0.05	0.69	5.9	1.5	0.3	40.5	<0.01	0.05	3.2
ZZ81807		0.16	35.1	680	19.7	4.6	<0.001	0.04	0.63	5.0	1.0	0.2	37.3	<0.01	0.07	3.4
ZZ81808		0.15	36.4	740	18.8	4.1	0.001	0.03	0.64	5.0	0.9	0.3	29.6	<0.01	0.06	3.4
ZZ81809		0.15	36.1	720	20.2	4.4	0.001	0.03	0.62	4.9	1.0	0.3	33.2	<0.01	0.05	3.2
ZZ81810		0.17	35.6	720	20.7	4.8	0.001	0.04	0.60	5.2	1.1	0.3	33.5	<0.01	0.08	3.3
ZZ81811		0.20	39.8	750	21.8	5.1	<0.001	0.03	0.66	5.8	1.3	0.3	34.3	<0.01	0.07	3.4
ZZ81812		0.19	38.8	750	21.8	5.6	0.001	0.03	0.68	6.1	1.5	0.3	36.8	<0.01	0.09	3.4
ZZ81813		0.49	26.9	600	21.2	10.5	<0.001	0.05	0.42	6.5	0.9	0.5	35.1	<0.01	0.02	2.1
ZZ81814		0.47	29.8	490	26.2	11.8	<0.001	0.05	0.27	4.1	0.8	0.6	15.5	<0.01	0.01	2.4
ZZ81815		0.11	6.7	650	186.5	1.2	<0.001	0.07	0.22	1.5	0.8	0.2	116.5	<0.01	0.05	1.0
ZZ81816		0.73	17.5	910	25.4	6.6	<0.001	0.10	0.49	2.4	1.5	0.4	56.1	<0.01	0.02	1.0
DD023973		1.00	18.0	390	9.7	7.3	<0.001	0.03	0.54	3.5	1.7	0.5	24.1	<0.01	0.04	1.6
DD023974		0.35	52.1	780	11.3	6.8	0.004	0.11	1.26	4.7	3.4	0.4	64.4	<0.01	0.11	1.6
DD023975		0.28	10.7	630	10.6	5.4	0.007	0.07	0.58	2.2	2.4	0.3	52.8	<0.01	0.07	0.8
DD023976		0.17	23.7	1040	9.2	8.0	0.009	0.08	0.66	2.6	3.5	0.3	73.2	<0.01	0.07	1.6
DD023977		0.20	42.5	1200	11.2	8.4	0.007	0.07	1.18	4.0	5.2	0.3	89.1	<0.01	0.13	2.0
DD023978		0.22	25.0	860	13.6	9.6	0.010	0.07	1.02	3.9	4.2	0.4	58.3	<0.01	0.10	2.4
DD023979		0.28	72.2	930	15.2	8.6	0.003	0.05	2.18	5.5	4.4	0.5	58.1	<0.01	0.07	3.2
DD023980		0.14	53.8	1100	11.9	7.7	0.011	0.08	1.06	4.3	5.2	0.3	98.5	<0.01	0.10	1.4
DD023981		0.14	43.0	1080	7.2	5.4	0.005	0.08	0.75	3.5	3.9	0.3	247	<0.01	0.05	1.0
DD023982		0.20	52.1	900	12.1	7.6	0.017	0.14	2.16	4.3	6.2	0.4	127.5	<0.01	0.07	1.4
DD023983		0.30	53.1	910	15.8	8.8	0.005	0.10	1.58	4.2	4.2	0.5	80.3	<0.01	0.08	2.1
DD023984		0.38	25.3	430	14.3	6.4	<0.001	0.04	1.11	1.8	1.9	0.6	10.8	<0.01	0.06	0.7
DD023985		1.13	41.7	590	18.9	12.1	0.001	0.02	1.33	4.8	1.3	0.6	15.1	<0.01	0.04	6.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ81488		0.008	0.08	1.49	35	0.08	11.85	143	1.5
ZZ81489		0.009	0.13	0.67	48	0.07	12.05	138	2.8
ZZ81490		0.008	0.08	1.52	44	0.06	10.75	119	2.3
ZZ81491		0.006	0.09	0.88	55	<0.05	14.80	86	2.9
ZZ81492		0.010	0.08	0.87	49	0.06	8.31	76	1.9
ZZ81493		0.007	0.10	0.66	46	0.05	9.35	94	1.9
ZZ81494		0.006	0.08	0.58	47	0.06	11.80	103	2.5
ZZ81495		0.005	0.08	0.47	49	<0.05	10.85	93	2.4
ZZ81496		0.005	0.09	1.75	43	<0.05	9.42	100	2.7
ZZ81497		0.007	0.07	2.16	41	0.07	8.36	78	1.6
ZZ81498		0.005	0.07	0.42	45	<0.05	9.21	90	3.7
ZZ81499		0.005	0.08	0.40	50	<0.05	11.45	105	3.2
ZZ81500		<0.005	0.11	3.24	34	<0.05	8.84	136	3.4
ZZ81803		<0.005	0.11	0.76	32	<0.05	9.46	118	2.5
ZZ81804		<0.005	0.11	0.78	36	<0.05	10.45	96	2.5
ZZ81805		<0.005	0.09	0.76	31	<0.05	9.30	110	2.6
ZZ81806		0.005	0.11	0.78	34	<0.05	10.55	117	3.0
ZZ81807		<0.005	0.10	0.70	31	<0.05	9.23	107	2.7
ZZ81808		<0.005	0.10	0.76	33	<0.05	9.73	111	2.6
ZZ81809		<0.005	0.09	0.74	32	<0.05	9.66	114	2.7
ZZ81810		0.005	0.11	0.78	33	<0.05	9.72	114	2.7
ZZ81811		0.006	0.12	0.83	36	<0.05	10.75	117	2.8
ZZ81812		0.005	0.13	0.88	37	<0.05	11.35	128	2.9
ZZ81813		0.008	0.11	1.20	30	0.13	15.80	104	2.0
ZZ81814		0.009	0.12	0.80	20	<0.05	9.90	176	2.2
ZZ81815		<0.005	0.72	2.44	8	<0.05	10.40	1330	1.0
ZZ81816		0.015	0.16	4.40	30	0.16	7.70	199	1.3
DD023973		0.019	0.20	1.64	58	0.18	20.8	96	0.7
DD023974		0.008	0.30	4.42	39	0.05	23.5	187	3.3
DD023975		<0.005	0.11	2.77	46	0.07	7.59	55	1.2
DD023976		<0.005	0.13	2.33	41	0.05	14.20	79	1.8
DD023977		<0.005	0.13	3.80	52	0.05	20.0	113	1.4
DD023978		<0.005	0.15	3.00	57	<0.05	15.40	64	1.2
DD023979		0.005	0.22	2.81	78	0.09	23.8	266	1.1
DD023980		<0.005	0.12	3.14	53	<0.05	20.6	173	1.5
DD023981		<0.005	0.11	3.91	33	<0.05	18.55	106	2.5
DD023982		<0.005	0.20	5.38	54	0.05	18.80	128	2.7
DD023983		<0.005	0.23	3.77	76	0.10	16.50	193	2.5
DD023984		0.008	0.17	2.89	56	0.09	17.75	75	<0.5
DD023985		0.017	0.22	1.39	91	0.18	10.45	194	2.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD023986		0.27	0.005	1.59	0.90	7.4	<0.2	<10	500	0.52	0.26	0.33	3.25	19.55	8.2	16
DD023987		0.31	0.006	1.74	0.82	5.3	<0.2	<10	470	0.49	0.32	0.31	1.63	17.25	4.0	14
DD023988		0.14	NSS	0.57	0.44	6.6	<0.2	<10	240	0.52	0.20	0.13	1.18	14.45	5.2	9
DD023989		0.23	0.007	2.91	0.92	1.8	<0.2	<10	190	0.40	0.17	0.14	0.87	20.9	2.3	16
DD023990		0.38	0.003	0.28	1.94	9.2	<0.2	<10	220	0.99	0.30	0.26	1.59	42.8	21.1	30
DD023991		0.51	0.003	0.31	1.94	10.8	<0.2	<10	270	1.13	0.31	0.44	1.68	36.4	19.4	31
DD023992		0.43	0.003	0.33	2.10	9.2	<0.2	<10	330	1.12	0.28	0.70	1.48	29.7	18.6	31
DD023993		0.20	0.006	1.66	1.23	16.6	<0.2	<10	1260	0.92	0.27	0.82	6.12	20.6	19.1	29
DD023994		0.30	0.004	1.57	1.09	20.7	<0.2	<10	660	0.89	0.26	0.96	3.23	17.90	10.0	28
DD023995		0.31	0.002	0.29	0.66	23	<0.2	<10	260	0.77	0.15	11.30	0.55	25.2	7.8	14
DD023996		0.36	0.001	0.03	1.85	11.0	<0.2	<10	210	0.95	0.30	0.07	0.53	28.6	14.8	28
DD023997		0.30	0.002	0.07	1.72	12.2	<0.2	<10	240	1.25	0.35	0.13	0.57	32.4	19.8	30
DD023998		0.39	0.002	0.19	1.72	10.7	<0.2	<10	320	1.13	0.34	0.48	0.62	30.6	16.7	27
DD023999		0.41	0.005	0.13	1.82	8.9	<0.2	<10	270	1.21	0.30	1.22	0.47	25.2	18.1	29
DD024000		0.32	0.003	0.13	1.91	9.0	<0.2	<10	260	1.13	0.28	1.00	0.40	28.1	20.4	29
DD025252		0.18	0.002	0.15	1.53	6.8	<0.2	<10	280	0.85	0.23	1.63	0.45	20.1	11.3	23
DD025253		0.39	0.003	0.17	1.66	9.2	<0.2	<10	290	1.04	0.30	0.88	0.77	26.7	17.3	27
DD025254		0.49	0.004	0.15	1.93	9.1	<0.2	<10	240	1.31	0.32	0.80	0.42	23.6	18.2	30
DD025255		0.29	0.002	0.11	1.68	7.2	<0.2	<10	200	1.05	0.27	1.29	0.20	16.40	12.3	25
DD025256		0.28	0.002	0.09	2.02	8.8	<0.2	<10	140	1.27	0.33	0.37	0.18	24.9	17.5	31
DD025257		0.26	0.003	0.16	1.89	6.2	<0.2	<10	220	1.14	0.31	1.04	0.40	22.0	13.6	27
DD025258		0.36	0.002	0.09	2.08	9.4	<0.2	<10	140	1.52	0.36	0.50	0.15	26.1	18.4	30
DD025259		0.21	0.004	0.18	1.70	10.6	<0.2	<10	320	0.98	0.28	1.55	0.58	23.6	17.2	26
DD025260		0.16	0.003	0.14	1.52	6.9	<0.2	<10	350	0.76	0.23	1.74	0.60	22.2	14.4	24
DD025261		0.34	0.003	0.29	1.62	10.5	<0.2	<10	320	0.96	0.28	1.08	0.60	23.7	14.1	27
DD025262		0.32	0.002	0.10	1.94	9.3	<0.2	<10	260	0.89	0.27	0.67	0.28	29.3	17.2	30
DD025263		0.27	0.002	0.10	1.92	8.8	<0.2	<10	250	0.95	0.23	1.12	0.24	24.6	16.8	30
DD025264		0.25	0.002	0.14	1.79	7.3	<0.2	<10	450	0.80	0.20	1.18	0.50	24.2	15.9	30
DD025265		0.19	0.003	0.63	1.02	9.4	<0.2	<10	1870	0.57	0.13	2.40	0.39	9.60	4.7	25
DD025266		0.16	0.002	1.13	0.94	11.3	<0.2	10	1140	0.68	0.18	2.68	1.02	16.70	7.3	28
DD025267		0.17	0.004	0.57	0.90	7.5	<0.2	<10	1300	0.53	0.13	2.26	1.42	14.30	5.2	24
DD025268		0.20	0.002	0.77	0.79	8.9	<0.2	<10	1440	0.54	0.13	3.07	0.77	10.15	5.3	22
DD025269		0.11	0.001	0.33	0.92	6.7	<0.2	10	600	0.49	0.17	4.47	2.15	15.05	5.5	25
DD025270		0.16	0.001	0.56	0.86	7.4	<0.2	<10	1090	0.51	0.12	3.56	1.01	11.85	6.2	19
DD025271		0.14	0.002	0.53	0.95	7.9	<0.2	<10	1210	0.58	0.14	3.44	0.82	13.60	7.4	21
DD025272		0.16	0.002	0.54	0.77	8.2	<0.2	<10	1050	0.46	0.11	2.98	0.77	9.29	6.5	18
DD025273		0.20	0.003	0.64	0.85	7.5	<0.2	<10	1090	0.46	0.12	2.77	0.68	10.65	6.6	19
DD025274		0.23	0.003	0.55	0.88	9.5	<0.2	<10	1130	0.53	0.14	2.45	0.90	11.65	7.4	21
DD025275		0.19	0.002	0.58	1.10	9.1	<0.2	<10	1020	0.62	0.15	2.67	0.81	12.55	10.6	23
DD025276		0.16	0.002	0.55	1.00	7.9	<0.2	<10	870	0.59	0.14	2.71	0.83	12.55	7.0	22

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD023986		0.86	52.6	1.77	3.04	<0.05	0.04	0.29	0.033	0.10	9.8	10.4	0.23	205	2.13	<0.01
DD023987		1.31	65.0	1.25	2.95	0.05	0.02	0.29	0.039	0.11	7.9	7.0	0.18	43	1.47	<0.01
DD023988		1.01	59.9	1.54	1.40	<0.05	<0.02	0.13	0.031	0.10	6.3	1.3	0.05	84	3.44	<0.01
DD023989		3.35	36.0	0.88	3.46	<0.05	<0.02	0.33	0.023	0.08	9.5	6.4	0.13	41	0.52	<0.01
DD023990		1.52	70.9	4.19	6.31	0.08	0.05	0.24	0.037	0.13	17.9	36.7	0.98	632	3.11	<0.01
DD023991		1.49	84.5	4.31	6.32	0.07	0.08	0.27	0.039	0.16	17.8	34.9	0.94	652	3.97	<0.01
DD023992		1.33	81.2	3.99	6.59	0.06	0.09	0.24	0.040	0.16	14.6	36.4	0.91	694	2.57	<0.01
DD023993		0.79	66.9	2.63	3.73	0.05	0.05	0.32	0.046	0.09	10.0	15.7	0.34	1800	5.87	<0.01
DD023994		0.68	53.9	1.61	3.18	<0.05	0.06	0.47	0.040	0.09	9.7	13.9	0.29	256	2.16	<0.01
DD023995		0.92	15.1	1.85	2.00	<0.05	0.05	0.08	0.022	0.08	14.7	5.1	5.46	207	6.04	<0.01
DD023996		1.47	26.6	3.34	5.49	<0.05	0.04	0.04	0.034	0.07	12.9	27.1	0.46	560	2.52	<0.01
DD023997		1.39	52.1	4.05	5.02	0.05	0.04	0.08	0.036	0.10	14.5	31.9	0.58	1030	2.56	<0.01
DD023998		1.40	49.4	3.53	5.59	<0.05	0.03	0.07	0.034	0.11	14.1	26.3	0.51	915	1.85	<0.01
DD023999		1.18	62.2	3.80	5.75	<0.05	0.08	0.08	0.039	0.14	11.6	34.2	0.70	772	1.20	<0.01
DD024000		1.23	65.1	4.09	5.99	0.05	0.07	0.08	0.038	0.13	13.0	34.7	0.83	977	1.23	<0.01
DD025252		0.69	43.0	2.92	4.68	<0.05	0.05	0.08	0.030	0.08	9.6	25.9	0.57	454	0.95	<0.01
DD025253		0.95	58.5	3.65	5.23	<0.05	0.08	0.09	0.039	0.11	12.5	31.6	0.75	636	1.50	<0.01
DD025254		1.21	62.5	4.08	6.00	<0.05	0.09	0.08	0.042	0.12	11.1	40.3	0.81	589	1.21	<0.01
DD025255		1.00	43.2	3.29	5.10	<0.05	0.07	0.07	0.031	0.09	7.6	33.9	0.68	266	0.97	<0.01
DD025256		1.12	54.3	4.20	6.30	0.05	0.10	0.08	0.039	0.11	11.0	48.2	0.89	312	1.21	<0.01
DD025257		0.89	46.7	3.22	5.77	<0.05	0.06	0.08	0.040	0.09	9.9	33.2	0.74	271	0.56	<0.01
DD025258		1.24	56.2	4.24	6.39	0.05	0.11	0.07	0.043	0.12	11.8	49.9	0.87	417	1.41	<0.01
DD025259		0.78	58.3	3.35	5.47	<0.05	0.05	0.11	0.038	0.08	10.7	28.3	0.67	876	0.91	<0.01
DD025260		0.74	46.7	2.98	4.99	<0.05	0.04	0.09	0.033	0.08	10.0	27.3	0.67	741	0.78	<0.01
DD025261		0.79	60.2	3.44	5.15	<0.05	0.06	0.12	0.038	0.10	11.3	28.5	0.67	548	1.78	<0.01
DD025262		0.86	57.2	4.16	6.26	0.05	0.07	0.07	0.036	0.10	13.5	36.2	0.97	724	0.68	<0.01
DD025263		0.72	67.7	4.21	5.90	0.05	0.07	0.08	0.032	0.11	11.8	30.0	0.97	638	0.57	0.01
DD025264		0.64	50.3	3.65	5.15	<0.05	0.06	0.08	0.028	0.09	11.3	28.5	0.84	3600	0.60	0.01
DD025265		0.41	17.9	1.93	2.66	<0.05	0.04	0.09	0.021	0.07	6.1	7.6	0.31	160	2.21	<0.01
DD025266		0.27	24.0	2.32	2.37	<0.05	0.06	0.06	0.032	0.13	12.7	5.6	0.26	332	6.02	0.01
DD025267		0.54	21.9	1.72	2.37	<0.05	0.04	0.11	0.021	0.05	10.4	6.8	0.27	202	1.84	0.01
DD025268		0.34	26.1	1.74	1.98	<0.05	0.04	0.12	0.021	0.05	6.8	6.9	0.18	167	1.11	<0.01
DD025269		0.44	17.7	1.96	2.27	0.06	0.04	0.09	0.025	0.08	19.5	7.2	0.27	483	1.52	<0.01
DD025270		0.41	26.6	1.72	2.18	<0.05	0.04	0.11	0.020	0.05	8.4	9.2	0.24	357	1.08	0.01
DD025271		0.32	29.2	1.83	2.47	<0.05	0.05	0.12	0.025	0.05	9.7	11.0	0.27	385	1.01	<0.01
DD025272		0.28	25.7	1.69	1.95	<0.05	0.04	0.10	0.021	0.05	6.2	8.5	0.23	576	1.44	0.01
DD025273		0.42	25.8	1.66	2.21	<0.05	0.05	0.12	0.020	0.04	6.7	9.1	0.21	377	1.37	0.01
DD025274		0.32	28.8	2.15	2.27	<0.05	0.04	0.11	0.023	0.05	7.6	11.4	0.29	656	1.65	0.01
DD025275		0.47	27.7	2.32	2.67	<0.05	0.04	0.15	0.025	0.06	7.8	13.9	0.29	1220	1.50	0.01
DD025276		0.41	27.3	1.93	2.56	<0.05	0.04	0.12	0.026	0.05	9.2	11.9	0.27	376	1.11	0.01

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ALS Canada Ltd.

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VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD023986	0.48	48.6	800	16.0	11.1	0.001	0.05	1.09	4.0	4.8	0.4	31.0	<0.01	0.06	4.1
DD023987	0.55	28.1	570	15.8	12.7	0.001	0.08	1.12	4.6	5.5	0.5	28.4	<0.01	0.06	3.9
DD023988	0.21	25.6	830	13.6	7.4	0.001	0.09	2.02	2.9	2.7	0.3	12.0	<0.01	0.08	1.7
DD023989	0.50	13.8	840	14.8	12.2	0.001	0.06	0.32	1.3	2.2	0.4	14.7	<0.01	0.02	0.7
DD023990	0.25	51.9	740	17.2	9.4	0.001	0.02	0.89	6.5	1.8	0.4	20.3	<0.01	0.08	6.0
DD023991	0.32	58.7	720	19.0	10.6	<0.001	0.03	1.09	8.6	2.0	0.5	28.3	<0.01	0.08	6.4
DD023992	0.33	58.3	640	17.5	11.9	0.001	0.04	0.87	8.2	2.2	0.5	37.1	<0.01	0.08	4.6
DD023993	0.26	62.7	940	17.9	10.6	0.011	0.08	2.05	5.6	4.6	0.5	64.5	<0.01	0.08	2.6
DD023994	0.27	54.6	840	16.6	10.0	0.011	0.05	1.40	5.3	2.8	0.5	45.0	<0.01	0.09	2.8
DD023995	0.33	21.9	340	11.5	6.6	<0.001	0.02	0.82	3.4	1.0	0.3	73.7	<0.01	0.02	3.2
DD023996	0.80	31.5	200	18.6	13.1	<0.001	0.02	0.88	3.4	0.9	0.6	8.0	<0.01	0.05	5.9
DD023997	0.41	42.3	500	25.7	11.4	<0.001	0.02	0.94	5.4	0.9	0.6	13.6	<0.01	0.05	7.2
DD023998	0.52	32.2	490	21.1	11.5	<0.001	0.02	0.56	5.8	0.8	0.6	33.2	<0.01	0.05	5.2
DD023999	0.49	35.9	570	17.6	11.1	<0.001	0.04	0.56	6.8	1.0	0.6	70.7	<0.01	0.06	4.3
DD024000	0.39	38.9	510	18.0	10.0	0.001	0.04	0.57	7.5	0.8	0.5	57.9	<0.01	0.07	4.1
DD025252	0.46	27.4	720	15.0	8.7	0.001	0.08	0.60	4.3	1.0	0.4	84.4	<0.01	0.04	1.7
DD025253	0.46	38.3	580	19.5	8.7	<0.001	0.03	0.72	6.9	0.8	0.5	38.7	<0.01	0.06	5.1
DD025254	0.40	38.3	610	17.4	8.9	0.001	0.04	0.53	7.6	0.8	0.5	41.5	<0.01	0.07	5.1
DD025255	0.32	27.2	580	16.3	8.0	0.001	0.07	0.44	5.0	0.7	0.5	62.6	<0.01	0.05	2.6
DD025256	0.29	36.9	590	19.1	8.1	<0.001	0.02	0.45	7.5	0.7	0.5	24.4	<0.01	0.06	6.6
DD025257	0.54	28.0	570	18.8	9.5	0.001	0.05	0.39	6.1	1.1	0.5	50.2	<0.01	0.06	4.2
DD025258	0.28	39.5	550	18.5	9.1	0.001	0.03	0.49	7.1	0.6	0.5	30.8	<0.01	0.05	7.0
DD025259	0.55	31.5	740	17.8	8.9	<0.001	0.08	0.50	5.3	1.2	0.5	66.6	<0.01	0.06	1.8
DD025260	0.50	28.6	820	15.3	9.0	0.001	0.09	0.56	4.4	1.5	0.4	70.5	<0.01	0.06	1.5
DD025261	0.36	36.4	580	27.7	9.6	0.001	0.06	0.81	6.6	1.6	0.5	49.6	<0.01	0.06	2.8
DD025262	0.37	34.9	500	17.9	8.4	<0.001	0.04	0.38	7.1	1.0	0.4	31.8	<0.01	0.07	4.1
DD025263	0.29	33.3	520	18.3	7.4	<0.001	0.10	0.39	6.4	1.0	0.4	48.6	<0.01	0.08	1.9
DD025264	0.40	30.0	730	14.0	7.0	0.001	0.17	0.33	5.6	1.3	0.4	50.7	<0.01	0.06	2.3
DD025265	0.28	24.3	720	8.6	7.3	0.001	0.20	0.71	2.1	1.6	0.3	49.3	<0.01	0.04	0.5
DD025266	0.27	41.5	450	11.9	6.4	<0.001	0.14	0.85	4.3	2.2	0.4	48.9	<0.01	0.09	1.3
DD025267	0.39	24.0	820	8.2	4.5	0.001	0.20	0.63	2.6	1.5	0.3	45.5	<0.01	0.05	0.7
DD025268	0.29	29.9	730	8.2	5.0	0.002	0.22	0.67	2.4	2.2	0.3	62.0	<0.01	0.05	0.7
DD025269	0.33	21.0	690	11.0	7.8	<0.001	0.15	0.57	1.9	1.5	0.3	65.9	<0.01	0.11	0.4
DD025270	0.27	25.1	830	8.3	5.6	0.001	0.24	0.62	1.7	2.1	0.3	68.4	<0.01	0.05	0.4
DD025271	0.31	28.3	770	9.4	5.0	0.001	0.09	0.67	2.0	2.2	0.3	70.5	<0.01	0.06	0.4
DD025272	0.22	25.0	790	7.5	5.0	0.005	0.10	0.63	1.7	2.4	0.2	57.4	<0.01	0.05	0.4
DD025273	0.26	24.1	900	8.3	5.8	0.006	0.11	0.67	2.0	2.2	0.3	62.7	<0.01	0.05	0.5
DD025274	0.21	29.3	970	9.3	4.9	0.003	0.08	0.71	2.3	2.1	0.3	58.2	<0.01	0.06	0.6
DD025275	0.27	30.1	860	11.2	6.8	0.005	0.10	0.55	2.4	2.1	0.3	50.8	<0.01	0.06	0.6
DD025276	0.30	26.3	680	9.7	5.9	0.001	0.07	0.60	2.0	1.8	0.3	50.6	<0.01	0.06	0.5

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD023986		0.007	0.25	2.36	54	0.11	16.05	204	1.4
DD023987		0.008	0.33	2.28	32	0.07	19.75	95	0.9
DD023988		0.005	0.12	1.86	23	<0.05	16.35	133	0.5
DD023989		0.006	0.56	1.79	23	0.07	10.45	44	<0.5
DD023990		0.008	0.21	1.39	64	<0.05	19.60	211	2.1
DD023991		0.008	0.20	1.25	70	0.05	22.0	199	4.0
DD023992		0.005	0.20	1.67	67	0.06	22.9	202	3.4
DD023993		<0.005	0.31	4.33	109	0.09	24.2	310	2.0
DD023994		<0.005	0.31	2.77	105	0.07	23.9	374	2.5
DD023995		0.006	0.66	2.04	49	0.12	15.65	69	1.5
DD023996		0.010	0.15	0.77	70	0.17	5.15	108	2.1
DD023997		0.007	0.14	1.07	66	0.12	10.95	144	1.9
DD023998		0.008	0.13	1.30	51	0.13	11.45	109	1.4
DD023999		0.007	0.10	0.81	47	0.10	12.30	98	3.2
DD024000		0.008	0.11	1.10	49	0.07	13.55	98	2.9
DD025252		0.007	0.09	1.49	43	0.09	10.05	101	1.8
DD025253		0.008	0.10	1.03	50	0.08	12.90	147	3.3
DD025254		0.008	0.09	0.77	43	0.07	13.15	105	4.1
DD025255		0.006	0.09	0.98	35	0.05	9.98	85	2.7
DD025256		0.007	0.08	0.75	41	<0.05	13.70	98	4.7
DD025257		0.006	0.08	3.06	41	0.08	10.60	79	2.4
DD025258		0.006	0.09	0.87	37	0.05	13.85	88	4.6
DD025259		0.009	0.10	1.35	41	0.09	12.10	102	1.6
DD025260		0.009	0.09	3.09	38	0.08	9.09	114	1.5
DD025261		0.006	0.12	1.32	57	0.05	14.40	144	2.1
DD025262		0.008	0.08	0.87	49	0.05	10.80	117	2.6
DD025263		0.007	0.08	1.03	50	0.06	11.75	106	2.0
DD025264		0.012	0.07	1.15	47	0.09	9.66	114	1.8
DD025265		0.005	0.11	2.60	64	0.08	13.20	89	1.3
DD025266		0.005	0.09	1.47	60	0.05	24.5	128	2.1
DD025267		0.010	0.08	1.97	51	0.10	18.40	87	1.4
DD025268		0.005	0.08	2.67	43	0.06	16.50	91	1.7
DD025269		0.007	0.09	0.75	41	0.07	35.5	154	1.0
DD025270		0.005	0.08	1.71	37	0.06	17.70	96	1.4
DD025271		0.005	0.07	2.80	39	0.07	18.70	83	1.7
DD025272		<0.005	0.08	2.15	36	<0.05	13.35	105	1.4
DD025273		<0.005	0.08	2.36	39	0.06	15.05	82	1.6
DD025274		<0.005	0.07	1.40	41	<0.05	16.40	119	1.5
DD025275		0.005	0.08	1.73	40	<0.05	15.25	95	1.5
DD025276		0.005	0.09	2.08	41	0.06	16.40	100	1.3

***** See Appendix Page for comments regarding this certificate *****

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
DD025277		0.15	0.002	0.59	0.80	6.7	<0.2	<10	900	0.45	0.12	3.33	0.89	11.30	5.4	19
DD025278		0.18	0.003	0.60	0.78	8.2	<0.2	<10	970	0.51	0.12	3.31	0.77	12.30	5.6	19
DD025279		0.16	0.004	0.58	0.72	8.1	<0.2	<10	1300	0.48	0.12	2.73	0.67	10.20	5.3	19
DD025280		0.15	0.004	0.82	0.78	8.0	<0.2	<10	1170	0.51	0.12	3.00	0.78	9.81	5.2	21
DD025281		0.10	<0.001	0.18	0.66	2.0	<0.2	<10	250	0.28	0.11	1.16	1.93	11.80	3.2	18
DD025282		0.11	0.003	0.59	0.84	9.7	<0.2	<10	680	0.55	0.12	4.52	0.70	10.10	5.1	23
DD025283		0.14	0.001	0.22	1.04	3.5	<0.2	<10	440	0.44	0.16	1.34	7.20	11.50	7.6	20
DD025284		0.31	0.002	0.24	1.72	11.2	<0.2	<10	200	0.44	0.23	0.06	0.37	28.6	4.7	26
DD025285		0.22	0.005	0.38	1.56	10.9	<0.2	<10	1270	0.57	0.18	0.52	0.57	16.50	5.8	31
DD025286		0.17	0.001	0.36	1.39	8.4	<0.2	<10	1780	0.94	0.15	1.53	0.43	18.50	6.1	28
DD025287		0.26	0.004	0.96	1.08	14.8	<0.2	<10	2970	0.75	0.18	1.50	1.22	13.65	8.9	25
DD025288		0.16	0.004	0.82	0.98	8.9	<0.2	<10	2460	0.65	0.17	2.32	1.11	12.95	7.4	21
DD025289		0.19	0.003	0.70	0.74	8.6	<0.2	<10	1780	0.50	0.13	2.45	0.97	9.77	5.7	18
DD025290		0.10	0.002	0.69	0.73	10.2	<0.2	<10	1350	0.54	0.13	2.53	1.17	9.97	5.8	18
DD025291		0.17	0.003	0.59	0.73	9.0	<0.2	<10	1390	0.52	0.13	3.31	1.02	8.47	5.6	17
DD025292		0.10	0.002	0.71	0.75	8.1	<0.2	<10	1440	0.55	0.13	3.15	1.07	8.64	6.0	18
DD025293		0.30	0.003	0.11	1.26	21.8	<0.2	<10	230	0.65	0.20	0.77	0.31	21.7	15.1	21
DD025294		0.26	0.002	0.15	1.25	21.0	<0.2	<10	190	0.76	0.22	0.99	0.39	21.8	17.2	21
DD025295		0.26	0.003	0.18	1.30	27.2	<0.2	<10	200	0.77	0.23	0.47	0.30	23.9	15.4	23
DD025296		0.19	0.003	0.06	1.35	24.4	<0.2	<10	140	0.76	0.24	0.58	0.42	23.9	17.2	23
DD025297		0.27	0.002	0.14	1.32	26.2	<0.2	<10	210	0.79	0.23	1.24	0.37	22.8	18.5	22
DD025298		0.25	0.003	0.11	1.23	25.6	<0.2	<10	190	0.67	0.21	1.10	0.33	20.9	16.8	21
DD025299		0.28	0.004	0.19	1.24	27.7	<0.2	<10	230	0.83	0.25	0.95	0.41	21.9	16.6	21
DD025300		0.23	0.003	0.13	1.24	22.1	<0.2	<10	200	0.81	0.24	0.58	0.21	24.3	14.1	21
DD025301		0.18	0.003	0.06	1.33	26.7	<0.2	<10	130	0.83	0.27	0.59	0.21	21.8	15.4	22
DD025302		0.34	0.003	0.14	1.78	9.4	<0.2	<10	220	0.91	0.24	1.41	0.28	21.4	16.5	28
DD025303		0.37	0.003	0.14	1.78	6.7	<0.2	<10	220	0.80	0.23	0.97	0.39	26.0	13.8	30
DD025304		0.30	0.003	0.12	1.78	7.2	<0.2	<10	250	0.80	0.22	1.31	0.29	23.9	13.4	29
DD025305		0.31	0.003	0.10	1.92	8.1	<0.2	<10	200	0.87	0.23	1.17	0.34	22.4	15.7	29
DD025306		0.29	0.003	0.12	1.64	7.4	<0.2	<10	220	0.78	0.21	1.24	0.31	21.7	12.9	27
DD025307		0.31	0.003	0.10	1.88	8.9	<0.2	<10	210	0.94	0.24	0.81	0.38	26.4	17.7	29
DD025308		0.20	0.004	0.17	1.73	7.3	<0.2	<10	200	0.94	0.22	1.61	0.29	20.3	12.6	27
DD025309		0.32	0.003	0.11	1.75	9.6	<0.2	<10	180	0.89	0.27	0.64	0.11	37.0	11.0	29
DD025310		0.25	0.002	0.13	1.85	6.4	<0.2	<10	240	0.83	0.19	1.69	0.19	21.2	13.2	28
DD025311		0.31	0.003	0.11	2.09	8.8	<0.2	<10	220	0.99	0.24	0.74	0.18	27.9	16.4	33
DD025312		0.23	0.004	0.21	1.48	7.3	<0.2	<10	380	1.15	0.23	1.42	0.69	32.6	17.2	25
DD025313		0.23	0.002	0.09	1.37	7.4	<0.2	<10	260	1.12	0.18	1.81	0.23	32.0	10.5	22
DD025314		0.38	0.003	0.10	2.04	9.0	<0.2	<10	200	0.91	0.24	0.39	0.29	30.5	17.1	32
DD025315		0.32	0.004	0.12	1.55	10.7	<0.2	<10	250	0.95	0.23	0.62	0.38	23.1	11.2	27
DD025316		0.32	0.003	0.16	1.93	10.0	<0.2	<10	440	1.03	0.24	1.01	0.77	20.1	14.4	29

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
DD025277		0.39	22.6	1.53	1.96	<0.05	0.04	0.12	0.018	0.05	8.4	7.3	0.22	371	0.74	0.01
DD025278		0.39	23.9	1.49	2.11	<0.05	0.04	0.10	0.017	0.04	8.7	7.5	0.21	336	0.70	0.01
DD025279		0.33	22.8	1.59	1.82	<0.05	0.05	0.09	0.021	0.05	6.5	6.5	0.20	234	1.25	0.01
DD025280		0.34	28.6	1.67	2.04	<0.05	0.05	0.15	0.023	0.05	8.5	6.2	0.25	253	1.66	0.01
DD025281		0.42	6.2	1.28	2.01	<0.05	0.02	0.02	0.018	0.03	10.2	4.2	0.23	244	1.20	0.01
DD025282		0.46	19.4	1.82	2.08	<0.05	0.04	0.10	0.022	0.07	8.6	5.9	1.80	217	2.07	0.01
DD025283		0.48	13.9	1.77	3.26	<0.05	0.02	0.04	0.022	0.03	5.8	5.1	0.34	479	0.85	0.01
DD025284		1.04	9.2	2.69	5.95	<0.05	0.07	0.03	0.023	0.05	14.0	16.4	0.25	174	1.57	0.01
DD025285		0.67	12.5	2.54	4.25	<0.05	0.04	0.07	0.028	0.07	9.8	11.7	0.23	223	2.35	0.01
DD025286		0.46	13.1	2.28	3.27	0.05	0.04	0.07	0.027	0.06	17.8	7.0	0.27	291	2.09	0.01
DD025287		0.57	46.4	2.85	2.88	<0.05	0.06	0.16	0.034	0.10	6.7	11.2	0.26	333	4.32	0.01
DD025288		0.39	35.2	2.08	2.54	<0.05	0.06	0.14	0.024	0.07	6.5	10.7	0.26	325	1.95	0.01
DD025289		0.33	29.7	1.83	1.90	<0.05	0.05	0.12	0.021	0.07	5.1	8.4	0.27	230	1.68	0.01
DD025290		0.38	29.6	1.79	2.02	0.05	0.05	0.13	0.023	0.07	6.9	8.0	0.26	241	1.79	0.01
DD025291		0.38	25.6	1.71	1.92	<0.05	0.05	0.11	0.022	0.06	5.9	7.5	0.26	257	1.58	0.01
DD025292		0.40	34.8	1.81	1.83	<0.05	0.05	0.15	0.018	0.05	5.9	7.7	0.18	349	0.85	0.01
DD025293		0.97	43.0	3.79	3.51	0.05	0.07	0.08	0.024	0.06	9.8	31.2	0.97	577	0.94	0.01
DD025294		1.16	49.6	3.58	3.63	0.05	0.07	0.15	0.029	0.06	9.8	29.5	1.03	433	1.12	0.01
DD025295		1.06	49.2	3.61	3.75	<0.05	0.07	0.13	0.027	0.07	10.7	30.1	0.69	416	1.08	0.01
DD025296		0.80	42.6	3.96	3.70	<0.05	0.11	0.10	0.026	0.09	11.0	28.5	0.74	686	1.06	0.01
DD025297		1.17	50.7	4.01	3.81	0.05	0.07	0.10	0.027	0.06	10.2	31.7	1.10	698	1.12	0.01
DD025298		1.16	43.7	3.84	3.49	0.05	0.06	0.10	0.025	0.06	9.2	29.1	1.08	622	1.00	0.01
DD025299		1.29	51.1	3.93	3.74	0.06	0.07	0.16	0.028	0.06	9.1	30.5	0.96	378	1.17	<0.01
DD025300		0.83	43.7	3.80	3.68	0.05	0.07	0.11	0.030	0.08	10.7	29.8	0.78	370	0.92	<0.01
DD025301		0.93	46.2	3.92	3.84	0.05	0.09	0.13	0.027	0.07	9.4	30.3	0.75	488	0.93	<0.01
DD025302		0.99	65.0	4.36	4.96	<0.05	0.08	0.10	0.029	0.10	9.6	30.4	1.13	593	0.76	<0.01
DD025303		0.69	52.7	3.73	5.30	0.07	0.08	0.10	0.029	0.09	12.1	31.2	0.91	532	0.59	<0.01
DD025304		0.66	58.1	3.87	5.01	<0.05	0.07	0.22	0.030	0.09	11.1	29.7	1.00	659	0.57	<0.01
DD025305		0.73	66.8	4.37	5.39	0.05	0.08	0.10	0.031	0.10	9.9	29.5	1.05	741	0.62	<0.01
DD025306		0.62	50.9	3.56	4.73	0.05	0.07	0.07	0.025	0.08	9.8	27.1	0.83	842	0.74	<0.01
DD025307		0.81	70.1	4.61	5.53	0.06	0.08	0.05	0.030	0.11	11.9	32.4	1.03	1140	0.83	<0.01
DD025308		0.80	71.2	3.58	4.81	<0.05	0.06	0.12	0.032	0.10	9.3	27.7	0.84	592	0.59	<0.01
DD025309		1.51	16.1	2.88	5.78	<0.05	0.03	0.03	0.030	0.06	13.9	15.6	0.46	589	0.90	<0.01
DD025310		0.66	56.5	3.66	5.25	0.05	0.05	0.08	0.029	0.09	9.3	25.3	0.87	561	0.49	<0.01
DD025311		0.70	61.0	4.57	5.89	0.06	0.08	0.09	0.036	0.09	13.0	30.9	1.00	487	0.61	<0.01
DD025312		0.77	31.7	3.50	4.49	0.05	0.07	0.08	0.036	0.10	14.6	20.9	0.53	1140	0.55	<0.01
DD025313		0.73	28.0	3.36	3.80	0.05	0.07	0.06	0.029	0.12	15.9	16.6	0.52	547	0.63	<0.01
DD025314		0.79	79.5	4.79	6.10	0.05	0.11	0.09	0.034	0.11	14.4	31.5	1.08	629	0.62	<0.01
DD025315		0.84	38.4	3.85	4.50	<0.05	0.07	0.06	0.030	0.09	11.0	22.2	0.67	501	1.13	<0.01
DD025316		0.89	47.6	3.88	5.18	<0.05	0.09	0.09	0.029	0.10	8.7	26.3	0.69	500	1.05	<0.01

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CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
DD025277		0.28	21.6	710	7.5	5.5	0.001	0.08	0.59	1.8	1.8	0.2	56.9	<0.01	0.04	0.4
DD025278		0.30	21.8	670	7.4	5.7	0.001	0.09	0.55	2.0	2.2	0.3	63.0	<0.01	0.06	0.5
DD025279		0.23	26.1	640	7.4	4.5	0.003	0.06	0.65	2.1	1.8	0.3	67.6	<0.01	0.05	0.6
DD025280		0.23	27.8	790	7.6	4.5	<0.001	0.08	0.71	1.8	2.2	0.3	59.4	<0.01	0.07	0.4
DD025281		0.30	9.0	420	7.4	3.2	<0.001	0.01	0.23	1.8	0.7	0.3	25.9	<0.01	0.03	0.6
DD025282		0.20	30.2	900	8.3	6.3	<0.001	0.05	0.68	1.7	1.7	0.3	81.6	<0.01	0.05	0.4
DD025283		0.42	13.2	380	10.5	3.7	<0.001	0.01	0.29	1.8	0.4	0.5	32.0	<0.01	0.06	0.6
DD025284		1.18	12.3	260	13.1	8.5	<0.001	<0.01	0.40	2.3	1.3	0.7	8.0	<0.01	0.04	4.3
DD025285		0.49	24.8	430	10.8	10.6	<0.001	<0.01	0.54	3.3	1.1	0.5	16.4	<0.01	0.06	1.8
DD025286		0.31	25.2	450	9.8	6.4	<0.001	0.02	0.58	3.7	1.4	0.4	27.1	<0.01	0.06	1.4
DD025287		0.25	49.4	1000	12.7	6.8	0.001	0.08	1.36	4.2	2.4	0.4	85.8	<0.01	0.07	1.6
DD025288		0.27	33.4	800	11.2	5.9	0.004	0.07	0.84	3.3	2.2	0.3	83.9	<0.01	0.06	1.2
DD025289		0.16	29.4	750	9.0	5.1	0.004	0.09	0.85	2.5	2.2	0.3	78.7	<0.01	0.05	0.7
DD025290		0.17	30.6	780	8.8	5.8	0.004	0.09	0.81	2.4	2.6	0.3	63.3	<0.01	0.05	0.6
DD025291		0.17	27.7	700	8.4	5.4	0.003	0.09	0.76	2.1	2.2	0.3	68.4	<0.01	0.06	0.5
DD025292		0.16	30.5	890	8.2	5.4	0.003	0.10	0.80	2.0	2.5	0.2	69.7	<0.01	0.06	0.4
DD025293		0.07	31.8	730	17.6	3.7	0.001	0.01	0.48	4.1	1.1	0.2	25.8	<0.01	0.07	3.5
DD025294		0.09	34.0	720	20.1	4.2	0.001	0.01	0.52	4.7	1.1	0.2	32.2	<0.01	0.06	3.4
DD025295		0.14	33.6	750	19.5	4.7	0.001	0.01	0.54	4.9	1.3	0.3	30.7	<0.01	0.07	3.1
DD025296		0.13	30.7	580	19.8	4.7	<0.001	0.02	0.55	4.8	0.9	0.2	28.1	<0.01	0.07	2.8
DD025297		0.10	35.0	740	20.5	4.6	<0.001	0.02	0.52	5.1	1.0	0.2	40.4	<0.01	0.07	3.4
DD025298		0.06	32.5	660	18.4	4.2	<0.001	0.01	0.50	4.3	0.8	0.2	33.1	<0.01	0.06	3.4
DD025299		0.13	34.4	710	21.4	5.1	<0.001	0.05	0.69	5.2	1.2	0.3	34.8	<0.01	0.07	3.4
DD025300		0.13	30.7	660	22.6	4.6	<0.001	0.03	0.53	4.6	0.9	0.2	22.7	<0.01	0.07	3.3
DD025301		0.16	30.0	630	19.4	5.0	<0.001	0.04	0.57	4.9	1.1	0.2	28.4	<0.01	0.07	3.0
DD025302		0.23	31.5	620	17.1	6.1	<0.001	0.04	0.46	6.3	1.2	0.3	45.1	<0.01	0.07	2.5
DD025303		0.43	30.4	680	14.9	7.1	<0.001	0.05	0.41	6.4	1.2	0.4	40.1	<0.01	0.04	2.6
DD025304		0.30	28.0	760	15.2	6.5	0.001	0.06	0.46	6.0	1.4	0.4	47.8	<0.01	0.07	2.1
DD025305		0.20	30.9	580	15.2	6.5	<0.001	0.05	0.39	6.6	0.9	0.3	46.0	<0.01	0.08	1.9
DD025306		0.33	26.3	700	12.3	7.2	<0.001	0.06	0.40	5.2	1.1	0.3	50.9	<0.01	0.07	1.7
DD025307		0.17	35.5	700	15.1	6.6	<0.001	0.03	0.40	6.7	1.0	0.3	36.8	<0.01	0.09	2.7
DD025308		0.31	27.1	830	13.2	7.8	<0.001	0.07	0.51	5.1	1.5	0.3	53.0	<0.01	0.05	1.2
DD025309		1.04	18.1	390	14.8	9.9	<0.001	0.02	0.46	3.3	0.7	0.6	24.1	<0.01	0.03	2.3
DD025310		0.26	27.0	720	11.3	7.4	<0.001	0.06	0.35	5.2	1.1	0.3	63.0	<0.01	0.07	1.3
DD025311		0.27	33.6	490	16.9	7.3	<0.001	0.02	0.35	7.4	1.0	0.4	30.0	<0.01	0.07	3.0
DD025312		0.78	29.4	710	16.0	10.3	<0.001	0.08	0.49	5.5	1.7	0.5	58.5	<0.01	0.04	2.7
DD025313		0.46	23.3	680	12.5	9.5	<0.001	0.06	0.34	4.8	0.9	0.4	77.9	<0.01	0.03	1.7
DD025314		0.14	35.4	690	18.1	6.9	<0.001	0.01	0.36	8.7	1.3	0.4	24.1	<0.01	0.08	4.2
DD025315		0.47	26.4	490	19.6	7.7	<0.001	0.02	0.49	6.5	0.9	0.4	27.3	<0.01	0.05	3.1
DD025316		0.40	27.6	820	14.8	10.2	0.001	0.13	0.39	5.5	1.5	0.5	41.3	<0.01	0.06	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
DD025277		0.006	0.08	2.63	37	0.05	17.05	85	1.4
DD025278		0.006	0.08	2.80	39	0.05	17.80	66	1.5
DD025279		0.005	0.08	2.04	41	0.06	15.20	94	1.6
DD025280		0.005	0.10	2.46	44	0.05	19.80	86	1.7
DD025281		0.013	0.07	0.99	56	0.05	13.25	230	0.6
DD025282		0.005	0.13	0.66	47	0.06	18.35	99	1.2
DD025283		0.015	0.07	0.46	65	0.12	4.75	103	0.5
DD025284		0.026	0.15	0.73	66	0.22	3.15	63	3.0
DD025285		0.006	0.15	1.01	82	0.10	11.10	129	1.2
DD025286		<0.005	0.14	1.30	74	0.06	26.2	104	1.3
DD025287		0.005	0.20	1.95	66	0.06	16.40	185	2.3
DD025288		0.005	0.10	1.94	53	0.07	14.95	110	2.2
DD025289		<0.005	0.11	1.62	43	<0.05	13.20	119	2.1
DD025290		<0.005	0.12	1.41	41	0.05	16.90	133	2.0
DD025291		<0.005	0.11	1.63	40	0.07	14.15	109	1.7
DD025292		<0.005	0.10	3.24	37	<0.05	16.25	92	1.7
DD025293		<0.005	0.07	0.60	31	<0.05	8.08	108	2.8
DD025294		<0.005	0.09	0.75	33	<0.05	9.86	122	2.8
DD025295		0.005	0.09	0.73	35	<0.05	10.30	111	2.5
DD025296		<0.005	0.08	0.84	35	0.09	9.38	123	2.8
DD025297		<0.005	0.09	0.71	33	<0.05	10.30	117	2.5
DD025298		<0.005	0.08	0.67	32	<0.05	8.08	114	2.5
DD025299		<0.005	0.12	0.79	33	0.06	9.95	117	2.7
DD025300		<0.005	0.08	0.74	31	<0.05	8.95	110	2.4
DD025301		<0.005	0.09	0.74	33	<0.05	8.63	97	2.9
DD025302		0.007	0.10	0.77	42	<0.05	10.70	106	2.9
DD025303		0.013	0.09	0.78	46	0.07	10.45	116	2.3
DD025304		0.009	0.09	1.08	44	0.05	10.90	110	2.2
DD025305		0.007	0.09	0.83	47	<0.05	10.95	99	2.3
DD025306		0.011	0.07	1.67	41	0.06	9.94	104	2.1
DD025307		0.007	0.09	1.07	47	<0.05	11.10	104	2.7
DD025308		0.009	0.08	1.46	41	0.05	11.60	90	1.8
DD025309		0.030	0.14	1.53	55	0.19	6.85	71	0.7
DD025310		0.007	0.07	0.92	45	0.05	9.19	74	1.6
DD025311		0.007	0.09	0.59	52	0.06	12.50	101	2.5
DD025312		0.013	0.13	2.04	44	0.10	10.95	111	3.2
DD025313		0.008	0.10	0.80	34	0.05	9.91	88	3.1
DD025314		0.007	0.09	0.45	51	<0.05	12.70	123	4.7
DD025315		0.013	0.09	0.83	43	0.11	10.45	147	2.1
DD025316		0.005	0.10	2.34	46	0.06	9.60	134	2.7

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
DD025317		0.17	0.003	0.10	1.56	6.2	<0.2	<10	300	0.82	0.21	1.90	0.35	16.30	12.4	23
DD025318		0.24	0.003	0.09	1.86	9.7	<0.2	<10	280	1.08	0.25	0.93	0.25	23.5	16.8	29
DD025319		0.20	0.005	0.26	1.63	16.6	<0.2	<10	320	0.78	0.24	1.28	0.28	19.15	14.2	33
DD025320		0.33	0.002	0.17	1.34	8.3	<0.2	<10	280	0.96	0.23	1.19	0.53	22.3	10.8	26
DD025321		0.14	0.005	0.49	1.92	121.5	<0.2	<10	310	1.62	0.24	1.32	1.88	53.1	11.2	36
DD025322		0.31	0.002	0.23	1.76	17.8	<0.2	<10	800	0.98	0.24	0.24	0.94	19.60	13.8	29
DD025323		0.19	<0.001	0.51	1.21	16.2	<0.2	<10	560	0.75	0.16	0.83	2.54	19.25	12.9	24
DD025324		0.38	0.004	0.59	1.35	20.1	<0.2	<10	610	0.95	0.22	0.85	1.89	21.6	11.9	27
DD025325		0.24	0.005	0.78	1.29	15.1	<0.2	<10	700	1.00	0.21	1.44	2.95	19.50	12.7	26
DD025326		0.11	<0.001	0.71	1.02	8.4	<0.2	<10	580	0.98	0.16	2.49	2.73	14.00	8.6	18
DD025327		0.38	0.004	0.28	1.23	12.0	<0.2	<10	220	0.87	0.24	0.30	0.59	23.9	11.8	24
DD025328		0.29	0.005	0.23	1.52	10.2	<0.2	<10	140	0.88	0.27	0.27	0.57	25.4	13.4	27
DD025329		0.30	0.003	0.23	1.64	9.2	<0.2	<10	190	1.01	0.24	0.87	0.74	24.4	15.9	28
DD025330		0.29	0.003	0.21	1.93	9.6	<0.2	<10	200	1.09	0.27	0.57	1.04	28.1	20.0	32
DD025331		0.15	0.006	0.35	1.83	9.6	<0.2	10	390	1.16	0.22	1.27	1.96	20.4	16.1	27
DD025332		0.18	0.003	0.34	1.47	11.9	<0.2	<10	250	1.01	0.26	0.69	0.79	28.0	13.8	25

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD025317		0.58	47.4	3.25	4.55	<0.05	0.05	0.06	0.027	0.08	6.7	22.5	0.71	635	0.55	<0.01
DD025318		0.70	52.3	4.18	5.51	0.05	0.07	0.06	0.031	0.10	10.5	29.4	0.88	664	0.94	<0.01
DD025319		0.71	35.6	4.12	4.78	<0.05	0.04	0.10	0.031	0.06	8.2	24.6	0.69	943	1.52	<0.01
DD025320		0.64	45.1	2.91	3.92	<0.05	0.07	0.23	0.024	0.08	10.5	19.9	0.61	456	1.34	<0.01
DD025321		0.98	29.0	3.59	4.18	0.09	0.06	3.62	0.040	0.07	27.9	14.5	0.37	488	13.20	<0.01
DD025322		0.89	43.5	4.32	4.73	<0.05	0.05	0.13	0.034	0.09	8.4	27.4	0.52	606	4.21	<0.01
DD025323		0.54	37.4	3.14	3.64	<0.05	0.05	1.01	0.026	0.08	8.7	19.4	0.58	635	3.17	<0.01
DD025324		0.68	52.6	3.37	3.96	0.05	0.07	0.35	0.031	0.09	11.8	19.8	0.57	598	4.22	<0.01
DD025325		0.63	53.6	2.98	3.64	0.05	0.06	0.31	0.027	0.10	9.6	18.2	0.47	934	2.39	<0.01
DD025326		0.54	57.3	2.03	2.63	<0.05	0.07	0.26	0.024	0.08	7.3	11.9	0.42	1360	1.65	<0.01
DD025327		0.92	47.5	3.13	3.79	<0.05	0.05	0.23	0.027	0.10	10.8	20.7	0.53	445	2.68	<0.01
DD025328		1.20	54.5	3.86	4.92	0.07	0.06	0.12	0.029	0.10	11.0	28.4	0.72	421	1.56	<0.01
DD025329		1.13	54.7	3.81	5.19	0.06	0.09	0.19	0.034	0.13	11.4	29.5	0.77	476	1.61	<0.01
DD025330		1.04	60.5	4.36	5.91	0.06	0.09	0.14	0.033	0.16	11.6	32.2	0.97	678	1.91	<0.01
DD025331		1.02	75.2	3.87	5.12	0.06	0.08	0.17	0.031	0.15	9.2	23.9	0.71	585	1.81	<0.01
DD025332		0.80	62.4	3.61	5.08	0.05	0.08	0.61	0.031	0.10	12.6	28.0	0.66	530	3.32	<0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
DD025317		0.30	24.5	690	12.8	7.0	<0.001	0.08	0.39	3.7	1.0	0.3	62.3	<0.01	0.05	1.1
DD025318		0.32	30.2	430	15.9	7.4	<0.001	0.03	0.41	6.2	1.0	0.4	24.3	<0.01	0.06	2.3
DD025319		0.49	26.2	780	23.3	6.3	<0.001	0.06	0.92	4.5	1.5	0.4	25.9	<0.01	0.07	1.3
DD025320		0.52	26.6	670	13.2	6.9	0.001	0.04	0.60	4.9	0.9	0.4	29.4	<0.01	0.04	2.6
DD025321		0.56	59.0	780	20.0	12.1	0.004	0.05	2.67	6.0	2.3	0.6	18.7	<0.01	0.08	2.8
DD025322		0.26	35.5	490	18.1	9.5	0.001	0.03	0.94	4.5	1.4	0.5	20.4	<0.01	0.06	3.0
DD025323		0.20	46.6	870	12.6	6.9	0.004	0.05	1.15	4.1	2.3	0.3	40.3	<0.01	0.06	2.5
DD025324		0.33	50.7	900	13.8	7.8	0.004	0.04	1.49	5.6	2.7	0.4	38.8	<0.01	0.08	2.6
DD025325		0.26	57.6	800	13.5	8.8	0.004	0.07	1.29	4.7	3.0	0.4	60.7	<0.01	0.06	1.5
DD025326		0.24	42.0	970	9.8	7.7	0.003	0.12	1.49	2.6	3.2	0.3	86.9	<0.01	0.06	0.8
DD025327		0.35	39.1	670	12.9	8.6	<0.001	0.02	1.09	5.0	1.6	0.4	20.9	<0.01	0.07	4.1
DD025328		0.31	37.1	710	14.4	8.6	<0.001	0.02	0.74	5.2	1.5	0.4	20.1	<0.01	0.07	3.7
DD025329		0.34	38.0	700	15.2	8.9	0.001	0.05	0.76	6.8	1.8	0.4	46.1	<0.01	0.08	3.1
DD025330		0.31	45.0	600	16.9	9.1	<0.001	0.03	0.73	7.7	1.9	0.5	35.1	<0.01	0.07	3.3
DD025331		0.30	50.0	810	13.9	10.3	0.001	0.08	0.89	6.0	4.2	0.4	74.4	<0.01	0.06	1.8
DD025332		0.26	43.7	730	18.3	8.2	0.001	0.04	1.27	5.6	3.0	0.4	38.8	<0.01	0.07	3.5

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VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13157930

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD025317		0.007	0.08	0.86	35	<0.05	7.11	101	1.8
DD025318		0.008	0.09	0.83	43	0.05	11.30	101	2.0
DD025319		0.013	0.13	5.93	56	0.14	8.19	64	1.3
DD025320		0.012	0.10	1.49	42	0.13	10.75	102	2.2
DD025321		0.008	0.42	4.80	141	0.17	25.3	231	1.8
DD025322		<0.005	0.19	0.96	77	0.06	7.95	195	2.2
DD025323		<0.005	0.17	2.14	83	0.06	12.95	271	1.8
DD025324		0.007	0.23	3.00	78	0.08	16.85	244	2.2
DD025325		0.005	0.23	2.41	85	0.05	18.15	294	2.0
DD025326		0.005	0.17	2.69	50	0.06	15.40	184	2.0
DD025327		0.010	0.18	1.41	52	0.08	11.05	180	2.1
DD025328		0.011	0.18	0.81	47	0.06	10.45	125	2.3
DD025329		0.009	0.15	0.95	49	0.06	12.60	131	3.1
DD025330		0.008	0.14	1.09	58	0.05	11.35	145	3.1
DD025331		0.005	0.18	3.71	59	0.05	15.00	177	2.2
DD025332		0.006	0.16	1.53	61	0.05	13.10	164	3.0

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CERTIFICATE OF ANALYSIS WH13157930

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

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Finalized Date: 20-AUG-2013
Account: RCM

CERTIFICATE WH13141814

Project: RAV

P.O. No.: SO13-R1

This report is for 215 Soil samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ86001		0.21	0.007	0.41	1.25	30.4	<0.2	<10	400	0.59	1.74	2.60	1.55	19.95	10.6	29
ZZ86002		0.38	0.009	0.35	1.42	28.8	<0.2	<10	340	0.60	0.82	3.64	1.53	22.2	14.0	38
ZZ86003		0.34	0.007	0.30	1.23	31.4	<0.2	<10	390	0.56	0.68	5.24	1.79	23.7	11.6	32
ZZ86004		0.33	0.012	0.37	1.44	35.1	<0.2	<10	330	0.64	0.77	2.52	1.14	24.0	13.7	36
ZZ86005		0.29	0.006	0.29	1.16	28.4	<0.2	<10	370	0.59	0.70	1.92	1.52	21.9	13.8	29
ZZ86006		0.32	0.009	0.46	1.64	30.5	<0.2	<10	540	0.74	1.55	2.72	1.64	22.3	14.9	41
ZZ86007		0.31	0.041	0.30	1.11	33.7	<0.2	<10	340	0.50	1.24	3.49	1.50	21.4	11.5	28
ZZ86008		0.26	0.009	0.36	1.21	25.8	<0.2	<10	350	0.56	1.81	3.00	1.37	19.15	8.6	29
ZZ86009		0.24	0.008	0.39	1.25	29.2	<0.2	<10	340	0.57	1.70	2.49	1.33	20.8	10.8	30
ZZ86010		0.25	0.019	0.38	1.21	26.0	<0.2	<10	370	0.59	1.59	2.61	1.81	19.10	10.6	28
ZZ86011		0.20	0.009	0.40	1.26	29.6	<0.2	<10	350	0.57	1.83	2.26	1.68	20.1	12.1	31
ZZ86012		0.53	0.016	0.74	1.28	88.4	<0.2	<10	530	0.60	1.25	3.94	3.21	31.1	16.3	38
ZZ86013		0.43	0.012	0.41	1.00	57.1	<0.2	<10	320	0.48	1.27	2.62	1.23	25.2	13.6	26
ZZ86014		0.51	0.014	0.34	0.95	40.8	<0.2	<10	380	0.42	1.11	3.20	1.48	20.3	12.9	26
ZZ86016		0.33	0.013	0.38	1.22	22.8	<0.2	<10	370	0.55	1.42	2.64	1.30	22.9	12.1	29
ZZ86017		0.34	0.009	0.50	1.20	33.4	<0.2	<10	360	0.56	1.41	2.54	1.59	22.2	10.9	29
ZZ86018		0.23	0.008	0.45	1.40	39.5	<0.2	<10	410	0.63	1.83	1.62	1.32	22.4	13.9	33
ZZ86019		0.26	0.007	0.40	1.22	39.9	<0.2	<10	400	0.57	1.55	1.92	1.19	22.2	11.9	29
ZZ86020		0.31	0.010	0.50	1.22	126.5	<0.2	<10	520	0.68	1.72	2.40	2.55	21.8	16.6	30
ZZ86021		0.30	0.013	0.46	1.19	48.6	<0.2	10	430	0.56	1.60	3.46	2.17	21.2	13.3	29
ZZ86022		0.22	0.008	0.41	1.13	50.2	<0.2	20	320	0.56	1.94	2.20	2.21	17.75	11.0	30
ZZ86023		0.24	0.029	0.39	1.26	27.9	<0.2	<10	430	0.62	1.80	2.42	2.05	20.2	11.0	29
ZZ86024		0.35	0.012	0.40	1.32	32.5	<0.2	<10	410	0.58	1.94	2.85	1.36	21.6	12.0	31
ZZ86025		0.36	0.006	0.37	1.22	29.6	<0.2	<10	370	0.57	1.70	2.72	1.26	20.1	10.6	28
ZZ86026		0.20	0.007	0.39	1.38	32.3	<0.2	<10	510	0.67	1.30	2.06	2.06	20.8	14.9	31
ZZ86027		0.19	0.004	0.31	0.92	16.3	<0.2	<10	440	0.40	0.81	3.13	1.49	12.25	7.6	21
ZZ86028		0.23	0.009	0.41	1.11	45.1	<0.2	<10	500	0.57	1.18	2.42	1.96	22.0	12.9	23
ZZ86029		0.15	0.015	0.30	0.70	24.3	<0.2	<10	530	0.31	0.53	3.78	1.60	11.05	8.0	19
ZZ86030		0.28	0.009	0.38	1.22	33.2	<0.2	<10	390	0.56	1.63	3.25	1.70	21.7	11.0	29
ZZ86031		0.20	0.009	0.43	1.35	37.5	<0.2	<10	470	0.56	1.55	2.12	1.33	23.5	13.3	33
ZZ86032		0.39	0.006	0.48	1.53	38.2	<0.2	<10	450	0.74	1.54	2.58	1.67	27.9	15.2	40
ZZ86033		0.28	0.025	0.36	1.28	37.1	<0.2	<10	430	0.54	1.25	1.81	1.41	24.4	13.1	32
ZZ86034		0.22	0.010	0.86	1.26	65.9	<0.2	<10	560	0.59	1.16	2.47	2.26	26.5	15.5	37
ZZ86035		0.26	0.024	0.36	1.11	31.9	<0.2	<10	390	0.49	1.58	3.26	1.40	23.4	10.8	28
ZZ86036		0.24	0.012	0.43	1.25	44.5	<0.2	<10	380	0.58	1.43	2.72	3.05	23.5	13.2	31
ZZ86037		0.26	0.008	0.43	1.41	34.4	<0.2	<10	390	0.60	1.83	2.37	1.52	23.2	13.7	33
ZZ86038		0.15	0.007	0.36	1.29	33.7	<0.2	<10	400	0.59	1.68	2.50	1.87	20.9	11.6	30
ZZ86039		0.30	0.017	0.40	1.26	38.0	<0.2	<10	340	0.61	1.36	2.92	1.59	23.0	12.8	32
ZZ86040		0.27	0.008	0.37	1.30	43.5	<0.2	<10	390	0.62	1.62	1.45	0.91	22.8	13.4	31
ZZ86041		0.30	0.010	0.56	1.42	46.6	<0.2	<10	410	0.75	2.71	2.52	2.44	23.7	13.9	35

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAV

Finalized Date: 20- AUG- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86001		1.68	42.7	2.56	3.79	0.05	0.05	0.07	0.043	0.12	10.9	12.8	1.35	487	3.77	0.02
ZZ86002		1.84	47.5	3.02	4.14	0.05	0.07	0.07	0.038	0.17	12.0	13.3	1.99	614	4.33	0.03
ZZ86003		1.96	53.3	2.94	3.64	0.07	0.09	0.07	0.038	0.22	12.9	13.0	2.28	545	4.87	0.02
ZZ86004		1.92	51.8	3.31	4.20	0.07	0.09	0.07	0.041	0.20	12.6	13.5	1.56	643	4.93	0.02
ZZ86005		1.11	42.3	2.72	3.50	0.05	0.06	0.07	0.036	0.12	11.5	11.8	0.91	740	3.80	0.02
ZZ86006		1.95	60.9	3.10	5.18	0.06	0.05	0.08	0.043	0.14	12.3	17.1	1.62	666	4.13	0.04
ZZ86007		1.36	40.0	2.75	3.38	0.06	0.06	0.05	0.032	0.11	11.5	11.0	1.92	583	4.35	0.02
ZZ86008		1.76	52.4	2.61	3.71	0.05	0.05	0.07	0.035	0.13	10.5	12.4	1.59	275	3.13	0.02
ZZ86009		1.71	44.1	2.70	3.83	0.06	0.06	0.07	0.039	0.13	11.4	12.8	1.41	530	3.46	0.02
ZZ86010		1.62	48.5	2.50	3.62	0.05	0.06	0.07	0.034	0.12	10.3	12.1	1.29	404	3.72	0.02
ZZ86011		1.76	41.1	2.58	3.94	0.06	0.05	0.07	0.040	0.13	11.0	13.2	1.25	511	3.59	0.02
ZZ86012		1.76	87.9	3.69	3.81	0.07	0.24	0.12	0.044	0.30	17.3	10.9	1.59	529	10.50	0.01
ZZ86013		1.32	62.7	3.14	3.05	0.06	0.05	0.08	0.033	0.13	13.8	9.4	1.54	451	5.20	0.01
ZZ86014		1.13	36.4	2.68	2.94	0.06	0.05	0.05	0.031	0.11	10.8	9.8	1.64	670	4.66	0.02
ZZ86016		1.52	43.5	2.23	3.71	0.06	0.06	0.07	0.036	0.12	12.4	12.2	1.60	261	2.95	0.02
ZZ86017		1.51	47.4	2.72	3.59	0.06	0.06	0.06	0.035	0.13	12.0	11.8	1.44	324	3.40	0.02
ZZ86018		1.95	40.9	3.06	4.18	0.05	0.06	0.08	0.042	0.14	12.0	14.6	0.77	1110	4.39	0.02
ZZ86019		3.36	49.4	2.86	3.57	0.06	0.06	0.07	0.035	0.14	12.0	13.9	0.96	356	3.62	0.02
ZZ86020		3.53	78.5	6.99	3.57	0.07	0.06	0.09	0.042	0.17	12.0	12.9	1.18	645	15.00	0.01
ZZ86021		4.81	55.5	3.19	3.54	0.07	0.07	0.08	0.039	0.19	11.7	14.3	1.50	603	9.15	0.03
ZZ86022		5.64	54.4	4.21	3.47	0.06	0.06	0.09	0.041	0.13	9.7	14.2	0.85	757	5.92	0.03
ZZ86023		1.51	40.2	2.58	3.82	0.05	0.04	0.08	0.041	0.11	10.9	13.4	1.17	593	2.93	0.02
ZZ86024		1.87	37.7	2.76	3.99	0.05	0.04	0.07	0.041	0.13	11.7	14.0	1.73	593	3.51	0.02
ZZ86025		1.69	33.8	2.56	3.72	0.06	0.04	0.07	0.041	0.11	10.9	12.8	1.60	545	3.41	0.02
ZZ86026		1.62	49.5	2.96	4.07	0.05	0.05	0.07	0.040	0.13	11.3	13.8	0.97	1590	3.61	0.02
ZZ86027		0.99	35.9	1.94	2.68	0.05	0.05	0.09	0.027	0.08	6.2	8.8	0.78	517	1.54	0.02
ZZ86028		0.94	53.8	2.86	3.17	0.06	0.05	0.09	0.035	0.12	12.0	11.4	0.78	317	4.39	0.01
ZZ86029		0.80	39.1	1.84	2.06	0.05	0.04	0.07	0.020	0.08	5.4	5.8	0.71	312	2.57	0.01
ZZ86030		1.65	49.6	2.73	3.70	0.06	0.06	0.07	0.036	0.14	11.8	12.1	1.74	394	4.23	0.02
ZZ86031		1.62	51.0	2.96	3.97	0.06	0.06	0.07	0.039	0.14	12.7	13.4	1.25	736	4.32	0.02
ZZ86032		1.87	54.8	3.39	4.83	0.07	0.08	0.08	0.042	0.15	15.2	16.6	1.88	565	6.22	0.02
ZZ86033		1.37	38.1	3.07	3.77	0.06	0.05	0.08	0.036	0.13	13.5	12.3	1.00	577	4.70	0.02
ZZ86034		1.42	79.6	3.40	3.61	0.06	0.08	0.11	0.035	0.22	15.0	10.6	1.19	493	6.32	0.01
ZZ86035		1.38	36.2	2.68	3.39	0.06	0.05	0.08	0.034	0.14	12.5	11.4	1.94	467	3.89	0.02
ZZ86036		1.50	55.0	2.97	3.62	0.06	0.07	0.07	0.037	0.16	12.8	11.9	1.48	627	4.39	0.02
ZZ86037		1.85	55.4	2.90	4.25	0.05	0.06	0.07	0.043	0.15	12.6	14.2	1.40	804	3.69	0.02
ZZ86038		1.65	41.2	2.80	3.85	0.06	0.07	0.07	0.037	0.15	11.4	13.4	1.21	431	3.11	0.02
ZZ86039		1.46	51.5	3.00	3.75	0.06	0.06	0.07	0.040	0.13	12.5	13.2	1.76	416	4.87	0.03
ZZ86040		1.59	44.1	3.04	3.74	0.05	0.06	0.07	0.038	0.12	12.4	13.5	0.68	291	4.06	0.03
ZZ86041		3.15	62.0	3.32	4.39	0.06	0.07	0.10	0.049	0.16	13.3	16.9	1.47	659	5.23	0.03

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86001		1.03	44.8	970	32.1	15.4	0.001	0.05	2.52	2.8	1.3	1.2	38.3	<0.01	0.06	1.5
ZZ86002		1.06	55.2	1100	25.6	15.8	0.001	0.03	2.19	4.0	0.9	0.7	48.7	<0.01	0.05	2.6
ZZ86003		0.93	50.7	1120	21.8	18.2	0.003	0.03	2.16	3.9	1.5	0.6	72.5	<0.01	0.06	3.2
ZZ86004		1.19	54.7	1200	24.4	18.1	0.002	0.03	2.24	4.1	1.4	0.6	42.4	<0.01	0.06	3.0
ZZ86005		0.82	47.0	1120	23.6	10.3	0.003	0.06	2.00	2.9	1.1	0.6	36.2	<0.01	0.04	1.6
ZZ86006		1.18	62.4	1130	26.4	16.5	0.001	0.05	2.47	4.4	1.6	1.1	44.9	<0.01	0.06	2.0
ZZ86007		0.99	44.9	1160	24.6	11.3	0.001	0.04	2.08	2.9	1.6	0.8	45.5	<0.01	0.05	2.3
ZZ86008		1.04	41.2	990	25.8	16.0	0.003	0.06	2.17	2.9	1.7	1.1	40.6	<0.01	0.07	1.7
ZZ86009		1.04	45.5	990	26.5	15.5	0.003	0.06	2.14	3.0	1.4	1.1	37.5	<0.01	0.05	1.8
ZZ86010		1.02	44.9	1000	24.8	15.4	0.003	0.07	2.05	2.8	1.5	1.0	39.2	<0.01	0.03	1.5
ZZ86011		1.09	50.0	1050	24.5	16.8	0.002	0.06	1.89	3.0	1.1	1.2	36.6	<0.01	0.05	1.6
ZZ86012		0.56	90.8	1760	19.0	19.5	0.009	0.02	3.99	3.9	3.9	0.7	77.4	<0.01	0.08	5.1
ZZ86013		0.93	64.8	1370	17.8	11.6	0.001	0.03	2.36	3.1	1.8	0.6	38.5	<0.01	0.04	2.5
ZZ86014		0.99	45.1	1260	19.1	9.8	0.004	0.09	2.01	2.5	2.4	0.9	53.6	<0.01	0.04	2.0
ZZ86016		1.02	47.8	1160	22.9	11.3	0.002	0.06	1.91	3.1	1.3	0.9	40.1	<0.01	0.07	2.1
ZZ86017		0.99	48.6	1180	22.2	12.2	0.004	0.06	2.09	3.0	1.2	0.9	39.9	<0.01	0.04	2.1
ZZ86018		1.08	49.5	1090	27.9	16.1	0.004	0.08	2.02	3.2	1.7	1.2	41.9	<0.01	0.06	1.6
ZZ86019		1.05	56.0	1190	23.7	17.3	0.006	0.09	2.05	2.9	2.0	0.9	54.8	<0.01	0.06	2.0
ZZ86020		1.09	105.0	1340	22.5	20.5	0.007	0.10	3.74	3.3	4.5	0.9	80.8	<0.01	0.07	2.1
ZZ86021		1.03	78.4	1280	21.3	32.0	0.005	0.11	2.34	3.1	2.1	0.9	167.0	<0.01	0.08	2.2
ZZ86022		1.04	66.4	1280	22.9	18.9	0.010	0.18	2.29	2.8	2.4	1.2	247	<0.01	0.07	1.4
ZZ86023		1.06	43.4	910	27.8	14.8	0.001	0.06	1.99	2.7	1.2	2.8	39.1	<0.01	0.05	1.3
ZZ86024		1.10	44.1	1000	29.6	16.6	0.001	0.05	2.17	3.0	1.0	1.3	38.3	<0.01	0.06	1.9
ZZ86025		1.04	40.6	940	28.6	15.1	0.002	0.05	2.06	2.8	1.3	1.2	37.1	<0.01	0.05	1.8
ZZ86026		1.04	59.3	1020	27.0	14.8	0.002	0.07	2.35	2.9	1.3	1.0	39.2	<0.01	0.05	1.4
ZZ86027		0.83	32.2	910	14.5	9.8	0.004	0.13	1.62	1.7	1.4	0.7	61.6	<0.01	0.04	0.6
ZZ86028		1.07	52.0	1070	19.0	10.4	0.004	0.08	2.33	2.4	2.0	1.1	46.3	<0.01	0.07	1.2
ZZ86029		0.72	38.5	970	9.3	6.8	0.001	0.12	1.77	1.3	1.8	0.4	63.6	<0.01	0.05	0.4
ZZ86030		1.01	51.0	1110	24.2	15.3	0.002	0.05	2.23	3.2	1.5	1.0	45.8	<0.01	0.05	2.2
ZZ86031		1.07	57.5	1140	24.6	14.8	0.003	0.05	2.15	3.4	1.7	1.1	37.0	<0.01	0.06	2.1
ZZ86032		1.28	61.9	1240	26.7	15.0	0.001	0.02	2.31	4.6	1.4	1.2	37.3	<0.01	0.06	3.6
ZZ86033		1.04	46.5	1320	24.1	14.7	0.002	0.05	2.07	3.0	1.5	0.9	37.9	<0.01	0.06	2.1
ZZ86034		0.99	79.2	1420	18.0	16.1	0.004	0.05	3.31	3.1	2.9	0.7	54.5	<0.01	0.06	2.1
ZZ86035		1.01	42.6	1170	22.4	14.1	0.004	0.06	1.88	2.7	1.2	1.2	47.8	<0.01	0.06	2.2
ZZ86036		1.07	53.4	1220	21.5	14.8	0.003	0.05	2.27	3.1	1.5	0.9	41.1	<0.01	0.04	2.2
ZZ86037		1.12	53.6	1060	26.6	18.3	0.002	0.05	2.07	3.5	1.4	1.2	37.1	<0.01	0.06	2.1
ZZ86038		1.07	43.5	1130	25.1	17.3	0.006	0.08	2.00	3.0	1.1	1.0	44.8	<0.01	0.05	1.8
ZZ86039		1.03	54.0	1210	24.3	12.9	0.002	0.04	2.42	3.4	1.5	0.9	54.8	<0.01	0.05	2.4
ZZ86040		1.08	43.1	1190	24.0	12.0	0.006	0.07	1.94	3.1	1.8	1.0	46.7	<0.01	0.04	1.9
ZZ86041		1.23	78.9	1220	30.1	22.0	0.003	0.06	2.56	3.7	1.9	1.5	84.5	<0.01	0.07	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86001		0.034	0.26	1.72	53	1.52	8.93	190	1.8
ZZ86002		0.039	0.27	1.01	60	0.39	10.10	168	2.8
ZZ86003		0.035	0.28	1.02	48	0.25	9.97	170	4.1
ZZ86004		0.037	0.28	0.99	57	0.32	9.93	176	3.3
ZZ86005		0.027	0.16	1.40	48	0.44	9.52	153	2.1
ZZ86006		0.052	0.27	1.22	69	1.62	11.35	170	2.1
ZZ86007		0.034	0.22	0.90	51	2.22	9.06	158	2.3
ZZ86008		0.034	0.26	1.16	52	1.63	9.18	182	2.2
ZZ86009		0.035	0.26	1.40	54	1.42	9.47	179	2.3
ZZ86010		0.031	0.23	1.25	52	1.66	9.18	182	2.1
ZZ86011		0.036	0.25	1.12	55	1.80	8.65	213	1.8
ZZ86012		0.032	0.28	1.91	77	0.23	11.90	326	14.9
ZZ86013		0.029	0.25	1.07	45	0.72	10.35	167	2.5
ZZ86014		0.030	0.18	2.14	45	1.89	8.31	150	2.2
ZZ86016		0.034	0.22	1.25	52	1.13	9.32	185	2.1
ZZ86017		0.033	0.22	1.19	51	0.95	9.11	192	2.2
ZZ86018		0.035	0.28	1.20	59	1.18	9.76	219	2.0
ZZ86019		0.029	0.26	3.07	54	1.60	9.40	203	2.4
ZZ86020		0.026	0.32	3.17	60	1.50	10.90	261	2.7
ZZ86021		0.031	0.30	4.03	54	1.62	9.50	266	2.9
ZZ86022		0.032	0.28	5.91	52	1.53	8.59	287	2.3
ZZ86023		0.033	0.23	1.05	52	1.84	8.99	209	1.6
ZZ86024		0.039	0.27	0.86	57	1.68	8.92	189	1.6
ZZ86025		0.036	0.24	1.00	53	1.38	8.61	179	1.6
ZZ86026		0.031	0.29	1.23	56	0.84	9.55	183	1.9
ZZ86027		0.023	0.15	2.10	35	0.40	6.10	111	1.8
ZZ86028		0.022	0.19	1.84	44	0.33	9.81	164	2.3
ZZ86029		0.017	0.14	3.08	30	0.14	4.97	119	1.8
ZZ86030		0.034	0.26	0.90	52	1.19	9.59	182	2.3
ZZ86031		0.037	0.23	0.95	58	0.95	9.66	190	2.1
ZZ86032		0.046	0.27	0.80	67	0.99	11.75	211	3.3
ZZ86033		0.033	0.22	1.12	58	3.15	9.91	188	2.0
ZZ86034		0.026	0.24	2.53	65	0.31	11.35	239	3.2
ZZ86035		0.035	0.22	1.11	51	3.53	8.66	171	2.0
ZZ86036		0.033	0.24	1.08	55	0.84	9.38	206	2.8
ZZ86037		0.037	0.31	0.75	59	1.42	9.90	199	2.2
ZZ86038		0.032	0.23	1.15	54	1.08	9.02	211	2.3
ZZ86039		0.035	0.21	0.99	56	0.86	10.55	196	2.6
ZZ86040		0.031	0.22	2.57	56	1.11	10.40	157	2.4
ZZ86041		0.040	0.38	2.36	72	3.05	12.00	302	2.7

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86042		0.28	0.007	0.41	1.35	40.1	<0.2	<10	370	0.65	1.70	2.67	1.66	22.8	14.6	31
ZZ86043		0.26	0.010	0.36	1.22	32.3	<0.2	<10	370	0.63	1.89	2.37	1.63	22.0	11.1	29
ZZ86044		0.22	0.006	0.31	1.06	36.6	<0.2	<10	560	0.54	1.78	3.51	2.73	16.65	13.1	24
ZZ86045		0.18	0.008	0.32	1.53	43.4	<0.2	<10	530	0.72	1.62	1.72	1.78	21.4	13.7	34
ZZ86046		0.21	0.013	0.40	1.28	40.6	<0.2	<10	350	0.61	1.89	2.22	1.85	22.9	12.0	32
ZZ86047		0.17	0.009	0.41	1.42	42.0	<0.2	<10	400	0.68	1.88	2.06	1.76	23.1	13.2	34
ZZ86048		0.26	0.008	0.37	1.33	40.6	<0.2	<10	370	0.60	1.59	1.82	1.18	23.3	10.3	31
ZZ86049		0.23	0.011	0.43	1.40	55.5	<0.2	<10	430	0.68	1.93	2.33	1.68	25.1	16.1	34
ZZ86050		0.18	0.006	0.64	0.74	33.4	<0.2	40	530	0.38	0.89	6.73	1.98	12.20	11.5	19
ZZ86051		0.26	0.007	0.32	1.25	29.3	<0.2	<10	350	0.60	1.24	2.67	1.41	21.8	9.0	26
ZZ86052		0.20	0.007	0.37	1.26	28.1	<0.2	<10	400	0.67	1.43	2.45	1.76	21.3	10.1	27
ZZ86053		0.26	0.006	0.45	1.42	36.2	<0.2	<10	440	0.79	1.81	2.83	2.14	22.9	10.3	29
ZZ86054		0.24	0.007	0.46	1.48	28.6	<0.2	<10	500	0.70	1.75	2.05	2.13	19.65	9.8	31
ZZ86055		0.18	0.006	0.32	1.24	28.5	<0.2	<10	460	0.69	1.53	2.11	1.86	18.95	9.9	27
ZZ86056		0.22	0.006	0.41	1.37	26.5	<0.2	<10	400	0.70	1.67	2.08	1.84	22.7	10.8	30
ZZ86057		0.26	0.012	0.32	1.23	25.5	<0.2	<10	370	0.60	1.36	2.03	1.33	22.5	10.8	27
ZZ86058		0.24	0.005	0.34	1.29	38.0	<0.2	<10	410	0.63	1.42	1.93	1.89	22.1	11.9	28
ZZ86059		0.37	0.006	0.43	1.30	40.0	<0.2	<10	440	0.57	1.39	2.49	1.66	26.5	15.3	36
ZZ86060		0.27	0.016	0.40	1.35	30.5	<0.2	<10	370	0.66	1.84	1.65	1.42	23.9	8.9	31
ZZ86061		0.28	0.003	0.41	1.50	29.9	<0.2	<10	490	0.73	1.80	2.05	1.61	22.3	12.2	33
ZZ86062		0.46	0.007	0.31	1.29	37.4	<0.2	<10	380	0.67	1.67	1.25	0.92	28.4	12.9	25
ZZ86063		0.33	0.004	0.28	1.13	39.7	<0.2	<10	730	0.56	1.38	2.00	1.12	23.6	12.9	23
ZZ86064		0.52	0.006	0.31	1.22	41.5	<0.2	<10	400	0.66	1.58	1.63	1.11	27.3	12.9	24
ZZ86065		0.28	0.005	0.27	1.09	32.5	<0.2	<10	400	0.54	1.18	2.00	1.09	19.55	10.3	21
ZZ86066		0.38	0.010	0.26	0.99	35.5	<0.2	<10	310	0.52	1.40	2.96	1.37	24.2	12.4	22
ZZ86067		0.39	0.004	0.35	1.23	30.1	<0.2	<10	420	0.68	1.59	3.42	2.17	24.4	10.8	28
ZZ86068		0.62	0.019	0.32	1.08	29.4	<0.2	<10	690	0.63	1.68	4.63	1.84	22.5	11.0	26
ZZ86069		0.32	0.003	0.32	1.09	29.3	<0.2	<10	510	0.59	1.39	4.89	2.40	22.6	13.5	25
ZZ86070		0.29	0.003	0.36	1.30	31.8	<0.2	<10	440	0.70	1.94	2.77	2.56	24.6	13.0	30
ZZ86071		0.37	0.007	0.32	1.17	29.2	<0.2	<10	380	0.62	1.90	3.80	2.49	22.7	11.1	27
ZZ86072		0.37	0.045	0.22	0.92	24.3	<0.2	<10	600	0.52	2.89	7.76	2.00	16.30	8.5	21
ZZ86073		0.30	0.038	0.23	0.92	26.3	<0.2	<10	720	0.53	2.90	6.01	2.32	16.90	9.0	22
ZZ86074		0.36	0.006	0.37	1.65	33.6	<0.2	<10	330	0.53	2.12	2.88	1.87	17.85	12.0	45
ZZ86075		0.31	0.025	0.76	0.70	86.2	<0.2	<10	220	0.80	2.54	2.86	2.26	19.90	13.5	23
ZZ86076		0.38	0.012	0.57	0.76	76.0	<0.2	<10	230	0.56	1.77	3.47	7.23	22.6	19.8	17
ZZ86077		0.40	0.008	0.22	1.37	40.9	<0.2	<10	290	0.45	1.01	3.34	0.75	32.0	11.1	21
ZZ86078		0.35	0.011	0.18	1.31	48.9	<0.2	<10	330	0.47	1.15	3.54	0.77	32.5	12.8	21
ZZ86079		0.41	0.037	0.41	1.51	44.1	<0.2	<10	430	0.53	1.54	4.21	1.04	24.2	12.8	32
ZZ86080		0.37	0.011	0.31	1.01	43.0	<0.2	<10	390	0.67	1.79	3.28	1.11	24.8	10.7	22
ZZ86081		0.24	0.006	0.56	1.29	29.5	<0.2	<10	420	0.63	1.68	2.91	2.41	21.3	10.3	32

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ86042		2.01	44.6	3.14	4.04	0.06	0.07	0.08	0.040	0.16	12.2	15.8	1.59	408	3.68	0.03
ZZ86043		2.20	49.3	2.57	3.61	0.06	0.05	0.07	0.036	0.11	11.9	13.8	1.33	286	3.44	0.03
ZZ86044		1.67	38.5	2.73	3.12	0.05	0.05	0.08	0.031	0.10	9.0	11.5	1.60	1260	4.64	0.02
ZZ86045		1.90	45.0	3.39	4.32	<0.05	0.08	0.07	0.041	0.18	11.5	15.3	0.78	1440	4.86	0.02
ZZ86046		1.88	47.5	3.08	3.82	0.06	0.06	0.08	0.038	0.14	12.8	13.9	1.30	418	3.39	0.03
ZZ86047		1.96	52.9	3.11	4.14	0.06	0.07	0.08	0.045	0.19	12.7	15.0	1.10	440	3.86	0.03
ZZ86048		1.64	49.1	2.92	3.96	0.05	0.06	0.06	0.037	0.14	12.8	13.5	1.11	380	3.42	0.02
ZZ86049		1.87	57.7	3.36	4.21	0.06	0.07	0.07	0.041	0.21	13.7	15.1	1.40	771	4.68	0.05
ZZ86050		3.89	36.2	2.19	2.22	0.05	0.04	0.11	0.021	0.14	6.2	8.0	1.18	1460	10.25	0.04
ZZ86051		1.67	35.4	2.53	3.79	0.05	0.05	0.06	0.039	0.12	12.0	13.7	1.61	286	3.47	0.02
ZZ86052		1.80	36.7	2.46	3.74	0.05	0.05	0.06	0.039	0.11	11.7	13.9	1.46	301	2.83	0.02
ZZ86053		2.35	47.0	2.75	4.12	0.06	0.07	0.09	0.052	0.16	13.0	16.0	1.76	463	4.55	0.02
ZZ86054		2.00	51.1	2.63	4.38	0.05	0.06	0.08	0.050	0.15	11.1	16.7	0.96	386	2.84	0.02
ZZ86055		1.42	45.8	2.38	3.67	0.05	0.06	0.07	0.041	0.11	10.4	13.4	0.76	546	3.17	0.02
ZZ86056		1.74	41.7	2.66	4.14	0.06	0.05	0.08	0.042	0.13	12.4	15.3	1.17	295	2.77	0.02
ZZ86057		1.36	33.4	2.37	3.65	0.05	0.05	0.07	0.039	0.11	12.2	13.9	1.13	368	2.41	0.02
ZZ86058		1.53	37.3	2.82	3.83	<0.05	0.05	0.08	0.041	0.12	12.1	14.4	1.09	643	2.97	0.02
ZZ86059		1.47	56.3	3.22	3.86	0.07	0.06	0.07	0.039	0.15	14.6	12.8	1.48	600	5.06	0.03
ZZ86060		1.60	45.3	2.74	3.94	0.05	0.05	0.08	0.042	0.13	13.2	14.5	0.93	383	2.91	0.02
ZZ86061		1.83	53.3	2.89	4.31	0.05	0.05	0.08	0.041	0.13	12.3	16.3	1.03	504	2.43	0.02
ZZ86062		1.03	37.8	3.02	3.80	0.05	0.05	0.07	0.033	0.10	15.1	15.0	0.78	499	2.78	0.01
ZZ86063		1.02	38.9	2.99	3.34	0.05	0.06	0.07	0.033	0.10	12.8	12.7	1.11	569	3.07	0.02
ZZ86064		1.06	47.4	3.14	3.58	0.05	0.06	0.07	0.035	0.10	14.7	14.7	1.00	523	2.87	0.02
ZZ86065		0.89	35.6	2.55	3.10	0.05	0.06	0.07	0.028	0.09	10.3	13.1	0.54	249	2.11	0.02
ZZ86066		1.15	38.4	2.62	3.04	0.05	0.05	0.06	0.033	0.09	13.0	12.3	1.68	297	3.00	0.02
ZZ86067		1.81	41.0	2.72	3.74	0.05	0.06	0.08	0.036	0.09	13.1	15.7	2.24	278	3.53	0.02
ZZ86068		1.99	38.1	2.62	3.43	0.05	0.06	0.08	0.036	0.08	12.4	13.4	2.79	406	5.00	0.03
ZZ86069		2.10	36.2	2.67	3.37	0.06	0.06	0.08	0.035	0.09	12.1	14.1	2.65	557	4.27	0.03
ZZ86070		2.59	38.2	3.02	3.81	0.06	0.06	0.08	0.039	0.11	13.5	16.6	1.88	431	4.16	0.02
ZZ86071		2.27	36.2	2.67	3.50	0.05	0.05	0.06	0.033	0.07	12.3	14.6	2.61	391	4.01	0.03
ZZ86072		2.72	26.1	2.10	2.82	<0.05	0.04	0.06	0.030	0.09	8.8	12.3	3.90	480	4.03	0.02
ZZ86073		3.06	25.9	2.20	2.74	0.05	0.04	0.06	0.032	0.11	8.9	11.7	3.61	531	4.21	0.02
ZZ86074		3.68	34.9	3.02	4.98	0.05	0.03	0.07	0.034	0.11	9.8	15.8	1.94	499	3.19	0.03
ZZ86075		1.78	107.5	3.25	2.12	0.07	0.05	0.13	0.120	0.09	11.6	5.8	1.26	633	34.7	0.01
ZZ86076		2.10	97.7	3.60	2.32	0.07	0.06	0.21	0.043	0.13	12.4	6.5	1.39	555	37.0	0.01
ZZ86077		1.62	47.8	3.48	3.74	0.07	0.08	0.05	0.027	0.28	16.4	11.9	1.82	482	2.31	0.01
ZZ86078		1.50	48.1	3.42	3.79	0.07	0.12	0.05	0.031	0.26	16.6	11.7	1.67	523	2.44	0.01
ZZ86079		2.49	53.1	3.40	4.38	0.06	0.05	0.08	0.036	0.16	12.9	14.3	2.34	479	3.44	0.03
ZZ86080		1.89	51.1	2.85	2.98	0.06	0.06	0.06	0.032	0.13	13.0	10.8	1.57	421	10.45	0.01
ZZ86081		3.19	61.5	2.60	4.00	0.10	0.05	0.14	0.041	0.13	11.9	13.8	1.50	390	6.56	0.02

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Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86042		1.10	49.5	1130	25.5	18.3	0.004	0.07	2.51	3.6	1.6	1.1	68.6	<0.01	0.05	2.5
ZZ86043		1.04	55.0	1130	25.5	14.8	0.004	0.07	2.25	2.9	1.9	1.0	51.8	<0.01	0.03	1.9
ZZ86044		0.85	46.6	1090	20.2	10.8	0.011	0.13	2.26	2.1	2.1	0.8	61.1	<0.01	0.04	1.1
ZZ86045		1.07	56.8	980	24.2	22.3	0.006	0.10	2.44	3.2	1.8	1.1	44.8	<0.01	0.06	1.8
ZZ86046		1.11	50.1	1160	24.4	17.7	0.003	0.05	2.15	3.4	1.5	1.2	49.1	<0.01	0.05	2.5
ZZ86047		1.18	51.0	1200	25.6	21.1	0.003	0.07	2.14	3.4	1.7	1.1	43.9	<0.01	0.06	2.2
ZZ86048		1.05	44.7	1160	23.3	13.5	0.002	0.05	2.14	3.3	1.3	1.1	37.6	<0.01	0.04	2.3
ZZ86049		1.15	65.0	1260	25.1	20.0	0.003	0.06	2.50	3.6	1.5	1.1	56.5	<0.01	0.06	2.4
ZZ86050		0.69	119.5	1080	11.6	16.5	0.003	0.20	1.77	1.7	3.6	0.4	675	<0.01	0.04	0.7
ZZ86051		1.04	37.5	980	29.2	14.7	0.001	0.04	2.23	2.9	1.2	1.2	38.6	<0.01	0.03	2.0
ZZ86052		1.01	40.7	900	29.8	15.9	0.002	0.04	2.21	2.8	1.1	1.3	36.6	<0.01	0.05	1.9
ZZ86053		1.03	46.3	930	43.7	23.7	0.001	0.04	2.98	3.2	1.6	1.9	41.0	<0.01	0.06	2.3
ZZ86054		1.17	49.2	960	36.7	19.3	0.003	0.08	2.96	2.9	1.5	1.6	40.8	<0.01	0.07	1.6
ZZ86055		1.03	42.5	920	27.9	12.6	0.002	0.08	2.71	2.5	1.7	1.3	42.4	<0.01	0.05	1.2
ZZ86056		1.12	43.1	1020	31.1	16.3	0.002	0.06	2.34	3.2	1.6	1.3	38.3	<0.01	0.03	1.9
ZZ86057		0.99	39.1	1040	26.4	11.4	0.002	0.05	1.96	2.8	1.0	1.1	35.9	<0.01	0.04	2.0
ZZ86058		1.03	42.4	1030	27.5	15.0	0.001	0.05	1.97	2.9	1.1	1.2	35.2	<0.01	0.05	1.9
ZZ86059		1.06	62.7	1460	26.6	14.8	0.002	0.04	2.44	3.7	1.7	1.0	47.1	<0.01	0.05	2.9
ZZ86060		1.08	39.1	1070	33.2	16.0	0.002	0.05	2.25	3.1	1.2	1.2	34.3	<0.01	0.05	1.9
ZZ86061		1.14	50.9	1040	30.6	16.8	0.002	0.07	2.19	3.1	1.8	1.3	37.6	<0.01	0.06	1.5
ZZ86062		0.90	38.3	960	23.0	10.0	0.001	0.03	1.76	3.4	1.0	1.1	33.0	<0.01	0.03	2.7
ZZ86063		0.80	37.8	980	21.2	9.2	0.001	0.03	1.86	3.0	1.4	0.6	36.7	<0.01	0.05	2.0
ZZ86064		0.89	40.2	1060	22.4	10.2	0.001	0.03	1.99	3.3	1.1	0.7	43.3	<0.01	0.04	2.7
ZZ86065		0.89	34.1	990	17.5	10.5	0.005	0.11	1.63	2.2	1.9	0.6	79.4	<0.01	0.04	1.2
ZZ86066		0.94	38.7	1090	21.6	9.3	0.003	0.05	1.86	2.7	1.3	0.8	46.9	<0.01	0.03	2.6
ZZ86067		1.08	49.5	960	30.3	12.1	0.004	0.05	2.15	3.5	2.7	0.9	45.7	<0.01	0.04	3.1
ZZ86068		0.97	47.5	1050	24.4	11.9	0.002	0.03	2.02	3.2	1.7	0.8	53.4	<0.01	0.06	3.3
ZZ86069		0.95	52.3	940	26.9	16.1	0.003	0.03	2.05	3.2	1.2	0.8	58.3	<0.01	0.05	2.9
ZZ86070		1.04	58.4	1000	27.8	18.2	0.004	0.04	2.05	3.4	1.9	1.2	38.7	<0.01	0.05	2.9
ZZ86071		0.98	53.1	960	27.6	10.5	0.001	0.03	1.88	3.1	1.6	1.0	42.0	<0.01	0.04	2.8
ZZ86072		0.86	43.8	760	21.2	17.7	0.002	0.05	1.49	2.3	1.5	0.9	66.8	<0.01	0.04	1.8
ZZ86073		0.83	50.2	840	21.4	24.1	0.001	0.07	1.60	2.2	1.7	1.1	54.6	<0.01	0.03	1.6
ZZ86074		1.33	51.9	1110	20.7	21.9	0.001	0.04	1.37	3.4	1.5	1.1	40.1	<0.01	0.04	1.5
ZZ86075		0.68	199.0	1320	20.0	10.1	0.003	0.13	6.11	2.0	9.7	11.8	44.0	<0.01	0.10	1.5
ZZ86076		0.83	191.5	1320	23.0	12.7	0.002	0.10	4.90	2.3	6.3	1.3	61.5	<0.01	0.09	3.3
ZZ86077		1.68	33.7	1230	16.1	19.8	0.002	0.01	1.41	3.2	0.8	0.6	46.5	<0.01	0.05	4.4
ZZ86078		1.59	35.3	1120	16.4	18.7	0.001	0.01	1.50	3.3	1.1	0.6	53.1	<0.01	0.05	4.8
ZZ86079		1.36	45.6	1200	21.7	20.0	<0.001	0.02	1.92	3.7	1.2	1.2	57.0	<0.01	0.06	2.8
ZZ86080		0.89	79.5	1090	17.7	13.3	0.001	0.01	2.89	2.9	2.0	0.5	51.7	<0.01	0.05	3.0
ZZ86081		1.05	92.7	1090	25.4	18.0	0.001	0.06	2.50	3.1	2.0	0.9	43.1	<0.01	0.05	1.8

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86042		0.035	0.30	1.34	55	1.01	9.94	234	2.6
ZZ86043		0.034	0.25	2.08	53	1.58	10.35	233	2.2
ZZ86044		0.026	0.24	2.86	44	2.54	7.98	203	1.8
ZZ86045		0.029	0.29	2.26	60	1.01	8.85	209	2.5
ZZ86046		0.036	0.25	1.06	54	1.63	10.25	202	2.6
ZZ86047		0.035	0.26	1.38	59	1.01	10.10	219	2.6
ZZ86048		0.032	0.22	0.99	56	0.78	9.87	185	2.4
ZZ86049		0.034	0.27	1.36	57	1.01	10.50	204	2.6
ZZ86050		0.018	0.18	14.05	29	0.36	5.59	303	1.9
ZZ86051		0.034	0.24	1.04	55	0.86	9.34	181	1.8
ZZ86052		0.033	0.27	1.06	57	3.01	9.42	196	1.8
ZZ86053		0.034	0.39	0.98	64	1.58	10.70	261	2.4
ZZ86054		0.032	0.32	1.78	67	1.38	9.38	256	2.2
ZZ86055		0.029	0.22	1.93	54	0.97	9.53	178	2.0
ZZ86056		0.035	0.25	1.09	58	0.98	10.45	209	2.1
ZZ86057		0.031	0.21	0.91	53	1.09	9.29	178	1.8
ZZ86058		0.032	0.23	0.90	56	1.32	9.48	196	1.7
ZZ86059		0.037	0.24	1.20	60	0.59	12.10	185	2.6
ZZ86060		0.035	0.23	1.24	58	1.14	11.00	189	2.0
ZZ86061		0.034	0.25	1.83	61	1.05	10.55	204	1.8
ZZ86062		0.027	0.16	1.15	47	0.69	9.73	134	2.0
ZZ86063		0.024	0.16	1.70	42	0.75	9.52	148	2.0
ZZ86064		0.027	0.18	1.44	44	1.00	10.35	148	2.2
ZZ86065		0.021	0.13	12.70	36	0.58	7.81	139	1.9
ZZ86066		0.030	0.18	2.80	41	1.44	9.66	142	2.2
ZZ86067		0.039	0.24	1.09	51	1.38	10.90	255	2.7
ZZ86068		0.041	0.28	1.14	51	3.39	10.45	236	2.9
ZZ86069		0.037	0.28	1.18	47	1.61	10.10	248	2.2
ZZ86070		0.039	0.32	1.34	53	1.54	10.45	320	2.3
ZZ86071		0.040	0.28	1.18	48	1.95	10.35	289	2.2
ZZ86072		0.036	0.28	1.42	37	5.44	6.98	248	1.4
ZZ86073		0.034	0.32	1.62	38	5.70	7.05	295	1.5
ZZ86074		0.066	0.29	1.24	65	0.93	9.30	211	1.3
ZZ86075		0.019	0.70	3.97	58	2.16	16.40	442	3.8
ZZ86076		0.021	0.69	3.73	44	0.75	13.25	867	4.0
ZZ86077		0.043	0.21	0.84	40	0.14	8.68	106	3.9
ZZ86078		0.044	0.20	0.81	40	0.23	8.76	104	5.1
ZZ86079		0.051	0.30	0.95	59	0.53	10.70	155	2.1
ZZ86080		0.035	0.26	1.17	41	2.75	11.35	338	3.2
ZZ86081		0.041	0.31	1.24	55	1.70	9.49	496	2.3

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VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ86082		0.28	0.007	0.32	1.08	30.5	<0.2	<10	360	0.47	1.24	2.21	1.33	20.2	9.1	24
ZZ86083		0.31	0.006	0.33	1.07	30.7	<0.2	<10	380	0.51	1.22	2.23	1.24	21.9	9.1	23
ZZ86084		0.22	0.004	0.38	1.20	28.2	<0.2	<10	400	0.48	1.35	2.13	1.32	22.1	9.1	26
ZZ86085		0.42	0.007	0.38	1.20	30.2	<0.2	<10	410	0.51	1.76	5.10	1.75	19.65	9.8	30
ZZ86086		0.18	0.006	0.32	1.26	29.0	<0.2	<10	480	0.49	1.46	2.38	2.18	22.1	10.3	28
ZZ86087		0.45	0.009	0.72	1.17	48.9	<0.2	<10	480	0.56	1.63	3.63	3.29	27.0	12.0	30
ZZ86088		0.31	0.007	0.41	1.27	33.4	<0.2	<10	400	0.51	2.18	2.75	3.99	23.1	12.7	30
ZZ86089		0.30	0.012	0.44	1.17	60.9	<0.2	<10	270	0.56	2.74	2.60	1.93	24.8	11.1	25
ZZ86090		0.52	0.064	1.99	0.22	176.0	<0.2	<10	150	0.23	87.0	0.05	0.70	12.45	15.1	13
ZZ86091		0.31	0.007	0.39	1.03	37.5	<0.2	<10	340	0.49	3.87	5.43	2.22	22.3	10.4	21
ZZ86092		0.43	0.011	0.28	1.24	40.2	<0.2	<10	310	0.50	1.69	3.27	1.23	28.3	11.6	22
ZZ86093		0.43	0.012	0.25	0.83	27.8	<0.2	<10	600	0.41	1.93	7.61	1.26	20.2	9.1	18
ZZ86094		0.27	0.050	0.25	0.87	22.8	<0.2	<10	620	0.47	2.82	9.94	2.01	14.70	7.8	19
ZZ86095		0.54	0.015	0.38	0.89	60.6	<0.2	<10	240	0.94	4.07	4.79	2.18	18.30	8.6	24
ZZ86096		0.36	0.004	0.44	1.81	39.0	<0.2	<10	450	0.65	2.27	4.90	1.33	18.15	14.3	52
ZZ86097		0.42	0.016	0.40	2.16	110.5	<0.2	<10	280	0.71	3.29	5.42	0.97	19.40	13.6	59
ZZ86098		0.27	0.004	0.31	1.05	35.4	<0.2	<10	630	0.54	2.68	3.99	1.62	19.75	9.4	26
ZZ86099		0.31	0.007	0.33	1.08	37.9	<0.2	<10	510	0.55	2.06	4.09	2.08	22.1	10.2	25
ZZ86100		0.26	0.010	0.36	1.15	30.3	<0.2	<10	490	0.59	1.78	3.57	2.63	23.1	11.8	27
ZZ86101		0.39	0.005	0.34	1.09	29.9	<0.2	<10	590	0.50	1.91	3.95	2.11	20.7	11.4	25
ZZ86102		0.21	0.009	0.38	1.25	36.4	<0.2	<10	510	0.59	2.23	2.88	2.55	22.8	12.0	29
ZZ86103		0.37	0.007	0.38	1.13	31.7	<0.2	<10	420	0.54	1.86	4.86	2.67	22.1	12.1	26
ZZ86104		0.28	0.002	0.26	1.05	21.0	<0.2	<10	250	0.51	2.87	5.64	1.40	16.80	9.1	23
ZZ86105		0.24	0.004	0.41	1.42	34.3	<0.2	<10	410	0.64	2.77	2.16	2.38	24.2	12.8	33
ZZ86106		0.40	<0.001	0.18	0.82	24	<0.2	<10	780	0.45	2.49	11.30	1.94	12.75	7.2	19
ZZ86107		0.37	0.002	0.21	0.77	15	<0.2	<10	570	0.46	2.57	11.20	1.60	13.75	6.8	17
ZZ86108		0.19	0.006	0.40	1.17	30.8	<0.2	<10	520	0.51	1.78	2.50	2.79	19.05	10.7	27
ZZ86109		0.25	0.006	0.23	0.99	20.1	<0.2	<10	380	0.49	3.04	5.56	1.51	17.10	8.7	23
ZZ86110		0.27	0.001	0.22	1.10	14.6	<0.2	<10	250	0.56	3.98	6.64	0.97	19.00	9.7	25
ZZ86111		0.16	0.005	0.27	1.15	26.0	<0.2	<10	550	0.55	1.68	2.68	1.87	18.15	10.5	26
ZZ86112		0.44	0.006	0.25	1.14	33.9	<0.2	<10	600	0.55	1.66	4.40	2.10	19.65	12.1	25
ZZ86113		0.26	0.005	0.19	0.97	18.7	<0.2	<10	550	0.41	2.31	6.65	1.44	17.05	8.5	22
ZZ86114		0.26	0.004	0.17	0.91	20.3	<0.2	<10	500	0.45	2.19	6.71	1.47	15.40	8.7	21
ZZ86115		0.27	0.009	0.19	0.91	33.5	<0.2	<10	300	0.39	1.18	2.45	5.33	20.9	10.8	19
ZZ86116		0.36	0.018	0.24	1.00	39.3	<0.2	<10	260	0.42	1.42	1.89	4.70	26.1	10.7	22
ZZ86117		0.28	0.004	0.22	0.89	31.5	<0.2	<10	480	0.44	1.10	3.17	3.78	18.65	9.9	17
ZZ86118		0.39	0.012	0.25	1.13	40.7	<0.2	<10	320	0.49	1.41	2.15	3.79	26.2	11.7	23
ZZ86119		0.54	0.006	0.24	1.03	42.6	<0.2	<10	410	0.48	1.40	5.66	1.50	24.7	10.6	20
ZZ86120		0.49	0.011	0.36	1.41	61.7	<0.2	<10	340	0.76	1.83	3.61	2.28	29.7	14.9	27
ZZ86121		0.18	0.007	0.41	0.90	44.3	<0.2	<10	320	0.40	1.85	1.94	6.84	19.15	11.0	21

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86082		1.41	34.9	2.32	3.43	0.09	0.04	0.06	0.043	0.11	11.0	11.5	1.17	481	3.07	0.02
ZZ86083		1.45	35.9	2.32	3.59	0.10	0.05	0.05	0.040	0.10	11.8	11.8	1.25	440	3.50	0.02
ZZ86084		1.57	39.4	2.41	3.81	0.09	0.04	0.05	0.042	0.11	12.2	12.4	1.25	432	3.51	0.02
ZZ86085		2.70	40.8	2.64	4.22	0.11	0.04	0.06	0.041	0.13	10.9	14.0	2.51	480	5.12	0.03
ZZ86086		1.40	41.6	2.63	3.71	<0.05	0.05	0.06	0.045	0.12	11.6	13.0	1.19	486	3.00	0.02
ZZ86087		1.51	75.4	3.09	3.57	0.07	0.06	0.11	0.042	0.13	15.3	12.2	1.47	407	10.90	0.02
ZZ86088		2.32	45.7	2.96	3.73	0.05	0.05	0.08	0.039	0.12	12.3	12.1	1.54	943	7.74	0.02
ZZ86089		0.94	58.3	3.09	3.30	0.05	0.06	0.09	0.051	0.08	13.4	9.2	1.28	319	8.02	0.01
ZZ86090		4.62	45.7	7.74	2.45	0.35	0.04	0.04	0.091	0.42	6.8	3.8	0.02	692	223	0.05
ZZ86091		1.10	46.4	2.63	3.02	0.05	0.08	0.09	0.036	0.10	11.6	11.5	2.17	467	4.78	0.01
ZZ86092		1.49	44.3	3.19	3.42	0.06	0.06	0.06	0.033	0.13	14.9	11.5	1.56	592	6.91	0.01
ZZ86093		2.16	26.6	2.09	2.86	0.06	0.05	0.05	0.029	0.08	10.4	12.1	3.93	410	7.45	0.02
ZZ86094		2.50	26.4	1.89	2.63	<0.05	0.04	0.05	0.027	0.08	7.9	12.6	4.68	457	3.51	0.02
ZZ86095		3.24	42.5	2.70	2.75	0.06	0.06	0.07	0.039	0.07	10.1	10.2	2.86	429	11.70	0.02
ZZ86096		7.13	48.8	3.76	5.75	0.06	0.04	0.11	0.039	0.16	10.6	19.8	3.09	578	9.02	0.04
ZZ86097		6.66	40.1	3.47	6.54	0.06	0.03	0.08	0.040	0.11	11.1	22.9	3.50	477	3.10	0.05
ZZ86098		1.89	38.0	2.67	3.23	0.06	0.05	0.06	0.041	0.08	10.6	12.0	2.60	199	6.37	0.02
ZZ86099		1.82	35.8	2.70	3.17	0.06	0.05	0.07	0.037	0.08	11.8	13.9	2.57	318	5.13	0.02
ZZ86100		1.94	41.7	2.58	3.52	0.06	0.05	0.07	0.041	0.07	12.3	14.6	2.34	291	5.35	0.02
ZZ86101		1.86	40.6	2.65	3.26	<0.05	0.05	0.07	0.035	0.08	11.0	13.5	2.36	625	4.92	0.02
ZZ86102		2.02	45.4	2.90	3.65	0.05	0.05	0.08	0.037	0.08	12.0	15.2	1.93	343	5.30	0.02
ZZ86103		1.95	44.6	2.74	3.38	0.05	0.05	0.07	0.038	0.08	11.7	14.3	2.96	667	5.99	0.02
ZZ86104		2.81	31.1	2.16	3.15	<0.05	0.05	0.04	0.027	0.07	8.8	15.5	3.65	343	3.02	0.02
ZZ86105		2.68	47.4	3.13	4.17	0.05	0.05	0.09	0.045	0.09	12.8	17.8	1.43	886	5.60	0.02
ZZ86106		2.38	23.7	1.87	2.50	0.05	0.04	0.04	0.029	0.08	6.8	11.6	4.92	470	6.28	0.02
ZZ86107		2.29	22.6	1.70	2.35	<0.05	0.03	0.04	0.024	0.07	7.3	12.1	5.22	436	3.20	0.02
ZZ86108		2.23	36.2	2.58	3.58	0.05	0.05	0.09	0.037	0.09	10.2	14.7	1.00	594	3.55	0.01
ZZ86109		3.09	23.8	2.13	3.01	<0.05	0.04	0.04	0.029	0.08	8.9	14.7	2.99	443	2.38	0.01
ZZ86110		3.91	29.9	2.16	3.47	0.06	0.05	0.04	0.030	0.09	9.8	17.0	3.96	238	1.85	0.02
ZZ86111		1.59	33.8	2.59	3.18	<0.05	0.03	0.07	0.032	0.08	9.7	12.4	1.47	577	3.41	0.02
ZZ86112		1.79	41.4	2.86	3.20	0.05	0.05	0.06	0.032	0.07	10.4	13.3	2.96	526	5.43	0.02
ZZ86113		2.34	24.2	2.17	2.78	<0.05	0.03	0.05	0.027	0.09	8.8	12.9	3.75	474	2.90	0.02
ZZ86114		2.30	26.7	2.11	2.67	<0.05	0.03	0.05	0.025	0.09	8.0	12.4	3.20	457	3.76	0.02
ZZ86115		0.80	35.6	2.74	2.37	<0.05	0.04	0.06	0.028	0.08	10.9	9.2	0.98	470	4.20	0.01
ZZ86116		1.01	44.4	2.63	2.92	0.05	0.05	0.10	0.033	0.09	13.6	10.8	0.95	364	5.79	0.01
ZZ86117		0.79	40.8	2.32	2.44	0.05	0.03	0.07	0.026	0.07	9.8	9.1	0.95	521	2.96	0.01
ZZ86118		0.98	45.8	2.96	3.14	0.05	0.06	0.11	0.032	0.11	13.8	11.5	1.25	557	5.46	0.01
ZZ86119		1.16	41.4	2.85	2.92	0.05	0.08	0.06	0.033	0.13	12.9	11.4	2.41	519	5.38	0.01
ZZ86120		1.33	62.3	3.73	3.81	0.05	0.09	0.12	0.042	0.16	15.3	15.4	1.95	626	7.99	0.02
ZZ86121		0.96	53.0	2.38	2.76	0.05	0.04	0.11	0.034	0.06	10.0	9.2	0.50	650	7.88	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86082		0.85	35.0	890	31.7	12.2	0.002	0.05	1.85	2.7	1.0	1.3	35.8	<0.01	0.04	1.9
ZZ86083		0.87	37.4	880	30.8	11.9	0.002	0.04	1.82	2.7	1.4	1.2	35.8	<0.01	0.05	2.0
ZZ86084		0.88	39.5	920	32.2	12.9	0.001	0.04	2.18	3.0	1.2	1.3	34.7	<0.01	0.06	1.9
ZZ86085		1.06	40.1	970	25.8	20.4	0.001	0.04	1.92	3.8	1.6	0.8	67.3	<0.01	0.05	2.1
ZZ86086		0.88	43.3	950	30.9	13.1	0.002	0.04	2.07	2.6	1.7	1.2	40.0	<0.01	0.05	1.6
ZZ86087		0.99	103.0	1300	20.3	12.7	0.001	0.02	3.17	3.3	2.7	1.0	66.1	<0.01	0.08	3.4
ZZ86088		0.90	117.0	1110	20.9	19.1	<0.001	0.03	2.36	2.9	1.3	0.8	39.3	<0.01	0.05	2.2
ZZ86089		0.87	66.2	900	21.5	10.9	0.001	0.03	3.05	3.0	2.9	1.5	45.3	<0.01	0.08	2.7
ZZ86090		0.30	51.0	5140	41.2	22.4	0.006	0.96	24.6	1.1	96.3	20.8	1100	<0.01	1.95	6.7
ZZ86091		0.79	51.1	950	21.6	8.6	0.001	0.02	2.28	2.7	2.1	0.8	74.2	<0.01	0.06	2.9
ZZ86092		1.39	51.8	960	18.8	13.1	0.001	0.01	1.78	3.0	1.1	0.6	49.4	<0.01	0.05	3.3
ZZ86093		0.78	39.1	760	22.4	15.7	0.010	0.03	1.49	2.4	2.9	0.9	86.3	<0.01	0.04	2.5
ZZ86094		0.71	42.3	640	17.9	14.8	0.003	0.04	1.36	2.0	1.5	0.8	84.9	<0.01	0.04	1.6
ZZ86095		0.78	88.7	1130	18.2	11.2	0.001	0.02	2.68	2.6	2.1	7.6	47.3	<0.01	0.05	2.4
ZZ86096		2.34	101.0	1050	28.5	22.0	0.001	0.03	1.81	4.4	1.6	1.2	55.7	<0.01	0.06	2.1
ZZ86097		2.13	64.4	1010	26.8	23.6	0.001	0.03	1.32	5.0	1.2	1.2	60.7	<0.01	0.05	2.2
ZZ86098		0.85	56.3	980	21.2	13.0	0.002	0.03	2.26	2.5	1.9	0.7	43.6	<0.01	0.06	2.3
ZZ86099		0.84	55.7	1010	24.6	13.4	0.004	0.04	1.71	2.6	2.3	0.8	43.5	<0.01	0.05	2.4
ZZ86100		0.86	57.7	960	26.1	11.6	0.003	0.03	1.93	2.9	2.4	0.8	42.5	<0.01	0.06	2.4
ZZ86101		0.89	60.6	900	24.3	11.4	0.002	0.03	1.95	2.7	2.5	0.8	43.6	<0.01	0.04	2.2
ZZ86102		0.83	60.2	970	27.2	11.3	0.002	0.03	2.00	2.9	2.0	0.9	38.8	<0.01	0.06	2.0
ZZ86103		0.78	63.0	920	25.6	12.2	0.001	0.02	2.09	2.9	1.9	0.8	49.6	<0.01	0.05	2.5
ZZ86104		1.02	39.8	690	21.0	13.7	0.002	0.03	1.34	2.4	1.5	0.9	49.1	<0.01	0.03	2.0
ZZ86105		0.90	65.6	1020	29.9	15.2	0.002	0.04	1.98	3.0	2.0	1.0	36.9	<0.01	0.05	1.9
ZZ86106		0.66	49.2	720	15.0	13.7	0.001	0.05	1.54	1.9	1.6	0.7	96.8	<0.01	0.05	1.5
ZZ86107		0.72	40.4	610	15.7	12.6	0.001	0.03	1.20	1.8	1.0	0.9	91.6	<0.01	0.04	1.6
ZZ86108		0.82	54.9	1080	24.2	16.4	0.007	0.08	1.72	2.2	3.9	0.8	49.0	<0.01	0.05	1.1
ZZ86109		0.91	40.4	740	18.4	17.6	0.003	0.04	1.15	2.1	1.3	0.9	52.7	<0.01	0.04	1.7
ZZ86110		1.29	37.3	690	22.4	20.6	0.001	0.01	1.16	2.7	0.9	1.1	54.1	<0.01	0.03	2.7
ZZ86111		0.78	59.4	950	23.3	10.1	0.001	0.05	1.61	2.1	2.2	0.8	34.6	<0.01	0.05	1.1
ZZ86112		0.81	61.8	970	23.9	9.2	0.001	0.02	2.07	2.7	1.5	0.8	40.6	<0.01	0.05	2.4
ZZ86113		0.81	38.4	810	17.7	14.9	0.002	0.04	1.28	2.1	1.3	1.7	56.6	<0.01	0.03	1.8
ZZ86114		0.79	47.0	820	18.7	14.2	0.003	0.06	1.45	1.9	1.6	0.7	63.5	<0.01	0.04	1.4
ZZ86115		0.78	85.6	1150	15.3	9.0	0.005	0.06	1.53	1.9	2.7	0.6	37.3	<0.01	0.04	1.7
ZZ86116		0.85	88.1	1180	19.8	8.9	0.007	0.04	1.84	2.4	2.3	0.6	35.3	<0.01	0.05	2.3
ZZ86117		0.69	84.7	1050	14.3	7.3	0.002	0.06	1.77	1.9	2.3	0.5	44.1	<0.01	0.04	0.9
ZZ86118		0.84	55.3	1110	21.6	9.6	0.001	0.02	1.95	2.9	1.4	0.6	32.1	<0.01	0.05	3.0
ZZ86119		0.80	51.4	1030	19.9	10.2	0.002	0.02	2.07	2.8	1.1	0.9	69.5	<0.01	0.04	3.8
ZZ86120		0.56	105.0	1250	26.9	12.3	0.001	0.02	2.68	3.8	1.7	1.2	57.3	<0.01	0.08	4.8
ZZ86121		0.98	64.3	1110	14.9	10.2	0.014	0.12	2.50	1.9	7.0	0.9	54.8	<0.01	0.05	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ86082		0.029	0.19	0.82	50	0.94	7.82	155	1.7
ZZ86083		0.030	0.20	0.85	51	1.15	7.55	151	1.7
ZZ86084		0.032	0.24	0.81	58	0.83	8.13	172	1.6
ZZ86085		0.048	0.32	1.18	59	2.43	9.97	157	1.5
ZZ86086		0.033	0.20	1.17	57	2.35	8.56	225	1.7
ZZ86087		0.037	0.30	1.76	48	0.72	13.05	399	3.1
ZZ86088		0.043	0.60	1.21	52	1.48	10.30	344	1.9
ZZ86089		0.021	0.27	1.27	63	0.90	12.00	197	2.7
ZZ86090		0.018	6.23	36.8	190	12.55	2.53	327	5.7
ZZ86091		0.028	0.24	0.88	49	0.81	8.92	180	3.5
ZZ86092		0.033	0.18	1.02	41	0.29	9.61	189	2.4
ZZ86093		0.034	0.21	2.91	33	9.61	8.37	168	2.0
ZZ86094		0.033	0.27	1.16	33	6.41	7.11	217	1.5
ZZ86095		0.038	0.59	1.22	42	2.32	12.05	293	11.2
ZZ86096		0.083	0.52	1.38	68	5.44	12.20	439	1.7
ZZ86097		0.103	0.43	1.03	75	3.19	13.55	196	1.3
ZZ86098		0.036	0.27	1.49	53	2.53	10.05	279	2.2
ZZ86099		0.034	0.24	2.02	49	1.83	9.47	321	2.3
ZZ86100		0.037	0.26	2.02	49	2.13	10.20	271	2.1
ZZ86101		0.034	0.24	1.88	48	1.76	9.03	271	2.1
ZZ86102		0.037	0.27	1.36	53	2.04	10.30	289	1.9
ZZ86103		0.037	0.26	1.11	48	2.00	10.65	267	2.0
ZZ86104		0.047	0.25	1.27	35	2.47	7.49	190	1.9
ZZ86105		0.041	0.31	2.24	54	1.86	10.75	309	1.7
ZZ86106		0.031	0.31	1.63	35	9.27	7.23	233	1.6
ZZ86107		0.032	0.22	1.25	30	10.55	6.45	205	1.4
ZZ86108		0.029	0.27	5.63	46	1.14	8.01	323	1.7
ZZ86109		0.042	0.25	1.41	35	2.96	6.50	236	1.3
ZZ86110		0.057	0.28	0.67	35	3.28	7.38	179	2.1
ZZ86111		0.033	0.19	1.71	48	1.11	7.68	312	1.1
ZZ86112		0.035	0.26	0.82	49	2.41	8.93	271	2.0
ZZ86113		0.038	0.24	1.09	38	6.32	6.59	212	1.4
ZZ86114		0.034	0.25	2.20	37	3.53	6.39	243	1.4
ZZ86115		0.023	0.25	3.81	37	1.95	7.28	894	1.6
ZZ86116		0.028	0.29	3.41	42	0.48	9.23	695	2.0
ZZ86117		0.020	0.27	2.64	33	0.49	7.44	545	1.5
ZZ86118		0.029	0.23	1.27	43	0.78	9.03	312	2.6
ZZ86119		0.034	0.23	1.72	40	0.97	8.40	261	4.4
ZZ86120		0.035	0.32	1.25	57	0.53	11.65	319	5.6
ZZ86121		0.020	0.28	5.77	40	0.22	8.83	413	1.7

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Finalized Date: 20-AUG-2013
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Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86122		0.25	0.005	0.31	1.29	40.0	<0.2	<10	250	0.77	1.33	1.40	33.1	22.9	19.1	23
ZZ86123		0.43	0.007	0.23	1.91	44.5	<0.2	<10	260	0.62	2.05	0.07	0.80	33.1	11.0	28
ZZ86124		0.36	0.029	0.15	1.60	63.8	<0.2	<10	320	0.59	1.10	0.23	0.59	30.5	13.8	26
ZZ86125		0.47	0.010	0.33	1.38	56.6	<0.2	<10	330	0.62	2.93	1.12	1.45	29.2	12.6	26
ZZ86126		0.42	0.007	0.25	1.33	27.1	<0.2	<10	310	0.54	2.02	1.92	0.71	25.5	10.4	27
ZZ86127		0.14	0.008	0.32	0.85	53.5	<0.2	<10	450	0.39	1.93	2.15	6.90	17.15	23.2	21
ZZ86128		0.47	0.017	0.13	1.48	91.3	<0.2	<10	290	0.67	3.55	0.18	1.81	37.0	15.7	27
ZZ86129		0.47	0.016	0.18	1.50	88.8	<0.2	<10	370	0.70	1.84	0.48	0.64	35.9	14.9	25
ZZ86130		0.46	0.062	0.36	1.02	86.7	<0.2	<10	340	0.51	2.41	4.85	2.42	31.0	15.8	18
ZZ86131		0.23	0.006	0.21	1.08	42.4	<0.2	<10	280	0.37	2.03	1.52	4.85	23.4	11.3	25
ZZ86132		0.52	0.010	0.24	1.47	60.0	<0.2	<10	670	0.53	1.79	0.79	0.92	31.0	12.3	29
ZZ86133		0.24	0.094	0.43	0.88	58.5	<0.2	<10	360	0.52	2.13	2.18	4.87	20.0	10.6	20
ZZ86134		0.37	0.013	0.30	1.26	66.7	<0.2	<10	380	0.54	1.79	1.18	1.48	29.4	13.4	22
ZZ86135		0.35	0.014	0.33	1.26	56.5	<0.2	<10	410	0.52	1.78	2.06	3.26	30.5	12.8	23
ZZ86136		0.28	0.019	0.26	0.95	36.8	<0.2	<10	380	0.40	1.45	2.03	4.59	20.3	10.4	18
ZZ86137		0.22	0.015	0.23	0.86	51.5	<0.2	<10	270	0.39	1.50	1.53	3.89	21.3	10.6	17
ZZ86138		0.25	0.058	0.29	0.79	51.8	<0.2	<10	260	0.36	1.60	3.02	5.66	23.3	13.1	16
ZZ86139		0.36	0.118	0.39	1.56	43.9	<0.2	<10	250	0.56	1.12	1.38	1.07	30.7	12.2	24
ZZ86140		0.34	0.021	0.23	0.90	30.1	<0.2	<10	230	0.35	1.54	1.23	4.00	25.8	8.0	17
ZZ86141		0.21	0.073	0.24	0.91	26.4	<0.2	<10	260	0.39	1.52	1.48	3.24	25.0	6.2	17
ZZ86142		0.19	0.005	0.25	0.66	54.0	<0.2	<10	960	0.29	1.19	2.87	12.05	13.35	18.6	13
ZZ86143		0.23	0.009	0.22	1.01	65.3	<0.2	<10	430	0.41	1.42	1.94	4.43	21.2	14.0	20
ZZ86144		0.29	0.009	0.29	1.04	50.3	<0.2	<10	300	0.43	1.72	1.46	3.77	22.8	11.1	22
ZZ86145		0.21	0.006	0.34	1.00	37.1	<0.2	<10	450	0.38	1.49	2.36	5.08	15.65	12.4	20
ZZ86146		0.25	0.007	0.40	1.00	33.3	<0.2	<10	270	0.49	1.39	1.57	3.23	20.5	8.8	21
ZZ86147		0.26	0.006	0.40	0.92	42.1	<0.2	<10	560	0.44	1.18	2.05	4.30	13.80	19.3	18
ZZ86148		0.27	0.006	0.38	1.07	13.5	<0.2	<10	400	0.45	1.97	1.50	3.51	19.50	6.2	25
ZZ86149		0.27	0.010	0.58	1.47	22.9	<0.2	<10	380	0.66	2.15	1.16	3.98	24.6	12.8	35
ZZ86150		0.21	0.010	0.38	0.84	29.8	<0.2	<10	300	0.47	1.37	2.49	4.29	15.05	8.1	19
ZZ86151		0.15	0.007	0.45	0.88	34.4	<0.2	<10	280	0.48	1.47	2.05	4.43	18.30	11.3	20
ZZ86152		0.31	0.010	0.36	1.04	55.3	<0.2	<10	290	0.53	1.55	1.16	4.14	22.7	11.9	23
ZZ86153		0.26	0.008	0.36	0.93	38.4	<0.2	<10	320	0.49	1.30	2.03	4.15	17.40	9.7	19
ZZ86154		0.23	0.007	0.32	0.92	27.5	<0.2	<10	250	0.40	1.26	2.53	4.55	21.2	9.3	20
ZZ86155		0.40	0.012	0.29	0.85	14.0	<0.2	<10	240	0.43	1.32	2.72	5.08	19.40	6.7	20
ZZ86156		0.46	0.011	0.36	0.95	36.6	<0.2	<10	200	0.44	1.39	4.26	0.94	20.7	9.8	20
ZZ86157		0.46	0.011	0.27	1.59	52.2	<0.2	<10	330	0.76	0.86	0.23	1.74	33.7	13.1	26
ZZ86158		0.17	0.009	0.46	0.95	36.2	<0.2	<10	360	0.34	1.62	1.87	5.28	18.60	11.5	29
ZZ86159		0.17	0.007	0.64	0.94	67.5	<0.2	<10	420	0.60	1.59	2.34	15.40	16.55	38.9	25
ZZ86160		0.27	0.012	0.75	0.92	27.5	<0.2	<10	360	0.48	1.13	1.45	7.86	21.8	7.3	22
ZZ86161		0.41	0.007	0.54	0.63	46.3	<0.2	<10	330	0.92	1.55	2.12	20.0	21.4	10.5	21

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86122		0.85	559	2.70	3.18	0.07	0.05	0.09	0.071	0.09	11.8	11.0	0.57	476	33.0	0.01
ZZ86123		0.89	47.9	3.03	4.67	<0.05	0.03	0.07	0.045	0.04	17.7	11.9	0.36	208	9.21	<0.01
ZZ86124		0.89	54.6	3.79	4.00	0.05	0.03	0.11	0.038	0.06	16.3	13.7	0.45	383	3.71	0.01
ZZ86125		1.02	53.5	3.43	3.88	0.05	0.05	0.08	0.053	0.11	15.5	14.1	0.69	466	6.33	0.01
ZZ86126		1.09	37.6	2.77	3.73	0.05	0.06	0.06	0.031	0.07	13.4	13.2	1.38	474	2.88	0.02
ZZ86127		1.04	47.9	3.29	2.61	0.06	0.05	0.10	0.033	0.06	8.9	8.4	0.47	1940	18.55	0.01
ZZ86128		0.88	73.3	3.91	3.63	0.06	0.04	0.10	0.072	0.07	19.8	10.6	0.45	454	7.71	0.01
ZZ86129		0.94	66.2	4.14	3.90	0.06	0.04	0.09	0.047	0.10	18.9	10.6	0.55	668	5.14	0.01
ZZ86130		1.19	69.3	3.64	3.18	0.06	0.13	0.09	0.046	0.14	16.4	9.8	2.07	550	6.76	0.01
ZZ86131		1.00	38.0	2.60	3.24	0.05	0.04	0.09	0.041	0.08	12.4	11.3	0.63	386	6.11	0.01
ZZ86132		1.56	46.7	3.46	4.51	0.05	0.04	0.07	0.040	0.10	16.4	13.4	0.74	445	5.80	0.01
ZZ86133		0.90	62.8	2.82	2.33	0.05	0.05	0.14	0.049	0.09	11.1	6.9	0.56	452	18.70	0.01
ZZ86134		0.81	55.2	3.53	3.50	0.06	0.05	0.09	0.036	0.10	15.6	10.7	0.57	700	7.32	0.01
ZZ86135		0.99	58.0	3.40	3.38	0.05	0.06	0.11	0.041	0.14	16.1	10.8	1.16	612	7.98	0.01
ZZ86136		0.73	44.0	2.50	2.54	<0.05	0.04	0.11	0.031	0.07	10.6	8.3	0.53	990	7.48	0.01
ZZ86137		0.74	41.4	2.68	2.44	0.05	0.04	0.08	0.032	0.08	11.2	7.9	0.58	609	6.61	0.01
ZZ86138		0.80	50.9	2.62	2.45	0.06	0.04	0.08	0.034	0.07	12.3	7.7	1.39	522	6.38	0.01
ZZ86139		1.66	50.7	3.83	5.20	0.06	0.03	0.10	0.036	0.09	16.9	14.3	1.21	622	4.14	0.01
ZZ86140		0.81	37.0	2.28	2.57	0.05	0.04	0.06	0.034	0.07	13.4	8.2	0.49	421	5.46	0.01
ZZ86141		0.85	46.3	2.05	2.62	0.05	0.04	0.07	0.031	0.07	13.2	8.7	0.50	243	4.02	0.01
ZZ86142		0.85	35.8	2.52	2.21	0.05	0.04	0.09	0.023	0.07	6.5	5.8	0.49	12050	29.3	0.01
ZZ86143		1.10	38.7	3.67	2.92	0.05	0.05	0.08	0.030	0.10	11.0	9.0	0.82	1660	10.15	0.01
ZZ86144		1.14	42.9	2.83	3.22	0.05	0.04	0.09	0.035	0.07	11.9	10.6	0.55	436	6.18	0.01
ZZ86145		1.08	47.4	2.41	2.98	<0.05	0.05	0.11	0.032	0.08	8.3	9.0	0.54	2220	10.20	0.01
ZZ86146		1.09	39.7	2.29	3.19	0.05	0.05	0.10	0.036	0.07	11.3	11.5	0.55	625	4.94	0.01
ZZ86147		0.90	46.0	3.30	2.71	<0.05	0.05	0.10	0.028	0.08	7.0	9.4	0.48	3020	13.10	0.01
ZZ86148		1.39	36.6	1.53	3.38	<0.05	0.05	0.09	0.042	0.06	10.4	12.1	0.60	803	5.66	0.01
ZZ86149		2.04	56.4	1.79	4.51	0.05	0.06	0.12	0.048	0.09	13.2	16.7	0.74	214	5.11	0.01
ZZ86150		0.88	50.3	2.08	2.45	0.05	0.05	0.12	0.035	0.06	7.7	8.7	0.49	610	5.95	0.01
ZZ86151		0.90	44.5	2.38	2.58	0.05	0.04	0.14	0.038	0.06	10.0	9.5	0.51	634	6.01	0.01
ZZ86152		1.08	44.5	3.69	3.21	0.05	0.04	0.11	0.034	0.07	12.1	11.5	0.60	308	7.05	0.01
ZZ86153		0.93	48.5	2.65	2.69	<0.05	0.05	0.10	0.031	0.08	9.5	9.6	0.50	378	5.40	0.01
ZZ86154		1.00	44.4	2.19	2.70	<0.05	0.04	0.09	0.032	0.07	11.5	9.7	1.25	382	3.82	0.01
ZZ86155		1.01	43.2	1.91	2.45	<0.05	0.04	0.08	0.031	0.07	10.5	8.9	1.21	189	2.76	0.01
ZZ86156		1.11	36.9	2.56	2.88	0.05	0.04	0.07	0.032	0.05	11.5	10.0	2.68	443	3.40	0.02
ZZ86157		0.95	48.2	3.42	4.21	0.05	0.03	0.09	0.039	0.05	16.7	11.2	0.42	613	19.55	<0.01
ZZ86158		1.40	43.4	2.45	2.94	0.05	0.04	0.14	0.031	0.06	9.8	9.8	0.57	1460	9.22	<0.01
ZZ86159		1.27	82.6	3.29	2.72	0.06	0.03	0.12	0.035	0.04	8.3	7.5	0.51	1740	12.45	0.01
ZZ86160		1.09	73.5	1.65	2.79	0.05	0.05	0.13	0.041	0.05	12.0	9.3	0.45	79	7.17	<0.01
ZZ86161		0.73	99.9	2.86	1.82	0.05	0.04	0.81	0.051	0.04	14.2	4.8	0.59	331	59.4	<0.01

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86122		0.95	381	1320	16.1	9.4	0.012	0.05	6.87	2.7	10.4	0.8	30.5	<0.01	0.05	2.1
ZZ86123		1.01	47.4	510	15.5	9.5	<0.001	0.01	1.64	2.9	2.4	1.1	14.6	<0.01	0.05	4.3
ZZ86124		1.06	45.4	620	21.7	8.1	<0.001	0.01	1.75	3.6	1.7	0.7	12.6	<0.01	0.05	3.4
ZZ86125		1.14	54.7	970	24.6	10.7	0.001	0.03	2.53	3.3	2.0	1.3	31.5	<0.01	0.07	3.2
ZZ86126		0.96	38.1	880	19.6	9.3	<0.001	0.01	1.62	3.4	0.7	0.8	25.9	<0.01	0.04	3.5
ZZ86127		0.90	75.6	920	14.5	8.0	0.018	0.15	2.18	2.1	6.9	0.6	60.4	<0.01	0.06	1.2
ZZ86128		1.35	72.4	800	19.9	10.4	<0.001	0.02	2.77	3.7	3.8	1.4	23.4	<0.01	0.07	4.4
ZZ86129		1.09	54.2	1070	22.0	9.5	<0.001	0.02	2.40	3.7	2.2	0.9	21.5	<0.01	0.07	4.2
ZZ86130		0.86	60.4	1450	25.7	12.0	0.001	0.02	3.40	3.2	2.2	1.0	79.7	<0.01	0.06	4.9
ZZ86131		1.11	48.6	1030	16.5	11.7	0.009	0.08	1.79	2.5	5.3	1.0	45.3	<0.01	0.05	1.6
ZZ86132		1.23	45.5	1030	17.8	11.5	<0.001	0.02	1.91	3.7	1.5	0.8	25.3	<0.01	0.06	3.5
ZZ86133		0.87	104.0	1390	16.4	7.7	0.001	0.07	3.19	1.9	3.9	6.0	43.1	<0.01	0.07	1.3
ZZ86134		1.11	52.6	1220	19.4	9.5	<0.001	0.03	2.16	2.8	1.3	0.7	31.2	<0.01	0.05	2.3
ZZ86135		1.06	76.3	1200	20.2	11.3	0.001	0.03	2.44	3.0	2.3	0.7	34.0	<0.01	0.05	3.3
ZZ86136		0.86	61.6	1110	16.2	8.1	0.011	0.09	1.80	1.9	3.7	0.8	45.1	<0.01	0.05	1.2
ZZ86137		0.85	58.9	1160	15.2	7.8	0.005	0.05	2.01	1.8	2.4	0.7	33.6	<0.01	0.05	1.6
ZZ86138		0.97	70.1	1280	17.7	8.5	0.008	0.07	2.43	2.0	2.7	0.7	48.1	<0.01	0.04	1.9
ZZ86139		2.11	57.3	980	15.9	14.1	<0.001	0.02	2.23	4.4	1.8	1.1	27.1	<0.01	0.07	3.2
ZZ86140		1.02	67.3	1190	15.0	8.7	0.010	0.06	1.65	1.9	3.8	0.5	32.1	<0.01	0.05	1.9
ZZ86141		0.99	65.5	1190	14.1	6.5	0.015	0.09	1.65	1.9	4.2	0.6	37.8	<0.01	0.04	1.6
ZZ86142		0.68	141.0	1120	11.7	10.0	0.031	0.16	2.12	1.2	5.7	0.5	64.2	<0.01	0.04	0.6
ZZ86143		0.87	112.0	1150	15.2	13.7	0.013	0.07	1.92	2.2	3.4	0.7	38.5	<0.01	0.06	1.7
ZZ86144		1.08	78.2	1040	16.8	10.3	0.013	0.09	1.92	2.4	4.0	0.8	41.0	<0.01	0.05	1.8
ZZ86145		0.89	88.9	1130	15.7	9.6	0.032	0.17	2.10	1.8	5.7	0.7	56.2	<0.01	0.04	0.9
ZZ86146		1.08	92.7	1070	16.5	8.2	0.018	0.11	1.39	2.4	2.9	0.8	42.7	<0.01	0.02	1.3
ZZ86147		0.89	118.0	1090	14.2	7.1	0.032	0.21	2.18	2.1	4.6	0.6	49.6	<0.01	0.01	1.1
ZZ86148		1.06	46.2	1060	23.5	6.4	0.014	0.17	1.85	2.3	3.4	0.8	41.6	<0.01	0.02	1.3
ZZ86149		1.65	76.7	930	24.2	14.8	0.015	0.14	1.92	4.0	3.7	1.1	36.1	<0.01	0.01	2.4
ZZ86150		0.92	81.9	1010	15.1	8.6	0.024	0.15	1.94	1.7	5.6	0.7	53.8	<0.01	0.03	0.7
ZZ86151		1.00	91.2	990	16.4	10.0	0.021	0.12	1.75	2.1	5.3	0.8	48.3	<0.01	0.03	0.9
ZZ86152		1.09	90.9	1020	16.5	8.0	0.010	0.06	1.85	2.6	3.6	0.8	29.9	<0.01	0.01	1.8
ZZ86153		1.00	80.8	1020	14.9	10.5	0.017	0.12	1.92	2.0	4.3	0.7	47.4	<0.01	0.02	1.0
ZZ86154		0.90	88.4	1100	16.9	9.8	0.005	0.05	1.52	2.2	2.4	0.8	38.1	<0.01	0.02	1.6
ZZ86155		0.92	63.9	970	15.1	11.2	0.025	0.10	1.79	2.0	5.4	0.7	40.7	<0.01	0.01	1.3
ZZ86156		1.10	41.4	1110	15.9	8.4	0.001	0.02	1.59	2.7	0.8	0.6	40.9	<0.01	0.02	2.2
ZZ86157		1.46	88.4	590	16.3	9.5	0.001	0.02	3.24	4.3	2.0	0.8	12.8	<0.01	0.04	3.5
ZZ86158		0.92	73.2	1100	13.1	10.3	0.015	0.11	1.90	2.4	6.2	0.6	55.2	<0.01	0.03	0.9
ZZ86159		0.94	100.0	1180	12.9	6.1	0.039	0.20	2.55	2.1	9.7	0.5	60.7	<0.01	0.04	0.5
ZZ86160		1.15	53.5	1000	15.5	7.3	0.016	0.17	3.14	2.4	8.3	0.6	42.5	<0.01	0.01	1.5
ZZ86161		0.56	222	760	26.8	5.1	0.002	0.10	5.36	3.1	5.8	1.2	46.4	<0.01	0.12	3.0

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Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ86122		0.023	0.16	14.70	59	0.65	20.9	2110	2.1
ZZ86123		0.025	0.22	1.09	68	0.37	4.20	132	1.4
ZZ86124		0.019	0.18	1.15	52	0.19	9.78	115	1.1
ZZ86125		0.027	0.25	1.25	56	0.53	9.56	214	2.4
ZZ86126		0.038	0.17	0.69	51	2.35	9.22	141	2.6
ZZ86127		0.020	0.24	4.57	39	0.48	8.98	450	1.9
ZZ86128		0.024	0.32	1.69	58	0.49	10.50	198	2.2
ZZ86129		0.022	0.26	1.37	55	0.25	10.95	144	2.1
ZZ86130		0.033	0.35	1.43	44	0.25	10.05	198	7.8
ZZ86131		0.025	0.28	3.75	46	0.23	8.47	473	1.6
ZZ86132		0.034	0.30	1.49	56	0.22	8.08	174	1.4
ZZ86133		0.017	0.39	7.15	62	0.38	13.85	537	2.4
ZZ86134		0.027	0.19	2.85	46	0.28	10.65	159	1.9
ZZ86135		0.026	0.27	2.43	44	0.31	10.30	440	2.8
ZZ86136		0.019	0.23	15.05	36	0.24	8.26	406	1.7
ZZ86137		0.022	0.21	5.27	36	0.25	7.83	402	1.6
ZZ86138		0.022	0.23	3.44	35	0.27	9.19	368	2.0
ZZ86139		0.053	0.29	1.45	54	0.34	15.00	184	1.5
ZZ86140		0.023	0.31	4.40	36	0.39	8.03	535	1.6
ZZ86141		0.021	0.34	4.61	31	0.20	8.39	433	1.5
ZZ86142		0.015	0.32	6.55	25	0.16	5.50	848	1.5
ZZ86143		0.025	0.33	3.18	41	0.64	7.60	897	1.7
ZZ86144		0.026	0.29	4.43	43	0.40	9.24	570	1.8
ZZ86145		0.019	0.30	9.27	37	0.26	7.72	564	2.0
ZZ86146		0.025	0.31	3.79	38	0.38	8.13	864	1.8
ZZ86147		0.017	0.30	11.75	33	0.32	5.88	877	2.0
ZZ86148		0.027	0.26	3.43	44	2.29	7.62	280	2.2
ZZ86149		0.037	0.35	4.02	56	0.52	11.10	518	2.7
ZZ86150		0.018	0.34	11.90	35	0.30	8.01	548	2.0
ZZ86151		0.021	0.32	6.03	36	0.30	9.05	633	2.0
ZZ86152		0.024	0.26	2.69	44	0.34	8.93	584	1.8
ZZ86153		0.018	0.26	6.52	35	0.28	8.29	570	2.1
ZZ86154		0.025	0.28	3.27	37	0.83	8.09	760	1.9
ZZ86155		0.023	0.31	4.29	38	3.24	8.58	581	1.9
ZZ86156		0.035	0.20	0.99	42	2.92	8.76	151	1.7
ZZ86157		0.023	0.21	1.53	52	0.57	12.30	187	1.5
ZZ86158		0.026	0.31	5.56	38	0.15	8.83	698	1.5
ZZ86159		0.021	0.32	12.20	38	0.18	12.15	540	1.6
ZZ86160		0.023	0.23	8.44	46	0.16	10.80	417	2.3
ZZ86161		0.009	0.63	3.64	76	0.75	21.6	1220	3.0

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86162	0.44	0.016	0.40	1.40	64.2	<0.2	<10	400	0.68	1.30	0.67	0.59	30.4	12.2	23
ZZ86163	0.36	0.029	0.36	1.22	60.9	<0.2	<10	530	0.54	1.26	1.66	1.74	26.9	10.8	21
ZZ86164	0.31	0.104	0.22	1.14	135.5	<0.2	<10	420	0.33	4.07	8.34	1.47	18.60	12.2	37
ZZ86165	0.35	0.004	0.31	1.58	19.4	<0.2	<10	440	0.79	0.57	1.33	0.70	24.4	13.4	29
ZZ86166	0.35	0.006	0.28	1.50	21.4	<0.2	<10	490	0.82	0.70	1.54	0.74	21.6	12.9	27
ZZ86167	0.40	0.005	0.28	1.34	22.4	<0.2	<10	660	0.74	0.88	2.98	0.76	21.1	10.8	25
ZZ86168	0.36	0.005	0.27	1.09	36.6	<0.2	<10	670	0.42	1.54	5.62	0.94	16.65	9.1	25
ZZ86169	0.60	0.006	0.32	1.54	55.5	<0.2	<10	380	0.47	1.84	8.14	0.84	16.90	10.1	39
ZZ86170	0.23	0.005	0.30	0.94	30.5	<0.2	<10	970	0.41	1.25	3.85	1.04	14.45	7.5	20
ZZ86171	0.29	0.007	0.40	1.24	40.3	<0.2	<10	620	0.44	1.33	5.93	1.14	17.30	9.6	28
ZZ86172	0.47	0.004	0.56	2.48	30.4	<0.2	<10	380	0.88	0.57	1.32	1.97	31.7	14.7	57
ZZ86173	0.36	0.003	0.23	1.71	16.9	<0.2	<10	370	0.53	0.49	0.83	0.56	22.2	9.1	38
ZZ86174	0.31	0.018	0.37	1.39	75.3	<0.2	<10	430	0.57	2.90	1.80	1.10	30.2	12.8	30
ZZ86175	0.35	0.009	0.49	1.43	33.6	<0.2	<10	680	0.70	1.06	1.92	0.76	25.0	11.9	30
ZZ86176	0.23	0.015	0.41	1.33	59.8	<0.2	<10	530	0.70	1.73	1.10	0.87	28.5	12.7	28
ZZ86177	0.44	0.025	0.42	1.27	42.0	<0.2	<10	570	0.53	1.13	3.39	1.62	22.7	14.4	29
ZZ86178	0.47	0.008	0.38	1.70	39.1	<0.2	<10	460	0.73	0.97	0.60	0.61	32.7	14.4	33
ZZ86179	0.53	0.005	0.26	1.77	34.5	<0.2	<10	360	0.78	0.96	0.89	0.41	29.8	12.5	36
ZZ86180	0.46	0.011	0.30	1.56	61.3	<0.2	<10	280	0.64	1.86	5.07	0.55	25.3	11.1	33
ZZ86181	0.37	0.066	0.24	2.35	127.5	<0.2	<10	420	0.94	3.89	1.73	0.59	41.8	17.6	58
ZZ86182	0.39	0.093	0.32	1.71	88.6	<0.2	<10	280	0.71	3.21	0.82	0.43	25.6	12.9	48
ZZ86183	0.43	0.018	0.17	1.95	39.9	<0.2	<10	380	0.36	0.82	1.82	0.48	10.10	32.0	112
ZZ86184	0.30	0.081	0.22	0.98	158	<0.2	<10	410	0.26	3.07	10.15	0.92	15.55	11.4	31
ZZ86185	0.27	0.008	0.29	1.22	33.8	<0.2	<10	760	0.42	0.95	2.12	1.79	20.5	14.7	27
ZZ86186	0.26	0.004	0.31	1.13	28.8	<0.2	10	710	0.41	0.93	2.31	1.77	18.10	12.0	25
ZZ86187	0.24	0.006	0.25	1.06	64.0	<0.2	<10	980	0.34	1.39	3.58	1.61	21.4	12.3	26
ZZ86188	0.39	0.006	0.32	2.01	57.4	<0.2	<10	330	0.76	1.94	3.01	0.63	22.2	13.0	43
ZZ86189	0.34	0.009	0.06	1.84	30.2	<0.2	<10	270	0.46	1.39	0.32	0.20	20.2	9.1	39
ZZ86190	0.33	0.008	0.40	1.32	43.4	<0.2	<10	780	0.53	1.47	3.61	1.67	22.3	11.6	29
ZZ86191	0.35	0.008	0.18	1.85	22.2	<0.2	<10	320	0.60	0.47	0.25	0.34	29.4	9.3	26
ZZ86192	0.39	0.016	0.27	1.74	39.2	<0.2	<10	440	0.73	0.77	0.67	0.60	27.3	12.3	32
ZZ86193	0.17	0.002	0.22	0.50	11.6	<0.2	<10	910	0.22	0.28	4.64	1.13	6.54	5.4	10
ZZ86194	0.42	0.012	0.42	1.41	36.5	<0.2	<10	560	0.68	0.79	1.43	0.76	25.8	13.9	32
ZZ86195	0.51	0.005	0.31	1.27	36.6	<0.2	<10	380	0.54	1.33	3.01	0.98	24.0	12.5	26
ZZ86196	0.25	0.006	0.33	1.35	42.5	<0.2	<10	690	0.45	1.13	1.83	1.34	21.2	11.9	29
ZZ86197	0.24	0.005	0.30	1.33	33.0	<0.2	<10	720	0.52	1.28	2.32	1.32	19.80	13.3	28
ZZ86198	0.17	0.003	0.27	0.94	27.8	<0.2	10	480	0.33	0.92	2.75	1.11	14.90	10.9	21
ZZ86199	0.25	0.005	0.38	1.46	52.6	<0.2	<10	520	0.57	1.98	2.09	0.78	20.2	12.6	31
ZZ86200	0.41	0.009	0.37	1.58	51.3	<0.2	<10	460	0.55	1.88	4.04	1.14	21.6	14.4	39
ZZ86201	0.31	0.006	0.40	1.05	40.2	<0.2	<10	730	0.41	1.08	3.59	1.83	18.95	11.5	26

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86162		0.77	54.0	3.61	3.95	0.05	0.05	0.08	0.038	0.08	17.5	12.8	0.55	534	3.73	<0.01
ZZ86163		0.66	49.6	3.28	3.43	<0.05	0.05	0.08	0.036	0.08	15.2	11.2	0.99	448	5.52	0.01
ZZ86164		1.91	28.5	2.88	3.43	<0.05	0.02	0.04	0.035	0.09	9.3	10.6	4.14	493	1.41	0.01
ZZ86165		1.04	48.5	3.56	4.36	<0.05	0.11	0.11	0.032	0.15	12.8	21.4	0.87	596	1.70	0.01
ZZ86166		0.97	43.2	3.35	4.25	<0.05	0.10	0.10	0.033	0.13	10.9	19.9	0.79	554	1.58	0.01
ZZ86167		1.02	42.5	2.97	3.87	<0.05	0.09	0.11	0.031	0.12	11.1	18.5	1.21	390	1.54	0.01
ZZ86168		1.33	28.5	2.40	3.17	<0.05	0.04	0.07	0.028	0.08	8.7	11.4	2.21	712	1.59	0.02
ZZ86169		2.27	28.9	2.88	4.60	0.05	0.02	0.09	0.032	0.08	9.7	13.9	3.42	481	1.69	0.03
ZZ86170		0.66	19.7	1.99	2.70	<0.05	0.02	0.08	0.027	0.03	8.0	8.0	0.72	673	1.33	0.01
ZZ86171		1.78	27.5	2.59	3.68	<0.05	0.03	0.07	0.032	0.06	10.3	11.4	3.47	658	1.72	0.03
ZZ86172		2.37	42.0	4.00	6.25	0.07	0.04	0.08	0.046	0.10	17.2	21.9	1.58	1150	2.80	0.04
ZZ86173		1.64	17.5	2.81	4.95	<0.05	0.04	0.04	0.029	0.06	10.9	16.3	0.83	453	1.99	0.01
ZZ86174		0.94	32.4	3.15	4.12	0.05	0.06	0.07	0.036	0.05	16.3	14.5	1.10	602	1.78	0.01
ZZ86175		0.89	53.9	3.27	3.98	0.05	0.07	0.09	0.036	0.11	13.8	15.5	0.94	504	3.23	0.01
ZZ86176		0.93	44.7	3.13	4.02	0.05	0.06	0.07	0.039	0.09	15.9	13.8	0.62	664	3.57	0.01
ZZ86177		1.63	60.4	3.29	3.72	<0.05	0.08	0.07	0.033	0.14	12.3	12.0	1.73	588	4.54	0.02
ZZ86178		1.06	49.4	3.56	4.87	0.05	0.04	0.06	0.037	0.09	18.1	14.6	0.63	678	3.45	0.01
ZZ86179		1.36	43.1	3.55	4.99	0.05	0.04	0.07	0.041	0.08	17.2	15.5	0.96	362	3.90	0.01
ZZ86180		1.58	17.7	3.03	4.53	<0.05	0.04	0.04	0.033	0.06	15.0	16.5	3.47	504	1.47	0.01
ZZ86181		2.18	26.5	4.23	6.47	0.06	0.04	0.05	0.045	0.08	23.0	18.1	1.97	858	2.23	0.01
ZZ86182		1.67	18.8	3.34	4.88	0.06	0.03	0.05	0.038	0.05	15.3	16.0	0.96	313	1.74	0.01
ZZ86183		0.99	28.3	4.49	6.87	0.09	<0.02	0.04	0.038	0.03	5.4	15.2	2.16	570	3.80	0.01
ZZ86184		1.50	19.0	2.60	3.02	<0.05	0.02	0.04	0.029	0.06	7.8	10.1	4.59	526	1.42	0.01
ZZ86185		1.58	29.1	2.79	3.58	<0.05	0.04	0.08	0.031	0.09	10.9	12.0	0.98	1160	4.00	0.01
ZZ86186		1.69	31.8	2.46	3.33	<0.05	0.05	0.08	0.030	0.09	9.4	10.8	0.88	402	2.30	0.01
ZZ86187		1.59	25.2	2.55	3.22	0.05	0.04	0.07	0.027	0.07	11.0	10.6	2.02	809	2.31	0.01
ZZ86188		2.62	26.4	3.63	5.64	<0.05	0.04	0.07	0.038	0.08	12.6	18.5	1.90	485	1.90	0.02
ZZ86189		1.43	12.5	2.78	6.01	<0.05	0.02	0.02	0.028	0.03	9.9	17.7	0.58	177	1.56	<0.01
ZZ86190		1.23	34.8	2.77	3.98	<0.05	0.05	0.09	0.032	0.07	11.5	15.0	1.88	428	2.27	0.01
ZZ86191		0.97	21.3	2.94	5.89	<0.05	0.03	0.03	0.028	0.05	13.9	14.4	0.37	293	2.89	<0.01
ZZ86192		1.02	44.6	3.46	4.76	0.05	0.05	0.07	0.033	0.09	14.9	13.9	0.75	422	4.05	0.01
ZZ86193		0.37	26.1	1.20	1.26	<0.05	0.03	0.08	0.012	0.03	3.4	3.9	0.53	930	1.29	0.01
ZZ86194		1.05	47.0	3.34	4.28	<0.05	0.06	0.07	0.036	0.10	13.7	14.5	0.83	555	3.56	0.01
ZZ86195		1.33	39.9	3.07	3.69	0.05	0.06	0.08	0.032	0.10	12.3	13.6	1.66	533	2.87	0.01
ZZ86196		1.51	33.5	3.34	3.94	<0.05	0.05	0.08	0.033	0.10	11.3	12.4	0.80	486	4.38	0.01
ZZ86197		1.47	43.9	2.80	3.93	<0.05	0.06	0.06	0.036	0.09	10.5	13.3	0.81	495	2.95	0.01
ZZ86198		1.15	25.2	2.13	2.85	<0.05	0.03	0.06	0.023	0.07	7.1	9.5	0.72	675	1.91	0.01
ZZ86199		1.72	30.6	3.04	4.36	<0.05	0.03	0.07	0.038	0.08	10.7	14.6	0.94	658	2.94	0.01
ZZ86200		2.32	41.4	3.43	4.94	0.05	0.04	0.07	0.037	0.13	11.8	15.2	2.19	518	3.29	0.02
ZZ86201		1.22	46.9	2.67	3.13	0.05	0.06	0.06	0.030	0.11	10.0	10.2	1.35	419	3.76	0.01

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VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86162		1.26	42.7	1090	20.2	8.4	0.001	0.02	1.64	3.7	1.3	0.8	24.5	<0.01	0.03	2.8
ZZ86163		1.29	39.8	1160	15.8	7.7	0.001	0.03	1.90	3.0	1.9	0.6	29.4	<0.01	0.03	2.5
ZZ86164		1.16	37.7	990	33.7	15.1	0.001	0.05	0.95	2.5	0.8	0.6	70.0	<0.01	0.01	1.1
ZZ86165		0.70	38.9	770	21.4	9.9	0.001	0.03	1.22	4.2	0.8	0.5	29.9	<0.01	0.03	3.3
ZZ86166		0.73	37.2	750	21.5	9.5	0.001	0.04	1.14	3.8	0.8	0.5	32.4	<0.01	0.03	2.8
ZZ86167		0.83	34.1	780	20.5	9.0	0.001	0.04	1.22	3.6	1.3	0.5	47.0	<0.01	0.03	2.6
ZZ86168		1.19	27.8	1070	19.1	8.9	0.002	0.07	1.27	2.4	1.8	0.6	66.0	<0.01	0.03	1.0
ZZ86169		1.92	31.5	1290	24.0	12.4	0.001	0.03	1.02	3.7	0.9	0.7	94.5	<0.01	0.03	1.4
ZZ86170		1.00	19.0	1050	15.6	5.1	0.001	0.10	1.00	1.4	1.6	0.5	56.9	<0.01	0.01	0.3
ZZ86171		1.58	29.0	1250	19.9	9.9	0.001	0.05	1.10	3.1	1.2	0.7	52.4	<0.01	0.02	1.2
ZZ86172		2.80	51.0	1910	21.8	11.7	0.001	0.03	1.18	7.1	1.2	0.8	32.0	0.01	0.02	3.3
ZZ86173		1.77	29.6	940	13.9	12.0	0.001	0.03	0.77	3.5	1.1	0.6	22.7	<0.01	0.01	2.4
ZZ86174		1.42	35.5	1230	27.2	7.6	0.001	0.04	1.10	3.7	1.4	0.7	29.1	<0.01	0.03	2.8
ZZ86175		1.08	45.8	960	21.5	10.1	0.002	0.06	2.07	3.3	1.9	0.6	31.1	<0.01	0.06	1.8
ZZ86176		1.12	45.1	1050	21.9	10.0	0.001	0.03	1.54	3.5	1.4	0.6	30.0	<0.01	0.04	2.3
ZZ86177		1.34	56.6	1240	18.4	14.2	0.001	0.04	2.13	3.4	1.2	0.7	47.3	<0.01	0.05	2.4
ZZ86178		1.16	47.0	700	20.7	11.2	0.001	0.02	1.42	4.3	1.4	0.8	19.4	<0.01	0.01	2.8
ZZ86179		1.41	54.7	570	18.7	12.3	0.001	0.02	1.33	4.3	1.4	0.8	14.6	<0.01	0.05	3.0
ZZ86180		1.55	30.8	730	24.1	13.4	0.001	0.02	0.78	4.2	0.8	0.6	28.4	<0.01	0.02	2.4
ZZ86181		2.41	50.7	660	32.9	11.8	0.001	0.02	0.96	8.0	1.2	0.9	17.1	<0.01	0.02	3.7
ZZ86182		1.61	37.8	800	33.5	9.4	0.001	0.03	0.91	3.9	0.7	0.7	19.1	<0.01	0.05	1.7
ZZ86183		2.88	128.0	680	11.4	4.3	<0.001	0.03	0.77	8.2	0.6	0.9	17.9	<0.01	0.02	0.8
ZZ86184		1.25	32.6	870	28.7	9.0	0.001	0.04	0.91	2.2	0.8	0.9	79.8	<0.01	0.02	1.1
ZZ86185		1.19	40.6	1060	19.7	11.5	0.007	0.12	1.19	2.3	1.9	0.6	46.8	<0.01	0.05	1.4
ZZ86186		1.24	38.9	970	19.3	11.4	0.005	0.15	1.37	2.3	1.5	0.7	49.5	<0.01	0.06	1.3
ZZ86187		1.22	36.8	1030	20.6	10.2	0.004	0.09	1.15	2.1	1.5	0.6	42.4	<0.01	0.03	1.4
ZZ86188		2.12	40.1	910	30.0	14.3	0.001	0.04	0.91	4.2	0.9	0.8	37.7	<0.01	0.05	1.9
ZZ86189		1.67	27.1	290	17.7	8.8	0.001	0.01	0.54	2.4	<0.2	0.8	9.8	<0.01	0.03	2.2
ZZ86190		1.40	35.9	1130	20.2	9.8	0.001	0.06	1.44	3.1	2.5	0.5	44.4	<0.01	0.04	1.5
ZZ86191		1.39	27.1	390	15.4	10.0	0.001	0.01	0.66	2.8	0.9	0.8	10.4	<0.01	0.05	3.1
ZZ86192		1.02	52.0	710	17.5	10.3	0.001	0.02	1.35	4.1	1.5	0.7	16.0	<0.01	0.07	3.3
ZZ86193		0.50	22.6	800	6.3	3.5	0.003	0.16	1.02	0.6	3.0	0.2	67.6	<0.01	0.02	0.2
ZZ86194		1.14	47.8	1110	19.5	10.6	0.001	0.04	1.61	3.5	1.5	0.6	29.0	<0.01	0.04	1.9
ZZ86195		1.25	39.9	1050	22.4	10.6	0.001	0.03	1.48	3.3	1.2	0.6	38.5	<0.01	0.04	2.4
ZZ86196		1.36	37.8	1180	21.3	10.9	0.005	0.11	1.72	2.8	1.6	0.9	40.2	<0.01	0.03	1.5
ZZ86197		1.41	50.0	880	21.2	10.4	0.003	0.13	1.53	2.6	1.2	0.8	51.1	<0.01	0.05	1.2
ZZ86198		1.02	30.7	900	15.2	10.5	0.004	0.15	1.02	1.7	1.1	0.6	50.3	<0.01	0.04	0.7
ZZ86199		1.55	38.1	860	24.0	11.8	0.001	0.09	1.15	2.3	1.3	0.8	38.0	<0.01	0.04	0.7
ZZ86200		1.90	49.5	1190	25.5	16.3	0.001	0.04	1.57	4.0	1.3	0.7	50.3	<0.01	0.06	2.0
ZZ86201		1.07	47.9	1280	16.0	10.9	0.002	0.07	2.09	2.3	2.6	0.5	52.9	<0.01	0.06	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ86162		0.024	0.15	1.04	46	0.18	11.00	128	1.8
ZZ86163		0.025	0.15	1.73	42	0.19	8.70	118	2.3
ZZ86164		0.052	0.19	0.96	34	3.18	6.64	415	0.9
ZZ86165		0.013	0.14	0.78	43	0.24	8.87	160	4.1
ZZ86166		0.011	0.12	0.90	39	0.35	8.30	142	3.7
ZZ86167		0.014	0.11	1.16	37	1.55	8.16	144	3.2
ZZ86168		0.030	0.15	1.06	37	3.56	7.57	141	1.5
ZZ86169		0.065	0.18	0.82	55	2.77	9.85	155	1.1
ZZ86170		0.023	0.07	1.16	33	6.94	6.82	81	0.8
ZZ86171		0.046	0.18	1.03	45	0.94	10.25	143	1.2
ZZ86172		0.086	0.27	1.10	88	0.38	20.0	199	1.8
ZZ86173		0.046	0.14	0.84	63	0.33	5.65	143	1.5
ZZ86174		0.037	0.13	0.85	48	2.08	11.80	172	1.9
ZZ86175		0.022	0.13	1.16	50	0.53	10.40	152	2.7
ZZ86176		0.030	0.14	1.29	48	0.67	10.65	152	2.3
ZZ86177		0.038	0.26	1.43	53	0.53	9.67	190	3.2
ZZ86178		0.030	0.14	1.10	60	0.54	11.70	149	1.7
ZZ86179		0.031	0.21	1.11	62	0.30	10.35	144	1.5
ZZ86180		0.042	0.17	0.69	48	4.72	12.15	160	1.1
ZZ86181		0.076	0.20	1.00	69	3.71	18.15	174	1.4
ZZ86182		0.045	0.19	0.91	53	4.08	11.65	176	1.0
ZZ86183		0.071	0.14	0.54	89	0.77	7.70	98	0.5
ZZ86184		0.049	0.17	1.05	30	4.01	5.79	337	0.8
ZZ86185		0.034	0.29	5.52	49	1.32	6.68	321	1.5
ZZ86186		0.032	0.30	7.46	48	1.20	6.66	338	2.2
ZZ86187		0.037	0.25	2.78	41	1.85	6.45	350	1.2
ZZ86188		0.052	0.26	0.88	59	0.79	10.75	169	1.1
ZZ86189		0.038	0.18	0.46	59	1.32	3.23	89	0.7
ZZ86190		0.037	0.16	1.03	44	1.11	8.82	158	1.6
ZZ86191		0.024	0.17	0.64	61	0.29	4.30	82	1.1
ZZ86192		0.023	0.20	1.02	58	0.37	9.42	135	1.9
ZZ86193		0.009	0.07	4.50	17	0.12	3.63	66	1.1
ZZ86194		0.028	0.17	1.24	52	0.51	10.35	147	2.2
ZZ86195		0.032	0.21	0.82	44	1.44	8.40	158	2.4
ZZ86196		0.035	0.27	6.38	57	1.11	7.68	241	2.0
ZZ86197		0.032	0.31	10.50	49	1.87	7.68	247	2.3
ZZ86198		0.025	0.22	8.85	38	1.31	4.94	184	1.3
ZZ86199		0.032	0.22	6.88	53	1.05	8.05	190	1.1
ZZ86200		0.054	0.28	0.91	58	1.42	10.35	186	1.9
ZZ86201		0.027	0.22	1.93	44	1.48	7.81	185	2.4

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ86202		0.44	0.006	0.47	2.25	35.9	<0.2	<10	1020	0.88	2.90	1.65	1.96	20.4	17.4	49
ZZ86203		0.36	0.017	0.53	1.33	37.8	<0.2	<10	540	0.58	1.60	3.84	2.56	24.2	12.2	33
ZZ86204		0.42	0.020	0.34	1.77	30.8	<0.2	<10	810	0.69	0.67	0.84	0.57	26.0	12.7	31
ZZ86205		0.24	0.009	0.34	1.07	44.0	<0.2	<10	520	0.43	1.55	3.60	1.41	17.35	9.2	25
ZZ86206		0.42	0.006	0.31	1.86	37.8	<0.2	<10	420	0.71	1.31	1.83	0.64	27.9	13.4	41
ZZ86207		0.43	0.013	0.36	1.36	73.7	<0.2	<10	450	0.52	2.43	3.69	1.20	24.1	12.3	31
ZZ86208		0.36	0.029	0.30	1.17	78.0	<0.2	<10	380	0.41	2.87	3.84	1.28	24.0	11.7	26
ZZ86209		0.39	0.004	0.33	1.59	36.2	<0.2	<10	350	0.55	1.00	4.50	0.92	19.20	11.0	38
ZZ86210		0.40	0.142	0.13	2.11	65.4	<0.2	<10	210	0.87	3.27	0.30	0.70	35.1	15.5	46
ZZ86211		0.24	0.007	0.27	1.29	59.8	<0.2	<10	690	0.60	2.86	2.08	0.72	22.0	10.8	29
ZZ86212		0.39	0.009	0.29	1.23	37.6	<0.2	<10	500	0.55	1.38	3.81	0.82	22.5	12.0	25
ZZ86213		0.33	0.011	0.28	1.26	32.4	<0.2	<10	570	0.61	1.15	3.51	0.92	19.05	10.5	26
ZZ86214		0.27	0.003	0.30	1.52	23.3	<0.2	<10	510	0.75	0.60	1.69	0.70	21.9	12.7	27
ZZ86215		0.41	0.006	0.29	1.50	29.6	<0.2	<10	400	0.77	0.98	1.43	0.65	24.0	13.1	28
ZZ86216		0.27	0.059	0.22	1.15	178.5	<0.2	<10	500	0.36	4.43	8.11	1.71	19.75	12.6	34

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86202		2.67	43.0	3.49	6.69	0.05	0.04	0.08	0.039	0.09	11.3	18.9	1.39	323	3.76	0.05
ZZ86203		2.79	56.4	3.22	4.12	0.05	0.11	0.09	0.041	0.19	13.4	14.2	2.04	417	7.06	0.01
ZZ86204		0.97	33.6	3.23	5.25	<0.05	0.05	0.03	0.036	0.08	13.6	17.6	0.60	581	3.22	0.01
ZZ86205		0.97	25.9	2.55	3.19	<0.05	0.04	0.06	0.031	0.06	9.2	10.8	1.55	432	2.57	0.02
ZZ86206		1.76	23.9	3.37	5.74	<0.05	0.03	0.05	0.038	0.05	14.6	18.5	1.38	356	1.69	0.02
ZZ86207		1.35	28.9	3.08	4.04	0.05	0.05	0.04	0.037	0.06	12.9	13.8	2.39	491	2.20	0.02
ZZ86208		1.16	29.2	2.75	3.49	<0.05	0.06	0.06	0.032	0.06	12.4	12.1	2.25	260	1.86	0.01
ZZ86209		2.21	26.0	3.00	4.60	0.06	0.03	0.04	0.034	0.08	10.6	15.0	3.22	787	2.12	0.03
ZZ86210		1.47	25.6	4.48	5.48	0.06	0.07	0.03	0.052	0.04	17.6	17.0	0.82	649	3.10	0.01
ZZ86211		0.90	21.7	3.02	3.62	<0.05	0.03	0.03	0.037	0.04	13.9	13.9	1.13	344	2.24	0.01
ZZ86212		1.45	36.2	2.95	3.56	0.05	0.06	0.06	0.025	0.11	11.8	15.6	2.02	606	2.04	0.01
ZZ86213		1.14	38.0	2.86	3.63	<0.05	0.06	0.08	0.026	0.09	10.0	15.7	1.71	447	1.81	0.01
ZZ86214		1.04	43.5	3.45	4.18	0.05	0.10	0.09	0.029	0.14	10.9	20.5	0.90	542	1.71	0.01
ZZ86215		1.12	42.4	3.38	4.33	<0.05	0.08	0.08	0.032	0.13	11.8	19.6	1.03	543	1.70	0.01
ZZ86216		1.76	19.5	2.86	3.58	<0.05	0.03	0.05	0.030	0.08	10.1	11.4	4.02	544	1.63	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86202		1.66	75.3	870	27.7	12.1	0.001	0.04	1.77	4.9	1.8	0.8	34.9	<0.01	0.06	1.9
ZZ86203		1.60	65.6	1220	22.7	19.9	0.001	0.03	3.28	3.6	2.2	1.0	56.2	<0.01	0.08	3.5
ZZ86204		1.23	37.2	500	17.8	10.2	<0.001	0.03	1.12	3.7	1.0	0.7	20.3	<0.01	0.06	2.3
ZZ86205		1.50	32.8	1230	18.2	6.5	<0.001	0.08	1.27	2.4	1.4	0.5	42.3	<0.01	0.05	1.1
ZZ86206		1.91	34.1	810	26.7	11.9	<0.001	0.03	0.90	4.3	0.7	0.7	23.5	<0.01	0.04	1.9
ZZ86207		1.71	36.7	1190	23.8	8.7	0.001	0.03	1.17	3.6	1.0	0.7	37.4	<0.01	0.04	2.7
ZZ86208		1.57	36.2	1080	26.0	9.1	0.003	0.02	1.34	3.3	1.1	0.6	39.0	<0.01	0.05	2.8
ZZ86209		1.93	34.1	1500	19.9	11.2	0.001	0.02	1.00	4.2	0.9	0.6	44.6	<0.01	0.03	1.9
ZZ86210		2.67	45.1	1050	32.6	7.4	0.001	0.01	1.27	6.5	1.3	3.7	11.2	0.01	0.05	5.3
ZZ86211		1.45	34.6	960	24.6	8.8	0.001	0.04	1.39	3.1	1.3	0.5	30.3	<0.01	0.04	1.2
ZZ86212		1.18	35.3	970	20.7	11.3	0.001	0.02	1.22	3.5	1.2	0.5	46.5	<0.01	0.04	2.9
ZZ86213		1.13	33.0	990	19.7	8.5	0.003	0.05	1.35	2.9	1.2	0.5	43.2	<0.01	0.04	1.6
ZZ86214		0.84	38.4	770	21.0	9.6	0.002	0.04	1.21	3.7	1.2	0.5	34.6	<0.01	0.06	2.7
ZZ86215		0.92	38.8	780	21.0	9.8	0.001	0.03	1.17	3.9	1.3	0.5	25.8	<0.01	0.05	3.0
ZZ86216		1.45	40.3	970	30.4	11.0	0.002	0.04	0.96	2.7	0.6	0.6	66.0	<0.01	0.04	1.4

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Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86202		0.055	0.39	1.21	84	0.50	10.85	228	1.7
ZZ86203		0.042	0.39	1.17	64	1.03	10.35	265	4.9
ZZ86204		0.024	0.18	1.08	62	0.70	7.10	123	1.7
ZZ86205		0.032	0.15	6.03	41	1.99	7.31	150	1.7
ZZ86206		0.045	0.21	0.80	60	7.71	11.10	180	1.2
ZZ86207		0.047	0.20	1.07	49	1.66	9.58	185	1.8
ZZ86208		0.045	0.19	0.69	43	2.84	9.24	184	2.6
ZZ86209		0.057	0.24	0.83	57	1.80	11.05	147	1.2
ZZ86210		0.061	0.22	1.26	76	6.54	14.90	166	3.1
ZZ86211		0.031	0.15	0.87	45	3.63	13.45	136	1.0
ZZ86212		0.030	0.22	0.70	39	0.77	8.38	138	2.6
ZZ86213		0.022	0.17	1.06	39	0.69	8.21	141	2.0
ZZ86214		0.013	0.17	1.15	41	0.39	8.12	143	3.5
ZZ86215		0.017	0.19	0.71	42	0.41	8.36	142	3.0
ZZ86216		0.055	0.22	0.74	35	8.11	6.85	330	1.0

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Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)

Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 23-AUG-2013
Account: RCM

CERTIFICATE WH13141815

Project: RAV

P.O. No.: SO13-R1

This report is for 146 Soil samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86258		0.36	0.044	0.27	1.07	226	<0.2	<10	410	0.36	5.30	9.66	1.43	19.05	12.3	33
ZZ86259		0.28	0.123	0.16	1.25	238	<0.2	<10	380	0.41	5.78	6.07	1.64	21.1	13.4	37
ZZ86260		0.23	0.095	0.22	1.08	227	<0.2	<10	340	0.34	5.49	9.56	1.30	18.30	11.7	36
ZZ86261		0.24	0.033	0.25	1.09	125.0	<0.2	<10	1020	0.39	2.86	4.80	1.06	17.30	10.4	30
ZZ86262		0.31	0.011	0.17	0.79	55.1	<0.2	<10	610	0.33	1.46	3.62	1.00	18.10	9.7	18
ZZ86263		0.39	0.013	0.27	0.98	30.1	<0.2	<10	390	0.42	1.61	3.25	1.23	20.8	7.0	23
ZZ86264		0.39	0.007	0.36	1.14	38.3	<0.2	<10	510	0.52	2.35	5.04	1.74	20.3	10.5	28
ZZ86265		0.22	0.010	0.23	0.98	36.9	<0.2	<10	520	0.40	1.83	4.19	1.43	18.60	9.7	23
ZZ86266		0.28	0.005	0.23	2.00	36.0	<0.2	<10	580	0.87	1.75	1.17	0.67	26.6	11.2	34
ZZ86267		0.37	0.020	0.21	1.45	56.2	<0.2	<10	250	0.49	2.74	5.57	0.60	23.0	11.4	31
ZZ86268		0.34	0.006	0.29	2.04	51.8	<0.2	<10	240	0.74	2.57	3.04	0.67	25.9	12.2	46
ZZ86269		0.43	0.008	0.31	2.06	41.1	<0.2	<10	170	0.71	2.39	4.49	0.58	20.3	12.2	64
ZZ86270		0.49	0.048	0.39	1.22	79.7	<0.2	<10	570	0.53	2.70	6.48	1.47	24.9	12.9	29
ZZ86271		0.24	0.018	0.41	1.07	27.5	<0.2	<10	580	0.45	1.24	2.52	2.23	18.70	9.3	25
ZZ86272		0.58	0.054	0.19	1.07	105	<0.2	<10	1370	0.28	3.15	13.45	0.91	18.20	12.1	27
ZZ86273		0.25	0.006	0.29	1.06	27.0	<0.2	<10	470	0.41	1.64	2.36	1.84	18.20	9.5	25
ZZ86274		0.25	0.008	0.35	1.24	39.2	<0.2	<10	530	0.49	1.58	2.48	1.74	20.7	12.1	29
ZZ86275		0.21	0.013	0.20	1.03	26.8	<0.2	<10	670	0.35	1.03	1.89	1.14	25.5	10.2	24
ZZ86276		0.29	0.009	0.28	1.17	27.9	<0.2	<10	520	0.43	1.44	1.94	1.48	21.3	9.9	27
ZZ86277		0.27	0.005	0.29	1.21	33.1	<0.2	<10	520	0.42	1.31	2.34	1.30	21.9	12.2	28
ZZ86278		0.29	0.009	0.28	1.23	22.2	<0.2	<10	450	0.46	1.24	2.14	1.10	22.1	9.7	28
ZZ86279		0.26	0.004	0.34	0.94	57.3	<0.2	<10	960	0.40	1.25	2.41	3.14	15.00	17.5	21
ZZ86280		0.27	0.006	0.35	1.24	50.8	<0.2	<10	620	0.55	1.76	2.35	2.59	21.6	12.2	28
ZZ86501		0.58	0.007	0.45	1.46	29.6	<0.2	<10	390	0.63	1.40	3.19	1.50	25.8	11.5	32
ZZ86502		0.31	0.010	0.42	1.44	28.2	<0.2	<10	420	0.65	1.49	2.85	1.34	22.8	11.1	32
ZZ86503		0.26	0.008	0.40	1.41	29.9	<0.2	<10	370	0.57	1.87	2.72	1.52	23.3	10.8	33
ZZ86504		0.20	0.008	0.39	1.45	30.0	<0.2	<10	380	0.62	1.80	2.75	1.30	22.1	11.9	34
ZZ86505		0.28	0.006	0.43	1.36	33.9	<0.2	<10	400	0.65	1.76	2.61	1.31	24.6	12.0	32
ZZ86506		0.20	0.008	0.39	1.24	28.2	<0.2	<10	360	0.54	1.43	2.69	1.35	20.8	9.4	28
ZZ86507		0.18	0.006	0.35	1.38	28.1	<0.2	<10	500	0.67	1.41	2.14	1.45	22.2	10.3	32
ZZ86508		0.42	0.019	0.44	1.35	32.0	<0.2	<10	390	0.65	1.51	2.02	1.07	24.2	10.1	31
ZZ86509		0.28	0.005	0.41	1.10	22.1	<0.2	<10	510	0.56	1.19	3.14	1.59	17.90	7.7	26
ZZ86510		0.36	0.010	0.50	1.60	42.3	<0.2	<10	510	0.75	1.14	1.18	1.84	30.6	15.2	37
ZZ86511		0.57	0.013	0.96	1.36	71.5	<0.2	<10	640	0.64	0.98	3.93	4.08	31.8	18.5	48
ZZ86512		0.21	0.031	0.58	1.49	64.6	<0.2	<10	450	0.70	0.99	2.37	1.63	29.5	19.5	44
ZZ86513		0.57	0.014	0.48	1.43	56.3	<0.2	<10	560	0.58	1.00	4.94	2.19	29.7	19.4	50
ZZ86514		0.23	0.011	0.43	1.08	59.6	<0.2	<10	410	0.50	1.18	2.56	1.96	24.0	11.8	24
ZZ86515		0.23	0.013	0.41	1.20	40.4	<0.2	<10	370	0.58	1.61	2.64	1.57	23.6	11.0	30
ZZ86516		0.20	0.010	0.41	1.27	36.7	<0.2	<10	390	0.58	1.46	2.37	1.88	23.0	11.9	30
ZZ86517		0.30	0.012	0.41	1.21	47.3	<0.2	<10	350	0.53	1.58	2.59	1.50	25.4	14.7	31

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Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86258		2.10	28.4	2.77	3.64	0.10	0.03	0.04	0.036	0.07	9.9	11.5	3.64	589	1.58	0.01
ZZ86259		1.47	20.3	3.21	3.66	0.05	0.03	0.03	0.033	0.07	11.1	11.9	3.36	661	1.63	0.02
ZZ86260		1.90	23.6	2.75	3.24	<0.05	0.03	0.03	0.032	0.07	8.9	10.6	3.67	586	1.39	0.02
ZZ86261		1.36	22.9	2.64	3.16	<0.05	0.03	0.05	0.031	0.06	8.5	10.8	2.03	594	1.53	0.02
ZZ86262		0.81	21.2	2.32	2.28	0.05	0.04	0.04	0.018	0.06	9.5	9.0	1.74	1820	1.86	0.02
ZZ86263		1.04	35.8	2.07	2.83	0.05	0.03	0.07	0.026	0.06	11.2	11.3	1.47	223	1.06	0.02
ZZ86264		1.41	32.9	2.51	3.38	<0.05	0.03	0.07	0.035	0.05	10.9	13.7	2.69	473	1.63	0.03
ZZ86265		0.76	24.6	2.39	2.71	<0.05	0.03	0.07	0.027	0.05	9.8	10.5	1.74	753	1.40	0.02
ZZ86266		1.52	22.5	3.18	5.57	<0.05	0.02	0.07	0.040	0.04	14.9	13.6	0.62	564	1.51	0.02
ZZ86267		1.53	26.8	2.70	4.07	0.05	0.04	0.05	0.033	0.06	11.9	13.3	2.45	478	1.75	0.03
ZZ86268		2.08	21.6	3.67	5.58	0.05	0.03	0.05	0.043	0.06	16.4	17.6	2.25	440	1.85	0.03
ZZ86269		5.16	14.5	3.12	5.62	0.05	0.02	0.03	0.039	0.10	12.5	16.8	3.12	431	1.33	0.03
ZZ86270		1.46	44.8	3.16	3.40	<0.05	0.06	0.05	0.037	0.13	13.4	13.1	2.98	568	3.90	0.02
ZZ86271		1.29	44.5	2.45	2.88	<0.05	0.05	0.10	0.033	0.11	9.9	10.4	0.76	524	3.81	0.02
ZZ86272		1.29	16.0	2.73	3.24	0.05	0.03	0.02	0.029	0.07	9.5	10.9	4.18	419	1.56	0.02
ZZ86273		1.44	31.9	1.79	3.02	<0.05	0.04	0.07	0.028	0.09	9.6	10.3	0.98	146	2.46	0.02
ZZ86274		1.94	34.1	2.75	3.65	0.05	0.03	0.07	0.034	0.11	10.8	12.4	1.06	657	2.41	0.03
ZZ86275		1.44	21.9	2.28	3.12	0.05	0.03	0.04	0.024	0.08	13.5	10.9	1.07	386	1.84	0.02
ZZ86276		1.60	25.9	2.59	3.31	<0.05	0.04	0.05	0.028	0.09	11.3	11.4	1.06	356	1.72	0.02
ZZ86277		1.54	26.5	2.75	3.44	0.05	0.03	0.06	0.030	0.09	11.6	12.0	1.17	781	2.48	0.02
ZZ86278		1.40	29.1	2.48	3.53	0.05	0.04	0.05	0.029	0.09	12.1	12.6	1.07	296	1.41	0.02
ZZ86279		1.79	27.8	3.08	2.63	<0.05	0.03	0.07	0.023	0.07	7.0	8.7	0.64	7330	12.15	0.02
ZZ86280		2.27	36.7	2.90	3.64	0.06	0.04	0.08	0.036	0.11	11.6	12.2	1.12	439	3.02	0.02
ZZ86501		1.68	46.7	2.94	4.25	0.05	0.05	0.07	0.045	0.18	13.9	15.3	1.64	517	3.93	0.03
ZZ86502		1.58	46.9	2.93	3.88	0.05	0.05	0.07	0.038	0.16	12.5	13.9	1.54	476	3.97	0.03
ZZ86503		1.76	40.7	2.89	3.92	<0.05	0.05	0.06	0.036	0.14	12.5	14.3	1.61	602	3.73	0.03
ZZ86504		1.89	43.0	2.96	4.06	0.05	0.05	0.07	0.036	0.14	12.0	14.5	1.60	768	4.30	0.03
ZZ86505		1.87	35.5	2.71	4.33	0.05	0.05	0.07	0.043	0.11	13.3	14.4	1.62	826	4.06	0.02
ZZ86506		1.52	35.5	2.58	3.66	0.06	0.05	0.07	0.040	0.11	11.1	12.1	1.52	386	2.85	0.02
ZZ86507		1.52	36.4	2.61	4.02	0.05	0.06	0.07	0.043	0.12	11.8	13.5	0.90	544	2.29	0.02
ZZ86508		1.58	39.3	2.91	4.01	0.05	0.06	0.08	0.040	0.11	13.2	13.7	1.34	321	3.72	0.02
ZZ86509		1.20	55.5	2.22	3.16	0.05	0.05	0.06	0.033	0.08	9.8	9.8	1.31	730	2.81	0.02
ZZ86510		1.52	59.9	3.39	4.87	0.06	0.09	0.08	0.044	0.13	16.6	15.3	0.99	557	4.62	0.01
ZZ86511		1.96	94.2	3.76	4.04	0.07	0.29	0.11	0.041	0.30	17.9	11.3	1.58	550	11.05	0.01
ZZ86512		1.86	81.4	3.85	4.68	0.07	0.14	0.06	0.042	0.26	16.3	12.4	1.41	602	6.02	0.01
ZZ86513		1.96	83.5	3.83	4.42	0.07	0.14	0.06	0.041	0.26	16.2	12.2	1.88	627	7.48	0.01
ZZ86514		1.35	47.5	2.85	3.28	0.06	0.07	0.05	0.031	0.15	13.0	9.6	1.25	394	4.29	0.01
ZZ86515		1.59	47.9	2.76	3.66	0.05	0.06	0.07	0.033	0.14	12.7	11.3	1.50	551	3.87	0.02
ZZ86516		1.64	44.9	2.82	3.82	0.05	0.07	0.07	0.038	0.13	12.4	12.5	1.39	574	3.77	0.02
ZZ86517		1.63	47.3	2.98	3.79	0.07	0.07	0.07	0.037	0.15	13.7	12.0	1.63	548	4.42	0.02

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VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86258		1.04	40.8	860	34.5	11.8	0.001	0.04	1.07	3.3	0.8	0.7	100.5	<0.01	0.03	1.5
ZZ86259		1.34	40.7	1080	32.3	9.2	0.001	0.06	1.14	2.9	0.8	0.7	55.9	<0.01	0.03	1.4
ZZ86260		1.06	39.5	820	37.8	9.8	<0.001	0.06	1.19	2.8	1.0	0.7	86.3	<0.01	0.04	1.2
ZZ86261		1.11	32.1	1070	26.0	10.6	0.002	0.12	1.05	2.1	1.4	0.9	57.8	<0.01	0.02	0.7
ZZ86262		0.82	30.3	1000	14.4	7.1	0.002	0.08	0.94	2.1	0.9	0.4	42.6	<0.01	0.02	1.3
ZZ86263		0.97	27.9	1020	18.4	8.0	0.001	0.06	1.19	2.4	1.7	0.4	42.5	<0.01	0.03	1.1
ZZ86264		1.38	36.0	1200	26.0	8.1	0.001	0.07	1.48	3.0	2.6	0.6	52.0	<0.01	0.08	1.2
ZZ86265		1.07	26.5	1160	20.0	6.1	0.001	0.09	1.07	2.2	2.0	0.5	50.6	<0.01	0.04	1.0
ZZ86266		1.45	27.7	690	27.4	9.6	<0.001	0.04	0.73	3.5	1.4	0.8	26.2	<0.01	0.05	1.1
ZZ86267		1.66	33.0	1070	25.6	8.6	<0.001	0.02	1.01	3.4	0.9	0.7	70.9	<0.01	0.03	2.2
ZZ86268		2.09	39.3	850	31.7	9.1	<0.001	0.03	0.95	5.5	1.0	0.7	36.5	<0.01	0.05	2.1
ZZ86269		1.66	47.2	930	18.8	18.7	<0.001	0.02	0.76	5.6	0.6	1.4	46.6	<0.01	0.04	1.9
ZZ86270		0.81	50.9	1080	30.3	12.0	<0.001	0.01	1.82	3.4	1.1	0.9	65.4	<0.01	0.07	3.2
ZZ86271		0.90	48.2	1060	16.2	10.4	0.001	0.07	2.16	2.1	2.2	0.7	47.5	<0.01	0.07	1.2
ZZ86272		1.14	39.6	1110	22.5	7.4	0.001	0.03	0.74	2.5	0.5	0.5	155.5	<0.01	0.02	1.8
ZZ86273		1.07	36.0	970	23.0	11.6	0.012	0.32	1.12	2.2	2.1	0.6	48.4	<0.01	0.02	1.3
ZZ86274		1.17	41.9	1060	23.1	19.2	0.006	0.15	1.31	2.5	1.6	0.8	50.5	<0.01	0.04	1.3
ZZ86275		1.08	34.2	1120	14.9	10.4	0.003	0.06	0.99	2.2	1.1	0.6	36.6	<0.01	0.03	2.0
ZZ86276		1.08	35.3	1040	21.0	11.4	0.003	0.09	1.05	2.4	1.2	0.7	37.1	<0.01	0.03	1.6
ZZ86277		1.09	38.6	1100	19.8	11.0	0.003	0.09	1.14	2.4	1.1	0.7	44.7	<0.01	0.04	1.5
ZZ86278		1.17	35.0	1040	17.5	10.8	0.004	0.11	1.06	2.5	0.9	0.7	43.8	<0.01	0.03	1.7
ZZ86279		0.68	57.4	800	20.0	8.4	0.004	0.15	1.43	1.7	1.5	0.6	53.6	<0.01	0.03	0.6
ZZ86280		1.19	46.5	1110	28.2	17.8	0.011	0.13	1.63	2.7	2.0	0.7	49.3	<0.01	0.05	1.6
ZZ86501		1.07	45.3	1020	30.3	18.7	0.001	0.03	2.46	3.7	1.3	1.2	50.6	<0.01	0.07	2.3
ZZ86502		1.03	45.0	1070	28.6	14.5	0.001	0.04	2.37	3.2	1.4	1.1	43.0	<0.01	0.06	1.8
ZZ86503		1.09	44.0	1020	27.2	16.3	0.001	0.04	1.88	3.2	1.2	1.1	37.8	<0.01	0.04	1.9
ZZ86504		1.12	45.6	980	30.4	14.0	0.001	0.04	2.18	3.3	1.3	1.2	40.3	<0.01	0.04	1.9
ZZ86505		1.06	45.0	970	33.7	12.4	0.001	0.04	2.17	3.4	1.8	1.4	39.6	<0.01	0.06	1.9
ZZ86506		0.95	39.2	1020	28.5	13.0	0.002	0.05	1.86	2.9	1.2	1.0	40.4	<0.01	0.04	1.6
ZZ86507		1.09	40.0	890	28.7	16.0	0.003	0.07	1.78	3.2	1.3	1.2	41.1	<0.01	0.06	1.6
ZZ86508		1.02	40.3	1080	29.6	11.2	0.002	0.04	2.18	3.5	1.2	1.2	32.6	<0.01	0.05	2.2
ZZ86509		0.83	49.9	1080	27.7	8.5	0.004	0.10	2.53	2.2	2.2	0.9	46.4	<0.01	0.03	0.9
ZZ86510		1.12	58.1	1260	24.7	14.2	<0.001	0.02	2.36	5.0	1.4	1.0	30.2	<0.01	0.07	3.5
ZZ86511		0.31	112.5	1870	17.6	20.3	0.004	0.02	4.26	4.5	3.0	0.7	81.7	<0.01	0.08	4.6
ZZ86512		0.87	91.4	1750	17.5	19.7	0.001	0.04	2.76	4.9	2.5	0.7	56.0	<0.01	0.07	4.0
ZZ86513		0.94	99.4	1740	20.7	18.2	0.002	0.02	2.63	5.4	2.2	0.8	92.3	<0.01	0.07	4.0
ZZ86514		0.94	47.6	1350	18.9	12.7	0.004	0.06	2.22	2.8	1.6	0.7	49.2	<0.01	0.04	2.0
ZZ86515		0.98	48.1	1260	23.4	14.2	0.003	0.05	2.10	3.2	1.8	1.0	43.7	<0.01	0.06	2.1
ZZ86516		1.01	49.2	1160	23.2	13.0	0.003	0.06	2.12	3.3	1.5	0.9	45.2	<0.01	0.04	2.1
ZZ86517		1.04	55.4	1320	23.0	13.7	0.003	0.04	2.06	3.5	1.9	0.9	50.6	<0.01	0.04	2.7

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ86258		0.053	0.23	0.91	33	2.32	7.87	309	1.0
ZZ86259		0.059	0.20	0.84	40	6.03	7.45	324	0.9
ZZ86260		0.054	0.30	0.76	31	4.38	6.61	315	0.8
ZZ86261		0.038	0.19	1.81	40	2.82	6.79	270	0.9
ZZ86262		0.028	0.13	1.02	30	1.40	6.46	124	1.2
ZZ86263		0.032	0.14	1.13	35	1.31	8.52	132	1.2
ZZ86264		0.038	0.17	1.43	44	1.00	11.10	204	1.3
ZZ86265		0.029	0.11	1.49	35	2.21	7.52	162	1.3
ZZ86266		0.032	0.17	1.27	64	4.89	10.70	154	0.6
ZZ86267		0.053	0.17	0.64	47	1.26	8.57	147	1.3
ZZ86268		0.068	0.21	0.81	65	3.25	15.10	154	0.9
ZZ86269		0.112	0.38	0.76	60	2.22	11.15	157	0.8
ZZ86270		0.038	0.24	1.04	46	3.53	8.88	258	3.0
ZZ86271		0.025	0.22	2.45	48	0.86	7.50	205	2.4
ZZ86272		0.049	0.11	0.76	34	3.99	6.46	328	1.1
ZZ86273		0.033	0.34	8.15	44	1.44	6.91	347	1.8
ZZ86274		0.036	0.39	3.65	48	1.61	6.97	366	1.5
ZZ86275		0.035	0.25	2.16	42	2.53	6.54	233	1.3
ZZ86276		0.035	0.28	3.88	45	2.20	6.88	283	1.5
ZZ86277		0.036	0.32	4.00	47	2.11	6.95	241	1.3
ZZ86278		0.038	0.25	2.48	48	1.18	6.87	223	1.6
ZZ86279		0.023	0.51	14.90	38	4.76	6.06	504	1.0
ZZ86280		0.034	0.56	4.93	54	3.97	8.23	573	1.8
ZZ86501		0.040	0.27	0.92	60	1.13	10.65	191	2.0
ZZ86502		0.040	0.27	1.47	63	1.23	10.20	197	2.0
ZZ86503		0.041	0.28	0.96	59	1.28	9.52	204	1.7
ZZ86504		0.041	0.31	1.23	61	1.17	9.56	209	1.9
ZZ86505		0.038	0.27	1.23	60	2.05	10.00	199	1.7
ZZ86506		0.033	0.23	0.90	54	1.31	8.99	184	1.7
ZZ86507		0.032	0.23	1.35	57	0.86	9.35	195	1.9
ZZ86508		0.035	0.24	0.93	58	3.06	10.50	195	2.1
ZZ86509		0.025	0.22	2.05	51	1.02	8.97	141	1.8
ZZ86510		0.036	0.24	0.81	62	0.53	12.00	213	3.2
ZZ86511		0.033	0.30	2.01	85	0.26	12.70	383	14.2
ZZ86512		0.034	0.26	1.51	65	0.18	11.90	218	6.1
ZZ86513		0.035	0.27	1.80	69	0.14	11.85	249	7.6
ZZ86514		0.024	0.18	2.36	43	0.49	8.53	191	2.9
ZZ86515		0.031	0.23	1.54	51	1.39	9.80	193	2.4
ZZ86516		0.032	0.23	1.37	53	1.04	9.60	207	2.3
ZZ86517		0.035	0.25	1.15	52	1.10	9.98	196	2.7

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ86518	0.12	0.009	0.37	1.22	35.3	<0.2	<10	350	0.58	1.32	2.16	1.29	24.2	11.0	29
ZZ86519	0.16	0.007	0.44	1.24	39.0	<0.2	<10	410	0.62	1.39	2.37	1.77	22.9	13.6	29
ZZ86520	0.35	0.010	0.48	1.48	40.2	<0.2	<10	380	0.69	1.70	2.16	2.17	27.5	13.7	34
ZZ86521	0.22	0.008	0.41	1.36	32.9	<0.2	<10	510	0.64	1.79	2.73	2.30	22.9	10.8	30
ZZ86522	0.17	0.006	0.34	0.90	18.7	<0.2	<10	560	0.48	1.05	3.44	3.26	13.85	8.0	20
ZZ86523	0.20	0.006	0.41	1.22	26.0	<0.2	<10	390	0.54	1.46	1.82	1.44	19.65	9.1	28
ZZ86524	0.39	0.008	0.43	1.43	38.0	<0.2	<10	410	0.70	1.18	2.67	1.68	25.8	12.7	32
ZZ86525	0.19	0.007	0.37	1.39	33.7	<0.2	<10	400	0.65	1.47	2.22	1.59	22.9	11.7	32
ZZ86526	0.29	0.007	0.35	1.19	29.9	<0.2	<10	340	0.55	1.35	2.76	1.48	23.4	10.2	29
ZZ86527	0.32	0.007	0.43	1.35	31.1	<0.2	<10	380	0.65	1.73	2.14	1.42	23.6	10.5	32
ZZ86528	0.20	0.005	0.39	1.44	30.3	<0.2	<10	460	0.63	1.76	1.88	1.43	20.8	10.5	33
ZZ86529	0.29	0.006	0.41	1.35	33.9	<0.2	<10	390	0.63	1.74	2.40	1.30	23.3	11.4	32
ZZ86530	0.25	0.008	0.42	1.53	27.1	<0.2	<10	460	0.67	1.61	1.47	1.41	23.1	11.0	35
ZZ86531	0.57	0.023	0.45	1.04	107.5	<0.2	<10	250	0.47	1.17	3.20	1.10	27.8	16.6	21
ZZ86532	0.54	0.025	0.44	1.18	59.3	<0.2	<10	270	0.51	1.06	2.40	0.97	28.4	12.5	23
ZZ86534	0.37	0.026	0.53	1.43	70.8	<0.2	<10	500	0.68	1.18	3.49	1.71	34.2	19.6	39
ZZ86535	0.43	0.015	0.38	1.36	96.3	<0.2	<10	440	0.59	2.66	4.05	0.97	35.9	15.1	27
ZZ86536	0.37	0.017	0.52	1.54	74.7	<0.2	<10	430	0.62	1.31	1.83	0.89	34.4	19.2	44
ZZ86537	0.21	0.021	0.35	1.31	91.3	<0.2	<10	430	0.58	1.26	1.71	0.95	29.9	14.7	21
ZZ86538	0.27	0.011	0.32	1.12	31.8	<0.2	<10	360	0.52	1.25	2.09	1.65	22.4	10.2	26
ZZ86539	0.33	0.010	0.31	1.11	33.8	<0.2	<10	340	0.56	1.20	2.75	0.94	25.5	10.2	24
ZZ86540	0.41	0.024	0.44	1.71	37.2	<0.2	<10	430	0.70	1.32	2.04	1.20	25.4	12.8	45
ZZ86541	0.27	0.036	0.30	1.60	36.9	<0.2	<10	460	0.72	19.45	3.93	1.84	23.2	12.2	42
ZZ86542	0.50	0.039	0.36	1.49	33.1	<0.2	<10	420	0.61	1.54	4.57	1.28	23.9	12.2	36
ZZ86543	0.33	0.009	0.34	1.26	48.1	<0.2	<10	270	0.51	2.07	5.70	1.16	22.1	10.2	30
ZZ86544	0.14	0.019	0.24	1.00	69.1	<0.2	<10	470	0.43	1.25	3.11	1.14	19.70	11.1	16
ZZ86545	0.55	0.021	0.22	1.47	130.0	<0.2	<10	400	0.66	2.84	3.50	0.83	40.4	17.5	23
ZZ86546	0.51	0.022	0.23	1.37	120.5	<0.2	<10	400	0.61	1.80	3.53	1.07	38.1	18.4	20
ZZ86547	0.48	0.037	0.24	1.41	87.0	<0.2	<10	370	0.62	1.78	0.92	0.79	33.8	14.4	23
ZZ86548	0.32	0.008	0.44	1.45	43.5	<0.2	<10	420	0.69	1.76	1.21	1.77	28.4	11.8	29
ZZ86549	0.45	0.013	0.34	1.38	69.1	<0.2	<10	410	0.75	2.05	1.55	1.46	32.3	15.3	26
ZZ86550	0.68	0.065	0.29	1.02	128.5	<0.2	<10	290	0.54	2.32	4.00	1.07	34.2	16.2	16
ZZ86551	0.31	0.010	0.35	1.23	49.3	<0.2	<10	370	0.55	1.67	2.37	1.68	23.4	11.1	26
ZZ86552	0.19	0.011	0.34	1.26	34.6	<0.2	<10	380	0.56	1.49	2.55	1.55	21.3	9.1	28
ZZ86553	0.17	0.014	0.35	1.20	40.7	<0.2	<10	370	0.55	1.32	2.47	1.32	21.7	9.3	27
ZZ86554	0.19	0.015	0.33	1.22	23.2	<0.2	<10	350	0.61	1.13	2.22	1.55	23.7	9.8	28
ZZ86555	0.37	0.038	0.34	1.22	36.0	<0.2	<10	380	0.58	2.17	2.63	1.34	23.4	11.3	27
ZZ86556	0.23	0.006	0.40	1.33	33.6	<0.2	<10	390	0.65	1.73	2.12	1.73	21.7	10.8	30
ZZ86557	0.16	0.010	0.34	1.23	33.4	<0.2	<10	380	0.58	1.58	2.44	1.80	20.7	9.9	27
ZZ86558	0.44	0.017	0.34	0.99	51.4	<0.2	<10	410	0.53	1.51	3.20	1.94	30.6	16.1	19

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Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86518		1.60	42.1	2.59	3.67	0.05	0.06	0.06	0.037	0.14	12.9	12.2	1.26	712	3.31	0.02
ZZ86519		1.62	57.3	2.99	3.75	0.05	0.08	0.07	0.039	0.13	12.2	12.2	1.26	462	4.20	0.03
ZZ86520		2.20	57.6	3.28	4.48	0.06	0.09	0.07	0.045	0.20	14.8	15.6	1.51	299	4.47	0.03
ZZ86521		1.97	46.6	2.68	4.09	0.05	0.06	0.08	0.040	0.13	12.4	13.8	1.61	1040	3.23	0.02
ZZ86522		1.10	40.2	1.74	2.67	<0.05	0.05	0.08	0.027	0.08	6.8	8.5	0.62	985	1.77	0.01
ZZ86523		1.37	35.6	2.46	3.51	<0.05	0.04	0.07	0.038	0.10	10.8	11.7	0.78	501	2.88	0.01
ZZ86524		1.52	57.0	3.20	4.23	0.07	0.06	0.08	0.047	0.13	13.8	13.8	1.70	918	5.12	0.02
ZZ86525		1.85	39.5	2.80	4.22	0.05	0.05	0.07	0.041	0.14	12.3	13.8	1.25	661	3.85	0.01
ZZ86526		1.45	35.9	2.66	3.58	0.05	0.05	0.07	0.038	0.11	12.6	12.0	1.58	348	3.28	0.02
ZZ86527		1.77	39.4	2.72	4.05	0.05	0.05	0.07	0.040	0.11	12.6	13.5	1.26	474	3.18	0.02
ZZ86528		1.86	37.1	2.72	4.16	0.05	0.04	0.06	0.044	0.12	11.1	14.0	0.86	506	2.84	0.01
ZZ86529		1.63	41.1	2.91	3.90	0.05	0.05	0.08	0.038	0.11	12.5	12.9	1.40	506	3.17	0.02
ZZ86530		1.75	40.7	2.70	4.46	<0.05	0.05	0.07	0.044	0.12	12.5	14.5	0.79	335	2.56	0.01
ZZ86531		0.98	69.8	3.62	3.02	0.06	0.08	0.08	0.032	0.10	14.9	9.7	1.90	645	3.92	0.01
ZZ86532		0.94	49.1	3.12	3.39	0.05	0.04	0.08	0.032	0.10	15.0	11.4	1.36	516	3.31	<0.01
ZZ86534		1.77	87.8	4.12	4.29	0.07	0.15	0.06	0.042	0.30	18.8	11.2	1.47	588	7.03	0.01
ZZ86535		1.57	60.3	3.74	3.94	0.06	0.08	0.05	0.036	0.24	19.1	11.6	1.76	615	3.78	0.01
ZZ86536		1.62	74.9	4.03	4.68	0.07	0.09	0.06	0.042	0.21	18.9	13.0	1.29	680	5.09	0.01
ZZ86537		1.23	56.4	3.53	3.48	0.06	0.06	0.05	0.033	0.17	15.8	10.0	0.81	759	3.35	0.01
ZZ86538		1.35	36.1	2.59	3.35	0.05	0.05	0.07	0.036	0.10	12.0	11.0	1.12	431	3.64	0.01
ZZ86539		1.12	35.8	2.57	3.39	<0.05	0.05	0.06	0.037	0.08	13.7	11.4	1.69	493	3.62	0.01
ZZ86540		2.24	46.3	3.45	5.16	0.06	0.05	0.08	0.039	0.14	14.2	17.4	1.48	521	3.95	0.02
ZZ86541		2.53	44.3	3.02	5.07	0.05	0.05	0.09	0.036	0.11	12.8	15.1	2.23	497	4.82	0.04
ZZ86542		2.64	43.9	3.02	4.41	0.05	0.05	0.08	0.034	0.14	13.1	17.1	2.30	449	4.55	0.02
ZZ86543		3.53	36.5	2.86	3.77	0.06	0.05	0.05	0.030	0.15	11.8	13.5	2.81	432	4.76	0.02
ZZ86544		1.05	40.9	2.79	2.67	<0.05	0.05	0.06	0.023	0.11	10.4	7.6	0.65	755	3.26	0.01
ZZ86545		1.85	61.5	3.93	4.10	0.07	0.12	0.04	0.036	0.29	21.4	12.5	1.48	714	3.46	0.01
ZZ86546		1.64	81.4	3.97	3.79	0.07	0.07	0.06	0.038	0.27	20.6	12.5	1.67	737	4.93	0.01
ZZ86547		1.01	52.6	3.58	3.66	0.06	0.06	0.08	0.036	0.11	18.5	12.6	0.71	521	3.99	0.01
ZZ86548		1.59	49.0	2.96	4.06	0.05	0.08	0.09	0.042	0.11	15.2	14.8	0.66	383	4.90	0.01
ZZ86549		1.32	60.1	3.49	3.83	0.05	0.06	0.08	0.041	0.16	17.6	14.6	0.96	543	5.29	0.01
ZZ86550		1.35	72.5	3.65	2.84	0.06	0.35	0.03	0.035	0.25	18.9	9.3	1.28	560	5.34	<0.01
ZZ86551		1.71	40.8	2.71	3.52	0.05	0.06	0.07	0.041	0.14	12.8	12.8	1.38	529	4.14	0.01
ZZ86552		1.71	36.0	2.72	3.59	0.05	0.04	0.06	0.044	0.12	11.5	13.6	1.45	231	3.31	0.02
ZZ86553		1.50	37.8	2.58	3.59	0.05	0.05	0.06	0.042	0.11	11.9	13.1	1.41	262	4.35	0.02
ZZ86554		1.36	37.9	2.20	3.51	0.05	0.06	0.07	0.039	0.12	12.7	13.3	1.25	308	2.63	0.02
ZZ86555		1.53	37.5	2.71	3.42	<0.05	0.05	0.08	0.041	0.11	12.7	13.0	1.52	461	3.75	0.02
ZZ86556		1.70	39.1	2.54	3.83	0.05	0.05	0.07	0.042	0.12	11.9	14.6	1.24	482	3.55	0.01
ZZ86557		1.62	34.2	2.51	3.48	0.05	0.04	0.08	0.035	0.12	11.3	13.4	1.33	427	3.86	0.01
ZZ86558		2.59	59.5	3.30	2.91	0.05	0.07	0.07	0.036	0.12	16.3	12.2	1.47	1100	14.60	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86518		0.99	48.6	1220	21.3	18.3	0.002	0.06	1.95	3.1	1.8	0.9	64.6	<0.01	0.05	2.1
ZZ86519		1.04	51.1	1310	24.3	13.4	0.005	0.08	2.46	3.3	2.3	1.0	63.9	<0.01	0.05	1.9
ZZ86520		1.24	56.4	1220	27.2	22.0	0.002	0.05	2.54	4.3	2.2	1.2	70.0	<0.01	0.06	3.2
ZZ86521		1.01	57.8	1100	25.0	13.9	0.007	0.08	2.14	3.3	2.4	1.8	45.7	<0.01	0.05	1.9
ZZ86522		0.76	37.2	930	18.8	10.0	0.003	0.12	1.78	1.7	1.8	0.9	60.6	<0.01	0.02	0.5
ZZ86523		0.89	38.7	990	26.8	12.3	0.001	0.07	1.92	2.4	1.1	1.1	36.0	<0.01	0.05	1.1
ZZ86524		1.04	50.0	1150	27.1	14.4	0.001	0.03	2.37	4.0	1.4	1.0	39.7	<0.01	0.06	2.4
ZZ86525		1.09	46.9	1050	26.1	18.0	0.002	0.05	2.16	3.4	1.1	1.1	38.0	<0.01	0.04	1.9
ZZ86526		0.98	40.6	1070	25.1	12.8	0.001	0.05	1.83	3.0	1.1	0.9	40.2	<0.01	0.03	1.9
ZZ86527		1.07	42.5	1030	30.3	14.1	0.002	0.05	2.09	3.3	1.5	1.2	36.2	<0.01	0.05	1.7
ZZ86528		1.10	41.7	910	30.6	17.3	0.001	0.07	2.06	3.0	0.9	1.3	37.0	<0.01	0.05	1.4
ZZ86529		1.04	42.2	1040	32.1	12.7	0.002	0.05	2.11	3.1	1.3	1.2	37.0	<0.01	0.05	1.7
ZZ86530		1.11	45.9	1040	31.5	13.7	0.002	0.07	2.01	3.3	1.3	1.3	34.4	<0.01	0.06	1.5
ZZ86531		0.76	52.9	1390	21.3	9.1	0.001	0.02	2.93	3.7	1.0	0.5	50.3	<0.01	0.07	3.7
ZZ86532		0.86	48.4	1150	17.8	9.1	<0.001	0.02	2.08	3.5	1.3	0.6	42.5	<0.01	0.05	3.3
ZZ86534		0.69	95.2	2140	18.6	19.3	0.003	0.03	2.92	4.6	1.8	0.7	73.3	<0.01	0.08	4.9
ZZ86535		1.32	52.8	1400	22.0	19.1	0.001	0.03	2.11	4.1	1.3	0.7	63.3	<0.01	0.07	3.9
ZZ86536		1.22	82.5	1850	21.2	16.1	0.001	0.03	2.31	5.2	1.9	0.9	43.6	<0.01	0.07	3.3
ZZ86537		1.56	41.3	1450	17.5	16.7	0.001	0.05	1.72	2.7	1.6	0.8	35.7	<0.01	0.06	2.0
ZZ86538		0.94	42.5	990	24.4	11.7	0.002	0.05	1.98	2.7	1.4	1.2	36.9	<0.01	0.04	1.9
ZZ86539		0.86	39.6	1050	21.9	9.4	0.001	0.03	1.80	3.1	1.1	0.9	35.6	<0.01	0.05	2.1
ZZ86540		1.26	55.0	1160	24.1	17.1	0.001	0.04	1.88	4.5	1.3	1.1	34.7	<0.01	0.04	2.3
ZZ86541		1.44	49.9	960	23.7	18.9	0.001	0.04	2.04	4.8	2.0	0.9	57.8	<0.01	0.05	2.6
ZZ86542		1.09	48.5	1050	22.8	19.2	0.001	0.02	1.82	4.4	1.2	1.0	61.7	<0.01	0.06	3.0
ZZ86543		1.29	41.4	1030	20.8	19.3	<0.001	0.02	1.42	3.7	0.8	1.0	61.5	<0.01	0.04	2.6
ZZ86544		1.54	30.2	1200	11.9	10.8	0.003	0.09	1.39	1.9	2.2	0.6	59.9	<0.01	0.04	1.0
ZZ86545		1.69	42.3	1420	20.7	24.0	<0.001	0.02	1.82	4.0	1.0	1.1	54.3	<0.01	0.05	5.6
ZZ86546		1.31	50.0	1420	19.7	20.7	0.001	0.02	2.08	3.9	1.4	0.9	59.2	<0.01	0.05	5.0
ZZ86547		1.23	45.1	1070	21.4	10.3	<0.001	0.02	1.85	4.3	1.0	0.7	25.8	<0.01	0.07	3.9
ZZ86548		1.29	46.7	1100	35.3	13.1	0.001	0.05	2.33	3.9	1.3	1.4	35.9	<0.01	0.07	2.9
ZZ86549		1.29	52.7	1190	26.3	14.4	<0.001	0.03	2.39	3.7	1.0	1.1	36.5	<0.01	0.07	3.3
ZZ86550		0.45	43.5	1620	15.1	16.1	0.003	0.03	2.27	3.2	1.2	0.8	62.3	<0.01	0.07	5.8
ZZ86551		1.11	45.1	1070	28.2	17.0	0.002	0.06	2.13	2.8	1.5	1.3	38.3	<0.01	0.05	2.3
ZZ86552		1.02	39.2	980	32.5	14.5	0.002	0.06	1.97	2.8	1.6	1.4	39.4	<0.01	0.05	1.9
ZZ86553		1.06	38.9	930	37.2	12.0	0.002	0.05	2.24	3.0	1.6	1.4	38.1	<0.01	0.06	2.0
ZZ86554		1.07	38.7	1060	30.6	10.7	0.003	0.05	1.89	3.2	1.2	1.1	38.8	<0.01	0.05	2.3
ZZ86555		1.07	40.9	1140	25.7	13.2	0.002	0.05	1.82	3.0	1.6	1.0	39.2	<0.01	0.04	2.0
ZZ86556		1.07	43.7	1010	35.6	13.5	0.002	0.06	2.08	3.0	1.3	1.5	34.5	<0.01	0.06	1.7
ZZ86557		0.94	40.6	970	32.1	16.9	0.001	0.06	1.99	2.6	1.3	1.4	38.9	<0.01	0.06	1.7
ZZ86558		0.93	73.3	1130	21.8	12.0	0.002	0.02	2.48	3.7	1.1	0.5	60.5	<0.01	0.07	4.1

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86518		0.030	0.22	1.12	50	1.04	9.08	189	2.1
ZZ86519		0.030	0.24	1.92	54	1.00	10.70	205	2.7
ZZ86520		0.039	0.35	1.14	62	1.24	11.05	262	3.4
ZZ86521		0.032	0.30	2.11	55	2.62	9.87	259	2.3
ZZ86522		0.020	0.16	2.07	34	0.56	6.37	163	1.7
ZZ86523		0.031	0.20	1.12	51	1.04	8.63	189	1.5
ZZ86524		0.037	0.23	0.84	61	0.94	12.15	191	2.2
ZZ86525		0.037	0.27	1.13	57	1.03	9.01	216	1.8
ZZ86526		0.036	0.21	1.18	53	1.03	8.79	178	1.8
ZZ86527		0.036	0.26	1.16	57	1.30	9.94	197	1.8
ZZ86528		0.035	0.27	1.20	59	1.21	7.62	221	1.7
ZZ86529		0.037	0.23	1.07	60	2.06	10.20	195	1.7
ZZ86530		0.036	0.25	1.30	62	1.11	9.74	213	1.8
ZZ86531		0.026	0.24	1.12	41	0.21	10.20	152	4.0
ZZ86532		0.027	0.20	0.93	45	0.25	9.47	164	2.0
ZZ86534		0.030	0.25	2.07	64	0.18	12.95	239	8.1
ZZ86535		0.029	0.23	1.22	46	0.17	10.70	139	3.3
ZZ86536		0.038	0.23	1.27	65	0.17	12.65	185	3.3
ZZ86537		0.027	0.18	1.75	40	0.25	9.26	121	2.3
ZZ86538		0.030	0.21	1.53	51	1.12	8.35	182	1.7
ZZ86539		0.031	0.17	1.16	47	1.74	9.69	153	1.5
ZZ86540		0.053	0.24	1.06	69	1.30	11.20	228	1.6
ZZ86541		0.059	0.40	1.21	80	1.94	11.65	177	2.0
ZZ86542		0.052	0.33	1.95	56	4.28	10.05	190	2.1
ZZ86543		0.051	0.29	1.55	48	1.90	8.50	210	2.2
ZZ86544		0.021	0.15	5.35	31	1.91	6.20	82	1.9
ZZ86545		0.041	0.25	1.05	41	0.23	9.68	121	6.7
ZZ86546		0.032	0.35	1.16	43	0.28	10.35	149	4.3
ZZ86547		0.027	0.20	0.92	46	0.71	10.25	138	2.1
ZZ86548		0.031	0.28	1.22	60	1.13	11.15	205	3.0
ZZ86549		0.029	0.24	1.25	50	0.63	10.75	206	2.6
ZZ86550		0.019	0.18	1.48	32	0.15	10.10	150	14.2
ZZ86551		0.032	0.29	1.07	55	1.53	8.49	209	2.3
ZZ86552		0.034	0.27	1.03	57	2.79	7.70	202	1.7
ZZ86553		0.033	0.24	1.20	57	1.47	8.47	185	1.8
ZZ86554		0.033	0.21	0.94	53	0.84	9.34	174	2.2
ZZ86555		0.033	0.25	1.08	54	4.48	9.03	198	1.8
ZZ86556		0.034	0.26	1.17	61	1.87	8.91	224	1.7
ZZ86557		0.031	0.26	0.88	57	2.15	7.24	222	1.6
ZZ86558		0.033	0.30	1.87	39	0.31	9.65	314	3.2

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Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ86559		0.36	0.003	0.24	1.93	23.3	<0.2	<10	230	0.78	1.19	2.37	1.07	24.9	10.4	38
ZZ86560		0.44	0.012	0.37	1.49	69.3	<0.2	<10	390	0.75	1.69	0.87	1.13	37.7	15.3	25
ZZ86561		0.52	0.015	0.27	1.38	99.1	<0.2	<10	360	0.62	2.76	3.91	0.94	37.8	16.2	21
ZZ86562		0.49	0.014	0.35	1.38	77.4	<0.2	<10	440	0.65	2.09	3.12	0.91	35.2	14.1	23
ZZ86563		0.59	0.016	0.36	1.44	100.0	<0.2	<10	370	0.65	2.55	2.22	0.60	39.6	15.7	23
ZZ86564		0.39	0.006	0.23	1.55	33.4	<0.2	<10	290	0.62	1.89	3.84	0.89	25.2	10.5	35
ZZ86565		0.22	0.006	0.40	1.38	35.2	<0.2	<10	420	0.66	1.40	2.08	1.59	22.9	11.3	30
ZZ86566		0.27	0.018	0.24	0.74	23.6	<0.2	<10	370	0.43	1.31	5.00	1.13	22.1	8.3	17
ZZ86567		0.09	0.008	0.39	0.94	18.3	<0.2	<10	750	0.48	1.34	3.13	1.37	15.80	7.9	24
ZZ86568		0.19	0.006	0.34	1.25	30.4	<0.2	<10	380	0.59	1.57	1.93	1.59	24.3	11.5	28
ZZ86569		0.11	0.005	0.32	0.91	29.7	<0.2	<10	590	0.64	1.69	2.72	3.41	16.50	10.1	21
ZZ86570		0.25	0.005	0.33	1.07	27.2	<0.2	<10	610	0.55	1.46	3.68	2.04	21.5	11.3	25
ZZ86571		0.33	0.006	0.28	1.05	29.0	<0.2	<10	620	0.53	1.73	3.47	1.58	20.7	9.9	25
ZZ86572		0.27	0.004	0.34	0.95	32.2	<0.2	<10	620	0.58	2.64	6.11	2.83	18.20	10.4	24
ZZ86573		0.35	0.006	0.28	0.98	29.1	<0.2	<10	500	0.54	2.28	7.48	1.87	18.30	9.4	23
ZZ86574		0.35	0.002	0.22	0.88	22	<0.2	<10	530	0.47	2.07	10.45	1.97	15.15	8.1	20
ZZ86575		0.38	0.003	0.33	0.88	30.1	<0.2	<10	580	0.53	2.55	8.85	2.94	16.15	9.4	21
ZZ86576		0.13	0.007	0.24	1.08	31.1	<0.2	<10	540	0.60	2.12	4.01	3.77	18.40	10.6	26
ZZ86577		0.16	0.006	0.22	1.06	33.7	<0.2	<10	600	0.56	2.42	4.98	2.97	17.80	10.8	24
ZZ86578		0.20	0.003	0.29	0.96	29.0	<0.2	<10	540	0.53	2.25	5.88	2.57	17.80	10.1	24
ZZ86579		0.31	0.005	0.26	0.88	26.0	<0.2	<10	560	0.50	2.24	8.07	2.02	15.45	8.7	20
ZZ86580		0.28	0.006	0.45	1.47	37.0	<0.2	<10	390	0.85	2.31	1.42	2.05	25.2	11.8	34
ZZ86581		0.12	0.005	0.29	0.93	21.4	<0.2	<10	530	0.47	1.26	2.75	3.43	14.10	8.0	20
ZZ86582		0.14	0.003	0.13	0.60	11.8	<0.2	<10	380	0.29	0.82	3.14	2.23	7.97	6.0	13
ZZ86583		0.43	0.130	0.45	1.33	34.2	<0.2	<10	380	0.70	2.16	1.93	2.06	22.9	12.5	32
ZZ86584		0.27	0.005	0.34	1.13	12.1	<0.2	<10	430	0.54	1.30	2.62	2.22	22.1	9.1	27
ZZ86585		0.17	0.005	0.39	1.13	25.1	<0.2	<10	360	0.57	1.87	1.83	2.33	20.3	10.1	29
ZZ86586		0.48	0.004	0.53	1.73	21.0	<0.2	<10	480	0.75	1.79	3.69	1.05	18.60	10.4	42
ZZ86587		0.44	0.007	0.41	1.68	24.4	<0.2	<10	410	0.62	1.71	4.70	1.30	16.40	12.8	46
ZZ86588		0.38	0.016	0.49	1.77	27.9	<0.2	<10	430	0.72	1.75	4.30	1.13	18.90	12.4	50
ZZ86589		0.30	0.009	0.34	1.85	44.7	<0.2	<10	340	0.66	2.28	3.54	0.80	19.05	10.5	53
ZZ86590		0.29	0.005	0.27	2.50	29.7	<0.2	<10	280	0.95	1.93	1.81	0.74	20.8	13.6	49
ZZ86591		0.37	0.002	0.22	3.04	18.5	<0.2	<10	230	1.12	0.76	0.66	0.54	26.0	19.5	96
ZZ86592		0.41	0.004	0.32	1.88	19.4	<0.2	<10	290	0.69	1.66	5.32	0.72	18.70	11.4	48
ZZ86593		0.22	0.004	0.48	2.48	25.5	<0.2	<10	250	1.07	2.10	1.43	7.16	26.7	21.9	87
ZZ86594		0.29	0.014	0.32	1.11	28.3	<0.2	<10	360	0.56	1.32	2.04	2.18	21.5	9.7	23
ZZ86595		0.39	0.006	0.36	1.11	36.0	<0.2	<10	410	0.57	1.42	5.00	1.69	27.0	11.2	22
ZZ86596		0.39	0.009	0.41	1.23	35.6	<0.2	<10	400	0.67	1.59	2.94	2.09	23.6	11.4	26
ZZ86597		0.24	0.005	0.31	1.21	30.4	<0.2	<10	470	0.66	1.64	1.60	2.26	19.80	11.3	24
ZZ86598		0.32	0.014	0.40	1.24	37.8	<0.2	<10	340	0.63	1.77	5.17	1.52	24.7	11.5	28

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ALS Minerals

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CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ86559		2.39	29.0	2.82	5.78	0.05	0.05	0.07	0.032	0.08	14.0	17.2	1.70	395	3.30	0.03
ZZ86560		1.06	53.1	3.71	4.13	0.07	0.04	0.09	0.039	0.12	20.1	14.3	0.78	659	4.44	0.01
ZZ86561		1.63	68.8	3.87	3.83	0.06	0.15	0.04	0.034	0.28	20.1	12.6	1.57	659	3.77	0.01
ZZ86562		1.21	53.1	3.49	3.93	0.06	0.06	0.06	0.036	0.16	19.0	13.6	1.49	683	3.52	0.01
ZZ86563		1.39	65.1	3.78	3.93	0.07	0.07	0.06	0.033	0.19	21.2	12.4	1.47	607	3.49	0.01
ZZ86564		2.75	30.3	3.06	4.44	<0.05	0.04	0.05	0.031	0.10	12.9	15.1	2.27	470	3.52	0.02
ZZ86565		1.60	37.7	2.71	3.96	0.05	0.05	0.07	0.043	0.13	12.6	14.5	1.04	571	3.63	0.02
ZZ86566		1.20	29.2	2.06	2.29	0.05	0.06	0.05	0.029	0.08	11.8	9.8	2.57	317	3.61	0.01
ZZ86567		1.20	27.7	2.09	2.68	<0.05	0.03	0.07	0.027	0.06	8.6	11.4	0.78	488	1.60	0.01
ZZ86568		1.44	41.5	2.59	3.66	0.05	0.05	0.06	0.037	0.10	13.2	13.5	1.17	463	2.86	0.02
ZZ86569		1.89	29.0	2.30	2.65	0.06	0.03	0.07	0.027	0.07	8.8	10.6	1.13	608	5.12	0.01
ZZ86570		1.90	36.3	2.64	3.13	0.05	0.05	0.08	0.034	0.07	11.5	12.9	2.21	546	4.63	0.01
ZZ86571		1.79	26.8	2.61	3.04	0.05	0.05	0.06	0.034	0.06	11.4	12.4	2.30	328	4.43	0.02
ZZ86572		2.26	36.9	2.37	2.94	0.05	0.04	0.07	0.033	0.09	9.8	12.0	3.10	552	6.63	0.01
ZZ86573		2.36	32.8	2.25	2.89	0.05	0.04	0.06	0.029	0.08	9.9	12.5	3.46	381	3.98	0.01
ZZ86574		2.22	25.3	1.88	2.61	<0.05	0.03	0.07	0.027	0.07	8.4	11.9	4.34	481	4.07	0.01
ZZ86575		2.69	35.2	2.17	2.69	0.05	0.04	0.07	0.031	0.10	8.8	11.7	3.59	472	6.81	0.01
ZZ86576		3.53	27.7	2.49	3.15	0.05	0.04	0.06	0.031	0.11	10.0	12.9	2.22	455	4.61	0.01
ZZ86577		2.47	27.2	2.50	3.03	0.05	0.04	0.06	0.035	0.09	9.5	12.8	2.93	500	4.74	0.02
ZZ86578		2.43	35.4	2.36	3.02	0.06	0.05	0.06	0.034	0.10	9.6	12.0	3.14	559	4.07	0.01
ZZ86579		1.97	29.2	2.04	2.65	0.05	0.04	0.05	0.027	0.07	8.4	11.1	3.67	552	4.08	0.01
ZZ86580		2.10	51.8	2.96	4.41	0.06	0.06	0.10	0.047	0.09	13.5	16.9	0.87	487	5.56	0.01
ZZ86581		1.47	40.5	2.16	2.69	<0.05	0.04	0.08	0.026	0.05	6.6	9.4	0.63	982	2.54	0.01
ZZ86582		1.25	21.0	1.32	1.78	<0.05	0.03	0.05	0.016	0.04	4.0	4.8	0.53	623	2.31	0.01
ZZ86583		2.19	43.1	2.92	4.12	0.06	0.05	0.08	0.038	0.08	12.5	16.1	1.27	716	5.77	0.01
ZZ86584		1.69	32.9	1.77	3.42	0.05	0.07	0.08	0.031	0.08	11.7	14.5	1.70	242	1.44	0.01
ZZ86585		2.02	33.8	2.40	3.41	0.06	0.05	0.09	0.035	0.08	11.0	13.6	0.98	369	4.44	0.01
ZZ86586		3.42	31.3	2.71	5.44	0.06	0.03	0.09	0.036	0.07	10.9	18.0	2.22	511	2.52	0.04
ZZ86587		3.89	37.1	2.85	5.50	0.05	0.04	0.08	0.037	0.08	9.2	18.8	3.14	522	2.87	0.04
ZZ86588		3.50	46.7	3.08	5.43	0.06	0.04	0.07	0.032	0.08	11.3	18.5	2.93	548	3.33	0.04
ZZ86589		3.02	35.4	3.04	5.98	<0.05	0.02	0.06	0.032	0.06	10.7	18.3	1.93	343	2.64	0.03
ZZ86590		3.42	33.0	3.30	7.89	0.05	0.04	0.05	0.040	0.06	10.7	24.1	1.66	443	3.22	0.03
ZZ86591		3.27	28.7	3.67	7.99	0.07	0.06	0.03	0.050	0.06	13.3	35.8	2.05	512	1.93	0.01
ZZ86592		4.97	27.4	2.80	6.15	0.05	0.03	0.07	0.030	0.09	10.5	22.6	2.59	360	2.37	0.02
ZZ86593		2.26	73.8	3.67	7.30	0.06	0.05	0.23	0.043	0.03	12.5	26.6	1.42	520	15.80	0.03
ZZ86594		1.00	38.9	2.57	3.44	0.05	0.06	0.06	0.032	0.08	11.7	12.5	0.97	480	3.49	0.01
ZZ86595		1.50	44.7	2.86	3.39	0.06	0.12	0.08	0.037	0.14	14.3	14.2	2.27	550	4.25	0.01
ZZ86596		1.48	49.3	2.87	3.75	0.05	0.08	0.13	0.037	0.12	12.5	14.1	1.48	503	4.52	0.01
ZZ86597		0.96	39.5	2.56	3.71	0.05	0.07	0.08	0.034	0.06	10.7	12.4	0.61	470	8.33	0.01
ZZ86598		1.75	50.4	2.85	3.82	0.05	0.08	0.12	0.037	0.11	13.6	14.0	2.48	498	5.04	0.01

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
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Finalized Date: 23- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ86559		1.48	34.5	600	20.4	15.3	<0.001	0.02	1.16	5.3	1.2	1.2	31.3	<0.01	0.05	3.5
ZZ86560		1.25	49.6	1090	24.7	12.0	<0.001	0.02	1.80	4.5	1.0	0.9	25.3	<0.01	0.06	4.1
ZZ86561		1.01	41.0	1400	21.7	20.9	0.001	0.02	1.77	3.9	1.0	0.8	59.3	<0.01	0.06	5.5
ZZ86562		1.41	43.2	1090	20.5	14.8	<0.001	0.02	1.76	3.9	0.9	1.0	49.6	<0.01	0.07	3.6
ZZ86563		1.75	44.6	1360	21.8	17.5	<0.001	0.02	2.03	4.1	1.5	1.0	38.1	<0.01	0.06	4.6
ZZ86564		1.23	41.9	850	24.8	17.0	<0.001	0.02	1.39	4.1	1.1	0.9	46.6	<0.01	0.05	3.1
ZZ86565		1.12	42.5	980	35.9	14.5	0.001	0.06	2.07	3.2	1.3	1.3	40.1	<0.01	0.07	1.7
ZZ86566		0.77	34.3	970	18.9	9.3	0.002	0.03	1.50	2.6	1.4	0.6	63.1	<0.01	0.05	2.7
ZZ86567		0.90	29.7	740	16.6	11.6	<0.001	0.09	1.15	2.3	2.1	0.6	62.6	<0.01	0.04	0.9
ZZ86568		1.06	42.7	1030	28.9	12.4	0.001	0.04	1.89	3.4	1.3	1.1	35.0	<0.01	0.05	2.1
ZZ86569		0.80	65.9	960	19.0	10.7	0.004	0.08	1.46	2.0	2.8	0.7	44.7	<0.01	0.04	0.9
ZZ86570		0.88	49.1	990	26.1	11.3	0.002	0.05	1.65	2.9	1.6	0.8	45.5	<0.01	0.05	2.0
ZZ86571		0.89	46.4	1020	23.2	9.1	0.002	0.04	1.67	2.7	1.6	0.8	40.3	<0.01	0.05	2.1
ZZ86572		0.93	53.4	870	23.7	12.9	0.002	0.05	2.11	2.7	2.3	0.9	70.8	<0.01	0.03	2.0
ZZ86573		0.92	48.3	850	22.3	13.5	0.001	0.04	1.69	2.7	1.9	0.9	70.8	<0.01	0.04	1.9
ZZ86574		0.80	38.6	650	20.2	12.1	0.001	0.03	1.38	2.4	1.2	1.0	90.1	<0.01	0.03	1.6
ZZ86575		0.81	58.9	810	22.0	19.2	0.002	0.05	1.93	2.5	2.3	1.1	85.6	<0.01	0.04	1.6
ZZ86576		0.96	71.1	1050	23.1	23.9	0.002	0.08	1.61	2.4	2.2	1.2	44.9	<0.01	0.04	1.3
ZZ86577		0.94	62.2	1000	23.0	20.0	0.001	0.07	1.63	2.4	1.7	1.0	50.6	<0.01	0.06	1.4
ZZ86578		0.87	56.4	860	23.5	20.3	0.002	0.05	1.79	2.5	2.0	0.9	59.8	<0.01	0.05	1.7
ZZ86579		0.76	43.3	760	23.5	11.5	0.002	0.04	1.58	2.2	1.7	1.0	76.3	<0.01	0.06	1.8
ZZ86580		1.02	57.9	1070	33.7	13.1	0.005	0.07	2.11	3.5	4.2	1.1	36.0	<0.01	0.07	1.9
ZZ86581		0.69	46.4	930	18.2	7.5	0.011	0.15	1.65	1.7	4.9	0.7	44.0	<0.01	0.03	0.7
ZZ86582		0.46	23.0	960	10.6	9.7	0.004	0.16	0.88	0.9	4.2	0.4	50.3	<0.01	0.02	0.3
ZZ86583		0.95	71.8	1070	27.5	13.1	0.005	0.06	1.92	3.3	3.3	1.0	38.6	<0.01	0.05	1.8
ZZ86584		0.99	46.7	920	23.3	12.6	0.006	0.07	1.31	3.2	2.2	0.8	38.9	<0.01	0.05	2.6
ZZ86585		0.95	50.9	1020	26.5	19.1	0.003	0.07	1.89	2.8	2.8	1.0	36.1	<0.01	0.05	1.8
ZZ86586		1.46	42.8	1050	21.8	14.3	<0.001	0.05	1.36	3.9	2.4	2.0	49.6	<0.01	0.05	1.1
ZZ86587		1.55	51.5	930	22.9	20.2	<0.001	0.04	1.39	4.7	1.1	0.9	54.1	<0.01	0.05	1.8
ZZ86588		1.48	53.0	850	31.4	13.7	0.001	0.04	1.83	4.9	1.8	1.0	50.1	<0.01	0.07	1.9
ZZ86589		1.44	42.7	710	22.4	13.2	<0.001	0.04	1.16	4.8	1.4	1.3	46.1	<0.01	0.05	1.4
ZZ86590		1.74	48.8	640	25.0	13.8	<0.001	0.02	1.27	5.7	1.3	1.2	36.1	<0.01	0.05	3.3
ZZ86591		1.88	80.7	490	15.1	12.4	0.001	0.02	0.80	8.4	1.5	2.7	14.2	<0.01	0.05	3.7
ZZ86592		1.68	43.9	660	20.2	22.2	<0.001	0.03	0.93	4.6	1.2	1.1	54.3	<0.01	0.05	1.9
ZZ86593		2.18	143.5	1040	33.2	5.7	0.001	0.04	2.52	5.9	3.1	1.3	38.2	<0.01	0.08	2.9
ZZ86594		0.83	38.1	980	22.1	9.2	0.001	0.05	1.99	2.9	2.2	0.9	38.5	<0.01	0.05	1.5
ZZ86595		0.69	42.1	1010	27.3	12.4	0.003	0.02	2.22	3.8	1.5	0.9	77.6	<0.01	0.05	3.9
ZZ86596		1.03	46.9	1100	25.2	12.8	0.001	0.05	2.33	3.5	2.7	0.9	51.5	<0.01	0.06	2.2
ZZ86597		1.15	69.3	690	22.5	7.5	0.001	0.07	2.13	2.8	3.8	0.9	34.8	<0.01	0.06	1.6
ZZ86598		1.05	48.0	950	25.8	14.1	0.001	0.02	2.50	3.9	2.3	1.0	69.8	<0.01	0.05	3.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86559		0.060	0.27	0.96	74	2.49	11.75	147	2.0
ZZ86560		0.031	0.20	1.05	51	0.39	12.00	279	1.8
ZZ86561		0.039	0.24	1.34	39	0.25	9.67	130	8.5
ZZ86562		0.032	0.22	0.92	45	0.33	10.15	143	2.1
ZZ86563		0.039	0.25	1.01	44	0.63	10.75	120	3.1
ZZ86564		0.053	0.29	0.99	57	3.32	8.54	177	1.7
ZZ86565		0.034	0.25	0.99	62	1.30	9.44	208	1.8
ZZ86566		0.029	0.21	1.17	33	1.46	7.30	145	2.5
ZZ86567		0.028	0.17	1.36	39	1.64	6.74	128	1.4
ZZ86568		0.033	0.23	0.89	52	1.15	9.97	179	2.0
ZZ86569		0.028	0.22	2.49	38	3.51	6.71	372	1.2
ZZ86570		0.033	0.28	1.42	46	2.08	8.81	269	1.9
ZZ86571		0.034	0.26	1.35	47	3.38	7.72	299	1.8
ZZ86572		0.034	0.34	1.80	47	2.77	8.29	277	1.9
ZZ86573		0.035	0.29	1.15	41	3.12	7.96	263	1.6
ZZ86574		0.033	0.27	1.28	35	5.46	6.66	217	1.4
ZZ86575		0.030	0.34	1.70	40	2.87	8.23	325	1.5
ZZ86576		0.035	0.33	2.54	45	2.32	7.21	523	1.5
ZZ86577		0.033	0.28	1.43	43	4.11	6.88	387	1.5
ZZ86578		0.035	0.31	0.99	43	4.48	7.52	297	1.7
ZZ86579		0.030	0.27	1.11	37	2.65	6.63	235	1.8
ZZ86580		0.031	0.30	4.71	59	1.58	11.45	337	2.0
ZZ86581		0.021	0.19	7.03	35	1.33	5.76	211	1.5
ZZ86582		0.015	0.15	2.85	23	0.75	3.56	96	1.0
ZZ86583		0.036	0.29	2.61	56	1.88	9.99	334	1.9
ZZ86584		0.038	0.24	2.11	46	1.20	7.89	314	2.4
ZZ86585		0.034	0.31	2.48	46	2.06	8.74	350	2.0
ZZ86586		0.061	0.26	1.70	73	1.30	12.30	151	1.1
ZZ86587		0.074	0.35	1.15	62	2.24	10.55	150	1.4
ZZ86588		0.068	0.33	1.82	68	1.77	13.40	208	1.4
ZZ86589		0.065	0.27	0.98	68	2.95	10.95	119	0.8
ZZ86590		0.073	0.35	1.14	84	5.81	8.62	185	1.7
ZZ86591		0.108	0.28	0.75	85	0.67	11.20	106	2.9
ZZ86592		0.073	0.39	0.87	63	3.70	9.88	146	0.9
ZZ86593		0.102	0.45	1.61	92	2.29	15.45	543	2.5
ZZ86594		0.027	0.17	1.04	43	1.40	8.19	180	2.0
ZZ86595		0.034	0.29	0.92	43	2.22	9.49	179	5.9
ZZ86596		0.031	0.28	1.21	49	0.88	10.05	207	2.7
ZZ86597		0.025	0.21	1.46	52	2.29	9.58	221	2.1
ZZ86598		0.037	0.33	0.93	49	1.27	10.90	192	3.4

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86599		0.18	0.005	0.20	1.16	29.1	<0.2	<10	420	0.56	1.32	1.86	1.84	18.60	8.9	26
ZZ86600		0.33	0.005	0.39	1.21	29.4	<0.2	<10	450	0.56	1.23	2.45	2.18	20.4	10.1	28
ZZ86601		0.15	0.006	0.57	0.95	25.1	<0.2	<10	380	0.77	1.66	1.86	6.97	22.8	12.7	20
ZZ86602		0.22	0.007	0.31	0.44	33.1	0.2	<10	410	0.67	1.44	2.60	11.95	11.30	12.3	11
ZZ86603		0.40	0.010	0.40	1.19	96.7	<0.2	<10	350	0.92	3.05	2.26	3.95	21.2	12.5	26
ZZ86604		0.54	0.007	0.48	1.48	41.8	<0.2	<10	410	0.78	2.21	2.37	1.55	30.9	14.0	30
ZZ86605		0.49	0.006	0.32	1.13	25.1	<0.2	<10	210	0.53	1.58	2.27	0.95	24.3	9.3	24
ZZ86606		0.34	0.004	0.36	1.82	22.5	<0.2	<10	380	0.75	1.04	3.51	1.19	20.8	9.6	40
ZZ86607		0.48	0.011	0.38	1.37	33.3	<0.2	<10	300	0.63	1.86	3.99	1.41	24.5	11.1	30
ZZ86608		0.24	0.006	0.29	1.28	22.7	<0.2	<10	520	0.61	1.34	1.69	1.33	19.00	7.9	25
ZZ86609		0.27	0.004	0.43	3.06	22.8	<0.2	<10	590	1.22	1.80	1.04	0.61	34.2	27.8	98
ZZ86610		0.32	0.002	0.26	1.71	14.0	<0.2	<10	170	0.66	0.69	0.72	0.23	26.4	12.2	50
ZZ86611		0.43	0.006	0.41	1.50	20.1	<0.2	<10	300	0.62	2.76	9.01	0.71	16.60	9.3	37
ZZ86612		0.32	0.003	0.10	1.60	11.1	<0.2	<10	410	0.48	0.66	0.41	0.31	18.30	6.1	29
ZZ86613		0.32	0.010	0.14	2.27	29.5	<0.2	<10	340	1.16	1.44	1.37	1.18	33.6	15.4	52
ZZ86614		0.26	0.012	0.31	2.99	24.2	<0.2	<10	530	1.20	1.61	1.44	0.52	32.9	22.7	109
ZZ86615		0.45	0.006	0.41	1.32	22.0	<0.2	<10	400	0.53	2.23	6.38	1.00	14.85	9.4	34
ZZ86616		0.30	0.004	0.35	2.25	19.8	<0.2	<10	300	0.80	1.97	1.68	0.81	24.2	14.1	39
ZZ86617		0.15	0.006	0.39	1.06	33.4	<0.2	<10	600	0.56	1.90	2.05	2.30	16.95	12.7	25
ZZ86618		0.54	0.010	0.40	1.33	35.9	<0.2	<10	440	0.68	2.14	2.90	2.47	24.2	12.9	31
ZZ86619		0.15	0.005	0.28	0.95	27.6	<0.2	<10	810	0.50	1.64	2.71	4.24	13.55	12.1	21
ZZ86620		0.32	0.007	0.44	1.42	34.2	<0.2	<10	350	0.77	2.75	0.92	2.55	26.2	14.7	34
ZZ86621		0.22	0.005	0.32	1.01	31.7	<0.2	<10	420	0.54	2.03	2.10	3.18	15.65	14.8	23
ZZ86622		0.17	0.007	0.42	1.18	6.7	<0.2	<10	620	0.62	1.92	2.18	7.62	18.70	5.0	29
ZZ86623		0.19	0.007	0.39	1.41	21.8	<0.2	<10	420	0.56	1.88	1.76	1.10	19.80	9.4	32
ZZ86624		0.24	0.010	0.34	1.19	12.1	<0.2	<10	450	0.64	1.81	2.04	2.48	17.95	6.7	27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86599		0.85	24.1	2.50	3.50	<0.05	0.05	0.06	0.036	0.08	10.5	13.1	0.83	329	4.54	0.01
ZZ86600		1.51	41.0	2.52	3.76	0.06	0.05	0.08	0.038	0.11	11.4	12.9	1.23	467	3.71	0.02
ZZ86601		0.72	71.2	2.56	2.61	0.05	0.08	0.19	0.042	0.07	13.0	10.0	0.73	518	14.65	<0.01
ZZ86602		0.67	51.1	2.14	1.26	<0.05	0.09	0.14	0.033	0.06	5.8	3.4	0.39	728	42.6	0.01
ZZ86603		1.21	126.0	3.54	3.24	0.06	0.06	0.09	0.371	0.10	11.6	10.6	1.17	502	29.9	0.01
ZZ86604		1.53	53.2	3.40	4.48	0.07	0.10	0.09	0.042	0.13	16.6	16.6	1.61	620	5.11	0.01
ZZ86605		1.23	37.4	2.54	3.40	0.05	0.06	0.07	0.033	0.07	13.5	12.0	1.67	425	3.05	0.01
ZZ86606		2.97	30.2	2.83	5.98	0.05	0.02	0.05	0.036	0.08	11.5	17.7	2.56	418	2.92	0.05
ZZ86607		1.87	41.5	3.01	4.18	0.05	0.06	0.07	0.038	0.10	13.5	15.1	2.61	593	4.52	0.02
ZZ86608		0.87	27.3	2.44	3.74	<0.05	0.05	0.06	0.030	0.04	10.8	12.1	0.60	406	2.17	0.01
ZZ86609		4.51	33.2	3.90	7.93	0.06	0.06	0.06	0.039	0.08	17.4	29.1	1.30	785	3.07	0.09
ZZ86610		3.74	24.0	2.58	5.34	0.06	0.02	0.04	0.031	0.05	17.4	16.7	1.14	350	1.29	0.02
ZZ86611		4.02	33.0	2.34	4.53	<0.05	0.03	0.06	0.030	0.07	9.2	16.6	3.59	397	1.92	0.02
ZZ86612		2.78	9.1	2.24	5.79	<0.05	0.02	0.02	0.025	0.03	9.6	13.6	0.46	149	2.00	0.01
ZZ86613		2.97	34.7	3.56	6.11	0.06	0.06	0.05	0.044	0.08	16.2	18.2	1.43	492	3.33	0.03
ZZ86614		3.66	36.8	4.73	7.97	0.07	0.05	0.06	0.060	0.06	20.4	27.4	2.04	805	2.75	0.04
ZZ86615		2.79	28.2	2.56	3.90	<0.05	0.03	0.04	0.030	0.07	8.4	14.3	4.20	491	2.93	0.04
ZZ86616		4.11	27.1	3.80	9.08	0.06	0.02	0.07	0.040	0.07	15.7	23.2	1.51	370	2.74	0.03
ZZ86617		1.87	29.2	2.66	3.12	<0.05	0.06	0.09	0.033	0.07	9.0	11.9	0.64	599	4.75	0.02
ZZ86618		2.11	43.5	3.12	3.83	0.05	0.06	0.07	0.041	0.09	12.6	15.7	2.00	325	5.01	0.02
ZZ86619		1.65	36.6	2.74	2.80	<0.05	0.05	0.06	0.027	0.08	7.2	10.6	0.70	2450	5.24	0.02
ZZ86620		2.17	48.1	3.35	4.32	0.05	0.06	0.07	0.042	0.10	13.8	17.9	0.83	480	5.04	0.02
ZZ86621		1.56	35.3	3.08	2.90	<0.05	0.05	0.06	0.030	0.06	8.2	11.4	0.67	685	4.92	0.02
ZZ86622		1.99	44.8	1.21	3.44	0.05	0.06	0.09	0.033	0.07	10.0	14.0	0.75	176	2.31	0.02
ZZ86623		2.35	19.1	2.65	4.01	0.05	0.07	0.08	0.044	0.12	10.3	17.0	0.81	358	2.59	0.02
ZZ86624		1.95	42.5	1.83	3.40	<0.05	0.08	0.07	0.034	0.09	9.5	13.5	0.77	271	1.60	0.02

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86599		0.90	38.3	560	27.4	10.0	0.001	0.05	1.88	2.6	2.6	1.2	39.4	<0.01	0.05	1.4
ZZ86600		1.00	43.6	990	31.7	14.9	0.003	0.06	2.40	2.8	1.9	1.9	43.8	<0.01	0.06	1.6
ZZ86601		0.88	117.5	950	23.0	6.8	0.002	0.07	4.16	3.0	4.3	1.0	50.7	<0.01	0.11	2.3
ZZ86602		0.43	149.0	990	14.2	5.8	0.001	0.14	7.33	1.3	5.2	0.9	52.2	<0.01	0.06	0.8
ZZ86603		0.86	110.0	1460	24.3	9.4	0.003	0.09	4.37	3.0	4.5	1.1	66.7	<0.01	0.09	2.0
ZZ86604		1.02	50.6	1120	35.0	13.6	0.001	0.02	2.56	4.7	1.6	1.1	40.5	<0.01	0.06	4.1
ZZ86605		0.84	35.5	970	23.0	8.5	0.001	0.02	1.83	3.5	1.0	1.1	29.4	<0.01	0.05	3.2
ZZ86606		1.35	36.0	880	19.8	16.0	0.001	0.03	1.40	4.8	1.4	0.9	42.9	<0.01	0.05	2.2
ZZ86607		0.93	42.3	1090	26.9	12.7	<0.001	0.02	2.03	4.4	1.3	0.9	44.7	<0.01	0.05	3.3
ZZ86608		0.86	29.0	950	16.4	7.5	0.001	0.06	1.30	2.5	2.4	0.7	34.7	<0.01	0.04	1.1
ZZ86609		2.19	89.1	540	21.3	18.2	0.006	0.02	0.94	8.7	1.5	1.0	60.1	<0.01	0.04	5.1
ZZ86610		1.05	38.6	370	8.2	9.7	<0.001	0.02	0.68	7.2	1.0	1.0	15.9	<0.01	0.03	2.3
ZZ86611		1.27	39.6	670	23.7	20.5	0.001	0.03	1.20	3.5	1.1	1.2	84.1	<0.01	0.03	1.4
ZZ86612		1.28	18.9	240	13.5	13.6	<0.001	0.02	0.51	2.7	0.7	0.8	12.9	<0.01	0.03	2.0
ZZ86613		1.35	59.4	790	24.6	18.7	0.001	0.03	1.33	6.4	1.7	0.9	24.6	<0.01	0.06	4.2
ZZ86614		1.97	89.9	610	25.0	13.3	<0.001	0.03	0.95	9.8	1.3	1.7	23.5	<0.01	0.03	3.5
ZZ86615		1.09	38.9	1100	18.1	10.6	0.001	0.02	1.24	3.6	1.3	0.9	50.7	<0.01	0.02	1.7
ZZ86616		1.94	36.7	840	19.6	14.5	<0.001	0.04	0.86	4.5	1.6	1.1	25.4	<0.01	0.03	1.5
ZZ86617		0.85	38.7	1040	23.0	12.1	0.004	0.13	1.49	2.5	3.8	1.0	43.2	<0.01	0.03	1.4
ZZ86618		0.96	64.8	1070	29.9	12.6	0.002	0.03	2.00	3.5	1.7	0.9	36.5	<0.01	0.05	2.8
ZZ86619		0.65	58.9	1130	17.7	11.6	0.013	0.13	1.47	1.7	4.4	0.6	48.9	<0.01	0.03	0.7
ZZ86620		1.08	63.9	1070	31.0	15.4	0.003	0.04	1.95	3.8	2.0	1.0	29.3	<0.01	0.04	2.7
ZZ86621		0.82	55.6	990	20.9	9.3	0.004	0.10	1.82	2.1	2.6	0.7	40.1	<0.01	0.02	1.2
ZZ86622		0.88	58.9	1030	24.1	17.2	0.013	0.20	2.30	2.4	6.9	0.8	45.2	<0.01	0.01	1.3
ZZ86623		1.01	37.3	1080	28.7	15.2	0.008	0.09	1.28	3.0	2.3	1.0	46.1	<0.01	0.05	1.8
ZZ86624		0.94	48.7	940	25.1	12.6	0.010	0.17	1.57	2.7	2.8	0.8	45.1	<0.01	0.04	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86599		0.027	0.17	1.00	52	1.10	7.17	258	1.4
ZZ86600		0.032	0.30	1.16	64	1.42	8.92	210	1.8
ZZ86601		0.017	0.34	6.23	40	1.27	18.75	359	3.6
ZZ86602		0.011	0.66	2.05	32	0.66	13.60	487	4.0
ZZ86603		0.024	0.42	5.70	81	1.49	16.20	444	2.4
ZZ86604		0.037	0.28	0.88	57	1.11	11.95	217	3.9
ZZ86605		0.036	0.22	0.73	45	1.43	9.19	152	2.8
ZZ86606		0.057	0.27	1.11	71	0.69	10.95	177	1.0
ZZ86607		0.048	0.30	0.96	60	2.24	11.00	187	2.6
ZZ86608		0.025	0.12	1.54	49	1.10	7.55	106	1.4
ZZ86609		0.131	0.50	1.32	106	2.16	15.25	144	2.4
ZZ86610		0.084	0.46	0.76	54	0.36	13.75	69	0.8
ZZ86611		0.063	0.40	0.85	45	2.50	7.34	138	0.9
ZZ86612		0.032	0.24	0.54	62	0.79	2.49	114	0.7
ZZ86613		0.054	0.34	1.37	79	2.28	13.15	195	2.0
ZZ86614		0.101	0.33	0.90	106	2.71	21.8	130	1.7
ZZ86615		0.059	0.27	1.37	55	2.82	10.25	187	1.2
ZZ86616		0.084	0.30	1.38	99	7.37	20.9	176	0.8
ZZ86617		0.031	0.22	4.80	44	1.01	8.72	234	2.3
ZZ86618		0.040	0.28	1.48	56	3.83	10.80	343	2.4
ZZ86619		0.025	0.22	5.98	38	0.64	6.29	278	1.5
ZZ86620		0.045	0.26	1.87	58	1.61	11.65	307	2.4
ZZ86621		0.031	0.19	2.57	40	1.67	7.55	265	1.9
ZZ86622		0.035	0.29	6.13	46	1.45	9.52	292	2.3
ZZ86623		0.033	0.25	2.45	53	0.82	6.56	297	2.2
ZZ86624		0.031	0.26	4.94	45	0.72	8.81	256	2.6

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Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)

Applies to Method: ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-ICP21 ME-MS41

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

CERTIFICATE WH13141816

Project: RAV

P.O. No.: SO13-R1

This report is for 235 Soil samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86626	0.45	0.005	0.46	1.80	21.3	<0.2	<10	370	0.73	2.11	3.03	0.80	21.8	13.6	51
ZZ86627	0.11	0.015	0.08	0.21	1.1	<0.2	<10	700	0.06	0.08	4.62	1.58	1.64	0.8	2
ZZ86628	0.27	0.037	0.27	1.74	29.9	<0.2	<10	290	0.69	1.77	1.50	0.91	24.6	11.7	46
ZZ86629	0.21	0.003	0.48	1.55	18.8	<0.2	<10	650	0.52	1.41	2.99	1.32	15.25	11.4	44
ZZ86630	0.42	0.006	0.30	2.75	28.9	<0.2	<10	620	1.12	0.85	0.46	0.72	33.1	14.0	57
ZZ86631	0.37	0.003	0.30	2.13	26.1	<0.2	<10	300	0.74	1.16	0.51	1.26	29.5	13.0	56
ZZ86632	0.36	0.014	0.26	2.13	20.6	<0.2	<10	210	0.72	1.33	1.28	0.71	22.3	13.0	50
ZZ86633	0.30	0.014	0.34	0.99	44.5	<0.2	<10	320	0.46	2.26	1.99	2.99	24.8	11.4	21
ZZ86634	0.19	0.022	0.34	1.01	39.6	<0.2	<10	390	0.44	1.61	1.67	3.01	21.8	10.7	20
ZZ86635	0.57	0.008	0.23	1.12	31.8	<0.2	<10	320	0.52	1.25	3.42	0.92	22.6	9.6	21
ZZ86636	0.34	0.008	0.31	1.56	34.5	<0.2	<10	340	0.78	1.60	1.43	1.16	32.2	13.0	32
ZZ86637	0.42	0.006	0.47	1.41	24.2	<0.2	<10	300	0.65	1.41	4.85	1.49	18.10	9.0	32
ZZ86638	0.45	0.007	0.44	2.83	18.0	<0.2	<10	310	1.16	0.87	1.74	1.20	26.0	12.8	53
ZZ86639	0.29	0.006	0.46	1.25	44.1	<0.2	<10	290	0.60	1.68	1.73	2.20	26.9	12.4	25
ZZ86640	0.49	0.008	0.46	1.46	46.9	<0.2	<10	390	0.69	2.21	1.23	1.49	31.4	14.2	27
ZZ86641	0.44	0.008	0.48	1.53	53.6	<0.2	<10	580	0.75	2.40	2.10	1.72	33.0	15.7	28
ZZ86642	0.37	0.018	0.52	1.17	63.1	<0.2	<10	370	0.55	3.62	3.03	3.04	27.9	14.2	25
ZZ86643	0.30	0.007	0.30	0.90	32.1	<0.2	<10	340	0.42	1.80	3.53	2.95	21.9	10.2	18
ZZ86644	0.48	0.011	0.51	1.40	59.8	<0.2	<10	410	0.68	4.12	1.73	2.07	30.9	14.4	28
ZZ86645	0.36	0.008	0.50	1.45	45.3	<0.2	<10	520	0.66	2.03	1.53	2.40	28.1	14.2	27
ZZ86646	0.31	0.010	0.49	1.12	56.3	<0.2	<10	320	0.48	2.86	1.61	2.93	24.8	12.9	25
ZZ86647	0.38	0.015	0.48	1.17	80.7	<0.2	<10	340	0.57	3.15	2.59	3.08	29.5	15.1	23
ZZ86648	0.63	0.010	0.34	1.11	30.0	<0.2	<10	240	0.52	1.23	3.74	1.47	24.3	10.8	24
ZZ86649	0.24	0.007	0.45	0.91	42.7	<0.2	<10	260	0.41	1.67	1.50	4.88	21.1	10.6	21
ZZ86650	0.30	0.015	0.36	0.90	36.1	<0.2	<10	260	0.40	1.45	2.74	4.21	20.1	9.5	21
ZZ86651	0.21	0.009	0.35	0.90	38.1	<0.2	<10	260	0.39	1.76	2.06	4.04	23.4	10.2	20
ZZ86652	0.12	0.007	0.44	1.11	40.4	<0.2	<10	280	0.46	1.80	1.58	4.65	20.6	11.3	25
ZZ86653	0.35	0.009	0.23	1.36	51.7	<0.2	<10	330	0.54	1.97	0.52	1.72	29.8	13.5	25
ZZ86654	0.31	0.006	0.36	1.21	38.5	<0.2	<10	350	0.49	1.75	1.42	2.25	23.0	11.9	25
ZZ86655	0.20	0.117	0.27	1.91	20.3	<0.2	<10	710	0.70	1.55	1.84	0.97	20.0	12.0	41
ZZ86656	0.34	0.003	0.12	2.50	24.1	<0.2	<10	280	0.96	2.04	0.89	0.58	22.5	14.4	55
ZZ86657	0.27	0.003	0.43	1.77	23.3	<0.2	<10	400	0.67	1.53	1.97	1.94	17.55	11.0	45
ZZ86658	0.54	0.005	0.47	1.69	25.1	<0.2	<10	330	0.61	1.81	5.20	1.36	18.05	13.1	48
ZZ86659	0.19	0.014	0.37	1.12	29.5	<0.2	<10	400	0.44	1.67	1.49	4.20	22.2	9.1	25
ZZ86660	0.10	0.007	0.25	0.53	102.0	<0.2	<10	900	0.28	0.98	1.73	7.72	12.45	28.7	12
ZZ86661	0.09	0.004	0.37	0.96	43.3	<0.2	<10	430	0.46	1.45	1.80	4.70	16.15	8.9	21
ZZ86662	0.12	0.008	0.33	1.04	8.9	<0.2	<10	350	0.41	1.29	1.33	3.43	19.30	4.6	24
ZZ86663	0.32	0.006	0.32	1.16	18.4	<0.2	<10	390	0.53	1.39	3.30	2.27	20.7	10.5	28
ZZ86664	0.25	0.025	0.39	0.86	52.0	<0.2	<10	210	0.41	0.93	1.99	1.87	20.9	10.2	16
ZZ86665	0.41	0.020	0.29	0.94	61.6	<0.2	<10	180	0.41	0.91	2.60	0.72	21.3	22.5	16

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ86626		4.08	31.9	3.11	6.06	0.07	0.03	0.07	0.034	0.10	12.7	21.2	2.33	475	3.50	0.03
ZZ86627		0.21	8.5	0.19	0.53	<0.05	0.03	0.05	<0.005	0.01	0.9	0.5	0.31	877	1.98	<0.01
ZZ86628		2.87	28.3	3.27	5.54	0.06	0.03	0.06	0.046	0.06	14.4	16.5	1.47	581	3.88	0.03
ZZ86629		4.52	33.9	2.60	5.13	0.05	0.03	0.07	0.030	0.05	8.8	21.3	1.20	546	2.45	0.02
ZZ86630		2.91	53.6	3.62	7.46	0.07	0.05	0.07	0.042	0.06	18.2	19.4	1.08	763	3.54	0.03
ZZ86631		3.01	27.4	3.32	6.70	0.06	0.03	0.05	0.040	0.07	18.1	18.6	0.84	518	3.08	0.03
ZZ86632		4.13	22.5	3.41	7.18	0.05	0.03	0.04	0.039	0.06	13.6	22.1	1.45	560	2.60	0.04
ZZ86633		1.02	43.3	2.78	3.16	0.05	0.04	0.08	0.035	0.06	13.6	10.4	1.08	428	4.84	0.01
ZZ86634		0.86	39.6	2.61	2.94	<0.05	0.03	0.08	0.032	0.06	12.1	9.6	0.70	589	6.31	0.01
ZZ86635		1.04	30.4	2.61	3.45	0.05	0.04	0.05	0.031	0.07	12.8	12.2	1.63	437	2.63	0.01
ZZ86636		2.12	37.3	3.02	4.77	0.08	0.06	0.06	0.045	0.09	20.4	14.4	1.22	650	4.08	0.02
ZZ86637		2.52	50.8	2.47	4.70	0.07	0.04	0.10	0.039	0.07	10.5	15.5	3.03	477	3.54	0.05
ZZ86638		3.62	36.8	3.73	12.35	0.09	0.05	0.07	0.041	0.14	15.4	27.6	1.71	818	2.87	0.14
ZZ86639		1.46	50.6	2.91	3.96	0.06	0.06	0.10	0.039	0.13	14.9	12.9	0.97	477	5.13	0.01
ZZ86640		1.32	57.9	3.32	4.62	0.06	0.09	0.10	0.044	0.12	17.2	15.2	0.88	558	5.02	0.01
ZZ86641		1.47	66.9	3.63	4.79	0.07	0.08	0.11	0.053	0.15	18.6	15.7	1.29	632	8.66	0.01
ZZ86642		1.69	67.2	3.46	3.71	0.08	0.08	0.12	0.065	0.15	15.6	11.5	1.71	528	8.31	0.01
ZZ86643		0.98	40.1	2.45	2.88	0.05	0.08	0.08	0.033	0.09	12.1	10.5	1.69	468	8.61	0.01
ZZ86644		1.45	66.4	3.53	4.28	0.07	0.09	0.10	0.054	0.14	17.3	13.5	1.21	582	6.80	0.01
ZZ86645		1.27	61.8	3.31	4.39	0.06	0.07	0.11	0.044	0.13	15.7	13.3	0.85	627	4.54	0.01
ZZ86646		0.92	57.2	2.83	3.41	0.06	0.04	0.10	0.045	0.07	13.6	10.0	0.61	616	9.55	0.01
ZZ86647		1.67	72.3	3.69	3.57	0.06	0.15	0.12	0.055	0.17	16.3	10.2	1.64	631	11.20	0.01
ZZ86648		1.61	39.6	2.59	3.66	0.07	0.06	0.08	0.035	0.08	13.7	12.4	2.04	498	4.12	0.02
ZZ86649		1.01	47.4	2.53	2.83	0.06	0.03	0.09	0.033	0.07	11.8	8.5	0.54	519	7.29	0.01
ZZ86650		1.21	41.6	2.34	2.76	0.06	0.04	0.07	0.031	0.07	11.2	8.8	1.25	442	6.43	0.01
ZZ86651		1.08	40.9	2.39	2.90	0.06	0.03	0.08	0.030	0.07	13.0	9.0	0.98	370	6.71	0.01
ZZ86652		1.33	44.8	2.64	3.57	0.05	0.05	0.11	0.040	0.08	11.4	11.7	0.59	406	6.08	0.01
ZZ86653		1.27	30.8	3.18	4.15	0.05	0.03	0.05	0.042	0.08	16.0	12.2	0.53	620	6.87	0.01
ZZ86654		1.13	40.0	2.66	3.79	0.05	0.03	0.07	0.036	0.08	12.5	12.3	0.56	450	4.71	0.01
ZZ86655		2.77	20.9	2.81	6.22	<0.05	0.02	0.04	0.040	0.05	11.0	16.8	1.09	522	2.85	0.02
ZZ86656		3.99	26.3	3.36	7.66	0.05	0.04	0.04	0.040	0.07	12.3	18.9	1.21	422	3.08	0.02
ZZ86657		4.14	30.7	2.90	5.72	0.05	0.13	0.05	0.037	0.06	10.7	20.8	1.18	617	2.82	0.02
ZZ86658		6.36	38.4	2.93	5.81	0.08	0.04	0.08	0.038	0.15	10.3	18.7	3.29	381	3.72	0.05
ZZ86659		1.45	42.8	2.14	3.45	0.05	0.04	0.09	0.035	0.07	12.3	11.3	0.62	224	4.20	0.01
ZZ86660		0.73	21.6	14.65	1.74	0.06	0.03	0.05	0.018	0.04	6.7	4.5	0.32	4150	54.8	0.01
ZZ86661		1.34	42.8	3.25	2.94	<0.05	0.07	0.08	0.028	0.06	8.9	9.1	0.52	260	6.75	0.02
ZZ86662		0.97	40.6	1.57	2.81	0.10	0.05	0.08	0.031	0.06	10.1	10.4	0.52	349	1.98	0.01
ZZ86663		2.30	35.1	2.12	3.49	0.10	0.06	0.05	0.036	0.10	11.1	13.9	2.16	333	2.45	0.02
ZZ86664		0.92	52.3	2.76	2.42	0.11	0.03	0.07	0.030	0.09	12.2	8.1	0.81	402	3.20	0.01
ZZ86665		1.80	43.3	3.65	2.67	0.11	0.04	0.05	0.032	0.10	11.3	8.7	1.08	2090	2.12	0.01

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86626		1.65	56.1	910	20.2	24.0	<0.001	0.02	1.80	4.9	1.1	0.9	40.5	<0.01	0.05	2.7
ZZ86627		0.14	4.9	680	1.4	0.8	0.001	0.17	0.71	0.1	2.4	<0.2	75.2	<0.01	0.01	<0.2
ZZ86628		1.59	49.2	690	23.2	14.5	<0.001	0.02	1.70	4.7	1.5	1.0	25.8	<0.01	0.05	2.5
ZZ86629		1.58	45.2	800	19.1	16.9	0.001	0.08	1.55	3.0	2.1	0.9	53.1	<0.01	0.04	0.8
ZZ86630		1.85	59.2	860	19.5	16.2	<0.001	0.01	1.39	7.6	1.3	0.9	23.1	<0.01	0.06	5.3
ZZ86631		1.78	50.7	800	20.7	17.8	<0.001	0.01	1.24	6.1	1.1	1.0	20.4	<0.01	0.06	3.7
ZZ86632		2.49	48.1	560	19.8	15.5	<0.001	0.02	1.17	4.9	1.3	1.2	26.7	<0.01	0.05	2.5
ZZ86633		0.96	48.5	1080	19.5	8.8	0.004	0.03	2.29	2.7	2.6	0.8	31.8	<0.01	0.05	2.4
ZZ86634		0.91	47.1	1030	17.3	8.6	0.004	0.04	2.00	2.2	2.3	0.9	34.0	<0.01	0.05	1.6
ZZ86635		0.90	32.7	770	17.8	8.9	<0.001	0.01	1.66	3.1	0.8	0.7	43.9	<0.01	0.04	3.0
ZZ86636		1.20	46.6	940	23.8	17.0	<0.001	0.02	2.19	5.1	1.6	1.8	30.9	<0.01	0.05	3.9
ZZ86637		1.25	44.5	1160	18.2	14.3	<0.001	0.02	1.94	3.9	1.3	0.8	57.1	<0.01	0.05	2.1
ZZ86638		2.61	40.8	1530	19.7	12.7	<0.001	0.01	1.14	6.9	1.4	1.1	63.1	0.01	0.05	4.4
ZZ86639		1.15	48.1	1100	24.7	14.4	0.002	0.03	2.63	3.5	1.8	0.9	39.8	<0.01	0.06	3.2
ZZ86640		1.11	54.4	1020	29.8	13.4	<0.001	0.02	2.95	4.1	1.5	1.2	34.3	<0.01	0.07	4.2
ZZ86641		0.96	65.0	1100	33.5	13.9	0.001	0.01	3.70	4.6	1.6	1.3	46.7	<0.01	0.07	5.3
ZZ86642		1.05	65.6	1320	28.0	14.9	0.003	0.04	4.22	3.7	2.3	2.3	59.7	<0.01	0.09	4.6
ZZ86643		0.85	49.9	920	20.8	8.8	0.001	0.02	2.83	2.7	1.6	0.9	51.9	<0.01	0.05	3.0
ZZ86644		0.95	59.8	1160	28.8	13.4	<0.001	0.01	3.92	4.2	2.1	1.7	41.5	<0.01	0.09	4.8
ZZ86645		1.09	53.8	1060	29.4	13.1	<0.001	0.03	2.96	3.8	2.0	1.1	37.3	<0.01	0.07	3.2
ZZ86646		1.18	59.2	1190	19.9	10.1	0.003	0.05	3.70	2.8	3.9	1.6	47.8	<0.01	0.07	1.9
ZZ86647		0.92	69.7	1390	24.6	17.2	0.001	0.02	4.09	3.6	2.5	1.4	46.5	<0.01	0.09	5.1
ZZ86648		0.94	39.8	1070	23.3	11.3	<0.001	0.01	2.30	3.7	1.1	0.8	50.3	<0.01	0.05	3.6
ZZ86649		0.95	54.8	1000	16.2	13.1	0.009	0.07	2.32	2.2	4.8	0.9	41.4	<0.01	0.05	1.4
ZZ86650		0.96	49.8	1050	15.7	10.5	0.014	0.08	2.13	2.2	4.4	0.8	45.4	<0.01	0.06	1.7
ZZ86651		0.95	49.8	1030	16.4	10.8	0.010	0.06	2.32	2.2	3.7	0.8	39.5	<0.01	0.05	1.9
ZZ86652		1.16	53.6	970	19.2	14.9	0.014	0.09	2.20	2.6	5.2	0.9	43.7	<0.01	0.05	1.6
ZZ86653		1.12	45.0	800	22.7	13.8	0.001	0.01	1.72	3.1	1.3	0.9	20.8	<0.01	0.06	3.2
ZZ86654		1.11	52.5	900	18.7	14.6	0.002	0.04	1.82	2.6	2.2	0.8	33.7	<0.01	0.05	1.4
ZZ86655		1.71	42.9	510	21.0	15.6	<0.001	0.04	1.32	3.5	1.6	1.0	32.5	<0.01	0.04	1.1
ZZ86656		1.92	54.3	320	25.1	19.6	<0.001	0.02	1.74	5.2	0.9	1.2	19.1	<0.01	0.05	3.9
ZZ86657		1.83	47.3	600	30.7	28.3	<0.001	0.04	1.42	3.4	1.4	1.0	32.1	<0.01	0.04	1.0
ZZ86658		1.70	106.5	1190	21.8	30.1	0.002	0.02	1.55	4.7	1.4	1.9	60.6	<0.01	0.05	2.9
ZZ86659		1.20	71.1	1010	17.5	12.8	0.008	0.08	2.09	2.7	4.2	0.9	38.4	<0.01	0.06	1.9
ZZ86660		0.64	68.4	870	9.9	8.0	0.012	0.10	2.13	1.5	4.4	0.4	48.2	0.01	0.07	1.2
ZZ86661		1.08	58.2	990	15.8	9.8	0.029	0.27	2.17	2.4	5.1	0.8	44.7	<0.01	0.06	1.8
ZZ86662		0.86	36.6	930	15.2	6.6	0.009	0.14	1.30	2.7	2.8	0.6	35.1	<0.01	0.01	1.7
ZZ86663		0.92	55.1	900	21.8	15.3	0.007	0.06	1.61	3.3	2.6	0.9	40.9	<0.01	0.04	2.7
ZZ86664		0.93	36.4	1230	14.6	11.0	0.005	0.07	1.64	2.0	2.4	0.4	38.4	<0.01	0.04	1.4
ZZ86665		0.88	102.5	1170	13.2	14.1	0.001	0.05	1.43	2.9	1.4	0.5	37.1	<0.01	0.04	1.9

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Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ZZ86626		0.078	0.38	6.32	69	2.76	13.25	194	1.5
ZZ86627		0.005	0.09	7.13	3	<0.05	0.84	17	0.9
ZZ86628		0.064	0.33	1.54	82	5.24	14.15	175	1.4
ZZ86629		0.060	0.36	4.89	61	0.83	10.65	120	1.2
ZZ86630		0.068	0.32	1.54	101	0.52	18.10	134	2.2
ZZ86631		0.075	0.26	1.18	81	6.70	12.55	206	1.3
ZZ86632		0.087	0.40	1.02	79	2.78	12.85	172	1.2
ZZ86633		0.027	0.21	2.00	43	1.45	9.56	237	1.7
ZZ86634		0.024	0.17	3.33	42	1.52	8.52	253	1.3
ZZ86635		0.032	0.17	0.80	43	1.24	8.67	128	1.7
ZZ86636		0.046	0.30	1.37	65	1.08	20.3	157	2.6
ZZ86637		0.054	0.31	1.14	69	1.78	11.60	145	1.8
ZZ86638		0.099	0.24	1.64	111	0.51	17.95	173	2.9
ZZ86639		0.033	0.26	1.46	50	1.21	10.30	198	2.6
ZZ86640		0.030	0.27	1.01	55	0.87	11.20	197	3.7
ZZ86641		0.035	0.35	1.29	59	0.94	12.90	227	4.5
ZZ86642		0.037	0.46	1.20	55	0.74	10.65	257	5.1
ZZ86643		0.027	0.25	1.79	38	1.59	9.20	257	3.3
ZZ86644		0.033	0.36	1.06	62	0.68	11.45	249	4.4
ZZ86645		0.026	0.25	1.34	54	0.69	11.40	200	3.3
ZZ86646		0.026	0.26	3.61	61	0.64	10.60	265	1.8
ZZ86647		0.036	0.52	1.29	56	0.54	10.85	286	9.2
ZZ86648		0.041	0.28	0.90	48	2.84	11.15	159	3.0
ZZ86649		0.022	0.28	4.30	44	0.31	9.63	375	1.5
ZZ86650		0.025	0.26	4.14	43	3.01	8.85	313	1.6
ZZ86651		0.025	0.25	3.87	42	0.58	9.05	323	1.5
ZZ86652		0.027	0.29	3.43	46	0.41	9.17	414	1.8
ZZ86653		0.030	0.20	0.94	53	2.46	8.24	270	1.1
ZZ86654		0.030	0.20	1.49	47	0.63	9.09	298	1.3
ZZ86655		0.056	0.26	2.15	77	2.27	8.52	125	0.6
ZZ86656		0.071	0.43	0.85	82	1.85	8.83	162	1.9
ZZ86657		0.065	0.32	2.01	82	4.81	11.00	219	0.9
ZZ86658		0.088	0.43	1.18	70	0.99	10.70	579	1.8
ZZ86659		0.031	0.34	5.13	46	0.51	9.56	520	1.8
ZZ86660		0.015	0.21	3.81	34	0.87	6.71	473	1.2
ZZ86661		0.028	0.27	10.50	39	0.65	8.00	333	3.1
ZZ86662		0.028	0.19	3.48	40	0.27	8.68	314	1.8
ZZ86663		0.039	0.28	2.02	47	1.55	8.79	311	2.6
ZZ86664		0.021	0.17	2.56	31	0.13	8.82	202	1.4
ZZ86665		0.027	0.23	1.04	31	0.20	8.55	113	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86666		0.35	0.015	0.32	1.15	80.6	<0.2	<10	500	0.51	1.07	2.10	0.72	23.4	13.6	19
ZZ86667		0.31	0.084	0.48	1.13	71.4	<0.2	<10	310	0.51	1.19	1.60	3.39	24.4	13.7	19
ZZ86668		0.22	0.009	0.27	0.83	47.4	<0.2	<10	240	0.38	2.68	1.35	2.52	23.9	8.7	15
ZZ86669		0.54	0.022	0.38	1.17	66.4	<0.2	<10	320	0.54	1.57	1.44	0.79	26.4	11.9	19
ZZ86670		0.31	0.019	0.36	1.28	65.9	<0.2	<10	350	0.60	1.39	1.54	1.20	28.1	13.5	22
ZZ86671		0.36	0.047	0.27	1.09	76	<0.2	<10	430	0.33	3.56	11.70	1.17	16.45	11.6	35
ZZ86672		0.35	0.003	0.23	1.59	15.1	<0.2	<10	370	0.84	0.41	1.12	0.63	21.0	14.1	26
ZZ86673		0.28	0.005	0.27	1.61	18.2	<0.2	<10	430	0.86	0.49	1.82	0.70	22.8	13.9	28
ZZ86674		0.32	0.019	0.26	1.50	26.2	<0.2	<10	470	0.76	0.89	2.21	0.61	21.3	12.4	27
ZZ86675		0.48	0.004	0.24	1.40	25.0	<0.2	<10	530	0.73	0.76	3.23	0.81	21.6	12.2	25
ZZ86676		0.39	0.018	0.20	0.91	42.1	<0.2	<10	490	0.38	1.74	4.04	0.79	19.00	9.7	20
ZZ86677		0.44	0.008	0.21	0.95	49.1	<0.2	<10	460	0.35	1.66	5.88	1.02	17.70	9.6	22
ZZ86678		0.30	0.009	0.09	1.92	44.8	<0.2	<10	310	0.73	1.74	1.66	0.44	29.2	10.9	40
ZZ86679		0.40	0.012	0.21	2.05	50.9	<0.2	<10	320	0.93	1.93	1.16	0.64	34.4	12.9	42
ZZ86680		0.33	0.022	0.12	1.77	26.5	<0.2	<10	350	0.55	1.22	4.69	0.36	21.2	9.1	32
ZZ86681		0.31	0.011	0.21	2.03	64.2	<0.2	<10	460	0.77	3.00	0.63	0.39	29.2	13.1	39
ZZ86682		0.18	0.005	0.18	1.58	15.0	<0.2	<10	470	0.43	0.66	1.79	0.72	16.95	12.8	27
ZZ86683		0.22	0.007	0.36	1.45	33.1	<0.2	<10	560	0.59	0.75	1.52	0.92	23.4	13.8	28
ZZ86684		0.62	0.017	0.29	1.63	49.2	<0.2	<10	400	0.58	0.74	4.01	1.21	25.4	14.1	44
ZZ86685		0.41	0.008	0.39	1.62	38.7	<0.2	<10	670	0.59	0.96	1.72	1.06	25.9	15.0	38
ZZ86686		0.39	0.006	0.40	1.60	41.1	<0.2	<10	500	0.65	0.93	0.87	1.06	30.6	14.3	32
ZZ86687		0.28	0.007	0.42	1.39	37.1	<0.2	<10	360	0.57	2.20	1.72	1.08	21.5	11.1	34
ZZ86688		0.14	0.006	0.34	1.34	30.2	<0.2	<10	420	0.50	1.70	2.03	1.15	17.15	11.2	31
ZZ86689		0.24	0.014	0.27	1.19	39.8	<0.2	<10	340	0.46	1.64	2.63	1.28	18.45	9.7	28
ZZ86690		0.15	0.007	0.32	1.40	36.2	<0.2	<10	450	0.51	1.80	2.11	1.59	18.10	11.2	32
ZZ86691		0.13	0.004	0.26	1.50	35.2	<0.2	<10	490	0.50	1.77	2.22	1.20	15.30	11.4	29
ZZ86692		0.25	0.009	0.24	2.18	88.0	<0.2	<10	330	0.79	4.23	2.36	0.57	29.1	13.6	44
ZZ86693		0.34	0.009	0.29	2.16	68.1	<0.2	<10	350	0.68	9.58	2.07	0.46	27.9	10.7	38
ZZ86694		0.38	0.025	0.18	2.08	151.0	<0.2	<10	360	0.88	4.11	0.90	0.42	36.9	14.4	41
ZZ86695		0.30	0.047	0.38	2.31	71.5	<0.2	<10	370	0.96	2.16	1.65	0.64	35.5	16.0	48
ZZ86696		0.41	0.008	0.29	1.28	37.3	<0.2	<10	300	0.53	1.23	5.03	1.23	24.3	11.9	29
ZZ86697		0.44	0.008	0.40	1.39	46.1	<0.2	<10	390	0.58	1.07	1.78	1.41	28.2	14.3	32
ZZ86698		0.21	0.005	0.31	1.14	35.0	<0.2	<10	580	0.50	1.07	2.25	1.07	19.50	10.8	24
ZZ86699		0.24	0.009	0.40	1.52	47.6	<0.2	<10	430	0.64	1.14	1.39	1.38	29.3	16.4	37
ZZ86700		0.21	0.010	0.42	1.49	35.2	<0.2	<10	540	0.72	0.83	1.05	0.87	28.7	13.1	29
ZZ85501		0.20	0.007	0.41	1.40	31.9	<0.2	<10	410	0.68	1.30	2.46	1.77	24.5	11.7	28
ZZ85502		0.22	0.015	0.39	1.35	28.9	<0.2	<10	480	0.63	1.51	2.01	1.66	23.3	11.3	28
ZZ85503		0.22	0.015	0.40	1.25	26.2	<0.2	<10	430	0.54	1.26	2.71	2.06	21.6	10.3	27
ZZ85504		0.16	0.008	0.44	1.44	31.6	<0.2	<10	440	0.62	1.57	1.74	1.56	21.5	11.1	30
ZZ85505		0.30	0.010	0.43	1.37	32.5	<0.2	<10	490	0.69	1.33	1.60	1.87	25.3	12.8	30

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86666		0.89	59.6	3.60	3.09	0.05	0.05	0.07	0.036	0.10	12.7	12.4	0.96	634	2.61	0.01
ZZ86667		0.90	62.3	3.28	3.04	0.05	0.04	0.08	0.035	0.10	13.3	10.7	0.65	656	5.10	0.01
ZZ86668		0.69	45.3	2.77	2.28	0.05	0.04	0.05	0.034	0.07	12.6	8.1	0.48	677	5.25	0.01
ZZ86669		0.86	51.5	3.40	3.13	0.05	0.06	0.07	0.036	0.10	14.3	11.1	0.76	542	5.14	0.01
ZZ86670		0.96	54.8	3.56	3.38	0.05	0.06	0.08	0.038	0.12	14.9	12.0	0.87	629	8.94	0.01
ZZ86671		1.84	25.3	2.21	3.15	<0.05	0.03	0.03	0.034	0.07	8.7	11.2	3.54	372	1.13	0.01
ZZ86672		1.26	48.9	3.45	4.18	<0.05	0.09	0.10	0.029	0.16	10.8	23.4	0.66	564	1.49	0.01
ZZ86673		1.41	50.2	3.43	4.47	0.05	0.12	0.11	0.033	0.16	11.5	25.3	0.98	458	1.56	0.01
ZZ86674		1.34	41.6	3.14	4.26	<0.05	0.08	0.09	0.032	0.14	11.0	21.6	1.04	416	1.42	0.01
ZZ86675		1.36	41.1	3.03	3.99	<0.05	0.09	0.09	0.031	0.13	10.9	21.8	1.20	471	1.42	0.01
ZZ86676		0.83	28.4	2.13	2.70	<0.05	0.04	0.04	0.025	0.04	10.1	11.0	2.11	732	1.74	0.02
ZZ86677		1.29	25.9	2.31	2.73	0.05	0.04	0.04	0.027	0.08	9.4	11.6	2.68	740	1.83	0.02
ZZ86678		1.53	17.2	3.48	5.31	0.05	0.03	0.04	0.040	0.05	16.9	19.3	1.38	493	1.88	0.02
ZZ86679		2.43	20.2	3.77	5.50	0.06	0.02	0.04	0.049	0.06	17.6	17.6	1.08	1130	2.32	0.02
ZZ86680		1.86	11.5	2.72	5.11	<0.05	0.02	0.03	0.032	0.04	11.0	14.2	3.34	412	1.78	0.01
ZZ86681		1.61	22.7	3.48	5.57	0.05	0.04	0.05	0.044	0.05	15.5	18.6	0.78	527	1.93	0.01
ZZ86682		1.63	14.7	2.49	5.06	<0.05	0.02	0.04	0.028	0.05	8.2	14.0	0.59	1100	1.43	0.01
ZZ86683		1.03	46.9	3.13	3.87	<0.05	0.05	0.07	0.033	0.10	12.3	14.9	0.67	841	3.44	0.01
ZZ86684		2.00	54.9	3.59	4.27	0.06	0.11	0.07	0.036	0.18	13.4	14.7	2.24	612	4.25	0.02
ZZ86685		1.65	59.7	3.50	4.49	0.05	0.05	0.07	0.038	0.15	14.2	14.9	1.18	617	4.57	0.02
ZZ86686		1.14	61.8	3.58	4.52	0.05	0.06	0.08	0.045	0.14	16.8	17.8	0.78	579	5.05	0.01
ZZ86687		1.95	35.5	2.75	4.04	<0.05	0.04	0.05	0.053	0.10	11.7	14.2	1.29	417	4.38	0.02
ZZ86688		2.02	40.0	2.55	3.74	<0.05	0.03	0.06	0.040	0.10	9.1	14.5	0.69	642	3.21	0.02
ZZ86689		1.64	31.5	2.44	3.43	0.05	0.03	0.05	0.038	0.10	10.0	13.1	1.40	514	3.19	0.02
ZZ86690		1.89	40.9	2.56	3.86	<0.05	0.04	0.07	0.041	0.11	9.7	14.7	0.77	964	3.28	0.02
ZZ86691		2.02	29.1	2.43	4.09	<0.05	0.03	0.06	0.043	0.09	7.7	18.0	0.62	863	4.05	0.01
ZZ86692		2.08	20.0	3.65	5.43	0.05	0.03	0.05	0.044	0.06	19.2	16.5	1.81	685	2.01	0.02
ZZ86693		2.00	12.9	4.15	6.31	0.05	0.03	0.05	0.046	0.05	16.5	18.7	2.09	1720	2.07	0.01
ZZ86694		1.80	27.7	3.91	5.67	0.10	0.04	0.17	0.047	0.06	33.9	17.7	1.06	815	1.98	0.02
ZZ86695		2.50	21.4	4.44	6.20	0.05	0.02	0.06	0.064	0.05	18.3	19.9	1.30	1720	1.87	0.02
ZZ86696		1.85	49.8	2.98	3.51	0.05	0.09	0.06	0.033	0.11	13.0	14.6	2.67	539	3.66	0.02
ZZ86697		1.57	61.0	3.47	3.89	0.05	0.08	0.08	0.038	0.15	15.1	13.5	1.20	490	5.42	0.02
ZZ86698		0.93	32.7	2.55	3.40	<0.05	0.05	0.07	0.032	0.07	9.9	11.7	0.58	624	2.54	<0.01
ZZ86699		1.39	54.6	3.61	4.53	0.06	0.08	0.07	0.038	0.12	15.5	15.7	1.04	585	4.62	0.01
ZZ86700		1.07	47.7	3.29	4.30	0.06	0.07	0.07	0.037	0.10	15.0	16.5	0.69	673	3.33	<0.01
ZZ85501		1.52	40.5	2.97	4.22	0.06	0.05	0.06	0.044	0.12	12.8	15.4	1.57	478	3.92	0.01
ZZ85502		1.47	42.2	2.80	4.11	0.06	0.05	0.06	0.045	0.11	12.4	15.0	1.09	426	3.49	0.01
ZZ85503		1.40	39.5	2.64	3.73	0.06	0.05	0.06	0.039	0.10	11.4	13.4	1.39	414	3.52	0.01
ZZ85504		1.70	46.2	2.81	4.28	0.05	0.05	0.07	0.044	0.13	11.3	15.2	0.81	442	3.90	0.01
ZZ85505		1.37	50.6	2.94	4.28	0.06	0.06	0.08	0.041	0.11	13.4	15.2	0.90	804	4.04	0.01

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Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ86666		1.58	43.5	1070	17.9	10.7	0.001	0.06	2.08	3.0	1.3	0.6	33.1	<0.01	0.06	2.0
ZZ86667		1.44	51.7	1290	19.6	11.5	0.005	0.06	1.98	2.6	2.8	0.6	41.4	<0.01	0.06	1.8
ZZ86668		1.00	56.7	1280	13.9	7.5	0.009	0.06	1.74	2.1	3.3	0.5	35.1	<0.01	0.05	2.0
ZZ86669		1.45	44.8	1220	16.6	10.5	0.001	0.05	2.02	3.1	1.3	0.6	27.5	<0.01	0.05	2.5
ZZ86670		1.56	45.7	1170	20.9	11.4	0.002	0.04	2.79	3.5	2.4	0.8	28.7	<0.01	0.05	3.1
ZZ86671		1.34	41.5	750	29.8	10.5	0.001	0.07	0.88	3.0	0.7	0.6	108.5	<0.01	0.03	1.5
ZZ86672		0.69	40.6	730	18.8	12.0	<0.001	0.04	1.17	4.0	0.6	0.5	31.2	<0.01	0.05	3.0
ZZ86673		0.69	42.8	650	23.9	11.5	0.001	0.04	1.27	4.7	1.0	0.5	35.8	<0.01	0.06	3.9
ZZ86674		0.85	38.2	740	19.9	12.6	<0.001	0.04	1.12	4.2	1.0	0.5	37.9	<0.01	0.04	3.0
ZZ86675		0.86	37.1	720	20.3	11.4	0.001	0.04	1.08	4.2	1.3	0.5	54.4	<0.01	0.04	3.8
ZZ86676		1.03	30.7	950	19.7	5.9	0.001	0.06	1.08	2.5	1.2	0.4	42.5	<0.01	0.04	1.5
ZZ86677		1.14	29.6	920	18.8	10.6	0.001	0.04	1.04	2.7	1.0	0.4	61.0	<0.01	0.04	1.9
ZZ86678		1.62	35.7	740	24.7	9.8	<0.001	0.02	0.81	5.1	0.7	0.7	19.9	<0.01	0.04	2.6
ZZ86679		1.39	40.2	810	30.6	15.0	<0.001	0.03	0.92	5.0	1.1	0.7	20.9	<0.01	0.05	2.0
ZZ86680		1.52	23.9	380	19.2	10.7	<0.001	0.02	0.51	3.8	0.5	0.7	23.5	<0.01	0.04	2.0
ZZ86681		1.54	39.0	550	30.7	11.8	<0.001	0.02	0.89	5.0	0.9	0.8	16.7	<0.01	0.04	2.7
ZZ86682		1.49	22.0	850	14.8	10.7	<0.001	0.06	0.55	2.5	0.7	0.6	30.7	<0.01	0.02	1.0
ZZ86683		0.97	45.3	940	18.6	12.4	0.001	0.06	1.52	3.3	1.5	0.6	30.6	<0.01	0.05	1.8
ZZ86684		0.97	61.2	1240	19.4	16.6	<0.001	0.02	1.90	5.0	1.2	1.2	58.6	<0.01	0.06	4.1
ZZ86685		1.31	78.3	1060	20.2	14.4	<0.001	0.03	2.11	4.4	1.8	0.8	29.7	<0.01	0.05	2.7
ZZ86686		1.08	62.0	900	22.1	13.7	<0.001	0.02	1.95	4.5	1.4	0.8	22.7	<0.01	0.07	3.6
ZZ86687		1.27	45.7	1010	34.8	14.4	<0.001	0.03	1.84	3.5	1.2	1.5	28.5	<0.01	0.05	2.6
ZZ86688		1.14	44.1	870	26.7	16.0	0.004	0.11	1.66	2.6	2.6	1.2	40.7	<0.01	0.04	1.0
ZZ86689		1.14	38.3	980	25.3	16.5	0.002	0.06	1.44	2.5	1.2	1.0	37.5	<0.01	0.04	1.7
ZZ86690		1.25	45.5	900	26.6	16.2	0.002	0.10	1.57	2.8	2.0	1.2	41.6	<0.01	0.04	1.2
ZZ86691		1.15	37.4	710	25.4	16.4	0.001	0.09	1.33	2.4	1.6	1.3	42.6	<0.01	0.04	1.0
ZZ86692		2.16	39.8	850	34.1	12.5	<0.001	0.04	0.87	5.5	0.7	0.7	26.9	<0.01	0.04	2.2
ZZ86693		1.49	29.4	520	26.5	11.9	<0.001	0.02	0.81	5.1	0.8	0.9	18.9	<0.01	0.05	2.7
ZZ86694		1.48	44.4	560	49.3	13.6	<0.001	0.02	1.09	9.0	1.4	1.0	17.5	<0.01	0.05	4.5
ZZ86695		1.58	40.9	980	40.6	10.9	<0.001	0.04	0.79	5.3	1.1	0.9	25.8	<0.01	0.04	1.5
ZZ86696		0.74	48.7	1070	20.4	12.7	<0.001	0.01	1.92	4.0	0.9	0.7	58.8	<0.01	0.05	3.8
ZZ86697		1.23	65.8	1340	20.2	14.7	<0.001	0.03	2.33	4.0	1.5	0.7	32.4	<0.01	0.06	3.8
ZZ86698		0.94	37.2	1060	17.5	9.9	0.002	0.07	1.41	2.2	1.6	0.7	45.2	<0.01	0.06	0.9
ZZ86699		1.25	62.1	1270	20.3	12.3	<0.001	0.01	2.11	4.1	1.7	0.7	33.7	<0.01	0.07	3.4
ZZ86700		0.91	48.3	930	19.5	11.0	0.002	0.01	1.86	3.7	1.5	0.7	25.4	<0.01	0.07	2.6
ZZ85501		1.02	44.1	1040	27.1	13.6	0.001	0.01	2.25	3.3	1.4	1.2	36.2	<0.01	0.05	2.2
ZZ85502		1.03	46.8	980	27.5	13.1	0.001	0.03	2.41	3.0	1.6	1.3	34.2	<0.01	0.07	1.8
ZZ85503		0.94	44.4	1090	22.8	10.8	0.001	0.04	2.18	2.8	1.7	1.0	43.7	<0.01	0.07	1.6
ZZ85504		1.06	45.8	1070	25.1	15.8	0.003	0.05	2.32	3.0	1.4	1.2	36.3	<0.01	0.07	1.6
ZZ85505		1.06	49.1	1120	24.5	11.3	0.002	0.03	2.35	3.5	1.7	1.0	34.0	<0.01	0.06	2.4

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ86666		0.028	0.20	1.68	38	0.16	9.15	106	1.8
ZZ86667		0.024	0.22	4.58	42	0.21	9.77	290	1.6
ZZ86668		0.022	0.29	5.11	33	0.20	8.12	270	1.6
ZZ86669		0.028	0.20	1.77	40	0.18	9.29	133	2.0
ZZ86670		0.027	0.23	2.41	43	0.23	9.67	149	2.6
ZZ86671		0.062	0.18	1.09	33	1.14	7.69	347	1.1
ZZ86672		0.012	0.14	0.79	39	0.13	8.22	136	3.3
ZZ86673		0.012	0.15	0.83	42	0.21	9.10	158	4.7
ZZ86674		0.016	0.16	0.76	40	0.45	8.80	152	3.0
ZZ86675		0.017	0.15	0.71	37	0.40	8.54	145	3.7
ZZ86676		0.028	0.10	1.29	33	1.81	8.05	138	1.4
ZZ86677		0.038	0.17	1.00	35	2.45	7.60	148	1.5
ZZ86678		0.048	0.18	0.96	65	2.08	12.50	164	1.0
ZZ86679		0.046	0.19	1.22	66	1.27	13.65	255	0.6
ZZ86680		0.041	0.18	0.72	56	1.90	7.46	169	0.7
ZZ86681		0.036	0.18	0.87	66	2.34	10.50	152	1.1
ZZ86682		0.035	0.12	1.29	54	0.53	4.07	134	0.7
ZZ86683		0.024	0.16	1.50	50	0.48	9.40	156	2.1
ZZ86684		0.061	0.32	0.96	56	0.63	9.01	177	6.5
ZZ86685		0.043	0.49	1.57	65	0.80	10.50	196	2.2
ZZ86686		0.033	0.22	0.99	62	0.41	11.45	179	2.3
ZZ86687		0.045	0.30	1.02	70	6.91	9.31	233	1.8
ZZ86688		0.034	0.27	2.23	59	1.80	7.71	202	1.5
ZZ86689		0.036	0.25	1.42	57	4.34	7.33	211	1.5
ZZ86690		0.037	0.27	2.43	60	1.78	7.91	223	1.6
ZZ86691		0.028	0.28	2.57	62	2.32	5.27	213	1.4
ZZ86692		0.054	0.20	1.04	63	4.62	16.90	183	1.1
ZZ86693		0.049	0.25	1.16	75	2.81	13.25	157	1.1
ZZ86694		0.049	0.22	1.48	66	2.98	37.8	220	1.4
ZZ86695		0.053	0.23	1.24	76	0.99	15.60	222	0.5
ZZ86696		0.038	0.24	0.80	50	0.73	9.52	178	5.2
ZZ86697		0.036	0.27	1.03	59	0.47	10.05	229	3.8
ZZ86698		0.025	0.14	1.31	41	0.72	7.69	145	1.7
ZZ86699		0.039	0.26	1.23	56	0.43	10.45	185	3.1
ZZ86700		0.026	0.15	1.02	50	0.32	10.35	146	2.3
ZZ85501		0.036	0.25	1.01	57	1.08	9.64	190	1.9
ZZ85502		0.033	0.24	1.84	55	1.24	9.55	192	1.9
ZZ85503		0.031	0.21	1.48	53	0.72	9.23	189	2.1
ZZ85504		0.035	0.27	1.85	56	0.94	9.05	206	2.0
ZZ85505		0.035	0.22	1.31	56	0.66	10.45	187	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ85506		0.39	0.012	0.40	1.17	64.6	<0.2	<10	370	0.52	1.34	2.99	2.59	28.8	14.9	27
ZZ85507		0.29	0.009	0.44	1.50	40.8	<0.2	<10	430	0.67	1.61	1.67	1.23	25.7	13.3	32
ZZ85508		0.29	0.008	0.38	1.37	34.5	<0.2	<10	380	0.62	1.52	2.60	1.40	22.1	11.9	29
ZZ85509		0.21	0.006	0.44	1.48	18.9	<0.2	<10	440	0.70	1.82	2.02	1.53	25.4	11.7	32
ZZ85510		0.29	0.014	0.33	1.35	85.4	<0.2	<10	350	0.58	1.45	3.87	1.09	33.8	15.3	22
ZZ85511		0.35	0.014	0.45	1.72	60.7	<0.2	<10	530	0.63	1.09	4.24	1.56	29.8	19.1	47
ZZ85512		0.38	0.014	0.46	1.64	54.3	<0.2	<10	590	0.62	1.02	4.65	2.19	32.2	22.3	59
ZZ85513		0.40	0.009	0.30	1.32	58.7	<0.2	<10	420	0.57	1.74	4.86	1.46	27.7	13.2	31
ZZ85514		0.32	0.048	0.41	1.40	70.0	<0.2	<10	490	0.60	4.62	3.19	1.36	29.8	18.2	36
ZZ85515		0.26	0.016	0.37	1.45	64.3	<0.2	<10	440	0.57	1.50	1.54	1.15	30.4	16.5	37
ZZ85516		0.38	0.016	0.45	1.43	63.3	<0.2	<10	490	0.60	1.28	3.79	1.58	29.3	18.4	39
ZZ85517		0.22	0.008	0.45	1.55	52.6	<0.2	<10	410	0.68	2.54	2.41	1.58	24.0	12.2	35
ZZ85518		0.46	0.006	0.44	1.28	42.8	<0.2	<10	460	0.70	2.31	3.91	1.35	21.9	12.6	30
ZZ85519		0.17	0.009	0.48	1.49	42.9	<0.2	<10	470	0.65	2.04	2.13	2.12	22.0	12.7	33
ZZ85520		0.32	0.011	0.59	1.92	59.9	<0.2	<10	470	0.88	3.31	1.47	3.45	27.3	19.3	45
ZZ85521		0.26	0.011	0.42	1.34	26.1	<0.2	<10	540	0.60	1.96	2.85	2.19	23.6	13.4	31
ZZ85522		0.20	0.011	0.42	1.34	26.6	<0.2	<10	500	0.62	1.38	2.07	1.86	21.3	10.7	27
ZZ85523		0.32	0.014	0.49	1.41	34.7	<0.2	<10	410	0.71	1.19	2.65	2.09	23.0	12.3	34
ZZ85524		0.15	0.017	0.31	1.15	27.2	<0.2	<10	420	0.55	1.11	2.08	2.18	20.1	10.6	24
ZZ85525		0.24	0.025	0.36	1.25	31.6	<0.2	<10	310	0.60	1.44	2.56	1.30	24.0	9.8	27
ZZ85526		0.19	0.008	0.41	1.35	26.6	<0.2	<10	390	0.62	1.43	2.04	1.23	23.7	9.9	29
ZZ85527		0.17	0.014	0.43	1.42	34.6	<0.2	<10	460	0.64	1.47	1.94	1.63	24.0	11.9	30
ZZ85528		0.19	0.012	0.48	1.59	36.5	<0.2	<10	450	0.69	1.61	1.02	1.62	29.1	12.5	33
ZZ85529		0.31	0.007	0.58	1.49	41.2	<0.2	<10	360	0.69	1.77	2.79	1.64	23.3	12.5	32
ZZ85530		0.20	0.009	0.41	1.27	35.1	<0.2	<10	420	0.64	1.66	2.08	1.39	23.3	11.3	29
ZZ85531		0.20	0.016	0.44	1.41	37.5	<0.2	<10	410	0.63	1.69	2.22	1.60	23.4	13.0	30
ZZ85532		0.35	0.021	0.49	1.66	80.4	<0.2	<10	510	0.74	1.16	1.89	0.85	32.6	17.0	29
ZZ85533		0.33	0.011	0.40	1.31	48.9	<0.2	<10	440	0.62	0.82	1.02	0.56	27.4	12.7	24
ZZ85534		0.36	0.010	0.30	1.14	51.1	<0.2	<10	350	0.57	1.48	3.45	1.11	28.2	13.1	22
ZZ85535		0.31	0.019	0.32	1.14	37.1	<0.2	<10	450	0.59	1.26	1.52	0.94	24.9	11.8	21
ZZ85536		0.32	0.013	0.36	1.21	48.9	<0.2	<10	410	0.60	1.44	1.30	0.99	26.6	13.4	23
ZZ85537		0.25	0.007	0.57	0.99	20.7	<0.2	<10	610	0.57	0.53	3.15	1.90	20.7	8.4	18
ZZ85538		0.44	0.010	0.32	1.10	30.5	<0.2	<10	420	0.62	1.51	3.18	1.51	22.3	12.1	25
ZZ85539		0.25	0.009	0.31	0.91	52.3	<0.2	10	340	0.47	1.28	2.87	2.26	17.10	8.4	20
ZZ85540		0.47	0.008	0.37	1.05	25.9	<0.2	<10	480	0.56	2.13	4.32	1.63	20.4	8.6	25
ZZ85541		0.39	0.007	0.35	1.09	31.4	<0.2	<10	330	0.59	1.77	5.47	2.42	21.1	12.2	25
ZZ85542		0.43	0.009	0.32	1.09	26.8	<0.2	<10	380	0.55	1.83	4.40	2.10	20.9	10.4	25
ZZ85543		0.17	0.006	0.32	1.15	29.8	<0.2	<10	560	0.59	2.15	3.44	1.87	20.1	10.1	27
ZZ85544		0.15	0.008	0.39	1.15	36.0	<0.2	<10	380	0.72	2.01	3.29	2.71	22.7	12.2	26
ZZ85545		0.24	0.009	0.33	1.10	31.7	<0.2	<10	540	0.62	1.50	3.13	1.75	21.9	10.5	26

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Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ85506		1.50	67.0	3.55	3.60	0.07	0.08	0.07	0.045	0.20	15.6	11.5	1.60	513	8.23	<0.01
ZZ85507		1.65	49.4	3.26	4.48	0.06	0.05	0.06	0.043	0.13	13.6	15.5	1.02	414	5.13	0.01
ZZ85508		1.84	35.8	2.77	4.28	0.05	0.05	0.10	0.044	0.11	11.8	15.2	1.67	513	3.27	0.02
ZZ85509		1.69	45.8	2.56	4.45	0.05	0.05	0.07	0.046	0.12	13.4	15.8	1.31	477	2.39	0.01
ZZ85510		1.54	65.8	3.75	3.79	0.07	0.06	0.04	0.032	0.28	17.8	10.5	1.54	614	4.67	<0.01
ZZ85511		2.00	78.5	4.34	5.39	0.07	0.15	0.03	0.041	0.26	16.2	15.4	1.83	614	5.87	0.01
ZZ85512		2.30	82.4	4.22	5.41	0.08	0.08	0.05	0.048	0.29	17.7	16.0	1.95	637	8.08	<0.01
ZZ85513		1.98	48.1	3.32	4.03	0.06	0.07	0.06	0.036	0.19	14.6	15.0	2.19	510	4.31	0.01
ZZ85514		1.60	67.3	3.79	4.27	0.07	0.09	0.06	0.040	0.21	15.9	13.6	1.82	587	5.04	<0.01
ZZ85515		1.57	52.8	3.76	4.46	0.08	0.07	0.06	0.038	0.17	16.2	14.3	1.01	671	4.99	<0.01
ZZ85516		1.90	70.5	3.81	4.41	0.06	0.09	0.05	0.040	0.23	15.8	14.2	1.66	681	5.23	0.01
ZZ85517		1.94	48.5	3.33	4.67	0.06	0.06	0.07	0.043	0.14	12.8	17.2	1.68	1060	3.84	0.03
ZZ85518		2.43	41.1	2.96	4.06	0.06	0.06	0.05	0.036	0.14	11.4	16.5	2.64	254	5.80	0.03
ZZ85519		2.10	55.7	3.25	4.42	0.05	0.07	0.08	0.041	0.18	11.7	15.9	1.03	429	4.80	0.02
ZZ85520		3.44	62.5	4.57	6.10	0.07	0.07	0.08	0.059	0.21	14.5	23.3	1.26	1520	13.65	0.01
ZZ85521		2.03	45.7	2.54	4.10	0.05	0.07	0.07	0.039	0.13	12.4	16.0	1.87	883	4.36	0.01
ZZ85522		1.38	44.6	2.62	4.04	0.06	0.05	0.06	0.039	0.10	11.5	14.6	0.84	424	2.69	0.01
ZZ85523		1.82	48.1	2.89	4.59	0.07	0.05	0.08	0.041	0.12	12.4	15.2	1.64	524	5.52	0.02
ZZ85524		1.42	36.1	2.47	3.55	0.05	0.04	0.07	0.036	0.10	10.6	12.7	1.10	1240	4.81	0.01
ZZ85525		1.65	37.1	2.66	3.97	0.06	0.05	0.06	0.042	0.10	12.5	14.6	1.74	215	4.05	0.01
ZZ85526		1.62	39.8	2.61	4.11	0.06	0.05	0.06	0.043	0.11	12.6	14.9	1.30	300	3.10	0.01
ZZ85527		1.58	42.5	3.00	4.29	0.05	0.05	0.07	0.042	0.13	12.6	15.1	0.97	472	4.00	0.01
ZZ85528		1.58	56.7	3.05	4.71	0.07	0.06	0.08	0.047	0.15	15.5	17.8	0.78	156	4.60	0.01
ZZ85529		2.20	47.6	3.09	4.73	0.06	0.05	0.09	0.040	0.11	12.5	15.5	1.84	537	4.48	0.01
ZZ85530		1.49	48.4	2.83	3.76	0.05	0.04	0.06	0.037	0.10	12.3	13.4	1.17	507	3.45	0.01
ZZ85531		1.51	44.1	2.97	4.25	0.06	0.05	0.07	0.044	0.12	12.2	15.0	1.26	653	3.44	0.01
ZZ85532		1.33	67.2	3.98	4.99	0.07	0.05	0.05	0.041	0.18	17.8	13.9	1.07	599	4.44	<0.01
ZZ85533		0.82	51.5	3.15	3.89	0.05	0.05	0.07	0.030	0.08	14.6	15.0	0.65	538	2.36	<0.01
ZZ85534		1.28	47.5	3.03	3.48	0.06	0.06	0.06	0.033	0.12	14.6	13.6	1.71	544	3.36	<0.01
ZZ85535		0.83	43.7	2.78	3.43	0.05	0.05	0.07	0.031	0.08	13.0	13.6	0.71	637	2.39	<0.01
ZZ85536		0.96	50.8	3.07	3.69	0.06	0.06	0.09	0.035	0.09	13.9	13.9	0.60	438	3.29	<0.01
ZZ85537		0.75	60.8	2.45	2.79	0.06	0.08	0.09	0.033	0.14	11.3	9.3	1.01	267	3.46	<0.01
ZZ85538		1.63	32.0	2.82	3.50	0.07	0.05	0.06	0.036	0.08	11.7	14.8	2.24	474	3.53	0.01
ZZ85539		2.08	41.4	2.75	2.70	0.06	0.05	0.07	0.029	0.10	9.0	13.5	1.43	397	3.71	0.02
ZZ85540		2.01	41.4	2.39	3.26	0.07	0.05	0.06	0.036	0.08	10.8	13.9	3.05	586	4.96	0.01
ZZ85541		2.46	37.7	2.73	3.51	0.05	0.05	0.06	0.038	0.08	10.9	15.8	3.88	417	5.22	0.02
ZZ85542		2.54	37.4	2.53	3.50	0.06	0.05	0.07	0.033	0.08	11.0	15.0	2.95	426	4.09	0.01
ZZ85543		2.18	35.2	2.68	3.59	0.07	0.05	0.08	0.034	0.08	10.5	15.1	1.65	361	3.66	<0.01
ZZ85544		2.19	45.4	2.83	3.65	0.07	0.06	0.08	0.036	0.07	12.0	15.4	2.35	507	5.95	<0.01
ZZ85545		1.59	39.3	2.79	3.44	0.06	0.06	0.10	0.036	0.06	11.6	13.9	2.19	469	5.42	0.01

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ85506	1.02	73.8	1550	19.8	15.5	0.002	0.01	3.02	3.5	1.8	1.0	56.4	<0.01	0.07	4.2
ZZ85507	1.09	52.3	1140	27.4	15.2	0.001	0.03	2.40	3.4	1.6	1.2	34.6	<0.01	0.07	2.0
ZZ85508	1.13	43.8	1080	23.6	14.5	0.002	0.02	1.93	3.3	1.4	1.1	38.0	<0.01	0.04	2.2
ZZ85509	1.13	46.4	1080	30.4	15.2	0.001	0.02	2.27	3.5	1.6	1.4	33.7	<0.01	0.05	2.3
ZZ85510	0.57	49.7	1530	15.6	18.5	0.001	<0.01	2.35	3.3	1.3	0.8	53.4	<0.01	0.09	5.2
ZZ85511	0.42	85.4	1970	15.9	17.1	0.001	0.01	2.71	5.3	1.9	0.8	79.7	<0.01	0.08	5.2
ZZ85512	0.72	104.0	1930	21.1	20.1	0.002	0.01	2.75	5.9	2.1	1.0	81.7	<0.01	0.08	4.3
ZZ85513	1.15	50.2	1150	20.9	16.5	0.001	0.01	2.19	4.1	1.2	0.9	72.4	<0.01	0.05	3.9
ZZ85514	1.18	73.7	1590	19.4	15.8	0.001	0.01	2.32	4.2	1.9	0.8	55.7	<0.01	0.07	3.4
ZZ85515	1.30	64.0	1630	19.4	13.9	0.002	0.02	2.16	4.3	1.6	0.8	40.9	<0.01	0.07	3.0
ZZ85516	1.19	79.0	1600	20.2	17.6	0.002	0.04	2.41	4.3	2.2	0.8	96.2	<0.01	0.07	3.3
ZZ85517	1.17	52.8	1120	27.6	13.4	0.001	0.03	2.11	3.8	1.4	1.4	47.8	<0.01	0.05	2.6
ZZ85518	1.11	56.8	1210	23.3	18.6	0.005	0.05	2.29	3.4	2.2	1.0	151.0	<0.01	0.06	2.8
ZZ85519	1.12	58.6	1160	24.3	19.4	0.008	0.10	2.61	3.4	2.1	1.2	51.2	<0.01	0.06	2.1
ZZ85520	1.37	92.6	1180	34.9	28.0	0.006	0.06	3.32	4.8	2.3	1.9	67.4	<0.01	0.09	3.0
ZZ85521	1.08	60.3	1060	23.0	15.5	0.005	0.06	2.20	3.5	2.0	1.1	60.8	<0.01	0.05	2.8
ZZ85522	1.00	46.1	970	26.6	13.5	0.001	0.05	2.31	2.7	1.6	1.2	38.8	<0.01	0.05	1.3
ZZ85523	1.13	55.3	1120	24.2	16.6	0.001	0.02	2.53	3.6	1.9	1.1	47.2	<0.01	0.06	2.1
ZZ85524	0.89	41.6	940	20.9	11.2	0.003	0.04	1.90	2.5	1.8	1.0	35.3	<0.01	0.05	1.7
ZZ85525	0.98	40.5	1030	26.9	13.3	0.002	0.01	2.25	3.0	1.4	1.4	35.5	<0.01	0.05	2.4
ZZ85526	1.04	41.3	1100	26.9	13.0	0.003	0.03	2.22	3.2	1.5	1.1	33.6	<0.01	0.06	2.2
ZZ85527	1.03	45.4	1160	26.2	15.3	0.003	0.04	2.26	3.1	1.4	1.1	39.2	<0.01	0.05	1.8
ZZ85528	1.18	54.0	1230	26.5	15.7	0.003	0.03	2.45	4.0	1.9	1.3	37.2	<0.01	0.08	2.9
ZZ85529	1.32	50.1	1090	23.7	16.9	<0.001	0.02	2.10	3.9	1.6	1.1	42.3	<0.01	0.05	2.2
ZZ85530	0.97	44.8	1110	28.4	11.8	0.002	0.03	2.19	3.0	1.7	1.1	34.4	<0.01	0.05	2.0
ZZ85531	0.99	46.4	1100	30.5	14.1	0.001	0.04	2.15	3.2	1.5	1.1	36.2	<0.01	0.07	1.8
ZZ85532	0.96	55.0	1220	19.0	14.6	0.001	0.01	2.29	4.1	1.2	0.9	33.8	<0.01	0.07	3.2
ZZ85533	0.78	42.5	1130	16.6	9.3	0.001	0.01	1.75	3.5	1.3	0.5	29.0	<0.01	0.05	2.4
ZZ85534	0.94	46.4	1000	21.7	11.6	0.001	<0.01	1.92	3.5	0.9	0.7	53.0	<0.01	0.05	3.6
ZZ85535	0.84	40.3	920	20.6	8.9	0.001	0.01	1.78	3.0	1.0	0.6	36.4	<0.01	0.04	2.0
ZZ85536	1.01	46.0	1100	22.8	10.1	0.002	0.02	1.88	3.3	1.2	0.7	61.6	<0.01	0.05	2.4
ZZ85537	0.71	43.1	1160	19.9	9.4	0.005	0.08	2.73	2.2	3.4	0.4	95.3	<0.01	0.05	1.3
ZZ85538	0.90	47.7	1010	27.0	9.8	0.001	0.01	1.66	3.1	1.5	2.3	46.0	<0.01	0.04	2.5
ZZ85539	0.86	39.9	930	18.2	15.5	0.007	0.13	1.94	2.5	3.2	0.6	288	<0.01	0.03	2.0
ZZ85540	0.95	58.8	970	24.1	10.3	0.003	0.02	1.92	2.7	1.5	0.9	85.1	<0.01	0.06	2.7
ZZ85541	1.02	57.4	950	24.9	12.1	0.002	0.02	1.94	2.9	1.7	1.0	101.0	<0.01	0.03	2.5
ZZ85542	1.01	53.3	870	24.5	14.9	0.003	0.01	1.93	2.9	1.8	0.9	45.6	<0.01	0.05	2.6
ZZ85543	1.01	51.6	790	25.7	14.3	0.005	0.05	1.84	2.7	2.5	0.9	47.5	<0.01	0.05	1.8
ZZ85544	0.98	64.4	930	28.2	11.7	0.002	0.01	2.04	3.2	1.8	0.9	40.1	<0.01	0.05	2.7
ZZ85545	0.94	51.5	1070	23.7	9.5	0.002	0.01	2.02	3.0	1.7	0.7	38.5	<0.01	0.05	2.9

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	ME-MS41 Ti	ME-MS41 Tl	ME-MS41 U	ME-MS41 V	ME-MS41 W	ME-MS41 Y	ME-MS41 Zn	ME-MS41 Zr
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85506	0.032	0.39	1.51	53	0.42	10.45	261	4.5
ZZ85507	0.037	0.25	1.53	60	1.14	9.96	189	1.9
ZZ85508	0.042	0.25	1.22	56	1.11	9.18	183	1.8
ZZ85509	0.039	0.24	1.45	60	1.67	10.25	200	2.2
ZZ85510	0.028	0.24	1.26	44	0.18	9.19	147	5.1
ZZ85511	0.045	0.28	1.66	69	0.14	11.75	238	9.9
ZZ85512	0.040	0.31	1.69	76	0.15	12.25	266	5.2
ZZ85513	0.041	0.28	1.07	47	0.62	8.96	163	3.7
ZZ85514	0.031	0.24	1.55	54	0.23	10.60	175	4.1
ZZ85515	0.033	0.23	2.16	54	0.35	10.20	167	3.0
ZZ85516	0.032	0.26	2.65	56	0.23	10.55	198	3.9
ZZ85517	0.045	0.27	1.27	61	2.42	9.56	221	2.3
ZZ85518	0.041	0.32	3.56	57	2.43	9.63	248	2.7
ZZ85519	0.034	0.30	2.73	56	2.92	8.77	233	3.0
ZZ85520	0.050	0.57	4.17	77	2.85	11.10	361	2.8
ZZ85521	0.040	0.35	2.35	55	1.50	9.63	253	2.9
ZZ85522	0.031	0.21	1.79	56	0.97	9.32	186	1.8
ZZ85523	0.041	0.29	1.26	71	0.75	11.45	212	2.0
ZZ85524	0.032	0.23	1.33	49	1.16	7.60	168	1.6
ZZ85525	0.034	0.24	0.98	53	1.36	9.30	184	2.1
ZZ85526	0.036	0.24	1.44	56	1.78	9.56	185	2.1
ZZ85527	0.034	0.25	1.30	57	0.77	9.29	206	2.0
ZZ85528	0.039	0.25	2.52	64	0.74	11.10	218	2.5
ZZ85529	0.042	0.29	1.47	65	1.17	10.55	189	1.8
ZZ85530	0.033	0.24	1.32	56	1.25	10.10	180	2.1
ZZ85531	0.034	0.25	1.25	57	0.92	9.88	189	2.1
ZZ85532	0.026	0.21	1.40	53	0.16	11.15	156	2.5
ZZ85533	0.024	0.14	1.16	42	0.26	9.84	125	1.7
ZZ85534	0.030	0.24	0.86	40	0.68	9.03	148	2.6
ZZ85535	0.022	0.14	1.34	39	0.73	8.97	123	2.0
ZZ85536	0.023	0.15	3.22	41	0.49	9.59	145	2.4
ZZ85537	0.015	0.14	6.55	36	0.11	9.33	146	2.8
ZZ85538	0.033	0.24	2.13	46	1.36	9.51	245	2.0
ZZ85539	0.026	0.25	3.74	36	0.73	7.60	159	2.6
ZZ85540	0.036	0.29	1.63	47	2.20	9.30	316	2.6
ZZ85541	0.038	0.33	1.30	43	3.90	9.32	249	2.2
ZZ85542	0.039	0.32	1.15	43	2.31	8.91	254	2.2
ZZ85543	0.032	0.29	2.44	45	1.35	8.47	277	2.1
ZZ85544	0.037	0.29	1.24	46	2.38	10.05	302	2.4
ZZ85545	0.034	0.24	1.09	52	2.43	9.59	247	2.5

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Finalized Date: 24- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ85546		0.35	0.012	0.37	0.98	27.2	<0.2	<10	780	0.52	2.17	5.26	2.20	19.05	9.5	23
ZZ85547		0.32	0.006	0.27	0.90	32.9	<0.2	<10	320	0.44	1.26	2.67	1.43	20.3	10.9	20
ZZ85548		0.28	0.012	0.24	0.90	29.9	<0.2	<10	310	0.45	1.23	2.46	1.34	19.40	9.8	19
ZZ85549		0.34	0.008	0.36	1.31	44.9	<0.2	<10	380	0.67	1.72	1.69	1.34	29.7	12.8	26
ZZ85550		0.20	0.012	0.23	0.75	29.9	<0.2	<10	230	0.39	1.21	6.14	1.24	19.05	9.2	16
ZZ85551		0.29	0.092	0.37	1.10	30.7	<0.2	<10	510	0.59	1.98	4.29	3.33	19.85	10.3	25
ZZ85552		0.35	0.094	0.24	1.27	89.1	<0.2	<10	280	0.54	2.79	2.91	0.90	33.5	12.7	19
ZZ85553		0.40	0.027	0.27	1.52	114.5	<0.2	<10	350	0.69	1.97	3.23	0.83	42.5	17.1	20
ZZ85554		0.16	0.010	0.32	1.24	85.9	<0.2	<10	300	0.64	1.66	0.97	0.55	30.5	13.3	21
ZZ85555		0.27	0.021	0.42	1.22	38.9	<0.2	<10	520	0.63	2.14	1.80	2.17	21.1	13.7	27
ZZ85556		0.12	0.012	0.46	1.55	39.4	<0.2	<10	530	0.70	1.97	2.41	1.79	27.3	16.8	35
ZZ85557		0.24	0.010	0.38	0.83	17.2	<0.2	<10	540	0.38	0.79	3.49	2.00	12.55	8.1	19
ZZ85558		0.15	0.007	0.34	1.25	30.4	<0.2	<10	490	0.58	1.81	2.35	1.58	19.05	9.2	26
ZZ85559		0.18	0.011	0.38	1.32	28.4	<0.2	<10	400	0.60	1.84	2.18	1.23	20.9	10.4	29
ZZ85560		0.19	0.009	0.40	1.36	39.0	<0.2	<10	400	0.63	1.84	2.50	1.52	20.9	9.3	29
ZZ85561		0.20	0.011	0.42	1.30	23.7	<0.2	<10	420	0.63	1.88	2.74	1.92	20.6	9.5	27
ZZ85562		0.13	0.004	0.43	1.28	29.3	<0.2	<10	450	0.62	1.69	1.94	4.36	19.55	10.4	27
ZZ85563		0.23	0.011	0.44	1.42	32.9	<0.2	<10	460	0.68	1.80	1.47	1.05	22.9	11.7	30
ZZ85564		0.15	0.008	0.43	1.45	34.1	<0.2	<10	450	0.66	1.74	1.55	2.00	21.1	11.5	29
ZZ85565		0.13	0.008	0.33	1.18	26.1	<0.2	<10	480	0.52	1.38	1.95	1.89	16.95	8.7	24
ZZ85566		0.25	0.025	0.30	1.16	29.4	<0.2	<10	360	0.52	1.30	1.95	1.64	24.1	8.7	25
ZZ85567		0.22	0.016	0.45	1.39	65.2	<0.2	<10	470	0.66	1.96	2.02	1.64	26.7	14.8	28
ZZ85568		0.17	0.010	0.49	1.49	46.3	<0.2	<10	490	0.75	2.03	1.81	2.31	25.5	13.7	31
ZZ85569		0.14	0.008	0.40	1.32	32.2	<0.2	<10	400	0.58	1.67	1.95	1.84	22.4	12.2	29
ZZ85570		0.26	0.010	0.43	1.49	36.7	<0.2	<10	510	0.73	1.51	1.35	1.57	24.7	12.7	32
ZZ85571		0.21	0.013	0.33	1.23	35.7	<0.2	<10	350	0.53	1.58	1.53	1.29	24.6	11.3	27
ZZ85572		0.14	0.014	0.32	1.19	34.2	<0.2	<10	590	0.56	1.31	2.28	1.35	18.50	10.6	22
ZZ85573		0.14	0.012	0.36	1.15	32.1	<0.2	<10	570	0.54	1.40	2.25	1.15	20.2	10.3	22
ZZ85574		0.20	0.012	0.31	0.98	29.7	<0.2	<10	390	0.45	1.25	2.91	1.07	21.6	9.1	21
ZZ85575		0.27	0.011	0.39	1.42	37.3	<0.2	<10	350	0.68	1.71	2.07	1.36	28.7	11.4	28
ZZ85576		0.28	0.008	0.37	1.16	27.0	<0.2	<10	610	0.64	1.92	3.96	1.91	24.2	11.1	26
ZZ85577		0.24	0.008	0.38	1.13	29.4	<0.2	<10	690	0.64	1.47	4.02	2.18	25.5	12.6	25
ZZ85578		0.22	0.015	0.38	1.15	39.0	<0.2	<10	520	0.65	2.15	2.88	3.12	22.2	13.7	25
ZZ85579		0.35	0.013	0.43	1.24	36.1	<0.2	<10	540	0.72	1.81	3.18	2.66	26.3	12.9	28
ZZ85580		0.23	0.008	0.33	1.04	27.5	<0.2	<10	510	0.55	1.29	3.74	2.11	23.4	11.6	24
ZZ85581		0.21	0.011	0.35	0.92	27.1	<0.2	<10	350	0.40	1.97	2.53	1.12	25.0	10.5	22
ZZ85582		0.36	0.009	0.42	1.17	30.4	<0.2	<10	740	0.65	2.44	5.71	2.29	23.4	10.4	27
ZZ85583		0.32	0.013	0.27	0.92	28.6	<0.2	<10	780	0.56	2.39	8.72	2.28	17.00	9.5	21
ZZ85584		0.55	0.028	0.41	1.06	39.0	<0.2	<10	520	0.47	3.38	4.65	2.27	23.6	9.9	25
ZZ85585		0.19	0.012	0.54	1.27	14.3	<0.2	<10	360	0.59	2.04	0.97	3.73	26.9	10.6	27

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ85546	1.79	34.3	2.41	3.07	0.06	0.06	0.07	0.031	0.07	10.1	11.9	3.06	717	6.60	0.01
ZZ85547	1.01	36.6	2.39	3.09	<0.05	0.06	0.06	0.032	0.08	10.9	10.6	1.52	835	3.08	0.02
ZZ85548	1.02	32.8	2.37	2.74	0.05	0.05	0.05	0.026	0.07	10.0	10.9	1.52	732	2.81	<0.01
ZZ85549	1.39	47.6	3.12	4.09	0.07	0.07	0.08	0.037	0.12	15.6	15.9	1.06	345	4.29	<0.01
ZZ85550	0.93	34.0	2.24	2.37	0.06	0.06	0.06	0.027	0.06	9.9	9.7	2.89	435	3.52	<0.01
ZZ85551	2.80	34.5	2.49	3.46	0.06	0.05	0.07	0.037	0.10	10.4	14.6	2.76	567	3.95	<0.01
ZZ85552	1.72	54.3	3.50	3.76	0.07	0.12	0.05	0.033	0.25	17.6	11.6	1.39	502	3.31	<0.01
ZZ85553	1.87	72.2	4.21	4.44	0.09	0.06	0.05	0.040	0.32	22.6	12.1	1.37	602	3.93	<0.01
ZZ85554	0.86	53.1	3.49	3.73	0.06	0.05	0.07	0.036	0.09	16.5	12.7	0.77	417	3.42	<0.01
ZZ85555	1.73	53.4	2.65	3.65	0.05	0.06	0.09	0.043	0.11	11.4	12.9	0.81	758	3.76	<0.01
ZZ85556	1.96	62.4	3.35	4.89	0.07	0.07	0.08	0.052	0.16	14.6	16.4	1.61	614	5.15	0.01
ZZ85557	0.97	39.8	1.68	2.46	0.05	0.07	0.07	0.025	0.08	6.5	7.4	0.74	388	2.39	<0.01
ZZ85558	1.94	34.8	2.40	3.83	0.06	0.06	0.06	0.048	0.10	10.3	13.8	1.26	364	3.76	<0.01
ZZ85559	1.95	39.3	2.51	3.95	0.06	0.05	0.06	0.044	0.13	11.1	14.5	1.40	259	2.54	0.01
ZZ85560	2.07	42.9	2.75	4.06	0.05	0.05	0.08	0.048	0.13	11.2	15.0	1.58	194	3.69	0.01
ZZ85561	1.94	44.5	2.29	3.85	0.06	0.05	0.08	0.042	0.11	11.0	14.0	1.63	289	2.79	0.01
ZZ85562	1.78	39.9	2.49	3.88	0.05	0.05	0.07	0.042	0.11	10.4	13.6	0.85	461	2.49	<0.01
ZZ85563	1.55	48.0	2.76	4.30	0.06	0.05	0.07	0.046	0.11	12.4	15.8	0.80	511	3.52	<0.01
ZZ85564	2.04	39.2	2.73	4.29	0.05	0.05	0.07	0.048	0.13	11.2	15.4	0.87	564	4.20	<0.01
ZZ85565	1.71	38.4	2.49	3.64	0.05	0.05	0.07	0.037	0.10	9.0	12.4	0.72	277	2.95	<0.01
ZZ85566	1.49	34.0	2.41	3.62	0.06	0.05	0.05	0.037	0.10	12.7	12.4	1.30	293	3.29	<0.01
ZZ85567	1.54	63.1	3.61	4.01	0.07	0.06	0.06	0.043	0.15	14.4	13.0	1.14	740	6.04	<0.01
ZZ85568	1.96	59.0	3.09	4.61	0.06	0.07	0.10	0.053	0.15	13.8	16.0	1.01	563	4.18	<0.01
ZZ85569	1.58	38.0	2.78	4.05	0.06	0.06	0.08	0.041	0.12	11.9	14.1	1.10	813	3.42	<0.01
ZZ85570	1.43	58.8	2.92	4.63	0.05	0.05	0.07	0.040	0.10	13.3	15.8	0.69	565	3.53	0.02
ZZ85571	1.40	39.2	2.62	3.77	0.05	0.05	0.06	0.035	0.10	12.9	13.2	0.89	188	2.89	0.02
ZZ85572	1.04	53.1	2.59	3.45	0.05	0.05	0.08	0.030	0.09	9.9	12.0	0.59	412	2.90	0.01
ZZ85573	1.04	37.8	2.60	3.37	0.05	0.04	0.06	0.033	0.10	10.6	12.4	0.74	583	2.35	0.02
ZZ85574	1.17	36.5	2.29	3.11	0.05	0.04	0.05	0.031	0.09	11.2	12.1	1.46	250	2.74	0.02
ZZ85575	1.82	51.7	2.97	4.51	0.06	0.07	0.07	0.040	0.14	15.1	17.5	1.48	291	3.56	0.02
ZZ85576	2.00	39.1	2.48	3.68	0.07	0.06	0.08	0.038	0.07	13.1	14.9	2.83	268	4.46	0.02
ZZ85577	2.07	41.9	2.78	3.69	0.07	0.06	0.07	0.040	0.08	13.6	15.3	2.65	625	4.96	0.02
ZZ85578	1.90	41.8	2.89	3.59	0.06	0.05	0.06	0.038	0.06	11.9	14.6	2.05	643	5.37	0.02
ZZ85579	2.64	47.8	2.95	3.93	0.06	0.06	0.07	0.043	0.10	14.0	16.3	2.40	488	5.64	0.02
ZZ85580	1.86	38.5	2.64	3.29	0.06	0.06	0.06	0.036	0.07	12.3	13.7	2.47	347	4.26	0.02
ZZ85581	1.25	37.1	2.32	3.00	0.10	0.04	0.05	0.039	0.09	13.4	11.0	1.38	479	3.29	0.01
ZZ85582	3.36	46.2	2.60	3.95	0.11	0.04	0.07	0.040	0.11	13.0	16.1	3.70	444	6.05	0.02
ZZ85583	2.82	31.6	2.22	3.04	0.09	0.03	0.06	0.030	0.08	9.2	12.4	4.24	516	3.81	0.02
ZZ85584	2.20	40.8	2.90	3.51	0.10	0.09	0.06	0.037	0.09	12.8	12.0	2.97	471	8.16	0.02
ZZ85585	1.46	60.7	1.76	3.94	0.07	0.06	0.12	0.046	0.08	14.3	14.3	0.59	129	2.85	0.01

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85546		0.86	51.9	1030	21.1	9.8	0.002	0.01	2.17	2.7	1.3	0.9	59.7	<0.01	0.04	2.8
ZZ85547		0.81	41.0	920	18.9	8.5	0.002	0.02	1.59	2.8	1.7	0.7	35.9	<0.01	0.04	2.3
ZZ85548		0.76	37.1	890	18.4	8.0	0.001	0.01	1.58	2.4	1.2	0.7	31.3	<0.01	0.02	2.2
ZZ85549		1.15	46.3	1150	25.7	14.4	0.002	0.01	1.97	3.7	1.3	0.9	34.0	<0.01	0.07	3.1
ZZ85550		0.67	35.3	980	19.0	8.6	0.001	<0.01	1.90	2.3	1.1	1.1	70.6	<0.01	0.03	2.5
ZZ85551		0.96	51.8	910	27.5	22.8	0.004	0.04	1.99	2.7	2.0	1.0	45.0	<0.01	0.05	2.0
ZZ85552		1.71	39.4	1320	18.2	20.8	<0.001	<0.01	1.74	3.2	1.1	0.8	49.2	<0.01	0.05	4.8
ZZ85553		1.59	46.6	1600	17.4	23.3	0.001	<0.01	2.07	3.7	1.0	1.0	49.7	<0.01	0.06	5.5
ZZ85554		1.21	46.0	1020	24.9	9.4	<0.001	<0.01	1.82	3.6	0.8	0.9	23.2	<0.01	0.06	3.1
ZZ85555		1.07	54.4	890	34.4	12.3	0.005	0.06	2.76	2.8	2.0	1.4	35.6	<0.01	0.05	1.7
ZZ85556		1.52	61.6	1270	33.2	16.8	0.001	0.02	2.62	3.9	2.0	1.5	45.6	<0.01	0.07	2.8
ZZ85557		0.74	40.8	1060	15.1	8.1	0.001	0.10	1.82	1.5	1.4	0.6	54.9	<0.01	0.02	0.7
ZZ85558		1.01	41.9	770	35.5	16.0	0.002	0.04	2.24	2.5	1.3	1.5	36.5	<0.01	0.06	1.6
ZZ85559		1.12	44.3	930	32.7	16.6	0.002	0.05	2.07	3.0	1.5	1.4	34.9	<0.01	0.05	2.1
ZZ85560		1.05	44.7	970	37.7	17.6	0.002	0.03	2.21	2.9	1.5	1.5	38.2	<0.01	0.05	2.1
ZZ85561		1.03	45.1	900	34.5	14.3	0.002	0.04	2.20	2.8	1.6	1.3	39.1	<0.01	0.05	1.8
ZZ85562		1.03	47.0	940	31.1	16.1	0.002	0.05	2.04	2.6	1.4	1.3	38.4	<0.01	0.05	1.4
ZZ85563		1.06	48.0	990	34.5	13.3	0.001	0.03	2.34	2.9	1.8	1.5	34.1	<0.01	0.06	1.7
ZZ85564		1.02	49.8	1020	35.1	17.0	0.002	0.04	2.47	2.8	1.6	1.6	34.2	<0.01	0.06	1.7
ZZ85565		0.92	41.0	960	27.8	12.8	0.004	0.08	2.12	2.2	1.5	1.2	39.3	<0.01	0.05	1.2
ZZ85566		0.99	40.7	1080	25.6	11.3	0.001	0.01	1.97	2.6	1.2	1.1	31.9	<0.01	0.04	2.4
ZZ85567		1.33	63.3	1370	26.3	15.6	0.001	0.03	2.57	3.1	1.7	1.3	39.4	<0.01	0.06	2.2
ZZ85568		1.22	60.3	1060	37.0	17.8	0.002	0.03	2.59	3.5	1.7	1.5	38.3	<0.01	0.06	2.2
ZZ85569		1.04	47.7	1070	27.0	15.8	0.002	0.03	1.87	3.0	1.3	1.1	36.0	<0.01	0.05	1.9
ZZ85570		1.02	57.2	990	26.3	12.6	0.001	0.06	2.10	3.3	1.6	1.0	32.6	<0.01	0.07	1.4
ZZ85571		1.00	42.9	1000	26.5	12.7	0.001	0.06	1.86	3.0	1.2	1.0	31.3	<0.01	0.05	2.1
ZZ85572		0.91	45.1	910	19.6	17.6	<0.001	0.10	2.44	2.3	1.5	0.8	40.3	<0.01	0.04	0.9
ZZ85573		0.89	36.9	990	20.4	10.9	0.001	0.09	1.75	2.3	1.6	0.8	46.2	<0.01	0.04	1.1
ZZ85574		0.94	38.0	1020	18.1	11.3	0.004	0.08	1.76	2.5	1.8	0.7	45.8	<0.01	0.04	1.6
ZZ85575		1.16	51.8	1030	24.3	17.5	0.001	0.05	2.19	4.2	1.0	1.0	37.1	<0.01	0.06	3.6
ZZ85576		1.00	52.0	980	26.3	11.2	0.002	0.05	1.87	3.2	2.4	0.9	43.7	<0.01	0.06	2.9
ZZ85577		0.97	55.6	960	27.1	12.0	0.002	0.04	2.14	3.4	2.0	1.1	48.6	<0.01	0.06	3.4
ZZ85578		0.87	67.0	990	28.5	10.3	0.005	0.05	2.06	3.0	1.7	1.0	38.3	<0.01	0.04	2.3
ZZ85579		0.97	61.1	980	28.9	17.6	0.001	0.04	2.22	3.8	1.9	0.9	38.1	<0.01	0.05	3.4
ZZ85580		0.92	51.4	960	25.8	11.5	0.003	0.05	2.01	3.2	2.5	0.7	44.2	<0.01	0.06	3.0
ZZ85581		0.74	35.3	1080	24.3	10.3	0.003	0.04	1.54	2.8	1.5	0.6	38.2	<0.01	0.05	2.1
ZZ85582		0.92	66.5	870	28.5	19.5	0.005	0.06	1.93	3.6	2.0	0.9	67.2	<0.01	0.05	2.4
ZZ85583		0.77	63.9	770	21.7	14.6	0.001	0.05	1.51	2.4	1.6	0.8	75.9	<0.01	0.03	1.6
ZZ85584		0.95	54.6	1010	23.4	14.3	0.002	0.02	2.07	3.4	1.6	0.8	47.5	<0.01	0.04	3.4
ZZ85585		1.37	69.0	980	20.3	12.1	0.014	0.14	2.21	3.8	4.2	1.1	34.0	<0.01	0.07	3.0

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Finalized Date: 24- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ85546		0.036	0.28	1.17	50	2.73	8.42	222	2.8
ZZ85547		0.027	0.19	0.80	38	1.00	8.53	147	2.1
ZZ85548		0.026	0.17	0.74	35	0.67	7.36	135	2.0
ZZ85549		0.032	0.24	1.15	48	1.97	10.50	180	2.8
ZZ85550		0.025	0.21	0.80	33	1.94	7.69	124	2.4
ZZ85551		0.035	0.35	1.66	46	1.89	8.66	320	1.9
ZZ85552		0.031	0.22	1.17	35	0.20	8.38	111	5.4
ZZ85553		0.033	0.24	1.31	42	0.23	10.35	119	3.4
ZZ85554		0.026	0.20	0.85	42	0.39	10.55	125	1.8
ZZ85555		0.029	0.30	1.64	58	1.68	9.96	190	2.7
ZZ85556		0.045	0.34	1.23	68	1.59	11.35	217	2.5
ZZ85557		0.020	0.16	3.08	35	0.52	5.71	144	2.7
ZZ85558		0.031	0.28	1.19	57	1.84	7.12	200	1.9
ZZ85559		0.037	0.32	1.23	57	1.48	8.61	198	2.2
ZZ85560		0.034	0.33	1.13	57	2.11	8.74	212	2.2
ZZ85561		0.033	0.33	1.19	58	1.58	9.38	207	2.2
ZZ85562		0.032	0.27	1.34	56	1.42	8.23	276	1.8
ZZ85563		0.034	0.27	1.31	62	1.69	9.81	190	2.0
ZZ85564		0.033	0.34	1.69	62	1.41	8.41	252	2.1
ZZ85565		0.026	0.29	2.21	54	1.16	6.95	210	1.9
ZZ85566		0.033	0.24	0.90	52	1.46	8.05	184	1.9
ZZ85567		0.033	0.28	1.40	57	0.90	10.70	201	2.2
ZZ85568		0.034	0.35	1.52	64	1.36	11.10	238	2.6
ZZ85569		0.034	0.25	0.93	54	1.17	8.67	217	1.9
ZZ85570		0.029	0.19	1.89	56	0.83	10.55	158	1.6
ZZ85571		0.032	0.21	1.22	51	1.95	8.90	170	1.9
ZZ85572		0.021	0.18	2.07	40	0.79	8.41	129	1.9
ZZ85573		0.024	0.17	2.93	41	0.84	8.02	144	1.7
ZZ85574		0.028	0.20	3.35	38	0.85	7.68	144	1.8
ZZ85575		0.035	0.30	0.94	50	0.94	10.00	200	2.9
ZZ85576		0.038	0.29	1.02	49	2.39	10.00	282	2.6
ZZ85577		0.037	0.31	0.96	46	1.99	10.00	244	2.6
ZZ85578		0.032	0.30	1.14	47	3.66	10.05	294	2.1
ZZ85579		0.039	0.38	0.98	49	2.26	10.60	291	2.6
ZZ85580		0.035	0.28	1.40	44	1.95	9.54	225	2.7
ZZ85581		0.031	0.18	1.17	43	1.30	8.90	157	1.6
ZZ85582		0.040	0.34	1.73	49	2.88	9.81	304	1.5
ZZ85583		0.033	0.30	0.97	40	7.80	7.20	354	1.4
ZZ85584		0.044	0.32	0.76	49	7.74	9.35	272	4.2
ZZ85585		0.029	0.38	7.07	47	0.52	11.15	452	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ85586		0.23	0.010	0.35	1.00	19.9	<0.2	<10	220	0.43	1.60	2.32	3.26	22.1	8.5	22
ZZ85587		0.19	0.016	0.38	0.70	35.0	<0.2	<10	240	0.42	1.25	2.02	4.23	17.35	10.9	13
ZZ85588		0.21	0.019	0.33	0.60	58.1	<0.2	<10	280	0.32	0.84	2.64	5.74	12.25	5.8	11
ZZ85589		0.44	0.010	0.27	0.95	21.3	<0.2	<10	390	0.46	1.17	5.03	1.14	25.2	9.2	19
ZZ85590		0.37	0.002	0.22	2.26	26.4	<0.2	<10	500	1.32	0.77	1.25	2.27	36.4	17.7	41
ZZ85591		0.42	0.019	0.40	1.05	67.3	<0.2	<10	250	0.46	1.39	3.83	1.13	25.4	11.8	19
ZZ85592		0.40	0.050	0.60	1.17	103.0	<0.2	<10	260	0.58	1.37	3.15	1.78	27.4	13.0	20
ZZ85593		0.29	0.069	0.40	0.80	53.7	<0.2	<10	240	0.40	1.59	1.50	4.55	24.4	8.6	15
ZZ85594		0.41	0.010	0.42	1.19	62.7	<0.2	<10	400	0.57	1.54	1.92	1.73	33.1	13.4	21
ZZ85595		0.27	0.011	0.41	1.14	63.2	<0.2	<10	360	0.61	1.91	1.72	3.12	28.9	13.1	19
ZZ85596		0.27	0.013	0.69	1.03	58.1	<0.2	<10	340	0.61	3.93	1.63	6.18	27.0	13.3	20
ZZ85597		0.38	0.011	0.37	1.18	72.4	<0.2	<10	370	0.62	1.79	1.72	1.15	31.7	14.3	20
ZZ85598		0.29	0.031	0.36	1.15	77.9	<0.2	<10	340	0.60	1.90	0.64	1.78	33.5	13.2	20
ZZ85599		0.10	0.004	0.36	0.59	24.4	<0.2	<10	520	0.31	1.03	3.11	10.10	11.50	7.7	14
ZZ85600		0.12	0.007	0.48	0.92	39.0	<0.2	<10	390	0.45	1.94	2.22	3.60	17.65	7.1	22
ZZ85601		0.28	0.064	0.66	1.22	71.7	<0.2	<10	430	0.67	2.51	0.69	1.96	32.7	14.9	24
ZZ85602		0.09	0.004	0.35	0.70	26.5	<0.2	<10	310	0.35	1.23	2.88	10.75	11.90	9.1	17
ZZ85603		0.28	0.019	0.69	1.38	59.0	<0.2	<10	120	0.40	1.77	0.03	0.86	24.8	6.5	25
ZZ85604		0.47	0.022	0.40	1.01	64.0	<0.2	<10	270	0.49	1.26	5.09	1.76	29.2	12.2	17
ZZ85605		0.28	0.013	0.81	1.12	52.7	<0.2	<10	290	0.55	1.85	1.46	12.85	22.7	12.3	25
ZZ85606		0.17	0.010	0.62	0.91	53.1	<0.2	<10	290	0.32	1.43	1.49	6.28	21.9	10.7	22
ZZ85607		0.35	0.013	0.74	0.99	55.1	<0.2	<10	380	0.54	1.76	1.69	8.81	25.3	12.3	24
ZZ85608		0.38	0.006	0.13	1.66	38.4	<0.2	<10	260	0.41	1.23	0.16	0.81	31.7	8.4	25
ZZ85609		0.32	0.007	0.30	1.65	46.5	<0.2	<10	550	0.63	1.01	0.72	0.58	32.1	12.1	27
ZZ85610		0.33	0.013	0.32	1.50	80.9	<0.2	<10	390	0.61	2.01	1.13	0.74	36.1	13.9	24
ZZ85611		0.14	0.016	0.29	0.99	62.7	<0.2	<10	280	0.40	1.79	2.11	5.75	21.8	10.4	17
ZZ85612		0.10	0.006	0.27	0.74	39.6	<0.2	<10	260	0.28	1.27	2.79	23.0	13.85	15.3	13
ZZ85613		0.15	0.020	0.41	0.78	51.1	<0.2	<10	270	0.30	1.11	1.98	2.81	18.30	9.2	16
ZZ85614		0.22	0.016	0.31	0.75	73.0	<0.2	<10	250	0.32	1.28	1.18	6.06	24.7	13.8	15
ZZ85615		0.13	0.014	0.38	0.92	53.8	<0.2	<10	300	0.42	1.04	2.08	3.38	20.9	9.2	17
ZZ85616		0.25	0.036	0.29	1.46	72.9	<0.2	<10	340	0.55	1.55	1.26	1.21	28.4	13.2	22
ZZ85617		0.18	0.017	0.40	1.11	51.3	<0.2	<10	330	0.46	1.28	2.13	3.83	24.1	9.6	19
ZZ85618		0.13	0.015	0.35	0.96	46.0	<0.2	<10	300	0.39	1.35	1.94	4.37	23.7	12.9	17
ZZ85619		0.11	0.009	0.40	1.09	8.4	<0.2	<10	290	0.45	1.28	1.71	2.29	26.3	5.5	19
ZZ85620		0.13	0.010	0.42	1.24	22.3	<0.2	<10	310	0.52	1.51	1.44	4.39	24.9	7.9	23
ZZ85621		0.11	0.009	0.32	0.96	54.4	<0.2	<10	390	0.37	1.35	1.62	4.16	18.00	10.7	19
ZZ85622		0.17	0.009	0.39	1.07	54.0	<0.2	<10	330	0.43	1.58	1.50	2.63	24.6	9.9	22
ZZ85623		0.30	0.009	0.45	1.31	28.6	<0.2	<10	380	0.51	1.90	1.59	3.13	26.1	12.2	28
ZZ85624		0.11	0.010	0.37	1.16	43.8	<0.2	<10	630	0.47	1.39	1.02	2.81	24.8	13.1	22
ZZ85625		0.18	0.013	0.27	0.86	33.4	<0.2	<10	240	0.35	1.05	1.51	2.63	26.8	9.0	16

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ85586		1.52	41.6	1.43	3.20	0.06	0.04	0.07	0.031	0.07	11.6	12.1	1.39	227	2.42	0.01
ZZ85587		0.87	51.2	1.99	2.15	0.06	0.06	0.08	0.027	0.05	9.1	7.8	0.53	101	11.75	0.01
ZZ85588		0.66	46.3	2.45	1.74	0.06	0.05	0.07	0.020	0.05	6.4	5.8	0.50	85	7.46	0.01
ZZ85589		1.37	36.7	2.21	2.97	<0.05	0.16	0.05	0.032	0.10	13.2	12.5	2.13	418	2.23	0.01
ZZ85590		4.85	37.6	4.18	7.37	0.10	0.08	0.02	0.029	0.47	19.4	23.3	1.60	784	4.17	0.01
ZZ85591		1.58	53.5	3.35	3.27	0.06	0.05	0.08	0.037	0.10	13.8	11.1	2.50	450	4.44	0.02
ZZ85592		1.66	71.1	3.90	3.67	0.07	0.05	0.07	0.036	0.10	15.5	11.5	2.29	503	6.12	0.02
ZZ85593		0.85	38.0	2.55	2.52	0.06	0.03	0.09	0.032	0.05	12.8	8.1	0.50	417	7.94	0.01
ZZ85594		1.12	55.3	3.34	3.64	0.06	0.07	0.07	0.038	0.12	17.4	12.6	1.31	519	9.90	0.01
ZZ85595		0.88	55.2	3.13	3.52	0.06	0.05	0.10	0.039	0.09	15.3	11.4	0.88	630	9.78	0.01
ZZ85596		1.01	65.0	3.06	3.13	0.07	0.05	0.34	0.036	0.10	14.8	10.1	0.74	333	14.35	0.01
ZZ85597		0.90	57.0	3.33	3.74	0.07	0.05	0.08	0.041	0.10	16.6	12.2	1.23	518	7.40	0.01
ZZ85598		0.97	63.8	3.42	3.58	0.07	0.05	0.08	0.044	0.09	18.2	10.7	0.56	439	5.75	0.01
ZZ85599		0.74	41.7	1.35	1.85	0.05	0.03	0.10	0.022	0.04	6.0	5.8	0.48	2120	14.85	0.01
ZZ85600		1.18	47.7	2.33	2.83	0.07	0.04	0.13	0.035	0.06	9.4	9.6	0.58	315	12.30	0.01
ZZ85601		0.96	81.1	3.47	3.76	0.07	0.05	0.10	0.073	0.08	17.8	12.0	0.53	745	9.98	0.01
ZZ85602		1.00	63.4	1.83	2.21	0.05	0.04	0.08	0.024	0.05	6.3	7.2	0.48	1000	2.98	0.01
ZZ85603		1.22	24.8	3.44	5.57	<0.05	0.02	0.04	0.053	0.04	13.4	13.1	0.26	156	6.70	0.01
ZZ85604		0.93	52.5	3.00	3.07	0.06	0.08	0.07	0.034	0.12	15.5	11.0	2.07	561	4.67	0.01
ZZ85605		1.26	72.2	2.86	3.37	0.07	0.04	0.11	0.038	0.06	12.2	11.6	0.54	286	8.79	0.01
ZZ85606		1.14	53.3	3.40	2.87	0.10	0.04	0.13	0.042	0.06	11.5	9.1	0.45	360	12.20	0.01
ZZ85607		1.08	94.7	2.88	3.02	0.08	0.05	0.24	0.045	0.08	14.1	10.2	0.72	561	17.95	0.01
ZZ85608		1.18	23.9	3.02	5.75	0.07	0.03	0.05	0.045	0.05	16.3	14.1	0.32	256	5.75	0.01
ZZ85609		0.96	39.6	3.36	5.11	0.07	0.06	0.06	0.038	0.08	17.4	15.1	0.69	540	2.79	0.01
ZZ85610		1.05	59.0	4.00	4.55	0.09	0.07	0.09	0.045	0.12	20.5	14.0	0.84	563	3.88	0.01
ZZ85611		0.74	45.7	2.88	2.96	0.08	0.05	0.07	0.043	0.08	11.7	9.3	0.65	423	8.28	0.01
ZZ85612		0.66	40.0	2.20	2.15	0.10	0.03	0.07	0.030	0.05	7.1	5.8	0.53	1120	12.90	0.01
ZZ85613		0.79	42.5	2.39	2.36	0.07	0.04	0.08	0.027	0.06	9.8	7.4	0.47	677	4.47	0.01
ZZ85614		0.80	39.7	3.24	2.35	0.09	0.03	0.06	0.032	0.06	13.2	7.8	0.44	724	9.75	0.01
ZZ85615		0.71	50.5	2.61	2.35	0.05	0.03	0.08	0.028	0.08	11.2	8.3	0.51	467	3.63	0.01
ZZ85616		2.31	47.5	3.52	4.45	0.08	0.04	0.06	0.033	0.15	15.5	14.8	0.92	559	3.75	0.01
ZZ85617		1.62	65.1	2.87	3.46	0.09	0.05	0.09	0.031	0.11	14.5	10.0	0.63	335	5.01	0.01
ZZ85618		1.17	47.3	2.76	2.96	0.07	0.05	0.07	0.030	0.09	12.7	9.3	0.57	532	2.98	0.01
ZZ85619		0.96	45.3	1.07	3.38	0.06	0.06	0.08	0.029	0.08	13.9	11.2	0.58	91	1.38	0.01
ZZ85620		1.33	59.7	2.20	3.68	0.07	0.08	0.09	0.036	0.10	13.0	13.0	0.60	310	1.55	0.01
ZZ85621		1.10	49.7	3.37	2.91	0.08	0.08	0.08	0.028	0.08	9.4	8.6	0.45	463	3.76	0.01
ZZ85622		1.24	46.3	3.50	3.40	0.09	0.08	0.08	0.037	0.08	13.0	11.5	0.68	312	8.78	0.01
ZZ85623		1.59	54.5	2.74	4.20	0.08	0.09	0.09	0.040	0.12	13.5	14.8	0.89	446	5.06	0.01
ZZ85624		1.22	49.3	2.18	3.56	0.07	0.07	0.10	0.035	0.09	12.9	12.6	0.45	548	6.23	0.01
ZZ85625		0.93	39.6	2.18	2.59	0.07	0.05	0.06	0.024	0.07	13.9	9.1	0.58	391	1.97	0.01

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Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ85586		1.06	93.6	1000	16.7	12.3	0.008	0.10	1.65	2.8	2.8	0.7	39.5	<0.01	0.05	2.2
ZZ85587		1.00	76.1	920	14.0	8.6	0.041	0.39	2.49	2.1	6.4	0.5	55.4	<0.01	0.04	1.5
ZZ85588		0.87	46.8	900	10.1	6.1	0.045	0.46	2.12	1.5	6.3	0.4	64.3	<0.01	0.04	0.9
ZZ85589		0.71	35.4	1000	17.3	11.9	0.001	0.03	1.64	3.1	0.6	0.6	67.8	<0.01	0.07	4.0
ZZ85590		1.48	63.8	1100	13.2	59.8	0.001	0.06	1.18	4.7	1.7	1.3	36.2	<0.01	0.04	6.1
ZZ85591		1.72	47.0	1320	18.0	14.0	<0.001	0.05	2.31	3.4	1.6	1.2	52.6	<0.01	0.06	3.3
ZZ85592		2.17	92.5	1330	19.1	14.0	0.002	0.04	2.53	4.0	1.8	0.8	40.7	<0.01	0.08	4.1
ZZ85593		1.06	61.9	1260	14.4	7.7	0.012	0.09	1.86	1.9	4.2	0.6	40.2	<0.01	0.05	1.3
ZZ85594		1.09	53.8	1230	20.6	12.0	0.004	0.04	2.32	3.8	1.9	0.7	34.4	<0.01	0.07	4.2
ZZ85595		1.32	57.8	1240	20.3	10.3	0.007	0.07	2.39	3.1	2.5	0.7	41.9	<0.01	0.08	2.4
ZZ85596		1.28	118.0	1390	20.5	11.2	0.002	0.06	3.04	2.9	3.0	0.7	41.2	<0.01	0.08	2.2
ZZ85597		1.28	54.2	1260	18.1	10.0	<0.001	0.03	2.33	3.8	1.3	0.8	36.3	<0.01	0.07	3.9
ZZ85598		1.34	57.5	1430	19.2	9.8	<0.001	0.04	2.44	3.8	1.7	0.7	30.4	<0.01	0.07	4.2
ZZ85599		0.61	57.1	960	8.6	4.9	0.031	0.21	2.16	1.1	9.0	0.5	69.7	<0.01	0.04	0.5
ZZ85600		0.98	40.8	1050	16.1	8.9	0.028	0.17	2.38	2.4	10.8	0.7	57.3	<0.01	0.07	0.9
ZZ85601		1.14	77.7	1250	25.8	10.1	0.001	0.04	4.85	3.8	2.5	3.5	40.6	<0.01	0.10	3.4
ZZ85602		0.80	80.6	840	8.9	12.0	0.023	0.19	1.70	1.8	4.6	0.6	82.2	<0.01	0.04	0.7
ZZ85603		1.69	26.4	470	19.3	9.9	0.001	0.04	2.30	2.0	2.5	3.0	12.8	<0.01	0.07	2.6
ZZ85604		0.47	47.5	1200	19.1	9.1	0.001	0.03	2.57	3.2	1.0	0.6	86.8	<0.01	0.06	4.1
ZZ85605		1.06	86.6	1010	15.5	9.8	0.016	0.11	3.11	2.9	5.1	0.8	51.1	<0.01	0.07	1.3
ZZ85606		1.07	54.5	1130	16.7	9.4	0.012	0.09	2.76	2.5	8.5	0.9	45.4	<0.01	0.05	1.6
ZZ85607		0.95	98.4	1340	24.0	11.8	0.002	0.03	4.05	3.1	3.6	1.6	39.7	<0.01	0.09	1.9
ZZ85608		0.98	31.7	460	17.5	11.5	<0.001	<0.01	1.15	2.7	1.0	1.2	14.2	<0.01	0.05	3.9
ZZ85609		1.18	37.5	790	21.3	11.5	<0.001	0.01	1.42	4.4	1.0	0.8	22.5	<0.01	0.05	4.0
ZZ85610		1.32	47.4	820	22.3	12.8	<0.001	0.01	2.27	4.5	1.5	0.9	24.7	<0.01	0.06	4.1
ZZ85611		1.23	93.2	1010	15.0	9.6	0.003	0.06	2.74	2.4	5.6	1.0	41.8	<0.01	0.06	1.3
ZZ85612		0.89	147.0	990	10.7	7.2	0.025	0.13	1.83	1.4	15.9	0.5	45.7	<0.01	0.04	0.5
ZZ85613		0.95	45.5	1240	12.8	8.7	0.014	0.10	1.98	1.7	5.6	0.5	50.6	<0.01	0.05	1.0
ZZ85614		0.89	51.8	1280	14.3	8.5	0.008	0.04	2.15	1.8	4.9	0.5	38.0	<0.01	0.05	2.1
ZZ85615		1.20	45.5	1220	13.3	8.4	0.010	0.10	1.66	2.0	3.2	0.5	46.2	<0.01	0.05	1.1
ZZ85616		2.26	45.4	1060	16.6	23.2	0.002	0.05	1.41	3.1	2.0	1.0	30.8	<0.01	0.05	2.3
ZZ85617		1.68	50.5	1180	15.6	16.9	0.007	0.10	2.19	2.4	5.3	0.9	50.7	<0.01	0.05	1.4
ZZ85618		1.54	45.3	1170	14.5	14.2	0.007	0.10	1.67	2.3	4.0	0.7	46.8	<0.01	0.05	1.6
ZZ85619		1.48	32.5	1070	16.8	9.2	0.015	0.23	1.33	2.9	3.9	0.7	43.8	<0.01	0.04	2.0
ZZ85620		1.50	64.3	1100	19.2	12.1	0.012	0.17	2.06	3.5	4.3	0.7	40.4	<0.01	0.05	2.6
ZZ85621		1.22	90.8	1020	14.6	11.9	0.020	0.24	2.02	2.7	5.9	0.6	43.2	<0.01	0.04	2.0
ZZ85622		1.29	69.5	1210	19.0	11.1	0.017	0.17	2.15	3.3	4.0	0.8	36.6	<0.01	0.05	3.5
ZZ85623		1.35	76.7	1200	21.6	13.5	0.013	0.17	2.42	4.0	3.9	0.9	37.8	<0.01	0.05	3.6
ZZ85624		1.10	68.9	1070	17.4	9.2	0.011	0.16	1.91	3.3	3.7	0.7	34.3	<0.01	0.05	2.9
ZZ85625		1.01	43.0	1220	12.4	8.8	0.010	0.14	1.33	2.3	3.1	0.5	39.0	<0.01	0.03	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ85586		0.031	0.39	4.30	38	0.99	8.72	676	2.0
ZZ85587		0.018	0.27	32.2	27	0.26	8.15	292	3.1
ZZ85588		0.015	0.20	18.65	21	0.12	6.09	247	2.4
ZZ85589		0.033	0.22	1.60	32	0.49	8.27	119	7.2
ZZ85590		0.103	0.55	2.52	51	0.11	14.30	192	4.7
ZZ85591		0.040	0.24	1.49	41	0.56	10.25	150	2.5
ZZ85592		0.042	0.32	1.81	42	0.27	11.90	281	2.7
ZZ85593		0.017	0.29	6.59	31	0.25	8.63	447	1.4
ZZ85594		0.028	0.24	1.73	41	0.38	10.35	183	3.4
ZZ85595		0.024	0.22	3.15	37	0.24	10.65	251	2.1
ZZ85596		0.023	0.38	2.87	40	0.24	15.85	767	2.6
ZZ85597		0.032	0.24	1.05	41	0.32	10.75	143	2.5
ZZ85598		0.030	0.27	1.30	43	0.25	12.00	162	2.5
ZZ85599		0.014	0.24	11.05	22	0.08	7.59	397	1.3
ZZ85600		0.020	0.35	6.43	36	0.21	9.60	324	1.9
ZZ85601		0.025	0.28	2.02	55	0.48	12.80	239	2.3
ZZ85602		0.017	0.60	5.31	28	0.14	7.69	535	1.8
ZZ85603		0.024	0.35	0.74	77	0.42	2.29	117	0.8
ZZ85604		0.023	0.24	1.14	38	0.17	9.42	148	5.7
ZZ85605		0.023	0.29	5.15	43	0.24	12.15	505	1.6
ZZ85606		0.023	0.26	6.31	44	0.21	10.35	436	1.9
ZZ85607		0.021	0.30	3.64	53	0.37	16.85	528	2.1
ZZ85608		0.026	0.23	0.78	66	0.28	4.04	169	1.2
ZZ85609		0.029	0.17	0.84	56	0.27	10.40	114	2.0
ZZ85610		0.027	0.27	1.36	48	0.21	14.35	131	2.6
ZZ85611		0.022	0.20	4.92	36	0.24	8.31	1160	2.0
ZZ85612		0.015	0.20	14.60	28	0.28	6.03	1510	1.3
ZZ85613		0.018	0.20	5.33	31	0.20	7.59	355	1.6
ZZ85614		0.018	0.23	5.26	35	0.30	7.97	418	1.3
ZZ85615		0.021	0.16	2.88	34	0.19	7.98	291	1.3
ZZ85616		0.035	0.27	4.45	45	0.21	9.49	211	1.2
ZZ85617		0.025	0.28	9.71	38	0.18	10.05	265	2.0
ZZ85618		0.024	0.23	4.83	33	0.19	8.66	264	1.9
ZZ85619		0.027	0.20	4.15	36	0.16	9.00	221	2.7
ZZ85620		0.027	0.35	5.33	43	0.25	9.82	457	3.2
ZZ85621		0.022	0.31	7.75	34	0.19	7.54	419	3.5
ZZ85622		0.027	0.32	3.93	43	0.60	9.50	452	3.7
ZZ85623		0.031	0.37	4.71	51	0.47	10.00	467	3.8
ZZ85624		0.021	0.32	4.93	41	0.31	8.70	369	2.8
ZZ85625		0.023	0.19	2.95	31	0.35	7.84	268	2.0

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
ZZ85626	0.17	0.007	0.39	1.04	74.4	<0.2	<10	320	0.40	1.07	1.94	2.94	20.9	14.7	19
ZZ85627	0.39	0.090	0.33	0.87	45.4	<0.2	<10	330	0.39	0.98	2.93	2.01	21.3	11.7	16
ZZ85628	0.14	0.017	0.30	0.90	47.9	<0.2	<10	270	0.39	1.06	1.67	2.03	22.5	8.7	16
ZZ85629	0.11	0.013	0.57	0.99	41.5	<0.2	<10	460	0.43	1.15	1.76	6.10	20.6	6.5	23
ZZ85630	0.19	0.010	0.30	1.00	71.0	<0.2	<10	240	0.39	1.30	2.44	1.22	25.7	11.7	17
ZZ85631	0.17	0.061	0.24	0.83	52.1	<0.2	<10	250	0.37	1.37	2.29	1.56	26.0	9.7	15
ZZ85632	0.19	0.012	0.27	0.95	66.5	<0.2	<10	270	0.42	1.12	2.40	0.74	26.0	12.9	17
ZZ85633	0.19	0.008	0.30	0.76	27.1	<0.2	<10	280	0.33	0.44	3.65	0.62	12.30	7.3	13
ZZ85634	0.28	0.021	0.47	0.92	69.8	<0.2	<10	350	0.44	1.65	1.58	0.50	31.4	15.5	16
ZZ85635	0.13	0.005	0.16	0.52	29.1	<0.2	<10	260	0.28	0.41	3.98	0.98	10.35	5.7	8
ZZ85636	0.42	0.030	0.28	1.01	96.2	<0.2	<10	300	0.39	1.37	5.13	1.01	28.4	13.5	17
ZZ85637	0.16	0.014	0.59	1.06	79.2	<0.2	<10	310	0.52	1.23	1.25	2.17	27.4	7.2	20
ZZ85638	0.22	0.010	0.54	0.97	70.7	<0.2	<10	370	0.43	9.36	2.57	0.61	18.70	10.1	16
ZZ85639	0.16	0.011	0.26	1.04	56.9	<0.2	<10	400	0.48	1.08	2.34	1.09	22.4	10.9	18
ZZ85640	0.36	0.014	0.24	1.21	70.4	<0.2	<10	270	0.44	1.95	1.41	0.69	28.2	10.9	20
ZZ85641	0.36	0.010	0.30	1.67	64.4	<0.2	<10	370	0.62	1.00	0.42	0.32	33.4	10.9	26
ZZ85642	0.40	0.018	0.31	1.43	70.5	<0.2	<10	350	0.51	1.62	1.36	0.72	30.5	13.6	22
ZZ85643	0.19	0.013	0.61	0.93	31.0	<0.2	<10	470	0.39	1.13	1.62	6.21	22.1	10.1	22
ZZ85644	0.21	0.008	0.58	1.08	24.2	<0.2	<10	450	0.40	1.54	1.97	2.76	19.35	8.8	22
ZZ85645	0.24	0.027	0.46	0.89	71.5	<0.2	<10	340	0.39	2.48	1.84	3.11	17.70	10.2	17
ZZ85646	0.26	0.010	0.62	1.12	80.9	<0.2	<10	380	0.49	2.12	1.61	8.49	23.8	13.3	27
ZZ85647	0.17	0.007	0.36	0.89	24.7	<0.2	<10	270	0.32	1.96	2.43	2.78	16.00	7.6	17
ZZ85648	0.11	0.007	0.33	0.82	41.7	<0.2	<10	310	0.31	1.65	2.86	2.66	14.15	7.8	15
ZZ85649	0.13	0.007	0.38	0.69	38.8	<0.2	<10	400	0.25	0.75	2.62	4.19	13.70	6.5	15
ZZ85650	0.48	0.018	0.93	1.07	82.7	<0.2	<10	310	0.54	2.72	0.61	13.35	30.9	15.4	25
ZZ85651	0.33	0.007	0.23	1.96	52.1	<0.2	<10	400	0.65	1.73	0.21	0.43	39.5	13.9	29
ZZ85652	0.35	0.008	0.82	1.53	70.1	<0.2	<10	790	0.60	2.84	0.97	11.50	22.9	11.7	25
ZZ85653	0.36	0.013	0.27	1.39	67.3	<0.2	<10	360	0.54	1.31	0.73	0.61	32.4	12.5	23
ZZ85654	0.33	0.030	0.31	0.85	58.0	<0.2	<10	430	0.34	0.89	3.11	1.35	22.3	10.7	16
ZZ85655	0.14	0.006	0.42	0.63	110.0	<0.2	<10	520	0.28	0.90	3.16	8.14	11.05	21.7	14
ZZ85656	0.17	0.014	0.50	1.02	58.8	<0.2	<10	290	0.42	1.05	1.54	2.31	23.2	8.4	18
ZZ85657	0.23	0.020	0.22	1.20	81.6	<0.2	<10	320	0.52	1.34	2.07	0.80	27.4	12.0	19
ZZ85658	0.38	0.009	0.17	1.83	63.2	<0.2	<10	340	0.70	0.80	0.46	0.21	32.4	11.9	30
ZZ85659	0.31	0.013	0.08	1.56	89.3	<0.2	<10	290	0.60	1.20	0.65	0.36	31.9	14.7	24
ZZ85660	0.12	0.018	0.20	0.82	54.1	<0.2	<10	300	0.31	0.81	2.56	1.02	16.65	9.0	14

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ZZ85626		1.11	47.0	3.53	3.02	0.08	0.05	0.08	0.031	0.08	10.9	10.0	0.56	882	3.53	0.01
ZZ85627		0.86	50.3	3.16	2.57	0.07	0.04	0.06	0.042	0.08	11.2	8.1	1.10	935	3.14	0.01
ZZ85628		0.85	45.5	2.53	2.66	0.07	0.04	0.06	0.028	0.07	12.0	9.1	0.49	441	3.92	0.01
ZZ85629		1.20	65.3	2.70	3.02	0.07	0.06	0.12	0.031	0.07	10.8	9.9	0.56	236	1.96	0.01
ZZ85630		1.04	50.5	3.01	3.11	0.08	0.06	0.07	0.031	0.11	13.5	10.2	1.15	457	2.50	0.01
ZZ85631		0.82	42.4	2.44	2.65	0.07	0.05	0.04	0.030	0.08	13.5	9.1	0.94	562	2.63	0.01
ZZ85632		0.80	50.3	3.25	2.92	0.08	0.05	0.06	0.033	0.07	13.6	10.4	1.15	752	2.87	0.01
ZZ85633		0.56	52.7	1.87	2.14	0.05	0.03	0.07	0.018	0.03	7.1	8.1	0.56	522	1.05	0.01
ZZ85634		0.99	59.8	4.26	2.91	0.09	0.05	0.06	0.039	0.07	17.6	8.5	0.63	553	2.73	0.01
ZZ85635		0.35	26.6	1.32	1.52	0.05	0.04	0.06	0.013	0.03	5.5	4.1	0.53	524	1.09	0.01
ZZ85636		0.88	53.0	3.48	2.91	0.07	0.06	0.05	0.032	0.13	14.8	10.4	2.13	632	2.95	0.01
ZZ85637		0.92	49.5	2.94	3.05	0.07	0.05	0.09	0.036	0.08	14.5	10.9	0.50	316	8.74	0.01
ZZ85638		0.65	38.9	2.71	2.79	0.07	0.04	0.07	0.048	0.06	9.8	10.6	0.61	766	10.80	0.01
ZZ85639		0.69	45.8	2.84	2.92	0.08	0.05	0.06	0.028	0.08	11.6	11.2	0.57	642	6.79	0.01
ZZ85640		0.90	51.6	3.27	3.98	0.07	0.04	0.05	0.039	0.09	15.1	11.6	0.89	411	5.08	0.01
ZZ85641		1.21	47.7	3.47	5.16	0.08	0.04	0.06	0.036	0.07	19.9	14.6	0.54	409	3.38	0.01
ZZ85642		1.07	64.2	3.73	4.50	0.09	0.06	0.07	0.037	0.10	16.5	12.4	1.07	594	3.40	0.01
ZZ85643		1.10	58.8	1.37	2.91	0.11	0.06	0.14	0.046	0.06	11.7	10.5	0.49	295	5.78	<0.01
ZZ85644		1.08	49.0	1.63	3.27	0.10	0.06	0.13	0.037	0.06	10.3	11.3	0.52	402	10.05	0.01
ZZ85645		0.90	43.5	2.70	2.76	0.08	0.04	0.08	0.041	0.05	9.3	8.5	0.46	313	15.15	<0.01
ZZ85646		1.16	80.9	3.35	3.42	0.10	0.05	0.13	0.043	0.08	13.2	10.9	0.59	1080	16.20	<0.01
ZZ85647		0.81	38.9	1.71	2.61	0.07	0.05	0.07	0.032	0.06	8.4	9.5	0.52	256	1.71	<0.01
ZZ85648		0.76	36.9	1.88	2.44	0.07	0.04	0.07	0.025	0.05	7.5	8.4	0.47	403	3.99	<0.01
ZZ85649		0.53	35.1	1.76	2.12	0.08	0.04	0.08	0.027	0.05	7.3	6.6	0.49	885	7.50	<0.01
ZZ85650		1.65	111.0	4.01	3.43	0.13	0.09	0.15	0.091	0.13	17.3	8.7	0.57	614	16.40	<0.01
ZZ85651		1.30	35.8	3.68	5.55	0.09	0.06	0.05	0.043	0.07	19.6	15.8	0.54	421	3.44	<0.01
ZZ85652		1.16	147.5	3.23	4.61	0.09	0.06	0.10	0.068	0.06	12.7	13.4	0.50	493	11.15	<0.01
ZZ85653		0.79	51.3	3.53	4.09	0.09	0.06	0.06	0.038	0.10	17.3	12.8	0.61	601	3.73	0.01
ZZ85654		0.82	44.1	2.88	2.64	0.08	0.04	0.05	0.028	0.08	12.0	8.9	1.49	522	3.32	0.01
ZZ85655		0.79	58.8	4.23	1.78	0.13	0.04	0.11	0.022	0.04	6.2	5.3	0.47	1420	13.75	0.01
ZZ85656		0.89	46.2	2.70	2.96	0.10	0.05	0.09	0.034	0.08	12.1	10.2	0.50	298	10.30	0.01
ZZ85657		0.76	47.6	3.36	3.38	0.08	0.07	0.06	0.032	0.11	14.5	11.9	1.04	495	2.67	<0.01
ZZ85658		1.02	39.6	3.45	5.39	0.08	0.07	0.05	0.034	0.07	18.1	15.6	0.56	464	2.22	0.01
ZZ85659		0.92	51.0	3.89	4.32	0.09	0.06	0.04	0.040	0.09	17.1	14.4	0.68	533	3.07	<0.01
ZZ85660		0.61	34.7	2.25	2.35	0.07	0.04	0.06	0.023	0.08	8.7	7.7	0.54	528	1.99	<0.01

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CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85626		1.16	46.1	1210	14.5	10.1	0.012	0.15	1.92	2.6	3.9	0.6	45.5	<0.01	0.05	1.6
ZZ85627		0.95	41.4	1080	14.7	10.1	0.002	0.10	2.04	2.2	2.5	0.6	46.5	<0.01	0.05	1.3
ZZ85628		1.09	38.4	1030	13.7	8.9	0.010	0.10	1.74	2.1	4.0	0.5	37.5	<0.01	0.04	1.2
ZZ85629		1.21	50.9	1070	18.9	7.2	0.017	0.17	2.25	3.0	6.5	0.6	39.2	<0.01	0.05	1.6
ZZ85630		1.21	39.3	1250	17.1	12.6	0.004	0.07	1.80	2.9	2.1	0.5	38.8	<0.01	0.05	2.4
ZZ85631		1.02	36.2	1310	14.7	9.3	0.010	0.10	1.78	2.3	2.4	0.5	40.6	<0.01	0.05	1.8
ZZ85632		1.19	40.3	1100	16.3	9.2	0.001	0.06	1.75	3.0	1.5	0.5	38.7	<0.01	0.05	2.3
ZZ85633		0.82	27.9	980	9.1	6.2	<0.001	0.20	1.05	1.2	2.4	0.3	68.5	<0.01	0.04	0.2
ZZ85634		1.55	37.8	1080	15.8	9.1	<0.001	0.13	3.80	3.7	1.8	0.8	30.6	<0.01	0.06	2.7
ZZ85635		0.56	20.2	910	8.1	4.3	0.001	0.17	0.84	1.1	2.1	0.2	68.0	<0.01	0.03	0.4
ZZ85636		0.68	39.4	1280	19.1	10.5	<0.001	0.01	2.14	3.1	1.0	0.5	70.8	<0.01	0.05	4.1
ZZ85637		1.16	39.6	1250	19.6	9.3	0.010	0.08	1.98	2.6	3.9	1.5	50.9	<0.01	0.06	2.1
ZZ85638		0.94	55.0	990	15.0	7.8	0.005	0.08	2.12	2.0	5.1	1.5	47.4	<0.01	0.09	0.8
ZZ85639		1.19	40.3	960	12.8	8.7	0.005	0.07	2.05	2.6	6.7	0.5	48.1	<0.01	0.05	1.4
ZZ85640		1.15	38.8	940	15.5	11.9	<0.001	0.01	2.15	3.0	1.6	0.9	30.4	<0.01	0.06	2.7
ZZ85641		1.32	39.8	640	20.8	11.6	<0.001	<0.01	1.50	4.8	1.4	0.8	14.2	<0.01	0.05	3.9
ZZ85642		1.27	46.5	1100	17.9	11.4	<0.001	0.01	1.82	4.4	1.2	0.7	28.2	<0.01	0.06	4.4
ZZ85643		0.97	51.2	970	18.0	8.2	0.014	0.12	2.68	2.6	16.7	1.3	40.6	<0.01	0.05	2.1
ZZ85644		1.18	50.0	1000	14.8	8.8	0.026	0.23	3.52	2.6	13.0	0.7	54.1	0.01	0.04	1.6
ZZ85645		0.85	57.6	1080	12.1	8.0	0.005	0.09	2.30	1.8	5.6	0.7	54.3	<0.01	0.06	1.0
ZZ85646		1.01	79.4	1150	16.0	12.1	0.007	0.08	2.65	2.6	7.1	1.0	45.6	<0.01	0.07	1.6
ZZ85647		0.83	40.6	900	9.8	9.2	0.007	0.11	1.01	1.9	4.8	1.2	58.9	<0.01	0.04	0.9
ZZ85648		0.77	35.8	1080	9.9	7.8	0.005	0.13	1.18	1.6	5.1	0.5	67.3	<0.01	0.04	0.6
ZZ85649		0.81	38.4	810	11.2	8.3	0.007	0.12	3.10	1.4	8.4	0.4	61.2	<0.01	0.05	0.7
ZZ85650		1.28	101.5	1890	49.8	14.3	0.001	0.03	6.84	3.5	6.5	6.7	53.3	<0.01	0.10	5.5
ZZ85651		1.10	42.1	690	16.6	12.2	<0.001	<0.01	1.36	4.2	1.7	0.7	13.3	<0.01	0.06	5.2
ZZ85652		1.06	105.5	900	15.7	8.8	0.001	0.03	2.13	3.2	4.2	4.0	60.4	<0.01	0.07	1.8
ZZ85653		0.93	41.2	1010	17.3	10.9	0.001	0.01	1.67	3.7	1.4	0.6	21.8	<0.01	0.05	3.8
ZZ85654		1.18	48.6	1250	13.1	9.3	0.001	0.04	1.72	2.5	2.7	0.4	41.7	<0.01	0.05	2.2
ZZ85655		0.68	68.7	1110	9.5	7.5	0.036	0.22	3.23	1.4	15.7	0.4	72.7	<0.01	0.05	0.6
ZZ85656		1.03	37.0	1220	17.1	9.0	0.015	0.12	2.22	2.4	9.8	0.6	71.2	<0.01	0.06	2.1
ZZ85657		0.81	38.2	910	17.9	9.5	<0.001	0.02	1.68	3.0	1.1	0.5	32.4	<0.01	0.05	2.9
ZZ85658		0.95	36.1	330	16.9	11.0	<0.001	0.01	1.17	4.8	1.0	0.6	14.2	<0.01	0.05	4.5
ZZ85659		1.17	43.2	580	18.8	10.8	<0.001	0.01	1.65	4.1	1.2	0.6	14.6	<0.01	0.06	3.8
ZZ85660		0.85	29.6	970	11.4	8.2	0.005	0.11	1.41	1.6	3.3	0.4	51.2	<0.01	0.05	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ85626		0.020	0.24	3.90	37	0.16	8.10	279	1.8
ZZ85627		0.019	0.17	3.02	33	0.18	8.00	187	1.4
ZZ85628		0.020	0.19	5.30	32	0.90	8.30	206	1.4
ZZ85629		0.022	0.26	2.78	40	0.15	10.30	345	2.8
ZZ85630		0.024	0.20	1.40	35	0.16	8.27	149	2.1
ZZ85631		0.020	0.18	2.40	30	0.35	7.57	133	1.8
ZZ85632		0.026	0.17	1.34	34	0.22	9.04	100	1.9
ZZ85633		0.016	0.07	2.00	22	0.09	7.76	44	0.8
ZZ85634		0.024	0.16	1.65	35	0.20	11.35	89	2.1
ZZ85635		0.011	0.06	1.10	13	0.06	5.26	44	1.5
ZZ85636		0.025	0.19	1.00	36	0.17	8.27	122	4.1
ZZ85637		0.020	0.27	5.13	41	0.13	9.17	264	1.9
ZZ85638		0.017	0.16	8.80	36	0.47	7.74	87	1.3
ZZ85639		0.021	0.15	5.94	36	0.15	8.28	123	1.9
ZZ85640		0.023	0.32	0.99	47	0.24	7.24	109	1.4
ZZ85641		0.027	0.21	1.30	56	0.21	15.15	103	1.4
ZZ85642		0.031	0.22	0.95	47	0.20	11.05	120	2.8
ZZ85643		0.021	0.26	6.85	43	0.25	9.52	461	2.5
ZZ85644		0.023	0.29	11.30	47	0.18	9.59	283	2.5
ZZ85645		0.017	0.21	8.18	42	0.29	9.38	247	1.7
ZZ85646		0.023	0.43	7.80	89	0.35	15.45	555	1.9
ZZ85647		0.018	0.17	4.53	27	0.17	8.17	215	1.8
ZZ85648		0.016	0.14	6.94	31	0.14	5.94	226	1.4
ZZ85649		0.019	0.19	13.55	51	0.14	5.27	228	1.5
ZZ85650		0.032	0.62	2.30	66	0.50	15.10	477	7.1
ZZ85651		0.028	0.23	1.36	58	0.26	9.25	126	2.4
ZZ85652		0.017	0.23	6.92	64	0.36	15.95	346	1.8
ZZ85653		0.025	0.16	1.05	46	0.20	10.15	125	2.2
ZZ85654		0.025	0.17	2.13	31	0.18	8.24	173	1.8
ZZ85655		0.014	0.31	11.25	32	0.19	8.10	681	1.6
ZZ85656		0.018	0.37	8.85	38	0.13	8.57	275	2.2
ZZ85657		0.018	0.16	0.95	37	0.21	8.62	107	2.6
ZZ85658		0.026	0.17	0.89	59	0.25	12.25	92	2.8
ZZ85659		0.019	0.20	1.11	48	0.19	10.95	105	2.2
ZZ85660		0.016	0.16	3.44	27	0.14	5.81	140	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)		
Applies to Method:	ME-MS41		
	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).		
Applies to Method:	ME-MS41		

LABORATORY ADDRESSES

	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
Applies to Method:	LOG-22	SCR-41	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
Applies to Method:	Au-ICP21	ME-MS41	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

CERTIFICATE WH13135033

Project: Nadaleen

P.O. No.: S13-S04

This report is for 8 Soil samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135033

Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ34663	0.48	0.002	0.31	0.63	3	<0.2	<10	550	0.62	0.37	12.85	2.49	8.16	6.9	106
ZZ34664	0.51	0.001	0.47	0.48	16.8	<0.2	<10	470	0.51	0.49	0.84	0.47	7.95	2.4	84
ZZ34665	0.45	<0.001	0.09	0.28	4	<0.2	<10	190	0.22	0.08	17.35	5.63	6.58	3.8	19
ZZ34615	0.45	0.102	0.30	0.69	57	<0.2	<10	50	1.01	0.23	11.00	0.40	14.90	10.1	9
ZZ34616	0.46	0.022	0.10	0.19	18.6	<0.2	<10	20	0.61	0.28	8.00	0.04	4.81	8.5	5
ZZ34617	0.41	0.002	0.92	0.94	286	<0.2	<10	250	0.42	0.28	0.03	0.65	16.05	4.0	16
ZZ34618	0.31	0.009	2.40	2.28	219	<0.2	<10	200	0.98	0.36	0.10	0.59	24.7	9.2	33
ZZ34707	0.82	0.001	0.05	1.38	10.7	<0.2	20	1100	0.81	0.18	9.79	15.50	17.75	15.7	54

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135033

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
ZZ34663		1.47	26.7	3.10	1.35	0.05	0.06	0.16	0.053	0.12	10.8	5.3	0.10	169	1.69	0.02
ZZ34664		1.48	29.8	3.51	1.33	<0.05	0.06	0.33	0.069	0.22	4.7	4.5	0.04	70	3.71	0.02
ZZ34665		0.84	10.6	0.69	0.69	<0.05	0.03	0.04	0.014	0.05	11.5	3.2	0.09	198	0.83	0.02
ZZ34615		0.61	26.7	3.13	1.00	<0.05	0.07	0.65	0.026	0.06	6.1	4.2	6.31	675	0.30	0.02
ZZ34616		0.96	19.0	3.69	0.54	<0.05	0.09	0.22	0.013	0.06	2.3	2.3	4.48	276	0.14	0.01
ZZ34617		3.31	30.6	2.87	3.84	<0.05	<0.02	0.66	0.034	0.10	7.8	5.9	0.15	117	3.64	0.01
ZZ34618		4.56	37.8	3.67	4.92	<0.05	0.12	3.15	0.050	0.12	11.8	15.1	0.42	301	2.79	0.02
ZZ34707		2.21	31.5	1.99	3.30	0.08	0.10	0.09	0.037	0.30	25.1	9.7	0.14	487	1.95	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135033

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ34663		0.06	145.0	1410	10.4	11.2	0.001	0.11	0.85	3.9	2.5	0.4	85.0	<0.01	0.15	3.1
ZZ34664		<0.05	37.2	750	19.4	18.9	0.002	0.44	0.83	4.8	2.4	0.6	67.6	<0.01	0.18	4.5
ZZ34665		<0.05	59.4	1470	3.9	5.2	0.001	0.09	0.30	1.8	1.3	0.2	97.5	<0.01	0.03	1.4
ZZ34615		0.09	30.3	1470	55.8	2.8	<0.001	0.06	5.68	3.8	1.0	0.3	46.3	<0.01	0.04	1.6
ZZ34616		<0.05	21.3	280	50.9	3.0	<0.001	0.02	2.27	4.4	0.5	0.3	24.9	<0.01	0.03	3.5
ZZ34617		0.71	17.1	340	70.1	15.0	<0.001	0.13	3.84	1.9	1.8	0.6	23.2	<0.01	0.07	2.2
ZZ34618		1.27	27.8	610	403	19.7	0.001	0.12	3.32	4.0	2.0	0.6	21.5	<0.01	0.07	6.5
ZZ34707		0.18	651	>10000	11.9	20.2	0.003	0.03	1.31	6.1	1.7	0.6	68.8	<0.01	0.17	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135033

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ34663		<0.005	0.20	0.97	56	<0.05	29.6	692	2.7
ZZ34664		<0.005	0.33	0.81	42	<0.05	10.60	205	2.5
ZZ34665		<0.005	0.11	1.58	22	<0.05	25.9	267	1.4
ZZ34615		<0.005	0.07	1.78	10	0.10	14.75	129	2.0
ZZ34616		<0.005	0.09	0.43	7	0.40	5.35	21	5.0
ZZ34617		0.014	0.42	0.67	70	0.14	3.42	130	<0.5
ZZ34618		0.025	0.49	1.09	64	0.26	4.86	128	3.9
ZZ34707		<0.005	0.34	10.75	101	0.05	79.8	3150	7.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135033

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)

Applies to Method:	ME-MS41		

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method:	ME-MS41		

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	LOG-22	SCR-41	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-ICP21	ME-MS41	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUN-2013
Account: RCM

CERTIFICATE WH13102985

Project: Nadaleen

P.O. No.: Sunrise

This report is for 5 Soil samples submitted to our lab in Whitehorse, YT, Canada on 10-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS41	51 anal. aqua regia ICPMS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13102985

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1
ZZ34606		0.20	>10.0	18.20	2.56	0.72	5550	16.7	10	290	0.81	0.20	1.81	0.60	28.6	10.4
ZZ34607		0.20	4.70		1.53	0.64	3710	3.8	10	210	0.88	0.29	2.75	0.42	12.30	13.7
ZZ34608		0.17	1.790		0.52	0.54	1550	1.5	<10	130	1.06	0.33	1.74	0.19	11.50	15.6
ZZ34609		0.25	0.010		0.11	0.31	764	<0.2	<10	130	1.07	0.38	1.96	0.06	8.46	17.8
ZZ34610		0.16	0.003		0.12	0.34	48.1	<0.2	<10	170	1.11	0.37	2.01	0.05	7.94	21.1

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Sample Description	Method Analyte Units LOR	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05
ZZ34606		18	2.44	40.5	2.47	2.72	0.08	0.07	19.20	0.032	0.15	11.5	6.9	0.33	785	1.00
ZZ34607		9	5.73	34.6	2.97	1.65	0.07	0.07	6.81	0.036	0.15	4.7	4.2	0.89	679	0.87
ZZ34608		9	3.94	37.6	3.40	1.49	0.08	0.07	2.20	0.039	0.14	4.4	3.5	0.47	502	0.74
ZZ34609		7	3.65	39.0	3.33	0.96	0.08	0.11	0.83	0.034	0.10	2.7	1.3	0.34	573	1.14
ZZ34610		8	9.00	36.9	4.00	1.17	0.10	0.15	0.46	0.043	0.13	2.4	1.9	0.14	480	0.88

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ZZ34606		<0.01	0.13	24.3	650	24.8	11.4	<0.001	0.03	20.8	4.5	1.1	0.6	149.0	<0.01	0.05
ZZ34607		0.01	0.11	30.6	750	20.4	11.2	<0.001	0.09	7.57	5.5	0.7	0.5	91.5	<0.01	0.05
ZZ34608		<0.01	0.09	34.6	750	20.2	9.4	<0.001	0.04	2.96	6.2	0.8	0.5	68.0	<0.01	0.05
ZZ34609		<0.01	0.06	39.7	950	28.5	7.2	0.001	0.02	1.55	5.7	1.1	0.4	118.0	<0.01	0.04
ZZ34610		<0.01	0.06	44.5	890	39.5	11.4	0.002	0.13	1.42	6.6	1.0	0.5	118.0	<0.01	0.04

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CERTIFICATE OF ANALYSIS WH13102985

Sample Description	Method Analyte Units LOR	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
ZZ34606		4.8	<0.005	47.4	4.68	23	0.42	12.85	117	3.1
ZZ34607		4.7	<0.005	21.0	1.65	15	0.57	10.00	105	3.5
ZZ34608		5.1	<0.005	5.26	1.08	15	0.21	9.94	97	3.3
ZZ34609		5.5	<0.005	1.43	1.20	11	0.23	10.55	102	5.4
ZZ34610		6.1	<0.005	0.66	0.75	11	0.06	10.45	107	6.2

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Finalized Date: 15-JUN-2013
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CERTIFICATE OF ANALYSIS WH13102985

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
	LOG-22	SCR-41	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
	Au-GRA21	Au-ICP21	ME-MS41

APPENDIX VI

EXCAVATOR PIT – ROCK SAMPLE DESCRIPTIONS

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-1	619438	7113237	Q007477	2.7	Calcite veining in darker coloured micrite.
AnEx-1	619438	7113237	Q007478	2.7	Oxidizing, calcareous sandstone. Quartz veining.
AnEx-1	619438	7113237	Q007479	2.7	Silty, pyritic limestone
AnEx-1	619438	7113237	Q007480	2.7	Silty, pyritic limestone
AnEx-1	619438	7113237	Q007481	2.7	Fossiliferous wackestone. Dark grey possibly DCA.
AnEx-1	619438	7113237	Q007482	2.7	Assorted small rock fragments from pit bottom.
AnEx-3	619390	7113206	Q007483	2.7	Oxidizing clast from pit.
AnEx-3	619390	7113206	Q007484	2.7	DCA, Ox limestone from pit.
AnEx-3	619390	7113206	Q007485	2.7	Oxidizing, decarbed calcareous siltstones.
AnEx-3	619390	7113206	Q007486	2.7	oxidizing decarbed limestone
AnEx-3	619390	7113206	Q007487	2.7	large fragment of oxidizing calcareous siltstone. Thickly bedded
AnEx-3	619390	7113206	Q007488	2.7	Oxidizing DCA limestone.
AnEx-3	619390	7113206	Q007489	2.7	Bags of low competency oxidizing material and small rock fragments from pit bottom.
AnEx-3	619390	7113206	Q007490	2.7	Bags of low competency oxidizing material and small rock fragments from pit bottom.
AnEx-3	619390	7113206	Q007491	2.7	Bags of low competency oxidizing material and small rock fragments from pit bottom.
AnEx-4	619365	7113199	Q007492	3.0	Large limonitic clast within till.
AnEx-5	619341	7113184	Q007493	1.5	Frozen, highly oxidized clayey material.
AnEx-5	619341	7113184	Q007494	1.5	Large limonite clast within clayey oxidized material.
AnEx-5	619341	7113184	Q007495	1.5	Powdery, oxide material.
AnEx-6	619311	7113238	Q007496	3.7	DCA argillite clast from transported cover layer. Likely sourcing from hanging wall of nothern fault
AnEx-5	619341	7113184	Q007497	1.5	Powdery, oxide material.
AnEx-9	619388	7113171	Q007498	1.8	highly oxidized clay near pit bottom.
AnEx-9	619388	7113171	Q007499	1.8	Locally oxidized limestone from pit wall.
AnEx-10	619420	7113193	Q007500	2.1	Calcite vein fragment with crenulated wall rock slivers and altered wall rock clasts.
AnEx-10	619420	7113193	Q007501	2.1	small rock fragments from pit bottom.
AnEx-11	619412	7113170	Q007502	2.7	Preferentially oxidized,m thinly bedded calcareous siltstone samples.
AnEx-11	619412	7113170	Q007503	2.7	Preferentially oxidized,m thinly bedded calcareous siltstone samples.
AnEx-11	619412	7113170	Q007504	2.7	Preferentially oxidized,m thinly bedded calcareous siltstone samples.
AnEx-11	619412	7113170	Q007505	2.7	Preferentially oxidized,m thinly bedded calcareous siltstone samples.
AnEx-11	619412	7113170	Q007506	2.7	Preferentially oxidized,m thinly bedded calcareous siltstone samples.
AnEx-11	619412	7113170	Q007507	2.7	Assorted, fine grained soil and rock fragments from pit bottom.
AnEx-12	619432	7113159	Q007508	3.0	small rock fragments and oxidizing clay from pit bottom.
AnEx-12	619432	7113159	Q007509	3.0	Oxidizing clay

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-12	619432	7113159	Q007510	3.0	Preferentially oxidizing calcareous siltstone.
AnEx-13	619462	7113108	Q007511	3.0	Light grey highly altered pod.
AnEx-13	619462	7113108	Q007512	3.0	Light grey highly altered pod.
AnEx-13	619462	7113108	Q007513	3.0	Altered argillite clasts within sandy pod.
AnEx-13	619462	7113108	Q007514	3.0	Oxide material from upper horizon.
AnEx-13	619462	7113108	Q007515	3.0	Brown-grey powdery material from pit bottom
AnEx-13	619462	7113108	Q007516	3.0	Black powdery material from pit bottom
AnEx-13	619462	7113108	Q007517	3.0	Black powdery material from pit bottom
AnEx-13	619462	7113108	Q007518	3.0	Oxidizing argillite clast from pit bottom.
AnEx-13	619462	7113108	Q007535	3.0	Light coloured material within pod. Full of fg quartz, very porous and weakly calcareous.
AnEx-13	619462	7113108	Q007536	3.0	Light coloured material within pod. Full of fg quartz, very porous and weakly calcareous.
AnEx-13	619462	7113108	Q007537	3.0	Light coloured material within pod. Full of fg quartz, very porous and weakly calcareous.
AnEx-13	619462	7113108	Q007538	3.0	Light coloured material within pod. Full of fg quartz, very porous and weakly calcareous.
AnEx-14	619423	7113108	Q007519	1.8	Competent, highly fractured, oxidized, lower siliceous argillite.
AnEx-14	619423	7113108	Q007520	1.8	Competent, highly fractured, oxidized, lower siliceous argillite.
AnEx-14	619423	7113108	Q007521	1.8	Competent, highly fractured, oxidized, lower siliceous argillite.
AnEx-14	619423	7113108	Q007522	1.8	Competent, highly fractured, oxidized, lower siliceous argillite.
AnEx-14	619423	7113108	Q007523	1.8	Competent, highly fractured, oxidized, lower siliceous argillite.
AnEx-14	619423	7113108	Q007524	1.8	Competent, highly fractured, oxidized, lower siliceous argillite.
AnEx-14	619423	7113108	Q007525	1.8	Sandy, powdery oxide from lower argillite horizon.
AnEx-14	619423	7113108	Q007526	1.8	Clayey oxide from upper argillite horizon.
AnEx-14	619423	7113108	Q007527	1.8	Dark clayey argillite from upper horizon.
AnEx-14	619423	7113108	Q007528	1.8	Dark clayey argillite from upper horizon.
AnEx-15	619450	7113123	Q007529	2.1	Hematitic, extremely oxidized material from fault zone..
AnEx-15	619450	7113123	Q007530	2.1	Extremely oxidized material from fault zone.
AnEx-15	619450	7113123	Q007531	2.1	Extremely oxidized material from fault zone.
AnEx-15	619450	7113123	Q007532	2.1	Extremely oxidized material from fault zone.
AnEx-15	619450	7113123	Q007533	2.1	Dark, carbonaceous argillite clay above fault zone.
AnEx-15	619450	7113123	Q007534	2.1	Brown clay layer between upper argillite horizon and oxidized fault zone.
AnEx-16	619390	7113132	Q007539	4.6	Clayey oxide from bottom of pit.
AnEx-16	619390	7113132	Q007540	4.6	Competent oxidizing clasts from pit bottom
AnEx-16	619390	7113132	Q007541	4.6	Competent oxidizing clasts from pit bottom
AnEx-16	619390	7113132	Q007542	4.6	Clayey oxide ~4ft above pit bottom.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-16	619390	7113132	Q007543	4.6	Dark clay with argillite fragments from above oxide horizon.
AnEx-17	619357	7113119	Q007544	3.7	Low competency carbonaceous argillite from bottom of pit.
AnEx-17	619357	7113119	Q007545	3.7	Low competency carbonaceous argillite from bottom of pit.
AnEx-17	619357	7113119	Q007546	3.7	Low competency carbonaceous argillite from bottom of pit.
AnEx-17	619357	7113119	Q007547	3.7	Large fragments of competent, slightly oxidizing carbonaceous argillite from pit bottom.
AnEx-17	619357	7113119	Q007548	3.7	Smaller, brown, oxidizing carbonaceous argillite fragments.
AnEx-18	619403	7113146	Q007549	3.7	Highly oxidized fault zone material.
AnEx-18	619403	7113146	Q007550	3.7	Highly oxidized fault zone material.
AnEx-18	619403	7113146	Q007551	3.7	Highly oxidized fault zone material.
AnEx-18	619403	7113146	Q007552	3.7	Highly oxidized fault zone material.
AnEx-13	619462	7113088	Q007567	3.7	DCA, silicified argillite.
AnEx-21	619445	7113081	Q007568	3.7	Powdery, carbonaceous argillite from pit bottom.
AnEx-21	619445	7113081	Q007569	3.7	Powdery, carbonaceous argillite from pit bottom.
AnEx-21	619445	7113081	Q007570	3.7	Brown, fine grained sandy silt from colluvial layer.
AnEx-21	619445	7113081	Q007571	3.7	Clayey argillite fragments near pit bottom.
AnEx-21	619445	7113081	Q007572	3.7	Brown clay from lithic clasts from colluvial layer
AnEx-21	619445	7113081	Q007573	3.7	Brown clay from lithic clasts from colluvial layer
AnEx-22	619319	7113102	Q007574	4.6	Localized oxide material within pit.
AnEx-22	619319	7113102	Q007575	4.6	Fine grained argillite material near pit bottom
AnEx-23	619474	7113086	Q007576	3.0	Clayey oxide horizon.
AnEx-23	619474	7113086	Q007577	3.0	Clayey oxide horizon.
AnEx-23	619474	7113086	Q007578	3.0	Dark clay from lower horizon.
AnEx-23	619474	7113086	Q007579	3.0	Oxidizing, fossiliferous wackestone with calcite veining.
AnEx-23	619474	7113086	Q007580	3.0	Limonite from oxide horizon.
AnEx-23	619474	7113086	Q007581	3.0	Fine grained material from lower horizon.
AnEx-23	619474	7113086	Q007582	3.0	DCA fossiliferous limestone with ferruginous calcite from lower horizon.
AnEx-23	619474	7113086	Q007583	3.0	DCA fossiliferous limestone with ferruginous calcite from lower horizon.
AnEx-24	619276	7112783	Q007692	4.6	Black powdery argillite above sandy bottom horizon.
AnEx-24	619276	7112783	Q007693	4.6	Black powdery argillite above sandy bottom horizon.
AnEx-24	619276	7112783	Q007694	4.6	Black powdery argillite above sandy bottom horizon.
AnEx-24	619276	7112783	Q007695	4.6	Competent, sandy limestone with calcite veining above bottom horizon.
AnEx-24	619276	7112783	Q007696	4.6	Sandy, altered, variably oxidized argillite with quartz and calcite veining from lower horizon.
AnEx-24	619276	7112783	Q007697	4.6	Sandy, altered, variably oxidized argillite with quartz and calcite veining from lower horizon.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-24	619276	7112783	Q007698	4.6	Sandy, altered, variably oxidized argillite with quartz and calcite veining from lower horizon.
AnEx-24	619276	7112783	Q007699	4.6	Sandy, altered, variably oxidized argillite with quartz and calcite veining from lower horizon.
AnEx-24	619276	7112783	Q007700	4.6	Sandy, altered, variably oxidized argillite with quartz and calcite veining from lower horizon.
AnEx-24	619276	7112783	Q007701	4.6	Sandy, altered, variably oxidized argillite with quartz and calcite veining from lower horizon.
AnEx-25	619274	7112808	Q007702	3.7	Black powdery argillite with disseminated oxide material.
AnEx-25	619274	7112808	Q007703	3.7	Black powdery argillite with disseminated oxide material.
AnEx-25	619274	7112808	Q007704	3.7	Black powdery argillite with disseminated oxide material.
AnEx-25	619274	7112808	Q007705	3.7	Black powdery argillite with disseminated oxide material.
AnEx-25	619274	7112808	Q007706	3.7	Grey fractured argillite, minor oxidation from pit bottom.
AnEx-25	619274	7112808	Q007707	3.7	Rounded oxidized clast from colluvial layer above pit.
AnEx-26	619268	7112815	Q007708	3.7	Black powdery argillite near pit bottom.
AnEx-26	619268	7112815	Q007709	3.7	Black powdery argillite near pit bottom.
AnEx-26	619268	7112815	Q007710	3.7	Black powdery argillite near pit bottom.
AnEx-26	619268	7112815	Q007711	3.7	Samples of minor oxide found below till horizon.
AnEx-26	619268	7112815	Q007712	3.7	Samples of minor oxide found below till horizon.
AnEx-26	619268	7112815	Q007713	3.7	Clayey more competent argillite. Looks like gouge.
AnEx-28	619275	7112838	Q007714	3.7	Material from bleached, sandy seams.
AnEx-28	619275	7112838	Q007715	3.7	Material from bleached, sandy seams.
AnEx-28	619275	7112838	Q007716	3.7	Material from bleached, sandy seams.
AnEx-28	619275	7112838	Q007717	3.7	Material from bleached, sandy seams.
AnEx-28	619275	7112838	Q007718	3.7	Black, powdery argillite.
AnEx-28	619275	7112838	Q007719	3.7	Black, powdery argillite.
AnEx-28	619275	7112838	Q007720	3.7	Black, powdery argillite.
AnEx-28	619275	7112838	Q007721	3.7	Black, powdery argillite.
AnEx-28	619275	7112838	Q007722	3.7	Sandy, oxide material.
AnEx-28	619275	7112838	Q007723	3.7	Sandy, oxide material.
AnEx-28	619275	7112838	Q007724	3.7	Sandy, oxide material.
AnEx-29	619270	7112823	Q007725	3.0	Black powdery argillite with ox material from back wall of pit at ~7ft depth.
AnEx-29	619270	7112823	Q007726	3.0	Black powdery argillite with ox material from back wall of pit at ~7ft depth.
AnEx-29	619270	7112823	Q007727	3.0	Black powdery argillite with ox material from back wall of pit at ~7ft depth.
AnEx-29	619270	7112823	Q007728	3.0	Black powdery argillite with ox material from back wall of pit at ~7ft depth.
AnEx-29	619270	7112823	Q007729	3.0	Black powdery argillite with ox material from back wall of pit at ~7ft depth.
AnEx-29	619270	7112823	Q007730	3.0	Black powdery arg sample from teeth off pit bototm

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-30	619289	7112850	Q007731	2.4	Coarse clasts near pit bottom with oxidation and euhedral Qz.
AnEx-30	619289	7112850	Q007732	2.4	Coarse clasts near pit bottom with oxidation and euhedral Qz.
AnEx-30	619289	7112850	Q007733	2.4	Coarse clasts near pit bottom with oxidation and euhedral Qz.
AnEx-30	619289	7112850	Q007734	2.4	Black powdery argillite from pit bototm.
AnEx-30	619289	7112850	Q007735	2.4	Clayey oxide material from seams within argillite.
AnEx-30	619289	7112850	Q007736	2.4	Clayey oxide material from seams within argillite.
AnEx-31	619302	7112864	Q007737	3.7	Black clay from alteration zone.
AnEx-31	619302	7112864	Q007738	3.7	Black clay from alteration zone.
AnEx-31	619302	7112864	Q007739	3.7	Grey clay with Sbo altered clasts
AnEx-31	619302	7112864	Q007740	3.7	Oxdized rock fragments
AnEx-31	619302	7112864	Q007741	3.7	Oxdized rock fragments
AnEx-31	619302	7112864	Q007742	3.7	Oxdized rock fragments
AnEx-31	619302	7112864	Q007743	3.7	Highly altered clast. Near massive SbO.
AnEx-31	619302	7112864	Q007744	3.7	Black clay.
AnEx-31	619302	7112864	Q007745	3.7	Black clay.
AnEx-31	619302	7112864	Q007746	3.7	Argillite clasts with SbO and euhedral Qz.
AnEx-31	619302	7112864	Q007747	3.7	Argillite clasts with SbO and euhedral Qz.
AnEx-34	619111	7113442	Q013101	1.8	Weakly oxidized gouge with rounded pebbles and non-calc argillite chips
AnEx-34	619111	7113442	Q013102	3.7	Brown clay with unaltered limestone fragments
AnEx-34	619111	7113442	Q013103	3.7	Brown clay with angular limestone clasts
AnEx-35	619123	7113480	Q013104	0.9	Oxidized clayey material adjacent to unaltered limestone
AnEx-36	619144	7113533	Q013105	0.9	Brown gouge above black crystalline limestone with calcite veinlets
AnEx-36	619144	7113533	Q013106	3.0	Weakly oxidized brown gouge above micrite horizon
AnEx-36	619144	7113533	Q013107	4.0	Black, crumbly micrite at pit bottome
AnEx-37	619148	7113578	Q013108	1.5	Brown-black clay with subangular limestone fragments
AnEx-37	619148	7113578	Q013109	1.5	Fine-coarse black sandy material and brown gouge
AnEx-38	619082	7113428	Q013110	0.9	Fine-medium grained, non-calcareous black sandy material
AnEx-38	619082	7113428	Q013111	2.4	Black sand with dark grey rounded pebbles and brown gouge
AnEx-38	619082	7113428	Q013112	2.7	Brown gouge
AnEx-38	619082	7113428	Q013113	2.7	Coarse black sand, noncalcareous
AnEx-38	619082	7113428	Q013114	3.0	Brown, weakly oxidized clay with angular limestone fragments
AnEx-38	619082	7113428	Q013115	3.4	Brown, weak oxidized clay with limestone clasts. Pit bottom.
AnEx-39	619038	7113544	Q013116	0.9	Dark grey grit from pile

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-39	619038	7113544	Q013117	2.1	Oxidized brown, flaggy crystalline limestone with minor grey gouge and brouwn gouge with strong Fe-oxide.
AnEx-39	619038	7113544	Q013118	2.1	Dark grey gouge with angular rock fragments from black horizon.
AnEx-40	619052	7113588	Q013119	1.5	Strong Fe-oxide altered limestone from pit bottom
AnEx-40	619052	7113588	Q013120	0.9	Oxidized clay with angular rock fragments from mound
AnEx-40	619052	7113588	Q013121	1.5	Brown clay
AnEx-41	619062	7113627	Q013122	2.4	Brown clay between rounded cobbles.
AnEx-41	619062	7113627	Q013123	0.6	Brown clay between rounded cobbles.
AnEx-41	619062	7113627	Q013124	2.4	Brown clay with angular limestone fragments
AnEx-41	619062	7113627	Q013125	2.4	Light brown oxidized, non-calcareous material with round fragments
AnEx-40	619052	7113588	Q013126	1.5	*Sample out of pit sequence. Grey clay, no clasts. From sidewall
AnEx-41	619062	7113627	Q013127	2.4	Non-calcareous black clay with angular fragments
AnEx-41	619062	7113627	Q013128	2.4	Coarse fraction of oxidized material in Q013125
AnEx-41	619062	7113627	Q013129	2.4	Coarse fraction of angular fragments in black cly in Q03127
AnEx-43	619106	7113714	Q013130	2.4	Brown-black dirt, minor clay between angular limestone boulders
AnEx-44	619139	7113695	Q013131	2.4	Medium grey clay with subangular limestone clasts
AnEx-44	619139	7113695	Q013132	3.0	Grey clay with subangular limestone fragments
AnEx-44	619139	7113695	Q013133	1.5	Dark grey clay with subangular limestone fragments from mound
AnEx-45	6198975	7113637	Q013134	1.2	Brown clay with angular rock chips
AnEx-45	6198975	7113637	Q013135	1.2	Brown clay
AnEx-45	6198975	7113637	Q013136	0.6	Dark brown dirt
AnEx-45	6198975	7113637	Q013137	0.9	Dark brown clay with yellow staining
AnEx-45	6198975	7113637	Q013138	1.8	Crystalline limestone with calcite veining (grab)
AnEx-45	6198975	7113637	Q013139	1.8	Brown clay with yellow staining
AnEx-46	618926	7113621	Q013140	1.2	Medium grey clay with subrounded polylithic fragments
AnEx-46	618926	7113621	Q013141	1.5	Medium grey clay with yellow streaks taken between rounded polylithics
AnEx-46	618926	7113621	Q013142	2.1	Yellow-brown dirt with minor clay component
AnEx-46	618926	7113621	Q013143	2.1	Black platy material occurs locally within clay material. Minor component of pit material
AnEx-46	618926	7113621	Q013144	2.7	Brown dirt with increase in clay component compared to Q013142
AnEx-46	618926	7113621	Q013145	2.7	Fine grained brown weathered rock. Coarse fraction of Q013142.
AnEx-46	618926	7113621	Q013146	3.0	Yellow-brown clayey dirt from pit bottom.
AnEx-46	618926	7113621	Q013147	3.0	Grey clay with angular non-calc rock fragments. Minor compenent of pit material.
AnEx-47	618878	7113612	Q013148	1.8	Brown limey clay material with subangular polylithics

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-47	618878	7113612	Q013149	1.8	Dark grey, limey clay wth subangular polylithics
AnEx-47	618878	7113612	Q013150	1.8	Light brown clay with subangular limestone fragments
AnEx-47	618878	7113612	Q013151	1.8	Coarse fraction of Q013150 material
AnEx-47	618878	7113612	Q013152	2.1	Dark grey, crystalline limestone chips from hole bottom
AnEx-47	618878	7113612	Q013153	1.5	Brown-grey horizon with limestone fragments above yellow weatheredrock
AnEx-48	619002	7113667	Q013154	0.9	Brown clayey-dirt with angular +/-calcic clasts
AnEx-48	619002	7113667	Q013155	0.6	Dark seem (5 cm) of clayey grit between overburden and limestone
AnEx-48	619002	7113667	Q013156	0.9	Crystalline limestone with yellow-orange powdery alteration. Pit bottom.
AnEx-49	619033	7113708	Q013157	0.9	Dark brown clay with subangular pebbles. Weakly limey
AnEx-49	619033	7113708	Q013158	1.1	Light orangey-brown limey clayey dirt with angular limestone clasts
AnEx-49	619033	7113708	Q013159	2.4	Soft brown dirt with soft clasts. Sample is limey.
AnEx-49	619033	7113708	Q013160	2.1	Weaklyhydrothermally altered or strongly weathered limestone. Coarse fraction.
AnEx-49	619033	7113708	Q013161	2.1	Dark grey clay material with soft clasts
AnEx-49	619033	7113708	Q013162	3.0	Dark brown, altered limestone. Coarse fraction taken from angular cobbles.
AnEx-50	619063	7113748	Q013163	1.5	Light brown-yellow clayey, non-calcareous < wakly calcareous material with soft angular clasts
AnEx-50	619063	7113748	Q013164	2.4	Dark grey, fine-grained platy, non--calcareous argillite. Coarse fraction.
AnEx-50	619063	7113748	Q013165	2.7	Dark grey, fine-grained platy, non--calcareous argillite. Soft easily crumbled.
AnEx-51	619018	7113749	Q013166	2.1	Clayey grit between angular fossiliferous limestone boulders
AnEx-51	619018	7113749	Q013167	0.9	Brown material between black horizons
AnEx-52	619001	7113619	Q013168	1.2	Coarse loose calcite with oxidized material
AnEx-52	619001	7113619	Q013169	1.5	Coarse loose calcite with oxidized material from north pit corner
AnEx-52	619001	7113619	Q013170	2.4	Altered material, black fine-grained; soft, crumbles to touch
AnEx-52	619001	7113619	Q013171	3.0	Coarse loose calcite and fine-grained dark grey rock that turns clayey to touch (non-calcareous).
AnEx-53	619027	7113580	Q013172	0.9	Red stained dirty clay in mix with fresh crystalline limestone
AnEx-53	619027	7113580	Q013173	1.8	Red oxidized and dark grey material with black platy chip component
AnEx-53	619027	7113580	Q013174	1.8	Mix of red oxidized material, black coarse fragments and brown clay.
AnEx-53	619027	7113580	Q013175	3.0	Black crumbly decalcified limestone(?) Minor pitting.
AnEx-53	619027	7113580	Q013176	3.0	Greenish oxide with red oxide and brown clay
AnEx-53	619027	7113580	Q013177	3.4	Strong oxidized clay with black coarse material and beige streaks
AnEx-54	619066	7113538	Q013178	1.8	Orange-brown oxidized clay below grey till. Might be overburden
AnEx-54	619066	7113538	Q013179	3.4	Grey clay material, likely till.
AnEx-55	619076	7113492	Q013180	0.3	Black sandy soil with brown clay

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-49	619033	7113708	Q013181	2.1	Fragment of massive calcite vein with hydrothermal pitting associated with brown staining (sample out of order)
AnEx-51	619018	7113749	Q013182	2.1	Massive calcite vein with oxide in fossiliferous limestone (sample out of order)
AnEx-55	619076	7113492	Q013183	0.6	Crystalline limestone breccia with powdery brown oxidized matrix.(sample out of order)
Grab	619308	7113144	Q013184	0.0	Grab on knoll on way to ridgetop pitting. Fossiliferous limestone breccia with beige powdery matrix. Similar to Q013183 in AnEx-55. Founded on mound of grey dirt with other angular lst cobbles.
AnEx-56	619176	7112846	Q013185	0.9	Oxidized and black material with pits
AnEx-56	619176	7112846	Q013186	0.9	Oxidized sandy material with chips
AnEx-56	619176	7112846	Q013187	0.9	Black, platy argillite with minor oxide material
AnEx-56	619176	7112846	Q013188	1.2	Black platy argillite with oxidation
AnEx-56	619176	7112846	Q013189	1.5	Black argillite from S wall/pit floor
AnEx-57	619178	7112836	Q013190	0.9	Argillite chips with oxide material
AnEx-57	619178	7112836	Q013191	0.9	Argillite chips with oxide material
AnEx-57	619178	7112836	Q013192	0.9	Black, sandy material with argillite
AnEx-57	619178	7112836	Q013193	0.9	Oxidized argillite
AnEx-57	619178	7112836	Q013194	0.9	Crystalline limestone with calcite veining
AnEx-58	619183	7112856	Q013195	0.9	Dark grey argillite fragments; with trace oxide
AnEx-58	619183	7112856	Q013196	0.9	Grey sand adjacent to argillite in pit wall
AnEx-58	619183	7112856	Q013197	0.9	Coarse fraction of Q013196
AnEx-58	619183	7112856	Q013198	0.9	Sample across 1ft oxidization streak. Rake 80 on north pit wall trending 250
AnEx-58	619183	7112856	Q013199	0.9	Argillite chips from pit floor with oxide and grey sand
AnEx-59	619192	7112867	Q013200	1.2	Chip sample for 0-4 ft mark northward across W pit wall. Argillite with oxidation streaks
AnEx-59	619192	7112867	Q013001	1.2	Chip sample for 4-10 northward ft across W pit wall. Argillite with oxidation streaks
AnEx-59	619192	7112867	Q013002	1.2	Argillite with weak oxidation. Pit floor
AnEx-59	619192	7112867	Q013003	0.9	Chip sample across E wall (10ft). Sandy argillite
AnEx-59	619192	7112867	Q013004	1.2	Sample of north wall. Argillite with weak oxidation
AnEx-60	619194	7112879	Q013005	0.9	Dark grey argillite with weak oxidation. Sample 0-4ft mark northward across W pit wall
AnEx-60	619194	7112879	Q013006	0.9	Moderately oxidized argillite. Sample 4-7ft mark northward across W pit wall
AnEx-60	619194	7112879	Q013007	0.6	Weakly oxdized argillite. Sample 7-10ft mark northward across W pit wall
AnEx-60	619194	7112879	Q013008	0.9	Dark grey and brown argillite; soft, sandy
AnEx-60	619194	7112879	Q013009	0.6	Oxdized argillite
AnEx-61	619198	7112893	Q013010	1.2	Black argillite chips, minor aresnic oxide. 0-6ft mark across pit toward the northwest
AnEx-61	619198	7112893	Q013011	1.2	Black argillite chips, minor aresnic oxide. 6-12ft mark across pit toward the northwest

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-61	619198	7112893	Q013012	1.2	Sandy, black argillite chips with brown oxide. Water trickling through. 12-18ft mark across pit toward the northwest
AnEx-61	619198	7112893	Q013013	0.9	Sandy black material 18-24ft mark across pit toward the northwest
AnEx-61	619198	7112893	Q013014	0.6	Sandy black material with argillite chips 24-30ft mark across pit toward the northwest
AnEx-61	619198	7112893	Q013015	1.2	Brown clay from trench floor ~15ft mark along trench from SW corner.
AnEx-61	619198	7112893	Q013016	1.2	Trench floor. Green-brown clay with strongly oxidized angular fragmetns from suspected fault zone
AnEx-61	619198	7112893	Q013017	1.2	Oxidized material with platy argillite from pile
AnEx-62	619191	7112894	Q013018	0.9	South wall; black platy-sandy argillite
AnEx-62	619191	7112894	Q013019	0.6	Porous, oxidized altered argillite (?) In situ 277/52S
AnEx-62	619191	7112894	Q013020	1.2	Black sand transitions to platy argillite at 5 ft mark. 0-6ft mark across pit toward the northwest
AnEx-62	619191	7112894	Q013021	1.2	Platy argillite with 1ft oxidized material transition to black argillite with platy cleavage and trace yellow oxide. 6-12ft mark across pit toward the northwest.
AnEx-62	619191	7112894	Q013022	1.2	Argillite with platy cleavage, trace yellow oxide. 12-18ft mark across pit toward the northwest
AnEx-62	619191	7112894	Q013023	1.2	Relatively competent argillite with platy cleavage and yellow staining transitions to black clay sand at 20 ft mark. 18-24ft mark across pit toward the northwest
AnEx-62	619191	7112894	Q013024	0.9	Iron and arsenic oxide altered argillite. At 20 ft mark from SW wall.
AnEx-62	619191	7112894	Q013025	0.9	Brown oxide streak 1ft apparent thickness
AnEx-62	619191	7112894	Q013026	0.6	Strong iron > arsenic oxide altered argillite
AnEx-59	619192	7112867	Q013027	1.2	Moderately altered limestone. Sample out of sequence
AnEx-63	619187	7112885	Q013028	1.8	Brown and black, moderately oxidized, non-calcaerous argillite
AnEx-63	619187	7112885	Q013029	1.8	Black material, more crumbly than Q013028
AnEx-63	619187	7112885	Q013030	1.8	Black material, more crumbly than Q013028
AnEx-63	619187	7112885	Q013031	1.8	Platy argillite
AnEx-63	619187	7112885	Q013032	1.8	Brown material adjacent (north) to Q03031
AnEx-64	619181	7112874	Q013033	0.6	Argillite with brown oxide on fracture surfaces (fine fraction)
AnEx-64	619181	7112874	Q013034	0.6	Argillite with brown oxide on fracture surfaces (grab sample)
AnEx-65	619176	7112864	Q013035	1.5	Strongly oxidized material with argillite chips
AnEx-65	619176	7112864	Q013036	0.9	Black crystalline limestone with brown-green oxide (material comprises 15% of pit)
AnEx-66	619171	7112850	Q013037	1.2	Strongly oxidized argillite - soft, crumbly
AnEx-66	619171	7112850	Q013038	1.5	Iron-arsenic oxidized argillite - soft.
AnEx-66	619171	7112850	Q013039	1.5	Argillite chips from pit bottom
AnEx-67	619167	7112842	Q013040	1.5	Iron-arsenic (?) oxidized material (minor compontent of pit)
AnEx-67	619167	7112842	Q013041	1.5	Black, platy argillite, typical of pit
AnEx-68	619170	7112847	Q013042	1.2	Massive dolomite(?)/barite, subangular cobbles

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-68	619170	7112847	Q013043	1.2	Jet black sandy argillite and oxidized argillite
AnEx-68	619170	7112847	Q013044	1.2	6cm sandy black seam; runs subvertical
AnEx-68	619170	7112847	Q013045	1.2	Black sandy argillite
AnEx-69	618522	7112935	Q013048	0.9	Intensely altered, weakly limey, dark purple, orange, pitted porous limestone
AnEx-69	618522	7112935	Q013049	2.4	Pervasive oxidation in crystalline limestone
AnEx-69	618522	7112935	Q013050	2.4	Polylithic gray gravelly material with limestone fragments, no alteration. Pit bottom
AnEx-69	618522	7112935	Q013051	2.1	Polylithic material in brown clay
AnEx-69	618522	7112935	Q013052	2.1	Crystalline limestone from angular boulders. Typical in pit
AnEx-70	618543	7112967	Q013053	1.8	Limestone gravel from pit bottom
AnEx-70	618543	7112967	Q013054	1.8	Fresh crystalline limestone - typical in pit
AnEx-70	618543	7112967	Q013055	1.2	clayey dirt from south pit wall
AnEx-70	618543	7112967	Q013056	1.8	Brecciated crystalline limestone with calcite veins, reddish staining on fracture surfaces
AnEx-70	618543	7112967	Q013057	0.9	Fresh crystalline limestone with strong oxidation of fracture surfaces
AnEx-71	618507	7112920	Q013058	1.8	Arsenic oxide (?) in frozen horizon
AnEx-71	618507	7112920	Q013059	1.8	Gravelly argillite
AnEx-71	618507	7112920	Q013060	1.8	Frozen Fe-As oxide material with grey clay
AnEx-71	618507	7112920	Q013061	1.8	Dark grey argillite and oxide material - typical in pit
AnEx-71	618507	7112920	Q013062	3.0	Pit bottom, same as previous sample
AnEx-72	618569	7112932	Q013063	1.8	Oxidized clayey dirt
AnEx-72	618569	7112932	Q013064	2.1	Oxidized clayey dirt
AnEx-72	618569	7112932	Q013065	2.4	Weakly oxidized argillite grab from bottom
AnEx-73	618564	7112949	Q013066	0.9	Fresh dark grey xstalline lst
AnEx-73	618564	7112949	Q013067	0.9	dark grey clayey dirt, typical in pit
AnEx-74	618563	7112941	Q013068	1.2	Massive calcite with pervasive oxidation
AnEx-74	618563	7112941	Q013069	1.2	Brown clayey dirt with oxidization and calcite fragments
AnEx-74	618563	7112941	Q013070	1.5	Moderate oxidized gouge with massive euhedral calcite (< boulders!)
AnEx-74	618563	7112941	Q013071	2.7	Orange-brown oxidized clay dirt from pit bottom
AnEx-74	618563	7112941	Q013072	1.2	Brown-grey, fresh lst - overlies oxidized horizon
AnEx-75	618482	7112948	Q013073	2.1	Dark grey clayey grit, limey, btwn angular crystalline lst cobbles
AnEx-75	618482	7112948	Q013074	2.1	Angular lst cobbles - typical in pit
AnEx-75	618482	7112948	Q013075	2.7	Dark grey clayey lst gravel. Pit bottom.
AnEx-76	618482	7112939	Q013076	2.1	Iron-arsenic oxidized soft sandy material - frozen
AnEx-76	618482	7112939	Q013077	2.4	Black argillite, crumbles to touch

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-76	618482	7112939	Q013078	2.7	Soft argillite with minor iron-oxide and trace arsenic-oxide
AnEx-76	618482	7112939	Q013079	3.0	Grab - argillite with moderately pervasive iron-arsenic oxide
AnEx-76	618482	7112939	Q013080	3.0	Coarse crushed argillite
AnEx-76	618482	7112939	Q013081	3.7	Iron-arsenic oxide in argillite. Fine fraction in pit bottom
AnEx-77	618486	7112964	Q013082	0.9	Limestone chips from pit bottom
AnEx-77	618486	7112964	Q013083	0.9	Brown clayey sand. Fine fraction from pit bottom.
AnEx-78	618458	7112948	Q013084	3.4	Crumbly, silty argillite with greenish hue.
AnEx-79	618421	7112986	Q013085	4.0	Angular argillite chips from pit bottom
AnEx-79	618421	7112986	Q013086	0.0	Strongly oxidized, non-calcareous, siliceous rock taken from pile.
AnEx-79	618421	7112986	Q013087	2.7	Grab - argillite with moderately pervasive arsenic and antimony oxide
AnEx-79	618421	7112986	Q013088	3.0	Gravelly clay material. Non-calcareous
AnEx-79	618421	7112986	Q013089	4.3	Green-blue-yellow stained argillite chips from pit bottom. Coarse fraction.
AnEx-79	618421	7112986	Q013090	4.3	Green-blue-yellow stained argillite chips from pit bottom. Fine fraction.
AnEx-80	618371	7113010	Q013091	0.9	Crystalline, sugary and "gumy" limestone fragments with weak to moderate pervasive dark red oxide.
AnEx-80	618371	7113010	Q013092	1.8	Brown-orange-grey dirty grit from pit bottom
AnEx-80	618371	7113010	Q013093	1.8	Limestone chips from across pit floor
AnEx-80	618371	7113010	Q013094	1.2	Clayey sandy grit from 4ft mark across all pit walls
AnEx-81	618392	7113035	Q013095	0.9	Red stained limestone with massive with calcite vein material
AnEx-81	618392	7113035	Q013096	2.1	Bright red clayey gouge
AnEx-81	618392	7113035	Q013097	2.1	Brown-grey clay-gouge adjacent to red gouge in Q013096
AnEx-81	618392	7113035	Q013098	2.1	Coarse fraction of Q013096
AnEx-81	618392	7113035	Q013099	2.1	Red clay-gouge with dark grey clay stuck deep in bucket (original depth unknown)
AnEx-81	618392	7113035	Q013100	2.1	Fragments from within red clay-gouge
AnEx-82	618324	7113023	Q012001	2.1	Redish brown with yellow streak clay horizon 1ft wide adjacent to fossiliferous limestone
AnEx-82	618324	7113023	Q012002	2.4	Red-brown-beige clay with black material
AnEx-82	618324	7113023	Q012003	3.4	Limestone fragments from pit bottom.
AnEx-82	618324	7113023	Q012004	3.4	Fine fraction of pit bottom material - dirty limey grit
AnEx-83	618298	7113088	Q012005	0.9	Crystalline limestone with weak oxidation staining
AnEx-83	618298	7113088	Q012006	0.9	Grey and brown clay on west half of pit floor (no orienation avail) found mixed between limestone boulders
AnEx-84	618193	7113132	Q012007	0.9	Coarse grained limestone in angular fragment from pit bottom
AnEx-84	618193	7113132	Q012008	0.9	Fine fraction of pit bottom - clayey sand and very coarse chips
AnEx-85	618303	7113153	Q012009	1.5	Light brown, reddish gouge- clay fraction

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-85	618303	7113153	Q012010	1.5	Light brown, reddish gouge- coarse fraction - several light brown, beige, altered limestone. Some clasts highly porous, others are fresh/unaltered with minor brown oxide. Rocks hard, some have black stringers in limestone
AnEx-85	618303	7113153	Q012011	1.8	Light brown, reddish gouge same as Q0012009 but addition of red-brown material
AnEx-85	618303	7113153	Q012012	1.8	Coarse fraction of Q012011
AnEx-85	618303	7113153	Q012013	1.8	Brown-red gouge/clay on crystalline limestone with black stringers. Lst looks brecciated; very hard to brea.
AnEx-85	618303	7113153	Q012014	2.4	Massive calcite form cobble; black stringers throughout
AnEx-85	618303	7113153	Q012015	3.4	Chips from ~6 different cobbles - intensely brown-red-beige altered limestone with evidence of lst brecciated. Several chips have stockwork black stringers in limestone.
AnEx-85	618303	7113153	Q012016	1.5	Massive smoky calcite due to black impurity and stringers. Bright red-mustard yellow oxide pervasive. Crackle texture from blacks stringers and pervasive oxidization.
AnEx-86	618116	7113218	Q012017	1.8	crackle limestone with yellow-orange pervasive oxide mineral that forms quasi-parallel powdery bands. Rock from orange-yellow-brown gouge zone.
AnEx-86	618116	7113218	Q012018	1.8	Brown-orange-yellow gouge from SW corner
AnEx-86	618116	7113218	Q012019	1.8	Brown-orange-yellow gouge from NE corner
AnEx-86	618116	7113218	Q012020	1.8	Coarse fraction of Q012019
AnEx-86	618116	7113218	Q012021	2.4	Chips from all over pit floor
AnEx-86	618116	7113218	Q012022	2.4	Sample of NE corner from 3ft below surface to pit bottom. Material includes limestone and gouge
AnEx-86	618116	7113218	Q012023	2.4	Bias sample of most altered material from all over pit.
AnEx-87	618107	7113189	Q012024	2.1	Crystalline limestone chips from pit bottom
AnEx-87	618107	7113189	Q012025	2.1	Coarse, dirty grit from pit bottom
AnEx-87	618107	7113189	Q012026	1.8	Brown gouge from E wall; no alteration observed
AnEx-88	618097	7113099	Q012027	0.0	Dog tooth calcite with black bands. Brown altered material with calcite
AnEx-88	618097	7113099	Q012028	2.1	Pit bottom, gravely dirt with limestone chips
AnEx-88	618097	7113099	Q012029	1.5	Coarse grained calcite with black speckles throughout
AnEx-88	618097	7113099	Q012030	0.9	Gouge with yellow-red streaks in brown glay
AnEx-89	618046	7113105	Q012031	0.3	Crystalline limestone fragments from pit bottom
AnEx-90	618054	7113143	Q012032	2.1	Fossiliferous limestone, very gritty with pervasive red oxide
AnEx-90	618054	7113143	Q012033	2.7	Brown-orange gouge
AnEx-90	618054	7113143	Q012034	1.2	Crystalline limestone with yellow-red oxidized clay on fractures ~1cm thick
AnEx-91	618062	7113209	Q012035	1.5	Crystalline limestone chips from pit bottm
AnEx-91	618062	7113209	Q012036	1.5	Brown clayey loose material from pit bottom
AnEx-90	618054	7113143	Q012037	2.7	Coarse materal from brown-orange gouge in Q012033. Sample out of pit sequence.
AnEx-92	618065	7113232	Q012038	2.1	Fresh limestone and yellow-red altered limestone chips from pit bottom

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-92	618065	7113232	Q012039	2.1	Finer fraction of Q012038. Clayey gravel
AnEx-92	618065	7113232	Q012040	0.0	Yellow altered, black crystalline limestone with fine-grained black patches. From pile.
AnEx-92	618065	7113232	Q012041	0.9	Dogtooth calcite with bright red alteration stains (20%)
AnEx-93	618074	7113277	Q012042	1.5	Brown clayey, watery muck with limestone fragments
AnEx-93	618074	7113277	Q012043	1.5	Brown micritic limestone with crackle texture from intense black seams. Minor yellow-red oxide
AnEx-93	618074	7113277	Q012044	1.5	Limestone chips, coarse fraction of Q012042
AnEx-93	618074	7113277	Q012045	1.8	Brown clay with limestone fragments from pit bottom
AnEx-94	618086	7113324	Q012046	1.5	Micritic crackle limestone with 80% fine grained black component
AnEx-94	618086	7113324	Q012047	1.5	Fine fraction of pit bottom. Brown clay and gritty dirt
AnEx-94	618086	7113324	Q012048	1.5	Coarse fraction of pit bottom. Fresh and yellow altered limestone
AnEx-95	618120	7113277	Q012049	0.9	Brown micritic limestone with weak yellow alteration. Chips from pit bottom
AnEx-95	618120	7113277	Q012050	0.9	Brown clay with limestone chips. Fine fraction of Q012049
AnEx-95	618120	7113277	Q012051	0.9	Bias sample of most altered material from all over pit. Typically mustard yellow oxidation along fractures of fresh LST, oxidation locally pervasive
AnEx-96	618133	7113309	Q012052	0.6	Micritic limestone chips from pit bottom. No fine fraction - all soil between fractured bedrock
AnEx-97	618034	7113350	Q012053	0.6	Brown micritic limestone with intense black stringers and minor red oxide
AnEx-97	618034	7113350	Q012054	0.6	Chips of fresh imestone with red oxide along fracture surfaces. Pit bottom
AnEx-97	618034	7113350	Q012055	0.6	Light brown gouge from pile
AnEx-97	618034	7113350	Q012056	0.6	Iron-stained calcite vein material from micritic limestone. Dogtooth calcite vein is at least 3cm.
AnEx-98	618021	7113309	Q012057	1.8	Brown gouge, limey, with angular limestone fragments
AnEx-98	618021	7113309	Q012058	1.8	Micritic limestone from cobbles found within gouge
AnEx-98	618021	7113309	Q012059	2.4	Gouge with reddish hue, limey. Pit bottom.
AnEx-98	618021	7113309	Q012060	2.4	Limestone fragments ~fresh. Pit bottom
AnEx-98	618021	7113309	Q012061	1.8	Yellow-red stained material from pile; coarse grained calcite-rich material with strong alteration (2% of pit material).
AnEx-99	618052	7113307	Q012062	0.9	Yellow altered, micritic limestone found within brown clay
AnEx-99	618052	7113307	Q012063	1.8	Brown and red clay from east pit corner
AnEx-99	618052	7113307	Q012064	2.4	Unaltered limestone chips and gravel from pit bottom
AnEx-99	618052	7113307	Q012065	2.4	Clay pit bottom - brown.
AnEx-99	618052	7113307	Q012066	2.4	Whiteish micritic limestone clasts from ~5 different cobbles
AnEx-99	618052	7113307	Q012067	1.5	Pervasive yellow, powdery oxidation of micritic limestone. Grab sample from pile
AnEx-100	618018	7113257	Q012068	1.8	Limestone chips with red oxidized surfaces. Pit bottom
AnEx-100	618018	7113257	Q012069	1.8	Gravelly dirt from pit bottom

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-101	618019	7113213	Q012070	1.5	Limestone chips with weak oxidation on surfaces from pit bottom
AnEx-101	618019	7113213	Q012071	1.5	Gravel with minor clay from pit bottom
AnEx-102	618017	7113170	Q012072	0.9	Dark grey, crystalline limestone chips from bottom, deep red oxide on fracture surfaces common.
AnEx-102	618017	7113170	Q012073	0.9	Brown clayey dirt/gravel from pit bottom
AnEx-102	618017	7113170	Q012074	0.9	Bias sample with dark red material. Moderate on fractures, locally pervasive. 5-10% of pit material
AnEx-102	618017	7113170	Q012075	0.9	Dark grey, coarse limestone with 15% dark red oxide on fractures/ wealy pervasive. Calcite veinlets present, not associated with mineralization.
AnEx-103	617964	7113149	Q012076	0.2	Clay from 0.5ft horizon
AnEx-103	617964	7113149	Q012077	0.3	Unaltered limestone chips
AnEx-104	617969	7113131	Q012078	0.9	Massive Fe-stained calcite
AnEx-105	617978	7113223	Q012079	2.4	Crystalline limestone fragments with massive calcite component and oxidized surface. Pit bottom
AnEx-105	617978	7113223	Q012080	2.4	Fine fraction of pit bottom - gravelly dirt.
AnEx-106	617989	7113291	Q012081	1.5	Brown-reddish clay, limey.
AnEx-106	617989	7113291	Q012082	2.4	Mustard yellow clay on micritic limestone with intense black stringers.
AnEx-106	617989	7113291	Q012083	2.4	Brown, micritic limestone with fine grained black stringers and f.g. black material along fracture surface.
AnEx-106	617989	7113291	Q012084	2.4	Brown-red clay pit bottom
AnEx-106	617989	7113291	Q012085	2.4	Fragments of limestone from pit bottom
AnEx-106	617989	7113291	Q012086	2.1	Micritic limestone with irregular black, fine grained material and white bleaching with minor pervasive oxidation (5%). From pile
AnEx-107	617996	7113334	Q012087	1.2	Brown gouge
AnEx-107	617996	7113334	Q012088	1.2	Limestone chips - unaltered
AnEx-107	617996	7113334	Q012089	1.8	yellow oxide alteration moderate-strong (70%) in crystalline limestone
AnEx-107	617996	7113334	Q012090	1.8	Gravelly bottom
AnEx-107	617996	7113334	Q012091	1.8	Micritic limestone with weak yellow alteration. Decrease in black stringers compared to previous pits
AnEx-108	617895	7113198	Q012092	1.5	Reddish brown clay
AnEx-108	617895	7113198	Q012093	2.1	Crystalline limestone chips from pit bottom
AnEx-108	617895	7113198	Q012094	2.1	Red-brown clay from pit bottom
AnEx-108	617895	7113198	Q012095	2.1	Micritic limestone with rare black stringers. Grab.
AnEx-108	617895	7113198	Q012096	2.1	Brown gouge from pit bottom
Anex-109	617890	7113259	Q012097	0.3	Coarse grained fresh dark grey limestone chips, 1 every 2ft along bedrock
Anex-110	617905	7113363	Q012098	1.5	Brown oxidized sandy gravel
Anex-110	617905	7113363	Q012099	1.5	Coarse fraction of Q012098. Limestone chips (unaltered)
Anex-110	617905	7113363	Q012100	1.8	Micritic limestone with 30-50% black, fine-grained material. Grab.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
Anex-110	617905	7113363	Q012101	1.8	Micritic and coarse grained limestone chips
Anex-110	617905	7113363	Q012102	1.8	Fine fraction of Q012101. Brown-grey gravel
Anex-110	617905	7113363	Q012103	2.1	Limestone chips in loose brown gravel
Anex-110	617905	7113363	Q012104	2.4	Micritic limestone chips with black stringers
Anex-110	617905	7113363	Q012105	2.4	Brown dirt - fine fraction of Q012104
Anex-110	617905	7113363	Q012106	3.0	Bleached, oxidized micritic limestone pit bottom
Anex-110	617905	7113363	Q012107	3.0	Brown dirt pit bottom . Fine fraction Q0120106
AnEx-111	617833	7113374	Q012108	1.8	Micritic limestone (grey-brown) chips with minor black stringers. Sample only moderately calcareous
AnEx-111	617833	7113374	Q012109	1.8	Micritic limestone gravelly dirt, fine fraction
AnEx-111	617833	7113374	Q012110	1.8	Moderately pervasive, yellow and red oxidized micritic limestone with intense black stringers
AnEx-112	618221	7113166	Q012111	1.5	Beige weathered, weakly calcareous material with orange-brown oxide
AnEx-112	618221	7113166	Q012112	1.5	Fine fraction of Q012111. brown watery gravel
AnEx-112	618221	7113166	Q012113	1.8	Assorted limestone fragments (weak bleaching). Pit bottom
AnEx-112	618221	7113166	Q012114	1.8	Fine fraction of Q012113. Watery gravel.
AnEx-112	618221	7113166	Q012115	1.8	Frozen clay with white-yellow oxdized limestone cobbles.
AnEx-113	618275	7113067	Q012116	0.6	Fresh limestone chips all over pit floor
AnEx-113	618275	7113067	Q012117	0.6	Grab- fresh crystalline limestone from bedrock
AnEx-114	618326	7112963	Q012118	3.7	Black, very fine grained argillite, non-calcareous with yellow-green oxide staining on fracture surfaces. Pit bottom
AnEx-114	618326	7112963	Q012119	3.7	Fine fraction from pit bottom. Black dirt
AnEx-114	618326	7112963	Q012120	1.5	Blocky argillite with yellow-green stains on fracture surfaces
AnEx-115	619297	7113280	Q012121	2.4	Fresh, black limestone chips from pit bottom. Weakly oxidized surfaces
AnEx-115	619297	7113280	Q012122	1.5	Fine fraction - brown limey gravel
AnEx-116	619291	7113272	Q012123	1.5	Grey and brown weakly oxidized clay and gravel
AnEx-116	619291	7113272	Q012124	1.5	Coarse fraction of Q012123, non-calcareous, black-brown porous material - subangular-angular chips
AnEx-116	619291	7113272	Q012125	2.1	Grey clayey gravel
AnEx-116	619291	7113272	Q012126	2.1	Coarse fraction of Q012125. Subangular-angular polylithics
AnEx-116	619291	7113272	Q012127	3.7	Grab- fresh, black coarse grained massive limestone from angular boulders
AnEx-117	619278	7113256	Q012128	1.5	Fine grained black crumbly material in brown oxide material.
AnEx-117	619278	7113256	Q012129	1.5	Subangular and angular polylithics, mostly limestone
AnEx-117	619278	7113256	Q012130	1.5	Fine fraction - brown-orange oxidized dirty gravel with local clay
AnEx-117	619278	7113256	Q012131	1.8	Brown oxidized frozen clay
AnEx-117	619278	7113256	Q012132	1.5	Coarse grained limestone (fresh)

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-118	619244	7113308	Q012133	2.7	Crystalline limesstone (fresh) - grab - pit bottom
AnEx-118	619244	7113308	Q012134	2.7	Loose material between boulders, dirt-soil and rock fragments
AnEx-119	619255	7113321	Q012135	2.1	Fresh crystalline limestone from bottom
AnEx-119	619255	7113321	Q012136	2.1	Coarse limestone chips from bottom
AnEx-119	619255	7113321	Q012137	2.1	Fine fraction - gravel from bottom
AnEx-120	619237	7113286	Q012138	0.9	Black, fine grained limestone chips from bedrock
AnEx-120	619237	7113286	Q012139	0.9	Fine fraction - gravelly dirt
AnEx-120	619237	7113286	Q012140	0.9	Black fine grained limestone chips from bedrock
AnEx-121	619198	7113369	Q012141	2.1	Limestone fragments from pit bottom. Unaltered, weak weathering
AnEx-121	619198	7113369	Q012142	2.1	Fine fraction - gravelly dirt
AnEx-121	619198	7113369	Q012143	2.1	Crystalline limestone grab. No alteration
AnEx-122	619187	7113352	Q012144	0.9	Polylithics fragments in brown dirt
AnEx-122	619187	7113352	Q012145	0.9	Fine fraction - brown clayey dirt
AnEx-122	619187	7113352	Q012146	3.7	Subangular limestone chips
AnEx-122	619187	7113352	Q012147	3.7	Brown clayey dirt
AnEx-122	619187	7113352	Q012148	3.7	Oxidized bedded limestone, weakly pervasive.
AnEx-123	619173	7113347	Q012149	2.7	Fresh limestone fragments pit bottom
AnEx-123	619173	7113347	Q012150	2.7	Fine fraction - brown gravelly dirt
AnEx-123	619173	7113347	Q012151	1.8	Fresh limestone fragments
AnEx-123	619173	7113347	Q012152	1.8	Fine fraction - gravelly dirt
AnEx-124	619114	7113404	Q012153	2.4	Fresh limestone fragments in unconsolidated material
AnEx-124	619114	7113404	Q012154	2.4	Fine fraction - brown gravelly dirt
AnEx-124	619114	7113404	Q012155	3.0	Fresh limestone fragments in unconsolidated material
AnEx-124	619114	7113404	Q012156	3.0	Fine fraction - gravel (wet)
AnEx-124	619114	7113404	Q012157	3.0	Coarse grained limestone with intense calcite veining. Grab from unconsolidated material
AnEx-125	619101	7113383	Q012158	2.1	Massive, black medium grained limestone boulder fragment with strong sulphur scent when cracked
AnEx-125	619101	7113383	Q012159	2.7	Black argillite with minor red oxidation
AnEx-125	619101	7113383	Q012160	3.0	Limestone chips from bottom.
AnEx-125	619101	7113383	Q012161	3.0	Fine fraction from bottom- brown gravel
AnEx-125	619101	7113383	Q012162	3.0	Rounded dark red oxidized rock, non-calcareous
AnEx-126	619101	7113381	Q012163	3.0	Moderately oxidized, fine grained limestone.
AnEx-126	619101	7113381	Q012164	3.0	Gravel - pit bottom

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-127	619011	7113389	Q012165	2.7	Crystalline limestone breccia with pervasive oxidation. Limey matrix (30%) and calcite veining. Cobble from colluvium
AnEx-127	619011	7113389	Q012166	3.0	Gravel chips from pit bottom. Non-calcareous.
AnEx-127	619011	7113389	Q012167	3.0	Fine fraction- very coarse dirt - non-calcareous
AnEx-128	619005	7113376	Q012168	3.0	Coarse, non calcareous chips
AnEx-128	619005	7113376	Q012169	3.0	Fine fraction - brown gravel, non-calcareous
AnEx-128	619005	7113376	Q012170	3.0	Coarse quartzite with weak red oxidation, pervasive.
AnEx-128	619005	7113376	Q012171	3.0	Clay material from pit bottom
AnEx-129	619009	7113414	Q012172	4.0	Oxidized limestone chips
AnEx-129	619009	7113414	Q012173	4.0	Fine fraction - pit bottom
AnEx-129	619009	7113414	Q012174	4.0	Pervasive oxidized limestone with pits - indicate fluid flow. Angular boulder
AnEx-129	619009	7113414	Q012175	1.5	Brown gravel, mid pit
AnEx-129	619009	7113414	Q012176	4.0	Moderate oxidized limestone grab (from angular cobble) with calcite veinlets. Pit bottom
AnEx-130	618949	7113409	Q012177	3.0	Subrounded polylithics, including argillite chips
AnEx-130	618949	7113409	Q012178	3.0	Brown gravel, mid pit
AnEx-130	618949	7113409	Q012179	3.7	Gravel with limey component. Pit bottom
AnEx-130	618949	7113409	Q012180	3.7	Polylithics , dominantly limestone with some pervasive orange oxide. Pit bottom
AnEx-131	618896	7113417	Q012181	2.4	Coarse grained limestone with calcite veinlets and 30% pervasive orange oxidation. From angular cobble
AnEx-131	618896	7113417	Q012182	2.4	Non-calcareous gravel
AnEx-131	618896	7113417	Q012183	3.0	Gravel with calcite clasts
AnEx-131	618896	7113417	Q012184	3.0	Limestone fragments and polylithics
AnEx-131	618896	7113417	Q012185	3.0	Limestone boulder with calcite veinlets and pervasive oxidation.
AnEx-131	618896	7113417	Q012186	3.7	Calcareous gravelly sand. Pit bottom
AnEx-131	618896	7113417	Q012187	3.7	Coarse limey polylithics
AnEx-132	618824	7113419	Q012188	1.8	Coarse grained, and fossiliferous limestone (shells and shell fragments), with interstial, fine grained black material. No alteration. Angular boulders
AnEx-132	618824	7113419	Q012189	2.4	Angular black, fine grained limestone boulders in gravel.
AnEx-132	618824	7113419	Q012190	2.4	Limey gravel
AnEx-132	618824	7113419	Q012191	3.0	Coarse gravel, polylithics. Pit bottom
AnEx-132	618824	7113419	Q012192	3.0	Finer gravel, polylithics. Pit bottom
AnEx-133	618765	7113397	Q012193	1.8	Variably oxidized limestone fragments in gravel
AnEx-133	618765	7113397	Q012194	1.8	Gravel, non-calcareous, grey. Fine fraction.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-133	618765	7113397	Q012195	2.4	Fragments of subrounded boulder, crystalline limestone with weak to moderately pervasive orange oxidation.
AnEx-133	618765	7113397	Q012196	3.7	Subrounded limestone chips, variably oxidized
AnEx-133	618765	7113397	Q012197	3.7	Limey gravel, no oxidation
AnEx-133	618765	7113397	Q012198	3.0	Pervasive yellow oxidized limestone (bedded). From pile
AnEx-134	618721	7113387	Q012199	2.4	Subrounded polylithics
AnEx-134	618721	7113387	Q012200	2.4	Gravel, non-calcareous, grey. Fine fraction.
AnEx-135	618611	7113469	Q012201	0.6	Pervasive oxidation, non-calcareous, purplish siltstone grab from colluvium
AnEx-135	618611	7113469	Q012202	2.4	Subrounded polylithics, dominantly limestone, some frags with pervasive oxidation
AnEx-135	618611	7113469	Q012203	3.4	Dominantly limestone fragments, some with pervasive oxidation. Pit bottom
AnEx-135	618611	7113469	Q012204	3.4	Limey gravel, grey. Bottom
AnEx-135	618611	7113469	Q012205	3.4	Brown-yellow micritic limestone with strong oxidation with brown-red staining
AnEx-135	618611	7113469	Q012206	2.4	Grey gravel, limey
AnEx-136	618636	7113490	Q012207	1.8	Limey angular fragments, up to moderate oxidation
AnEx-136	618636	7113490	Q012208	1.8	Gravelly dirt, weakly limey
AnEx-136	618636	7113490	Q012209	3.7	Highly variable polylithics
AnEx-136	618636	7113490	Q012210	3.7	Coarse gravel with limey component
AnEx-137	618588	7113456	Q012211	1.2	Gravelly dirt, limey grey
AnEx-137	618588	7113456	Q012212	1.2	Subangular limestone chips. Black, homogenous
AnEx-137	618588	7113456	Q012213	2.1	Limestone and massive calcite fragments (subangular)
AnEx-137	618588	7113456	Q012214	2.1	Limey gravelly dirt. Grey.
AnEx-137	618588	7113456	Q012215	2.7	Limestone fragments, subangular with several moderately oxidized fragments. Pit bottom
AnEx-137	618588	7113456	Q012216	3.7	Limey gravelly dirt. Grey.
AnEx-138	618596	7113413	Q012217	0.9	Argillite chips, unaltered, angular
AnEx-138	618596	7113413	Q012218	0.9	Argillite gravel with 2% yellow-brown oxidized clayey dirt
AnEx-138	618596	7113413	Q012219	2.1	Argillite chips with angular moderate orange-green oxidation on surface
AnEx-138	618596	7113413	Q012220	2.1	Reddish clay ~2%
AnEx-138	618596	7113413	Q012221	3.0	Increase in oxidized argillite
AnEx-138	618596	7113413	Q012222	3.0	Oxdized argillite
AnEx-138	618596	7113413	Q012223	3.4	Red-yellow-green streaky oxidized clay with dirt
AnEx-138	618596	7113413	Q012224	3.7	Rotten argillite - soft, crumbly with green-yellow-red oxidation strong on fracture surfaces
AnEx-138	618596	7113413	Q012225	4.6	Orange oxidized layer with green-yellow-red staining. Moderate-strong and dark grey soft material (crumbly)

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-138	618596	7113413	Q012226	4.6	Argillite chips from pit bottom - yellow-green-orange oxidation. Chips crumbly
AnEx-139	618669	7113465	Q012227	1.2	Clay horizon- grey with yellow patches in colluvium
AnEx-139	618669	7113465	Q012228	3.7	Subangular limestone cobble fragments with pervasive oxidation.
AnEx-139	618669	7113465	Q012229	3.7	Clayey gravel, brown, no oxidation.
AnEx-139	618669	7113465	Q012229	3.7	Clayey gravel, brown, no oxidation.
AnEx-140	618641	7113445	Q012230	0.9	Limestone and argillite chips with weak to moderate oxidation
AnEx-140	618641	7113445	Q012231	0.9	Black argillite gravel
AnEx-140	618641	7113445	Q012232	1.8	moderate oxidized limestone with strong calcite veining. Grab
AnEx-140	618641	7113445	Q012233	1.8	Weak-moderate oxidized argillite grab with powdery yellow alteration
AnEx-140	618641	7113445	Q012234	2.4	Angular argillite and limestone fragments with oxidation
AnEx-140	618641	7113445	Q012235	2.4	Soupy, clayey gravel, grey. Water trickling in.
AnEx-141	618679	7113406	Q012236	1.2	Gravel between rounded polylithics
AnEx-141	618679	7113406	Q012237	3.4	Subangular polylithics
AnEx-141	618679	7113406	Q012238	3.4	Brown sandy gravel
AnEx-142	618695	7113422	Q012239	1.2	Grey gravel between polylithics (rounded)
AnEx-142	618695	7113422	Q012240	3.0	Grey gravel
AnEx-143	618652	7113370	Q012241	1.8	Grey, non-calcareous sandy gravel from between subrounded polylithics
AnEx-143	618652	7113370	Q012242	4.0	Grey, sandy clay between polylithics
AnEx-144	618694	7113349	Q012243	0.3	Angular moderately oxidized limestone with strong calcite veining. Grab.
AnEx-144	618694	7113349	Q012244	2.1	Argillite chips in gravel
AnEx-144	618694	7113349	Q012245	2.4	Brown gravel with greenish tinge
AnEx-144	618694	7113349	Q012246	4.0	Gravel, mustard yellow, powdery altered limestone
AnEx-145	618667	7113315	Q012247	0.9	Pervasive yellow alteration (intense) in limestone. Calcite veining.
AnEx-145	618667	7113315	Q012248	1.8	Calcareous gravelly dirt between subangular cobbles. Same greenish tinge as Q012245.
AnEx-145	618667	7113315	Q012249	3.7	Yellow altered, variably dolomitized limestone with calcite veinlets. Strong-intense alteration. Angular cobble.
AnEx-145	618667	7113315	Q012250	4.0	Brown gravel, calcareous, between subangular to angular limestone cobbles
AnEx-146	618675	7113264	Q012251	0.9	light brown gravel between angular pervasive yellow altered, dolomitizied limestone with stringers. Gravel is limey.
AnEx-146	618675	7113264	Q012252	2.4	Limey gravel with increase in percent of rounded pebbles
AnEx-146	618675	7113264	Q012253	3.4	Limey gravel at pit bottom. Contains polylithics
AnEx-147	618705	7113296	Q012254	0.9	Black , argillite-rich gravel with limestone cobbles (60%), subangular to angular.
AnEx-147	618705	7113296	Q012255	3.4	Black crystalline limeston with calcite veinlets and moderate oxidation. Angular cobble

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-147	618705	7113296	Q012256	3.4	Argillite gravel
AnEx-148	618754	7113317	Q012257	1.8	Weakly oxidized angular argillite chips
AnEx-148	618754	7113317	Q012258	1.8	Dirty, argillite gravel
AnEx-148	618754	7113317	Q012259	2.4	Argillite-clay material with orange-dark grey streaks within zone of incompetent argillite
AnEx-148	618754	7113317	Q012260	2.7	argillite fragments with orange-green oxidized surfaces
AnEx-148	618754	7113317	Q012261	2.7	Argillite fragments with green-oxidized surfaces
AnEx-149	618633	7113324	Q012262	1.2	Clay material with yellow-red oxide staining. Brown dirt.
AnEx-149	618633	7113324	Q012263	2.4	Fragment of angular limestone boulder (dark grey, crystalline) with fine grained black material comrising 40% as veinlets and patches
AnEx-149	618633	7113324	Q012264	3.7	Grab - subangular dolostone with intense black, limey stringers and yellow-red pervasive oxidation.
AnEx-149	618633	7113324	Q012265	4.0	Limey brown dirt. Pit bottom
AnEx-150	618717	7113222	Q012266	0.9	Black argillite fragments, minor oxidation. Angular.
AnEx-150	618717	7113222	Q012267	0.9	Black argillite gravel
AnEx-150	618717	7113222	Q012268	2.7	Black argillite fragments with weak green-yellow oxidation
AnEx-150	618717	7113222	Q012269	2.7	Gravelly black dirt.
AnEx-151	618690	7113201	Q012270		Sample not recorded. Either from bottom of AnEx150 or top of AnEx151
AnEx-151	618690	7113201	Q012271	1.2	Brown clay, non-calcareous
AnEx-151	618690	7113201	Q012272	3.0	Brown-grey gravel
AnEx-151	618690	7113201	Q012273	4.0	Brown sandy gravel
AnEx-151	618690	7113201	Q012274	4.0	Angular polylithics, dominantly limestone
AnEx-152	618763	7113245	Q012275	0.9	Brown clay horizon with oxidation
AnEx-152	618763	7113245	Q012276	3.4	Grey gravel from colluvium
AnEx-153	618801	7113278	Q012277	1.2	Argillite bedrock with green-orange oxidation of surfaces
AnEx-153	618801	7113278	Q012278	1.5	Yellow-orange oxidized clayey material from south wall
AnEx-153	618801	7113278	Q012279	1.5	Incompetent argillite with pervasive orange oxidation
AnEx-153	618801	7113278	Q012280	1.5	Grab - competent argillite with moderately pervasive green-yellow-red oxidation
AnEx-153	618801	7113278	Q012281	1.5	Well oxidized argillite chips green-yellow-red. 2ft into south wall
AnEx-153	618801	7113278	Q012282	2.1	Argillite from fold centre
AnEx-153	618801	7113278	Q012283	2.1	Yellow staining on fracture surface
AnEx-153	618801	7113278	Q012284	2.1	Red rusty seam, 10 cm across, subvertical dip parallel to cleavage
AnEx-154	618796	7113204	Q012285	2.1	Brown gravel with argillite chips
AnEx-154	618796	7113204	Q012286	4.0	Brown clayey gravel with argillite chips
AnEx-155	618758	7113168	Q012287	1.2	Talus - angular argillite with intense,pervasive red-orange oxidation

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-155	618758	7113168	Q012288	2.7	Black argillite gravel (sample v. small - was contaminated before could finish sampling from the pile)
AnEx-155	618758	7113168	Q012289	3.4	Light green tinge to gravel
AnEx-155	618758	7113168	Q012290	4.0	Black argillite-rich gravel. Pit bottom
AnEx-156	618723	7113148	Q012291	1.8	Limestone gravel
AnEx-156	618723	7113148	Q012292	1.8	Fine fraction of limestone gravel
AnEx-156	618723	7113148	Q012293	3.4	Brown limey gravel
AnEx-157	618783	7113143	Q012294	1.8	Green-orange oxidized argillite with heft - grab
AnEx-157	618783	7113143	Q012295	2.4	Black-green banded limestone. Grab
AnEx-157	618783	7113143	Q012296	3.0	Micritic dolostone with intense black stringers and oxidation
AnEx-157	618783	7113143	Q012297	3.7	Brown clay dirt
AnEx-157	618783	7113143	Q012298	3.4	Black argillite-rich gravel
AnEx-158	618790	7113146	Q012299	1.2	Black argillite gravel - angular chips
AnEx-159	618807	7113112	Q012300	2.1	Gravel at depth where colour changes fro grey to pale green and addition of clay component
AnEx-159	618807	7113112	Q012301	4.3	Black argillite gravel. Pit bottom
AnEx-159	618807	7113112	Q012302	0.3	Pervasive oxidized rotten limestone with massive ferringenous calcite veining. Brown weathered, angular boulders. Near surface of hole, not in situ.
AnEx-160	618830	7113094	Q012303	2.4	Green-yellow-orange oxidized argillite (strong to intense oxidation)
AnEx-160	618830	7113094	Q012304	2.4	Black-reddish argillite gravel
AnEx-160	618830	7113094	Q012305	2.4	Black argillite fragments - black with green-yellow-orange oxide
AnEx-160	618830	7113094	Q012306	3.0	Bright grey argillite chips with reddish clay
AnEx-160	618830	7113094	Q012307	2.4	Limestone grab with minor yellow-red oxide in veinlets
AnEx-160	618830	7113094	Q012308	4.0	Bright grey, rotten argillite - platy, crumbles to touch
AnEx-160	618830	7113094	Q013285	4.0	Highly oxidized argillite sample.
AnEx-161	618842	7113099	Q013286	4.6	Black, powdery, oxidizing argillite.
AnEx-161	618842	7113099	Q013287	4.6	Black, powdery, oxidizing argillite.
AnEx-161	618842	7113099	Q013288	4.6	Black, powdery, oxidizing argillite.
AnEx-161	618842	7113099	Q013289	4.6	Black, powdery, oxidizing argillite.
AnEx-161	618842	7113099	Q013290	4.6	Tan coloured, cohesive argillite breccia. Minor purple staining.
AnEx-161	618842	7113099	Q013290	4.6	Tan coloured, cohesive argillite breccia. Minor purple staining.
AnEx-162	618870	7113012	Q013292	4.6	Oxidized limestone from fault zone.
AnEx-162	618870	7113012	Q013293	4.6	Oxidized limestone from fault zone.
AnEx-162	618870	7113012	Q013294	4.6	Oxidized limestone from fault zone.
AnEx-162	618870	7113012	Q013295	4.6	Clayey fault breccia with oxidized limestone and angular argillite flakes in a grey clay matrix.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-162	618870	7113012	Q013296	4.6	Clayey fault breccia with oxidized limestone and angular argillite flakes in a grey clay matrix.
AnEx-162	618870	7113012	Q013297	4.6	Clayey fault breccia with oxidized limestone and angular argillite flakes in a grey clay matrix.
AnEx-162	618870	7113012	Q013298	4.6	Clayey fault breccia with oxidized limestone and angular argillite flakes in a grey clay matrix.
AnEx-162	618870	7113012	Q013299	4.6	Clayey fault breccia with oxidized limestone and angular argillite flakes in a grey clay matrix.
AnEx-163	618863	7113020	Q013300	3.0	Oxidized, clayey fault zone material from pit bottom.
AnEx-163	618863	7113020	Q013301	3.0	Oxidized, clayey fault zone material from pit bottom.
AnEx-163	618863	7113020	Q013302	3.0	Oxidized, clayey fault zone material from pit bottom.
AnEx-163	618863	7113020	Q013303	3.0	Oxidized, clayey fault zone material from pit bottom.
AnEx-163	618863	7113020	Q013304	3.0	Oxidized, clayey fault zone material from pit bottom.
AnEx-163	618863	7113020	Q013305	3.0	Oxidized, clayey fault zone material from pit bottom.
AnEx-164	618733	7113097	Q013306	4.6	Limestone pebbles and sandy, silty argillite.
AnEx-164	618733	7113097	Q013307	4.6	Limestone pebbles and sandy, silty argillite.
AnEx-165	618632	7113149	Q013308	2.4	Brown fault breccia.
AnEx-165	618632	7113149	Q013309	2.4	Brown fault breccia.
AnEx-165	618632	7113149	Q013310	2.4	Brown fault breccia.
AnEx-165	618632	7113149	Q013311	2.4	Altered limestone footwall.
AnEx-165	618632	7113149	Q013312	2.4	Altered limestone footwall.
AnEx-166	618660	7113167	Q013313	1.8	Brown clay possible representative of anubis fault zone.
AnEx-166	618660	7113167	Q013314	1.8	Brown clay possible representative of anubis fault zone.
AnEx-166	618660	7113167	Q013315	1.8	Brown clay possible representative of anubis fault zone.
AnEx-168	618440	7113272	Q013316	4.6	Sandy brown material.
AnEx-168	618440	7113272	Q013317	4.6	Sandy brown material.
AnEx-168	618440	7113272	Q013318	4.6	Highly oxidized limestone breccia.
AnEx-171	618412	7113279	Q013319	2.4	Bleached argillite sample from within fault zone.
AnEx-171	618412	7113279	Q013320	2.4	Oxidized argillite sample from within fault zone.
AnEx-171	618412	7113279	Q013321	2.4	Oxidized argillite sample from within fault zone.
AnEx-171	618412	7113279	Q013322	2.4	Oxidized clay from within fault zone.
AnEx-171	618412	7113279	Q013323	2.4	Oxidized clay from within fault zone.
AnEx-171	618412	7113279	Q013324	2.4	Oxidized clay from within fault zone.
AnEx-171	618412	7113279	Q013325	2.4	Oxidized clay from within fault zone.
AnEx-171	618412	7113279	Q013326	2.4	Oxidized clay from within fault zone.
AnEx-172	618426	7113306	Q013327	4.6	Clayey fault breccia?
AnEx-172	618426	7113306	Q013328	4.6	Clayey fault breccia?

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-173	618358	7113319	Q013329	1.5	Dark clayey argillite and oxide material.
AnEx-173	618358	7113319	Q013330	1.5	Dark clayey argillite and oxide material.
AnEx-173	618358	7113319	Q013331	1.5	Dark clayey argillite and oxide material.
AnEx-174	618305	7113337	Q013332	4.6	Dark argillite with oxidized portions occurring irregulary throughout. Pit bottom sample.
AnEx-174	618305	7113337	Q013333	4.6	Dark argillite with oxidized portions occurring irregulary throughout. Pit bottom sample.
AnEx-174	618305	7113337	Q013334	4.6	Dark argillite with oxidized portions occurring irregulary throughout. Pit bottom sample.
AnEx-174	618305	7113337	Q013335	4.6	Dark argillite with oxidized portions occurring irregulary throughout. Pit bottom sample.
AnEx-174	618305	7113337	Q013336	4.6	Dark argillite with oxidized portions occurring irregulary throughout. Pit bottom sample.
AnEx-174	618305	7113337	Q013337	4.6	Cohesive argillite clasts exhibiting a higher degree of oxidation within argillite horizon.
AnEx-174	618305	7113337	Q013338	4.6	Cohesive argillite clasts exhibiting a higher degree of oxidation within argillite horizon.
AnEx-174	618305	7113337	Q013339	4.6	Cohesive argillite clasts exhibiting a higher degree of oxidation within argillite horizon.
AnEx-174	618305	7113337	Q013340	4.6	Clayey oxide material from above argillite horizon.
AnEx-175	618243	7113348	Q013341	3.0	Fine grained clayey oxide material from within limestone horizon.
AnEx-175	618243	7113348	Q013342	3.0	Fine grained clayey oxide material from within limestone horizon.
AnEx-175	618243	7113348	Q013343	3.0	Competent fragments of highly altered, fractured oxidized stylolitic limestone.
AnEx-175	618243	7113348	Q013344	3.0	Competent fragments of highly altered, fractured oxidized stylolitic limestone.
AnEx-175	618243	7113348	Q013345	3.0	Competent fragments of highly altered, fractured oxidized stylolitic limestone.
AnEx-175	618243	7113348	Q013346	3.0	Competent fragments of highly altered, fractured oxidized stylolitic limestone.
AnEx-175	618243	7113348	Q013347	3.0	Competent fragments of highly altered, fractured oxidized stylolitic limestone.
AnEx-176	618256	7113364	Q013348	4.6	Clayey oxide material from zone of localized zone of oxiations.
AnEx-176	618256	7113364	Q013349	4.6	Clayey oxide material from zone of localized zone of oxiations.
AnEx-176	618256	7113364	Q013350	4.6	Clayey oxide material from zone of localized zone of oxiations.
AnEx-176	618256	7113364	Q012351	4.6	Competent, pervasively oxidized argillite.
AnEx-176	618256	7113364	Q012352	4.6	Competent, pervasively oxidized argillite.
AnEx-176	618256	7113364	Q012353	4.6	Competent, pervasively oxidized argillite.
AnEx-176	618256	7113364	Q012354	4.6	Black powdery argillite mixed with argillite.
AnEx-177	618242	7113370	Q012355	4.6	Powdery black argillite from pit bottom.
AnEx-177	618242	7113370	Q012356	4.6	Competent, cleaved argillite with minor FeO and SbO.
AnEx-178	618199	7113372	Q012357	3.0	Highly oxidized limestone samples.
AnEx-178	618199	7113372	Q012358	3.0	Highly oxidized limestone samples.
AnEx-178	618199	7113372	Q012359	3.0	Highly oxidized limestone samples.
AnEx-178	618199	7113372	Q012360	3.0	Highly oxidized limestone samples.
AnEx-178	618199	7113372	Q012361	3.0	Highly oxidized limestone samples.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-178	618199	7113372	Q012362	3.0	Highly oxidized limestone samples.
AnEx-178	618199	7113372	Q012363	3.0	Highly oxidized limestone samples.
AnEx-178	618199	7113372	Q012364	3.0	Highly oxidized limestone samples.
AnEx-178	618199	7113372	Q012365	3.0	Highly oxidized limestone samples.
AnEx-178	618199	7113372	Q012366	3.0	Fine grained clayey oxide material.
AnEx-179	618212	7113375	Q012367	4.0	Fine fraction of fracture argillite from pit bottom.
AnEx-179	618212	7113375	Q012368	4.0	Fine fraction of fracture argillite from pit bottom.
AnEx-179	618212	7113375	Q012369	4.0	Large fragment of argillite. Minor yellow staining.
AnEx-180	618150	7113395	Q012370	3.0	Sandy oxide from pit bottom.
AnEx-180	618150	7113395	Q012371	3.0	Sandy oxide from pit bottom.
AnEx-180	618150	7113395	Q012372	3.0	Sandy oxide from pit bottom.
AnEx-180	618150	7113395	Q012373	3.0	Sandy oxide from pit bottom.
AnEx-180	618150	7113395	Q012374	3.0	Sandy oxide from pit bottom.
AnEx-180	618150	7113395	Q012375	3.0	Competent but highly fractured oxide material.
AnEx-180	618150	7113395	Q012376	3.0	Competent but highly fractured oxide material.
AnEx-181	618074	7113433	Q012377	2.4	Fine fraction of fractured, oxidizing argillite.
AnEx-181	618074	7113433	Q012378	2.4	Fine fraction of fractured, oxidizing argillite.
AnEx-181	618074	7113433	Q012379	2.4	Fine fraction of fractured, oxidizing argillite.
AnEx-181	618074	7113433	Q012380	2.4	Coarse fragments of oxidized argillite.
AnEx-181	618074	7113433	Q012381	2.4	Coarse fragments of oxidized argillite.
AnEx-181	618074	7113433	Q012382	2.4	Coarse fragments of oxidized argillite.
AnEx-182	618055	7113461	Q012383	3.7	Dark, clayey argillite with oxide.
AnEx-182	618055	7113461	Q012384	3.7	Dark, clayey argillite with oxide.
AnEx-182	618055	7113461	Q012385	3.7	Dark, clayey argillite with oxide.
AnEx-182	618055	7113461	Q012386	3.7	Dark, clayey argillite with oxide.
AnEx-182	618055	7113461	Q012387	3.7	Competent large fragments of highly oxidized argillite.
AnEx-182	618055	7113461	Q012388	3.7	Competent large fragments of highly oxidized argillite.
AnEx-183	618060	7113489	Q012389	4.6	Dark clayey argillite with minor oxide from pit bottom.
AnEx-184	618060	7113489	Q012390	4.6	Dark clayey argillite with minor oxide from pit bottom.
AnEx-185	618060	7113489	Q012391	4.6	Dark clayey argillite with minor oxide from pit bottom.
AnEx-186	618060	7113489	Q012392	4.6	Dark clayey argillite with minor oxide from pit bottom.
AnEx-187	618060	7113489	Q012393	4.6	Dark clayey argillite with minor oxide from pit bottom.
AnEx-184	618023	7113434	Q012394	2.1	Fine grained clayey material from colluvial layer.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-184	618023	7113434	Q012395	2.1	fragment of limestone with calcite veining from bedrock at pit bottom.
AnEx-185	618057	7113435	Q012396	1.5	Black clay
AnEx-185	618057	7113435	Q012397	1.5	Black clay
AnEx-185	618057	7113435	Q012398	1.5	Oxide clay
AnEx-185	618057	7113435	Q012399	1.5	Oxide clay
AnEx-185	618057	7113435	Q012400	1.5	Oxidized limestone.
AnEx-185	618057	7113435	Q012401	1.5	Oxidized limestone.
AnEx-185	618057	7113435	Q012402	1.5	Oxidized limestone.
AnEx-185	618057	7113435	Q012403	1.5	Oxidized limestone.
AnEx-186	617980	7113450	Q012404	1.2	Clayey oxide material exposed in road cut near pit.
AnEx-186	617980	7113450	Q012405	1.2	Clayey oxide material exposed in road cut near pit.
AnEx-186	617980	7113450	Q012406	1.2	Clayey oxide material exposed in road cut near pit.
AnEx-186	617980	7113450	Q012407	1.2	Clayey to competent, strongly oxidized limestone.
AnEx-186	617980	7113450	Q012408	1.2	Clayey to competent, strongly oxidized limestone.
AnEx-186	617980	7113450	Q012409	1.2	Clayey to competent, strongly oxidized limestone.
AnEx-186	617980	7113450	Q012410	1.2	Clayey to competent, strongly oxidized limestone.
AnEx-186	617980	7113450	Q012411	1.2	Clayey to competent, strongly oxidized limestone.
AnEx-187	617995	7113440	Q012412	3.0	Sandy oxide material.
AnEx-187	617995	7113440	Q012413	3.0	Sandy oxide material.
AnEx-187	617995	7113440	Q012414	3.0	Sandy oxide material.
AnEx-188	617936	7113491	Q012415	2.4	Sandy oxide material.
AnEx-188	617936	7113491	Q012416	2.4	Sandy oxide material.
AnEx-188	617936	7113491	Q012417	2.4	Brown oxide clay.
AnEx-188	617936	7113491	Q012418	2.4	Dark clayey argillite
AnEx-188	617936	7113491	Q012419	2.4	Dark clayey argillite
AnEx-189	617872	7113513	Q012420	1.5	Highly oxidized limestone fragments.
AnEx-189	617872	7113513	Q012421	1.5	Highly oxidized limestone fragments.
AnEx-189	617872	7113513	Q012422	1.5	Clayey fault breccia.
AnEx-189	617872	7113513	Q012423	1.5	Clayey fault breccia.
AnEx-189	617872	7113513	Q012424	1.5	Clayey fault breccia.
AnEx-189	617872	7113513	Q012425	1.5	Clayey fault breccia.
AnEx-190	617808	7113539	Q012426	3.7	Dark brown oxide near pit bottom.
AnEx-190	617808	7113539	Q012427	3.7	Oxidized, brecciated argillite fragments.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-190	617808	7113539	Q012428	3.7	Oxidized, brecciated argillite fragments.
AnEx-190	617808	7113539	Q012429	3.7	Dark clayey arg.
AnEx-190	617808	7113539	Q012430	3.7	Dark clayey arg.
AnEx-190	617808	7113539	Q012431	3.7	Light brown, sandy to clayey oxide.
AnEx-190	617808	7113539	Q012432	3.7	Light brown, sandy to clayey oxide.
AnEx-190	617808	7113539	Q012433	3.7	Light brown, sandy to clayey oxide.
AnEx-190	617808	7113539	Q012434	3.7	Light brown, sandy to clayey oxide.
AnEx-191	617623	7113513	Q012435	2.4	Light brown fg sandy material from colluvium.
AnEx-191	617623	7113513	Q012436	2.4	Light brown fg sandy material from colluvium.
AnEx-191	617623	7113513	Q012437	2.4	Light brown fg sandy material from colluvium.
AnEx-191	617623	7113513	Q012438	2.4	Light brown fg sandy material from colluvium.
AnEx-193	617841	7113525	Q012439	3.0	Clayey till, possibly fault breccia?
AnEx-193	617841	7113525	Q012440	3.0	Clayey till, possibly fault breccia?
AnEx-193	617841	7113525	Q012441	3.0	Clayey till, possibly fault breccia?
AnEx-193	617841	7113525	Q012442	3.0	Clayey till, possibly fault breccia?
AnEx-191	617623	7113513	Q012443	2.4	Light brown fg sandy material from colluvium.
AnEx-191	617623	7113513	Q012444	2.4	Light brown fg sandy material from colluvium.
AnEx-192	617656	7113554	Q012445	3.0	Fine grained fluvial sediments from upper horizon
AnEx-192	617656	7113554	Q012446	3.0	Brown clay with assorted rock fragments from pit bottom.
AnEx-192	617656	7113554	Q012447	3.0	Brown clay with assorted rock fragments from pit bottom.
AnEx-192	617656	7113554	Q012448	3.0	Brown clay with assorted rock fragments from pit bottom.
AnEx-194	617677	7113588	Q012449	1.8	Fine grained colluvial material above bedrock.
AnEx-194	617677	7113588	Q012450	1.8	Fine grained colluvial material above bedrock.
AnEx-194	617677	7113588	Q012451	1.8	Chip samples of limestone bedrock.
AnEx-195	617679	7113603	Q012452	3.0	Competent, oxidized, bleached limestone fragments with CBx texture.
AnEx-195	617679	7113603	Q012453	3.0	Oxidized clay near pit bottom. Appears to be fault gouge with limestone fragments.
AnEx-195	617679	7113603	Q012454	3.0	Oxidized clay near pit bottom. Appears to be fault gouge with limestone fragments.
AnEx-195	617679	7113603	Q012455	3.0	Oxidized clay near pit bottom. Appears to be fault gouge with limestone fragments.
AnEx-195	617679	7113603	Q012456	3.0	Oxidized clay near pit bottom. Appears to be fault gouge with limestone fragments.
AnEx-195	617679	7113603	Q012457	3.0	Oxidized clay near pit bottom. Appears to be fault gouge with limestone fragments.
AnEx-195	617679	7113603	Q012458	3.0	Oxidized clay near pit bottom. Appears to be fault gouge with limestone fragments.
AnEx-196	617709	7113648	Q012459	4.6	Dark clayey arg near pit bottom with variable degrees of oxidation.
AnEx-196	617709	7113648	Q012460	4.6	Dark clayey arg near pit bottom with variable degrees of oxidation.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-196	617709	7113648	Q012461	4.6	Dark clayey arg near pit bottom with variable degrees of oxidation.
AnEx-196	617709	7113648	Q012462	4.6	Dark clayey arg near pit bottom with variable degrees of oxidation.
AnEx-196	617709	7113648	Q012463	4.6	Dark clayey arg near pit bottom with variable degrees of oxidation.
AnEx-196	617709	7113648	Q012464	4.6	Clayey argillite fault breccia? Argillite samples near pit bottom that appear to display increased strain expression.
AnEx-196	617709	7113648	Q012465	4.6	Clayey argillite fault breccia? Argillite samples near pit bottom that appear to display increased strain expression.
AnEx-196	617709	7113648	Q012466	4.6	Clayey argillite fault breccia? Argillite samples near pit bottom that appear to display increased strain expression.
AnEx-196	617709	7113648	Q012467	4.6	Clayey argillite fault breccia? Argillite samples near pit bottom that appear to display increased strain expression.
AnEx-196	617709	7113648	Q012468	4.6	Clayey argillite fault breccia? Argillite samples near pit bottom that appear to display increased strain expression.
AnEx-197	617754	7113698	Q012469	3.0	Glacial till near pit bottom.
AnEx-197	617754	7113698	Q012470	3.0	Glacial till near pit bottom.
AnEx-198	617654	7113760	NS	0.0	Frozen TC.
AnEx-199	617612	7113700	Q012471	2.7	Frozen glacial till near bottom of pit.
AnEx-199	617612	7113700	Q012472	2.7	Frozen glacial till near bottom of pit.
AnEx-200	617578	7113663	Q012473	2.4	Fine grained material from upper transported cover horizon.
AnEx-200	617578	7113663	Q012474	2.4	Fine grained sandy material from lower colluviul/subcrop horizon.
AnEx-200	617578	7113663	Q012475	2.4	Fine grained sandy material from lower colluviul/subcrop horizon.
AnEx-200	617578	7113663	Q012476	2.4	Limestone fragments from lower horizon with CBx texture and oxidation.
AnEx-200	617578	7113663	Q012477	2.4	Limestone fragments from lower horizon with CBx texture and oxidation.
AnEx-201	617592	7113685	Q012478	4.6	Fine fraction of glacial-fluvial seds near pit bottom.
AnEx-201	617592	7113685	Q012479	4.6	Fine fraction of glacial-fluvial seds near pit bottom.
AnEx-201	617592	7113685	Q012480	4.6	Coarse fragment within TC horizon near pit bottom. Hematitic limestone with calcite veining.
AnEx-202	617564	7113610	Q012481	1.8	Sandy light brown matrix material.
AnEx-202	617564	7113610	Q012482	1.8	Sandy light brown matrix material.
AnEx-202	617564	7113610	Q012483	1.8	Large angular fragments of bleached limestone.
AnEx-202	617564	7113610	Q012484	1.8	Large angular fragments of bleached limestone.
AnEx-202	617564	7113610	Q012485	1.8	Oxide zone in sandy matrix.
AnEx-202	617564	7113610	Q012486	1.8	Larger fragments from oxide zone.
AnEx-203	617536	7113571	Q012487	2.1	Light brown sandy material near pit bottom.
AnEx-203	617536	7113571	Q012488	2.1	Light brown sandy material near pit bottom.
AnEx-203	617536	7113571	Q012489	2.1	Light brown sandy material near pit bottom.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-203	617536	7113571	Q012490	2.1	Small fragments of bleached dolomitized limestone near pit bottom.
AnEx-204	617446	7113610	Q012491	2.1	Light brown sandy material near pit bottom.
AnEx-204	617446	7113610	Q012492	2.1	Light brown sandy material near pit bottom.
AnEx-204	617446	7113610	Q012493	2.1	Fragments of dol CBx limestone at pit bottom.
AnEx-204	617446	7113610	Q012494	2.1	Fragments of dol CBx limestone at pit bottom.
AnEx-204	617446	7113610	Q012495	2.1	Fragments of dol CBx limestone at pit bottom.
AnEx-205	617461	7113606	Q012496	0.0	Subdounded to rounded clasts on road. Dissolution breccias consisting of rounded limestone clasts within an oxide matrix.
AnEx-205	617461	7113606	Q012497	0.0	Subdounded to rounded clasts on road. Dissolution breccias consisting of rounded limestone clasts within an oxide matrix.
AnEx-205	617461	7113606	Q012498	0.0	Subdounded to rounded clasts on road. Dissolution breccias consisting of rounded limestone clasts within an oxide matrix.
AnEx-204	617461	7113606	Q012499	0.0	Subdounded to rounded clasts on road. Dissolution breccias consisting of rounded limestone clasts within an oxide matrix.
AnEx-205	617475	7113663	Q012500	4.6	Hematitic limestone from pit bottom (fine fraction).
AnEx-205	617475	7113663	Q012501	4.6	Hematitic limestone from pit bottom (fine fraction).
AnEx-205	617475	7113663	Q012502	4.6	Hematitic limestone from pit bottom (fine fraction).
AnEx-205	617475	7113663	Q012503	4.6	Hematitic limestone from pit bottom (Coarse fraction).
AnEx-205	617475	7113663	Q012504	4.6	Hematitic limestone from pit bottom (Coarse fraction).
AnEx-205	617475	7113663	Q012505	4.6	Hematitic limestone from pit bottom (Coarse fraction).
AnEx-205	617475	7113663	Q012506	4.6	Hematitic limestone from pit bottom (Coarse fraction).
AnEx-205	617475	7113663	Q012507	4.6	Hematitic limestone from pit bottom (Coarse fraction).
AnEx-205	617475	7113663	Q012508	4.6	Sandy fine fraction from TC horizon in pit.
AnEx-205	617475	7113663	Q012509	4.6	Sandy fine fraction from TC horizon in pit.
AnEx-205	617475	7113663	Q012510	4.6	Dolomitized decarbed limestone fragment from upper pit horizon.
AnEx-206	617482	7113699	Q012511	2.1	Till samples just above bedrock horizon.
AnEx-206	617482	7113699	Q012512	2.1	Till samples just above bedrock horizon.
AnEx-206	617482	7113699	Q012513	2.1	Till samples just above bedrock horizon.
AnEx-206	617482	7113699	Q012514	2.1	Limestone chips from what appears to be bedrock.
AnEx-207	617516	7113739	Q012515	3.0	Fine fraction of transported cover near pit bottom.
AnEx-208	617543	7113791	NS	0.0	
AnEx-209	617504	7113718	Q012516	4.6	Fine grained sandy matrix material near pit bottom.
AnEx-209	617504	7113718	Q012517	4.6	Tan CBx fragments near pit bottom.
AnEx-209	617504	7113718	Q012518	4.6	Oxide material sourcing near pit bottom. Still appears to be in colluvial horizon.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-209	617504	7113718	Q012519	4.6	Oxide material sourcing near pit bottom. Still appears to be in colluvial horizon.
AnEx-210	617484	7113684	Q012520	3.7	Fine grained material near pit bottom. Light coloured sandy with associated limestone fragments.
AnEx-210	617484	7113684	Q012521	3.7	Fine grained material near pit bottom. Light coloured sandy with associated limestone fragments.
AnEx-210	617484	7113684	Q012522	3.7	Fine grained material near pit bottom. Light coloured sandy with associated limestone fragments.
AnEx-211	617445	7113828	Q012523	4.6	Clayey matrix of lower transported cover horizon.
AnEx-211	617445	7113828	Q012524	4.6	Clayey matrix of lower transported cover horizon.
AnEx-211	617445	7113828	Q012525	4.6	Clayey matrix of lower transported cover horizon.
AnEx-212	617418	7113788	Q012526	4.6	Clayey to sandy oxide material from lower horizon.
AnEx-212	617418	7113788	Q012527	4.6	Clayey to sandy oxide material from lower horizon.
AnEx-212	617418	7113788	Q012528	4.6	Clayey to sandy oxide material from lower horizon.
AnEx-212	617418	7113788	Q012529	4.6	Clayey to sandy oxide material from lower horizon.
AnEx-212	617418	7113788	Q012530	4.6	Clayey to sandy oxide material from lower horizon.
AnEx-212	617418	7113788	Q012531	4.6	Clayey to sandy oxide material from lower horizon.
AnEx-212	617418	7113788	Q012532	4.6	Coarse fragments of oxidized, dolomitized limestone.
AnEx-212	617418	7113788	Q012533	4.6	Coarse fragments of oxidized, dolomitized limestone.
AnEx-212	617418	7113788	Q012534	4.6	Coarse fragments of oxidized, dolomitized limestone.
AnEx-212	617418	7113788	Q012535	4.6	Coarse fragments of oxidized, dolomitized limestone.
AnEx-212	617418	7113788	Q012536	4.6	Coarse fragments of oxidized, dolomitized limestone.
AnEx-212	617418	7113788	Q012537	4.6	Coarse fragments of oxidized, dolomitized limestone.
AnEx-212	617418	7113788	Q012538	4.6	Fine grained fluvial sediments above oxide horizon.
AnEx-213	617390	7113740	Q012539	4.6	Fine grained sandy material from TC near pit bottom.
AnEx-213	617390	7113740	Q012540	4.6	Fine grained sandy material from TC near pit bottom.
AnEx-214	617359	7113697	Q012541	4.6	Fine grained matrix of TC seds near pit bottom.
AnEx-214	617359	7113697	Q012542	4.6	Fine grained matrix of TC seds near pit bottom.
AnEx-215	617335	7113656	Q012543	2.1	Fine grained material from colluvial horizon.
AnEx-215	617335	7113656	Q012544	2.1	Fine grained material from colluvial horizon.
AnEx-215	617335	7113656	Q012545	2.1	Dolomitized limestone with CBx from bedrock.
AnEx-215	617335	7113656	Q012546	2.1	Dolomitized limestone with CBx from bedrock.
AnEx-215	617335	7113656	Q012547	2.1	Dolomitized limestone with CBx from bedrock.
AnEx-215	617335	7113656	Q012548	2.1	Dolomitized limestone with CBx from bedrock.
AnEx-216	617458	7113649	Q012549	2.4	Hematitic limestone, euhedral calcite blobs, at pit bottom.
AnEx-216	617458	7113649	Q012550	2.4	Hematitic limestone, euhedral calcite blobs, at pit bottom.
AnEx-216	617458	7113649	Q012551	2.4	Fine grain material at pit bottom

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-217	617401	7113763	Q012552	4.3	brown wackstone, euhedral calcite, oxidized clasts at 10 ft depth.
AnEx-217	617401	7113763	Q012553	4.3	dark wackstone, euhedral calcite, oxidized patches at 10 ft depth.
AnEx-217	617401	7113763	Q012554	4.3	fine grain material from pit bottom
AnEx-218	617434	7113800	Q012555	4.3	dark purple oxide, found in transported layer.
AnEx-218	617434	7113800	Q012556	4.3	oxidized rock with dark clasts, weakly calcareous, white powder disseminated. Fault rock? Found in transported layer
AnEx-218	617434	7113800	Q012557	4.3	black course grained rock with oxide patches.
AnEx-218	617434	7113800	Q012558	4.3	fragments of black course grained rock with oxide patches.
AnEx-218	617434	7113800	Q012559	4.3	oxide fragments found in waste pile
AnEx-218	617434	7113800	Q012560	4.3	altered black course grained rock. Oxide patches, beige and grey patches.
AnEx-219	617425	7113801	Q012561	2.7	limestone, calcite veined, oxidized.
AnEx-219	617425	7113801	Q012562	2.7	purple, highly oxidized vein with calcite
AnEx-219	617425	7113801	Q012563	2.7	fine grained material fro, pit bottom, near anubis fault.
AnEx-220	617417	7113675	Q012565	2.4	dark grey limestone, possibly fossiliferous. Tan sections of crackle breccia. From bedrock.
AnEx-220	617417	7113675	Q012566	2.4	tan crackle breccia with black calcite.
AnEx-220	617417	7113675	Q012567	2.4	fines + rock fragments from pit bottom.
AnEx-221	617432	7113707	Q012568	4.3	pervasive light brown oxidized limestone. Found in transported cover.
AnEx-221	617432	7113707	Q012569	4.3	brown oxidized limestone with some pocky sections, found in transported cover.
AnEx-221	617432	7113707	Q012570	4.3	tan limestone, black veinlets, some pocky sections, in beige transported cover
AnEx-221	617432	7113707	Q012571	4.3	tan limestone, black veinlets, some pocky sections, in beige transported cover
AnEx-221	617432	7113707	Q012572	4.3	grey limestone, hematitic, red-brown alteration. Transported cover.
AnEx-221	617432	7113707	Q012573	4.3	oxidized fragments from waste pile.
AnEx-221	617432	7113707	Q012574	4.3	fines + fragments from pit bottom.
AnEx-222	617445	7113727	Q012575	4.3	pervasive orange-brown oxidized limestone found in transported cover.
AnEx-222	617445	7113727	Q012576	4.3	brown-orange oxidized clay, 12 ft.
AnEx-222	617445	7113727	Q012577	4.3	brown-orangish wackstone that is crumbly, found in waste pile.
AnEx-222	617445	7113727	Q012578	4.3	brown oxidized wackstone. Found in waste pile.
AnEx-222	617445	7113727	Q012579	4.3	beige veined, hydrothermal dolostone. 12 ft
AnEx-223	617469	7113767	Q012580	4.3	black clay and siltstone rock fragments from hanging wall of anubis fault. Found in dark transported layer
AnEx-223	617469	7113767	Q012581	4.3	altered f.g. black, non-calcareous rock. Found in dark transported layer
AnEx-223	617469	7113767	Q012582	4.3	altered f.g. black non-calcareous rock. Purple hue, pocky and oxidized. Found in dark transported layer
AnEx-223	617469	7113767	Q012583	4.3	oxidized limestone, transported layer below black layer.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-223	617469	7113767	Q012584	4.3	fines from pit bottom.
AnEx-224	617529	7113636	Q012585	3.0	red-brown clay with rock fragments, 3ft transported cover.
AnEx-224	617529	7113636	Q012586	3.0	wackstone with red hue and red bands. In transported cover.
AnEx-224	617529	7113636	Q012587	3.0	wackstone, hematitic alteration. Transported cover
AnEx-224	617529	7113636	Q012588	3.0	fines from pit bottom.
AnEx-224	617529	7113636	Q012589	3.0	oxidized wackstone.
AnEx-225	617625	7113631	Q012590	3.0	tan limestone, calcite veinlets, some of which are black.
AnEx-225	617625	7113631	Q012591	3.0	fines from bit bottom.
AnEx-226	617650	7113631	Q012592	3.0	light brown-orange, altered limestone. Some calcite veins.
AnEx-226	617650	7113631	Q012593	3.0	fines from pit bottom.
AnEx-227	617697	7113632	Q012594	3.7	fines from pit bottom.
AnEx-228	617723	7113576	Q012595	2.4	grey-beige fractured limestone with some orange pocky material.
AnEx-229	617793	7113546	Q012597	3.4	dark limestone, calcite veined, some vugs with calcite that is not typical crystal form. Minor oxidization, bedrock
AnEx-229	617793	7113546	Q012598	3.4	dark limestone, calcite veined, some vugs with calcite that is not typical crystal form. Minor oxidization, bedrock
AnEx-229	617793	7113546	Q012599	3.4	dark limestone, calcite veined, some vugs with calcite that is not typical crystal form. Minor oxidization, bedrock
AnEx-230	617699	7113404	Q012652	2.4	orange-brown limestone, oxide? Transported cover
AnEx-230	617699	7113404	Q012653	2.4	grey crystralline limestone, some clay alteration, and calcite vein
AnEx-230	617699	7113404	Q012654	2.4	orange clay, some rock fragments, associated with calcite.
AnEx-230	617699	7113404	Q012655	2.4	tan limestone, black veinlets, fractured.
AnEx-231	617681	7113371	Q012656	3.0	micritic limestone with orange material in fractured. Transported cover
AnEx-231	617681	7113371	Q012657	3.0	tan clay altered limestone, porous, pocky, soft. Found in waste pile.
AnEx-231	617681	7113371	Q012658	3.0	grey limestone bedrock. Zone of black veinlets.
AnEx-231	617681	7113371	Q012659	3.0	fines from pit bottom.
AnEx-232	617680	7113323	Q012661	3.0	tan-brown clay altered rock with dark sections. Transported cover
AnEx-232	617680	7113323	Q012662	3.0	brown-beige-orange clay
AnEx-232	617680	7113323	Q012663	3.0	brown-beige-orange clay
AnEx-232	617680	7113323	Q012664	3.0	tan limestone, calcite vein showing small scale dilatent zone in calcite vein.
AnEx-232	617680	7113323	Q012665	3.0	orange-yellow oxidized limestone
AnEx-232	617680	7113323	Q012666	3.0	orange-yellow oxidized limestone
AnEx-232	617680	7113323	Q012667	3.0	orange-yellow oxidized limestone
AnEx-232	617680	7113323	Q012668	3.0	brown oxide limestone

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-232	617680	7113323	Q012669	3.0	orange-red oxide limestone
AnEx-232	617680	7113323	Q012670	3.0	hematitic stained limestone with calcite
AnEx-233	617676	7113301	Q012671	3.0	Brown-red clay
AnEx-233	617676	7113301	Q012672	3.0	Brown-red clay
AnEx-233	617676	7113301	Q012673	3.0	tan limestone, grey-white calcite, some oxide patches.
AnEx-233	617676	7113301	Q012674	3.0	tan limestone, grey-white calcite, some oxide patches.
AnEx-233	617676	7113301	Q012675	3.0	tan limestone, dark calcite, some oxidization + pocky material
AnEx-233	617676	7113301	Q012676	3.0	tan limestone, dark calcite, some oxidization + pocky material
AnEx-233	617676	7113301	Q012677	3.0	brown-orange limestone, calcite, some brecciation with pink hue.
AnEx-233	617676	7113301	Q012678	3.0	tan limestone, dark calcite, some oxidization + pocky material
AnEx-233	617676	7113301	Q012679	3.0	brown-beige clay
AnEx-233	617676	7113301	Q012680	3.0	light brown clay with some oxide clasts
AnEx-234	617675	7113211	Q012687	2.4	brown clay
AnEx-234	617675	7113211	Q012688	2.4	calcite veined, gray limestone, bedrock
AnEx-234	617675	7113211	Q012689	2.4	calcite veined, gray limestone, bedrock
AnEx-235	617680	7113311	Q012690	2.4	yellow-beige clay, and in some spots, it is more competent and is a soft rock
AnEx-235	617680	7113311	Q012691	2.4	orange clay from top of clay layer
AnEx-235	617680	7113311	Q012692	2.4	tan fractured limestone
AnEx-235	617680	7113311	Q012693	2.4	clay altered limestone with some oxide in fracture.
AnEx-236	617628	7113309	Q012694	0.0	tan limestone with some sections of brown-red oxide staining, pocky, black calcite
AnEx-236	617628	7113309	Q012695	0.0	tan limestone with some sections of brown-red oxide staining, pocky, black calcite
AnEx-236	617628	7113309	Q012696	0.0	tan limestone with some sections of brown-red oxide staining, pocky, black calcite
AnEx-236	617628	7113309	Q012697	0.0	fines from pit bottom.
AnEx-238	617644	7113137	Q012701	0.9	limestone stained brown-orange, minor oxide
AnEx-238	617644	7113137	Q012702	0.9	limestone stained brown-orange, minor oxide
AnEx-238	617644	7113137	Q012703	0.9	grey limestone, minor clay + oxide alteration
AnEx-238	617644	7113137	Q012704	0.9	limestone with some oxidization, not pervasive.
AnEx-238	617644	7113137	Q012705	0.9	altered fossiliferous limestone, black porous patches, some red-orange staining, green hue
AnEx-238	617644	7113137	Q012706	0.9	altered fossiliferous limestone, black porous patches, some red-orange staining, green hue
AnEx-238	617644	7113137	Q012707	0.9	altered limestone, green As oxide. Rock is soft and has some darker oxide also.
AnEx-238	617644	7113137	Q012708	0.9	altered limestone, green As oxide. Rock is soft and has some darker oxide also.
AnEx-238	617644	7113137	Q012709	0.9	Variably oxidized limestone collected over 3m interval of trench
AnEx-238	617644	7113137	Q012710	0.9	Variably oxidized limestone collected over 3m interval of trench

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-238	617644	7113137	Q012711	0.9	Variably oxidized limestone collected over 3m interval of trench
AnEx-238	617644	7113137	Q012712	0.9	Variably oxidized limestone collected over 3m interval of trench
AnEx-238	617644	7113137	Q012713	0.9	Variably oxidized limestone collected over 3m interval of trench
AnEx-238	617644	7113137	Q012714	0.9	Variably oxidized limestone collected over 3m interval of trench
AnEx-238	617644	7113137	Q012715	0.9	Variably oxidized limestone collected over 3m interval of trench
AnEx-238	617644	7113137	Q012716	0.9	Variably oxidized limestone collected over 3m interval of trench
AnEx-238	617644	7113137	Q012717	0.9	altered limestone, quartz added. Found adjacent to oxide LS
AnEx-238	617644	7113137	Q012718	0.9	altered limestone, quartz added. Found adjacent to oxide LS
AnEx-239	617674	7113263	Q012719	1.8	brown-red-orange clay
AnEx-239	617674	7113263	Q012720	1.8	brown-red-orange clay
AnEx-239	617674	7113263	Q012721	1.8	brown-red-orange clay
AnEx-239	617674	7113263	Q012722	1.8	tan clay altered breccia
AnEx-240	617707	7113346	Q012723	2.4	from waste pile. Micritic limestone with minor oxide.
AnEx-240	617707	7113346	Q012724	2.4	micritic limestone with orange and red staining
AnEx-240	617707	7113346	Q012725	2.4	micritic limestone with orange and red staining
AnEx-240	617707	7113346	Q012726	2.4	yellow soft rock, oxide?
AnEx-240	617707	7113346	Q012727	2.4	fragmetns of clay chipped from clay vein. Brown-orange-grey clay
AnEx-241	617646	7113271	Q012728	1.5	brown clay altered limestone, some brecciation
AnEx-241	617646	7113271	Q012729	1.5	brown clay altered limestone, some brecciation
AnEx-242	617655	7113299	Q012730	1.8	clay altered limestone, veined + breccia. Found in cover
AnEx-242	617655	7113299	Q012731	1.8	clay altered limestone, veined + breccia. Found in cover
AnEx-242	617655	7113299	Q012732	1.8	grey limestone bedrock
AnEx-243	617658	7113328	Q012733	1.5	dark wackstone, red-orange oxide. Found in cover
AnEx-243	617658	7113328	Q012734	1.5	tan crackle breccia with dark orangish matrix
AnEx-243	617658	7113328	Q012735	1.5	light grey mictiric limestone, bedrock
AnEx-244	617690	7113315	Q012736	1.8	dark limestone, calcite veined with oxide blebs
AnEx-244	617690	7113315	Q012737	1.8	dark limestone, calcite veined with oxide blebs
AnEx-245	617665	7113316	Q012738	1.8	veined + oxidized, orange-brown, limestone. Found in cover
AnEx-245	617665	7113316	Q012739	1.8	veined + oxidized, orange-brown, limestone. Found in cover
AnEx-246	617671	7113290	Q012740	2.7	clay altered + oxide limestone
AnEx-246	617671	7113290	Q012741	2.7	clay altered + oxide limestone
AnEx-246	617671	7113290	Q012742	2.7	clay altered + oxide limestone
AnEx-246	617671	7113290	Q012743	2.7	clay altered + oxide limestone

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-246	617671	7113290	Q012744	2.7	clay altered + oxide limestone
AnEx-246	617671	7113290	Q012745	2.7	clay altered + oxide limestone
AnEx-246	617671	7113290	Q012746	2.7	clay altered + oxide limestone
AnEx-246	617671	7113290	Q012747	2.7	orange clay
AnEx-247	617454	7113738	Q012748	3.0	soil + rock fragments taken from top cover horizon, 2.5ft depth. These sample were taken at the depth were soil sample with suger was probably taken to attempt to repreduce results in Au.
AnEx-247	617454	7113738	Q012749	3.0	soil + rock fragments taken from top cover horizon, 2.5ft depth. These sample were taken at the depth were soil sample with suger was probably taken to attempt to repreduce results in Au.
AnEx-247	617454	7113738	Q012750	3.0	oxidized limestone 6-8ft, below first layer of cover.
AnEx-247	617454	7113738	Q012751	3.0	oxidized limestone 6-8ft, below first layer of cover.
AnEx-247	617454	7113738	Q012752	3.0	altered argillite
AnEx-247	617454	7113738	Q012753	3.0	altered argillite
AnEx-247	617454	7113738	Q012754	3.0	altered argillite
AnEx-247	617454	7113738	Q012755	3.0	altered argillite
AnEx-247	617454	7113738	Q012756	3.0	micritic grey limestone, black veinlets and calcite veins.
AnEx-248	617507	7113771	Q012757	4.3	dirt + rock fragments of argillite that was brown-oxidized chunks-beige color.
AnEx-248	617507	7113771	Q012758	4.3	dirt + rock fragments of argillite that was brown-oxidized chunks-beige color.
AnEx-248	617507	7113771	Q012759	4.3	dirt + rock fragments of argillite that was brown-oxidized chunks-beige color.
AnEx-225	617625	7113631	Q012760	3.0	from waste file. Wackstone with calcite clasts + oxide blebs
AnEx-225	617625	7113631	Q012761	3.0	tan clay altered limestone with minor oxide
AnEx-225	617625	7113631	Q012762	3.0	tan clay altered limestone with minor oxide
AnEx-225	617625	7113631	Q012763	3.0	clay from bedrock
AnEx-249	617634	7113657	Q012764	3.0	grey limestone bedrock, black in fractures
AnEx-249	617634	7113657	Q012765	3.0	calcite rich limestone
AnEx-249	617634	7113657	Q012766	3.0	calcite rich limestone
AnEx-249	617634	7113657	Q012767	3.0	calcite rich limestone
AnEx-249	617634	7113657	Q012768	3.0	calcite rich limestone
AnEx-249	617634	7113657	Q012769	3.0	calcite breccia with dark matrix
AnEx-249	617634	7113657	Q012770	3.0	sandy dirt rich in calcite, orange-red
AnEx-249	617634	7113657	Q012771	3.0	sandy dirt rich in calcite, orange-red
AnEx-250	617673	7113680	Q012772	4.3	quartz veined argillite
AnEx-250	617673	7113680	Q012773	4.3	dirt and rock fragments from argillite layer, transported
AnEx-62	619191	7112894	Q012776	0.0	waste pile of AnEx62, porous argillite

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-251	619464	7113086	Q012777		light grey to grey sandy material.
AnEx-251	619464	7113086	Q012778		grey sandy rock, green hue to rock, blue grey stain.
AnEx-251	619464	7113086	Q012779		galena with associated altered rock, white Pb oxide
AnEx-251	619464	7113086	Q012780		crumbly soft black material with blue-grey staining
AnEx-251	619464	7113086	Q012781		continuous samples taken in trench when only 3m of alteration zone was exposed at the NW end of trench. SE face of trench, 3ft vertical sample of alteration zone.
AnEx-251	619464	7113086	Q012782		continuous samples taken in trench when only 3m of alteration zone was exposed at the NW end of trench. SW face of trench, 2ft vertical sample of alteration zone
AnEx-251	619464	7113086	Q012783		continuous samples taken in trench when only 3m of alteration zone was exposed at the NW end of trench. The top 1ft of SW face, more altered, vertical sample
AnEx-251	619464	7113086	Q012784		continuous samples taken in trench when only 3m of alteration zone was exposed at the NW end of trench. NE face of trench, 3ft vertical sample of alteration zone
AnEx-251	619464	7113086	Q012785		fractured argillite, yellow staining section, green hue to rock.
AnEx-251	619464	7113086	Q012786		white Pb oxide with galena and associated altered rock.
AnEx-251	619464	7113086	Q012787		grey sand with rock fragments of altered material, f.g. quartz, very porous.
AnEx-251	619464	7113086	Q012788		grey sand with rock fragments of altered material, f.g. quartz, very porous.
AnEx-251	619464	7113086	Q012789		grey sand with rock fragments of altered material, f.g. quartz, very porous.
AnEx-251	619464	7113086	Q012790		black clay with rock, yellow oxide
AnEx-251	619464	7113086	Q012791		grey + green decarb. Green is sandy and porous
AnEx-251	619464	7113086	Q012792		black dirt with white-orange oxide
AnEx-251	619464	7113086	Q012793		black dirt with white-orange oxide
AnEx-251	619464	7113086	Q012794		black dirt + rock fragments with blue-grey staining
AnEx-251	619464	7113086	Q012795		grey + green rock. One section is very green, decarb alteration
AnEx-251	619464	7113086	Q012796		light to dark grey decarb rock. Can see zones of decard outlined by sandy and porous material that is grey-green-orange
AnEx-251	619464	7113086	Q012797		light to dark grey decarb rock. Can see zones of decard outlined by sandy and porous material that is grey-green-orange
AnEx-251	619464	7113086	Q012798		light to dark grey decarb rock. Can see zones of decard outlined by sandy and porous material that is grey-green-orange
AnEx-251	619464	7113086	Q012799		light to dark grey decarb rock. Can see zones of decard outlined by sandy and porous material that is grey-green-orange
AnEx-251	619464	7113086	Q012800		grey silicified + decarb rock. Pocky
AnEx-251	619464	7113086	Q012801		yellow-orange oxidized rock
AnEx-251	619464	7113086	Q012802		yellow-orange oxidized rock
AnEx-251	619464	7113086	Q012803		brecciated rock, green hue all over. Some yellow oxide secitions
AnEx-251	619464	7113086	Q012804		yellow-orange oxidized rock

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-251	619464	7113086	Q012805		grey heavy rock, white Pb oxide
AnEx-251	619464	7113086	Q012806		grey + brown decarb, brown is more sandy
AnEx-251	619464	7113086	Q012807		dark grey decarb rock, Fe-As-Pb oxide
AnEx-251	619464	7113086	Q012808		dark grey decarb rock, Fe-As-Pb oxide
AnEx-251	619464	7113086	Q012809		dark grey decarb rock, Fe-As-Pb oxide
AnEx-251	619464	7113086	Q012810		dark grey sand + rock fragments
AnEx-251	619464	7113086	Q012811	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 0-1m, about 70cm of this sample is thought to be im unaltered argillite with 30cm of sample in sandy altered argillite.
AnEx-251	619464	7113086	Q012812	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 1-2m, black sandy dirt + clay. 20cm lens of massive galena with white oxide. Green hue to some rocks.
AnEx-251	619464	7113086	Q012813	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 2-3m, black sandy altered argillite with some decarb fragments. Green hue to rocks.
AnEx-251	619464	7113086	Q012814	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 3-4m, black-grey sandy material, green hue, some blue-grey staining on altered argillite fragments
AnEx-251	619464	7113086	Q012815	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 4-5m, black-grey clay + altered argillite turned to dirt. White oxide + galena lens 1.5 ft long
AnEx-251	619464	7113086	Q012816	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 5-6m, grey clay
AnEx-251	619464	7113086	Q012817	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 6-7m, grey clay, then moving into zone of yellow-orange oxide
AnEx-251	619464	7113086	Q012818	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 7-8m, yellow-orange oxide, grey clay, and soft crumbly altered argillite fragments.
AnEx-251	619464	7113086	Q012819	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 8-9m, grey clay, brown oxide which is in argillite white is more competent than the altered argillite to the NW in the trench.
AnEx-251	619464	7113086	Q012820	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 9-10m, argillite fragments, brown-orange-red oxide
AnEx-251	619464	7113086	Q012821	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 10-11m, light grey to dark grey sandy alteration, argillite framgents are soft and crumbly, porous.
AnEx-251	619464	7113086	Q012822	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 11-12m, brown-orange-white sandy material, f.g. quartz?,
AnEx-251	619464	7113086	Q012823	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 12-13m, argillite fragments which are soft, crumbly and porous. Some grey f.g. quartz.
AnEx-251	619464	7113086	Q012824	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 13-14m, dull black soft crumbly argillite that is porous
AnEx-251	619464	7113086	Q012825	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. 14-15m, black soft crunbly argillite, grey f.g. quartz patches
AnEx-251	619464	7113086	Q012826	3.0	Trench sampling, horizontal at depth of 10ft on the NE side of trench. This is a sample of material which is thought to be out of the alteration zone on the SE end of the trench, black argillite and some clay.
AnEx-251	619464	7113086	Q012827	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 2-3m, black sooty material + grey f.g. quartz.

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-251	619464	7113086	Q012828	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 3-4m, black material + green-grey sandy alteration
AnEx-251	619464	7113086	Q012829	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 4-5m, black material + green-grey sandy alteration with f.g. grey silica
AnEx-251	619464	7113086	Q012830	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 5-6m, black material + green-grey sandy alteration with f.g. grey silica. 30cm grey lens
AnEx-251	619464	7113086	Q012831	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 6-7m, green-yellow oxide, large silicified section, determined by presence of large altered rock which was relatively competent
AnEx-251	619464	7113086	Q012832	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 7-8m, black sooty material and white oxide
AnEx-251	619464	7113086	Q012833	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 8-11m, over this intercal there is a contact with black altered material and an oxide zone.
AnEx-251	619464	7113086	Q012834	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 11-12m, orange oxidized argillite, black clay
AnEx-251	619464	7113086	Q012835	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 12-13m, black clay + orange oxide and some fractured argillite
AnEx-251	619464	7113086	Q012836	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 13-14m, 5cm chunks of oxide orgillite, rock is becoming more competent.
AnEx-251	619464	7113086	Q012837	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. 14-15m, fractured-stained argillite + black clay
AnEx-251	619464	7113086	Q012838	3.0	Trench sampling, horizontal at depth of 10ft on the SW side of trench. This is a sample of material which is thought to be out of the alteration zone on the SE end of the trench, black clay
AnEx-251	619464	7113086	Q012839	3.0	Fe + Pb (white-orange) oxide. Material is crumbly and soft
AnEx-251	619464	7113086	Q012840	3.0	Fe + Pb (white-orange) oxide. Material is crumbly and soft
AnEx-251	619464	7113086	Q012841	3.0	green-yellow oxide, sandy silicified rock.
AnEx-252	619066	7113538	Q012842	3.7	grey rock fragments that are found at the base of the till layer in contact with bedrock, then are soft crumbly, calcareous and porous.
AnEx-252	619066	7113538	Q012843	3.7	grey rock fragments that are found at the base of the till layer in contact with bedrock, then are soft crumbly, calcareous and porous.
AnEx-252	619066	7113538	Q012844	3.7	grey rock fragments that are found at the base of the till layer in contact with bedrock, then are soft crumbly, calcareous and porous.
AnEx-252	619066	7113538	Q012845	3.7	clay altered bedrock, brown 0-2m
AnEx-252	619066	7113538	Q012846	3.7	clayt altered bedrock, orange 2-4m
AnEx-252	619066	7113538	Q012847	3.7	brown sandy clay
AnEx-252	619066	7113538	Q012848	3.7	brown-orange clay altered bedrock
AnEx-252	619066	7113538	Q012849	3.7	grey limestone fragments
AnEx-252	619066	7113538	Q012850	3.7	black f.g. porous, non-calcareous pocky rock. Silicified?
AnEx-252	619066	7113538	Q012851	3.7	brown clayish dirt

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-252	619066	7113538	Q012852	3.7	grey limestone, porous, calcite veined
AnEx-252	619066	7113538	Q012853	3.7	grey weathering limestone fragments
AnEx-252	619066	7113538	Q012854	3.7	highgrade sample of oxide clasts, dark oxide clasts.
AnEx-252	619066	7113538	Q012855	3.7	limy brown dirt
AnEx-252	619066	7113538	Q012856	3.7	N-S trench 8m long, 0-1m beige-brown sandy dirt, limy
AnEx-252	619066	7113538	Q012857	3.7	N-S trench 8m long, 1-2m brown clay altered bedrock
AnEx-252	619066	7113538	Q012858	3.7	N-S trench 8m long, 2-4m beige-brown-orange clay altered bedrock
AnEx-252	619066	7113538	Q012859	3.7	N-S trench 8m long, 4-6m, brown clay altered bedrock
AnEx-252	619066	7113538	Q012860	3.7	N-S trench 8m long, 6-8m, orange brown clay altered bedrock. More competent rocks showing up that are unaltered
AnEx-252	619066	7113538	Q012861	3.7	N-S trench 8m long, 6-8m trench line moved 2m to the west. More homogeneous clay alteration
AnEx-252	619066	7113538	Q012862	3.7	N-S trench 8m long, 7-8 clay alteration before end of zone
AnEx-252	619066	7113538	Q012863	3.7	limestone partial clay alteration
AnEx-252	619066	7113538	Q012864	3.7	E-W trench 0-2m, light brown, streaks of lighter material, some oxide bits
AnEx-252	619066	7113538	Q012865	3.7	clay altered bedrock.
AnEx-252	619066	7113538	Q012866	3.7	clay altered bedrock.
AnEx-252	619066	7113538	Q012867	3.7	grey clay altered limestone, calcareous, porous
AnEx-253	619055	7113548	Q012868	3.7	light brown colors, limey dirt
AnEx-253	619055	7113548	Q012869	3.7	orange-brown clay altered bedrock
AnEx-253	619055	7113548	Q012870	3.7	orange-brown clay altered bedrock
AnEx-254	619047	7113549	Q012871	3.7	orange oxidized clay
AnEx-254	619047	7113549	Q012872	3.7	grey-beige-oxide clay samples
AnEx-254	619047	7113549	Q012873	3.7	grey-beige-oxide clay samples
AnEx-254	619047	7113549	Q012874	3.7	grey-beige-oxide clay samples
AnEx-254	619047	7113549	Q012875	3.7	orange-brown silicified oxide
AnEx-254	619047	7113549	Q012876	3.7	orange-brown silicified oxide
AnEx-254	619047	7113549	Q012877	3.7	grey silicified fossiliferous limestone, pocky
AnEx-254	619047	7113549	Q012878	3.7	black rock, silicified + decarb alteration with brown oxide
AnEx-254	619047	7113549	Q012879	3.7	black rock, brown oxide, white mineral weakly calcareous
AnEx-254	619047	7113549	Q012880	3.7	black rock, brown oxide, white mineral weakly calcareous
AnEx-254	619047	7113549	Q012881	3.7	brown-orange oxide in black rock, non-calcareous
AnEx-254	619047	7113549	Q012882	3.7	brown-orange oxide in black rock, non-calcareous
AnEx-254	619047	7113549	Q012883	3.7	brown-orange oxide in black rock, non-calcareous

Pit ID	EASTING	NORTHING	SAMPLE	Depth (m)	Description
AnEx-254	619047	7113549	Q012884	3.7	brown-orange oxide in black rock, non-calcareous
AnEx-254	619047	7113549	Q012885	3.7	brown-orange oxide in black rock, non-calcareous

APPENDIX VII

EXCAVATOR PIT - CERTIFICATES OF ANALYSIS

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

CERTIFICATE WH13125273

Project: NADALEEN

P.O. No.: AnEx-1

This report is for 93 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007477	0.19	<0.01	0.12	0.85	8	150	0.27	0.06	30.2	0.50	18.75	2.0	11	1.04	3.8
Q007478	0.29	0.01	0.03	1.97	4.9	70	0.22	0.05	0.83	0.07	28.5	6.2	42	0.64	20.1
Q007479	0.20	<0.01	0.09	0.96	6	170	0.34	0.03	32.1	0.36	20.5	2.2	13	1.39	4.3
Q007480	0.25	<0.01	0.09	0.86	15	200	0.30	0.03	32.8	0.51	16.70	2.7	10	1.08	4.6
Q007481	0.18	<0.01	0.04	0.49	<5	90	0.21	0.02	28.6	0.21	6.99	1.2	9	1.00	3.1
Q007482	0.39	<0.01	0.48	4.74	60	450	1.46	0.17	14.75	1.63	54.8	9.7	64	6.53	27.7
Q007483	0.29	<0.01	0.42	2.52	1330	300	0.73	0.08	24.9	7.92	33.2	5.8	31	4.74	14.6
Q007484	0.41	0.01	0.41	2.48	827	290	0.68	0.08	24.3	5.77	30.4	6.4	31	4.05	16.0
Q007485	0.15	<0.01	1.37	5.84	3010	580	1.90	0.18	4.99	6.22	57.6	21.8	73	11.40	30.3
Q007486	0.40	<0.01	0.61	2.92	836	380	0.85	0.10	22.9	5.90	36.3	7.1	33	5.09	18.9
Q007487	0.61	<0.01	1.38	5.66	2540	570	1.91	0.17	3.76	4.27	54.4	15.7	71	12.75	31.7
Q007488	0.79	<0.01	0.58	3.95	927	480	1.03	0.12	18.75	5.84	43.8	8.4	44	6.51	21.5
Q007489	0.45	0.01	1.07	5.20	1840	660	1.49	0.16	10.65	6.24	53.1	13.0	65	11.55	25.8
Q007490	0.78	0.01	0.80	5.06	1460	680	1.39	0.16	12.30	6.24	53.0	12.5	60	10.65	25.9
Q007491	0.47	<0.01	0.78	4.92	1560	650	1.35	0.16	12.15	6.08	50.3	12.3	60	10.65	24.7
Q007492	0.17	<0.01	1.94	3.41	>10000	3560	5.27	0.05	0.74	98.0	37.5	22.2	36	4.32	119.0
Q007493	0.61	0.06	2.56	3.50	>10000	470	8.30	0.12	0.88	164.5	57.4	47.2	52	13.65	52.4
Q007494	0.36	0.01	2.16	3.48	>10000	1750	5.82	0.06	0.71	193.0	28.5	42.9	38	8.39	125.0
Q007495	0.50	0.03	3.19	5.27	>10000	1820	6.42	0.14	1.12	147.5	58.9	32.9	61	12.65	86.3
Q007496	0.39	0.01	0.84	3.40	6470	1160	1.62	0.06	0.68	11.20	22.2	2.6	92	5.95	178.0
Q007497	0.41	0.03	2.31	2.43	>10000	450	8.05	0.09	0.75	130.5	42.1	43.6	36	9.24	47.8
Q007498	0.38	0.02	2.48	5.42	6640	750	2.00	0.20	7.95	11.85	68.9	37.4	89	34.4	47.0
Q007499	0.23	0.01	0.78	0.54	525	160	0.35	0.02	32.1	3.82	7.42	3.5	8	1.19	5.9
Q007500	0.23	<0.01	0.05	0.46	203	210	0.17	0.02	34.7	0.85	7.19	1.6	5	1.09	3.2
Q007508	0.27	0.01	0.85	3.58	1180	750	1.17	0.11	17.10	7.43	35.8	6.4	54	9.50	20.0
Q007509	0.06	0.01	1.01	5.95	4300	430	1.83	0.16	13.20	13.05	46.3	8.6	75	21.9	37.5
Q007510	0.09	0.01	0.81	4.19	2610	350	1.16	0.12	20.2	22.4	28.7	7.6	45	8.99	24.5
Q007511	0.16	0.32	96.6	0.83	2650	380	0.33	0.04	0.46	12.55	13.85	0.9	51	1.14	160.5
Q007512	0.12	0.29	>100	1.31	3860	560	0.55	0.07	0.60	26.3	21.7	1.1	72	1.73	238
Q007513	0.25	0.12	78.8	0.97	7550	630	0.41	0.08	0.20	37.7	24.6	0.4	120	1.81	179.0
Q007514	0.88	0.07	5.56	6.88	6710	2030	4.63	0.18	0.77	61.3	87.4	55.8	123	21.6	48.2
Q007515	0.37	0.34	>100	1.82	4480	1090	0.80	0.10	0.81	29.8	35.6	1.3	112	2.49	329
Q007516	0.35	0.09	54.1	1.97	954	1600	0.68	0.11	0.44	12.25	53.8	0.8	107	3.41	133.5
Q007517	0.41	0.07	61.9	2.44	934	1900	0.85	0.14	0.51	14.80	68.8	1.2	119	4.29	142.0
Q007518	0.37	0.02	>100	2.51	9200	840	2.32	0.09	0.46	140.0	49.1	4.7	107	3.41	210
Q007519	0.72	<0.01	2.22	0.50	1845	210	0.95	0.04	0.15	98.6	6.77	1.3	37	0.63	71.4
Q007520	0.52	<0.01	2.28	0.74	1840	100	0.76	0.02	0.16	88.5	6.18	0.8	39	0.98	98.9
Q007521	0.78	<0.01	0.53	0.29	766	110	0.37	0.01	0.17	40.6	2.66	0.5	21	0.42	31.7
Q007522	0.23	<0.01	0.88	0.40	1555	60	0.76	0.03	0.14	81.8	3.47	1.4	39	0.68	78.0
Q007523	0.48	<0.01	1.71	0.67	2270	310	1.07	0.43	0.17	127.5	9.19	2.2	45	0.86	89.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007477		0.58	2.30	0.06	0.3	0.02	0.012	0.45	12.0	4.9	1.55	107	0.43	0.03	1.5	6.4
Q007478		1.95	4.21	0.06	1.7	0.02	0.018	0.22	13.7	14.4	0.18	457	0.37	0.86	3.7	14.4
Q007479		0.60	2.44	0.06	0.3	0.01	0.011	0.48	13.0	4.7	0.52	111	1.16	0.08	1.6	8.5
Q007480		0.53	2.28	0.07	0.3	0.04	0.010	0.46	10.4	4.0	0.41	135	0.90	0.03	1.5	11.3
Q007481		0.43	1.24	<0.05	0.2	0.02	0.005	0.29	6.0	2.3	2.56	114	0.42	0.02	0.9	5.7
Q007482		2.64	12.80	0.12	2.0	0.09	0.057	2.27	31.5	22.4	1.52	278	2.79	0.15	8.7	46.5
Q007483		1.51	6.80	0.10	1.0	0.67	0.030	1.28	22.9	6.5	0.43	161	2.14	0.03	4.8	86.8
Q007484		1.45	6.36	0.10	1.0	0.49	0.028	1.26	20.4	7.0	0.46	195	3.50	0.02	4.6	79.3
Q007485		3.04	16.10	0.14	2.2	1.02	0.067	3.08	32.7	18.6	0.89	338	2.88	0.05	10.9	187.5
Q007486		1.50	7.87	0.11	1.1	0.45	0.031	1.50	24.4	7.3	0.84	198	4.24	0.02	5.5	82.5
Q007487		2.83	15.90	0.14	2.2	0.74	0.067	3.00	30.2	20.0	1.60	294	3.08	0.05	10.6	174.5
Q007488		1.76	10.70	0.11	1.6	0.21	0.044	2.09	28.5	9.8	1.38	224	5.61	0.03	7.6	96.6
Q007489		2.61	14.15	0.14	2.1	0.60	0.063	2.65	32.2	16.4	0.82	260	4.22	0.05	10.0	147.5
Q007490		2.49	13.80	0.14	2.0	0.39	0.058	2.60	33.5	14.8	1.13	258	5.54	0.05	9.8	146.0
Q007491		2.48	13.75	0.13	2.0	0.47	0.058	2.49	31.6	14.9	0.87	257	4.59	0.06	9.5	142.0
Q007492		17.80	3.79	0.36	0.6	2.45	0.039	0.46	35.7	7.0	0.16	1220	41.6	0.02	2.3	1110
Q007493		34.7	6.82	1.20	1.2	1.73	0.042	1.11	55.6	10.3	0.22	240	242	0.02	5.2	3030
Q007494		33.9	3.67	1.25	0.7	16.7	0.046	0.34	33.2	9.1	0.10	1200	60.4	0.01	2.2	1900
Q007495		25.6	7.44	0.53	1.3	3.59	0.050	1.13	54.6	15.3	0.28	351	168.0	0.04	5.9	2140
Q007496		1.27	3.65	0.10	0.7	0.95	0.031	0.39	28.6	9.2	0.10	80	8.33	0.04	2.7	83.8
Q007497		39.3	4.55	1.53	0.8	1.40	0.034	0.65	43.4	6.3	0.13	250	302	0.01	3.3	3990
Q007498		9.25	15.95	0.25	2.4	1.49	0.054	2.27	52.0	16.4	0.71	462	39.5	0.03	10.4	1050
Q007499		0.75	1.52	0.05	0.2	0.36	0.005	0.26	5.1	2.0	1.85	111	3.46	0.01	1.1	53.4
Q007500		0.42	1.23	0.05	0.2	0.08	0.006	0.22	5.0	2.1	0.16	86	0.91	0.01	1.0	15.2
Q007508		1.93	9.67	0.10	1.5	0.30	0.038	1.78	24.4	13.0	1.13	184	4.49	0.04	6.5	82.2
Q007509		4.11	16.15	0.11	2.4	0.45	0.048	2.93	30.1	17.8	0.89	172	7.05	0.04	9.6	193.5
Q007510		2.21	10.35	0.07	1.6	0.50	0.025	2.05	19.2	9.7	0.86	495	3.48	0.03	6.7	126.0
Q007511		1.75	4.57	0.13	0.3	>100	0.040	0.23	15.0	17.8	0.07	86	123.5	0.01	1.0	31.9
Q007512		2.29	5.50	0.16	0.5	>100	0.079	0.39	25.4	21.1	0.09	83	103.0	0.01	1.7	38.1
Q007513		2.84	4.98	0.21	0.3	>100	0.061	0.22	30.6	5.7	0.04	49	497	0.01	1.0	16.1
Q007514		10.25	16.90	0.21	2.5	5.47	0.053	2.54	72.2	24.8	0.50	537	37.2	0.04	10.0	1040
Q007515		2.59	6.70	0.17	0.7	>100	0.073	0.53	39.8	13.8	0.13	61	212	0.01	2.3	63.4
Q007516		0.95	5.90	0.17	0.9	52.3	0.033	0.62	69.2	11.4	0.13	42	91.8	0.02	3.2	39.2
Q007517		1.18	6.73	0.21	1.5	49.5	0.028	0.79	95.9	13.3	0.16	58	171.5	0.02	4.0	49.9
Q007518		11.25	8.09	0.22	0.8	15.1	0.126	0.66	46.1	8.0	0.09	42	1820	0.01	2.7	284
Q007519		3.82	1.45	0.08	0.2	0.78	0.035	0.06	10.7	5.4	0.02	66	44.1	0.01	0.4	75.7
Q007520		2.93	1.92	0.08	0.3	0.81	0.042	0.09	9.1	7.0	0.02	50	72.1	0.01	1.4	41.8
Q007521		1.67	0.74	<0.05	0.1	0.53	<0.005	0.04	3.6	9.1	0.01	59	21.1	<0.01	0.6	24.1
Q007522		3.01	1.20	<0.05	0.1	0.47	0.017	0.05	4.2	3.2	0.01	85	39.3	0.01	0.4	47.5
Q007523		4.68	2.00	0.05	0.2	0.38	0.027	0.09	13.0	5.8	0.02	79	46.4	0.01	0.8	77.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007477		220	3.7	18.7	<0.002	0.06	0.16	1.8	1	0.3	512	0.09	<0.05	1.7	0.043	0.55
Q007478		200	7.5	10.9	<0.002	<0.01	0.14	4.5	<1	0.6	34.0	0.26	<0.05	5.3	0.319	0.06
Q007479		360	2.6	21.7	<0.002	0.36	0.32	1.8	1	0.4	594	0.10	<0.05	1.5	0.045	0.40
Q007480		140	2.6	20.1	0.007	0.14	0.23	1.7	2	0.4	553	0.09	<0.05	1.5	0.043	0.45
Q007481		240	1.6	13.3	<0.002	0.01	0.22	1.0	1	0.2	324	0.05	<0.05	0.8	0.027	0.29
Q007482		790	12.4	104.5	0.003	0.05	1.52	9.2	2	1.9	252	0.59	0.05	7.9	0.285	2.41
Q007483		300	7.4	51.1	<0.002	0.01	3.92	5.1	2	1.0	440	0.31	<0.05	4.0	0.143	3.55
Q007484		320	6.6	49.2	0.004	<0.01	2.54	4.7	4	1.0	427	0.30	<0.05	3.9	0.142	2.79
Q007485		420	14.2	128.5	<0.002	<0.01	5.79	9.5	1	2.3	120.0	0.74	<0.05	9.5	0.341	9.00
Q007486		290	7.7	59.7	0.002	0.02	3.00	5.9	4	1.1	446	0.35	<0.05	4.6	0.165	3.93
Q007487		290	13.0	129.5	<0.002	0.01	4.91	9.6	2	2.2	88.8	0.70	<0.05	8.9	0.327	9.03
Q007488		280	9.5	85.1	<0.002	0.01	3.86	7.1	4	1.6	464	0.49	<0.05	6.2	0.233	5.43
Q007489		500	14.0	112.5	<0.002	0.01	5.59	9.0	4	2.1	223	0.68	<0.05	8.1	0.316	8.12
Q007490		500	13.4	110.0	<0.002	0.01	5.45	8.9	4	2.0	290	0.64	<0.05	8.0	0.304	7.99
Q007491		490	13.4	106.5	<0.002	0.01	5.41	8.8	3	1.9	272	0.64	<0.05	7.8	0.298	7.50
Q007492		860	14.0	21.2	0.002	0.03	27.7	7.8	4	0.5	76.5	0.16	0.12	2.1	0.064	19.75
Q007493		2370	277	47.7	<0.002	0.02	67.3	9.2	18	0.8	91.6	0.32	0.20	5.7	0.136	14.00
Q007494		1510	1420	18.7	0.003	0.03	40.2	5.1	16	0.4	250	0.19	0.17	2.0	0.044	37.4
Q007495		2610	648	52.0	0.002	0.05	53.2	8.7	15	1.0	183.0	0.37	0.16	5.8	0.155	34.0
Q007496		5620	14.6	20.7	0.004	0.09	3.46	2.1	3	0.5	588	0.17	0.06	2.0	0.074	5.79
Q007497		2230	378	29.6	0.002	0.02	79.4	10.0	16	0.6	85.6	0.22	0.18	3.5	0.083	20.3
Q007498		1280	504	116.0	<0.002	0.01	20.1	11.0	3	2.0	194.0	0.68	0.12	9.0	0.281	18.15
Q007499		200	26.1	11.3	<0.002	0.02	1.39	1.2	1	0.2	387	0.06	<0.05	0.8	0.029	0.66
Q007500		120	5.1	9.4	<0.002	0.01	0.71	1.0	1	0.2	560	0.06	<0.05	0.8	0.027	0.64
Q007508		750	13.4	77.9	0.002	0.03	4.90	6.5	3	1.3	340	0.45	<0.05	5.4	0.208	3.75
Q007509		790	22.1	124.0	<0.002	<0.01	12.55	9.1	4	1.9	292	0.64	0.05	8.4	0.298	8.89
Q007510		240	22.9	78.0	<0.002	<0.01	7.80	7.0	2	1.4	185.5	0.46	0.05	5.6	0.217	3.58
Q007511		1360	>10000	9.2	0.013	0.27	242	1.5	16	0.7	106.0	0.07	0.06	1.2	0.031	16.35
Q007512		2040	>10000	15.0	0.013	0.42	377	2.2	18	0.7	159.5	0.11	0.09	2.0	0.054	35.8
Q007513		3090	>10000	8.9	0.035	0.56	659	1.3	42	0.6	289	0.06	0.14	2.1	0.034	33.4
Q007514		1890	942	120.5	<0.002	0.03	33.5	14.9	8	1.8	330	0.67	0.11	9.2	0.324	10.40
Q007515		3110	>10000	22.3	0.020	0.52	444	4.1	21	0.8	291	0.16	0.10	3.0	0.075	30.8
Q007516		1840	>10000	28.5	0.023	0.27	142.0	2.8	13	0.8	434	0.21	0.10	3.5	0.101	23.2
Q007517		2050	>10000	35.9	0.020	0.31	103.0	3.5	11	0.9	559	0.27	0.13	4.4	0.128	26.0
Q007518		4810	>10000	27.1	0.004	0.68	91.6	13.8	24	0.8	303	0.19	0.06	3.3	0.090	18.05
Q007519		810	294	3.1	0.007	0.03	13.20	3.4	1	0.2	60.5	<0.05	0.05	0.6	0.011	3.73
Q007520		550	588	5.0	0.009	0.04	11.05	2.4	5	0.2	40.3	0.06	0.08	0.6	0.020	31.0
Q007521		280	19.3	1.8	0.004	0.02	4.46	1.1	1	0.2	23.8	<0.05	<0.05	0.3	0.006	3.42
Q007522		670	34.1	2.7	0.022	0.04	7.53	2.0	1	0.2	37.7	<0.05	<0.05	0.3	0.009	6.10
Q007523		970	24.2	4.8	0.010	0.03	14.80	3.2	2	0.3	63.8	<0.05	0.07	0.8	0.020	4.51

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q007477		1.4	24	0.2	11.0	72	11.4					
Q007478		0.9	73	0.5	7.2	29	55.3					
Q007479		1.9	38	0.2	11.6	30	12.7					
Q007480		1.3	23	0.2	8.9	118	11.5					
Q007481		1.1	28	0.1	4.8	43	7.5					
Q007482		3.6	196	0.9	22.3	241	73.3					
Q007483		3.6	209	0.8	18.7	1080	36.6					
Q007484		3.5	158	0.7	17.3	1240	36.9					
Q007485		3.7	405	1.6	19.2	2020	81.2					
Q007486		4.3	213	0.7	20.6	1230	42.2					
Q007487		3.3	402	1.5	16.9	1920	76.5					
Q007488		4.2	307	1.0	19.7	1420	56.8					
Q007489		4.3	400	1.4	20.8	1610	75.3					
Q007490		4.5	374	1.3	21.5	1640	72.1					
Q007491		4.2	359	1.3	21.0	1500	72.4					
Q007492		21.4	2530	1.2	125.0	9110	23.6				2.87	
Q007493		22.4	2200	3.9	248	>10000	50.3			1.955	2.29	
Q007494		38.8	4680	2.7	>500	>10000	23.6			2.56	4.00	
Q007495		33.8	2500	3.0	244	>10000	52.7			1.395	3.02	
Q007496		22.8	716	0.7	76.3	419	28.3					
Q007497		19.4	2000	3.4	380	>10000	33.7			2.11	2.58	
Q007498		9.2	645	3.3	46.7	6170	97.0					
Q007499		2.8	41	0.5	7.8	485	8.3					
Q007500		0.9	31	0.2	5.8	191	10.0					
Q007508		4.6	347	0.8	19.4	993	53.7					
Q007509		7.6	686	1.1	27.8	2070	84.6					
Q007510		5.7	486	0.8	18.3	1880	59.3					
Q007511		11.0	802	1.5	11.6	581	11.1		1.885			359
Q007512		14.0	1160	2.3	15.6	653	18.7	108	2.84			265
Q007513		22.1	1920	1.9	11.7	509	15.5		4.32			125.5
Q007514		10.7	1610	3.6	154.0	7500	90.8					
Q007515		19.6	1740	3.5	20.6	985	29.1	122	4.43			146.5
Q007516		15.6	1180	2.6	18.4	379	40.7		1.675			
Q007517		19.8	1500	3.1	22.2	433	50.8		2.30			
Q007518		26.5	6160	5.8	37.9	3330	31.4	127	4.74			
Q007519		5.5	480	0.4	16.8	412	6.4					
Q007520		4.3	664	1.1	14.3	276	12.6					
Q007521		1.6	189	0.3	7.0	131	4.5					
Q007522		4.3	401	0.6	14.6	276	5.8					
Q007523		6.1	650	0.9	20.9	645	11.1					

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007524		0.67	<0.01	1.13	0.81	1465	110	0.73	0.06	0.16	85.2	6.45	1.0	46	0.82	61.4
Q007525		0.36	<0.01	4.95	1.33	2970	280	1.56	0.09	0.80	185.5	19.20	1.9	71	2.69	126.5
Q007526		0.53	0.03	11.35	4.26	6220	850	2.89	0.14	1.82	98.4	62.9	8.7	112	11.25	76.0
Q007527		0.80	0.03	7.04	4.17	4080	720	2.37	0.12	4.23	86.1	60.2	7.9	113	10.90	57.6
Q007528		0.52	0.03	34.3	5.57	4170	2200	5.38	0.15	1.17	170.5	92.0	4.4	126	9.07	120.5
Q007529		0.25	0.05	3.62	4.81	>10000	710	5.21	0.11	0.79	26.7	50.3	39.5	102	19.15	75.9
Q007530		0.85	0.08	4.94	4.52	>10000	520	4.08	0.17	0.64	19.30	69.1	32.0	88	30.7	49.1
Q007531		0.43	0.07	4.87	5.59	>10000	610	4.23	0.26	0.95	16.50	77.5	42.5	91	24.6	44.9
Q007532		0.46	0.08	4.16	4.54	>10000	500	4.32	0.17	0.58	19.10	71.6	31.1	90	31.2	48.0
Q007533		0.41	<0.01	0.52	4.65	384	510	1.32	0.14	11.40	3.20	48.5	8.0	51	8.46	20.5
Q007534		0.16	<0.01	1.00	4.37	1400	540	1.44	0.14	11.80	4.49	49.3	9.3	61	9.07	21.3
Q007535		0.14	0.77	99.2	2.07	2440	720	0.72	0.08	0.94	21.8	31.4	1.3	71	3.62	380
Q007536		0.12	0.40	>100	1.05	1630	270	0.41	0.04	0.51	15.80	13.35	0.8	40	1.99	166.0
Q007537		0.38	0.37	>100	0.75	3120	300	0.41	0.04	0.38	13.00	11.20	0.6	55	1.00	188.5
Q007538		0.31	0.71	>100	2.21	3070	950	0.84	0.08	0.59	26.0	35.8	1.8	92	3.05	321
Q007539		0.69	0.01	3.31	4.02	4510	630	4.87	0.12	2.15	49.6	71.4	11.2	114	15.55	87.3
Q007540		0.20	0.01	2.45	3.50	>10000	610	16.45	0.08	0.57	122.5	100.5	23.4	74	10.55	83.4
Q007541		0.21	0.01	2.33	3.32	6250	610	6.55	0.10	1.42	85.8	63.4	10.3	97	10.30	86.4
Q007542		0.69	0.01	3.09	3.95	3730	510	3.80	0.13	4.26	32.7	75.0	12.3	111	17.15	59.3
Q007543		0.57	<0.01	1.00	4.82	2620	760	2.35	0.20	5.22	14.05	64.5	15.1	71	8.81	22.8
Q007544		0.39	<0.01	0.75	5.79	315	1980	1.67	0.25	0.14	2.20	69.5	3.9	102	14.85	35.9
Q007545		0.02	0.01	0.81	5.88	691	2190	1.69	0.22	0.06	0.48	58.6	4.2	99	14.85	30.1
Q007546		0.21	<0.01	0.84	5.94	464	2020	1.76	0.26	0.04	0.45	62.2	4.4	99	16.05	32.1
Q007547		0.59	<0.01	0.66	5.85	233	1660	1.63	0.22	0.06	0.44	53.6	3.9	97	13.75	38.2
Q007548		0.06	<0.01	0.81	4.40	887	1380	1.14	0.18	0.03	0.62	86.6	30.5	91	8.75	238
Q007549		0.20	0.02	1.88	7.39	6840	490	3.26	0.16	1.25	19.05	70.9	24.0	133	29.4	56.1
Q007550		0.40	0.04	2.79	5.42	>10000	570	5.32	0.14	1.19	45.5	68.1	102.0	106	29.7	55.2
Q007551		0.57	0.05	2.90	4.77	8940	460	3.18	0.12	10.35	25.0	55.2	48.3	87	23.9	41.9
Q007552		0.34	0.06	4.01	6.50	>10000	540	4.13	0.15	1.43	31.5	64.5	48.6	122	34.5	53.5
Q007567		0.25	1.15	>100	2.87	>10000	660	3.29	0.09	0.72	29.8	24.7	1.4	168	1.59	700
Q007568		0.70	<0.01	2.28	2.71	397	1150	0.89	0.13	0.45	1.24	32.1	1.1	69	6.29	63.3
Q007569		0.83	0.02	7.71	2.84	700	1190	1.01	0.13	0.77	1.71	34.3	1.1	73	6.75	70.2
Q007570		0.24	0.01	9.53	3.73	1960	520	1.43	0.12	15.45	9.81	43.0	12.5	58	8.12	32.8
Q007571		0.38	<0.01	1.58	3.26	1000	720	1.25	0.11	11.10	4.85	39.1	6.6	63	7.61	48.4
Q007572		0.47	<0.01	1.20	4.00	1840	530	1.69	0.12	14.25	8.25	45.3	13.9	58	7.34	30.2
Q007573		0.90	<0.01	0.99	3.68	1380	570	1.44	0.11	16.00	8.18	40.6	13.1	54	6.54	36.9
Q007574		0.08	0.10	0.65	5.43	72.5	3620	1.78	0.23	0.33	5.50	79.4	14.6	82	27.4	72.8
Q007575		0.23	<0.01	0.57	6.18	29.0	2230	2.11	0.27	0.20	3.16	73.3	12.8	84	30.3	78.3
Q007576		0.46	<0.01	2.37	5.98	7800	1490	4.52	0.17	0.90	18.65	55.0	51.0	92	13.20	43.1
Q007577		0.47	<0.01	3.29	4.14	>10000	990	6.99	0.13	0.72	39.4	50.2	43.0	66	12.25	33.8

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q007524		2.78	2.05	0.05	0.2	0.35	0.030	0.11	8.1	6.6	0.03	55	27.7	0.01	0.7	52.4
Q007525		5.04	3.85	0.11	0.6	1.59	0.057	0.33	23.7	7.7	0.09	80	111.0	0.01	2.1	108.5
Q007526		8.66	9.91	0.18	1.6	6.21	0.044	1.46	57.2	16.8	0.35	135	103.0	0.03	6.5	624
Q007527		5.85	9.67	0.15	1.6	4.04	0.042	1.45	52.7	17.3	0.37	119	67.3	0.03	6.3	477
Q007528		7.74	9.62	0.23	1.8	26.3	0.041	1.28	91.2	19.1	0.27	62	116.0	0.03	6.7	365
Q007529		26.1	10.50	0.27	1.5	1.62	0.039	1.68	40.2	11.5	0.31	289	126.0	0.03	5.3	2860
Q007530		22.2	12.90	0.15	1.9	1.93	0.040	1.71	54.9	13.1	0.35	148	160.5	0.03	7.2	2730
Q007531		19.40	14.95	0.17	2.3	1.68	0.059	2.47	57.8	17.6	0.51	332	140.5	0.04	8.2	2350
Q007532		23.2	13.40	0.19	1.9	1.76	0.041	1.75	56.1	13.9	0.34	138	173.0	0.03	7.4	2810
Q007533		2.40	12.50	0.10	1.9	0.11	0.034	2.16	28.6	18.1	1.64	249	5.24	0.09	8.3	60.7
Q007534		3.91	11.00	0.12	1.8	0.33	0.038	2.05	32.8	16.7	1.92	207	14.55	0.10	7.4	243
Q007535		1.82	7.19	0.16	0.7	>100	0.034	0.59	30.0	22.2	0.15	84	81.9	0.01	2.7	59.8
Q007536		1.11	5.64	0.11	0.3	>100	0.025	0.33	12.3	26.4	0.10	43	50.7	0.01	1.1	35.1
Q007537		1.72	5.40	0.12	0.2	>100	0.042	0.20	13.0	23.7	0.06	69	78.3	0.01	0.8	19.7
Q007538		1.57	9.63	0.15	0.8	>100	0.167	0.59	38.2	21.9	0.15	65	125.0	0.02	2.9	71.9
Q007539		6.74	9.79	0.22	1.6	1.83	0.039	1.60	58.3	17.6	0.43	124	27.5	0.06	6.5	577
Q007540		22.0	7.94	0.33	1.0	2.44	0.025	1.04	76.6	10.7	0.22	137	61.5	0.03	3.8	2080
Q007541		8.88	7.89	0.29	1.2	0.93	0.029	1.29	49.2	14.2	0.28	113	35.1	0.04	4.9	662
Q007542		5.79	10.50	0.16	1.7	0.68	0.037	1.82	56.8	17.0	0.69	139	20.2	0.07	7.4	606
Q007543		5.84	11.90	0.14	1.8	0.61	0.046	1.33	39.9	23.4	0.84	571	8.81	0.50	9.2	354
Q007544		2.16	17.50	0.14	3.5	0.36	0.038	2.17	37.7	19.2	0.40	88	9.20	0.05	23.1	32.3
Q007545		2.64	16.55	0.16	3.0	0.36	0.047	2.05	34.1	19.2	0.41	33	14.10	0.05	20.0	45.5
Q007546		2.58	16.90	0.17	3.1	0.33	0.048	2.08	36.7	20.1	0.41	30	14.80	0.05	20.5	46.3
Q007547		1.67	16.75	0.17	3.1	0.28	0.039	2.04	31.4	19.3	0.41	28	7.86	0.05	19.6	29.7
Q007548		16.80	11.45	0.24	2.2	0.64	0.091	1.22	50.5	14.9	0.25	155	16.30	0.03	12.9	243
Q007549		10.10	20.5	0.39	2.4	0.74	0.077	3.23	61.8	31.2	0.70	150	61.4	0.05	11.8	1075
Q007550		19.75	16.50	0.69	1.8	1.81	0.058	2.30	57.6	19.5	0.48	839	43.6	0.03	8.5	1900
Q007551		12.10	14.20	0.41	1.6	1.31	0.047	2.05	46.5	19.4	0.76	399	44.2	0.04	8.2	1210
Q007552		14.45	19.85	0.50	2.0	2.13	0.065	2.92	53.0	27.0	0.59	385	35.2	0.04	9.5	1370
Q007567		6.35	15.15	0.51	0.4	27.0	0.265	0.28	27.6	8.2	0.05	33	508	0.01	1.1	68.4
Q007568		1.06	9.10	0.11	1.4	2.98	0.035	0.93	22.8	13.3	0.20	48	43.2	0.03	6.5	29.4
Q007569		1.12	9.57	0.13	1.4	6.70	0.039	0.96	24.9	13.9	0.27	55	44.7	0.03	6.5	29.1
Q007570		3.47	10.85	0.18	1.6	1.80	0.039	1.66	29.3	15.4	1.92	248	60.3	0.06	8.9	209
Q007571		2.59	9.97	0.16	1.5	2.50	0.035	1.27	29.1	15.4	0.75	170	38.9	0.06	8.0	154.0
Q007572		4.70	11.35	0.21	1.6	1.10	0.040	1.65	29.7	20.7	1.31	273	31.7	0.10	10.1	315
Q007573		3.88	10.45	0.17	1.5	1.17	0.035	1.54	26.7	17.9	1.48	278	22.6	0.08	9.6	244
Q007574		5.36	15.35	0.15	3.2	0.35	0.041	2.15	42.5	21.7	0.46	318	13.45	0.02	21.4	96.7
Q007575		3.40	17.80	0.14	3.4	0.27	0.054	2.50	38.6	22.9	0.51	246	8.49	0.04	22.5	75.5
Q007576		18.40	16.90	0.66	2.1	1.43	0.061	2.58	40.4	18.0	0.51	303	163.5	0.04	8.3	1835
Q007577		31.6	12.30	1.33	1.4	1.56	0.049	1.63	42.9	13.2	0.34	285	256	0.03	5.6	2850

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CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007524		730	15.7	6.1	0.006	0.03	10.15	3.4	1	0.3	58.7	<0.05	<0.05	0.7	0.019	3.31
Q007525		1160	668	16.0	0.006	0.06	23.0	5.8	3	0.6	108.5	0.13	0.08	1.7	0.062	6.04
Q007526		1590	2350	69.5	0.003	0.07	40.9	8.6	7	1.2	198.0	0.44	0.11	5.7	0.202	6.13
Q007527		1350	1170	68.7	0.002	0.05	21.9	7.7	5	1.2	182.5	0.43	0.08	5.6	0.194	5.50
Q007528		3210	4050	57.9	0.014	0.21	75.7	13.2	17	1.2	461	0.46	0.14	6.9	0.203	22.0
Q007529		1790	1520	72.9	0.002	0.01	110.5	9.2	8	1.2	167.5	0.37	0.06	5.3	0.167	8.97
Q007530		1410	730	88.3	<0.002	0.01	67.8	12.3	3	1.6	100.5	0.50	0.09	6.8	0.198	12.25
Q007531		1430	476	113.5	0.002	0.01	53.2	12.0	3	1.9	129.0	0.59	0.10	9.3	0.269	13.50
Q007532		1310	672	89.7	0.002	0.01	66.0	13.3	3	1.6	91.3	0.50	0.10	7.0	0.198	12.55
Q007533		860	18.0	94.5	<0.002	0.03	3.98	7.7	2	1.7	242	0.57	<0.05	6.7	0.265	2.80
Q007534		970	54.3	91.6	0.002	0.02	7.86	8.3	3	1.4	246	0.52	0.05	6.8	0.245	3.52
Q007535		2030	>10000	26.2	0.007	0.36	109.5	3.3	16	0.9	200	0.19	0.09	2.9	0.081	21.6
Q007536		1150	>10000	13.2	0.006	0.25	95.3	1.7	12	0.6	76.3	0.08	<0.05	1.3	0.035	17.15
Q007537		1550	>10000	7.7	0.014	0.36	260	1.4	17	0.7	97.8	0.05	0.08	1.1	0.024	23.8
Q007538		2700	>10000	25.6	0.012	0.33	328	3.4	22	0.8	301	0.21	0.10	3.0	0.090	22.8
Q007539		1010	193.0	77.3	<0.002	0.04	34.8	9.8	17	1.2	102.0	0.46	0.12	5.7	0.195	5.87
Q007540		1270	241	50.0	0.004	0.02	112.0	19.6	15	0.8	82.0	0.28	0.10	3.6	0.121	5.34
Q007541		670	55.6	61.2	0.004	0.05	38.1	7.8	50	1.0	58.6	0.33	0.10	4.4	0.160	4.18
Q007542		980	62.2	86.1	0.002	0.03	17.80	7.7	7	1.3	107.0	0.51	0.14	6.1	0.226	7.30
Q007543		1700	122.0	75.5	0.002	0.07	10.95	10.3	3	1.3	144.0	0.64	<0.05	7.1	0.291	3.29
Q007544		1000	29.5	106.0	0.003	0.33	5.30	9.2	3	2.1	144.5	1.38	0.08	9.5	0.416	3.14
Q007545		1300	22.7	98.9	0.008	0.28	7.14	9.0	6	1.9	140.5	1.30	0.11	9.1	0.385	3.78
Q007546		1250	24.7	102.0	0.014	0.29	7.53	9.4	6	1.9	147.5	1.42	0.11	9.7	0.390	3.89
Q007547		1100	16.8	99.9	0.011	0.44	5.04	9.4	5	1.8	103.5	1.33	0.14	9.6	0.380	2.67
Q007548		2440	21.6	59.8	0.014	1.15	11.50	14.7	30	1.8	221	0.82	0.10	9.6	0.256	2.29
Q007549		2540	78.2	147.0	<0.002	0.02	25.2	9.5	7	2.4	73.7	0.76	0.12	10.1	0.340	12.45
Q007550		1770	482	105.5	0.002	0.01	62.6	14.0	4	1.7	85.6	0.53	0.10	7.6	0.231	13.45
Q007551		1770	260	94.9	0.002	0.02	32.2	9.4	4	1.5	138.5	0.50	0.08	6.7	0.225	10.05
Q007552		2300	254	130.0	<0.002	0.02	35.4	11.7	4	2.0	83.4	0.61	0.10	8.4	0.276	13.80
Q007567		>10000	>10000	10.6	0.083	1.54	1895	11.0	92	1.1	333	0.07	0.48	2.4	0.027	89.8
Q007568		520	324	49.3	0.003	0.18	20.7	5.1	10	1.0	174.0	0.41	0.18	4.4	0.169	10.00
Q007569		740	2300	51.0	0.004	0.19	44.2	5.4	10	1.1	183.5	0.43	0.18	4.7	0.171	11.45
Q007570		730	3920	70.8	0.002	0.04	18.20	7.3	5	1.3	255	0.54	0.05	6.2	0.229	5.75
Q007571		720	264	60.6	0.003	0.09	18.70	6.3	6	1.2	254	0.50	0.11	4.8	0.196	9.83
Q007572		1000	278	70.9	0.002	0.03	9.82	8.1	4	1.3	274	0.61	<0.05	6.3	0.244	4.53
Q007573		890	149.0	65.2	<0.002	0.02	7.97	7.5	3	1.2	283	0.58	<0.05	5.7	0.229	4.27
Q007574		1330	42.9	109.5	0.004	0.11	7.79	11.7	9	1.8	77.0	1.23	0.08	9.1	0.363	1.57
Q007575		1120	41.1	126.5	0.005	0.08	5.59	12.1	4	2.0	70.5	1.32	0.08	10.6	0.396	1.64
Q007576		1730	539	101.5	0.002	0.02	45.8	12.7	13	1.8	253	0.54	0.08	9.3	0.267	11.20
Q007577		2600	1075	68.1	0.002	0.02	91.9	20.1	13	1.3	158.0	0.35	0.07	6.0	0.167	11.40

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q007524		4.2	586	0.5	17.8	263	9.9					
Q007525		7.7	1050	1.5	35.1	659	25.6					
Q007526		9.5	1660	3.2	79.5	3850	69.6					
Q007527		8.1	1560	2.1	75.0	3030	62.7					
Q007528		19.3	3790	7.5	150.5	3080	77.7					
Q007529		10.5	870	4.3	167.0	>10000	57.8			1.885	1.955	
Q007530		7.0	796	4.0	131.5	>10000	74.1			1.225	1.310	
Q007531		8.7	816	3.8	117.0	>10000	81.5			1.225	1.060	
Q007532		6.7	800	4.1	133.0	>10000	75.2			1.185	1.270	
Q007533		4.1	291	0.9	21.7	593	66.4					
Q007534		4.5	315	1.1	30.3	1640	62.1					
Q007535		15.5	1190	2.7	33.0	764	29.7		2.48			282
Q007536		8.3	704	1.3	14.6	853	11.9	107	1.525			443
Q007537		10.0	863	1.6	11.2	629	9.5	124	2.23			446
Q007538		23.2	1360	2.9	29.6	797	32.0	114	2.92			281
Q007539		8.3	1830	2.1	130.0	4480	62.6					
Q007540		9.8	3380	7.9	402	>10000	45.4			1.710	1.685	
Q007541		6.5	2020	1.7	171.0	6120	49.0					
Q007542		7.4	1560	1.1	123.5	4140	64.7					
Q007543		4.8	397	1.4	61.9	2610	72.3					
Q007544		4.7	583	3.7	24.7	187	141.0					
Q007545		3.9	580	3.3	20.1	236	116.0					
Q007546		4.3	584	3.7	21.1	237	119.5					
Q007547		4.0	576	3.6	17.1	123	115.5					
Q007548		4.4	623	2.6	31.1	1140	143.0					
Q007549		12.1	1220	1.6	81.4	7890	89.5					
Q007550		8.7	2050	3.9	167.0	>10000	71.3			1.575	1.800	
Q007551		7.4	986	2.2	81.6	8940	64.6					
Q007552		9.7	1380	2.4	101.0	>10000	77.4			1.180	1.240	
Q007567		47.4	5980	5.0	42.4	2120	18.1	434	15.30		2.58	
Q007568		5.7	944	2.1	12.4	94	54.4					
Q007569		6.5	987	2.2	12.7	113	54.5					
Q007570		5.7	375	1.9	27.1	2040	59.4					
Q007571		4.8	655	1.7	24.4	1160	56.0					
Q007572		4.4	322	1.3	34.4	2380	62.0					
Q007573		4.4	286	1.4	31.6	2170	59.6					
Q007574		4.1	344	1.3	33.5	499	121.5					
Q007575		4.5	374	1.4	30.2	447	127.5					
Q007576		8.7	1080	4.5	132.0	>10000	77.6			1.250		
Q007577		8.2	1460	15.2	169.0	>10000	56.5			1.535	1.475	

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q007578		0.15	<0.01	3.49	4.99	1190	1760	1.46	0.20	15.15	10.30	60.8	22.4	98	7.99	54.1
Q007579		0.29	<0.01	0.14	0.19	504	70	0.26	0.01	32.8	11.45	3.66	15.0	4	0.42	4.2
Q007580		0.32	<0.01	6.58	1.40	>10000	380	7.18	0.04	1.02	47.0	23.6	42.5	22	3.31	17.4
Q007581		0.39	<0.01	4.58	3.69	9410	800	4.60	0.11	11.05	37.8	41.3	22.6	57	8.57	29.1
Q007582		0.17	<0.01	0.14	0.36	224	80	0.19	0.01	33.1	7.40	5.23	4.2	<1	0.87	4.6
Q007583		0.46	0.01	0.13	0.19	246	50	0.16	<0.01	33.9	11.25	2.99	15.0	<1	0.34	4.5
Q007501		0.26	<0.01	0.45	3.68	657	450	1.11	0.11	21.2	4.26	38.0	9.2	32	5.11	18.3
Q007502		0.48	<0.01	0.42	5.50	2790	500	1.47	0.16	8.85	5.07	48.0	6.2	53	9.23	20.3
Q007503		0.14	0.01	1.29	6.37	6850	560	1.79	0.22	5.16	12.90	51.4	15.3	67	9.91	23.2
Q007504		0.27	<0.01	0.32	5.46	2270	490	1.37	0.16	9.74	4.60	47.2	5.7	51	10.40	18.8
Q007505		0.07	0.01	0.79	6.16	4280	530	1.52	0.19	7.50	7.34	46.0	6.8	60	8.97	23.0
Q007506		0.32	<0.01	0.42	5.13	1980	460	1.37	0.16	10.20	5.47	49.8	6.4	49	10.85	19.7
Q007507		0.35	0.02	0.99	4.87	4420	680	1.49	0.15	11.00	9.83	48.7	9.8	60	11.15	22.3

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007578		4.38	13.40	0.23	2.0	1.36	0.052	1.87	49.1	18.4	1.14	195	56.5	0.04	9.8	357
Q007579		2.03	0.68	0.10	0.1	0.25	<0.005	0.07	4.0	1.1	0.78	287	13.05	0.01	0.7	214
Q007580		43.7	3.97	1.64	0.5	1.62	0.026	0.55	22.9	4.5	0.14	265	432	0.01	2.2	3730
Q007581		16.35	10.50	0.46	1.3	1.27	0.042	1.47	32.6	14.1	0.60	229	121.0	0.04	6.7	1090
Q007582		0.65	1.03	<0.05	0.1	0.14	<0.005	0.15	5.1	1.6	0.23	137	4.61	0.01	0.5	62.4
Q007583		0.79	0.56	<0.05	0.1	0.10	<0.005	0.08	2.7	1.0	0.16	282	2.95	0.01	0.3	115.0
Q007501		1.84	10.05	0.10	1.6	0.26	0.028	1.78	24.1	12.4	0.52	240	5.52	0.05	7.1	70.2
Q007502		2.73	14.85	0.13	2.1	0.21	0.039	2.83	27.3	16.7	0.49	130	5.46	0.04	9.1	140.0
Q007503		5.46	17.95	0.12	2.5	0.39	0.051	3.18	29.1	16.0	0.49	245	5.01	0.05	11.3	370
Q007504		2.51	14.25	0.11	2.3	0.14	0.042	2.88	27.1	16.9	0.80	124	5.61	0.05	9.0	127.5
Q007505		3.68	16.35	0.12	2.4	0.29	0.042	3.16	26.8	13.7	0.50	157	3.73	0.04	10.7	206
Q007506		2.90	14.40	0.11	2.0	0.14	0.036	2.62	28.9	17.1	0.81	151	8.35	0.05	9.0	161.0
Q007507		4.22	14.25	0.20	1.9	0.30	0.053	2.39	33.2	16.7	0.54	238	6.52	0.05	9.1	233

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q007578		1490	483	78.7	0.002	0.05	17.90	7.5	6	1.5	350	0.60	0.13	7.9	0.281	5.95
Q007579		290	72.9	3.2	<0.002	0.01	2.52	0.7	3	<0.2	163.0	<0.05	<0.05	0.3	0.009	0.53
Q007580		2220	1090	21.7	0.002	0.01	118.5	8.3	6	0.3	52.1	0.12	0.05	1.9	0.048	4.39
Q007581		1360	787	64.2	0.002	0.01	47.5	9.7	7	1.1	185.5	0.40	0.05	5.7	0.191	6.76
Q007582		250	28.1	6.6	<0.002	<0.01	1.52	1.0	1	<0.2	145.0	<0.05	<0.05	0.5	0.016	0.69
Q007583		240	20.7	3.3	<0.002	<0.01	1.49	1.3	2	<0.2	116.5	<0.05	<0.05	0.3	0.009	0.40
Q007501		530	19.6	76.6	<0.002	0.02	3.22	6.6	3	1.4	754	0.49	<0.05	5.7	0.214	3.22
Q007502		270	13.9	107.5	<0.002	0.01	4.53	9.1	3	1.9	353	0.64	<0.05	8.3	0.304	3.73
Q007503		340	25.9	125.0	<0.002	0.01	13.25	10.5	2	2.2	223	0.79	<0.05	9.7	0.348	5.10
Q007504		270	13.2	110.0	<0.002	0.01	3.82	8.9	3	1.8	375	0.62	<0.05	7.8	0.298	3.49
Q007505		320	19.5	117.0	<0.002	0.01	6.06	9.6	1	2.1	308	0.72	<0.05	8.7	0.339	4.09
Q007506		280	20.8	109.5	<0.002	0.02	4.85	9.2	2	1.8	342	0.62	<0.05	7.7	0.276	4.37
Q007507		490	63.7	97.1	<0.002	0.02	10.10	9.1	2	1.7	422	0.57	<0.05	7.2	0.267	4.99

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125273

Sample Description	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q007578	10.0	892	3.5	36.7	3230	78.9					
Q007579	2.1	70	0.3	9.8	6380	3.9					
Q007580	5.6	553	5.3	174.5	>10000	17.1			1.665	2.11	
Q007581	6.9	756	3.8	96.8	8140	55.0					
Q007582	3.3	58	0.3	9.4	624	6.0					
Q007583	2.8	67	0.2	10.3	3570	4.1					
Q007501	3.7	182	0.8	17.9	949	55.8					
Q007502	4.0	327	1.0	19.1	2000	72.0					
Q007503	5.1	330	1.7	20.2	3360	86.1					
Q007504	3.9	321	1.0	18.6	1960	69.6					
Q007505	4.4	290	1.3	19.6	2210	82.3					
Q007506	4.1	286	1.0	20.3	2290	72.8					
Q007507	4.8	337	1.3	22.5	2360	68.6					

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Project: NADALEEN

Finalized Date: 7-AUG-2013
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CERTIFICATE OF ANALYSIS WH13125273

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
Applies to Method: ME-MS61

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41 Hg-CV42

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method:

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method:

Ag-OG62	As-OG62	Au-AA26	Hg-CV41
Hg-CV42	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

ALS Minerals
ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

CERTIFICATE WH13135032

Project: Nadaleen
P.O. No.: ANEX - 2
This report is for 56 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135032

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q007692	0.49	0.01	2.77	3.82	88.4	4830	1.33	0.18	4.17	8.45	44.3	7.1	170	7.71	59.8
Q007693	0.12	<0.01	1.54	3.57	73.9	4730	1.24	0.15	2.96	2.37	37.9	4.1	146	8.11	51.8
Q007694	0.40	<0.01	3.19	3.64	84.6	5200	1.25	0.15	4.55	10.10	39.8	5.6	193	8.12	55.6
Q007695	0.67	<0.01	0.24	0.46	24	6090	0.18	0.03	23.5	1.02	7.16	1.7	21	0.67	11.3
Q007696	0.05	<0.01	3.38	3.39	359	1940	1.05	0.14	1.07	0.81	52.8	0.7	207	7.25	41.4
Q007697	0.14	<0.01	1.23	3.68	174.5	1450	2.10	0.13	0.78	3.35	34.9	13.3	189	11.05	166.5
Q007698	0.29	<0.01	1.03	3.92	108.0	3350	1.39	0.14	4.89	0.93	35.6	4.7	185	9.50	78.8
Q007699	0.19	<0.01	1.68	4.95	264	1120	1.28	0.19	0.80	0.43	46.9	2.0	218	18.65	42.7
Q007700	0.16	0.01	2.67	3.94	109.5	1190	1.28	0.17	0.48	0.53	50.0	0.9	205	9.49	37.8
Q007701	0.10	<0.01	1.32	4.01	125.0	4300	1.43	0.16	1.92	4.82	47.9	7.3	164	7.58	78.5
Q007702	0.64	0.14	3.35	4.54	216	2820	1.27	0.17	0.37	1.28	43.2	1.8	207	8.59	71.1
Q007703	0.19	0.02	3.93	4.19	146.5	4080	1.31	0.16	0.43	0.65	39.3	2.3	276	7.81	111.0
Q007704	0.46	0.05	1.83	4.07	1050	2550	1.58	0.14	0.40	1.98	34.5	3.3	171	5.01	104.0
Q007705	0.18	0.13	1.42	4.90	153.5	2460	1.52	0.20	0.77	0.76	54.1	6.8	144	10.00	41.9
Q007706	0.61	0.02	1.36	4.52	288	5100	1.51	0.17	0.45	2.93	49.5	7.7	154	9.48	96.2
Q007707	0.26	0.01	0.32	6.59	115.5	1250	1.79	0.18	0.24	1.27	71.3	8.8	102	3.91	40.8
Q007708	0.40	0.01	2.26	4.86	29.4	4780	1.28	0.22	0.39	0.96	52.6	0.7	227	13.70	52.5
Q007709	0.49	0.01	1.95	4.58	25.0	6470	1.13	0.18	0.38	1.34	49.7	0.8	218	13.00	33.7
Q007710	0.29	0.01	1.94	4.78	26.3	3970	1.22	0.24	0.37	0.75	51.2	0.5	196	13.70	31.3
Q007711	0.20	0.03	1.93	3.16	511	2770	1.23	0.12	0.85	3.44	30.5	7.3	160	6.50	49.9
Q007712	0.09	0.06	1.15	2.17	677	3540	1.54	0.08	0.67	6.22	20.6	11.1	88	4.07	99.8
Q007713	0.31	0.02	3.25	3.46	396	3540	1.50	0.15	0.75	2.38	32.1	8.0	170	6.76	66.4
Q007714	0.07	<0.01	0.34	1.05	30	9000	0.42	0.04	19.60	3.64	22.0	8.6	104	3.55	23.9
Q007715	0.12	<0.01	0.49	1.50	36	5460	0.64	0.06	19.30	3.24	26.8	7.1	125	5.92	40.7
Q007716	0.21	<0.01	0.52	1.79	30	9240	0.74	0.06	18.95	2.82	28.7	6.2	127	7.27	37.7
Q007717	0.22	<0.01	0.42	1.24	27	8920	0.55	0.05	20.2	3.27	22.7	8.1	105	4.34	44.2
Q007718	0.14	<0.01	1.00	3.69	113.5	5460	1.73	0.13	8.07	5.48	36.7	16.0	134	13.60	94.4
Q007719	0.10	0.01	0.88	3.39	47	7450	1.20	0.12	11.40	2.83	36.5	7.4	121	10.80	52.8
Q007720	0.15	0.01	1.01	3.37	53.9	5810	1.25	0.12	9.86	3.29	36.4	8.9	138	13.80	70.5
Q007721	0.31	<0.01	1.71	5.16	49.2	3290	1.81	0.18	1.09	2.33	51.6	6.4	231	27.6	112.0
Q007722	0.27	<0.01	0.45	1.15	55	8790	0.93	0.04	22.2	4.76	14.75	4.8	44	2.12	49.6
Q007723	0.08	<0.01	0.33	1.06	23	7900	0.47	0.04	21.3	4.04	25.3	8.9	105	3.70	34.2
Q007724	0.32	<0.01	0.47	1.64	33	7770	0.70	0.06	18.15	4.19	29.2	9.3	120	6.37	37.0
Q007725	0.25	0.01	0.98	4.25	255	7010	2.10	0.13	0.68	5.83	48.6	11.4	237	14.70	99.5
Q007726	0.29	0.01	0.98	2.79	806	3850	2.20	0.09	0.63	4.16	30.1	26.2	163	5.85	109.0
Q007727	0.35	<0.01	0.61	4.45	507	4900	2.49	0.15	0.54	3.21	41.5	22.9	153	13.40	168.5
Q007728	0.16	<0.01	0.61	4.62	418	4650	2.32	0.16	0.44	2.78	41.7	16.0	157	16.55	200
Q007729	0.27	<0.01	1.33	4.00	140.0	7850	1.72	0.18	0.45	3.12	44.0	24.1	160	13.10	93.3
Q007730	0.48	0.01	1.09	4.50	121.0	5310	1.38	0.20	0.46	0.80	48.8	3.3	151	12.65	54.6
Q007731	0.77	<0.01	1.16	2.37	115.5	2660	0.65	0.15	0.11	0.36	22.8	3.1	90	6.42	23.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135032

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q007692		2.76	9.96	0.16	1.9	0.48	0.039	1.20	34.4	17.1	0.49	214	10.15	0.07	7.6	109.5
Q007693		2.44	9.97	0.15	1.8	0.41	0.038	1.17	29.1	15.3	0.42	113	9.95	0.06	6.5	59.4
Q007694		2.57	9.08	0.15	1.8	0.33	0.041	1.14	31.8	16.7	0.36	164	12.50	0.05	6.6	100.0
Q007695		0.53	1.04	0.09	0.5	0.35	0.008	0.14	7.8	3.2	0.12	144	1.42	<0.01	1.0	21.9
Q007696		6.69	9.69	0.28	2.0	0.89	0.108	1.19	52.0	9.0	0.19	32	132.0	0.04	5.2	31.8
Q007697		6.37	8.60	0.18	1.7	0.27	0.050	1.14	27.9	18.6	0.21	202	22.4	0.03	4.9	215
Q007698		3.08	9.18	0.15	1.8	0.21	0.050	1.32	29.5	13.5	0.25	93	13.35	0.02	5.7	101.0
Q007699		5.20	14.00	0.17	2.6	0.38	0.066	1.82	38.4	13.9	0.32	18	53.5	0.05	7.9	47.9
Q007700		2.81	12.25	0.17	2.5	0.58	0.033	1.45	48.8	17.7	0.25	23	92.7	0.04	6.9	20.6
Q007701		3.92	10.95	0.16	1.9	0.39	0.053	1.36	32.1	20.0	0.71	292	7.28	0.11	6.8	82.9
Q007702		1.94	11.60	0.16	2.0	2.89	0.041	1.51	31.8	37.4	0.17	52	6.44	0.03	8.7	23.5
Q007703		1.78	10.25	0.14	1.8	2.25	0.056	1.47	29.5	38.7	0.18	65	4.78	0.02	7.5	27.3
Q007704		4.83	9.66	0.15	1.6	3.09	0.059	1.22	27.9	38.3	0.12	63	5.89	0.02	5.9	40.1
Q007705		3.00	12.05	0.16	2.1	4.20	0.047	1.43	34.9	25.5	0.40	206	4.38	0.28	9.3	51.3
Q007706		3.66	11.45	0.18	2.3	0.92	0.046	1.51	34.2	20.1	0.28	281	6.74	0.10	10.1	106.5
Q007707		3.63	17.15	0.16	3.3	0.44	0.052	2.26	33.8	72.4	2.71	427	1.42	1.08	13.5	79.7
Q007708		0.41	12.90	0.17	2.3	4.70	0.019	1.65	45.1	15.3	0.27	41	1.44	0.03	9.9	14.9
Q007709		0.41	12.10	0.16	2.1	3.50	0.020	1.54	44.4	16.1	0.26	134	1.31	0.02	8.2	18.2
Q007710		0.42	12.15	0.17	2.5	3.57	0.020	1.59	42.8	15.3	0.26	25	2.22	0.03	9.5	13.5
Q007711		3.98	7.52	0.15	1.5	1.85	0.027	0.86	26.2	18.8	0.15	346	8.66	0.01	5.1	120.5
Q007712		6.70	5.13	0.12	1.2	1.30	0.028	0.61	15.9	14.2	0.11	401	8.21	0.01	3.4	173.0
Q007713		4.23	8.55	0.15	1.9	0.86	0.041	0.96	27.3	16.1	0.16	327	9.66	0.01	5.4	149.5
Q007714		2.58	2.71	0.16	0.9	0.12	0.011	0.36	14.9	11.1	0.22	253	2.99	<0.01	2.2	98.4
Q007715		3.09	3.67	0.18	1.1	0.16	0.015	0.47	18.0	10.8	0.26	198	3.89	0.01	2.7	111.0
Q007716		2.71	4.29	0.16	1.2	0.14	0.019	0.59	20.5	11.1	0.28	182	3.93	<0.01	3.3	90.8
Q007717		2.93	2.82	0.15	1.0	0.12	0.013	0.38	15.4	10.8	0.24	226	3.51	<0.01	2.1	117.5
Q007718		5.03	8.15	0.16	1.8	0.31	0.035	1.10	27.9	14.9	0.29	309	7.43	0.02	6.4	197.0
Q007719		3.01	8.04	0.13	1.7	0.23	0.032	1.10	25.2	14.1	0.31	207	6.53	0.02	6.7	110.5
Q007720		3.55	7.76	0.15	1.6	0.28	0.033	1.12	28.0	15.2	0.31	224	6.81	0.02	6.2	130.0
Q007721		3.34	12.90	0.21	2.2	0.27	0.050	1.73	42.2	18.1	0.31	95	9.77	0.04	10.2	157.5
Q007722		3.28	2.36	0.10	1.4	0.15	0.015	0.26	10.4	11.3	0.31	203	3.36	<0.01	1.9	66.1
Q007723		2.44	2.60	0.17	1.0	0.10	0.011	0.34	16.8	10.4	0.25	265	2.70	<0.01	2.2	112.0
Q007724		2.67	3.98	0.19	1.2	0.12	0.016	0.54	20.2	11.2	0.25	275	3.62	<0.01	3.3	125.0
Q007725		7.24	9.67	0.25	2.1	0.31	0.040	1.18	38.2	15.7	0.21	270	6.74	0.02	5.9	203
Q007726		9.36	5.97	0.18	1.7	0.45	0.041	0.68	25.8	18.0	0.15	1120	6.68	0.01	3.6	472
Q007727		6.01	10.45	0.18	1.9	0.18	0.052	1.32	32.9	13.9	0.21	342	7.32	0.03	6.4	289
Q007728		5.59	10.70	0.18	1.9	0.24	0.055	1.39	33.2	14.8	0.23	242	7.35	0.03	6.9	218
Q007729		6.45	10.15	0.27	1.9	0.18	0.045	1.15	35.1	16.6	0.19	439	5.47	0.01	6.5	266
Q007730		1.71	13.05	0.16	2.1	0.36	0.042	1.45	37.8	17.9	0.24	65	4.28	0.03	9.2	57.5
Q007731		1.91	7.02	0.12	1.1	0.24	0.035	0.86	15.1	35.5	0.10	23	7.10	0.01	3.8	50.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135032

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q007692		1690	11.1	67.0	0.005	0.21	2.99	9.9	10	1.0	447	0.50	0.10	5.8	0.242	0.95
Q007693		1350	10.4	67.6	0.005	0.26	1.77	9.5	6	1.0	380	0.44	0.11	5.3	0.226	0.93
Q007694		1840	10.2	65.4	0.005	0.22	3.51	8.6	12	1.0	521	0.45	0.10	5.4	0.214	0.95
Q007695		310	1.8	6.8	0.003	0.15	0.37	4.2	1	0.2	1570	0.07	<0.05	0.8	0.029	0.09
Q007696		>10000	16.5	66.1	0.014	0.49	4.17	65.1	15	1.5	424	0.36	0.17	9.7	0.193	2.43
Q007697		2160	10.5	65.9	0.007	0.42	2.59	24.9	12	0.9	368	0.34	0.11	5.3	0.181	0.72
Q007698		1500	9.2	70.6	0.007	0.32	1.89	11.8	10	1.0	580	0.39	0.11	5.0	0.226	0.63
Q007699		7250	13.4	110.5	0.004	0.59	2.56	15.5	6	1.7	451	0.53	0.14	6.4	0.283	1.33
Q007700		2490	16.4	88.4	0.005	0.41	2.82	12.0	5	1.5	315	0.47	0.14	5.1	0.254	2.61
Q007701		1590	13.1	70.0	0.004	0.28	1.78	12.5	6	1.2	306	0.48	0.15	6.2	0.255	0.86
Q007702		1350	11.6	85.3	0.002	0.35	1.85	9.6	6	1.3	259	0.56	0.25	6.4	0.266	10.20
Q007703		1330	10.1	80.0	<0.002	0.35	1.77	16.6	6	1.1	221	0.52	0.17	5.5	0.257	9.37
Q007704		2680	9.6	64.4	0.003	0.33	3.05	10.3	7	1.1	258	0.40	0.24	5.0	0.214	6.90
Q007705		1960	13.6	86.6	<0.002	0.14	1.77	11.2	4	1.5	174.0	0.64	0.14	8.4	0.291	4.72
Q007706		1700	15.2	81.3	0.004	0.25	2.82	11.6	8	1.2	249	0.62	0.13	6.7	0.287	2.62
Q007707		1010	29.4	109.5	<0.002	0.05	0.90	10.4	2	2.2	65.5	0.97	0.05	14.8	0.350	1.34
Q007708		210	13.5	95.0	<0.002	0.12	1.13	6.2	2	1.4	91.2	0.58	0.07	8.0	0.307	7.79
Q007709		210	11.3	86.2	<0.002	0.17	1.03	5.6	2	1.3	98.5	0.56	0.06	7.1	0.286	8.50
Q007710		200	16.6	91.2	<0.002	0.11	1.08	5.7	2	1.5	93.6	0.58	0.06	7.8	0.306	11.80
Q007711		3340	8.3	48.5	0.004	0.18	2.98	4.9	12	0.8	239	0.35	0.17	4.4	0.164	13.90
Q007712		3570	7.8	32.2	0.004	0.18	3.02	8.2	6	0.6	206	0.24	0.09	2.8	0.097	7.19
Q007713		3010	10.8	56.1	0.005	0.19	3.25	8.6	10	0.9	243	0.36	0.12	4.4	0.177	12.35
Q007714		580	3.5	19.6	0.005	0.25	1.68	17.8	5	0.3	1340	0.15	<0.05	2.4	0.054	0.32
Q007715		930	4.6	27.9	0.006	0.20	2.23	21.7	7	0.5	1415	0.18	<0.05	2.8	0.074	0.32
Q007716		960	5.0	32.9	0.005	0.29	1.87	19.8	5	0.5	1470	0.23	<0.05	2.9	0.096	0.28
Q007717		780	3.8	20.9	0.006	0.27	1.81	18.5	6	0.3	1535	0.14	0.05	2.2	0.058	0.20
Q007718		2190	9.5	62.9	0.005	0.27	2.39	9.0	8	0.9	857	0.43	0.11	4.9	0.184	0.80
Q007719		2590	8.9	59.6	0.005	0.19	2.19	7.6	6	0.9	1205	0.46	0.07	4.8	0.191	0.52
Q007720		1530	9.2	61.2	0.005	0.25	2.15	8.5	7	0.9	885	0.42	0.10	4.7	0.184	0.63
Q007721		1170	12.7	104.0	0.003	0.38	2.69	10.3	14	1.4	374	0.62	0.11	8.1	0.283	0.79
Q007722		1090	3.3	13.0	0.006	0.22	1.47	5.8	4	0.3	1850	0.14	<0.05	1.5	0.050	0.22
Q007723		940	3.6	17.8	0.005	0.21	1.60	21.0	5	0.3	1590	0.15	<0.05	2.2	0.055	0.15
Q007724		990	5.0	31.1	0.004	0.25	1.84	20.5	5	0.4	1395	0.22	<0.05	3.0	0.089	0.23
Q007725		2430	9.3	72.5	0.005	0.21	2.14	31.4	12	1.0	380	0.40	0.10	6.0	0.208	3.26
Q007726		2840	8.0	39.7	0.004	0.17	3.13	24.4	14	0.6	217	0.26	0.05	4.3	0.113	5.27
Q007727		2580	9.5	80.3	0.004	0.19	1.70	17.8	10	1.1	373	0.44	0.08	5.4	0.235	2.94
Q007728		2020	10.1	84.1	0.004	0.27	1.86	16.3	10	1.1	388	0.47	0.09	5.9	0.248	4.68
Q007729		1330	10.9	68.9	0.004	0.23	2.07	21.8	11	1.0	271	0.43	0.10	6.2	0.205	1.63
Q007730		950	12.0	85.3	0.002	0.22	1.33	9.5	5	1.4	209	0.57	0.11	7.4	0.279	7.39
Q007731		520	6.7	40.3	0.007	0.23	2.25	4.3	5	0.8	172.0	0.24	0.16	3.7	0.120	1.06

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135032

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ba-XRF10 Ba % 0.01
Q007692		7.2	279	1.0	39.1	424	70.9	
Q007693		6.5	231	0.9	27.6	207	68.0	
Q007694		8.0	298	0.9	37.3	379	65.2	
Q007695		2.2	44	0.2	20.8	86	29.7	
Q007696		38.5	199	1.6	126.0	75	101.0	
Q007697		22.1	253	1.0	44.0	737	74.8	
Q007698		10.8	216	1.0	28.4	318	66.9	
Q007699		9.6	286	1.6	13.0	117	94.1	
Q007700		8.9	254	1.5	12.1	46	97.8	
Q007701		6.1	237	0.9	30.9	248	70.2	
Q007702		5.8	280	2.8	26.6	80	76.0	
Q007703		8.6	307	1.5	31.8	73	66.1	
Q007704		11.8	315	2.3	39.8	191	61.6	
Q007705		5.5	232	2.4	27.9	181	78.2	
Q007706		5.2	287	1.2	36.4	529	94.6	
Q007707		6.4	113	1.2	19.1	253	110.0	
Q007708		5.8	267	1.7	23.4	38	84.4	
Q007709		5.7	254	1.5	26.2	46	74.6	
Q007710		5.9	250	1.7	17.7	36	85.7	
Q007711		6.1	269	1.1	34.1	554	60.9	
Q007712		6.4	243	0.9	51.3	1200	57.5	
Q007713		7.8	271	1.1	32.7	570	79.1	
Q007714		5.9	193	0.2	87.2	486	47.7	
Q007715		9.2	224	0.3	101.0	502	64.3	
Q007716		5.8	242	0.4	74.3	389	63.7	
Q007717		8.7	214	0.2	92.7	522	54.3	
Q007718		7.8	236	0.7	89.6	1360	76.4	
Q007719		4.5	244	0.7	36.5	540	72.8	
Q007720		4.6	225	0.6	47.1	587	69.8	
Q007721		7.1	272	1.0	38.4	509	78.9	
Q007722		4.7	165	0.2	54.3	404	85.0	
Q007723		6.0	239	0.2	84.7	474	58.9	
Q007724		6.6	251	0.4	83.3	489	65.0	
Q007725		9.6	541	0.7	104.0	989	106.5	
Q007726		11.9	354	0.9	102.0	1520	94.9	
Q007727		11.1	281	0.8	71.7	1700	76.4	
Q007728		9.4	274	0.9	56.9	1300	74.5	
Q007729		7.0	270	0.9	112.0	1660	81.9	
Q007730		4.8	232	1.7	24.6	205	82.5	
Q007731		3.0	161	1.8	10.8	307	39.4	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 7-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13135032

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q007732		0.30	0.01	1.05	2.54	116.0	4410	0.81	0.17	0.10	0.47	26.1	2.7	90	6.72	19.5
Q007733		0.03	0.01	0.99	2.01	138.5	600	0.68	0.15	0.11	0.43	21.1	2.5	82	6.09	24.2
Q007734		0.11	0.01	1.55	4.77	37.5	2090	1.17	0.24	0.12	0.13	45.0	0.8	133	14.65	12.8
Q007735		0.33	0.02	1.84	2.99	202	5280	1.34	0.16	2.23	5.86	32.1	12.0	134	11.30	173.0
Q007736		0.29	0.01	2.06	4.47	97.9	4160	1.44	0.24	0.39	2.48	42.1	6.0	145	14.90	76.9
Q007737		0.21	<0.01	6.88	4.83	11.7	3650	8.54	1.17	0.38	6.62	41.4	0.8	5150	28.1	14.2
Q007738		0.17	0.01	6.08	4.95	20.6	5110	5.96	1.91	0.57	5.25	43.5	0.8	4850	26.9	18.0
Q007739		0.30	<0.01	0.89	7.53	25.5	5400	3.63	1.37	0.44	1.80	63.3	0.9	202	38.8	11.0
Q007740		0.27	<0.01	1.18	4.13	272	420	1.91	1.30	0.24	3.98	71.2	0.5	704	20.5	13.1
Q007741		0.13	<0.01	5.12	0.73	570	140	0.89	0.23	1.23	29.4	8.51	0.5	494	4.93	27.9
Q007742		0.18	<0.01	6.50	0.89	562	310	1.00	0.28	1.27	33.3	8.13	0.6	636	5.51	33.3
Q007743		0.49	<0.01	0.65	1.52	186.5	310	0.79	0.44	0.37	3.52	11.15	0.3	279	7.50	11.9
Q007744		0.26	<0.01	2.36	6.90	29.3	5950	3.34	0.92	3.33	7.77	123.5	1.4	375	30.7	14.5
Q007745		0.16	0.01	39.1	3.58	139.0	2760	2.19	0.24	4.06	174.0	39.6	11.3	1410	16.20	287
Q007746		0.15	0.01	18.35	3.72	270	520	2.24	0.21	1.04	65.9	30.0	0.9	714	14.40	26.5
Q007747		0.14	<0.01	2.78	0.22	20	>10000	0.19	0.15	28.2	13.80	3.24	1.1	59	0.78	12.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135032

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007732		2.25	7.72	0.14	1.2	0.20	0.036	0.87	17.1	22.5	0.12	28	4.73	0.01	4.5	42.5
Q007733		2.44	6.11	0.15	1.0	0.16	0.040	0.72	14.3	22.6	0.10	52	8.54	0.02	3.7	45.4
Q007734		1.99	14.00	0.15	2.2	0.35	0.052	1.77	30.3	16.1	0.21	14	5.71	0.04	9.0	22.0
Q007735		8.32	8.70	0.27	1.5	0.53	0.061	0.96	22.5	8.8	0.23	325	21.8	0.01	4.6	204
Q007736		3.71	13.35	0.18	1.9	0.47	0.047	1.47	28.3	11.6	0.20	111	6.45	0.02	7.6	84.3
Q007737		1.20	32.6	0.13	6.8	0.55	0.045	2.09	41.2	118.5	0.72	22	2.61	0.02	19.1	34.4
Q007738		1.71	26.8	0.16	6.3	0.54	0.060	2.09	34.7	90.3	0.64	22	4.55	0.02	15.6	33.8
Q007739		2.40	28.4	0.19	4.2	0.10	0.108	3.16	32.8	57.0	0.67	25	2.39	0.08	19.1	12.8
Q007740		11.80	15.35	0.38	3.1	0.09	0.569	1.90	34.2	33.0	0.37	20	6.26	0.05	11.3	9.8
Q007741		24.9	4.75	0.69	0.7	0.22	0.256	0.57	16.8	18.5	0.10	25	24.1	0.02	2.3	35.8
Q007742		23.9	6.00	0.56	0.9	0.31	0.354	0.56	11.6	22.3	0.12	22	25.9	0.02	2.7	45.4
Q007743		21.3	7.04	0.46	1.2	0.04	0.857	0.81	7.1	10.5	0.12	9	3.61	0.04	3.5	6.9
Q007744		2.12	24.4	0.33	3.7	0.14	0.068	2.71	69.3	63.6	0.58	37	11.95	0.06	16.8	33.3
Q007745		3.66	11.30	0.52	2.0	0.96	0.061	1.13	59.3	21.0	0.28	209	204	0.03	6.6	543
Q007746		6.82	15.65	0.44	2.5	0.91	0.068	2.10	37.6	66.8	0.41	32	61.1	0.04	6.6	128.5
Q007747		0.43	0.65	0.07	0.2	0.08	0.007	0.06	6.0	4.7	0.30	47	14.25	<0.01	0.5	40.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135032

Sample Description	Method Analyte Units LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
Q007732		590	7.1	46.8	0.012	0.32	2.26	4.6	6	0.8	148.0	0.28	0.14	4.2	0.144	1.04
Q007733		620	5.8	39.4	0.008	0.24	2.47	4.6	8	0.7	178.5	0.23	0.17	3.5	0.116	1.03
Q007734		500	12.3	94.8	0.019	0.64	2.11	7.5	6	1.7	170.0	0.56	0.21	7.1	0.274	2.50
Q007735		3080	10.1	46.9	0.016	0.32	8.84	38.1	8	1.2	353	0.28	0.18	4.4	0.140	1.48
Q007736		1710	12.1	74.8	0.026	0.28	4.13	16.8	6	1.3	209	0.48	0.18	6.2	0.242	1.79
Q007737		830	26.6	168.0	0.016	0.16	7.16	13.3	4	2.0	65.9	0.82	0.61	15.9	0.436	2.41
Q007738		2510	65.8	163.5	0.012	0.35	7.67	12.9	6	2.4	88.6	0.84	1.00	24.3	0.432	2.53
Q007739		5290	42.0	204	0.004	0.47	4.13	15.4	5	2.9	113.0	1.00	1.29	12.6	0.482	2.81
Q007740		>10000	41.5	134.0	0.003	3.15	5.63	15.6	19	2.8	170.0	0.53	3.89	15.1	0.271	5.29
Q007741		>10000	8.2	33.1	0.005	3.48	24.4	13.8	82	1.4	643	0.08	0.91	3.9	0.038	13.95
Q007742		>10000	11.1	36.0	0.006	2.74	24.6	17.5	54	1.6	522	0.09	1.09	4.1	0.047	13.15
Q007743		>10000	10.9	62.4	<0.002	5.53	3.38	15.6	35	1.3	158.5	0.14	4.19	5.1	0.085	4.03
Q007744		>10000	36.3	171.5	0.021	0.28	5.57	14.5	6	2.3	402	0.77	0.93	11.4	0.395	2.91
Q007745		>10000	15.8	74.1	0.042	0.24	52.0	14.8	74	1.1	488	0.41	0.36	6.3	0.209	8.06
Q007746		>10000	12.3	108.5	0.037	1.80	27.2	12.6	73	1.3	296	0.42	0.21	9.6	0.227	20.9
Q007747		1390	6.0	4.2	0.032	0.20	4.84	1.6	7	<0.2	2410	<0.05	0.05	0.4	0.011	0.47

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135032

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ba-XRF10 Ba % 0.01
Q007732		3.4	170	1.4	9.9	319	45.5	
Q007733		3.2	154	1.1	10.8	250	37.9	
Q007734		3.6	215	2.4	14.6	84	78.0	
Q007735		12.2	289	1.1	74.4	863	75.4	
Q007736		5.7	264	1.2	32.5	444	75.6	
Q007737		8.7	1360	1.6	18.0	145	203	
Q007738		9.4	1240	1.6	18.9	140	174.0	
Q007739		3.9	510	2.7	12.5	95	132.5	
Q007740		3.8	439	1.7	8.8	135	92.0	
Q007741		10.8	578	0.5	16.9	718	31.5	
Q007742		15.5	594	0.5	11.6	909	37.8	
Q007743		1.8	148	0.6	4.6	121	40.7	
Q007744		6.2	624	2.5	48.1	234	122.0	
Q007745		41.5	2910	2.2	151.5	3260	90.2	
Q007746		10.4	1460	1.5	16.1	1500	89.0	
Q007747		3.6	166	0.2	17.2	293	11.2	1.86

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 7-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13135032

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Ba-XRF10	Hg-CV41	ME-MS61
	ME-XRF10	OA-GRA06		

ALS Canada Ltd.

2103 Dollarton Hwy
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

CERTIFICATE WH13136077

Project: Nadaleen

P.O. No.: AnEx-3

This report is for 127 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: ATAC RESOURCES LTD.
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013101		0.22	0.01	0.50	6.38	195.5	1680	1.70	0.24	4.10	2.36	65.2	11.6	72	7.01	50.6
Q013102		0.25	<0.01	0.68	5.50	261	1580	1.66	0.23	5.97	3.38	65.6	11.2	64	7.31	46.8
Q013103		0.38	<0.01	0.53	5.73	336	1340	1.73	0.23	7.96	3.68	65.6	11.9	60	6.92	42.3
Q013104		0.27	<0.01	0.64	4.98	461	790	1.64	0.19	11.00	5.60	59.3	11.0	51	7.67	34.2
Q013105		0.22	0.01	1.02	5.10	272	550	1.72	0.17	12.00	6.46	51.7	10.2	68	9.41	42.8
Q013106		0.17	<0.01	0.23	7.53	81.6	640	2.39	0.32	4.53	2.78	84.1	18.7	62	7.60	54.2
Q013107		0.15	0.01	3.48	4.41	70.4	890	1.93	0.17	6.53	13.00	60.7	7.6	205	12.95	84.0
Q013108		0.15	0.01	0.84	5.88	197.5	540	1.76	0.22	5.27	5.30	66.8	13.9	65	7.19	47.1
Q013109		0.26	<0.01	0.56	5.23	144.5	480	1.67	0.21	9.37	4.08	57.1	12.0	53	6.63	37.1
Q013110		0.29	0.01	1.61	5.06	2530	2740	2.34	0.20	0.87	14.70	54.1	13.1	111	11.80	83.8
Q013111		0.45	0.01	1.68	4.63	2550	2110	2.48	0.17	5.79	23.3	50.5	13.4	96	10.90	68.4
Q013112		0.47	0.01	0.83	6.13	1390	1520	2.04	0.25	7.16	12.30	64.7	16.2	71	8.18	49.2
Q013113		0.29	0.01	1.69	5.21	2150	2930	2.44	0.21	0.85	14.40	54.9	12.0	107	11.80	85.2
Q013114		0.37	<0.01	0.30	5.68	315	1230	1.72	0.23	9.36	1.58	62.7	12.7	47	5.56	34.6
Q013115		0.37	0.01	1.20	6.34	1005	3590	2.12	0.26	2.40	5.69	66.1	12.9	113	11.45	74.5
Q013116		0.23	<0.01	0.65	7.90	169.0	1100	2.36	0.31	3.58	4.58	85.5	17.5	78	9.08	62.9
Q013117		0.23	0.14	2.83	6.43	3050	510	3.34	0.19	3.95	191.5	100.0	18.4	133	21.8	59.2
Q013118		0.25	<0.01	0.44	5.54	124	820	1.51	0.22	11.65	4.99	63.9	12.0	51	5.99	34.8
Q013119		0.28	0.01	1.37	1.41	3980	270	1.67	0.07	10.85	54.4	26.1	7.5	79	3.56	78.9
Q013120		0.30	<0.01	0.21	5.61	119	1070	1.49	0.23	10.65	1.32	62.4	12.8	43	6.31	39.5
Q013121		0.32	0.03	0.82	4.96	832	1220	1.64	0.19	8.58	8.44	59.2	12.7	62	6.15	49.3
Q013122		0.25	0.01	0.40	4.90	104	730	1.44	0.19	11.35	2.69	55.4	11.1	44	5.41	36.6
Q013123		0.16	0.02	1.39	8.53	48.8	680	2.69	0.28	0.71	2.49	85.9	2.9	108	20.3	77.6
Q013124		0.22	0.01	0.49	4.17	73	630	1.18	0.14	15.75	3.10	46.7	9.3	42	4.30	30.7
Q013125		0.16	0.01	0.83	4.58	446	500	1.63	0.13	2.46	15.90	53.4	6.0	58	9.30	29.6
Q013126		0.30	0.01	0.64	6.07	565	940	1.70	0.23	2.76	5.54	71.8	16.1	74	6.16	61.2
Q013127		0.26	0.01	1.27	8.49	140.0	710	2.43	0.23	0.36	4.35	86.4	2.3	106	20.6	50.1
Q013128		0.13	0.01	0.89	7.92	911	590	3.18	0.22	0.23	40.1	86.0	6.5	105	19.30	66.4
Q013129		0.14	0.01	1.37	8.72	313	710	2.92	0.27	0.31	12.95	93.5	2.5	115	21.6	75.1
Q013130		0.23	0.01	0.06	5.24	29	400	1.88	0.15	12.65	0.74	54.3	11.2	53	13.25	17.9
Q013131		0.22	0.01	0.73	5.22	88	580	1.33	0.15	12.30	5.64	43.0	8.9	51	5.72	27.2
Q013132		0.23	<0.01	0.72	5.28	98	570	1.62	0.17	11.80	5.63	42.3	9.4	52	6.22	29.0
Q013133		0.15	0.01	0.74	5.75	107.5	730	1.70	0.19	4.89	3.95	58.9	11.8	69	6.41	35.6
Q013134		0.27	0.01	0.86	6.23	439	710	1.84	0.23	6.38	7.21	67.6	15.9	75	6.98	54.7
Q013135		0.26	0.01	1.15	7.20	572	710	1.93	0.26	1.93	4.76	67.9	24.5	85	6.13	99.2
Q013136		0.24	0.01	1.24	5.94	1260	950	2.41	0.22	0.63	12.40	71.4	19.5	89	6.95	66.8
Q013137		0.23	0.02	0.87	5.73	1055	970	1.94	0.20	2.97	8.94	59.4	14.4	79	8.11	65.8
Q013138		0.55	<0.01	0.10	0.10	19	70	0.14	0.02	35.4	0.91	1.54	0.5	<1	0.20	2.8
Q013139		0.25	0.02	0.90	6.52	703	900	1.83	0.25	4.59	7.49	72.3	17.9	177	7.61	96.6
Q013140		0.23	<0.01	0.84	5.68	326	1220	1.90	0.20	8.51	7.68	65.8	13.4	69	7.06	48.8

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013101		3.96	14.75	0.15	2.3	0.40	0.038	2.29	34.9	32.7	2.15	763	2.99	0.29	12.2	46.6
Q013102		3.43	14.50	0.14	2.3	0.37	0.038	2.06	35.6	31.2	1.86	556	3.92	0.21	12.4	56.7
Q013103		3.41	14.90	0.14	2.7	0.37	0.042	2.20	35.9	29.8	2.12	568	4.17	0.20	12.0	58.6
Q013104		3.00	13.05	0.12	1.9	0.6	0.035	1.97	33.7	26.4	2.67	541	5.28	0.18	8.8	69.7
Q013105		2.68	14.20	0.16	2.1	0.52	0.053	2.43	34.8	21.1	3.44	261	11.35	0.09	9.0	72.9
Q013106		4.75	21.1	0.17	3.1	0.39	0.069	2.45	44.0	53.8	3.16	925	1.57	0.37	13.6	39.6
Q013107		1.94	11.85	0.16	2.0	0.30	0.044	2.30	48.2	20.4	0.66	114	9.82	0.05	8.1	100.0
Q013108		4.06	16.20	0.17	2.7	0.41	0.050	2.30	38.4	33.6	2.89	636	6.76	0.24	11.5	56.7
Q013109		3.94	14.50	0.16	2.2	0.33	0.044	2.15	33.6	27.1	4.51	615	7.07	0.19	9.9	50.0
Q013110		3.92	12.65	0.20	2.3	1.07	0.045	1.62	38.3	22.1	0.38	249	16.65	0.10	11.4	200
Q013111		4.11	11.90	0.16	2.1	1.19	0.048	1.56	35.6	20.1	0.76	275	21.0	0.13	10.8	252
Q013112		4.29	15.25	0.15	2.6	0.82	0.046	2.10	38.8	34.0	2.57	668	9.92	0.23	10.8	143.0
Q013113		3.86	13.70	0.15	2.4	1.07	0.049	1.73	38.2	22.2	0.43	258	15.40	0.09	12.4	176.5
Q013114		3.52	15.20	0.16	2.4	0.22	0.049	2.02	34.4	36.1	3.12	687	2.33	0.24	10.3	35.2
Q013115		4.17	16.85	0.15	2.8	0.70	0.064	2.22	39.2	35.3	0.99	432	9.33	0.22	13.7	95.6
Q013116		4.81	20.8	0.18	3.5	0.63	0.071	2.76	47.3	45.5	2.09	950	4.62	0.33	13.8	69.1
Q013117		4.01	19.40	0.30	2.7	1.22	0.052	2.86	67.8	32.3	2.22	360	10.10	0.05	11.7	303
Q013118		3.32	14.55	0.15	2.2	0.44	0.045	2.01	35.9	31.6	3.95	722	5.69	0.23	9.7	46.0
Q013119		5.06	3.78	0.14	0.7	1.37	0.012	0.59	32.6	5.7	4.15	256	11.80	0.02	2.4	452
Q013120		3.91	14.65	0.14	2.6	0.39	0.053	1.99	32.7	29.2	4.28	894	1.85	0.27	9.7	29.9
Q013121		3.67	12.90	0.15	2.4	0.67	0.051	1.66	34.7	26.3	2.28	573	8.20	0.38	11.1	88.9
Q013122		3.14	13.05	0.13	2.2	0.26	0.046	1.84	30.9	29.3	3.43	677	4.44	0.24	9.4	40.3
Q013123		1.33	26.5	0.22	3.6	0.39	0.049	4.15	61.2	37.0	1.04	51	6.72	0.07	14.5	35.1
Q013124		2.56	11.00	0.14	1.8	0.24	0.040	1.55	27.6	21.7	1.70	368	4.39	0.27	8.0	38.4
Q013125		4.07	12.90	0.17	1.8	0.19	0.055	1.99	39.9	22.0	0.78	130	37.3	0.08	7.3	118.5
Q013126		4.32	14.95	0.16	2.9	0.53	0.056	1.95	40.2	32.6	1.24	671	7.03	0.68	15.0	85.1
Q013127		2.30	24.0	0.19	3.3	0.33	0.048	4.14	62.3	37.0	0.97	42	16.10	0.07	12.8	26.2
Q013128		7.68	23.2	0.24	3.0	0.26	0.084	3.63	64.9	32.9	0.81	44	44.4	0.05	10.6	123.5
Q013129		3.15	26.2	0.21	3.5	0.31	0.060	4.26	64.7	38.5	0.99	31	28.1	0.06	13.7	40.2
Q013130		2.52	13.85	0.12	2.2	0.23	0.051	2.66	31.5	19.8	4.14	156	4.99	0.05	8.1	41.4
Q013131		2.81	13.45	0.14	2.2	0.12	0.049	2.60	29.1	16.6	3.64	230	5.26	0.09	8.4	45.5
Q013132		2.93	14.40	0.13	2.1	0.17	0.046	2.63	29.0	17.1	3.85	241	5.09	0.09	9.0	49.1
Q013133		3.52	15.25	0.14	2.5	0.19	0.048	2.43	35.5	25.7	1.31	542	5.44	0.21	11.9	48.8
Q013134		4.21	15.75	0.18	2.7	0.62	0.054	2.20	38.9	34.0	1.43	659	9.15	0.40	11.5	82.4
Q013135		6.19	18.85	0.17	2.9	0.74	0.072	2.12	35.8	48.5	1.57	782	5.31	0.57	11.6	89.3
Q013136		4.90	14.45	0.17	2.7	0.70	0.049	1.91	43.0	32.8	0.67	715	16.05	0.40	14.0	161.0
Q013137		4.27	13.95	0.15	2.4	1.03	0.051	1.88	37.4	29.8	2.00	755	9.28	0.41	11.0	117.0
Q013138		0.08	0.29	0.08	0.1	<0.1	<0.005	0.04	1.8	1.2	0.19	34	0.37	0.01	0.2	2.8
Q013139		4.76	16.40	0.17	2.9	1.10	0.057	2.09	51.2	35.9	1.34	666	12.40	0.45	11.3	132.0
Q013140		3.59	15.50	0.17	2.5	0.42	0.046	2.21	39.6	30.2	2.50	538	12.30	0.27	11.1	81.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013101		1020	40.4	96.6	<0.002	0.05	2.17	11.4	2	1.6	135.0	0.82	0.05	10.3	0.367	1.50
Q013102		950	36.8	97.8	0.003	0.05	3.04	10.7	2	1.7	166.0	0.82	0.09	10.2	0.320	1.79
Q013103		730	40.1	103.0	<0.002	0.04	3.12	10.8	3	1.8	265	0.80	0.09	10.7	0.319	1.92
Q013104		850	37.1	91.5	<0.002	0.02	4.22	9.3	3	1.5	195.5	0.62	0.05	8.0	0.266	4.64
Q013105		690	23.3	107.0	0.003	0.04	10.05	9.7	5	1.8	186.5	0.60	0.05	7.1	0.288	2.42
Q013106		700	50.9	119.5	0.003	0.02	1.73	15.6	1	2.4	106.0	0.94	0.05	13.1	0.421	1.46
Q013107		2760	13.0	98.9	0.008	0.10	11.40	8.9	6	1.6	149.0	0.56	0.12	6.3	0.241	2.35
Q013108		1010	88.8	105.5	0.003	0.04	6.63	12.0	2	1.8	98.2	0.79	0.07	9.4	0.358	2.30
Q013109		630	44.4	96.0	0.002	0.04	6.17	10.2	2	1.7	110.0	0.67	<0.05	7.9	0.310	1.68
Q013110		1440	114.5	84.5	0.006	0.15	9.68	10.1	7	1.4	185.0	0.72	0.14	6.9	0.278	4.93
Q013111		1570	125.0	77.1	0.008	0.13	12.55	9.4	6	1.4	261	0.68	0.10	6.6	0.270	6.96
Q013112		1170	95.5	93.5	0.005	0.07	6.06	10.9	4	1.7	199.5	0.76	0.07	9.5	0.330	5.17
Q013113		1490	114.5	87.4	0.007	0.14	9.28	10.4	8	1.5	183.0	0.78	0.12	7.3	0.294	4.84
Q013114		780	30.7	93.7	0.004	0.04	1.74	10.7	2	1.7	226	0.73	0.06	9.5	0.313	1.77
Q013115		1720	58.2	103.5	0.009	0.19	6.75	13.6	3	1.9	241	0.88	0.12	9.7	0.387	3.52
Q013116		1010	55.1	128.5	0.002	0.04	4.10	15.5	3	2.4	117.5	0.99	0.09	12.9	0.430	1.95
Q013117		2710	17.6	121.5	0.003	0.03	38.5	14.1	32	2.0	74.6	0.77	0.09	10.0	0.350	36.0
Q013118		720	45.1	91.0	0.002	0.03	4.51	9.9	2	1.8	211	0.69	<0.05	9.0	0.299	1.94
Q013119		1860	7.7	24.4	0.004	0.05	34.2	6.5	9	0.4	179.5	0.14	0.05	2.0	0.071	9.21
Q013120		650	45.0	82.9	0.003	0.05	1.50	11.6	2	1.6	151.0	0.68	<0.05	9.2	0.334	1.51
Q013121		1090	80.7	75.8	0.003	0.06	5.69	10.1	3	1.5	258	0.75	<0.05	8.0	0.319	2.74
Q013122		760	29.7	80.9	0.004	0.03	3.81	9.3	2	1.5	239	0.66	0.05	8.1	0.291	1.17
Q013123		340	7.9	198.0	0.003	0.03	15.80	11.7	5	2.9	89.3	1.01	0.06	10.8	0.487	2.39
Q013124		700	24.9	71.9	0.004	0.03	3.81	8.7	2	1.3	476	0.54	0.05	6.2	0.277	0.91
Q013125		520	15.9	94.0	0.005	0.10	18.80	7.5	7	1.6	106.0	0.50	<0.05	7.4	0.245	2.04
Q013126		1380	63.4	84.9	0.002	0.03	5.17	12.8	3	1.7	188.0	0.99	0.06	10.3	0.430	2.02
Q013127		480	23.4	197.0	0.003	0.36	15.45	11.2	6	2.6	135.5	0.88	0.06	9.5	0.451	4.24
Q013128		860	15.2	177.5	0.003	0.16	27.7	11.9	14	2.3	100.0	0.74	0.08	10.2	0.364	3.28
Q013129		510	13.3	201	0.003	0.27	35.4	12.1	15	2.9	108.5	0.97	0.06	8.7	0.469	3.71
Q013130		560	9.8	126.0	0.003	0.02	4.03	9.1	1	1.7	157.5	0.55	0.06	7.3	0.286	1.56
Q013131		600	13.0	106.0	0.003	0.01	5.43	9.3	2	1.7	177.5	0.59	<0.05	7.0	0.302	1.42
Q013132		500	13.3	110.0	0.004	0.01	5.45	9.8	2	1.8	171.0	0.61	0.05	7.4	0.307	1.57
Q013133		1960	26.7	106.5	0.002	0.03	4.84	10.5	3	1.8	118.5	0.81	0.06	8.7	0.364	1.33
Q013134		1110	84.1	98.0	0.004	0.04	6.24	12.8	4	1.8	165.5	0.79	0.06	9.4	0.395	2.31
Q013135		970	53.3	93.5	0.004	0.08	4.06	19.2	3	2.1	105.5	0.81	0.09	9.1	0.521	2.34
Q013136		1700	102.0	85.9	0.004	0.05	8.59	13.3	6	1.7	146.5	0.89	0.11	9.7	0.391	3.94
Q013137		1200	103.0	79.3	0.003	0.06	5.65	11.5	4	1.6	176.0	0.74	0.08	8.6	0.344	3.48
Q013138		80	1.7	1.7	0.002	<0.01	0.20	0.3	1	<0.2	222	<0.05	<0.05	0.2	0.006	0.11
Q013139		4050	64.7	89.2	0.004	0.08	7.54	14.8	7	1.8	193.5	0.76	0.14	9.1	0.413	3.08
Q013140		1040	89.3	101.5	0.003	0.05	7.83	11.1	5	1.8	177.0	0.75	<0.05	9.0	0.336	2.20

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q013101		3.4	207	1.2	22.1	293	80.7			
Q013102		3.6	222	1.2	24.6	361	97.0			
Q013103		3.8	220	1.2	23.1	383	83.8			
Q013104		3.8	274	1.1	21.8	635	69.9			
Q013105		6.2	631	1.9	24.8	575	76.6			
Q013106		3.5	133	1.7	22.1	563	107.0			
Q013107		8.7	1760	1.0	62.4	610	81.7			
Q013108		4.3	310	1.6	27.5	466	95.3			
Q013109		4.2	239	1.4	18.9	357	78.5			
Q013110		6.8	688	1.8	52.3	1190	85.6			
Q013111		8.0	690	1.9	51.5	1520	81.0			
Q013112		5.2	408	1.6	50.8	987	84.8			
Q013113		6.8	670	1.9	46.8	1070	90.5			
Q013114		3.3	154	1.2	19.1	217	80.6			
Q013115		5.6	449	1.9	32.6	509	105.5			
Q013116		4.2	296	1.7	31.5	410	112.5			
Q013117		8.6	1520	2.6	69.1	3130	102.5			
Q013118		3.9	273	1.2	20.5	448	77.1			
Q013119		3.5	1360	1.0	41.5	4080	34.8			
Q013120		3.3	123	1.3	17.9	223	82.2			
Q013121		4.3	339	1.4	31.0	604	84.7			
Q013122		3.7	246	1.1	20.1	325	77.5			
Q013123		7.7	977	3.8	35.4	187	129.0			
Q013124		3.4	245	1.0	18.6	247	67.5			
Q013125		6.3	590	1.9	22.3	1150	63.7			
Q013126		4.2	302	1.6	31.2	520	104.5			
Q013127		6.2	891	3.3	33.8	172	119.5			
Q013128		10.8	1400	3.6	40.6	1560	106.0			
Q013129		8.1	1120	4.2	36.4	312	128.0			
Q013130		4.5	66	1.2	18.7	82	68.1			
Q013131		3.9	301	1.1	20.9	291	68.1			
Q013132		3.8	283	1.1	20.5	295	72.2			
Q013133		4.3	345	1.3	25.8	339	86.9			
Q013134		4.5	415	1.4	33.2	589	94.1			
Q013135		3.3	331	1.3	30.7	470	102.0			
Q013136		5.7	492	1.7	43.4	1060	95.4			
Q013137		4.4	429	1.6	35.9	749	87.2			
Q013138		0.5	15	<0.1	2.2	27	3.1			
Q013139		8.0	446	1.5	54.1	760	108.0			
Q013140		5.6	512	1.4	29.7	600	88.3			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q013141		0.25	<0.01	0.74	4.85	204	1160	1.73	0.18	11.55	8.23	54.5	11.5	68	6.32	45.6
Q013142		0.25	<0.01	1.32	2.89	410	330	1.03	0.10	14.60	14.30	28.8	11.5	44	5.90	22.8
Q013143		0.14	<0.01	3.94	4.75	333	1010	1.67	0.19	7.31	7.00	53.1	11.4	159	7.18	70.5
Q013144		0.22	<0.01	2.16	6.16	1050	610	2.05	0.18	5.60	18.00	75.1	18.1	112	13.15	50.1
Q013145		0.11	<0.01	1.63	5.48	804	460	1.73	0.16	8.81	21.1	62.1	23.2	96	9.66	47.9
Q013146		0.21	<0.01	1.85	5.29	1180	490	1.89	0.16	7.70	30.1	75.9	16.1	90	12.55	41.0
Q013147		0.21	<0.01	0.82	5.20	339	900	1.74	0.19	9.17	8.47	59.2	13.1	73	7.08	46.5
Q013148		0.17	<0.01	0.52	7.17	823	490	3.31	0.25	5.77	4.12	51.3	14.8	117	42.6	41.8
Q013149		0.25	<0.01	0.90	4.98	676	550	1.99	0.19	12.15	7.86	56.0	13.2	77	14.05	43.5
Q013150		0.21	<0.01	0.49	8.15	1000	510	3.49	0.30	5.11	3.75	57.2	19.1	126	47.8	42.4
Q013151		0.21	<0.01	0.36	6.89	751	360	2.81	0.20	12.40	4.07	59.5	14.8	86	35.4	34.2
Q013152		0.26	<0.01	0.06	0.48	63	110	0.29	0.03	36.7	1.77	6.40	1.4	7	2.30	6.7
Q013153		0.23	<0.01	0.91	4.70	679	540	1.86	0.16	13.10	8.22	50.7	11.9	75	14.30	42.6
Q013154		0.12	<0.01	0.57	6.34	216	700	2.12	0.25	5.59	3.81	72.9	15.6	79	9.83	52.5
Q013155		0.21	<0.01	0.83	6.40	148.0	690	2.26	0.23	7.49	6.22	71.8	14.1	84	12.15	50.5
Q013156		0.25	<0.01	0.19	2.29	181	220	0.93	0.10	20.8	2.06	27.7	5.8	29	4.88	14.8
Q013157		0.14	<0.01	0.78	5.34	124.5	600	2.02	0.19	9.89	8.07	61.5	11.8	85	12.70	46.0
Q013158		0.16	<0.01	5.23	6.35	547	410	2.95	0.21	7.81	9.33	95.0	15.7	100	18.75	49.9
Q013159		0.14	<0.01	2.32	5.00	493	330	2.69	0.18	16.95	15.40	55.3	13.8	77	18.75	31.4
Q013160		0.16	<0.01	2.11	4.10	426	270	2.32	0.13	17.55	16.25	60.3	12.5	66	12.90	36.9
Q013161		0.11	<0.01	7.60	7.06	734	610	3.77	0.31	1.79	22.5	102.0	16.4	201	27.5	163.5
Q013162		0.14	<0.01	2.08	3.20	283	240	2.03	0.12	23.0	16.15	49.5	5.1	68	10.75	34.9
Q013163		0.21	<0.01	2.56	6.74	1625	650	3.06	0.22	3.99	40.4	79.0	39.6	98	19.95	59.8
Q013164		0.19	<0.01	0.17	3.09	129	410	1.35	0.09	14.80	4.13	37.0	5.9	42	6.04	18.2
Q013165		0.27	<0.01	0.34	4.74	87	850	1.97	0.17	10.25	4.82	57.7	9.5	77	10.80	35.9
Q013166		0.26	<0.01	0.74	4.15	215	530	1.53	0.16	16.50	8.91	49.6	9.6	64	6.88	42.9
Q013167		0.21	<0.01	0.48	6.01	94.9	590	1.87	0.22	4.07	2.59	68.7	16.6	76	7.08	68.2
Q013168		0.17	<0.01	1.44	0.75	287	180	0.42	0.05	33.1	71.1	17.70	9.3	35	2.23	36.3
Q013169		0.22	<0.01	1.90	1.53	588	490	0.60	0.09	26.8	26.7	40.5	3.3	87	3.73	76.3
Q013170		0.25	<0.01	1.33	2.60	521	250	1.34	0.27	17.00	45.5	79.5	8.8	99	8.19	133.0
Q013171		0.20	<0.01	1.32	1.43	609	380	0.73	0.11	30.7	14.45	37.1	3.8	90	3.92	92.4
Q013172		0.18	<0.01	1.02	2.21	8010	950	3.76	0.09	8.68	208	48.7	77.0	118	7.04	212
Q013173		0.14	<0.01	1.53	2.93	3660	480	2.49	0.13	10.55	104.5	70.9	17.6	179	13.40	104.0
Q013174		0.28	<0.01	2.54	2.59	6470	620	2.65	0.11	3.61	193.5	68.7	20.7	224	9.36	125.5
Q013175		0.40	<0.01	4.24	0.26	257	2230	0.24	0.02	5.41	10.80	4.96	1.4	21	1.67	14.9
Q013176		0.28	<0.01	1.48	4.88	>10000	1060	5.57	0.20	5.17	300	72.9	28.3	254	34.0	170.0
Q013177		0.14	0.01	2.92	3.92	>10000	4680	4.01	0.14	1.56	255	54.6	37.2	228	28.4	126.5
Q013178		0.22	0.09	5.97	7.47	4060	1670	2.82	0.27	0.56	386	124.5	78.5	108	18.65	151.0
Q013179		0.23	0.63	14.25	5.12	1020	1100	1.68	0.20	0.47	42.3	75.1	10.1	136	16.15	221
Q013180		0.27	0.02	1.37	4.82	1910	2690	1.99	0.17	0.63	14.25	48.4	10.5	106	9.06	75.7

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013141		2.87	12.80	0.13	1.9	0.48	0.050	1.98	32.8	23.9	3.25	410	12.90	0.18	9.2	94.5
Q013142		1.40	7.44	0.10	1.1	0.60	0.027	1.33	22.6	9.6	6.13	133	43.8	0.03	4.5	394
Q013143		3.00	12.65	0.17	2.1	0.57	0.046	1.82	37.9	23.3	1.53	359	19.90	0.19	9.8	150.5
Q013144		2.79	17.15	0.20	2.5	0.97	0.065	2.86	58.7	15.9	2.92	89	82.0	0.04	10.3	841
Q013145		2.34	15.10	0.16	2.1	0.61	0.057	2.54	46.5	13.3	4.61	121	62.9	0.04	8.9	660
Q013146		2.71	14.35	0.19	2.2	0.73	0.052	2.46	63.2	15.1	4.00	103	78.8	0.04	9.0	764
Q013147		3.17	13.70	0.13	2.2	0.44	0.049	2.11	35.9	25.9	2.54	414	18.15	0.19	10.4	165.5
Q013148		3.40	22.3	0.30	2.7	0.22	0.086	3.84	28.1	34.9	1.63	144	33.3	0.08	13.1	291
Q013149		2.88	13.35	0.18	2.0	0.54	0.052	2.03	35.9	22.7	2.82	333	23.0	0.17	9.2	183.0
Q013150		3.92	23.9	0.31	3.0	0.38	0.096	4.24	30.6	36.8	1.10	149	37.0	0.07	14.8	334
Q013151		2.83	17.65	0.21	2.2	0.51	0.076	3.18	34.1	28.0	1.78	156	41.8	0.05	10.5	274
Q013152		0.25	1.27	0.08	0.2	0.07	<0.005	0.22	4.9	2.5	0.41	74	2.57	0.01	0.8	21.9
Q013153		2.71	12.15	0.18	1.8	0.52	0.047	1.95	32.0	20.3	2.62	311	22.0	0.18	8.7	172.5
Q013154		4.28	16.55	0.16	2.7	0.31	0.060	2.23	42.3	33.6	1.85	614	12.75	0.30	12.9	102.0
Q013155		3.45	17.15	0.16	2.6	0.50	0.063	2.70	43.5	30.6	2.30	464	16.85	0.17	11.6	109.0
Q013156		1.56	5.88	0.09	0.9	0.09	0.024	1.08	20.0	12.0	3.69	167	15.05	0.03	3.7	87.5
Q013157		2.99	14.60	0.16	2.2	0.30	0.051	2.27	37.2	25.1	3.24	366	30.7	0.15	10.2	122.0
Q013158		3.37	15.70	0.19	2.7	2.60	0.037	2.87	64.5	19.2	1.19	179	121.0	0.04	12.2	348
Q013159		2.38	13.35	0.28	2.1	0.59	0.040	2.30	40.4	15.1	0.76	339	94.0	0.03	9.6	246
Q013160		2.11	11.35	0.22	1.7	0.39	0.028	1.86	42.3	13.8	0.73	370	72.8	0.03	7.4	244
Q013161		3.89	19.40	0.76	3.3	1.03	0.070	3.19	79.1	27.4	0.68	127	161.5	0.05	14.0	483
Q013162		1.44	8.73	0.13	1.4	0.72	0.027	1.42	36.1	11.4	0.68	356	47.0	0.02	5.8	160.5
Q013163		3.57	16.90	0.21	2.8	1.31	0.061	3.04	48.7	28.5	2.41	507	46.1	0.05	12.3	435
Q013164		1.42	7.52	0.09	1.1	0.12	0.017	1.44	22.5	11.5	7.97	175	24.6	0.03	5.3	69.9
Q013165		2.47	12.85	0.14	1.9	0.26	0.044	2.37	35.2	17.0	5.43	146	48.5	0.04	9.0	121.5
Q013166		2.44	11.20	0.12	1.7	0.27	0.044	1.61	30.2	22.4	2.03	299	9.50	0.13	9.3	100.5
Q013167		4.50	15.95	0.14	2.7	0.23	0.062	2.16	36.1	36.0	1.75	582	5.76	0.37	18.1	58.3
Q013168		0.35	2.46	0.09	0.5	1.52	0.010	0.31	19.3	2.7	0.60	136	11.00	0.01	1.6	235
Q013169		0.71	4.68	0.17	0.9	2.30	0.017	0.60	47.1	5.1	1.37	88	8.54	0.01	2.8	119.5
Q013170		1.18	7.33	0.23	1.6	1.43	0.034	1.13	87.6	10.1	8.89	164	128.0	0.03	6.2	292
Q013171		0.97	4.64	0.18	0.9	1.92	0.019	0.61	41.8	5.3	0.88	105	17.00	0.01	3.2	159.5
Q013172		9.26	6.36	0.14	1.1	6.0	0.025	0.87	57.2	8.8	4.13	1760	25.1	0.02	3.5	1130
Q013173		4.51	8.87	0.20	1.3	2.68	0.029	1.17	89.9	12.6	3.82	536	10.70	0.03	4.4	642
Q013174		6.35	8.54	0.18	1.3	3.02	0.029	1.04	89.9	9.1	1.42	438	11.30	0.02	3.8	818
Q013175		0.40	0.67	<0.05	0.1	0.45	<0.005	0.10	6.1	1.8	0.71	55	0.68	0.01	0.4	26.1
Q013176		11.05	14.55	0.19	1.9	2.65	0.048	1.75	83.3	22.0	1.12	782	33.0	0.06	5.7	1740
Q013177		9.76	13.20	0.17	1.3	1.90	0.030	1.40	66.4	20.0	0.54	947	19.55	0.03	3.2	1615
Q013178		3.88	17.85	0.25	3.0	25.7	0.045	3.00	98.3	25.9	0.58	766	7.77	0.04	13.2	329
Q013179		1.01	14.35	0.28	2.4	>100	0.033	2.16	70.5	20.2	0.40	88	41.6	0.03	10.1	73.4
Q013180		3.55	10.65	0.13	2.0	2.3	0.034	1.49	32.9	21.2	0.39	279	13.80	0.11	10.9	192.5

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Finalized Date: 17-AUG-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013141		960	46.1	90.3	0.003	0.05	7.55	9.7	4	1.6	181.0	0.62	0.05	7.7	0.264	1.83
Q013142		2110	21.7	55.4	0.002	0.01	10.20	4.0	2	1.0	130.5	0.31	<0.05	4.2	0.142	2.09
Q013143		1680	47.3	83.2	0.003	0.07	8.84	9.6	9	1.5	202	0.65	0.10	7.9	0.277	2.48
Q013144		1770	32.6	114.0	<0.002	0.02	24.5	7.9	7	2.2	136.0	0.70	0.07	9.2	0.319	5.84
Q013145		1040	30.5	99.5	0.002	0.02	15.50	7.6	12	1.8	134.5	0.62	0.06	7.7	0.283	5.28
Q013146		2320	33.5	99.0	0.002	0.02	27.1	6.9	5	1.9	127.0	0.60	0.08	8.2	0.272	6.52
Q013147		1140	42.3	92.7	0.002	0.05	8.94	10.0	4	1.7	170.5	0.71	0.08	8.2	0.295	2.36
Q013148		510	25.2	133.5	0.002	0.02	10.70	14.9	88	2.6	80.2	0.87	0.06	8.6	0.404	18.75
Q013149		920	88.9	98.1	<0.002	0.04	8.14	10.1	20	1.6	160.5	0.63	0.07	7.6	0.269	5.80
Q013150		480	22.8	165.5	0.002	0.01	13.50	16.8	93	2.9	84.4	0.96	0.09	9.9	0.448	22.3
Q013151		410	17.3	166.5	0.002	0.01	8.56	12.5	46	2.3	111.0	0.69	0.06	8.4	0.328	13.65
Q013152		220	4.0	11.1	<0.002	0.01	1.07	1.2	3	0.2	333	0.05	<0.05	0.7	0.024	1.02
Q013153		1010	169.5	93.4	0.002	0.04	7.92	9.6	25	1.5	189.5	0.58	0.06	6.9	0.253	6.67
Q013154		930	42.3	110.0	0.002	0.04	7.76	13.9	6	2.0	128.0	0.86	0.08	10.3	0.393	3.57
Q013155		1200	41.7	129.0	0.002	0.03	10.95	12.7	11	2.1	126.0	0.80	0.07	10.3	0.338	3.76
Q013156		240	8.8	45.5	0.004	0.05	6.48	4.3	3	0.8	276	0.26	<0.05	3.5	0.121	2.02
Q013157		840	23.9	106.5	0.003	0.04	12.75	10.4	11	1.9	182.0	0.69	0.07	8.5	0.297	3.25
Q013158		1630	547	125.0	<0.002	0.04	19.10	10.9	9	2.0	74.8	0.80	0.10	10.6	0.346	6.84
Q013159		530	146.5	103.0	0.003	0.02	17.85	17.0	69	1.7	53.4	0.64	<0.05	8.6	0.279	9.63
Q013160		550	47.2	80.0	<0.002	0.03	10.30	14.3	40	1.4	42.3	0.49	<0.05	6.7	0.228	7.07
Q013161		1660	299	145.5	0.007	0.16	23.6	12.8	280	2.6	63.8	0.99	0.19	12.9	0.368	14.10
Q013162		690	118.5	63.2	0.002	0.04	12.10	10.9	9	1.1	50.0	0.38	0.05	5.2	0.170	5.39
Q013163		1220	39.7	130.5	0.002	0.02	30.5	10.2	27	2.7	90.5	0.83	0.08	11.0	0.354	10.65
Q013164		460	8.3	59.2	0.002	0.07	6.12	5.8	3	1.1	128.0	0.34	<0.05	4.7	0.161	2.95
Q013165		540	13.9	99.2	0.003	0.11	13.60	8.8	4	1.8	113.0	0.61	<0.05	7.8	0.265	3.27
Q013166		1150	30.3	72.7	<0.002	0.03	5.99	8.6	3	1.3	190.5	0.60	<0.05	6.6	0.240	2.19
Q013167		1430	32.9	92.8	<0.002	0.04	3.68	14.2	3	1.9	127.0	1.09	0.10	9.5	0.469	1.00
Q013168		840	162.0	13.1	<0.002	0.02	11.00	1.4	14	0.3	298	0.09	0.06	1.4	0.038	3.10
Q013169		3330	364	26.7	<0.002	0.06	11.55	2.5	23	0.6	416	0.17	0.07	2.8	0.069	3.63
Q013170		1520	47.3	50.9	0.003	0.09	14.30	6.0	25	1.0	130.5	0.34	0.12	5.2	0.144	7.50
Q013171		1520	51.8	27.8	0.002	0.04	35.2	2.7	28	0.6	282	0.19	0.12	2.6	0.072	4.01
Q013172		1610	15.9	37.1	<0.002	0.06	78.7	13.9	11	0.8	132.0	0.21	0.08	3.7	0.104	32.0
Q013173		2240	17.4	54.3	0.002	0.06	41.8	9.5	4	1.2	193.0	0.28	0.08	4.8	0.130	20.3
Q013174		3770	39.2	44.8	<0.002	0.06	85.0	10.0	4	1.0	148.0	0.23	0.11	4.2	0.118	17.85
Q013175		700	1.6	4.8	0.004	0.08	2.16	0.6	<1	<0.2	78.5	<0.05	<0.05	0.4	0.012	3.93
Q013176		3860	87.2	92.9	<0.002	0.04	105.5	18.0	9	1.7	160.0	0.38	0.13	7.3	0.150	48.0
Q013177		2740	35.3	78.0	0.002	0.13	137.5	14.5	4	1.2	74.8	0.31	0.08	4.8	0.095	44.2
Q013178		2300	165.5	121.5	<0.002	0.03	44.4	13.0	15	2.2	532	0.81	0.07	13.2	0.390	32.1
Q013179		1570	6940	95.0	0.004	0.09	135.0	5.7	65	1.8	313	0.63	0.12	8.3	0.281	54.1
Q013180		1400	80.9	71.4	0.003	0.11	7.44	9.9	6	1.1	175.0	0.64	0.10	6.5	0.269	4.20

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q013141		5.6	458	1.1	24.1	656	72.4			
Q013142		10.6	300	1.8	15.7	2020	40.5			
Q013143		8.6	509	1.4	28.7	838	77.9			
Q013144		12.1	803	4.5	31.8	3220	87.8			
Q013145		8.7	642	4.0	26.0	2870	74.9			
Q013146		14.4	672	3.9	31.7	3600	79.0			
Q013147		5.8	463	1.5	25.9	1000	78.6			
Q013148		4.1	458	2.0	21.5	2440	97.9			
Q013149		5.3	430	1.3	30.7	1500	74.2			
Q013150		4.5	511	2.3	22.5	2850	105.5			
Q013151		4.0	384	1.5	22.0	2170	80.6			
Q013152		1.4	36	0.1	5.7	180	6.6			
Q013153		5.0	436	1.3	28.5	1620	69.3			
Q013154		5.2	408	1.4	31.5	743	96.5			
Q013155		6.5	612	1.4	33.6	851	93.2			
Q013156		3.2	213	0.5	16.4	836	32.9			
Q013157		7.9	845	1.2	28.9	1040	82.7			
Q013158		19.4	1170	5.7	48.5	3570	107.5			
Q013159		16.2	1140	3.7	54.6	2700	90.2			
Q013160		17.4	872	2.3	55.6	2340	67.3			
Q013161		21.1	3020	5.3	60.7	4600	136.0			
Q013162		16.1	887	2.2	48.2	1670	58.4			
Q013163		11.8	1530	1.6	36.4	3030	104.5			
Q013164		12.1	547	0.5	17.7	589	44.4			
Q013165		8.7	1240	0.9	22.9	857	75.5			
Q013166		5.2	389	0.9	23.6	867	68.7			
Q013167		3.9	268	1.3	24.6	271	104.5			
Q013168		7.9	797	0.7	16.7	5260	21.0			
Q013169		15.7	1040	1.5	41.0	728	41.2			
Q013170		20.7	1600	1.1	51.8	1410	70.3			
Q013171		10.9	1080	0.9	29.7	971	44.1			
Q013172		5.7	2420	1.5	81.0	>10000	59.6	1.030		
Q013173		8.8	1420	1.0	90.3	6170	62.9			
Q013174		8.6	2010	1.6	86.7	6920	62.9			
Q013175		1.2	120	0.1	8.6	259	3.1			
Q013176		11.8	3450	2.4	129.5	>10000	91.2	1.490	1.235	
Q013177		6.7	3020	2.4	82.2	>10000	66.7	1.220	1.105	
Q013178		9.9	1660	4.8	95.8	3020	121.0			
Q013179		15.0	2120	5.7	32.9	1440	85.7			162.5
Q013180		6.5	616	1.3	50.2	1060	75.1			

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013181		0.37	<0.01	1.35	0.34	35	90	0.21	0.04	33.5	3.04	5.63	0.7	7	0.72	5.1
Q013182		0.32	<0.01	0.60	0.09	86	50	0.14	0.01	37.7	8.38	2.45	0.6	4	0.16	5.3
Q013183		0.47	<0.01	0.39	0.50	346	1280	0.27	0.03	30.6	12.55	18.60	2.2	8	0.88	6.3
Q013184		0.24	<0.01	0.03	0.17	75	400	0.11	0.02	31.9	0.57	4.65	0.6	3	0.33	2.7
Q013185		0.30	0.03	1.31	2.62	156.5	4480	1.50	0.10	0.87	4.42	25.3	17.7	102	7.59	105.0
Q013186		0.08	0.03	1.82	2.31	111.5	8000	1.79	0.13	1.07	7.43	20.8	13.6	86	4.50	104.5
Q013187		0.26	0.01	1.29	5.67	86.9	3460	1.53	0.23	0.17	0.78	53.0	4.4	153	22.7	26.5
Q013188		0.14	0.05	2.54	3.95	274	7140	3.55	0.12	0.65	5.24	29.5	17.5	157	7.03	172.5
Q013189		0.32	<0.01	0.96	5.58	131.5	1620	1.46	0.24	0.04	0.29	57.1	1.8	135	24.3	18.7
Q013190		0.32	<0.01	5.70	3.98	139.5	6820	1.98	0.14	1.66	6.75	28.9	9.9	234	10.05	107.0
Q013191		0.17	<0.01	5.05	3.30	113.0	4610	1.63	0.16	0.92	2.73	30.3	6.3	233	13.35	88.0
Q013192		0.15	<0.01	1.44	5.00	95.8	1910	1.34	0.23	0.17	0.57	50.0	2.1	188	23.6	28.2
Q013193		0.12	<0.01	3.68	3.52	74.2	4350	1.23	0.15	1.32	2.40	30.8	5.5	228	13.25	57.0
Q013194		0.24	<0.01	0.61	0.26	15.5	5540	0.13	0.02	9.48	1.22	2.80	1.9	23	1.37	6.8
Q013195		0.15	<0.01	1.12	5.27	133.5	2160	1.16	0.20	0.09	0.16	54.4	1.2	102	15.40	17.5
Q013196		0.13	0.01	1.17	5.12	257	2080	1.09	0.23	0.19	0.23	49.8	1.9	107	15.45	26.7
Q013197		0.16	0.01	1.20	5.25	154.5	1740	1.16	0.21	0.08	0.12	54.6	1.5	104	16.40	21.8
Q013198		0.42	<0.01	1.77	5.09	495	1460	1.32	0.24	0.06	0.50	55.4	3.3	104	14.65	31.7
Q013199		0.18	<0.01	1.27	5.21	558	2240	1.22	0.26	0.09	0.61	53.9	2.1	103	16.25	29.1
Q013200		0.42	0.01	1.34	4.73	115.0	4590	1.89	0.18	0.70	5.30	42.3	8.2	187	10.30	111.0
Q013001		0.75	<0.01	1.58	3.76	118.0	4900	1.51	0.14	7.08	12.20	35.5	11.7	157	7.42	106.0
Q013002		0.20	<0.01	1.72	4.13	131.0	3650	1.52	0.17	1.39	4.72	40.2	9.5	184	8.73	93.2
Q013003		0.20	0.01	2.26	4.85	44.3	4600	1.55	0.20	0.80	4.78	43.9	10.4	232	12.70	96.2
Q013004		0.38	<0.01	2.00	4.83	106.0	5880	2.12	0.16	4.59	14.10	39.0	16.3	172	9.55	164.0
Q013005		0.36	<0.01	1.10	5.44	212	3160	1.61	0.19	0.16	1.23	50.1	8.4	151	12.30	87.2
Q013006		0.30	0.01	0.94	4.94	331	2500	1.55	0.18	0.10	2.12	45.2	7.3	134	8.26	76.2
Q013007		0.33	<0.01	1.16	4.81	435	1820	1.45	0.20	0.04	1.88	50.3	6.6	88	9.47	43.0
Q013008		0.38	<0.01	1.46	5.61	274	2800	1.92	0.23	0.15	2.82	55.3	8.9	182	12.65	107.5
Q013009		0.21	<0.01	1.00	5.04	328	1850	1.47	0.21	0.12	1.87	49.7	6.5	135	9.31	62.7
Q013010		0.44	<0.01	2.04	5.20	228	5950	2.09	0.18	0.35	5.42	43.9	9.4	256	9.73	169.5
Q013011		0.41	0.01	1.41	5.62	277	3560	2.97	0.19	0.31	8.65	47.0	8.3	205	8.81	225
Q013012		0.42	<0.01	2.28	4.32	73.6	3880	1.22	0.18	0.07	0.75	43.8	1.8	177	7.57	40.6
Q013013		0.42	0.01	2.91	4.33	78.5	1190	1.14	0.22	0.06	0.74	47.4	1.1	177	8.95	60.2
Q013014		0.35	0.01	2.37	4.79	59.9	1450	1.20	0.25	0.09	0.88	55.0	0.8	163	9.92	37.1
Q013015		0.20	0.01	1.95	5.96	269	5980	4.01	0.23	0.99	134.5	55.0	28.8	182	7.73	725
Q013016		0.15	<0.01	1.02	4.52	218	6780	2.63	0.12	5.91	133.0	36.7	24.3	121	4.59	529
Q013017		0.16	<0.01	1.58	5.06	209	4900	2.10	0.17	0.40	9.86	48.3	12.6	204	8.54	196.5
Q013018		0.31	<0.01	2.58	4.97	90.9	6040	1.51	0.19	0.52	15.50	58.2	14.2	196	12.90	94.6
Q013019		0.39	<0.01	0.39	0.77	16	1900	0.47	0.04	24.5	8.02	18.15	2.4	58	1.10	10.8
Q013020		0.27	<0.01	3.58	5.13	122.5	4920	1.57	0.21	0.68	8.93	58.0	8.7	232	14.45	89.5

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Finalized Date: 17- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013181		0.22	0.89	<0.05	0.2	1.5	0.007	0.14	4.2	4.2	0.14	555	5.50	<0.01	0.7	18.8
Q013182		0.13	0.27	<0.05	0.1	0.10	<0.005	0.03	2.9	0.9	0.28	54	0.75	0.01	0.2	9.2
Q013183		0.65	1.50	0.07	0.2	0.1	<0.005	0.23	12.9	2.3	1.11	87	2.02	0.01	0.8	37.1
Q013184		0.17	0.48	<0.05	0.1	0.04	<0.005	0.07	4.4	2.0	2.38	81	0.29	0.01	0.3	5.2
Q013185		6.10	6.35	0.18	1.2	0.43	0.026	0.82	25.7	22.5	0.13	138	9.86	<0.01	4.1	236
Q013186		7.56	4.04	0.13	1.8	0.85	0.014	0.59	20.7	14.0	0.13	289	5.87	<0.01	3.2	205
Q013187		2.63	14.80	0.15	2.6	0.3	0.037	2.02	37.4	14.0	0.31	85	9.38	0.04	10.4	63.9
Q013188		5.83	7.18	0.18	1.6	0.76	0.046	0.93	30.2	13.8	0.12	118	11.70	<0.01	4.8	335
Q013189		3.42	15.45	0.13	2.5	0.2	0.054	2.10	36.7	16.4	0.29	25	7.24	0.06	10.8	29.2
Q013190		4.04	7.68	0.16	1.7	0.20	0.025	1.01	28.1	17.3	0.15	86	10.80	<0.01	5.1	275
Q013191		3.05	8.34	0.13	1.7	0.2	0.036	1.05	31.2	16.2	0.17	76	8.38	0.02	5.9	147.0
Q013192		2.11	13.75	0.13	2.4	0.15	0.044	1.90	33.7	20.7	0.29	36	3.33	0.05	10.5	33.9
Q013193		2.88	8.15	0.13	1.5	0.2	0.028	1.15	28.5	15.8	0.19	116	7.42	0.02	5.5	121.5
Q013194		0.87	0.57	<0.05	0.6	0.03	<0.005	0.08	3.8	7.1	0.21	85	1.46	<0.01	0.5	27.1
Q013195		1.41	14.90	0.15	2.5	0.5	0.033	1.89	32.9	14.4	0.22	18	3.43	0.05	9.4	14.8
Q013196		2.19	14.15	0.11	2.5	0.5	0.036	1.90	30.8	14.6	0.21	21	5.37	0.05	8.6	24.0
Q013197		1.55	15.45	0.14	2.6	0.44	0.033	1.89	33.9	15.0	0.22	18	3.51	0.05	10.0	18.1
Q013198		2.80	14.85	0.15	2.6	0.30	0.040	1.86	33.4	21.6	0.20	24	6.00	0.05	9.5	41.1
Q013199		1.95	15.30	0.13	2.6	0.33	0.041	1.87	33.0	14.7	0.21	24	3.64	0.05	9.2	20.9
Q013200		3.10	11.55	0.13	2.2	0.29	0.041	1.59	29.7	22.4	0.23	55	5.89	0.01	7.4	144.5
Q013001		3.64	8.88	0.13	1.8	0.24	0.025	1.16	28.0	17.2	0.21	103	9.47	<0.01	6.1	227
Q013002		3.44	10.25	0.15	1.8	0.5	0.034	1.39	33.1	15.6	0.21	61	10.25	0.01	7.0	185.5
Q013003		3.55	12.10	0.16	2.2	0.6	0.037	1.65	33.8	15.7	0.25	48	9.45	0.02	7.3	196.0
Q013004		3.64	9.89	0.16	2.0	0.21	0.031	1.27	29.6	18.3	0.23	90	7.62	0.01	6.5	284
Q013005		3.78	13.75	0.14	2.4	0.19	0.043	1.90	35.5	17.5	0.24	51	8.86	0.02	8.6	142.0
Q013006		3.33	12.00	0.13	2.1	0.17	0.041	1.74	29.4	17.8	0.20	54	5.25	0.05	7.7	118.5
Q013007		2.45	13.15	0.12	2.5	0.22	0.035	1.61	30.8	14.6	0.20	63	6.54	0.06	9.0	68.3
Q013008		3.81	14.90	0.16	2.6	0.2	0.051	1.94	38.8	16.7	0.25	69	9.62	0.04	10.3	144.0
Q013009		3.28	13.60	0.15	2.4	0.2	0.045	1.77	32.7	14.8	0.21	35	7.50	0.04	8.4	109.5
Q013010		4.80	11.50	0.15	2.0	0.5	0.043	1.60	35.1	16.9	0.23	57	14.65	0.02	6.9	221
Q013011		5.23	12.30	0.17	2.1	0.4	0.071	1.60	34.6	14.3	0.23	80	14.70	0.02	7.1	198.5
Q013012		1.77	12.55	0.15	2.2	0.2	0.028	1.48	32.3	22.1	0.21	29	12.90	0.03	8.4	37.7
Q013013		1.77	11.95	0.17	2.0	0.32	0.051	1.49	35.5	21.2	0.22	24	24.8	0.04	8.1	41.5
Q013014		1.67	13.85	0.16	2.5	0.35	0.049	1.70	37.4	21.5	0.25	27	25.6	0.05	10.1	22.7
Q013015		8.30	11.85	0.20	2.2	0.42	0.055	1.46	41.9	19.1	0.35	359	23.3	0.01	8.3	525
Q013016		7.27	7.58	0.15	1.5	0.28	0.033	1.01	28.5	13.2	3.00	383	18.15	<0.01	5.4	510
Q013017		5.60	10.10	0.19	2.1	0.65	0.048	1.28	39.5	20.0	0.18	74	15.35	0.01	6.1	312
Q013018		4.08	12.50	0.18	2.1	0.33	0.045	1.53	43.5	16.5	0.23	104	13.15	0.02	8.2	197.0
Q013019		1.19	1.92	0.09	1.1	0.1	0.009	0.25	13.4	6.9	0.74	127	1.90	0.02	1.9	33.7
Q013020		3.22	13.35	0.21	2.2	0.33	0.055	1.57	48.0	14.5	0.26	91	16.35	0.03	8.2	136.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013181		50	81.3	5.3	<0.002	0.01	3.73	1.5	1	0.2	123.5	<0.05	<0.05	0.6	0.020	0.54
Q013182		140	5.3	1.3	0.002	0.01	0.54	0.4	1	<0.2	306	<0.05	<0.05	<0.2	0.005	0.12
Q013183		760	4.8	9.9	<0.002	0.04	2.65	1.8	2	<0.2	301	0.05	<0.05	1.1	0.023	0.77
Q013184		100	0.9	3.0	0.002	0.01	0.18	0.5	1	<0.2	267	<0.05	<0.05	0.3	0.009	0.13
Q013185		3610	10.3	43.3	0.013	0.16	4.15	15.5	25	0.7	216	0.25	0.14	3.7	0.126	0.86
Q013186		2870	9.0	28.6	0.009	0.23	2.51	9.6	16	0.5	205	0.21	0.10	2.8	0.102	1.01
Q013187		860	17.8	110.5	0.028	0.36	2.71	10.5	12	1.5	148.0	0.65	0.22	7.3	0.329	1.81
Q013188		6060	38.4	48.7	0.009	0.19	5.05	12.9	19	0.7	936	0.29	0.21	4.2	0.146	0.89
Q013189		1070	19.7	121.0	0.009	0.72	3.11	9.5	8	1.6	430	0.63	0.29	8.7	0.330	3.36
Q013190		6650	8.7	52.1	0.003	0.17	4.97	9.6	17	0.8	451	0.32	0.27	4.1	0.165	0.65
Q013191		3830	9.5	59.6	0.010	0.18	3.54	9.4	19	0.9	250	0.35	0.27	4.4	0.182	1.11
Q013192		560	15.7	108.0	0.017	0.45	1.93	9.4	7	1.4	141.0	0.63	0.22	7.6	0.314	1.11
Q013193		4430	9.4	60.0	0.011	0.20	3.07	7.4	16	0.9	257	0.36	0.25	4.5	0.192	0.85
Q013194		500	1.3	3.9	0.003	0.19	0.51	1.2	3	<0.2	475	<0.05	<0.05	0.4	0.014	0.13
Q013195		320	16.6	92.6	0.019	0.31	1.46	10.4	3	1.5	101.5	0.59	0.09	7.3	0.318	0.69
Q013196		480	23.3	92.5	0.014	0.41	2.14	9.6	4	1.4	131.0	0.56	0.14	7.2	0.313	0.89
Q013197		330	14.4	98.0	0.022	0.30	1.73	9.7	3	1.5	96.7	0.62	0.11	7.1	0.317	0.74
Q013198		850	30.4	97.5	0.009	0.37	2.70	10.4	4	1.5	207	0.58	0.12	8.0	0.307	0.87
Q013199		400	20.4	99.9	0.018	0.32	1.78	10.9	4	1.6	101.5	0.59	0.12	7.2	0.310	0.74
Q013200		1070	14.0	80.2	0.011	0.22	2.11	12.7	13	1.2	313	0.46	0.08	6.3	0.247	1.17
Q013001		1370	11.5	60.1	0.009	0.19	2.76	9.8	13	0.9	612	0.38	0.07	5.0	0.190	1.01
Q013002		1530	12.4	71.0	0.014	0.18	3.26	9.5	15	1.1	351	0.44	0.09	5.8	0.225	0.91
Q013003		1850	10.8	82.2	0.007	0.13	2.93	12.3	24	1.3	198.0	0.48	0.08	6.6	0.272	0.89
Q013004		2280	12.8	68.7	0.010	0.20	2.37	11.9	20	1.1	502	0.43	0.08	5.4	0.217	0.79
Q013005		1220	32.8	91.6	0.009	0.15	3.00	13.0	8	1.5	203	0.56	0.10	7.1	0.312	0.78
Q013006		1190	35.7	76.0	0.012	0.15	3.10	13.4	10	1.2	190.5	0.50	0.10	6.3	0.278	0.63
Q013007		620	62.8	82.7	0.012	0.14	4.83	12.1	4	1.3	119.0	0.57	0.14	6.5	0.282	0.73
Q013008		1160	22.1	100.0	0.012	0.17	3.48	17.6	12	1.6	197.5	0.61	0.12	7.9	0.318	0.90
Q013009		1080	28.1	85.0	0.013	0.11	3.44	14.1	7	1.3	267	0.54	0.09	6.6	0.277	0.58
Q013010		2460	12.5	79.4	0.022	0.22	3.69	14.1	17	1.1	379	0.44	0.10	6.4	0.254	1.53
Q013011		3990	24.7	80.1	0.025	0.33	4.56	16.6	15	1.2	728	0.47	0.13	6.4	0.245	1.41
Q013012		1320	14.7	78.3	0.015	0.24	7.11	11.3	16	1.3	148.0	0.54	0.17	6.3	0.273	1.57
Q013013		1830	23.2	92.3	0.044	0.32	11.95	11.0	21	1.4	181.0	0.52	0.19	7.0	0.253	3.83
Q013014		2030	19.5	82.0	0.051	0.33	14.70	12.3	20	1.6	174.5	0.63	0.19	8.0	0.303	4.74
Q013015		4680	27.0	80.6	0.011	0.27	5.61	13.2	19	1.3	467	0.53	0.14	7.6	0.231	1.42
Q013016		3130	14.1	52.7	0.005	0.27	2.91	8.8	13	0.8	465	0.35	0.06	5.0	0.153	0.67
Q013017		3930	14.2	72.0	0.029	0.15	4.35	18.3	18	1.1	473	0.41	0.11	6.3	0.189	1.42
Q013018		1230	14.4	93.5	0.010	0.17	2.86	12.4	14	1.3	169.0	0.56	0.10	8.0	0.241	1.59
Q013019		670	3.2	13.6	0.005	0.28	0.74	6.4	4	0.2	1750	0.12	<0.05	1.7	0.044	0.30
Q013020		1630	16.8	98.5	0.015	0.18	3.95	12.4	16	1.5	174.5	0.55	0.12	8.2	0.255	1.56

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Zn- OG62	As- OG62	Hg- CV42
	Analyte	U	V	W	Y	Zn	Zr	Zn	As	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.1
Q013181		2.6	111	1.0	26.0	366	8.3			
Q013182		2.5	63	0.1	5.5	72	3.3			
Q013183		5.5	120	0.1	13.6	426	7.2			
Q013184		2.2	23	<0.1	4.9	56	3.4			
Q013185		10.1	276	0.9	103.0	1050	66.8			
Q013186		5.1	476	0.5	93.9	1120	94.8			
Q013187		4.3	372	1.3	19.5	214	91.5			
Q013188		11.2	362	1.0	101.0	1360	70.1			
Q013189		4.5	313	1.6	16.4	95	88.0			
Q013190		6.2	383	0.9	110.5	1010	89.2			
Q013191		5.5	340	0.9	51.3	532	68.3			
Q013192		4.9	281	1.6	24.6	104	88.8			
Q013193		5.0	359	0.9	37.6	480	61.8			
Q013194		1.2	30	0.1	11.0	122	14.2			
Q013195		3.9	232	1.7	18.6	53	87.0			
Q013196		4.1	234	1.8	15.9	99	86.8			
Q013197		4.1	232	1.8	15.6	62	90.6			
Q013198		4.1	235	3.2	19.4	152	86.1			
Q013199		3.8	232	1.9	18.5	81	92.6			
Q013200		6.0	241	1.2	59.4	675	71.9			
Q013001		5.8	204	0.8	97.1	1140	94.4			
Q013002		5.7	245	0.8	46.6	842	65.3			
Q013003		6.2	256	0.9	59.4	816	72.1			
Q013004		7.0	231	0.9	167.0	1220	82.8			
Q013005		7.1	255	1.3	37.1	675	88.2			
Q013006		5.6	266	1.4	33.3	589	77.1			
Q013007		3.8	231	1.4	20.0	288	84.1			
Q013008		7.7	270	1.4	41.2	536	98.1			
Q013009		5.2	264	1.4	27.9	536	83.6			
Q013010		10.9	326	0.9	66.0	1090	77.2			
Q013011		21.9	354	1.2	64.7	1220	78.4			
Q013012		10.9	399	1.6	17.6	161	83.5			
Q013013		14.9	668	1.2	18.0	110	82.2			
Q013014		13.7	493	1.6	21.0	59	93.8			
Q013015		17.7	381	1.2	249	3550	97.2			
Q013016		11.5	240	0.8	228	3580	66.2			
Q013017		13.7	333	0.8	109.5	1790	99.8			
Q013018		8.5	249	1.0	68.9	1150	82.8			
Q013019		3.6	168	0.2	46.9	153	59.9			
Q013020		13.8	297	1.0	58.2	470	85.1			

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013021		0.33	0.01	5.34	4.11	169.5	2390	1.67	0.18	1.68	9.54	37.9	7.8	324	7.63	246
Q013022		0.17	<0.01	5.87	4.29	275	1770	2.04	0.28	0.74	4.48	49.7	2.9	362	7.34	140.5
Q013023		0.30	0.01	4.23	4.75	114.0	1890	1.47	0.23	0.42	2.04	53.0	1.2	259	8.73	87.5
Q013024		0.59	<0.01	4.22	2.71	83.6	2950	0.91	0.16	0.20	0.72	23.2	0.9	145	4.71	43.5
Q013025		0.13	0.01	4.86	4.25	151.0	3820	2.27	0.19	1.86	6.34	37.6	16.7	332	7.88	362
Q013026		0.23	0.01	0.91	2.60	246	1340	1.42	0.12	0.23	1.75	26.5	11.3	73	5.41	42.8
Q013027		0.39	<0.01	0.27	0.60	33	5520	0.33	0.03	22.3	26.9	11.05	10.5	30	0.85	16.3

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CERTIFICATE OF ANALYSIS WH13136077

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013021	4.19	10.20	0.20	1.7	0.44	0.058	1.22	41.3	12.9	0.20	51	29.1	0.02	5.3	226
Q013022	4.19	12.80	0.22	1.9	0.54	0.124	1.40	40.6	28.6	0.17	35	30.9	0.03	7.0	97.4
Q013023	2.08	13.40	0.19	2.2	0.48	0.066	1.67	38.3	19.6	0.25	28	18.85	0.04	8.8	42.6
Q013024	1.69	7.15	0.12	1.1	0.25	0.039	0.93	15.1	25.0	0.13	27	11.10	0.02	4.1	45.7
Q013025	5.64	10.40	0.21	1.8	0.45	0.051	1.11	50.7	13.6	0.19	93	31.7	0.01	5.4	408
Q013026	7.32	8.54	0.19	1.1	0.14	0.066	0.94	18.5	7.0	0.14	53	32.9	0.02	4.0	210
Q013027	2.11	1.42	0.07	0.7	0.1	0.008	0.19	7.8	7.3	0.18	224	5.09	<0.01	1.1	123.5

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CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013021		9230	30.9	67.8	0.043	0.38	7.01	13.1	27	1.1	367	0.34	0.10	6.0	0.187	1.58
Q013022		9090	67.5	82.4	0.039	0.34	10.95	24.6	27	1.4	458	0.45	0.34	7.2	0.205	2.58
Q013023		2940	20.8	98.1	0.021	0.33	10.65	16.3	23	1.5	350	0.58	0.20	8.2	0.277	3.57
Q013024		2320	12.8	54.2	0.112	0.28	6.90	6.6	19	0.8	185.5	0.26	0.22	4.3	0.127	1.28
Q013025		9850	18.7	65.8	0.041	0.23	7.98	12.5	28	1.0	281	0.34	0.13	5.9	0.185	1.19
Q013026		4450	10.6	57.6	0.015	0.31	8.45	13.9	42	0.9	287	0.25	0.24	3.2	0.119	3.50
Q013027		390	4.3	10.1	0.007	0.19	0.87	5.5	7	0.2	1110	0.07	<0.05	1.4	0.026	0.19

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Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q013021		28.0	297	0.9	88.8	918	73.2			
Q013022		50.9	582	1.6	71.8	457	79.6			
Q013023		30.9	748	1.6	33.4	152	86.0			
Q013024		15.4	461	0.8	22.0	176	41.1			
Q013025		33.7	313	0.9	102.5	1820	84.6			
Q013026		14.0	319	0.8	21.5	2100	68.2			
Q013027		4.1	72	0.2	64.5	812	42.0			

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
As-OG62	Au-AA26	Hg-CV41	Hg-CV42
ME-MS61	ME-OG62	Zn-OG62	

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VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

CERTIFICATE WH13136077

Project: Nadaleen

P.O. No.: AnEx-3

This report is for 127 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q013101		0.22	0.01	0.50	6.38	195.5	1680	1.70	0.24	4.10	2.36	65.2	11.6	72	7.01	50.6
Q013102		0.25	<0.01	0.68	5.50	261	1580	1.66	0.23	5.97	3.38	65.6	11.2	64	7.31	46.8
Q013103		0.38	<0.01	0.53	5.73	336	1340	1.73	0.23	7.96	3.68	65.6	11.9	60	6.92	42.3
Q013104		0.27	<0.01	0.64	4.98	461	790	1.64	0.19	11.00	5.60	59.3	11.0	51	7.67	34.2
Q013105		0.22	0.01	1.02	5.10	272	550	1.72	0.17	12.00	6.46	51.7	10.2	68	9.41	42.8
Q013106		0.17	<0.01	0.23	7.53	81.6	640	2.39	0.32	4.53	2.78	84.1	18.7	62	7.60	54.2
Q013107		0.15	0.01	3.48	4.41	70.4	890	1.93	0.17	6.53	13.00	60.7	7.6	205	12.95	84.0
Q013108		0.15	0.01	0.84	5.88	197.5	540	1.76	0.22	5.27	5.30	66.8	13.9	65	7.19	47.1
Q013109		0.26	<0.01	0.56	5.23	144.5	480	1.67	0.21	9.37	4.08	57.1	12.0	53	6.63	37.1
Q013110		0.29	0.01	1.61	5.06	2530	2740	2.34	0.20	0.87	14.70	54.1	13.1	111	11.80	83.8
Q013111		0.45	0.01	1.68	4.63	2550	2110	2.48	0.17	5.79	23.3	50.5	13.4	96	10.90	68.4
Q013112		0.47	0.01	0.83	6.13	1390	1520	2.04	0.25	7.16	12.30	64.7	16.2	71	8.18	49.2
Q013113		0.29	0.01	1.69	5.21	2150	2930	2.44	0.21	0.85	14.40	54.9	12.0	107	11.80	85.2
Q013114		0.37	<0.01	0.30	5.68	315	1230	1.72	0.23	9.36	1.58	62.7	12.7	47	5.56	34.6
Q013115		0.37	0.01	1.20	6.34	1005	3590	2.12	0.26	2.40	5.69	66.1	12.9	113	11.45	74.5
Q013116		0.23	<0.01	0.65	7.90	169.0	1100	2.36	0.31	3.58	4.58	85.5	17.5	78	9.08	62.9
Q013117		0.23	0.14	2.83	6.43	3050	510	3.34	0.19	3.95	191.5	100.0	18.4	133	21.8	59.2
Q013118		0.25	<0.01	0.44	5.54	124	820	1.51	0.22	11.65	4.99	63.9	12.0	51	5.99	34.8
Q013119		0.28	0.01	1.37	1.41	3980	270	1.67	0.07	10.85	54.4	26.1	7.5	79	3.56	78.9
Q013120		0.30	<0.01	0.21	5.61	119	1070	1.49	0.23	10.65	1.32	62.4	12.8	43	6.31	39.5
Q013121		0.32	0.03	0.82	4.96	832	1220	1.64	0.19	8.58	8.44	59.2	12.7	62	6.15	49.3
Q013122		0.25	0.01	0.40	4.90	104	730	1.44	0.19	11.35	2.69	55.4	11.1	44	5.41	36.6
Q013123		0.16	0.02	1.39	8.53	48.8	680	2.69	0.28	0.71	2.49	85.9	2.9	108	20.3	77.6
Q013124		0.22	0.01	0.49	4.17	73	630	1.18	0.14	15.75	3.10	46.7	9.3	42	4.30	30.7
Q013125		0.16	0.01	0.83	4.58	446	500	1.63	0.13	2.46	15.90	53.4	6.0	58	9.30	29.6
Q013126		0.30	0.01	0.64	6.07	565	940	1.70	0.23	2.76	5.54	71.8	16.1	74	6.16	61.2
Q013127		0.26	0.01	1.27	8.49	140.0	710	2.43	0.23	0.36	4.35	86.4	2.3	106	20.6	50.1
Q013128		0.13	0.01	0.89	7.92	911	590	3.18	0.22	0.23	40.1	86.0	6.5	105	19.30	66.4
Q013129		0.14	0.01	1.37	8.72	313	710	2.92	0.27	0.31	12.95	93.5	2.5	115	21.6	75.1
Q013130		0.23	0.01	0.06	5.24	29	400	1.88	0.15	12.65	0.74	54.3	11.2	53	13.25	17.9
Q013131		0.22	0.01	0.73	5.22	88	580	1.33	0.15	12.30	5.64	43.0	8.9	51	5.72	27.2
Q013132		0.23	<0.01	0.72	5.28	98	570	1.62	0.17	11.80	5.63	42.3	9.4	52	6.22	29.0
Q013133		0.15	0.01	0.74	5.75	107.5	730	1.70	0.19	4.89	3.95	58.9	11.8	69	6.41	35.6
Q013134		0.27	0.01	0.86	6.23	439	710	1.84	0.23	6.38	7.21	67.6	15.9	75	6.98	54.7
Q013135		0.26	0.01	1.15	7.20	572	710	1.93	0.26	1.93	4.76	67.9	24.5	85	6.13	99.2
Q013136		0.24	0.01	1.24	5.94	1260	950	2.41	0.22	0.63	12.40	71.4	19.5	89	6.95	66.8
Q013137		0.23	0.02	0.87	5.73	1055	970	1.94	0.20	2.97	8.94	59.4	14.4	79	8.11	65.8
Q013138		0.55	<0.01	0.10	0.10	19	70	0.14	0.02	35.4	0.91	1.54	0.5	<1	0.20	2.8
Q013139		0.25	0.02	0.90	6.52	703	900	1.83	0.25	4.59	7.49	72.3	17.9	177	7.61	96.6
Q013140		0.23	<0.01	0.84	5.68	326	1220	1.90	0.20	8.51	7.68	65.8	13.4	69	7.06	48.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 17-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q013101		3.96	14.75	0.15	2.3	0.40	0.038	2.29	34.9	32.7	2.15	763	2.99	0.29	12.2	46.6
Q013102		3.43	14.50	0.14	2.3	0.37	0.038	2.06	35.6	31.2	1.86	556	3.92	0.21	12.4	56.7
Q013103		3.41	14.90	0.14	2.7	0.37	0.042	2.20	35.9	29.8	2.12	568	4.17	0.20	12.0	58.6
Q013104		3.00	13.05	0.12	1.9	0.6	0.035	1.97	33.7	26.4	2.67	541	5.28	0.18	8.8	69.7
Q013105		2.68	14.20	0.16	2.1	0.52	0.053	2.43	34.8	21.1	3.44	261	11.35	0.09	9.0	72.9
Q013106		4.75	21.1	0.17	3.1	0.39	0.069	2.45	44.0	53.8	3.16	925	1.57	0.37	13.6	39.6
Q013107		1.94	11.85	0.16	2.0	0.30	0.044	2.30	48.2	20.4	0.66	114	9.82	0.05	8.1	100.0
Q013108		4.06	16.20	0.17	2.7	0.41	0.050	2.30	38.4	33.6	2.89	636	6.76	0.24	11.5	56.7
Q013109		3.94	14.50	0.16	2.2	0.33	0.044	2.15	33.6	27.1	4.51	615	7.07	0.19	9.9	50.0
Q013110		3.92	12.65	0.20	2.3	1.07	0.045	1.62	38.3	22.1	0.38	249	16.65	0.10	11.4	200
Q013111		4.11	11.90	0.16	2.1	1.19	0.048	1.56	35.6	20.1	0.76	275	21.0	0.13	10.8	252
Q013112		4.29	15.25	0.15	2.6	0.82	0.046	2.10	38.8	34.0	2.57	668	9.92	0.23	10.8	143.0
Q013113		3.86	13.70	0.15	2.4	1.07	0.049	1.73	38.2	22.2	0.43	258	15.40	0.09	12.4	176.5
Q013114		3.52	15.20	0.16	2.4	0.22	0.049	2.02	34.4	36.1	3.12	687	2.33	0.24	10.3	35.2
Q013115		4.17	16.85	0.15	2.8	0.70	0.064	2.22	39.2	35.3	0.99	432	9.33	0.22	13.7	95.6
Q013116		4.81	20.8	0.18	3.5	0.63	0.071	2.76	47.3	45.5	2.09	950	4.62	0.33	13.8	69.1
Q013117		4.01	19.40	0.30	2.7	1.22	0.052	2.86	67.8	32.3	2.22	360	10.10	0.05	11.7	303
Q013118		3.32	14.55	0.15	2.2	0.44	0.045	2.01	35.9	31.6	3.95	722	5.69	0.23	9.7	46.0
Q013119		5.06	3.78	0.14	0.7	1.37	0.012	0.59	32.6	5.7	4.15	256	11.80	0.02	2.4	452
Q013120		3.91	14.65	0.14	2.6	0.39	0.053	1.99	32.7	29.2	4.28	894	1.85	0.27	9.7	29.9
Q013121		3.67	12.90	0.15	2.4	0.67	0.051	1.66	34.7	26.3	2.28	573	8.20	0.38	11.1	88.9
Q013122		3.14	13.05	0.13	2.2	0.26	0.046	1.84	30.9	29.3	3.43	677	4.44	0.24	9.4	40.3
Q013123		1.33	26.5	0.22	3.6	0.39	0.049	4.15	61.2	37.0	1.04	51	6.72	0.07	14.5	35.1
Q013124		2.56	11.00	0.14	1.8	0.24	0.040	1.55	27.6	21.7	1.70	368	4.39	0.27	8.0	38.4
Q013125		4.07	12.90	0.17	1.8	0.19	0.055	1.99	39.9	22.0	0.78	130	37.3	0.08	7.3	118.5
Q013126		4.32	14.95	0.16	2.9	0.53	0.056	1.95	40.2	32.6	1.24	671	7.03	0.68	15.0	85.1
Q013127		2.30	24.0	0.19	3.3	0.33	0.048	4.14	62.3	37.0	0.97	42	16.10	0.07	12.8	26.2
Q013128		7.68	23.2	0.24	3.0	0.26	0.084	3.63	64.9	32.9	0.81	44	44.4	0.05	10.6	123.5
Q013129		3.15	26.2	0.21	3.5	0.31	0.060	4.26	64.7	38.5	0.99	31	28.1	0.06	13.7	40.2
Q013130		2.52	13.85	0.12	2.2	0.23	0.051	2.66	31.5	19.8	4.14	156	4.99	0.05	8.1	41.4
Q013131		2.81	13.45	0.14	2.2	0.12	0.049	2.60	29.1	16.6	3.64	230	5.26	0.09	8.4	45.5
Q013132		2.93	14.40	0.13	2.1	0.17	0.046	2.63	29.0	17.1	3.85	241	5.09	0.09	9.0	49.1
Q013133		3.52	15.25	0.14	2.5	0.19	0.048	2.43	35.5	25.7	1.31	542	5.44	0.21	11.9	48.8
Q013134		4.21	15.75	0.18	2.7	0.62	0.054	2.20	38.9	34.0	1.43	659	9.15	0.40	11.5	82.4
Q013135		6.19	18.85	0.17	2.9	0.74	0.072	2.12	35.8	48.5	1.57	782	5.31	0.57	11.6	89.3
Q013136		4.90	14.45	0.17	2.7	0.70	0.049	1.91	43.0	32.8	0.67	715	16.05	0.40	14.0	161.0
Q013137		4.27	13.95	0.15	2.4	1.03	0.051	1.88	37.4	29.8	2.00	755	9.28	0.41	11.0	117.0
Q013138		0.08	0.29	0.08	0.1	<0.1	<0.005	0.04	1.8	1.2	0.19	34	0.37	0.01	0.2	2.8
Q013139		4.76	16.40	0.17	2.9	1.10	0.057	2.09	51.2	35.9	1.34	666	12.40	0.45	11.3	132.0
Q013140		3.59	15.50	0.17	2.5	0.42	0.046	2.21	39.6	30.2	2.50	538	12.30	0.27	11.1	81.4

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013101		1020	40.4	96.6	<0.002	0.05	2.17	11.4	2	1.6	135.0	0.82	0.05	10.3	0.367	1.50
Q013102		950	36.8	97.8	0.003	0.05	3.04	10.7	2	1.7	166.0	0.82	0.09	10.2	0.320	1.79
Q013103		730	40.1	103.0	<0.002	0.04	3.12	10.8	3	1.8	265	0.80	0.09	10.7	0.319	1.92
Q013104		850	37.1	91.5	<0.002	0.02	4.22	9.3	3	1.5	195.5	0.62	0.05	8.0	0.266	4.64
Q013105		690	23.3	107.0	0.003	0.04	10.05	9.7	5	1.8	186.5	0.60	0.05	7.1	0.288	2.42
Q013106		700	50.9	119.5	0.003	0.02	1.73	15.6	1	2.4	106.0	0.94	0.05	13.1	0.421	1.46
Q013107		2760	13.0	98.9	0.008	0.10	11.40	8.9	6	1.6	149.0	0.56	0.12	6.3	0.241	2.35
Q013108		1010	88.8	105.5	0.003	0.04	6.63	12.0	2	1.8	98.2	0.79	0.07	9.4	0.358	2.30
Q013109		630	44.4	96.0	0.002	0.04	6.17	10.2	2	1.7	110.0	0.67	<0.05	7.9	0.310	1.68
Q013110		1440	114.5	84.5	0.006	0.15	9.68	10.1	7	1.4	185.0	0.72	0.14	6.9	0.278	4.93
Q013111		1570	125.0	77.1	0.008	0.13	12.55	9.4	6	1.4	261	0.68	0.10	6.6	0.270	6.96
Q013112		1170	95.5	93.5	0.005	0.07	6.06	10.9	4	1.7	199.5	0.76	0.07	9.5	0.330	5.17
Q013113		1490	114.5	87.4	0.007	0.14	9.28	10.4	8	1.5	183.0	0.78	0.12	7.3	0.294	4.84
Q013114		780	30.7	93.7	0.004	0.04	1.74	10.7	2	1.7	226	0.73	0.06	9.5	0.313	1.77
Q013115		1720	58.2	103.5	0.009	0.19	6.75	13.6	3	1.9	241	0.88	0.12	9.7	0.387	3.52
Q013116		1010	55.1	128.5	0.002	0.04	4.10	15.5	3	2.4	117.5	0.99	0.09	12.9	0.430	1.95
Q013117		2710	17.6	121.5	0.003	0.03	38.5	14.1	32	2.0	74.6	0.77	0.09	10.0	0.350	36.0
Q013118		720	45.1	91.0	0.002	0.03	4.51	9.9	2	1.8	211	0.69	<0.05	9.0	0.299	1.94
Q013119		1860	7.7	24.4	0.004	0.05	34.2	6.5	9	0.4	179.5	0.14	0.05	2.0	0.071	9.21
Q013120		650	45.0	82.9	0.003	0.05	1.50	11.6	2	1.6	151.0	0.68	<0.05	9.2	0.334	1.51
Q013121		1090	80.7	75.8	0.003	0.06	5.69	10.1	3	1.5	258	0.75	<0.05	8.0	0.319	2.74
Q013122		760	29.7	80.9	0.004	0.03	3.81	9.3	2	1.5	239	0.66	0.05	8.1	0.291	1.17
Q013123		340	7.9	198.0	0.003	0.03	15.80	11.7	5	2.9	89.3	1.01	0.06	10.8	0.487	2.39
Q013124		700	24.9	71.9	0.004	0.03	3.81	8.7	2	1.3	476	0.54	0.05	6.2	0.277	0.91
Q013125		520	15.9	94.0	0.005	0.10	18.80	7.5	7	1.6	106.0	0.50	<0.05	7.4	0.245	2.04
Q013126		1380	63.4	84.9	0.002	0.03	5.17	12.8	3	1.7	188.0	0.99	0.06	10.3	0.430	2.02
Q013127		480	23.4	197.0	0.003	0.36	15.45	11.2	6	2.6	135.5	0.88	0.06	9.5	0.451	4.24
Q013128		860	15.2	177.5	0.003	0.16	27.7	11.9	14	2.3	100.0	0.74	0.08	10.2	0.364	3.28
Q013129		510	13.3	201	0.003	0.27	35.4	12.1	15	2.9	108.5	0.97	0.06	8.7	0.469	3.71
Q013130		560	9.8	126.0	0.003	0.02	4.03	9.1	1	1.7	157.5	0.55	0.06	7.3	0.286	1.56
Q013131		600	13.0	106.0	0.003	0.01	5.43	9.3	2	1.7	177.5	0.59	<0.05	7.0	0.302	1.42
Q013132		500	13.3	110.0	0.004	0.01	5.45	9.8	2	1.8	171.0	0.61	0.05	7.4	0.307	1.57
Q013133		1960	26.7	106.5	0.002	0.03	4.84	10.5	3	1.8	118.5	0.81	0.06	8.7	0.364	1.33
Q013134		1110	84.1	98.0	0.004	0.04	6.24	12.8	4	1.8	165.5	0.79	0.06	9.4	0.395	2.31
Q013135		970	53.3	93.5	0.004	0.08	4.06	19.2	3	2.1	105.5	0.81	0.09	9.1	0.521	2.34
Q013136		1700	102.0	85.9	0.004	0.05	8.59	13.3	6	1.7	146.5	0.89	0.11	9.7	0.391	3.94
Q013137		1200	103.0	79.3	0.003	0.06	5.65	11.5	4	1.6	176.0	0.74	0.08	8.6	0.344	3.48
Q013138		80	1.7	1.7	0.002	<0.01	0.20	0.3	1	<0.2	222	<0.05	<0.05	0.2	0.006	0.11
Q013139		4050	64.7	89.2	0.004	0.08	7.54	14.8	7	1.8	193.5	0.76	0.14	9.1	0.413	3.08
Q013140		1040	89.3	101.5	0.003	0.05	7.83	11.1	5	1.8	177.0	0.75	<0.05	9.0	0.336	2.20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q013101		3.4	207	1.2	22.1	293	80.7			
Q013102		3.6	222	1.2	24.6	361	97.0			
Q013103		3.8	220	1.2	23.1	383	83.8			
Q013104		3.8	274	1.1	21.8	635	69.9			
Q013105		6.2	631	1.9	24.8	575	76.6			
Q013106		3.5	133	1.7	22.1	563	107.0			
Q013107		8.7	1760	1.0	62.4	610	81.7			
Q013108		4.3	310	1.6	27.5	466	95.3			
Q013109		4.2	239	1.4	18.9	357	78.5			
Q013110		6.8	688	1.8	52.3	1190	85.6			
Q013111		8.0	690	1.9	51.5	1520	81.0			
Q013112		5.2	408	1.6	50.8	987	84.8			
Q013113		6.8	670	1.9	46.8	1070	90.5			
Q013114		3.3	154	1.2	19.1	217	80.6			
Q013115		5.6	449	1.9	32.6	509	105.5			
Q013116		4.2	296	1.7	31.5	410	112.5			
Q013117		8.6	1520	2.6	69.1	3130	102.5			
Q013118		3.9	273	1.2	20.5	448	77.1			
Q013119		3.5	1360	1.0	41.5	4080	34.8			
Q013120		3.3	123	1.3	17.9	223	82.2			
Q013121		4.3	339	1.4	31.0	604	84.7			
Q013122		3.7	246	1.1	20.1	325	77.5			
Q013123		7.7	977	3.8	35.4	187	129.0			
Q013124		3.4	245	1.0	18.6	247	67.5			
Q013125		6.3	590	1.9	22.3	1150	63.7			
Q013126		4.2	302	1.6	31.2	520	104.5			
Q013127		6.2	891	3.3	33.8	172	119.5			
Q013128		10.8	1400	3.6	40.6	1560	106.0			
Q013129		8.1	1120	4.2	36.4	312	128.0			
Q013130		4.5	66	1.2	18.7	82	68.1			
Q013131		3.9	301	1.1	20.9	291	68.1			
Q013132		3.8	283	1.1	20.5	295	72.2			
Q013133		4.3	345	1.3	25.8	339	86.9			
Q013134		4.5	415	1.4	33.2	589	94.1			
Q013135		3.3	331	1.3	30.7	470	102.0			
Q013136		5.7	492	1.7	43.4	1060	95.4			
Q013137		4.4	429	1.6	35.9	749	87.2			
Q013138		0.5	15	<0.1	2.2	27	3.1			
Q013139		8.0	446	1.5	54.1	760	108.0			
Q013140		5.6	512	1.4	29.7	600	88.3			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013141		0.25	<0.01	0.74	4.85	204	1160	1.73	0.18	11.55	8.23	54.5	11.5	68	6.32	45.6
Q013142		0.25	<0.01	1.32	2.89	410	330	1.03	0.10	14.60	14.30	28.8	11.5	44	5.90	22.8
Q013143		0.14	<0.01	3.94	4.75	333	1010	1.67	0.19	7.31	7.00	53.1	11.4	159	7.18	70.5
Q013144		0.22	<0.01	2.16	6.16	1050	610	2.05	0.18	5.60	18.00	75.1	18.1	112	13.15	50.1
Q013145		0.11	<0.01	1.63	5.48	804	460	1.73	0.16	8.81	21.1	62.1	23.2	96	9.66	47.9
Q013146		0.21	<0.01	1.85	5.29	1180	490	1.89	0.16	7.70	30.1	75.9	16.1	90	12.55	41.0
Q013147		0.21	<0.01	0.82	5.20	339	900	1.74	0.19	9.17	8.47	59.2	13.1	73	7.08	46.5
Q013148		0.17	<0.01	0.52	7.17	823	490	3.31	0.25	5.77	4.12	51.3	14.8	117	42.6	41.8
Q013149		0.25	<0.01	0.90	4.98	676	550	1.99	0.19	12.15	7.86	56.0	13.2	77	14.05	43.5
Q013150		0.21	<0.01	0.49	8.15	1000	510	3.49	0.30	5.11	3.75	57.2	19.1	126	47.8	42.4
Q013151		0.21	<0.01	0.36	6.89	751	360	2.81	0.20	12.40	4.07	59.5	14.8	86	35.4	34.2
Q013152		0.26	<0.01	0.06	0.48	63	110	0.29	0.03	36.7	1.77	6.40	1.4	7	2.30	6.7
Q013153		0.23	<0.01	0.91	4.70	679	540	1.86	0.16	13.10	8.22	50.7	11.9	75	14.30	42.6
Q013154		0.12	<0.01	0.57	6.34	216	700	2.12	0.25	5.59	3.81	72.9	15.6	79	9.83	52.5
Q013155		0.21	<0.01	0.83	6.40	148.0	690	2.26	0.23	7.49	6.22	71.8	14.1	84	12.15	50.5
Q013156		0.25	<0.01	0.19	2.29	181	220	0.93	0.10	20.8	2.06	27.7	5.8	29	4.88	14.8
Q013157		0.14	<0.01	0.78	5.34	124.5	600	2.02	0.19	9.89	8.07	61.5	11.8	85	12.70	46.0
Q013158		0.16	<0.01	5.23	6.35	547	410	2.95	0.21	7.81	9.33	95.0	15.7	100	18.75	49.9
Q013159		0.14	<0.01	2.32	5.00	493	330	2.69	0.18	16.95	15.40	55.3	13.8	77	18.75	31.4
Q013160		0.16	<0.01	2.11	4.10	426	270	2.32	0.13	17.55	16.25	60.3	12.5	66	12.90	36.9
Q013161		0.11	<0.01	7.60	7.06	734	610	3.77	0.31	1.79	22.5	102.0	16.4	201	27.5	163.5
Q013162		0.14	<0.01	2.08	3.20	283	240	2.03	0.12	23.0	16.15	49.5	5.1	68	10.75	34.9
Q013163		0.21	<0.01	2.56	6.74	1625	650	3.06	0.22	3.99	40.4	79.0	39.6	98	19.95	59.8
Q013164		0.19	<0.01	0.17	3.09	129	410	1.35	0.09	14.80	4.13	37.0	5.9	42	6.04	18.2
Q013165		0.27	<0.01	0.34	4.74	87	850	1.97	0.17	10.25	4.82	57.7	9.5	77	10.80	35.9
Q013166		0.26	<0.01	0.74	4.15	215	530	1.53	0.16	16.50	8.91	49.6	9.6	64	6.88	42.9
Q013167		0.21	<0.01	0.48	6.01	94.9	590	1.87	0.22	4.07	2.59	68.7	16.6	76	7.08	68.2
Q013168		0.17	<0.01	1.44	0.75	287	180	0.42	0.05	33.1	71.1	17.70	9.3	35	2.23	36.3
Q013169		0.22	<0.01	1.90	1.53	588	490	0.60	0.09	26.8	26.7	40.5	3.3	87	3.73	76.3
Q013170		0.25	<0.01	1.33	2.60	521	250	1.34	0.27	17.00	45.5	79.5	8.8	99	8.19	133.0
Q013171		0.20	<0.01	1.32	1.43	609	380	0.73	0.11	30.7	14.45	37.1	3.8	90	3.92	92.4
Q013172		0.18	<0.01	1.02	2.21	8010	950	3.76	0.09	8.68	208	48.7	77.0	118	7.04	212
Q013173		0.14	<0.01	1.53	2.93	3660	480	2.49	0.13	10.55	104.5	70.9	17.6	179	13.40	104.0
Q013174		0.28	<0.01	2.54	2.59	6470	620	2.65	0.11	3.61	193.5	68.7	20.7	224	9.36	125.5
Q013175		0.40	<0.01	4.24	0.26	257	2230	0.24	0.02	5.41	10.80	4.96	1.4	21	1.67	14.9
Q013176		0.28	<0.01	1.48	4.88	>10000	1060	5.57	0.20	5.17	300	72.9	28.3	254	34.0	170.0
Q013177		0.14	0.01	2.92	3.92	>10000	4680	4.01	0.14	1.56	255	54.6	37.2	228	28.4	126.5
Q013178		0.22	0.09	5.97	7.47	4060	1670	2.82	0.27	0.56	386	124.5	78.5	108	18.65	151.0
Q013179		0.23	0.63	14.25	5.12	1020	1100	1.68	0.20	0.47	42.3	75.1	10.1	136	16.15	221
Q013180		0.27	0.02	1.37	4.82	1910	2690	1.99	0.17	0.63	14.25	48.4	10.5	106	9.06	75.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q013141		2.87	12.80	0.13	1.9	0.48	0.050	1.98	32.8	23.9	3.25	410	12.90	0.18	9.2	94.5
Q013142		1.40	7.44	0.10	1.1	0.60	0.027	1.33	22.6	9.6	6.13	133	43.8	0.03	4.5	394
Q013143		3.00	12.65	0.17	2.1	0.57	0.046	1.82	37.9	23.3	1.53	359	19.90	0.19	9.8	150.5
Q013144		2.79	17.15	0.20	2.5	0.97	0.065	2.86	58.7	15.9	2.92	89	82.0	0.04	10.3	841
Q013145		2.34	15.10	0.16	2.1	0.61	0.057	2.54	46.5	13.3	4.61	121	62.9	0.04	8.9	660
Q013146		2.71	14.35	0.19	2.2	0.73	0.052	2.46	63.2	15.1	4.00	103	78.8	0.04	9.0	764
Q013147		3.17	13.70	0.13	2.2	0.44	0.049	2.11	35.9	25.9	2.54	414	18.15	0.19	10.4	165.5
Q013148		3.40	22.3	0.30	2.7	0.22	0.086	3.84	28.1	34.9	1.63	144	33.3	0.08	13.1	291
Q013149		2.88	13.35	0.18	2.0	0.54	0.052	2.03	35.9	22.7	2.82	333	23.0	0.17	9.2	183.0
Q013150		3.92	23.9	0.31	3.0	0.38	0.096	4.24	30.6	36.8	1.10	149	37.0	0.07	14.8	334
Q013151		2.83	17.65	0.21	2.2	0.51	0.076	3.18	34.1	28.0	1.78	156	41.8	0.05	10.5	274
Q013152		0.25	1.27	0.08	0.2	0.07	<0.005	0.22	4.9	2.5	0.41	74	2.57	0.01	0.8	21.9
Q013153		2.71	12.15	0.18	1.8	0.52	0.047	1.95	32.0	20.3	2.62	311	22.0	0.18	8.7	172.5
Q013154		4.28	16.55	0.16	2.7	0.31	0.060	2.23	42.3	33.6	1.85	614	12.75	0.30	12.9	102.0
Q013155		3.45	17.15	0.16	2.6	0.50	0.063	2.70	43.5	30.6	2.30	464	16.85	0.17	11.6	109.0
Q013156		1.56	5.88	0.09	0.9	0.09	0.024	1.08	20.0	12.0	3.69	167	15.05	0.03	3.7	87.5
Q013157		2.99	14.60	0.16	2.2	0.30	0.051	2.27	37.2	25.1	3.24	366	30.7	0.15	10.2	122.0
Q013158		3.37	15.70	0.19	2.7	2.60	0.037	2.87	64.5	19.2	1.19	179	121.0	0.04	12.2	348
Q013159		2.38	13.35	0.28	2.1	0.59	0.040	2.30	40.4	15.1	0.76	339	94.0	0.03	9.6	246
Q013160		2.11	11.35	0.22	1.7	0.39	0.028	1.86	42.3	13.8	0.73	370	72.8	0.03	7.4	244
Q013161		3.89	19.40	0.76	3.3	1.03	0.070	3.19	79.1	27.4	0.68	127	161.5	0.05	14.0	483
Q013162		1.44	8.73	0.13	1.4	0.72	0.027	1.42	36.1	11.4	0.68	356	47.0	0.02	5.8	160.5
Q013163		3.57	16.90	0.21	2.8	1.31	0.061	3.04	48.7	28.5	2.41	507	46.1	0.05	12.3	435
Q013164		1.42	7.52	0.09	1.1	0.12	0.017	1.44	22.5	11.5	7.97	175	24.6	0.03	5.3	69.9
Q013165		2.47	12.85	0.14	1.9	0.26	0.044	2.37	35.2	17.0	5.43	146	48.5	0.04	9.0	121.5
Q013166		2.44	11.20	0.12	1.7	0.27	0.044	1.61	30.2	22.4	2.03	299	9.50	0.13	9.3	100.5
Q013167		4.50	15.95	0.14	2.7	0.23	0.062	2.16	36.1	36.0	1.75	582	5.76	0.37	18.1	58.3
Q013168		0.35	2.46	0.09	0.5	1.52	0.010	0.31	19.3	2.7	0.60	136	11.00	0.01	1.6	235
Q013169		0.71	4.68	0.17	0.9	2.30	0.017	0.60	47.1	5.1	1.37	88	8.54	0.01	2.8	119.5
Q013170		1.18	7.33	0.23	1.6	1.43	0.034	1.13	87.6	10.1	8.89	164	128.0	0.03	6.2	292
Q013171		0.97	4.64	0.18	0.9	1.92	0.019	0.61	41.8	5.3	0.88	105	17.00	0.01	3.2	159.5
Q013172		9.26	6.36	0.14	1.1	6.0	0.025	0.87	57.2	8.8	4.13	1760	25.1	0.02	3.5	1130
Q013173		4.51	8.87	0.20	1.3	2.68	0.029	1.17	89.9	12.6	3.82	536	10.70	0.03	4.4	642
Q013174		6.35	8.54	0.18	1.3	3.02	0.029	1.04	89.9	9.1	1.42	438	11.30	0.02	3.8	818
Q013175		0.40	0.67	<0.05	0.1	0.45	<0.005	0.10	6.1	1.8	0.71	55	0.68	0.01	0.4	26.1
Q013176		11.05	14.55	0.19	1.9	2.65	0.048	1.75	83.3	22.0	1.12	782	33.0	0.06	5.7	1740
Q013177		9.76	13.20	0.17	1.3	1.90	0.030	1.40	66.4	20.0	0.54	947	19.55	0.03	3.2	1615
Q013178		3.88	17.85	0.25	3.0	25.7	0.045	3.00	98.3	25.9	0.58	766	7.77	0.04	13.2	329
Q013179		1.01	14.35	0.28	2.4	>100	0.033	2.16	70.5	20.2	0.40	88	41.6	0.03	10.1	73.4
Q013180		3.55	10.65	0.13	2.0	2.3	0.034	1.49	32.9	21.2	0.39	279	13.80	0.11	10.9	192.5

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Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013141		960	46.1	90.3	0.003	0.05	7.55	9.7	4	1.6	181.0	0.62	0.05	7.7	0.264	1.83
Q013142		2110	21.7	55.4	0.002	0.01	10.20	4.0	2	1.0	130.5	0.31	<0.05	4.2	0.142	2.09
Q013143		1680	47.3	83.2	0.003	0.07	8.84	9.6	9	1.5	202	0.65	0.10	7.9	0.277	2.48
Q013144		1770	32.6	114.0	<0.002	0.02	24.5	7.9	7	2.2	136.0	0.70	0.07	9.2	0.319	5.84
Q013145		1040	30.5	99.5	0.002	0.02	15.50	7.6	12	1.8	134.5	0.62	0.06	7.7	0.283	5.28
Q013146		2320	33.5	99.0	0.002	0.02	27.1	6.9	5	1.9	127.0	0.60	0.08	8.2	0.272	6.52
Q013147		1140	42.3	92.7	0.002	0.05	8.94	10.0	4	1.7	170.5	0.71	0.08	8.2	0.295	2.36
Q013148		510	25.2	133.5	0.002	0.02	10.70	14.9	88	2.6	80.2	0.87	0.06	8.6	0.404	18.75
Q013149		920	88.9	98.1	<0.002	0.04	8.14	10.1	20	1.6	160.5	0.63	0.07	7.6	0.269	5.80
Q013150		480	22.8	165.5	0.002	0.01	13.50	16.8	93	2.9	84.4	0.96	0.09	9.9	0.448	22.3
Q013151		410	17.3	166.5	0.002	0.01	8.56	12.5	46	2.3	111.0	0.69	0.06	8.4	0.328	13.65
Q013152		220	4.0	11.1	<0.002	0.01	1.07	1.2	3	0.2	333	0.05	<0.05	0.7	0.024	1.02
Q013153		1010	169.5	93.4	0.002	0.04	7.92	9.6	25	1.5	189.5	0.58	0.06	6.9	0.253	6.67
Q013154		930	42.3	110.0	0.002	0.04	7.76	13.9	6	2.0	128.0	0.86	0.08	10.3	0.393	3.57
Q013155		1200	41.7	129.0	0.002	0.03	10.95	12.7	11	2.1	126.0	0.80	0.07	10.3	0.338	3.76
Q013156		240	8.8	45.5	0.004	0.05	6.48	4.3	3	0.8	276	0.26	<0.05	3.5	0.121	2.02
Q013157		840	23.9	106.5	0.003	0.04	12.75	10.4	11	1.9	182.0	0.69	0.07	8.5	0.297	3.25
Q013158		1630	547	125.0	<0.002	0.04	19.10	10.9	9	2.0	74.8	0.80	0.10	10.6	0.346	6.84
Q013159		530	146.5	103.0	0.003	0.02	17.85	17.0	69	1.7	53.4	0.64	<0.05	8.6	0.279	9.63
Q013160		550	47.2	80.0	<0.002	0.03	10.30	14.3	40	1.4	42.3	0.49	<0.05	6.7	0.228	7.07
Q013161		1660	299	145.5	0.007	0.16	23.6	12.8	280	2.6	63.8	0.99	0.19	12.9	0.368	14.10
Q013162		690	118.5	63.2	0.002	0.04	12.10	10.9	9	1.1	50.0	0.38	0.05	5.2	0.170	5.39
Q013163		1220	39.7	130.5	0.002	0.02	30.5	10.2	27	2.7	90.5	0.83	0.08	11.0	0.354	10.65
Q013164		460	8.3	59.2	0.002	0.07	6.12	5.8	3	1.1	128.0	0.34	<0.05	4.7	0.161	2.95
Q013165		540	13.9	99.2	0.003	0.11	13.60	8.8	4	1.8	113.0	0.61	<0.05	7.8	0.265	3.27
Q013166		1150	30.3	72.7	<0.002	0.03	5.99	8.6	3	1.3	190.5	0.60	<0.05	6.6	0.240	2.19
Q013167		1430	32.9	92.8	<0.002	0.04	3.68	14.2	3	1.9	127.0	1.09	0.10	9.5	0.469	1.00
Q013168		840	162.0	13.1	<0.002	0.02	11.00	1.4	14	0.3	298	0.09	0.06	1.4	0.038	3.10
Q013169		3330	364	26.7	<0.002	0.06	11.55	2.5	23	0.6	416	0.17	0.07	2.8	0.069	3.63
Q013170		1520	47.3	50.9	0.003	0.09	14.30	6.0	25	1.0	130.5	0.34	0.12	5.2	0.144	7.50
Q013171		1520	51.8	27.8	0.002	0.04	35.2	2.7	28	0.6	282	0.19	0.12	2.6	0.072	4.01
Q013172		1610	15.9	37.1	<0.002	0.06	78.7	13.9	11	0.8	132.0	0.21	0.08	3.7	0.104	32.0
Q013173		2240	17.4	54.3	0.002	0.06	41.8	9.5	4	1.2	193.0	0.28	0.08	4.8	0.130	20.3
Q013174		3770	39.2	44.8	<0.002	0.06	85.0	10.0	4	1.0	148.0	0.23	0.11	4.2	0.118	17.85
Q013175		700	1.6	4.8	0.004	0.08	2.16	0.6	<1	<0.2	78.5	<0.05	<0.05	0.4	0.012	3.93
Q013176		3860	87.2	92.9	<0.002	0.04	105.5	18.0	9	1.7	160.0	0.38	0.13	7.3	0.150	48.0
Q013177		2740	35.3	78.0	0.002	0.13	137.5	14.5	4	1.2	74.8	0.31	0.08	4.8	0.095	44.2
Q013178		2300	165.5	121.5	<0.002	0.03	44.4	13.0	15	2.2	532	0.81	0.07	13.2	0.390	32.1
Q013179		1570	6940	95.0	0.004	0.09	135.0	5.7	65	1.8	313	0.63	0.12	8.3	0.281	54.1
Q013180		1400	80.9	71.4	0.003	0.11	7.44	9.9	6	1.1	175.0	0.64	0.10	6.5	0.269	4.20

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q013141		5.6	458	1.1	24.1	656	72.4			
Q013142		10.6	300	1.8	15.7	2020	40.5			
Q013143		8.6	509	1.4	28.7	838	77.9			
Q013144		12.1	803	4.5	31.8	3220	87.8			
Q013145		8.7	642	4.0	26.0	2870	74.9			
Q013146		14.4	672	3.9	31.7	3600	79.0			
Q013147		5.8	463	1.5	25.9	1000	78.6			
Q013148		4.1	458	2.0	21.5	2440	97.9			
Q013149		5.3	430	1.3	30.7	1500	74.2			
Q013150		4.5	511	2.3	22.5	2850	105.5			
Q013151		4.0	384	1.5	22.0	2170	80.6			
Q013152		1.4	36	0.1	5.7	180	6.6			
Q013153		5.0	436	1.3	28.5	1620	69.3			
Q013154		5.2	408	1.4	31.5	743	96.5			
Q013155		6.5	612	1.4	33.6	851	93.2			
Q013156		3.2	213	0.5	16.4	836	32.9			
Q013157		7.9	845	1.2	28.9	1040	82.7			
Q013158		19.4	1170	5.7	48.5	3570	107.5			
Q013159		16.2	1140	3.7	54.6	2700	90.2			
Q013160		17.4	872	2.3	55.6	2340	67.3			
Q013161		21.1	3020	5.3	60.7	4600	136.0			
Q013162		16.1	887	2.2	48.2	1670	58.4			
Q013163		11.8	1530	1.6	36.4	3030	104.5			
Q013164		12.1	547	0.5	17.7	589	44.4			
Q013165		8.7	1240	0.9	22.9	857	75.5			
Q013166		5.2	389	0.9	23.6	867	68.7			
Q013167		3.9	268	1.3	24.6	271	104.5			
Q013168		7.9	797	0.7	16.7	5260	21.0			
Q013169		15.7	1040	1.5	41.0	728	41.2			
Q013170		20.7	1600	1.1	51.8	1410	70.3			
Q013171		10.9	1080	0.9	29.7	971	44.1			
Q013172		5.7	2420	1.5	81.0	>10000	59.6	1.030		
Q013173		8.8	1420	1.0	90.3	6170	62.9			
Q013174		8.6	2010	1.6	86.7	6920	62.9			
Q013175		1.2	120	0.1	8.6	259	3.1			
Q013176		11.8	3450	2.4	129.5	>10000	91.2	1.490	1.235	
Q013177		6.7	3020	2.4	82.2	>10000	66.7	1.220	1.105	
Q013178		9.9	1660	4.8	95.8	3020	121.0			
Q013179		15.0	2120	5.7	32.9	1440	85.7			162.5
Q013180		6.5	616	1.3	50.2	1060	75.1			

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	WEI-21 Recvd Wt.	Au-AA26 Au	ME-MS61 Ag	ME-MS61 Al	ME-MS61 As	ME-MS61 Ba	ME-MS61 Be	ME-MS61 Bi	ME-MS61 Ca	ME-MS61 Cd	ME-MS61 Ce	ME-MS61 Co	ME-MS61 Cr	ME-MS61 Cs	ME-MS61 Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013181	0.37	<0.01	1.35	0.34	35	90	0.21	0.04	33.5	3.04	5.63	0.7	7	0.72	5.1
Q013182	0.32	<0.01	0.60	0.09	86	50	0.14	0.01	37.7	8.38	2.45	0.6	4	0.16	5.3
Q013183	0.47	<0.01	0.39	0.50	346	1280	0.27	0.03	30.6	12.55	18.60	2.2	8	0.88	6.3
Q013184	0.24	<0.01	0.03	0.17	75	400	0.11	0.02	31.9	0.57	4.65	0.6	3	0.33	2.7
Q013185	0.30	0.03	1.31	2.62	156.5	4480	1.50	0.10	0.87	4.42	25.3	17.7	102	7.59	105.0
Q013186	0.08	0.03	1.82	2.31	111.5	8000	1.79	0.13	1.07	7.43	20.8	13.6	86	4.50	104.5
Q013187	0.26	0.01	1.29	5.67	86.9	3460	1.53	0.23	0.17	0.78	53.0	4.4	153	22.7	26.5
Q013188	0.14	0.05	2.54	3.95	274	7140	3.55	0.12	0.65	5.24	29.5	17.5	157	7.03	172.5
Q013189	0.32	<0.01	0.96	5.58	131.5	1620	1.46	0.24	0.04	0.29	57.1	1.8	135	24.3	18.7
Q013190	0.32	<0.01	5.70	3.98	139.5	6820	1.98	0.14	1.66	6.75	28.9	9.9	234	10.05	107.0
Q013191	0.17	<0.01	5.05	3.30	113.0	4610	1.63	0.16	0.92	2.73	30.3	6.3	233	13.35	88.0
Q013192	0.15	<0.01	1.44	5.00	95.8	1910	1.34	0.23	0.17	0.57	50.0	2.1	188	23.6	28.2
Q013193	0.12	<0.01	3.68	3.52	74.2	4350	1.23	0.15	1.32	2.40	30.8	5.5	228	13.25	57.0
Q013194	0.24	<0.01	0.61	0.26	15.5	5540	0.13	0.02	9.48	1.22	2.80	1.9	23	1.37	6.8
Q013195	0.15	<0.01	1.12	5.27	133.5	2160	1.16	0.20	0.09	0.16	54.4	1.2	102	15.40	17.5
Q013196	0.13	0.01	1.17	5.12	257	2080	1.09	0.23	0.19	0.23	49.8	1.9	107	15.45	26.7
Q013197	0.16	0.01	1.20	5.25	154.5	1740	1.16	0.21	0.08	0.12	54.6	1.5	104	16.40	21.8
Q013198	0.42	<0.01	1.77	5.09	495	1460	1.32	0.24	0.06	0.50	55.4	3.3	104	14.65	31.7
Q013199	0.18	<0.01	1.27	5.21	558	2240	1.22	0.26	0.09	0.61	53.9	2.1	103	16.25	29.1
Q013200	0.42	0.01	1.34	4.73	115.0	4590	1.89	0.18	0.70	5.30	42.3	8.2	187	10.30	111.0
Q013001	0.75	<0.01	1.58	3.76	118.0	4900	1.51	0.14	7.08	12.20	35.5	11.7	157	7.42	106.0
Q013002	0.20	<0.01	1.72	4.13	131.0	3650	1.52	0.17	1.39	4.72	40.2	9.5	184	8.73	93.2
Q013003	0.20	0.01	2.26	4.85	44.3	4600	1.55	0.20	0.80	4.78	43.9	10.4	232	12.70	96.2
Q013004	0.38	<0.01	2.00	4.83	106.0	5880	2.12	0.16	4.59	14.10	39.0	16.3	172	9.55	164.0
Q013005	0.36	<0.01	1.10	5.44	212	3160	1.61	0.19	0.16	1.23	50.1	8.4	151	12.30	87.2
Q013006	0.30	0.01	0.94	4.94	331	2500	1.55	0.18	0.10	2.12	45.2	7.3	134	8.26	76.2
Q013007	0.33	<0.01	1.16	4.81	435	1820	1.45	0.20	0.04	1.88	50.3	6.6	88	9.47	43.0
Q013008	0.38	<0.01	1.46	5.61	274	2800	1.92	0.23	0.15	2.82	55.3	8.9	182	12.65	107.5
Q013009	0.21	<0.01	1.00	5.04	328	1850	1.47	0.21	0.12	1.87	49.7	6.5	135	9.31	62.7
Q013010	0.44	<0.01	2.04	5.20	228	5950	2.09	0.18	0.35	5.42	43.9	9.4	256	9.73	169.5
Q013011	0.41	0.01	1.41	5.62	277	3560	2.97	0.19	0.31	8.65	47.0	8.3	205	8.81	225
Q013012	0.42	<0.01	2.28	4.32	73.6	3880	1.22	0.18	0.07	0.75	43.8	1.8	177	7.57	40.6
Q013013	0.42	0.01	2.91	4.33	78.5	1190	1.14	0.22	0.06	0.74	47.4	1.1	177	8.95	60.2
Q013014	0.35	0.01	2.37	4.79	59.9	1450	1.20	0.25	0.09	0.88	55.0	0.8	163	9.92	37.1
Q013015	0.20	0.01	1.95	5.96	269	5980	4.01	0.23	0.99	134.5	55.0	28.8	182	7.73	725
Q013016	0.15	<0.01	1.02	4.52	218	6780	2.63	0.12	5.91	133.0	36.7	24.3	121	4.59	529
Q013017	0.16	<0.01	1.58	5.06	209	4900	2.10	0.17	0.40	9.86	48.3	12.6	204	8.54	196.5
Q013018	0.31	<0.01	2.58	4.97	90.9	6040	1.51	0.19	0.52	15.50	58.2	14.2	196	12.90	94.6
Q013019	0.39	<0.01	0.39	0.77	16	1900	0.47	0.04	24.5	8.02	18.15	2.4	58	1.10	10.8
Q013020	0.27	<0.01	3.58	5.13	122.5	4920	1.57	0.21	0.68	8.93	58.0	8.7	232	14.45	89.5

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013181		0.22	0.89	<0.05	0.2	1.5	0.007	0.14	4.2	4.2	0.14	555	5.50	<0.01	0.7	18.8
Q013182		0.13	0.27	<0.05	0.1	0.10	<0.005	0.03	2.9	0.9	0.28	54	0.75	0.01	0.2	9.2
Q013183		0.65	1.50	0.07	0.2	0.1	<0.005	0.23	12.9	2.3	1.11	87	2.02	0.01	0.8	37.1
Q013184		0.17	0.48	<0.05	0.1	0.04	<0.005	0.07	4.4	2.0	2.38	81	0.29	0.01	0.3	5.2
Q013185		6.10	6.35	0.18	1.2	0.43	0.026	0.82	25.7	22.5	0.13	138	9.86	<0.01	4.1	236
Q013186		7.56	4.04	0.13	1.8	0.85	0.014	0.59	20.7	14.0	0.13	289	5.87	<0.01	3.2	205
Q013187		2.63	14.80	0.15	2.6	0.3	0.037	2.02	37.4	14.0	0.31	85	9.38	0.04	10.4	63.9
Q013188		5.83	7.18	0.18	1.6	0.76	0.046	0.93	30.2	13.8	0.12	118	11.70	<0.01	4.8	335
Q013189		3.42	15.45	0.13	2.5	0.2	0.054	2.10	36.7	16.4	0.29	25	7.24	0.06	10.8	29.2
Q013190		4.04	7.68	0.16	1.7	0.20	0.025	1.01	28.1	17.3	0.15	86	10.80	<0.01	5.1	275
Q013191		3.05	8.34	0.13	1.7	0.2	0.036	1.05	31.2	16.2	0.17	76	8.38	0.02	5.9	147.0
Q013192		2.11	13.75	0.13	2.4	0.15	0.044	1.90	33.7	20.7	0.29	36	3.33	0.05	10.5	33.9
Q013193		2.88	8.15	0.13	1.5	0.2	0.028	1.15	28.5	15.8	0.19	116	7.42	0.02	5.5	121.5
Q013194		0.87	0.57	<0.05	0.6	0.03	<0.005	0.08	3.8	7.1	0.21	85	1.46	<0.01	0.5	27.1
Q013195		1.41	14.90	0.15	2.5	0.5	0.033	1.89	32.9	14.4	0.22	18	3.43	0.05	9.4	14.8
Q013196		2.19	14.15	0.11	2.5	0.5	0.036	1.90	30.8	14.6	0.21	21	5.37	0.05	8.6	24.0
Q013197		1.55	15.45	0.14	2.6	0.44	0.033	1.89	33.9	15.0	0.22	18	3.51	0.05	10.0	18.1
Q013198		2.80	14.85	0.15	2.6	0.30	0.040	1.86	33.4	21.6	0.20	24	6.00	0.05	9.5	41.1
Q013199		1.95	15.30	0.13	2.6	0.33	0.041	1.87	33.0	14.7	0.21	24	3.64	0.05	9.2	20.9
Q013200		3.10	11.55	0.13	2.2	0.29	0.041	1.59	29.7	22.4	0.23	55	5.89	0.01	7.4	144.5
Q013001		3.64	8.88	0.13	1.8	0.24	0.025	1.16	28.0	17.2	0.21	103	9.47	<0.01	6.1	227
Q013002		3.44	10.25	0.15	1.8	0.5	0.034	1.39	33.1	15.6	0.21	61	10.25	0.01	7.0	185.5
Q013003		3.55	12.10	0.16	2.2	0.6	0.037	1.65	33.8	15.7	0.25	48	9.45	0.02	7.3	196.0
Q013004		3.64	9.89	0.16	2.0	0.21	0.031	1.27	29.6	18.3	0.23	90	7.62	0.01	6.5	284
Q013005		3.78	13.75	0.14	2.4	0.19	0.043	1.90	35.5	17.5	0.24	51	8.86	0.02	8.6	142.0
Q013006		3.33	12.00	0.13	2.1	0.17	0.041	1.74	29.4	17.8	0.20	54	5.25	0.05	7.7	118.5
Q013007		2.45	13.15	0.12	2.5	0.22	0.035	1.61	30.8	14.6	0.20	63	6.54	0.06	9.0	68.3
Q013008		3.81	14.90	0.16	2.6	0.2	0.051	1.94	38.8	16.7	0.25	69	9.62	0.04	10.3	144.0
Q013009		3.28	13.60	0.15	2.4	0.2	0.045	1.77	32.7	14.8	0.21	35	7.50	0.04	8.4	109.5
Q013010		4.80	11.50	0.15	2.0	0.5	0.043	1.60	35.1	16.9	0.23	57	14.65	0.02	6.9	221
Q013011		5.23	12.30	0.17	2.1	0.4	0.071	1.60	34.6	14.3	0.23	80	14.70	0.02	7.1	198.5
Q013012		1.77	12.55	0.15	2.2	0.2	0.028	1.48	32.3	22.1	0.21	29	12.90	0.03	8.4	37.7
Q013013		1.77	11.95	0.17	2.0	0.32	0.051	1.49	35.5	21.2	0.22	24	24.8	0.04	8.1	41.5
Q013014		1.67	13.85	0.16	2.5	0.35	0.049	1.70	37.4	21.5	0.25	27	25.6	0.05	10.1	22.7
Q013015		8.30	11.85	0.20	2.2	0.42	0.055	1.46	41.9	19.1	0.35	359	23.3	0.01	8.3	525
Q013016		7.27	7.58	0.15	1.5	0.28	0.033	1.01	28.5	13.2	3.00	383	18.15	<0.01	5.4	510
Q013017		5.60	10.10	0.19	2.1	0.65	0.048	1.28	39.5	20.0	0.18	74	15.35	0.01	6.1	312
Q013018		4.08	12.50	0.18	2.1	0.33	0.045	1.53	43.5	16.5	0.23	104	13.15	0.02	8.2	197.0
Q013019		1.19	1.92	0.09	1.1	0.1	0.009	0.25	13.4	6.9	0.74	127	1.90	0.02	1.9	33.7
Q013020		3.22	13.35	0.21	2.2	0.33	0.055	1.57	48.0	14.5	0.26	91	16.35	0.03	8.2	136.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q013181		50	81.3	5.3	<0.002	0.01	3.73	1.5	1	0.2	123.5	<0.05	<0.05	0.6	0.020	0.54
Q013182		140	5.3	1.3	0.002	0.01	0.54	0.4	1	<0.2	306	<0.05	<0.05	<0.2	0.005	0.12
Q013183		760	4.8	9.9	<0.002	0.04	2.65	1.8	2	<0.2	301	0.05	<0.05	1.1	0.023	0.77
Q013184		100	0.9	3.0	0.002	0.01	0.18	0.5	1	<0.2	267	<0.05	<0.05	0.3	0.009	0.13
Q013185		3610	10.3	43.3	0.013	0.16	4.15	15.5	25	0.7	216	0.25	0.14	3.7	0.126	0.86
Q013186		2870	9.0	28.6	0.009	0.23	2.51	9.6	16	0.5	205	0.21	0.10	2.8	0.102	1.01
Q013187		860	17.8	110.5	0.028	0.36	2.71	10.5	12	1.5	148.0	0.65	0.22	7.3	0.329	1.81
Q013188		6060	38.4	48.7	0.009	0.19	5.05	12.9	19	0.7	936	0.29	0.21	4.2	0.146	0.89
Q013189		1070	19.7	121.0	0.009	0.72	3.11	9.5	8	1.6	430	0.63	0.29	8.7	0.330	3.36
Q013190		6650	8.7	52.1	0.003	0.17	4.97	9.6	17	0.8	451	0.32	0.27	4.1	0.165	0.65
Q013191		3830	9.5	59.6	0.010	0.18	3.54	9.4	19	0.9	250	0.35	0.27	4.4	0.182	1.11
Q013192		560	15.7	108.0	0.017	0.45	1.93	9.4	7	1.4	141.0	0.63	0.22	7.6	0.314	1.11
Q013193		4430	9.4	60.0	0.011	0.20	3.07	7.4	16	0.9	257	0.36	0.25	4.5	0.192	0.85
Q013194		500	1.3	3.9	0.003	0.19	0.51	1.2	3	<0.2	475	<0.05	<0.05	0.4	0.014	0.13
Q013195		320	16.6	92.6	0.019	0.31	1.46	10.4	3	1.5	101.5	0.59	0.09	7.3	0.318	0.69
Q013196		480	23.3	92.5	0.014	0.41	2.14	9.6	4	1.4	131.0	0.56	0.14	7.2	0.313	0.89
Q013197		330	14.4	98.0	0.022	0.30	1.73	9.7	3	1.5	96.7	0.62	0.11	7.1	0.317	0.74
Q013198		850	30.4	97.5	0.009	0.37	2.70	10.4	4	1.5	207	0.58	0.12	8.0	0.307	0.87
Q013199		400	20.4	99.9	0.018	0.32	1.78	10.9	4	1.6	101.5	0.59	0.12	7.2	0.310	0.74
Q013200		1070	14.0	80.2	0.011	0.22	2.11	12.7	13	1.2	313	0.46	0.08	6.3	0.247	1.17
Q013001		1370	11.5	60.1	0.009	0.19	2.76	9.8	13	0.9	612	0.38	0.07	5.0	0.190	1.01
Q013002		1530	12.4	71.0	0.014	0.18	3.26	9.5	15	1.1	351	0.44	0.09	5.8	0.225	0.91
Q013003		1850	10.8	82.2	0.007	0.13	2.93	12.3	24	1.3	198.0	0.48	0.08	6.6	0.272	0.89
Q013004		2280	12.8	68.7	0.010	0.20	2.37	11.9	20	1.1	502	0.43	0.08	5.4	0.217	0.79
Q013005		1220	32.8	91.6	0.009	0.15	3.00	13.0	8	1.5	203	0.56	0.10	7.1	0.312	0.78
Q013006		1190	35.7	76.0	0.012	0.15	3.10	13.4	10	1.2	190.5	0.50	0.10	6.3	0.278	0.63
Q013007		620	62.8	82.7	0.012	0.14	4.83	12.1	4	1.3	119.0	0.57	0.14	6.5	0.282	0.73
Q013008		1160	22.1	100.0	0.012	0.17	3.48	17.6	12	1.6	197.5	0.61	0.12	7.9	0.318	0.90
Q013009		1080	28.1	85.0	0.013	0.11	3.44	14.1	7	1.3	267	0.54	0.09	6.6	0.277	0.58
Q013010		2460	12.5	79.4	0.022	0.22	3.69	14.1	17	1.1	379	0.44	0.10	6.4	0.254	1.53
Q013011		3990	24.7	80.1	0.025	0.33	4.56	16.6	15	1.2	728	0.47	0.13	6.4	0.245	1.41
Q013012		1320	14.7	78.3	0.015	0.24	7.11	11.3	16	1.3	148.0	0.54	0.17	6.3	0.273	1.57
Q013013		1830	23.2	92.3	0.044	0.32	11.95	11.0	21	1.4	181.0	0.52	0.19	7.0	0.253	3.83
Q013014		2030	19.5	82.0	0.051	0.33	14.70	12.3	20	1.6	174.5	0.63	0.19	8.0	0.303	4.74
Q013015		4680	27.0	80.6	0.011	0.27	5.61	13.2	19	1.3	467	0.53	0.14	7.6	0.231	1.42
Q013016		3130	14.1	52.7	0.005	0.27	2.91	8.8	13	0.8	465	0.35	0.06	5.0	0.153	0.67
Q013017		3930	14.2	72.0	0.029	0.15	4.35	18.3	18	1.1	473	0.41	0.11	6.3	0.189	1.42
Q013018		1230	14.4	93.5	0.010	0.17	2.86	12.4	14	1.3	169.0	0.56	0.10	8.0	0.241	1.59
Q013019		670	3.2	13.6	0.005	0.28	0.74	6.4	4	0.2	1750	0.12	<0.05	1.7	0.044	0.30
Q013020		1630	16.8	98.5	0.015	0.18	3.95	12.4	16	1.5	174.5	0.55	0.12	8.2	0.255	1.56

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Zn- OG62 Zn % 0.001	As- OG62 As % 0.001	Hg- CV42 Hg ppm 0.1
Q013181		2.6	111	1.0	26.0	366	8.3			
Q013182		2.5	63	0.1	5.5	72	3.3			
Q013183		5.5	120	0.1	13.6	426	7.2			
Q013184		2.2	23	<0.1	4.9	56	3.4			
Q013185		10.1	276	0.9	103.0	1050	66.8			
Q013186		5.1	476	0.5	93.9	1120	94.8			
Q013187		4.3	372	1.3	19.5	214	91.5			
Q013188		11.2	362	1.0	101.0	1360	70.1			
Q013189		4.5	313	1.6	16.4	95	88.0			
Q013190		6.2	383	0.9	110.5	1010	89.2			
Q013191		5.5	340	0.9	51.3	532	68.3			
Q013192		4.9	281	1.6	24.6	104	88.8			
Q013193		5.0	359	0.9	37.6	480	61.8			
Q013194		1.2	30	0.1	11.0	122	14.2			
Q013195		3.9	232	1.7	18.6	53	87.0			
Q013196		4.1	234	1.8	15.9	99	86.8			
Q013197		4.1	232	1.8	15.6	62	90.6			
Q013198		4.1	235	3.2	19.4	152	86.1			
Q013199		3.8	232	1.9	18.5	81	92.6			
Q013200		6.0	241	1.2	59.4	675	71.9			
Q013001		5.8	204	0.8	97.1	1140	94.4			
Q013002		5.7	245	0.8	46.6	842	65.3			
Q013003		6.2	256	0.9	59.4	816	72.1			
Q013004		7.0	231	0.9	167.0	1220	82.8			
Q013005		7.1	255	1.3	37.1	675	88.2			
Q013006		5.6	266	1.4	33.3	589	77.1			
Q013007		3.8	231	1.4	20.0	288	84.1			
Q013008		7.7	270	1.4	41.2	536	98.1			
Q013009		5.2	264	1.4	27.9	536	83.6			
Q013010		10.9	326	0.9	66.0	1090	77.2			
Q013011		21.9	354	1.2	64.7	1220	78.4			
Q013012		10.9	399	1.6	17.6	161	83.5			
Q013013		14.9	668	1.2	18.0	110	82.2			
Q013014		13.7	493	1.6	21.0	59	93.8			
Q013015		17.7	381	1.2	249	3550	97.2			
Q013016		11.5	240	0.8	228	3580	66.2			
Q013017		13.7	333	0.8	109.5	1790	99.8			
Q013018		8.5	249	1.0	68.9	1150	82.8			
Q013019		3.6	168	0.2	46.9	153	59.9			
Q013020		13.8	297	1.0	58.2	470	85.1			

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013021		0.33	0.01	5.34	4.11	169.5	2390	1.67	0.18	1.68	9.54	37.9	7.8	324	7.63	246
Q013022		0.17	<0.01	5.87	4.29	275	1770	2.04	0.28	0.74	4.48	49.7	2.9	362	7.34	140.5
Q013023		0.30	0.01	4.23	4.75	114.0	1890	1.47	0.23	0.42	2.04	53.0	1.2	259	8.73	87.5
Q013024		0.59	<0.01	4.22	2.71	83.6	2950	0.91	0.16	0.20	0.72	23.2	0.9	145	4.71	43.5
Q013025		0.13	0.01	4.86	4.25	151.0	3820	2.27	0.19	1.86	6.34	37.6	16.7	332	7.88	362
Q013026		0.23	0.01	0.91	2.60	246	1340	1.42	0.12	0.23	1.75	26.5	11.3	73	5.41	42.8
Q013027		0.39	<0.01	0.27	0.60	33	5520	0.33	0.03	22.3	26.9	11.05	10.5	30	0.85	16.3

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CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q013021		4.19	10.20	0.20	1.7	0.44	0.058	1.22	41.3	12.9	0.20	51	29.1	0.02	5.3	226
Q013022		4.19	12.80	0.22	1.9	0.54	0.124	1.40	40.6	28.6	0.17	35	30.9	0.03	7.0	97.4
Q013023		2.08	13.40	0.19	2.2	0.48	0.066	1.67	38.3	19.6	0.25	28	18.85	0.04	8.8	42.6
Q013024		1.69	7.15	0.12	1.1	0.25	0.039	0.93	15.1	25.0	0.13	27	11.10	0.02	4.1	45.7
Q013025		5.64	10.40	0.21	1.8	0.45	0.051	1.11	50.7	13.6	0.19	93	31.7	0.01	5.4	408
Q013026		7.32	8.54	0.19	1.1	0.14	0.066	0.94	18.5	7.0	0.14	53	32.9	0.02	4.0	210
Q013027		2.11	1.42	0.07	0.7	0.1	0.008	0.19	7.8	7.3	0.18	224	5.09	<0.01	1.1	123.5

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CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013021		9230	30.9	67.8	0.043	0.38	7.01	13.1	27	1.1	367	0.34	0.10	6.0	0.187	1.58
Q013022		9090	67.5	82.4	0.039	0.34	10.95	24.6	27	1.4	458	0.45	0.34	7.2	0.205	2.58
Q013023		2940	20.8	98.1	0.021	0.33	10.65	16.3	23	1.5	350	0.58	0.20	8.2	0.277	3.57
Q013024		2320	12.8	54.2	0.112	0.28	6.90	6.6	19	0.8	185.5	0.26	0.22	4.3	0.127	1.28
Q013025		9850	18.7	65.8	0.041	0.23	7.98	12.5	28	1.0	281	0.34	0.13	5.9	0.185	1.19
Q013026		4450	10.6	57.6	0.015	0.31	8.45	13.9	42	0.9	287	0.25	0.24	3.2	0.119	3.50
Q013027		390	4.3	10.1	0.007	0.19	0.87	5.5	7	0.2	1110	0.07	<0.05	1.4	0.026	0.19

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136077

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Zn- OG62 Zn % 0.001	As- OG62 As % 0.001	Hg- CV42 Hg ppm 0.1
Q013021		28.0	297	0.9	88.8	918	73.2			
Q013022		50.9	582	1.6	71.8	457	79.6			
Q013023		30.9	748	1.6	33.4	152	86.0			
Q013024		15.4	461	0.8	22.0	176	41.1			
Q013025		33.7	313	0.9	102.5	1820	84.6			
Q013026		14.0	319	0.8	21.5	2100	68.2			
Q013027		4.1	72	0.2	64.5	812	42.0			

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CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	As-OG62	Au-AA26	Hg-CV41	Hg-CV42
	ME-MS61	ME-OG62	Zn-OG62	

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2013
Account: RCM

CERTIFICATE WH13138741

Project: Nadaleen
P.O. No.: AnEx-4
This report is for 121 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description / Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012001	0.28	0.06	4.38	6.14	2090	1480	2.56	0.35	5.97	20.5	97.2	19.9	225	18.30	321
Q012002	0.10	0.04	6.84	6.07	1490	1000	2.37	0.38	3.65	16.10	89.3	11.8	306	17.70	423
Q012003	0.35	<0.01	0.66	0.85	161	470	0.36	0.05	31.3	5.31	16.40	2.2	29	3.47	26.4
Q012004	0.23	0.01	1.57	3.69	531	1240	1.41	0.19	14.25	7.96	58.7	7.9	106	12.20	101.0
Q012005	0.43	<0.01	0.57	0.92	478	280	0.48	0.04	31.5	3.68	15.15	3.9	15	1.62	10.1
Q012006	0.17	0.01	1.03	3.92	1520	650	1.72	0.17	15.75	7.84	52.5	14.8	56	8.97	38.5
Q012007	0.28	<0.01	0.06	0.19	107	100	0.19	0.02	34.1	12.45	3.64	1.3	4	0.27	3.3
Q012008	0.18	<0.01	0.16	1.18	203	260	0.50	0.05	29.2	3.69	15.20	3.2	15	1.24	7.6
Q012009	0.27	0.01	0.13	4.13	866	310	1.11	0.15	18.40	1.25	44.6	6.7	37	11.50	15.9
Q012010	0.22	0.01	0.08	0.39	210	80	0.24	0.02	34.2	4.59	5.67	1.1	5	1.19	2.9
Q012011	0.25	0.01	0.19	2.21	924	310	0.84	0.09	26.4	3.70	24.8	4.4	24	7.43	13.0
Q012012	0.18	0.01	0.03	0.18	84	50	0.11	0.01	26.7	1.94	2.45	0.6	2	0.41	1.9
Q012013	0.25	0.01	0.08	0.73	571	100	0.40	0.04	33.0	5.23	8.96	1.9	8	2.13	4.4
Q012014	0.22	0.01	0.04	0.27	127	150	0.21	0.02	33.4	1.88	4.45	1.0	3	0.88	2.6
Q012015	0.25	<0.01	0.05	0.27	213	70	0.25	0.02	35.8	4.02	4.18	1.0	3	1.39	2.5
Q012016	0.49	<0.01	0.03	0.24	72	50	0.24	0.01	35.8	0.60	3.12	0.7	3	0.44	2.6
Q012017	0.36	0.01	0.03	0.22	141	60	0.23	0.02	34.6	2.03	2.67	0.8	2	0.39	3.0
Q012018	0.26	0.01	0.47	5.22	1330	540	2.13	0.22	14.70	2.98	61.5	11.1	55	18.95	45.6
Q012019	0.22	0.01	0.20	2.70	517	340	1.15	0.11	25.6	3.73	28.8	5.7	28	8.27	17.8
Q012020	0.16	0.01	0.05	0.57	144	90	0.37	0.03	30.7	1.62	6.97	1.4	7	1.35	4.8
Q012021	0.28	<0.01	0.04	0.51	127	120	0.32	0.03	31.8	1.65	6.26	1.4	5	1.27	4.8
Q012022	0.36	<0.01	0.11	1.64	328	230	0.85	0.07	27.7	2.78	16.45	3.4	17	4.50	11.1
Q012023	0.20	<0.01	0.07	0.64	186	120	0.42	0.04	32.5	2.38	6.50	1.7	8	1.50	5.1
Q012024	0.20	<0.01	0.04	0.31	38	70	0.22	0.02	35.0	0.66	4.91	0.9	5	0.81	3.4
Q012025	0.15	<0.01	0.09	0.83	90	130	0.31	0.04	32.7	1.24	11.65	2.0	10	1.93	7.0
Q012026	0.17	<0.01	0.36	7.33	1290	560	2.90	0.29	10.10	1.97	77.2	13.4	74	27.6	62.8
Q012027	0.51	0.01	0.20	0.61	266	190	0.56	0.04	32.4	2.32	7.61	1.4	12	1.03	12.3
Q012028	0.16	0.01	0.86	2.98	1140	820	0.91	0.14	16.70	6.11	35.0	5.8	52	4.70	48.7
Q012029	0.38	<0.01	0.11	0.29	151	550	0.24	0.02	34.9	1.85	2.65	0.7	7	0.46	4.6
Q012030	0.17	0.01	0.88	5.04	4600	970	1.61	0.24	0.84	14.65	61.0	3.9	103	9.96	74.0
Q012031	0.30	<0.01	0.23	2.59	117	420	0.73	0.11	22.3	2.15	32.1	6.0	36	2.76	11.3
Q012032	0.21	0.01	0.39	0.54	357	80	0.35	0.03	32.9	1.18	4.85	1.0	11	0.98	5.8
Q012033	0.25	0.05	6.22	4.89	>10000	510	3.79	0.20	11.30	25.5	54.5	17.4	54	22.7	52.5
Q012034	0.33	0.01	0.88	0.37	616	90	0.39	0.03	34.3	4.71	5.14	0.9	4	1.16	4.3
Q012035	0.32	<0.01	0.05	0.40	26	110	0.25	0.02	33.5	0.36	6.07	1.1	8	0.46	2.9
Q012036	0.27	<0.01	0.23	2.91	104	520	0.87	0.11	22.5	0.96	38.1	6.2	35	2.98	14.8
Q012037	0.28	0.03	1.26	0.62	895	100	0.57	0.04	31.6	2.88	6.53	1.9	2	2.04	6.4
Q012038	0.38	<0.01	0.21	0.70	111	140	0.51	0.03	30.0	1.96	6.93	1.5	5	1.90	5.5
Q012039	0.20	0.02	0.30	2.49	360	310	1.31	0.11	22.0	2.15	24.8	4.2	31	6.71	16.3
Q012040	0.18	<0.01	0.04	0.04	39	40	0.15	0.01	28.6	0.53	0.94	0.5	<1	0.10	1.2

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Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012001		4.85	13.15	0.34	1.9	6.03	0.071	1.75	130.0	30.0	0.36	200	135.5	0.06	6.9	479
Q012002		3.36	13.90	0.32	1.7	4.56	0.061	1.59	119.0	28.6	0.28	94	128.5	0.05	6.1	473
Q012003		0.61	2.63	0.18	0.4	0.57	0.012	0.35	25.4	5.7	0.17	121	13.80	0.03	1.4	39.0
Q012004		2.36	9.79	0.21	1.5	1.39	0.031	1.31	60.5	19.6	0.41	203	43.6	0.20	6.9	152.0
Q012005		1.09	2.10	0.09	0.4	0.21	<0.005	0.24	16.6	5.1	0.21	247	1.79	0.10	1.8	74.4
Q012006		3.89	9.48	0.15	1.8	0.58	0.028	1.13	38.8	22.9	0.42	492	7.66	0.30	7.4	228
Q012007		0.22	0.55	0.07	0.1	0.15	<0.005	0.05	3.6	1.3	0.17	69	0.57	0.03	0.4	18.4
Q012008		0.87	2.70	0.06	0.5	0.4	<0.005	0.29	9.5	5.8	0.27	186	1.38	0.19	2.6	34.1
Q012009		2.29	9.86	0.12	1.3	0.47	0.016	1.30	23.0	28.5	5.57	118	1.54	0.11	5.8	158.5
Q012010		0.34	1.09	0.07	0.2	0.75	<0.005	0.14	2.9	2.5	0.73	146	0.31	0.01	0.7	47.8
Q012011		2.25	5.54	0.08	0.8	0.64	0.007	0.82	12.1	13.0	2.26	210	1.77	0.06	3.6	125.0
Q012012		0.16	0.49	0.07	0.1	0.14	<0.005	0.07	1.3	1.1	7.31	77	0.16	0.01	0.3	12.2
Q012013		0.77	1.88	0.07	0.3	0.41	<0.005	0.24	4.5	5.0	0.55	124	0.62	0.02	1.1	93.1
Q012014		0.24	0.70	0.07	0.1	0.6	<0.005	0.10	2.4	1.7	2.07	131	0.24	0.01	0.3	15.2
Q012015		0.34	0.76	0.07	0.1	0.19	<0.005	0.10	2.5	1.5	0.63	177	0.28	0.01	0.4	35.6
Q012016		0.16	0.58	0.07	0.1	0.1	<0.005	0.09	1.5	1.2	0.29	91	0.62	0.01	0.4	5.6
Q012017		0.20	0.60	0.08	0.1	0.1	<0.005	0.10	1.3	0.9	1.23	133	0.33	<0.01	0.4	10.1
Q012018		3.55	12.50	0.14	2.1	0.69	0.035	1.78	32.8	31.0	0.60	176	5.70	0.08	9.6	170.0
Q012019		1.62	6.39	0.09	1.0	0.38	0.009	0.93	14.6	14.9	1.66	192	2.00	0.12	4.6	64.1
Q012020		0.36	1.44	0.09	0.2	0.14	<0.005	0.21	3.7	3.1	2.90	134	0.65	0.03	1.1	15.6
Q012021		0.36	1.27	0.09	0.2	0.17	<0.005	0.19	3.2	2.8	2.44	94	0.84	0.03	0.9	14.1
Q012022		0.94	3.88	0.10	0.6	0.28	<0.005	0.61	7.9	8.6	2.74	119	1.35	0.06	2.7	39.0
Q012023		0.41	1.58	0.09	0.3	0.19	<0.005	0.26	3.2	3.0	1.68	144	0.88	0.03	1.1	20.5
Q012024		0.18	0.80	0.09	0.1	0.12	<0.005	0.10	4.0	2.2	0.21	56	0.41	0.02	0.7	5.7
Q012025		0.52	2.05	0.10	0.4	0.26	<0.005	0.27	7.4	5.4	0.26	103	0.87	0.06	1.8	14.8
Q012026		4.24	19.35	0.17	2.8	0.77	0.050	2.63	40.8	54.1	0.68	236	4.30	0.11	11.1	137.5
Q012027		0.47	1.66	0.09	0.3	1.0	<0.005	0.19	6.1	2.7	0.10	345	5.85	<0.01	1.6	21.5
Q012028		2.18	7.16	0.12	1.3	4.41	0.018	0.88	24.3	12.1	0.20	207	26.6	0.05	6.9	101.0
Q012029		0.27	0.74	0.07	0.1	1.9	<0.005	0.08	2.2	1.4	0.08	298	3.13	0.01	0.6	9.6
Q012030		6.75	13.10	0.15	2.1	6.92	0.046	1.61	38.5	18.5	0.30	60	35.4	0.05	11.1	66.4
Q012031		1.58	5.97	0.09	1.1	0.68	0.013	0.61	17.0	11.5	0.37	338	3.60	0.35	5.4	29.7
Q012032		0.55	1.32	0.05	0.2	0.34	<0.005	0.20	3.6	2.5	0.10	269	1.68	0.01	1.1	20.4
Q012033		11.85	12.55	0.13	2.1	7.4	0.033	1.65	29.4	30.6	0.40	212	17.75	0.07	7.8	260
Q012034		0.75	0.98	<0.05	0.2	0.6	<0.005	0.14	2.8	2.3	0.18	90	1.48	0.01	0.7	15.1
Q012035		0.25	0.96	0.06	0.2	0.14	<0.005	0.11	4.5	2.2	0.19	154	0.57	0.06	0.9	5.2
Q012036		1.70	7.27	<0.05	1.3	0.27	0.022	0.74	20.3	15.3	0.49	384	1.71	0.48	6.3	26.8
Q012037		1.08	1.80	0.06	0.2	0.96	0.007	0.22	3.8	4.3	0.29	190	2.35	0.01	1.0	26.5
Q012038		0.37	2.18	0.10	0.3	0.41	<0.005	0.28	4.1	4.7	3.73	96	0.95	0.01	1.0	15.1
Q012039		1.42	7.01	0.07	1.1	0.44	0.020	0.95	13.3	15.8	5.26	129	3.95	0.05	4.2	41.1
Q012040		0.08	0.30	0.25	<0.1	0.08	<0.005	0.02	0.9	0.9	6.77	57	0.19	<0.01	0.1	3.0

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CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012001		>10000	27.9	83.6	0.014	0.12	48.0	12.0	26	2.4	536	0.49	2.26	7.0	0.217	3.89
Q012002		>10000	27.7	71.7	0.014	0.15	49.0	9.5	21	1.7	448	0.41	3.19	5.9	0.210	2.54
Q012003		2110	3.6	16.3	0.008	0.03	4.39	2.3	3	0.4	331	0.09	0.12	1.4	0.043	0.38
Q012004		4910	16.9	73.6	0.004	0.11	13.10	8.2	9	1.4	327	0.47	0.45	5.4	0.192	1.57
Q012005		830	92.6	13.3	<0.002	0.01	1.51	2.7	1	0.3	290	0.12	<0.05	1.4	0.055	0.31
Q012006		1550	179.0	69.4	<0.002	0.03	5.00	9.5	4	1.1	257	0.52	0.09	6.4	0.221	1.58
Q012007		260	5.7	2.6	<0.002	0.01	0.32	0.8	1	<0.2	200	<0.05	<0.05	0.3	0.012	0.75
Q012008		430	12.0	15.1	<0.002	0.01	0.86	2.8	2	0.3	205	0.18	<0.05	1.8	0.081	0.29
Q012009		440	14.2	73.8	<0.002	<0.01	1.18	6.0	1	1.2	117.5	0.42	<0.05	6.3	0.171	0.86
Q012010		140	3.4	7.2	<0.002	<0.01	0.37	1.3	<1	<0.2	85.3	0.05	<0.05	0.7	0.020	0.18
Q012011		610	50.8	41.1	<0.002	<0.01	1.65	4.3	2	0.6	144.0	0.25	<0.05	3.6	0.106	0.73
Q012012		100	1.3	3.2	<0.002	<0.01	0.21	0.5	<1	<0.2	120.0	<0.05	<0.05	0.2	0.008	0.05
Q012013		170	5.8	13.0	<0.002	0.01	0.64	1.9	1	0.2	79.9	0.07	<0.05	1.2	0.032	0.29
Q012014		210	2.6	4.6	<0.002	0.01	0.22	0.6	<1	<0.2	284	<0.05	<0.05	0.4	0.012	0.09
Q012015		160	2.3	5.0	<0.002	0.01	0.32	1.2	1	<0.2	93.4	<0.05	<0.05	0.4	0.013	0.14
Q012016		150	1.7	4.1	<0.002	0.01	0.20	0.6	<1	<0.2	91.5	<0.05	<0.05	0.3	0.013	0.10
Q012017		150	2.1	4.2	<0.002	<0.01	0.27	0.7	<1	<0.2	120.5	<0.05	<0.05	0.3	0.011	0.38
Q012018		740	40.4	94.5	<0.002	0.02	3.57	8.7	3	1.6	154.5	0.70	0.05	8.9	0.282	2.17
Q012019		570	20.3	48.7	<0.002	<0.01	1.59	5.4	1	0.8	132.0	0.33	<0.05	4.2	0.137	0.92
Q012020		320	5.7	10.3	<0.002	<0.01	0.41	1.6	<1	0.2	102.0	0.07	<0.05	0.9	0.032	0.18
Q012021		270	5.2	9.1	<0.002	<0.01	0.38	1.5	1	0.2	127.0	0.07	<0.05	0.8	0.027	0.18
Q012022		470	11.6	29.0	<0.002	<0.01	0.90	3.2	1	0.5	134.5	0.19	<0.05	2.4	0.080	0.59
Q012023		320	6.3	12.0	<0.002	<0.01	0.49	2.0	1	0.2	112.5	0.08	<0.05	1.0	0.032	0.27
Q012024		160	3.8	5.5	<0.002	<0.01	0.27	0.9	<1	0.2	179.5	0.05	<0.05	0.6	0.020	0.11
Q012025		280	12.3	14.1	<0.002	<0.01	0.57	1.9	1	0.3	173.5	0.12	<0.05	1.4	0.055	0.26
Q012026		770	40.1	132.5	<0.002	0.01	3.43	13.6	2	2.3	155.5	0.84	0.08	11.8	0.351	2.30
Q012027		350	6.4	9.4	<0.002	0.01	2.78	4.6	1	0.2	60.4	0.10	0.05	0.9	0.037	0.34
Q012028		1070	29.3	46.3	<0.002	0.06	10.15	6.8	5	0.9	204	0.45	0.14	4.4	0.172	3.56
Q012029		100	14.3	4.1	<0.002	0.02	2.09	5.0	1	<0.2	68.5	<0.05	<0.05	0.4	0.016	0.16
Q012030		1160	28.4	82.7	<0.002	0.24	20.2	8.0	7	1.4	231	0.72	0.12	7.5	0.283	21.6
Q012031		360	21.2	34.3	<0.002	0.02	1.46	6.1	1	0.7	176.0	0.38	<0.05	4.1	0.171	0.80
Q012032		150	8.7	8.7	<0.002	0.01	0.93	4.1	1	0.2	73.1	0.07	<0.05	0.8	0.031	0.33
Q012033		700	72.5	91.4	<0.002	0.01	13.30	12.3	5	1.6	137.5	0.55	0.07	7.7	0.236	6.00
Q012034		80	3.9	7.4	<0.002	0.01	0.92	1.9	<1	<0.2	248	<0.05	<0.05	0.6	0.020	0.58
Q012035		280	3.4	5.9	<0.002	<0.01	0.26	1.1	<1	0.2	190.0	0.06	<0.05	0.7	0.028	0.08
Q012036		730	19.1	36.0	0.002	0.02	1.27	6.0	1	0.9	210	0.45	<0.05	5.5	0.195	0.53
Q012037		120	8.4	9.9	<0.002	<0.01	1.39	2.3	1	0.2	216	0.08	<0.05	1.1	0.029	0.67
Q012038		210	17.0	11.6	<0.002	<0.01	0.81	1.6	1	0.3	215	0.07	<0.05	1.2	0.032	0.26
Q012039		400	50.0	40.6	<0.002	<0.01	2.87	4.5	4	0.9	226	0.31	0.06	4.6	0.129	0.83
Q012040		100	2.1	0.6	<0.002	<0.01	0.23	0.2	<1	<0.2	134.0	<0.05	<0.05	<0.2	<0.005	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001	Ba-XRF10 Ba % 0.01
Q012001		21.8	1160	4.2	226	2720	86.6		
Q012002		24.7	1260	2.3	233	1860	80.1		
Q012003		3.9	136	0.6	35.1	251	18.2		
Q012004		9.6	416	1.6	81.9	741	61.8		
Q012005		5.1	48	0.6	20.8	161	13.1		
Q012006		7.2	176	1.9	41.9	584	55.5		
Q012007		3.8	14	0.3	9.2	98	4.0		
Q012008		3.7	42	0.6	12.5	120	16.4		
Q012009		2.0	84	1.0	12.2	1340	43.7		
Q012010		0.7	9	0.2	12.7	561	5.8		
Q012011		2.9	60	1.2	17.2	985	30.0		
Q012012		0.7	5	0.1	5.1	130	2.8		
Q012013		0.9	16	0.3	16.5	1040	9.2		
Q012014		0.7	8	0.2	4.5	237	3.7		
Q012015		1.0	8	0.2	18.3	431	4.6		
Q012016		2.0	7	0.2	2.6	60	3.7		
Q012017		1.2	4	0.3	5.1	227	4.8		
Q012018		3.6	193	2.0	27.8	1070	73.6		
Q012019		2.8	81	1.4	16.2	526	34.3		
Q012020		2.3	18	0.5	6.6	158	8.2		
Q012021		2.6	15	0.5	5.6	153	7.3		
Q012022		3.4	48	1.1	9.4	366	20.5		
Q012023		2.9	16	0.6	7.6	285	9.7		
Q012024		3.7	16	0.2	7.1	38	4.8		
Q012025		3.7	33	0.3	9.2	91	12.1		
Q012026		4.1	241	1.9	28.8	793	92.7		
Q012027		6.7	110	0.5	16.3	144	12.1		
Q012028		6.9	319	1.8	24.7	757	48.1		
Q012029		2.9	42	0.2	8.6	77	7.7		
Q012030		6.3	664	2.6	33.9	547	76.5		
Q012031		2.2	76	0.7	13.0	163	37.8		
Q012032		4.7	57	0.5	9.2	108	8.7		
Q012033		6.6	290	3.4	31.5	1900	79.3	1.210	
Q012034		2.1	21	0.4	7.1	93	7.1		
Q012035		3.7	15	0.2	7.5	26	6.0		
Q012036		3.8	76	0.9	16.4	129	41.2		
Q012037		2.8	36	0.6	6.9	187	9.6		
Q012038		1.5	20	0.8	7.0	185	9.1		
Q012039		2.9	66	2.8	10.8	404	35.2		
Q012040		1.0	3	0.2	3.2	31	1.1		

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012041		0.40	<0.01	0.45	0.25	183	30	0.57	0.02	35.9	1.09	2.72	0.7	<1	0.54	2.7
Q012042		0.36	0.01	0.27	2.47	368	380	1.07	0.10	26.0	1.90	29.7	5.8	26	5.27	16.9
Q012043		0.35	<0.01	0.02	0.13	31	60	0.12	0.02	37.1	0.23	2.07	0.6	<1	0.25	1.6
Q012044		0.27	<0.01	0.21	1.74	344	290	0.87	0.06	29.4	2.49	19.55	4.9	15	4.12	12.2
Q012045		0.23	<0.01	0.33	3.25	644	500	1.36	0.13	22.8	2.67	39.5	9.1	36	7.70	24.3
Q012046		0.20	0.03	0.02	0.11	27	70	0.18	0.01	35.0	0.62	1.34	0.6	<1	0.17	1.4
Q012047		0.28	<0.01	0.32	3.39	387	560	1.21	0.14	21.8	2.29	38.5	7.6	40	5.50	17.9
Q012048		0.48	<0.01	0.09	0.92	192	170	0.44	0.04	32.8	1.30	10.30	2.5	6	1.41	5.5
Q013028		0.26	<0.01	1.49	4.46	249	2400	1.71	0.20	0.17	2.21	44.4	7.7	137	8.98	106.5
Q013029		0.30	<0.01	0.79	5.26	318	1850	1.86	0.20	0.19	3.90	51.5	12.2	154	10.95	98.7
Q013030		0.25	<0.01	1.07	5.44	189.5	2260	1.78	0.21	0.21	3.08	52.0	11.7	165	12.50	102.5
Q013031		0.23	<0.01	1.39	4.95	247	2450	2.23	0.18	0.09	2.40	46.1	14.7	175	10.95	120.5
Q013032		0.35	<0.01	0.71	4.83	172.0	1850	2.03	0.20	0.04	1.43	48.1	9.0	92	8.01	115.5
Q013033		0.16	<0.01	1.14	4.69	69.8	3840	1.23	0.20	0.02	0.19	49.6	3.0	109	10.95	23.3
Q013034		0.33	<0.01	1.21	4.69	138.0	5330	1.35	0.18	0.02	0.79	50.5	4.2	110	9.53	46.5
Q013035		0.33	0.02	1.62	3.18	240	7060	1.39	0.12	3.39	6.64	32.4	17.1	126	8.03	70.6
Q013036		0.22	<0.01	0.11	0.45	66	>10000	0.25	0.02	18.75	0.40	4.49	2.3	19	0.59	7.0
Q013037		0.14	<0.01	0.22	0.47	22.4	6540	0.60	0.02	0.27	2.06	4.70	4.4	28	1.20	19.1
Q013038		0.25	<0.01	0.53	2.50	172.0	7970	2.86	0.04	0.65	4.45	10.80	10.0	90	2.37	120.0
Q013039		0.25	0.01	1.14	5.08	123.0	1950	1.41	0.22	0.16	1.99	50.2	3.3	153	19.40	42.1
Q013040		0.27	<0.01	2.00	3.62	138.5	5700	1.35	0.15	0.45	3.16	36.0	15.5	132	12.10	71.0
Q013041		0.20	<0.01	2.09	3.66	112.0	2400	1.24	0.17	0.27	0.87	36.6	4.7	143	13.10	44.7
Q013042		0.13	<0.01	0.29	1.16	136.5	990	0.35	0.05	0.05	0.30	10.85	2.9	36	3.39	9.9
Q013043		0.28	<0.01	2.46	5.14	153.0	4060	1.32	0.22	0.19	0.41	51.1	6.3	169	18.85	29.8
Q013044		0.24	<0.01	4.82	4.95	135.0	3710	1.55	0.20	0.17	1.36	48.1	6.3	200	16.85	61.4
Q013045		0.36	<0.01	3.68	4.88	78.3	1700	1.13	0.21	0.04	0.67	48.5	2.3	192	15.35	25.5
Q013046		0.05	<0.01	0.56	1.13	7	1870	0.71	0.05	17.00	0.37	15.10	1.8	59	2.35	12.7
Q013047		0.07	<0.01	0.43	1.89	10	2630	0.79	0.08	10.60	1.54	27.1	5.2	42	2.24	19.7
Q013048		0.13	0.01	0.50	2.10	9270	4250	3.52	0.09	1.06	9.07	22.2	6.7	54	5.37	62.1
Q013049		0.27	0.01	0.18	0.24	2300	2270	0.77	0.02	34.2	7.65	3.24	1.9	1	0.59	6.2
Q013050		0.21	<0.01	0.53	2.15	957	5480	0.97	0.08	22.6	3.14	23.1	2.9	42	3.92	33.0
Q013051		0.37	0.03	0.65	3.23	2920	2480	1.38	0.13	14.70	4.68	29.7	5.3	102	5.91	81.2
Q013052		0.29	<0.01	0.11	0.13	101	290	0.14	0.03	36.9	0.83	1.52	0.4	3	0.24	2.3
Q013053		0.23	<0.01	0.11	0.24	89	220	0.32	0.03	35.1	0.60	3.13	0.7	6	0.38	2.9
Q013054		0.22	<0.01	0.17	0.11	80	50	0.28	0.02	36.8	1.09	1.32	0.4	2	0.17	2.0
Q013055		0.16	0.01	0.28	1.10	212	900	0.56	0.06	28.0	0.98	12.85	2.5	27	1.64	8.9
Q013056		0.24	0.01	0.10	0.10	74	50	0.17	0.03	36.0	0.33	1.25	0.3	2	0.16	1.5
Q013057		0.15	<0.01	0.03	0.02	583	50	0.33	0.02	36.7	1.23	1.79	0.5	2	<0.05	2.5
Q013058		0.20	0.01	1.53	5.22	534	1840	1.48	0.23	0.41	2.27	55.5	9.7	62	16.75	75.0
Q013059		0.18	0.01	2.03	6.27	60.5	1790	1.82	0.35	0.35	0.82	72.8	1.1	78	23.9	28.6

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Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012041		0.32	0.87	0.11	0.1	0.26	<0.005	0.10	1.6	1.4	0.10	249	1.08	<0.01	0.6	9.2
Q012042		1.53	6.32	0.07	1.1	0.36	0.022	0.77	15.0	14.7	0.48	234	2.39	0.21	5.0	45.9
Q012043		0.08	0.45	0.07	0.1	0.05	<0.005	0.06	1.2	1.1	0.13	36	0.60	0.01	0.4	3.5
Q012044		1.11	4.59	0.06	0.8	0.28	0.016	0.57	10.5	11.0	0.70	203	2.13	0.13	3.6	38.2
Q012045		2.07	8.42	0.08	1.4	0.46	0.026	1.04	20.5	20.1	0.63	295	3.17	0.25	6.7	71.2
Q012046		0.08	0.35	0.06	0.1	0.08	<0.005	0.03	0.8	1.2	0.15	28	0.20	0.01	0.4	2.2
Q012047		2.14	8.44	<0.05	1.4	0.52	0.025	0.95	19.1	18.4	0.48	504	3.03	0.40	6.7	47.0
Q012048		0.64	2.39	0.08	0.4	0.26	0.008	0.28	5.7	5.2	0.30	203	1.70	0.11	1.9	15.1
Q013028		3.70	12.00	0.12	2.1	0.32	0.042	1.47	32.9	24.5	0.18	46	18.45	0.04	8.0	154.0
Q013029		4.74	14.45	0.09	2.6	0.39	0.051	1.88	38.1	20.8	0.22	77	15.25	0.04	9.1	215
Q013030		4.23	14.75	0.16	2.8	0.47	0.059	1.90	38.5	17.4	0.24	63	12.85	0.04	9.3	187.5
Q013031		4.73	11.90	0.14	2.3	0.35	0.052	1.48	35.2	15.0	0.20	78	21.2	0.04	7.8	218
Q013032		3.50	12.95	0.13	2.4	0.20	0.048	1.47	29.4	26.6	0.18	49	8.34	0.04	8.2	174.5
Q013033		1.72	14.25	0.18	2.4	0.30	0.043	1.57	32.1	19.1	0.22	15	5.10	0.03	9.4	32.9
Q013034		1.71	14.55	0.23	2.3	0.47	0.047	1.60	32.1	22.4	0.20	20	5.81	0.02	9.0	46.1
Q013035		7.17	7.92	0.10	2.1	0.52	0.036	1.06	25.7	14.6	0.35	383	11.90	<0.01	5.2	288
Q013036		1.99	1.10	<0.05	0.3	0.05	0.011	0.16	3.9	19.2	4.63	590	1.48	<0.01	0.8	24.1
Q013037		2.60	0.99	<0.05	1.0	0.15	0.005	0.13	5.8	7.6	0.05	97	3.11	<0.01	0.9	63.7
Q013038		4.31	3.86	<0.05	1.1	0.32	0.079	0.27	10.5	9.2	0.06	117	6.80	<0.01	1.6	172.0
Q013039		3.25	14.40	0.08	2.4	0.30	0.052	1.75	34.7	16.6	0.26	58	10.65	0.05	9.6	43.2
Q013040		4.68	9.01	0.09	1.5	0.16	0.046	1.17	33.8	21.9	0.15	107	13.70	0.01	6.4	200
Q013041		2.51	9.88	0.09	1.6	0.11	0.042	1.25	34.2	14.0	0.18	35	6.63	0.04	6.8	97.0
Q013042		2.39	3.47	<0.05	0.5	0.05	0.045	0.45	6.8	17.6	0.05	116	3.80	0.01	2.0	35.9
Q013043		3.75	14.25	0.14	2.4	0.25	0.049	1.87	35.8	17.9	0.26	66	8.04	0.05	9.5	96.3
Q013044		3.62	13.45	0.11	2.2	0.17	0.047	1.77	36.3	16.0	0.24	102	6.55	0.04	9.2	116.0
Q013045		2.15	13.25	0.11	2.3	0.19	0.035	1.75	37.1	15.2	0.25	32	5.29	0.04	9.5	45.3
Q013046		1.01	3.12	<0.05	0.6	0.05	0.014	0.38	12.0	12.2	0.33	180	1.30	0.08	2.3	17.3
Q013047		3.10	4.91	<0.05	1.0	0.07	0.019	0.57	16.2	17.3	0.81	418	2.01	0.18	3.7	39.7
Q013048		25.4	8.10	<0.05	0.9	1.1	0.026	0.68	15.3	9.7	0.15	215	37.6	0.02	4.0	128.0
Q013049		3.10	1.31	<0.05	0.1	9.43	0.007	0.08	2.7	1.4	0.10	945	7.20	<0.01	0.5	114.0
Q013050		2.28	5.72	<0.05	1.0	0.36	0.023	0.61	13.0	9.5	0.28	210	8.77	0.10	4.6	55.3
Q013051		5.61	9.54	0.09	1.3	0.73	0.047	0.93	17.7	15.3	0.34	312	13.65	0.21	6.8	78.0
Q013052		0.23	0.40	0.07	0.1	0.12	0.005	0.04	1.5	0.9	0.08	1010	1.14	0.01	0.3	5.2
Q013053		0.27	0.66	0.07	0.1	0.11	0.006	0.07	2.7	1.7	0.12	435	1.60	0.01	0.6	8.7
Q013054		0.15	0.35	0.11	0.1	0.11	0.005	0.03	0.9	1.0	0.11	184	1.19	0.01	0.3	6.6
Q013055		0.81	2.58	0.14	0.4	0.29	0.012	0.30	8.9	5.8	0.20	402	2.74	0.12	2.3	27.8
Q013056		0.13	0.32	0.13	<0.1	0.11	0.005	0.03	0.8	0.9	0.12	187	1.49	<0.01	0.2	5.7
Q013057		0.55	0.11	0.10	<0.1	0.06	<0.005	0.01	2.2	0.7	0.15	280	0.99	<0.01	<0.1	9.2
Q013058		6.30	12.05	0.26	2.7	0.34	0.037	1.51	29.4	25.5	0.29	134	393	0.04	8.7	191.5
Q013059		1.39	17.05	0.26	3.4	0.32	0.025	2.23	41.8	24.6	0.46	27	45.2	0.05	12.2	27.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012041		70	3.0	3.9	<0.002	<0.01	0.53	4.3	1	<0.2	60.2	<0.05	<0.05	0.5	0.014	0.31
Q012042		540	25.5	36.6	<0.002	0.01	1.47	4.9	1	0.8	151.0	0.35	<0.05	4.5	0.148	0.74
Q012043		90	1.4	2.4	0.002	<0.01	0.21	0.3	<1	<0.2	126.5	<0.05	<0.05	0.2	0.008	0.03
Q012044		540	18.0	26.9	<0.002	<0.01	1.32	3.6	1	0.5	155.5	0.25	<0.05	3.2	0.105	0.56
Q012045		720	30.4	53.7	<0.002	0.01	2.46	6.2	2	1.0	174.5	0.46	<0.05	6.0	0.194	1.03
Q012046		40	0.9	1.5	<0.002	<0.01	0.24	0.3	1	<0.2	140.0	<0.05	<0.05	0.2	0.007	0.02
Q012047		610	19.6	48.8	<0.002	0.01	1.79	8.0	1	1.0	130.0	0.50	0.06	5.9	0.203	0.82
Q012048		290	5.7	13.1	<0.002	<0.01	0.59	3.4	1	0.3	130.0	0.12	<0.05	1.6	0.055	0.30
Q013028		1100	86.2	79.5	0.013	0.12	4.90	13.1	9	1.4	175.0	0.55	0.13	6.9	0.253	0.65
Q013029		1050	21.2	99.5	0.010	0.18	3.67	17.6	10	1.6	166.5	0.61	0.08	8.3	0.301	1.17
Q013030		1230	20.6	103.0	0.016	0.22	3.24	15.3	12	1.7	245	0.63	0.12	8.7	0.308	1.05
Q013031		2180	27.9	78.6	0.017	0.12	5.00	14.5	15	1.4	388	0.53	0.11	7.3	0.255	0.57
Q013032		1340	16.8	78.9	0.020	0.06	4.40	16.2	10	1.4	143.0	0.57	0.11	7.5	0.260	0.57
Q013033		580	12.6	85.7	0.042	0.25	2.33	11.7	15	1.5	115.5	0.63	0.12	7.1	0.277	0.74
Q013034		430	16.7	85.3	0.044	0.26	2.92	10.9	4	1.5	178.5	0.59	0.10	6.8	0.274	0.94
Q013035		1860	13.6	52.4	0.010	0.22	5.08	16.7	14	1.0	402	0.36	0.09	5.0	0.160	1.02
Q013036		440	1.8	6.5	0.008	0.28	0.58	2.2	3	0.2	936	0.05	<0.05	0.7	0.025	0.10
Q013037		660	1.0	5.5	0.005	0.16	0.60	4.1	4	0.2	37.1	0.06	<0.05	0.9	0.025	0.39
Q013038		5550	2.6	13.0	0.003	0.20	1.55	14.8	7	0.3	1140	0.11	0.11	1.9	0.046	0.69
Q013039		910	13.6	104.5	0.004	0.31	2.53	9.9	7	1.7	159.0	0.65	0.24	8.1	0.305	3.12
Q013040		3060	11.8	63.8	0.012	0.21	4.45	15.6	13	1.0	237	0.41	0.24	5.9	0.197	0.57
Q013041		2210	10.5	70.5	0.012	0.20	3.11	11.5	12	1.1	179.5	0.46	0.20	5.7	0.212	0.69
Q013042		2250	2.7	22.5	<0.002	0.08	1.18	4.6	3	0.4	165.0	0.13	0.06	1.8	0.063	0.34
Q013043		1220	14.2	104.5	0.006	0.47	3.70	12.1	16	1.6	237	0.62	0.20	8.1	0.307	2.06
Q013044		2020	14.6	98.6	0.012	0.39	3.35	12.3	13	1.5	230	0.64	0.25	7.6	0.292	2.09
Q013045		560	13.9	99.0	0.007	0.31	3.27	9.2	9	1.5	127.0	0.63	0.23	7.6	0.297	2.16
Q013046		1030	3.1	20.3	0.006	0.26	0.75	3.5	3	0.3	740	0.15	<0.05	1.9	0.064	0.18
Q013047		1160	4.9	29.7	0.003	0.39	1.16	8.6	3	0.5	420	0.25	0.09	2.9	0.097	0.28
Q013048		950	13.0	32.8	<0.002	0.20	11.10	8.3	9	0.7	164.0	0.25	0.09	3.0	0.100	0.76
Q013049		140	3.7	3.6	0.005	0.07	3.13	4.5	6	<0.2	91.8	<0.05	<0.05	0.5	0.012	0.33
Q013050		700	10.1	28.7	0.002	0.19	4.57	6.2	3	0.6	295	0.30	0.06	3.4	0.118	1.19
Q013051		1080	13.6	44.9	<0.002	0.25	10.30	10.1	5	0.9	319	0.39	0.09	4.3	0.175	1.61
Q013052		150	11.4	1.9	<0.002	0.01	1.13	9.6	1	<0.2	79.8	<0.05	<0.05	0.2	0.008	0.07
Q013053		120	3.6	3.8	<0.002	0.01	1.00	7.9	<1	<0.2	109.0	<0.05	<0.05	0.4	0.015	0.12
Q013054		40	3.4	1.7	0.002	0.01	1.16	7.7	1	<0.2	92.5	<0.05	<0.05	0.2	0.007	0.09
Q013055		360	12.2	14.7	<0.002	0.02	2.34	6.7	2	0.7	144.5	0.14	0.05	1.7	0.070	0.43
Q013056		20	3.6	1.6	<0.002	0.01	0.79	5.8	1	<0.2	149.5	<0.05	<0.05	<0.2	0.005	0.04
Q013057		140	1.7	0.5	<0.002	0.01	5.12	2.4	<1	<0.2	135.5	<0.05	<0.05	<0.2	<0.005	0.04
Q013058		1770	19.6	87.7	0.010	0.33	185.5	10.8	53	1.6	237	0.54	0.75	6.9	0.282	18.15
Q013059		760	21.4	134.5	0.009	0.32	22.7	11.8	16	2.4	193.0	0.81	0.25	10.1	0.391	16.15

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001	Ba-XRF10 Ba % 0.01
Q012041		4.8	30	0.4	9.4	39	4.8		
Q012042		3.8	77	1.2	13.2	275	36.4		
Q012043		2.1	5	0.3	1.7	21	2.6		
Q012044		4.1	55	1.1	10.5	245	26.0		
Q012045		4.8	100	1.9	16.8	421	51.6		
Q012046		1.1	4	0.1	1.3	17	2.3		
Q012047		3.8	104	1.1	16.2	272	44.4		
Q012048		3.7	30	0.4	7.1	91	13.5		
Q013028		7.1	228	2.1	39.6	603	84.2		
Q013029		6.7	237	1.5	37.4	1080	94.4		
Q013030		7.3	249	1.4	41.9	890	99.3		
Q013031		9.0	256	1.3	57.4	1290	93.5		
Q013032		6.3	247	1.5	50.5	777	85.4		
Q013033		4.3	243	1.4	15.6	112	89.0		
Q013034		4.7	234	2.6	20.2	194	85.1		
Q013035		7.1	334	1.8	66.1	1130	101.0		
Q013036		1.4	54	0.3	10.6	99	14.5		0.95
Q013037		2.4	129	0.2	28.7	409	32.4		
Q013038		11.7	314	0.4	89.1	877	53.2		
Q013039		4.8	296	1.7	20.4	245	86.8		
Q013040		9.4	344	1.3	95.6	856	65.9		
Q013041		7.2	325	1.6	34.8	282	61.9		
Q013042		1.4	74	0.6	6.0	150	17.5		
Q013043		5.2	320	1.5	21.7	312	88.8		
Q013044		6.1	334	1.5	36.1	339	82.9		
Q013045		3.7	317	1.3	19.0	137	82.3		
Q013046		3.4	85	0.3	25.7	63	35.8		
Q013047		3.2	139	0.5	41.5	202	51.6		
Q013048		4.3	498	2.6	31.0	2980	33.2		
Q013049		7.8	98	0.8	19.3	556	9.0		
Q013050		3.8	214	1.0	19.2	293	38.0		
Q013051		4.2	443	1.4	23.8	428	45.9		
Q013052		4.3	67	0.2	44.3	30	11.6		
Q013053		2.8	37	0.3	20.1	41	5.7		
Q013054		3.9	28	0.2	9.1	32	2.3		
Q013055		2.4	63	0.6	14.7	118	16.3		
Q013056		3.1	21	0.2	9.4	30	2.0		
Q013057		3.2	50	0.2	7.3	29	1.3		
Q013058		14.1	1640	1.2	16.9	1580	124.5		
Q013059		11.4	985	1.4	15.1	51	117.0		

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013060		0.13	0.02	1.39	3.83	2920	2460	1.09	0.24	0.57	6.4	34.7	9.3	53	10.75	86.5
Q013061		0.22	0.01	1.98	5.42	505	1830	1.78	0.31	0.53	2.92	60.5	5.3	74	20.2	60.0
Q013062		0.14	0.01	2.09	6.52	212	1770	1.90	0.33	0.37	1.65	64.8	1.9	82	28.8	31.1
Q013063		0.25	<0.01	1.19	5.35	294	1470	1.43	0.26	0.97	1.06	54.4	2.3	95	14.05	89.0
Q013064		0.19	0.01	1.87	5.52	431	2890	1.55	0.27	0.45	2.68	56.9	2.0	120	13.65	121.5
Q013065		0.27	<0.01	1.91	4.67	262	1150	1.37	0.23	0.23	1.36	47.8	1.6	96	11.70	116.5
Q013066		0.36	<0.01	0.05	0.20	20	100	0.32	0.03	37.5	0.27	2.79	0.6	3	0.38	1.7
Q013067		0.19	0.01	0.45	1.78	242	700	0.74	0.09	28.9	1.36	18.70	3.2	31	2.72	15.2
Q013068		0.52	<0.01	0.07	0.56	110	100	0.47	0.04	36.0	3.08	3.42	3.3	6	0.93	12.5
Q013069		0.18	<0.01	0.48	3.40	497	510	2.22	0.09	25.3	5.48	17.70	10.8	31	5.17	48.4
Q013070		0.40	0.01	0.69	4.39	802	690	2.29	0.11	22.9	3.63	24.8	8.8	43	9.04	49.0
Q013071		0.28	0.01	0.68	5.54	674	950	3.06	0.12	19.35	8.32	25.5	14.2	49	9.66	81.1
Q013072		0.19	<0.01	0.40	1.92	221	550	1.01	0.10	27.3	1.80	18.95	3.6	32	2.88	17.3
Q013073		0.24	0.01	0.34	1.74	182	1290	0.77	0.09	26.7	1.24	18.65	2.2	35	3.66	13.2
Q013074		0.16	<0.01	0.05	0.18	150	70	0.27	0.03	36.2	0.27	2.07	0.5	3	0.41	1.9
Q013075		0.28	<0.01	0.56	2.65	281	990	1.02	0.14	20.8	1.81	29.3	3.4	50	6.73	21.4
Q013076		0.33	0.01	0.48	5.28	129.5	2670	1.39	0.28	0.76	1.78	63.2	6.7	104	12.15	21.5
Q013077		0.14	<0.01	14.20	5.07	262	2070	2.51	0.20	1.09	1.60	44.6	5.2	481	10.80	108.0
Q013078		0.27	0.01	21.6	3.73	134.0	600	1.90	0.25	0.73	0.80	39.4	2.5	791	13.95	49.1
Q013079		0.24	<0.01	25.6	3.52	233	2430	3.13	0.20	2.14	5.27	29.9	2.2	699	7.27	75.2
Q013080		0.21	<0.01	18.40	5.00	93.5	1910	2.53	0.28	1.15	2.84	52.2	5.4	630	13.65	112.5
Q013081		0.23	<0.01	20.7	4.16	102.0	790	3.04	0.23	1.01	6.03	41.8	7.9	696	12.85	179.0
Q013082		0.25	<0.01	0.17	0.18	200	210	0.28	0.03	36.1	0.54	2.25	0.6	5	0.35	2.2
Q013083		0.15	<0.01	0.25	0.61	213	310	0.46	0.04	36.1	1.01	6.43	1.4	14	0.89	4.6
Q013084		0.23	<0.01	10.05	6.20	523	3980	6.65	0.13	1.87	25.2	34.7	44.7	437	4.20	1060
Q013085		0.24	0.03	18.00	4.85	230	1400	1.59	0.21	0.58	5.49	48.9	2.8	600	8.88	81.0
Q013086		0.11	<0.01	2.65	2.29	2910	3390	0.81	0.13	0.32	18.85	23.6	2.0	133	3.38	119.5
Q013087		0.08	<0.01	1.41	1.11	30.0	740	0.35	0.06	0.14	0.53	10.40	0.6	46	2.85	44.7
Q013088		0.30	<0.01	5.15	5.18	146.5	4260	1.31	0.28	0.69	3.40	58.0	0.6	100	10.70	119.5
Q013089		0.24	0.02	3.38	3.64	123.5	3670	1.26	0.15	1.25	4.41	36.0	0.5	86	6.99	79.0
Q013090		0.20	0.01	3.27	4.98	114.0	2520	1.28	0.27	0.56	2.52	61.2	0.6	76	12.20	80.9
Q013091		0.24	0.03	0.18	0.21	122	120	0.18	0.02	35.5	5.00	2.05	1.6	<1	0.36	3.7
Q013092		0.16	0.01	0.60	2.52	536	1370	1.04	0.10	23.4	5.58	28.0	5.4	43	4.90	29.0
Q013093		0.36	<0.01	0.10	0.38	106	230	0.25	0.03	34.9	2.85	5.30	1.1	1	0.97	5.3
Q013094		0.34	0.01	0.89	3.83	388	1400	1.23	0.14	15.05	4.85	46.7	7.3	68	5.43	32.1
Q013095		0.22	<0.01	0.20	0.24	127	310	0.19	0.03	37.3	25.1	3.63	1.0	1	0.39	3.3
Q013096		0.24	0.01	0.77	3.67	7310	4000	2.86	0.13	18.60	54.3	34.9	25.2	59	11.40	51.0
Q013097		0.22	0.01	1.44	3.19	775	2650	1.29	0.14	17.75	12.55	37.5	9.5	97	5.71	30.1
Q013098		0.19	<0.01	0.21	0.75	1030	610	0.71	0.04	33.5	13.95	7.92	4.9	6	2.38	10.4
Q013099		0.24	0.01	2.07	3.93	2150	2920	1.74	0.16	11.95	21.2	43.5	12.9	88	8.64	57.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013060		21.6	9.31	0.56	2.2	0.30	0.038	0.95	20.0	18.4	0.18	109	1580	0.02	5.8	288
Q013061		6.76	15.55	0.25	2.9	0.40	0.052	1.71	32.3	21.8	0.35	70	193.5	0.04	9.5	152.5
Q013062		2.26	18.55	0.21	3.3	0.35	0.035	2.12	36.2	26.1	0.45	35	91.3	0.05	11.7	61.1
Q013063		3.01	15.80	0.21	2.7	0.77	0.057	2.05	28.5	15.6	0.41	53	29.6	0.05	12.4	39.2
Q013064		3.09	16.85	0.21	2.5	1.75	0.061	2.09	32.1	16.5	0.38	31	45.4	0.03	11.6	36.4
Q013065		2.59	14.90	0.18	2.2	1.19	0.045	1.89	24.8	13.3	0.35	24	31.2	0.03	10.0	29.4
Q013066		0.12	0.57	0.12	0.1	0.14	0.006	0.08	1.5	1.4	0.26	40	1.72	0.01	0.4	3.5
Q013067		1.12	4.08	0.11	0.8	0.42	0.018	0.50	10.7	8.3	0.34	317	4.17	0.20	3.8	29.3
Q013068		0.66	1.01	0.11	0.1	0.12	<0.005	0.09	2.9	1.8	0.08	337	3.29	0.01	0.6	27.8
Q013069		2.20	4.94	0.15	0.8	0.50	0.014	0.54	12.3	11.1	0.21	382	6.92	0.09	3.5	118.0
Q013070		2.04	6.67	0.16	1.0	0.70	0.022	0.82	16.6	20.4	0.25	368	7.42	0.05	4.3	145.0
Q013071		2.99	7.36	0.20	1.1	0.83	0.024	0.83	18.2	18.2	0.25	415	10.50	0.06	4.5	193.0
Q013072		1.25	4.45	0.17	1.1	0.20	0.018	0.50	11.2	8.5	0.31	247	4.58	0.20	3.9	34.0
Q013073		0.92	4.64	0.15	0.8	0.33	0.019	0.53	10.5	8.1	0.30	582	4.08	0.10	4.7	21.4
Q013074		0.21	0.52	0.19	0.1	0.51	<0.005	0.06	1.3	1.6	0.12	624	1.35	0.01	0.4	3.4
Q013075		1.47	7.22	0.24	1.3	0.45	0.027	0.82	16.4	12.7	0.34	848	7.65	0.15	7.2	31.6
Q013076		2.16	15.70	0.27	2.9	0.17	0.038	1.46	32.9	24.4	0.42	216	7.94	0.29	16.5	23.3
Q013077		6.39	14.15	0.22	2.5	0.36	0.085	0.99	40.2	27.8	0.22	67	42.7	0.03	7.4	139.5
Q013078		4.71	13.15	0.23	2.2	0.58	0.064	1.07	56.1	26.1	0.26	27	71.5	0.04	7.4	130.5
Q013079		7.25	13.00	0.25	2.3	0.72	0.121	0.91	54.5	13.1	0.22	25	60.6	0.02	5.4	136.0
Q013080		4.08	14.50	0.26	2.7	0.45	0.073	1.21	55.2	24.2	0.28	52	41.6	0.03	8.9	175.0
Q013081		5.34	13.60	0.19	2.5	0.55	0.055	1.01	52.0	29.0	0.25	74	55.1	0.03	7.3	207
Q013082		0.21	0.55	0.08	0.1	0.23	0.005	0.06	1.6	1.4	0.15	245	1.42	0.01	0.4	5.8
Q013083		0.53	1.51	0.08	0.3	0.38	0.005	0.17	4.0	3.2	0.20	525	2.80	0.05	1.3	14.5
Q013084		12.70	8.22	0.31	1.2	2.22	0.066	0.38	45.9	14.0	0.09	218	58.0	0.02	3.7	1115
Q013085		3.18	13.70	0.19	2.5	3.22	0.049	0.89	45.7	26.3	0.19	26	31.3	0.03	8.8	118.0
Q013086		8.92	10.50	0.17	1.0	4.34	0.215	0.57	16.8	8.3	0.09	63	68.0	0.02	2.4	55.1
Q013087		1.44	2.72	0.06	0.7	1.62	0.015	0.26	6.0	7.3	0.05	128	3.62	0.02	3.3	20.4
Q013088		1.41	12.85	0.20	2.2	2.74	0.045	1.23	34.0	21.5	0.25	27	23.1	0.02	7.4	33.2
Q013089		1.72	9.45	0.13	1.5	2.47	0.048	0.82	22.2	16.0	0.16	41	12.40	0.02	5.2	40.3
Q013090		1.35	13.95	0.15	2.5	4.82	0.034	1.55	36.3	18.1	0.28	28	61.1	0.04	8.7	40.4
Q013091		0.28	0.56	0.09	0.1	0.5	0.006	0.07	1.5	1.3	0.14	382	1.40	0.01	0.4	12.9
Q013092		1.93	6.06	0.10	1.1	0.6	0.025	0.74	15.6	11.4	0.36	296	7.91	0.24	4.7	69.7
Q013093		0.33	0.99	0.06	0.2	0.19	0.008	0.12	3.6	2.0	0.49	146	1.84	0.04	0.7	10.5
Q013094		2.52	9.42	0.15	1.7	0.52	0.036	1.07	27.5	18.5	0.61	401	7.27	0.54	7.7	59.7
Q013095		0.32	0.64	0.10	0.1	0.20	<0.005	0.07	3.9	1.6	0.12	779	0.85	0.02	0.4	8.7
Q013096		10.55	8.67	0.12	1.4	1.6	0.030	1.12	21.2	21.5	0.33	423	19.60	0.11	4.7	696
Q013097		3.05	7.81	0.13	1.3	0.49	0.032	0.91	24.1	15.8	0.50	453	10.55	0.29	6.2	119.5
Q013098		1.72	1.86	0.07	0.3	0.46	0.009	0.25	4.8	5.1	0.21	236	3.57	0.03	1.1	101.0
Q013099		4.62	10.05	0.15	1.6	1.5	0.033	1.10	26.7	19.6	0.40	367	17.85	0.23	6.6	247

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013060		4570	15.1	49.9	0.028	0.24	454	6.3	183	1.3	246	0.39	1.25	5.8	0.186	10.35
Q013061		2400	27.2	105.5	0.035	0.33	166.5	11.8	60	2.1	232	0.59	0.63	9.0	0.293	17.20
Q013062		1210	24.4	133.5	0.029	0.31	48.4	13.6	25	2.3	226	0.76	0.32	10.1	0.361	10.60
Q013063		710	16.8	98.8	<0.002	0.04	13.60	9.8	9	1.7	221	0.75	0.13	8.3	0.310	2.06
Q013064		1480	29.4	98.9	<0.002	0.06	21.8	10.3	11	1.8	359	0.68	0.21	7.9	0.316	2.03
Q013065		480	10.8	92.8	<0.002	0.03	19.15	11.7	11	1.7	146.5	0.61	0.21	7.5	0.276	1.56
Q013066		30	3.3	3.7	0.003	0.02	0.45	0.6	<1	<0.2	291	<0.05	<0.05	0.3	0.012	0.29
Q013067		440	11.4	24.2	<0.002	0.04	2.00	4.9	2	0.5	294	0.23	0.08	2.7	0.111	0.76
Q013068		110	1.6	4.7	0.002	0.01	0.68	5.5	1	0.2	34.9	<0.05	<0.05	0.5	0.018	0.10
Q013069		480	10.1	28.3	<0.002	0.02	3.17	9.0	2	0.6	128.0	0.22	0.06	2.6	0.095	0.76
Q013070		570	17.8	40.7	<0.002	0.03	4.58	10.6	2	0.8	147.0	0.26	<0.05	3.7	0.123	1.26
Q013071		830	12.8	42.7	<0.002	0.03	5.55	14.0	3	1.0	217	0.29	<0.05	3.8	0.128	1.20
Q013072		460	8.7	24.7	<0.002	0.03	2.32	7.3	2	0.5	238	0.24	<0.05	2.7	0.111	0.69
Q013073		410	9.6	29.5	<0.002	0.06	2.12	8.0	2	0.5	259	0.28	<0.05	2.7	0.108	0.96
Q013074		50	3.7	3.0	<0.002	0.01	0.75	4.2	<1	<0.2	138.0	<0.05	<0.05	0.3	0.012	0.16
Q013075		640	14.8	44.9	0.003	0.08	3.65	11.3	2	0.8	269	0.41	0.07	4.4	0.164	1.86
Q013076		1490	19.5	87.3	0.003	0.08	3.90	10.5	3	2.0	294	1.02	0.08	9.0	0.380	2.67
Q013077		>10000	9.1	59.3	0.021	0.18	24.5	21.1	34	1.4	861	0.47	0.11	6.0	0.259	6.53
Q013078		>10000	13.5	68.6	0.022	0.38	21.0	13.8	34	1.3	1485	0.42	0.26	6.1	0.225	10.70
Q013079		>10000	11.4	55.7	0.059	0.17	29.6	33.1	44	1.2	1335	0.33	0.29	5.8	0.177	10.60
Q013080		9660	12.6	75.2	0.029	0.21	21.1	17.8	32	1.6	1100	0.53	0.27	7.5	0.281	6.93
Q013081		>10000	11.3	68.2	0.034	0.29	15.45	14.3	26	1.4	988	0.44	0.31	6.3	0.225	9.19
Q013082		90	5.0	2.9	<0.002	0.02	0.94	3.1	1	<0.2	167.0	<0.05	<0.05	0.3	0.012	0.18
Q013083		200	10.4	8.6	0.002	0.03	1.47	9.0	1	0.2	217	0.08	<0.05	1.0	0.039	0.49
Q013084		>10000	5.2	26.1	0.064	0.23	26.4	58.7	66	0.9	2070	0.24	0.29	3.7	0.123	6.01
Q013085		5800	10.3	60.6	0.592	0.41	8.27	10.6	28	1.6	515	0.54	0.15	7.3	0.294	14.05
Q013086		2420	18.3	24.4	0.019	0.20	24.5	6.9	36	0.8	658	0.16	0.27	4.0	0.083	4.46
Q013087		350	4.2	16.6	0.020	0.14	4.76	1.2	7	1.1	91.6	0.40	<0.05	2.0	0.045	1.54
Q013088		4360	23.3	74.9	0.006	0.27	15.60	7.0	28	1.7	1045	0.61	0.15	10.2	0.219	11.05
Q013089		9830	12.1	53.5	0.018	0.21	11.55	5.2	17	1.7	757	0.40	0.10	5.2	0.165	7.29
Q013090		2250	21.4	91.6	0.007	0.28	25.9	7.4	16	1.8	564	0.61	0.20	8.2	0.293	15.65
Q013091		80	10.3	3.4	<0.002	<0.01	0.56	2.6	1	<0.2	186.0	<0.05	<0.05	0.3	0.014	0.19
Q013092		800	18.2	37.1	<0.002	0.06	3.78	6.8	4	0.8	251	0.32	<0.05	3.8	0.151	1.37
Q013093		120	2.9	6.0	0.002	0.01	0.66	1.8	1	0.2	264	0.05	<0.05	0.6	0.024	0.23
Q013094		1060	18.5	58.7	0.002	0.07	3.78	9.1	5	1.2	269	0.51	0.10	6.1	0.248	1.43
Q013095		210	3.7	4.4	<0.002	<0.01	0.45	1.8	1	<0.2	195.0	<0.05	<0.05	0.4	0.014	0.27
Q013096		1100	38.4	60.4	0.002	0.10	14.00	9.8	14	1.1	239	0.33	0.07	5.0	0.157	3.67
Q013097		1410	20.2	54.1	0.003	0.09	4.15	8.8	7	1.0	328	0.41	0.07	5.1	0.200	2.40
Q013098		200	7.3	12.5	0.002	0.02	1.94	3.0	2	0.2	218	0.08	<0.05	1.1	0.035	0.59
Q013099		2270	25.2	63.7	0.003	0.14	10.10	9.3	11	1.2	430	0.47	0.14	6.1	0.216	4.77

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VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001	Ba-XRF10 Ba % 0.01
Q013060		11.6	4890	1.0	15.8	1140	112.5		
Q013061		13.6	2390	1.2	19.8	698	110.5		
Q013062		9.6	1100	1.3	16.1	195	112.5		
Q013063		6.1	698	3.2	25.1	143	92.1		
Q013064		8.6	1300	4.0	35.5	171	89.5		
Q013065		6.6	899	3.0	27.4	129	78.4		
Q013066		3.8	15	0.2	3.2	20	3.9		
Q013067		2.4	90	0.9	11.8	133	26.1		
Q013068		3.6	60	0.2	17.4	310	5.6		
Q013069		3.2	196	1.0	35.8	883	27.4		
Q013070		3.3	287	1.1	44.9	705	36.9		
Q013071		4.6	365	1.5	63.3	1280	39.4		
Q013072		2.6	114	0.7	15.4	167	26.7		
Q013073		2.4	133	0.8	18.5	109	31.2		
Q013074		3.2	23	0.2	10.0	30	4.1		
Q013075		3.3	213	1.4	25.3	158	47.0		
Q013076		4.8	406	2.0	17.1	128	101.5		
Q013077		29.3	1080	1.5	33.3	814	96.2		
Q013078		19.9	635	1.6	28.9	506	84.3		
Q013079		37.9	790	1.1	55.9	704	101.0		
Q013080		27.8	887	1.7	53.0	653	105.0		
Q013081		25.1	681	1.5	68.1	1040	103.0		
Q013082		2.9	24	0.3	10.6	38	4.9		
Q013083		2.8	52	0.5	20.6	91	12.7		
Q013084		79.2	1120	2.0	217	3110	57.5		
Q013085		27.1	396	3.3	34.1	391	91.4		
Q013086		7.3	1030	1.3	9.0	424	36.5		
Q013087		3.0	270	0.8	4.3	9	23.5		
Q013088		20.5	1340	1.9	23.8	31	73.2		
Q013089		23.3	870	1.5	28.3	22	59.2		
Q013090		18.0	1090	2.6	18.4	24	92.9		
Q013091		3.0	29	0.2	21.9	89	6.2		
Q013092		3.7	183	1.1	24.3	325	46.2		
Q013093		1.6	29	0.2	10.7	57	7.0		
Q013094		3.8	210	1.2	27.0	232	60.4		
Q013095		3.3	32	0.3	12.4	42	4.5		
Q013096		5.9	471	3.0	48.6	1880	54.1		
Q013097		4.6	247	1.3	30.6	461	50.8		
Q013098		2.0	72	0.6	14.4	317	11.7		
Q013099		8.1	562	1.9	34.4	717	61.7		

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Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q013100		0.35	0.01	0.46	1.29	1020	1100	0.79	0.06	32.2	14.60	13.80	5.9	21	2.51	13.2

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q013100		2.04	3.07	0.09	0.6	0.4	0.014	0.39	8.4	6.6	0.31	252	5.77	0.13	2.4	101.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013100		450	9.3	19.7	<0.002	0.03	2.30	3.9	3	0.4	250	0.15	<0.05	2.0	0.078	1.01

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Finalized Date: 15-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138741

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001	Ba-XRF10 Ba % 0.01
Q013100		2.5	112	0.7	17.5	379	20.5		

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CERTIFICATE OF ANALYSIS WH13138741

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
Applies to Method: ME-MS61

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	As-OG62	Au-AA26	Ba-XRF10	Hg-CV41
	ME-MS61	ME-OG62	ME-XRF10	OA-GRA06

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

CERTIFICATE WH13141812

Project: Nadaleen

P.O. No.: AnEx-5

This report is for 92 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012049		0.38	<0.01	0.09	0.68	123	140	0.32	0.04	33.2	1.70	7.94	1.7	8	1.39	4.8
Q012050		0.14	<0.01	0.33	2.49	529	390	0.98	0.11	24.5	2.89	33.4	7.6	31	5.94	17.5
Q012051		0.28	<0.01	0.10	1.17	191	200	0.46	0.05	30.8	1.39	13.60	2.5	15	2.62	6.9
Q012052		0.31	<0.01	0.04	1.66	96	250	0.41	0.05	25.5	0.78	19.60	2.2	17	3.18	5.3
Q012053		0.34	<0.01	0.03	0.19	39	60	0.09	0.02	34.9	0.10	2.30	0.7	3	0.31	1.5
Q012054		0.26	<0.01	0.07	0.53	69	90	0.22	0.04	31.6	0.34	6.06	1.4	7	0.97	3.2
Q012055		0.17	<0.01	0.65	6.46	744	980	2.10	0.25	5.84	2.18	78.0	14.7	82	11.85	30.3
Q012056		0.18	<0.01	0.03	0.11	628	30	0.26	0.02	34.9	0.19	2.54	0.9	5	0.23	1.2
Q012057		0.24	<0.01	0.37	3.18	532	340	1.44	0.15	23.6	2.18	37.7	7.8	32	9.31	27.6
Q012058		0.24	<0.01	0.15	0.60	123	90	0.45	0.05	33.5	1.10	7.25	1.8	7	1.82	6.7
Q012059		0.23	<0.01	0.29	3.39	581	360	1.46	0.15	22.0	2.76	42.3	12.8	36	9.09	32.5
Q012060		0.19	<0.01	0.10	0.54	89	90	0.37	0.04	34.9	1.20	6.34	1.6	6	1.39	5.4
Q012061		0.22	<0.01	0.33	0.97	291	260	0.62	0.05	36.0	5.84	13.50	2.1	13	1.52	10.0
Q012062		0.23	<0.01	0.22	1.18	174	230	0.57	0.06	34.9	2.29	14.50	2.8	17	2.34	8.6
Q012063		0.20	<0.01	0.57	6.25	1060	640	2.55	0.23	12.15	2.32	68.5	13.0	62	14.50	75.6
Q012064		0.43	<0.01	0.11	0.76	175	160	0.52	0.05	33.1	2.36	9.92	2.4	10	1.67	9.1
Q012065		0.36	<0.01	0.33	3.10	644	480	1.62	0.13	21.1	2.57	36.0	7.8	35	6.14	32.2
Q012066		0.27	<0.01	0.06	0.22	63	60	0.25	0.03	35.5	1.41	2.89	0.8	4	0.49	3.1
Q012067		0.35	<0.01	0.32	0.63	178	130	0.54	0.04	34.1	3.50	10.15	2.9	7	1.36	5.0
Q012068		0.46	0.02	0.09	0.40	765	110	0.59	0.03	34.4	1.25	5.44	3.2	6	0.89	3.4
Q012069		0.21	0.04	0.28	1.17	2850	290	0.79	0.07	28.8	3.18	14.15	9.2	18	2.74	9.3
Q012070		0.38	<0.01	0.10	0.29	67	110	0.22	0.03	33.8	0.54	4.97	1.1	6	0.40	2.5
Q012071		0.26	0.01	0.33	1.94	327	350	0.71	0.08	26.2	1.02	23.4	4.6	25	2.76	9.7
Q012072		0.34	<0.01	0.06	0.14	93	60	0.11	0.03	36.1	0.40	6.74	1.2	4	0.24	5.5
Q012073		0.25	<0.01	0.31	2.77	314	390	0.88	0.13	24.6	1.09	35.8	7.4	34	5.17	17.8
Q012074		0.24	<0.01	0.06	0.14	112	60	0.18	0.03	35.2	0.36	4.91	1.6	4	0.30	7.4
Q012075		0.39	<0.01	0.06	0.05	84	50	0.13	0.03	36.7	0.29	4.10	1.3	3	0.14	6.1
Q012076		0.18	<0.01	0.44	6.35	469	960	1.86	0.25	2.91	2.84	70.5	13.0	85	8.97	30.2
Q012077		0.17	<0.01	0.06	0.31	37	70	0.13	0.03	33.7	0.42	3.94	1.0	5	0.46	2.3
Q012078		0.26	<0.01	0.03	0.21	72	180	0.66	0.03	35.6	0.33	3.12	0.7	3	0.65	2.1
Q012079		0.20	<0.01	0.06	0.26	56	60	0.42	0.03	35.5	0.23	4.12	0.9	4	0.74	2.6
Q012080		0.22	<0.01	0.07	0.44	106	70	0.66	0.04	33.8	0.28	6.94	1.2	5	1.26	5.1
Q012081		0.26	0.01	0.41	5.04	9510	620	2.35	0.14	13.40	12.60	41.9	77.6	49	14.10	59.2
Q012082		0.28	<0.01	0.46	6.25	7860	2290	3.57	0.23	2.55	5.60	40.6	98.4	81	20.0	123.0
Q012083		0.51	<0.01	0.09	0.13	171	50	0.25	0.02	35.4	2.62	1.60	2.2	2	0.32	1.9
Q012084		0.22	0.01	0.50	5.21	9370	700	2.54	0.13	14.35	12.45	39.8	66.5	49	11.95	60.7
Q012085		0.23	<0.01	0.15	0.56	936	130	0.39	0.03	33.4	9.20	6.38	8.4	7	1.44	8.4
Q012086		0.57	<0.01	0.07	0.06	54	30	0.17	0.01	37.7	8.89	1.00	0.8	2	0.13	4.1
Q012087		0.18	<0.01	0.34	3.52	1060	430	1.65	0.15	24.4	1.93	40.3	7.7	37	10.30	32.2
Q012088		0.14	<0.01	0.12	0.71	137	250	0.47	0.05	33.7	2.05	9.84	1.8	9	1.52	7.2

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VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012049		0.42	1.65	0.11	0.3	0.10	0.006	0.24	4.3	4.1	0.86	80	1.61	0.04	1.3	15.0
Q012050		1.79	6.27	0.25	1.1	0.30	0.020	0.86	19.0	12.9	0.41	223	3.80	0.13	5.7	54.2
Q012051		0.74	2.83	0.24	0.6	0.2	<0.005	0.50	6.9	5.7	1.32	147	3.05	0.05	2.3	23.5
Q012052		0.75	4.15	0.24	0.7	0.18	0.009	0.77	8.8	8.8	4.03	89	2.75	0.05	2.7	15.3
Q012053		0.11	0.52	0.19	0.1	0.1	<0.005	0.07	1.5	1.2	0.21	26	2.55	0.01	0.4	2.9
Q012054		0.33	1.31	0.19	0.2	0.3	<0.005	0.17	3.4	2.8	1.57	79	1.28	0.04	0.9	7.9
Q012055		4.09	15.45	0.20	2.3	2.66	0.046	1.97	42.9	30.5	1.58	574	5.14	0.51	12.5	86.8
Q012056		0.60	0.36	0.12	0.1	0.7	<0.005	0.04	1.6	0.7	0.13	224	1.76	0.01	0.2	3.5
Q012057		1.83	7.43	0.18	1.3	0.5	0.020	1.05	20.8	18.7	0.36	161	2.48	0.06	5.5	84.6
Q012058		0.37	1.54	0.14	0.3	0.2	<0.005	0.20	4.0	4.1	0.22	97	0.78	0.02	1.1	17.9
Q012059		2.47	8.04	0.16	1.5	0.78	0.023	1.13	22.8	20.3	0.38	330	3.69	0.07	7.1	110.5
Q012060		0.34	1.27	0.11	0.2	0.2	<0.005	0.19	3.6	3.2	0.26	89	0.89	0.02	1.0	14.1
Q012061		0.58	2.37	0.11	0.6	0.84	0.006	0.40	6.8	4.1	0.42	173	2.24	0.02	1.8	32.1
Q012062		0.73	2.86	0.12	0.5	0.3	0.007	0.39	8.0	5.9	0.29	273	3.47	0.07	2.1	20.5
Q012063		3.86	14.50	0.17	2.5	0.55	0.043	1.86	39.4	38.6	0.54	288	4.41	0.23	10.8	148.5
Q012064		0.65	1.90	0.12	0.4	0.15	0.006	0.25	5.4	4.3	0.21	124	1.13	0.06	1.6	26.1
Q012065		2.35	6.57	0.14	1.3	0.57	0.020	0.92	19.8	15.3	0.40	234	3.15	0.20	5.8	97.9
Q012066		0.17	0.57	0.13	0.1	0.06	<0.005	0.07	1.6	1.4	0.14	90	0.42	0.02	0.4	5.9
Q012067		0.68	1.57	0.10	0.3	0.74	<0.005	0.29	5.0	2.9	0.25	170	2.12	0.02	1.2	16.2
Q012068		1.15	1.00	0.10	0.2	0.5	<0.005	0.13	4.3	2.1	0.67	400	1.21	0.03	0.7	65.7
Q012069		4.05	2.99	0.12	0.5	1.9	0.010	0.38	9.6	5.8	0.44	503	3.93	0.09	2.1	216
Q012070		0.28	0.77	0.10	0.1	0.13	<0.005	0.09	4.2	1.7	0.95	283	0.57	0.04	0.6	6.0
Q012071		1.34	4.46	0.12	0.7	1.2	0.012	0.61	13.2	8.8	0.36	406	1.17	0.27	3.8	23.7
Q012072		0.47	0.47	0.10	0.1	0.13	<0.005	0.04	10.1	0.9	0.20	84	4.23	0.02	0.3	16.4
Q012073		1.87	6.62	0.11	1.1	0.40	0.023	0.86	24.1	13.9	0.47	259	3.58	0.25	5.1	39.0
Q012074		0.65	0.44	0.10	0.1	0.1	<0.005	0.04	7.0	0.9	0.17	80	5.43	0.01	0.3	18.9
Q012075		0.48	0.25	0.08	<0.1	<0.1	<0.005	0.02	6.6	0.5	0.17	70	4.53	<0.01	0.1	17.5
Q012076		4.01	14.45	0.15	2.3	0.74	0.047	1.66	37.5	29.3	0.76	550	10.00	0.63	11.3	71.6
Q012077		0.20	0.77	0.08	0.1	0.1	<0.005	0.09	2.1	1.6	0.22	64	1.36	0.03	0.6	4.2
Q012078		0.18	0.58	0.09	0.1	0.11	<0.005	0.07	2.2	1.4	0.14	526	0.25	0.01	0.3	4.1
Q012079		0.20	0.76	0.09	0.1	0.09	<0.005	0.09	3.1	1.9	0.18	215	0.58	0.01	0.5	4.8
Q012080		0.36	1.15	0.10	0.2	0.1	<0.005	0.15	4.3	3.0	0.15	356	0.64	0.01	1.0	7.8
Q012081		10.95	10.25	0.18	1.5	2.4	0.026	1.52	23.5	25.7	0.34	197	32.4	0.05	5.1	2540
Q012082		13.90	16.35	0.16	2.2	1.00	0.049	2.29	19.7	33.4	0.35	391	12.80	0.08	10.1	1250
Q012083		0.24	0.31	0.08	<0.1	0.2	<0.005	0.05	1.0	0.8	0.18	70	1.00	<0.01	0.2	35.7
Q012084		11.95	10.10	0.18	1.3	1.36	0.027	1.37	23.2	27.4	0.34	224	30.3	0.07	5.1	1620
Q012085		1.26	1.31	0.06	0.2	0.89	<0.005	0.19	3.5	3.0	0.20	131	4.43	0.02	0.8	202
Q012086		0.08	0.13	0.08	<0.1	0.07	<0.005	0.02	0.6	0.5	0.14	56	0.60	<0.01	0.1	15.9
Q012087		2.32	7.80	0.13	1.4	2.74	0.027	1.13	23.4	19.2	0.40	163	3.23	0.07	6.0	88.6
Q012088		0.45	1.63	0.09	0.3	2.07	0.010	0.24	5.4	3.6	0.26	116	1.14	0.03	1.4	16.4

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Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description / Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012049	300	6.1	10.3	<0.002	0.01	0.48	1.6	<1	0.2	152.0	0.09	<0.05	1.1	0.042	0.18
Q012050	680	22.7	43.6	0.002	0.02	2.06	5.1	2	1.0	170.5	0.36	<0.05	4.2	0.164	0.85
Q012051	440	7.4	19.2	0.003	0.01	0.73	2.6	1	0.5	159.0	0.14	<0.05	1.8	0.078	0.30
Q012052	710	4.2	32.7	0.005	0.02	0.54	3.2	1	0.7	151.5	0.18	<0.05	2.7	0.085	0.31
Q012053	80	1.6	3.3	0.002	0.01	0.19	0.4	1	0.2	148.5	<0.05	<0.05	0.3	0.011	0.08
Q012054	140	4.9	8.1	<0.002	<0.01	0.34	1.2	<1	0.3	131.0	0.06	<0.05	0.8	0.030	0.17
Q012055	830	53.2	99.6	<0.002	0.03	3.37	11.9	2	2.2	179.5	0.85	0.07	10.1	0.395	1.94
Q012056	40	1.9	1.8	<0.002	0.01	0.62	10.4	<1	<0.2	53.9	<0.05	<0.05	0.3	0.007	0.13
Q012057	540	27.0	54.4	0.002	0.01	1.90	5.3	1	1.1	157.0	0.37	<0.05	5.0	0.161	1.10
Q012058	140	7.0	10.3	<0.002	0.01	0.47	1.3	1	0.3	140.0	0.07	<0.05	1.0	0.033	0.23
Q012059	570	23.6	57.1	<0.002	0.01	1.93	6.4	3	1.2	160.5	0.48	<0.05	5.4	0.213	1.19
Q012060	150	6.1	8.7	0.002	0.01	0.34	1.2	1	0.2	151.0	0.07	<0.05	0.9	0.032	0.19
Q012061	890	19.3	16.7	0.004	0.03	0.88	3.3	1	0.4	211	0.11	<0.05	1.7	0.057	0.68
Q012062	540	15.1	19.3	0.002	0.01	0.81	2.8	1	0.4	182.0	0.13	<0.05	2.0	0.064	0.26
Q012063	880	38.3	97.4	0.003	0.02	3.05	10.6	3	1.8	178.5	0.76	0.08	10.1	0.345	1.58
Q012064	230	8.2	11.9	<0.002	0.01	0.55	2.1	1	0.4	109.5	0.11	<0.05	1.3	0.049	0.22
Q012065	690	25.1	46.1	<0.002	0.01	1.99	5.7	2	1.0	149.0	0.39	<0.05	4.7	0.176	0.77
Q012066	60	3.9	3.5	<0.002	<0.01	0.20	0.8	1	0.2	98.8	<0.05	<0.05	0.4	0.013	0.05
Q012067	450	9.9	11.3	0.002	0.01	0.45	1.7	1	0.3	107.0	0.08	<0.05	1.2	0.034	0.15
Q012068	160	7.8	5.8	<0.002	0.01	0.78	1.7	1	0.2	183.0	<0.05	<0.05	0.6	0.022	0.52
Q012069	360	27.1	17.5	<0.002	0.02	2.77	3.4	4	0.5	213	0.14	<0.05	1.7	0.063	1.35
Q012070	270	10.0	4.3	0.002	0.02	0.33	0.8	1	0.2	229	<0.05	<0.05	0.5	0.020	0.10
Q012071	540	72.2	29.6	0.002	0.01	1.15	4.0	1	0.6	212	0.25	<0.05	2.8	0.125	0.51
Q012072	390	3.4	2.1	0.003	0.02	1.85	0.7	2	0.2	253	<0.05	<0.05	0.3	0.009	0.10
Q012073	610	26.6	43.4	0.002	0.03	2.33	5.4	2	1.0	240	0.34	<0.05	4.2	0.162	0.86
Q012074	190	4.9	2.1	0.002	0.02	2.42	0.6	2	<0.2	242	<0.05	<0.05	0.3	0.008	0.17
Q012075	220	2.8	1.0	0.004	0.01	1.49	0.4	1	<0.2	220	<0.05	<0.05	<0.2	0.005	0.15
Q012076	730	28.5	87.1	0.003	0.06	2.86	11.6	5	2.0	156.0	0.77	0.05	9.4	0.365	1.66
Q012077	60	3.7	4.7	0.006	0.01	0.21	0.8	1	0.2	196.0	<0.05	<0.05	0.5	0.019	0.11
Q012078	50	1.6	3.5	<0.002	0.01	0.15	2.8	1	0.2	16.9	<0.05	<0.05	0.3	0.010	0.08
Q012079	140	3.6	4.5	0.002	0.01	0.29	0.8	1	0.2	132.0	<0.05	<0.05	0.5	0.017	0.11
Q012080	190	4.5	7.5	0.002	<0.01	0.43	1.7	<1	0.2	78.3	0.06	<0.05	0.8	0.030	0.19
Q012081	1000	74.3	70.9	0.002	0.02	9.16	6.7	32	1.4	194.5	0.36	<0.05	5.6	0.150	4.10
Q012082	1000	62.7	80.9	0.003	0.07	6.37	8.1	20	2.1	259	0.69	0.07	6.2	0.280	7.64
Q012083	70	3.2	2.1	0.002	<0.01	0.22	0.3	1	<0.2	133.5	<0.05	<0.05	0.2	0.005	0.14
Q012084	900	65.0	62.9	0.002	0.06	9.74	6.7	36	1.2	177.5	0.34	0.05	5.4	0.155	8.46
Q012085	170	8.2	8.6	0.002	0.01	1.21	1.3	3	0.3	140.0	0.05	<0.05	0.8	0.023	0.86
Q012086	30	2.6	1.0	0.002	<0.01	0.13	0.5	<1	<0.2	95.9	<0.05	<0.05	<0.2	<0.005	0.05
Q012087	750	28.6	63.2	<0.002	0.01	2.07	6.0	2	1.0	181.5	0.41	<0.05	6.2	0.187	1.21
Q012088	250	9.7	12.9	<0.002	0.01	0.53	2.4	<1	0.2	157.0	0.09	<0.05	1.5	0.043	0.21

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Zn- OG62 Zn % 0.001	As- OG62 As % 0.001
Q012049		4.5	23	0.4	4.7	121	9.9		
Q012050		4.9	95	1.3	12.9	415	43.1		
Q012051		6.2	38	0.5	6.5	196	17.8		
Q012052		7.8	33	0.7	5.8	89	23.4		
Q012053		1.7	5	0.1	1.6	13	3.1		
Q012054		2.4	17	0.2	3.1	49	7.3		
Q012055		3.9	198	2.3	26.6	543	88.2		
Q012056		3.6	21	0.1	6.3	30	1.9		
Q012057		3.3	92	1.5	19.6	584	45.9		
Q012058		2.4	19	0.4	5.2	120	9.2		
Q012059		3.0	100	1.3	24.5	742	56.8		
Q012060		1.9	17	0.4	4.7	117	8.3		
Q012061		5.5	24	1.4	15.3	568	17.2		
Q012062		6.4	34	0.9	8.8	179	19.0		
Q012063		4.3	175	2.5	35.0	814	86.9		
Q012064		2.1	26	0.5	8.1	162	12.8		
Q012065		3.5	93	1.5	23.5	582	46.9		
Q012066		1.6	8	0.2	3.3	38	4.0		
Q012067		5.2	15	0.5	9.4	170	12.4		
Q012068		2.5	24	0.3	11.3	269	6.2		
Q012069		3.4	55	0.7	17.7	739	17.1		
Q012070		3.7	19	0.2	6.7	38	4.4		
Q012071		3.5	66	0.7	12.9	138	24.7		
Q012072		4.1	17	0.1	13.0	63	3.1		
Q012073		3.8	88	0.9	19.2	218	41.1		
Q012074		3.2	15	0.2	8.7	53	2.7		
Q012075		4.4	13	0.2	8.3	43	1.7		
Q012076		3.2	172	1.7	21.7	312	82.8		
Q012077		1.9	12	0.1	2.0	30	4.6		
Q012078		2.0	28	0.1	12.4	26	3.5		
Q012079		3.0	18	0.1	5.5	26	4.4		
Q012080		2.1	32	0.2	9.9	42	8.3		
Q012081		4.7	149	2.3	32.3	9330	50.2		
Q012082		4.8	277	3.6	23.5	>10000	76.8	1.015	
Q012083		2.0	4	0.2	2.6	214	1.8		
Q012084		4.8	196	3.0	40.9	9320	48.1		
Q012085		2.2	19	0.4	7.8	1060	7.3		
Q012086		2.0	2	0.1	3.6	83	0.9		
Q012087		4.9	98	2.1	18.4	504	48.4		
Q012088		2.4	19	0.5	7.5	127	11.6		

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 20-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012089		0.31	<0.01	0.13	0.57	156	470	0.45	0.02	35.5	1.94	7.73	2.7	8	0.83	4.2
Q012090		0.29	<0.01	0.20	1.73	219	270	0.74	0.07	28.9	1.37	22.9	4.0	22	3.03	11.5
Q012091		0.29	<0.01	0.03	0.06	19	30	0.13	0.01	37.4	2.96	3.55	0.6	2	0.10	1.4
Q012092		0.17	0.01	0.72	7.05	1945	810	3.43	0.28	9.10	1.40	71.3	13.6	96	31.5	74.4
Q012093		0.24	<0.01	0.23	1.13	365	180	0.68	0.04	34.0	0.99	17.60	2.2	17	4.14	11.3
Q012094		0.17	0.01	0.77	7.61	2550	3480	3.53	0.27	10.45	1.71	85.7	14.3	95	32.4	75.9
Q012095		0.29	<0.01	0.15	0.14	94	70	0.20	0.01	37.5	1.19	5.08	0.5	5	0.46	3.1
Q012096		0.28	0.01	0.64	7.45	1920	700	2.99	0.27	11.55	1.43	89.0	13.4	78	26.2	64.2
Q012097		0.26	<0.01	0.08	0.10	29	60	0.17	0.01	36.4	0.21	1.85	0.4	3	0.24	1.7
Q012098		0.17	<0.01	0.29	1.74	207	340	0.72	0.07	22.3	0.89	20.7	3.1	29	4.25	14.2
Q012099		0.23	<0.01	0.22	0.90	111	190	0.48	0.04	27.7	0.99	10.90	1.6	17	2.03	7.6
Q012100		0.24	<0.01	0.11	1.06	127	140	0.39	0.04	29.5	0.77	16.55	1.4	12	2.04	4.9
Q012101		0.25	<0.01	0.13	0.67	106	120	0.40	0.02	30.5	0.80	8.60	1.3	10	1.55	5.5
Q012102		0.15	<0.01	0.29	1.49	207	300	0.79	0.06	24.8	1.20	19.15	2.7	27	3.76	13.1
Q012103		0.22	<0.01	0.15	0.60	122	100	0.41	0.02	27.8	1.51	7.14	1.2	10	1.88	6.8
Q012104		0.17	<0.01	0.26	0.50	128	80	0.58	0.02	34.2	1.84	6.23	1.0	6	1.56	6.9
Q012105		0.22	<0.01	0.37	2.08	775	260	1.88	0.07	24.5	1.44	22.2	4.6	28	7.21	29.7
Q012106		0.18	<0.01	0.50	0.38	100	50	0.34	0.02	26.9	1.43	4.26	0.9	5	1.34	5.2
Q012107		0.25	<0.01	0.19	0.95	250	130	0.64	0.04	22.1	1.00	10.15	2.1	12	3.72	12.6
Q012108		0.23	<0.01	0.31	0.62	111	130	0.37	0.03	29.2	1.16	7.70	0.9	10	1.06	3.7
Q012109		0.15	<0.01	0.42	1.97	154	410	0.73	0.07	19.05	0.88	23.6	3.0	39	3.42	12.4
Q012110		0.26	<0.01	0.23	0.55	56	90	0.30	0.03	34.1	0.45	6.86	0.8	10	0.72	3.4
Q012111		0.15	<0.01	0.04	0.15	75	90	0.23	0.01	29.0	0.85	2.19	1.1	4	0.23	1.7
Q012112		0.17	<0.01	0.08	0.53	158	140	0.33	0.02	31.8	2.11	7.04	1.7	8	0.85	3.4
Q012113		0.18	<0.01	0.04	0.19	61	90	0.22	0.02	33.2	1.11	2.66	0.7	3	0.45	1.7
Q012114		0.18	<0.01	0.09	0.59	185	130	0.34	0.03	30.2	2.94	7.26	1.6	10	1.14	4.6
Q012115		0.45	<0.01	0.09	0.43	280	130	0.46	0.02	33.2	10.00	5.49	2.0	7	1.10	2.9
Q012116		0.18	<0.01	0.29	0.28	338	110	0.66	0.01	35.3	2.04	4.61	5.3	6	0.31	3.8
Q012117		0.36	<0.01	0.19	0.04	21	50	0.13	<0.01	38.0	0.54	3.16	0.3	6	0.05	2.0
Q012118		0.25	0.01	1.62	3.02	16.7	3290	0.69	0.22	0.86	6.16	31.7	1.4	76	7.98	19.7
Q012119		0.28	0.01	7.66	4.19	60.9	4930	1.34	0.26	3.33	29.3	47.4	3.3	290	11.00	59.0
Q012120		0.23	0.01	0.77	3.40	10.0	3430	0.78	0.26	0.17	3.41	31.7	0.7	53	9.59	11.5
Q012121		0.20	<0.01	0.28	3.70	572	440	1.22	0.11	19.90	3.03	43.5	16.2	42	5.58	15.4
Q012122		0.13	<0.01	0.85	6.12	894	1020	1.70	0.24	9.78	6.25	57.6	20.5	78	9.34	28.5
Q012123		0.16	0.02	4.82	8.00	>10000	1360	4.98	0.16	0.89	96.7	75.9	48.0	123	20.7	119.5
Q012124		0.19	0.01	3.71	7.39	>10000	1370	4.69	0.13	0.98	90.4	50.6	24.0	127	8.76	155.0
Q012125		0.24	0.01	2.43	8.96	>10000	1660	5.32	0.15	1.08	79.1	61.5	23.3	135	11.15	127.0
Q012126		0.22	0.01	3.20	4.32	>10000	1160	4.58	0.11	4.90	186.0	34.0	28.9	74	6.15	161.5
Q012127		0.27	<0.01	0.18	0.46	245	80	0.38	0.04	30.0	0.89	4.70	1.3	6	0.65	3.5
Q012128		0.23	0.02	12.75	6.59	>10000	4240	14.70	0.21	0.79	163.5	71.5	167.0	92	36.6	161.0

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Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012089		0.52	1.22	0.09	0.2	3.86	0.005	0.21	4.1	2.3	0.35	167	2.35	0.01	0.9	11.6
Q012090		1.08	3.84	0.12	0.8	2.81	0.018	0.54	12.1	8.4	0.61	222	1.69	0.12	3.4	25.3
Q012091		0.05	0.17	0.12	<0.1	0.07	<0.005	0.02	1.7	0.5	0.17	87	0.27	<0.01	0.1	2.9
Q012092		4.66	20.6	0.19	2.9	0.74	0.070	2.75	44.5	52.5	0.50	209	5.66	0.13	11.3	158.0
Q012093		0.80	2.75	0.12	0.4	0.35	0.011	0.36	18.0	6.7	0.21	98	1.18	0.03	1.6	28.5
Q012094		5.42	20.1	0.18	2.8	1.16	0.063	2.62	60.5	50.7	0.53	228	5.96	0.13	10.6	197.5
Q012095		0.12	0.52	0.12	0.1	0.21	<0.005	0.05	8.5	1.1	0.15	69	0.51	<0.01	0.2	4.8
Q012096		4.57	18.30	0.18	2.8	0.72	0.057	2.57	54.0	47.0	0.56	224	4.81	0.12	11.0	138.5
Q012097		0.08	0.29	0.10	<0.1	0.19	<0.005	0.03	2.3	0.7	0.19	63	0.49	0.01	0.2	2.9
Q012098		1.05	3.93	0.12	0.7	0.22	0.016	0.57	12.0	8.0	4.71	167	1.35	0.11	3.2	27.5
Q012099		0.49	2.10	0.14	0.4	0.23	0.009	0.32	6.4	4.2	4.66	143	0.64	0.05	1.7	13.8
Q012100		0.48	2.40	0.13	0.3	0.77	0.009	0.49	7.4	3.2	3.66	96	0.88	0.01	1.4	9.8
Q012101		0.37	1.56	0.13	0.3	0.24	0.007	0.27	5.0	3.1	4.16	89	0.63	0.02	1.2	12.3
Q012102		0.93	3.44	0.15	0.7	0.20	0.013	0.50	11.1	6.9	5.20	143	1.43	0.09	2.8	29.1
Q012103		0.39	1.36	0.13	0.2	0.10	0.007	0.20	4.2	3.0	6.87	121	0.64	0.02	1.0	16.5
Q012104		0.31	1.14	0.15	0.2	0.22	0.006	0.18	3.4	2.5	2.28	123	0.44	0.01	0.7	14.0
Q012105		1.84	4.74	0.12	0.8	0.25	0.014	0.73	12.4	9.3	5.81	205	1.93	0.04	3.1	88.3
Q012106		0.24	0.89	0.14	0.1	0.07	<0.005	0.13	2.4	2.2	8.78	99	0.44	0.01	0.5	13.2
Q012107		0.65	2.19	0.16	0.4	0.12	0.008	0.31	6.0	5.3	8.77	113	0.96	0.03	1.4	31.8
Q012108		0.35	1.53	0.17	0.3	0.56	<0.005	0.24	4.0	3.0	4.86	95	0.43	0.02	1.1	6.0
Q012109		1.15	4.55	0.14	0.9	1.17	0.018	0.69	14.3	9.8	4.38	171	1.26	0.09	3.6	18.9
Q012110		0.23	1.20	0.16	0.2	0.6	0.005	0.20	4.8	2.4	1.58	77	0.36	0.01	0.8	4.3
Q012111		0.13	0.35	0.19	0.1	0.2	<0.005	0.06	1.7	1.1	6.89	87	0.17	0.01	0.2	7.8
Q012112		0.42	1.20	0.18	0.2	0.5	<0.005	0.16	4.6	2.5	2.74	157	0.49	0.05	0.9	16.6
Q012113		0.17	0.44	0.14	0.1	0.2	<0.005	0.07	1.6	1.0	2.43	122	0.21	0.02	0.3	8.2
Q012114		0.43	1.35	0.14	0.2	0.6	0.006	0.19	4.4	2.6	4.02	178	0.52	0.06	1.0	18.7
Q012115		0.45	1.04	0.13	0.2	3.3	0.006	0.15	3.6	2.3	3.24	264	0.52	0.02	0.6	29.7
Q012116		1.69	0.61	0.09	0.1	0.2	<0.005	0.08	4.8	2.3	0.30	197	1.32	0.02	0.4	81.9
Q012117		0.04	0.15	0.09	<0.1	0.16	<0.005	0.01	7.0	0.4	0.16	133	0.20	0.01	0.1	2.7
Q012118		1.36	6.78	0.15	1.2	0.25	0.031	1.03	20.0	13.7	0.20	53	6.66	0.05	3.8	30.2
Q012119		2.08	10.55	0.21	1.9	0.43	0.049	1.35	37.9	17.8	0.43	119	35.0	0.11	6.5	118.0
Q012120		1.26	7.43	0.16	1.4	0.16	0.031	1.19	19.2	12.5	0.20	30	2.47	0.05	4.1	17.0
Q012121		1.75	8.98	0.15	1.5	0.35	0.036	1.84	28.4	11.7	1.53	389	7.40	0.03	6.0	82.8
Q012122		2.95	17.00	0.13	2.4	0.47	0.061	3.05	38.0	20.1	2.25	405	10.85	0.06	13.4	129.0
Q012123		4.93	13.40	0.21	2.0	3.59	0.067	1.84	62.9	24.7	0.43	798	17.40	0.08	10.3	372
Q012124		4.02	8.37	0.17	1.2	3.80	0.063	1.08	46.6	16.2	0.25	594	21.9	0.05	5.7	335
Q012125		5.45	10.45	0.17	1.6	3.75	0.074	1.26	48.4	21.7	0.35	577	15.15	0.11	8.7	323
Q012126		8.45	6.05	0.10	0.9	5.76	0.031	0.75	25.7	14.2	0.84	771	19.45	0.05	3.7	323
Q012127		0.30	1.10	<0.05	0.2	0.05	0.011	0.20	3.1	2.5	5.19	97	1.29	0.01	0.7	6.8
Q012128		5.59	17.20	0.13	2.3	4.28	0.057	2.43	56.5	23.6	0.48	34700	31.8	0.04	9.2	7240

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012089		460	9.9	9.9	0.002	0.01	0.40	2.2	1	0.2	260	0.05	<0.05	0.9	0.027	0.11
Q012090		380	14.0	28.3	<0.002	<0.01	0.95	3.8	<1	0.5	156.0	0.23	<0.05	3.3	0.111	0.39
Q012091		40	6.7	1.0	<0.002	<0.01	0.10	2.6	1	<0.2	146.5	<0.05	<0.05	0.2	<0.005	0.03
Q012092		1820	59.7	106.0	<0.002	0.02	4.88	12.6	2	2.4	213	0.82	0.08	10.9	0.349	3.16
Q012093		870	14.4	20.6	<0.002	0.01	1.24	2.7	1	0.3	260	0.10	<0.05	2.1	0.049	0.44
Q012094		2580	75.2	130.0	<0.002	0.09	6.63	14.3	3	2.3	265	0.74	0.07	12.5	0.322	3.29
Q012095		570	9.9	2.6	0.002	0.01	0.36	1.0	1	<0.2	223	<0.05	<0.05	0.3	0.007	0.07
Q012096		1250	55.9	134.5	<0.002	0.02	4.15	13.7	2	2.1	191.5	0.78	0.07	14.1	0.358	2.86
Q012097		320	3.9	1.8	<0.002	0.01	0.19	0.3	<1	<0.2	218	<0.05	<0.05	0.2	0.006	0.03
Q012098		440	14.2	31.5	<0.002	0.01	1.00	3.5	1	0.5	152.0	0.22	<0.05	3.0	0.102	0.40
Q012099		230	14.4	16.7	<0.002	<0.01	1.33	2.0	1	0.2	150.0	0.11	<0.05	1.7	0.051	0.19
Q012100		130	7.9	20.7	<0.002	<0.01	0.46	2.5	1	0.3	137.0	0.09	<0.05	1.7	0.047	0.17
Q012101		340	7.3	12.7	<0.002	<0.01	0.57	1.6	<1	0.2	155.5	0.08	<0.05	1.2	0.035	0.15
Q012102		430	13.9	26.9	<0.002	0.01	1.06	3.2	1	0.4	164.0	0.19	<0.05	2.7	0.087	0.35
Q012103		270	6.8	10.5	<0.002	<0.01	0.54	1.5	<1	0.2	150.5	0.07	<0.05	1.1	0.032	0.20
Q012104		230	7.8	9.0	<0.002	0.01	0.42	1.4	<1	<0.2	187.0	0.05	<0.05	0.8	0.023	0.18
Q012105		1020	24.8	36.6	<0.002	<0.01	2.82	4.1	1	0.6	190.5	0.21	<0.05	3.5	0.098	0.55
Q012106		150	4.9	6.6	<0.002	<0.01	0.32	1.1	<1	<0.2	98.7	<0.05	<0.05	0.6	0.015	0.16
Q012107		310	10.7	17.2	<0.002	<0.01	0.86	1.9	1	0.3	110.5	0.09	<0.05	1.5	0.043	0.31
Q012108		120	36.7	10.9	<0.002	<0.01	1.10	1.8	<1	0.2	129.0	0.06	<0.05	1.1	0.034	0.11
Q012109		420	32.5	36.8	<0.002	0.02	1.19	3.9	1	0.6	153.0	0.25	<0.05	3.4	0.118	0.36
Q012110		80	10.8	9.4	<0.002	0.01	0.23	1.4	1	0.2	166.5	0.05	<0.05	1.0	0.026	0.07
Q012111		110	2.7	2.3	<0.002	<0.01	0.18	0.3	<1	<0.2	147.0	<0.05	<0.05	0.2	0.008	0.05
Q012112		220	6.7	8.2	<0.002	<0.01	0.72	1.1	<1	0.2	161.0	0.06	<0.05	0.9	0.033	0.14
Q012113		120	2.4	3.1	0.002	0.01	0.20	0.5	1	<0.2	110.5	<0.05	<0.05	0.3	0.010	0.08
Q012114		260	6.2	9.0	<0.002	<0.01	0.55	1.3	1	0.2	134.5	0.07	<0.05	1.0	0.035	0.15
Q012115		330	7.3	7.3	<0.002	0.01	1.14	1.0	1	<0.2	103.5	<0.05	<0.05	0.7	0.022	0.19
Q012116		170	11.5	4.3	0.002	0.02	0.46	0.8	1	<0.2	251	<0.05	<0.05	0.4	0.014	0.08
Q012117		200	11.3	0.5	<0.002	0.01	0.13	0.2	<1	<0.2	223	<0.05	<0.05	<0.2	<0.005	0.02
Q012118		610	11.8	79.3	0.093	0.44	2.79	5.3	6	0.8	177.0	0.25	0.15	4.4	0.144	0.91
Q012119		3070	26.3	97.4	0.034	0.32	11.10	9.8	18	1.2	376	0.44	0.21	6.9	0.230	2.98
Q012120		400	10.2	93.9	0.121	0.39	1.66	6.8	8	0.7	148.5	0.28	0.15	4.5	0.157	0.59
Q012121		230	13.9	84.8	0.003	0.04	3.64	6.8	3	1.2	875	0.41	<0.05	5.7	0.210	6.18
Q012122		400	75.0	148.5	0.002	0.03	6.82	11.1	5	2.2	341	0.79	<0.05	10.1	0.358	8.53
Q012123		2210	253	97.2	0.002	0.06	16.00	11.2	9	1.5	306	0.65	0.12	8.0	0.251	97.3
Q012124		3290	126.5	54.3	0.004	0.07	15.35	7.8	10	1.0	441	0.37	0.15	4.6	0.149	74.5
Q012125		3980	293	62.4	0.003	0.07	14.20	9.3	8	1.2	507	0.55	0.12	6.0	0.215	61.7
Q012126		2020	549	37.5	0.007	0.07	14.70	5.2	8	0.8	284	0.25	0.15	2.7	0.108	65.3
Q012127		200	7.6	8.1	0.003	0.02	0.51	0.8	1	0.3	337	<0.05	<0.05	0.6	0.021	1.44
Q012128		1890	587	117.0	0.003	0.05	29.2	13.1	6	1.9	160.5	0.63	0.21	7.7	0.276	1090

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Zn- OG62	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001
Q012089		6.0	13	0.6	7.3	174	7.2		
Q012090		2.9	54	0.9	9.9	172	25.5		
Q012091		1.8	3	0.1	8.5	20	2.7		
Q012092		8.0	257	3.2	36.8	695	96.8		
Q012093		7.5	50	0.9	19.6	127	15.2		
Q012094		10.7	273	4.2	49.8	848	96.5		
Q012095		7.6	15	0.3	13.8	23	2.4		
Q012096		6.8	217	2.6	35.8	643	94.6		
Q012097		3.3	8	0.1	4.6	10	1.7		
Q012098		2.9	60	1.0	11.0	144	25.0		
Q012099		2.1	33	0.6	7.3	85	13.7		
Q012100		2.2	17	0.7	8.6	103	12.1		
Q012101		2.5	19	0.7	6.5	73	9.6		
Q012102		3.0	57	1.1	11.5	153	22.8		
Q012103		2.9	22	0.8	7.4	95	8.6		
Q012104		2.9	16	0.8	9.0	92	7.2		
Q012105		6.5	72	4.3	17.5	392	30.1		
Q012106		1.8	12	0.5	7.1	105	5.7		
Q012107		2.5	33	1.1	8.5	164	13.2		
Q012108		2.0	22	0.7	5.3	75	9.6		
Q012109		2.3	73	1.0	10.5	133	30.6		
Q012110		1.2	13	0.6	8.8	37	6.6		
Q012111		2.8	11	0.2	2.5	108	2.1		
Q012112		2.4	20	0.4	5.5	183	7.1		
Q012113		1.7	9	0.2	2.5	125	2.9		
Q012114		2.6	22	0.5	5.6	241	7.5		
Q012115		2.0	20	0.4	11.9	485	7.1		
Q012116		2.9	19	0.4	21.2	527	3.6		
Q012117		4.1	6	0.1	9.5	12	0.8		
Q012118		2.5	204	0.7	15.8	250	44.1		
Q012119		9.2	666	1.2	42.5	721	69.7		
Q012120		1.9	162	0.7	11.9	201	47.1		
Q012121		4.7	243	0.8	18.8	904	47.6		
Q012122		7.2	459	1.4	27.8	1420	95.6		
Q012123		26.7	1610	1.9	186.0	2900	80.4		1.830
Q012124		39.5	1850	1.3	148.5	2040	47.7		2.66
Q012125		40.9	1520	1.7	176.5	2740	62.2		2.85
Q012126		23.3	1480	1.3	121.5	4970	32.0		2.01
Q012127		2.6	29	0.3	3.7	78	6.2		
Q012128		52.9	1470	4.3	95.8	>10000	93.6	2.78	1.020

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA26 Au ppm 0.01	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
Q012129		0.28	0.06	11.25	3.29	>10000	1730	5.25	0.12	2.29	131.5	39.8	97.6	66	17.55	66.0
Q012130		0.23	0.05	10.15	6.59	>10000	6080	6.00	0.18	1.93	118.0	62.3	124.0	97	23.9	99.7
Q012131		0.34	0.03	7.18	6.87	6580	1950	7.89	0.25	0.63	80.7	88.2	127.5	114	40.4	72.9
Q012132		0.30	0.06	7.93	3.05	2900	1090	1.82	0.12	21.7	67.0	42.1	110.5	40	14.40	31.7
Q012133		0.34	<0.01	0.12	0.22	255	80	0.20	0.04	35.1	2.27	4.17	1.9	3	0.48	2.7
Q012134		0.22	0.01	0.85	2.89	3470	600	1.15	0.15	21.0	14.60	35.5	9.7	41	3.71	25.0
Q012135		0.31	<0.01	0.48	0.94	71	310	0.40	0.07	30.6	2.04	14.55	3.3	13	1.16	8.0
Q012136		0.20	<0.01	1.08	4.47	252	620	1.25	0.19	10.00	8.39	44.6	7.0	50	5.69	23.1
Q012137		0.19	<0.01	0.91	5.03	321	720	1.46	0.17	9.81	6.12	53.3	11.4	59	6.76	24.8
Q012138		0.18	<0.01	0.28	1.36	259	360	0.41	0.08	25.7	5.89	14.95	3.1	15	1.51	11.7
Q012139		0.28	<0.01	0.63	6.04	449	1420	1.66	0.23	1.79	3.29	72.0	12.9	87	7.74	43.9
Q012140		0.21	<0.01	0.16	0.54	68	340	0.28	0.04	36.9	1.63	11.65	1.5	6	0.88	3.4

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Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012129		2.53	9.18	0.10	1.3	5.29	0.038	1.45	28.3	17.6	0.46	2880	10.60	0.03	5.3	2780
Q012130		5.65	13.25	0.13	1.9	5.32	0.053	1.97	43.8	21.6	0.51	3290	15.30	0.03	7.5	1870
Q012131		4.80	20.0	0.18	2.9	6.47	0.082	2.88	60.5	28.9	0.55	3530	17.70	0.04	11.6	1645
Q012132		2.03	8.45	0.05	1.2	4.32	0.035	1.44	24.3	11.4	1.25	2160	5.36	0.02	4.8	789
Q012133		0.19	0.58	0.05	0.1	0.07	0.008	0.09	3.2	1.7	2.76	104	0.73	0.01	0.3	24.0
Q012134		1.78	6.61	0.07	1.0	0.55	0.027	1.12	23.8	12.3	1.01	251	5.11	0.06	4.3	86.2
Q012135		0.47	2.82	0.05	0.4	0.04	0.015	0.48	11.3	7.4	0.31	110	1.52	0.02	1.7	16.2
Q012136		2.14	12.85	0.10	1.9	0.09	0.046	2.45	28.2	20.0	1.28	158	8.78	0.05	7.6	64.6
Q012137		2.62	14.40	0.09	2.1	0.10	0.058	2.70	32.6	20.8	1.21	248	9.73	0.06	8.9	77.5
Q012138		1.52	3.71	<0.05	0.6	0.21	0.022	0.48	9.3	12.8	1.21	337	1.17	0.17	2.2	29.9
Q012139		3.62	16.05	0.11	2.6	0.21	0.061	1.84	37.9	33.2	0.79	639	5.56	0.64	14.1	62.5
Q012140		0.33	1.53	<0.05	0.2	0.03	0.010	0.27	8.3	4.3	0.32	106	0.93	0.02	1.0	9.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 20- AUG- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q012129		1520	320	68.5	0.005	0.06	13.30	6.5	6	1.2	78.6	0.36	0.12	4.1	0.157	107.5
Q012130		2180	2000	88.8	0.003	0.14	20.9	10.6	7	1.6	183.5	0.50	0.13	6.0	0.229	139.0
Q012131		1710	658	142.0	0.003	0.05	24.6	13.8	7	2.4	159.0	0.78	0.15	9.5	0.336	164.0
Q012132		1180	478	67.0	0.003	0.02	9.02	5.9	3	1.1	161.0	0.34	0.05	4.0	0.146	89.4
Q012133		300	9.4	4.0	0.003	0.01	0.64	0.5	1	0.2	212	<0.05	<0.05	0.3	0.009	1.62
Q012134		950	52.8	50.0	0.005	0.05	4.35	4.9	4	0.9	598	0.29	<0.05	3.5	0.128	13.35
Q012135		340	7.8	20.5	0.010	0.01	1.44	2.0	1	0.5	1640	0.11	<0.05	1.3	0.052	0.81
Q012136		250	20.9	103.5	0.008	0.03	5.67	8.3	5	1.7	402	0.52	<0.05	5.8	0.250	3.99
Q012137		440	15.4	114.0	0.006	0.02	6.69	9.1	5	1.9	460	0.61	<0.05	6.7	0.289	5.18
Q012138		280	14.2	20.0	0.003	0.02	1.33	3.2	1	0.5	517	0.15	<0.05	1.7	0.084	0.98
Q012139		1050	41.1	91.1	0.003	0.06	4.15	11.8	3	1.9	187.0	0.95	0.09	9.1	0.382	1.97
Q012140		100	9.0	10.8	0.005	0.07	0.61	1.4	1	0.3	1170	0.07	<0.05	0.8	0.029	0.47

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001
Q012129		8.3	956	1.4	55.6	>10000	50.5	10.10	1.180
Q012130		17.5	1300	2.1	113.0	>10000	72.7	2.88	1.720
Q012131		11.7	1140	3.1	78.6	>10000	106.5	1.520	
Q012132		7.2	450	1.9	34.3	8620	45.6		
Q012133		3.2	31	0.1	4.3	351	2.9		
Q012134		6.8	368	0.6	37.7	776	32.5		
Q012135		2.7	95	0.2	8.8	144	13.5		
Q012136		4.5	430	0.9	17.3	656	62.2		
Q012137		4.8	470	1.0	22.6	774	71.2		
Q012138		1.7	78	0.3	10.7	342	20.1		
Q012139		4.2	367	1.4	26.4	357	91.8		
Q012140		1.8	39	0.1	8.7	132	7.9		

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Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141812

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62	Zn-OG62		

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

CERTIFICATE WH13143900

Project: Nadaleen

P.O. No.: AnEx-6

This report is for 132 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012141		0.18	<0.01	0.20	4.08	145	1360	1.15	0.14	16.55	6.54	42.3	6.6	43	5.41	23.7
Q012142		0.20	<0.01	0.22	4.49	262	2150	1.24	0.16	14.90	2.42	45.7	10.7	52	6.03	23.8
Q012143		0.34	<0.01	0.02	0.26	11	480	0.14	0.03	34.0	0.08	5.66	0.8	3	0.43	6.5
Q012144		0.16	<0.01	1.23	3.55	711	530	1.33	0.12	12.15	17.95	55.3	6.7	70	9.04	44.2
Q012145		0.17	0.02	1.47	6.23	1195	1030	2.04	0.21	1.85	17.55	78.5	10.8	122	23.9	63.7
Q012146		0.22	<0.01	1.60	1.86	499	420	0.78	0.09	18.05	14.80	31.8	4.1	45	5.93	30.5
Q012147		0.16	0.01	2.22	3.71	1220	660	1.51	0.14	11.25	22.6	54.2	9.0	102	13.10	46.9
Q012148		0.25	<0.01	0.52	2.02	648	340	0.93	0.07	24.4	22.9	25.3	4.2	32	5.80	18.9
Q012149		0.21	0.05	2.68	2.58	605	530	1.19	0.09	6.17	21.8	36.0	5.8	92	10.40	45.1
Q012150		0.19	0.01	2.41	4.21	1360	710	1.89	0.15	6.14	26.0	55.5	21.0	141	21.9	62.9
Q012151		0.17	0.02	3.72	2.67	625	620	1.10	0.09	9.57	16.70	38.9	8.2	99	11.00	47.0
Q012152		0.22	0.02	3.47	3.57	1105	830	1.57	0.13	7.00	18.50	48.5	20.0	122	16.60	60.1
Q012153		0.09	<0.01	0.97	3.97	1260	860	1.58	0.12	13.20	11.40	42.7	10.4	77	12.90	35.9
Q012154		0.20	<0.01	0.62	2.02	516	410	0.96	0.06	22.8	7.37	26.2	3.6	43	5.98	20.7
Q012155		0.20	<0.01	0.98	2.81	607	410	1.28	0.11	17.30	10.70	37.3	4.0	65	9.21	33.5
Q012156		0.18	<0.01	0.82	3.81	1110	910	1.65	0.12	16.30	10.00	41.8	9.6	77	13.75	33.9
Q012157		0.28	<0.01	0.12	0.13	19	140	0.10	0.03	37.0	0.86	2.69	0.7	2	0.27	4.1
Q012158		0.34	<0.01	0.07	0.42	48	60	0.21	0.03	35.0	0.60	8.54	0.7	6	0.45	4.3
Q012159		0.23	<0.01	2.17	2.20	789	880	0.90	0.09	0.40	19.30	19.95	3.4	48	6.24	104.0
Q012160		0.18	0.03	1.69	4.32	1900	1120	1.80	0.16	5.75	20.5	45.1	11.3	77	9.15	77.7
Q012161		0.18	0.13	3.14	4.59	3020	1260	2.24	0.15	2.73	23.0	46.8	10.9	95	10.30	79.5
Q012162		0.32	<0.01	0.06	2.18	791	250	0.39	0.07	15.45	8.27	20.4	11.2	24	1.08	42.9
Q012163		0.23	0.01	0.86	1.00	860	280	0.56	0.03	30.4	8.23	21.6	1.2	13	1.93	7.3
Q012164		0.32	0.01	1.73	4.03	3030	1340	2.05	0.13	7.68	24.0	39.9	9.9	83	9.27	58.6
Q012165		0.39	<0.01	0.67	0.44	373	190	0.49	0.02	35.6	16.85	5.86	6.6	6	0.62	6.7
Q012166		0.19	<0.01	1.51	3.62	2030	1340	1.72	0.13	8.64	13.00	32.1	5.9	70	7.92	54.4
Q012167		0.24	0.01	2.10	4.66	4680	2130	2.17	0.15	2.05	14.50	41.7	8.6	110	10.10	78.5
Q012168		0.30	<0.01	1.07	3.92	1010	4190	1.59	0.14	3.98	9.66	40.8	7.0	77	9.26	60.3
Q012169		0.18	0.01	1.81	4.38	2460	1690	1.99	0.15	2.83	17.50	46.3	10.1	88	10.25	73.0
Q012170		0.17	<0.01	0.05	2.04	32.5	120	0.28	0.08	0.52	1.57	37.6	1.8	36	0.71	4.9
Q012171		0.36	<0.01	1.30	5.56	1240	1350	1.97	0.24	0.59	19.45	59.2	11.5	88	6.91	44.7
Q012172		0.27	<0.01	0.89	1.94	613	530	0.96	0.07	21.8	12.05	23.2	4.9	29	3.60	22.7
Q012173		0.18	0.02	1.87	3.70	2380	1530	1.94	0.13	8.46	22.7	39.0	9.3	79	8.50	58.3
Q012174		0.38	<0.01	0.37	0.16	127	120	0.13	0.01	35.9	5.08	6.41	0.9	4	0.23	2.5
Q012175		0.27	0.01	1.57	4.28	2070	1870	1.93	0.20	3.73	16.30	44.4	10.0	92	9.63	66.8
Q012176		0.25	<0.01	0.38	0.27	230	180	0.14	0.02	35.4	20.4	4.07	0.8	5	0.50	3.4
Q012177		0.21	0.01	0.99	2.54	1140	1070	1.35	0.08	15.85	11.15	27.7	9.1	52	5.19	33.8
Q012178		0.39	0.01	1.51	4.31	2070	2410	1.98	0.16	4.50	13.55	43.4	9.8	97	9.76	62.2
Q012179		0.43	0.02	1.51	4.25	2150	2110	1.89	0.15	5.86	16.05	44.1	10.4	89	9.54	61.3
Q012180		0.18	<0.01	0.52	1.97	681	2050	0.91	0.08	20.8	17.95	24.8	5.8	35	4.19	23.3

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012141		2.04	11.00	0.17	1.6	0.06	0.043	2.18	26.7	15.4	0.83	181	7.32	0.05	6.9	48.9
Q012142		2.42	12.05	0.19	1.8	0.10	0.048	2.27	27.9	16.1	0.83	233	8.19	0.05	7.9	63.5
Q012143		0.25	0.78	0.13	0.1	<0.01	<0.005	0.13	4.2	2.1	0.25	69	0.61	0.01	0.5	3.5
Q012144		1.91	9.59	0.22	1.5	0.44	0.032	1.51	37.8	15.8	1.61	227	11.05	0.10	7.0	115.5
Q012145		3.37	16.40	0.22	2.4	0.75	0.055	2.42	49.0	25.0	1.02	437	13.35	0.37	11.8	193.5
Q012146		1.10	5.13	0.15	0.8	0.33	0.020	0.93	24.7	8.7	1.46	143	7.34	0.03	3.8	73.1
Q012147		1.97	9.82	0.22	1.6	0.61	0.035	1.65	42.1	16.3	1.99	207	11.35	0.05	7.1	154.0
Q012148		1.12	5.94	0.16	0.8	0.24	0.015	0.97	19.3	9.2	2.23	169	3.43	0.02	3.5	92.9
Q012149		1.26	6.72	0.19	1.2	0.28	0.014	1.31	30.8	12.5	1.24	120	17.90	0.03	4.8	137.0
Q012150		2.05	11.05	0.20	2.0	0.37	0.041	2.09	47.5	19.4	1.72	358	12.70	0.04	8.3	235
Q012151		1.27	7.00	0.19	1.2	0.36	0.019	1.28	35.0	13.0	1.71	157	9.38	0.03	4.8	132.0
Q012152		1.89	9.28	0.20	1.6	0.56	0.033	1.64	42.5	15.9	2.03	271	13.35	0.04	6.6	211
Q012153		2.02	10.25	0.16	1.6	0.48	0.031	1.60	31.5	18.5	1.06	257	11.05	0.07	6.9	132.0
Q012154		0.98	5.51	0.15	0.8	0.15	0.009	0.92	22.2	9.6	0.95	130	8.56	0.02	3.5	63.4
Q012155		1.34	7.67	0.20	1.0	0.20	0.030	1.25	32.4	14.3	1.63	126	11.35	0.03	4.7	85.4
Q012156		1.84	9.92	0.19	1.5	0.36	0.028	1.62	32.6	16.7	1.13	202	11.85	0.04	6.5	135.0
Q012157		0.12	0.32	0.11	<0.1	0.02	<0.005	0.06	3.0	1.3	0.29	71	0.34	0.01	0.2	3.3
Q012158		0.20	1.06	0.13	0.3	0.09	<0.005	0.19	4.8	3.7	0.22	34	0.22	0.09	0.6	4.3
Q012159		2.46	6.25	0.17	0.8	1.50	0.025	0.80	13.6	7.6	0.16	84	138.0	0.03	3.4	53.8
Q012160		3.88	11.20	0.18	1.9	2.17	0.035	1.56	30.7	20.4	0.54	426	17.10	0.09	10.1	168.5
Q012161		3.91	10.95	0.19	1.9	5.94	0.039	1.51	34.4	18.7	0.46	257	35.2	0.09	9.3	219
Q012162		7.44	5.63	0.13	0.9	0.39	0.020	0.37	8.9	49.0	5.68	1840	0.51	0.03	3.1	34.3
Q012163		0.70	2.75	0.13	0.4	0.09	<0.005	0.47	15.6	5.0	0.33	130	0.81	0.01	1.6	19.7
Q012164		3.66	9.35	0.19	1.5	1.33	0.027	1.39	29.0	15.6	0.78	243	17.45	0.05	7.3	242
Q012165		0.45	1.10	0.10	0.2	1.12	<0.005	0.21	4.5	2.1	0.59	738	1.20	0.01	0.7	46.2
Q012166		2.23	8.80	0.15	1.5	1.24	0.019	1.29	21.5	13.6	1.34	156	11.85	0.04	6.8	115.5
Q012167		3.23	9.82	0.19	1.8	1.65	0.029	1.31	31.5	16.9	0.33	153	16.50	0.05	8.9	223
Q012168		2.83	10.10	0.16	1.9	0.87	0.030	1.38	25.2	17.7	0.57	231	10.90	0.05	10.0	78.1
Q012169		3.58	10.60	0.19	2.0	1.38	0.034	1.47	31.5	17.3	0.40	210	17.20	0.06	10.5	205
Q012170		1.23	4.31	0.14	3.1	0.24	<0.005	0.39	18.2	19.8	0.07	358	0.35	0.01	3.2	6.0
Q012171		3.74	13.20	0.20	2.1	0.72	0.037	1.45	35.5	26.0	0.56	441	8.38	0.56	11.8	123.5
Q012172		1.41	5.21	0.16	0.9	0.72	0.007	0.83	16.1	9.9	0.64	386	3.91	0.05	3.6	56.5
Q012173		3.21	9.01	0.17	1.5	1.52	0.023	1.25	28.4	15.6	0.58	195	15.50	0.05	7.9	217
Q012174		0.17	0.48	0.10	0.1	0.37	<0.005	0.15	6.3	1.4	0.24	66	1.16	0.01	0.2	12.1
Q012175		3.20	10.45	0.18	1.8	1.14	0.028	1.48	30.5	17.7	0.57	234	13.80	0.07	9.8	178.5
Q012176		0.22	0.71	0.11	0.1	0.51	<0.005	0.15	3.5	1.4	0.32	63	0.32	0.01	0.5	12.4
Q012177		2.67	6.18	0.13	1.2	1.18	0.008	0.98	19.0	10.8	1.03	306	7.24	0.06	7.3	174.5
Q012178		3.14	10.50	0.19	1.9	1.03	0.030	1.46	30.3	17.9	0.51	221	13.70	0.07	9.3	175.5
Q012179		3.21	10.40	0.18	1.8	1.48	0.026	1.52	30.5	17.8	0.71	230	14.50	0.06	9.2	193.5
Q012180		1.80	4.98	0.14	0.9	0.40	0.009	0.74	15.6	9.4	1.19	336	4.26	0.05	4.4	68.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012141		250	10.6	92.7	0.003	0.04	2.98	7.8	2	1.4	529	0.48	<0.05	6.4	0.230	1.34
Q012142		390	13.8	100.5	<0.002	0.06	3.97	8.4	2	1.5	497	0.55	<0.05	7.2	0.262	2.51
Q012143		150	1.4	6.1	<0.002	0.04	0.31	0.6	1	<0.2	1525	<0.05	<0.05	0.5	0.016	0.15
Q012144		2070	50.7	69.9	<0.002	0.04	12.45	7.3	7	1.2	148.0	0.48	0.05	5.9	0.201	9.27
Q012145		1260	53.2	116.0	<0.002	0.04	14.30	11.7	8	2.0	123.5	0.82	0.07	9.9	0.345	34.9
Q012146		480	17.4	41.0	0.002	0.03	6.90	4.0	4	0.7	348	0.25	0.05	3.3	0.109	6.94
Q012147		1230	26.9	75.7	0.002	0.03	12.85	6.8	8	1.3	156.5	0.48	0.09	5.6	0.214	15.80
Q012148		460	8.9	44.4	0.002	0.01	6.56	4.0	2	0.6	289	0.23	0.05	2.8	0.111	6.19
Q012149		740	16.7	56.9	0.004	0.04	9.61	4.5	10	0.9	105.5	0.32	0.12	3.6	0.147	13.65
Q012150		1030	30.8	93.8	0.003	0.04	14.40	7.7	10	1.5	112.5	0.56	0.18	6.2	0.246	29.6
Q012151		1090	12.7	56.5	0.003	0.04	8.61	5.1	5	0.9	117.0	0.32	0.11	3.7	0.151	14.95
Q012152		1280	30.2	73.7	0.002	0.05	12.85	6.4	7	1.2	113.5	0.44	0.15	5.0	0.198	21.4
Q012153		840	31.8	78.0	0.002	0.05	7.86	7.1	10	1.2	219	0.46	0.06	5.0	0.216	12.65
Q012154		490	10.8	43.6	0.015	0.04	4.66	4.2	6	0.7	294	0.24	<0.05	2.8	0.114	6.06
Q012155		640	13.0	60.4	0.003	0.06	5.96	5.9	16	0.9	242	0.32	<0.05	3.7	0.155	9.84
Q012156		820	25.3	76.1	0.002	0.04	8.50	7.1	8	1.2	244	0.44	0.08	4.9	0.210	12.80
Q012157		280	1.5	2.6	<0.002	0.02	0.28	1.1	<1	<0.2	315	<0.05	<0.05	0.2	0.006	0.20
Q012158		600	8.0	6.9	<0.002	0.05	0.19	1.3	<1	<0.2	2060	0.05	<0.05	0.8	0.019	0.31
Q012159		610	21.1	39.0	0.005	0.15	88.0	3.7	15	0.6	91.4	0.22	0.29	2.7	0.108	9.14
Q012160		940	139.0	71.9	0.004	0.08	7.87	8.6	5	1.3	183.5	0.64	0.09	5.8	0.271	7.70
Q012161		1280	320	71.0	0.003	0.10	13.50	8.0	11	1.2	203	0.60	0.09	5.9	0.255	8.42
Q012162		360	13.5	15.1	<0.002	0.01	0.81	10.6	1	0.6	432	0.21	<0.05	1.6	0.220	4.40
Q012163		230	5.2	20.0	0.004	<0.01	1.85	2.7	1	0.4	1475	0.11	<0.05	1.4	0.056	2.26
Q012164		990	95.9	63.6	0.003	0.09	9.77	6.8	6	1.1	259	0.48	0.07	4.9	0.214	7.38
Q012165		170	28.1	7.9	<0.002	0.01	1.46	1.0	<1	0.2	341	0.05	<0.05	0.6	0.024	3.92
Q012166		800	37.4	62.1	0.006	0.10	7.67	9.3	5	1.0	193.5	0.44	0.09	4.3	0.190	6.04
Q012167		1550	119.5	67.5	0.006	0.13	9.65	7.6	6	1.1	224	0.57	0.09	5.4	0.222	9.42
Q012168		1020	38.5	66.6	0.004	0.14	4.77	6.9	5	1.1	220	0.63	0.08	5.5	0.240	4.09
Q012169		1190	184.5	72.7	0.003	0.10	9.96	7.9	6	1.2	172.0	0.68	0.10	5.9	0.259	5.30
Q012170		110	6.7	17.3	<0.002	0.01	1.59	2.1	<1	0.5	53.0	0.27	<0.05	8.8	0.149	0.21
Q012171		1290	68.8	72.1	<0.002	0.05	5.10	11.1	4	1.5	136.0	0.80	0.06	8.1	0.347	3.70
Q012172		360	32.6	37.3	0.002	0.02	3.47	3.8	2	0.6	260	0.24	<0.05	2.7	0.107	2.53
Q012173		970	113.5	60.5	0.003	0.09	9.54	6.6	6	1.0	176.5	0.51	0.09	4.8	0.202	13.60
Q012174		390	2.8	6.6	<0.002	0.01	0.60	0.5	<1	<0.2	246	<0.05	<0.05	0.3	0.008	0.39
Q012175		1070	122.5	71.6	0.005	0.10	8.14	8.0	6	1.1	171.0	0.62	0.11	5.7	0.254	4.94
Q012176		440	3.8	5.9	<0.002	0.01	0.75	0.7	<1	<0.2	269	<0.05	<0.05	0.4	0.015	0.57
Q012177		800	89.9	44.6	0.010	0.06	4.46	5.2	3	0.7	368	0.45	0.06	3.4	0.168	2.72
Q012178		1180	102.0	72.1	0.011	0.14	7.85	7.5	5	1.2	205	0.59	0.10	5.6	0.246	4.79
Q012179		1190	108.0	72.7	0.008	0.12	9.00	7.6	5	1.2	223	0.59	0.07	5.6	0.242	5.08
Q012180		680	30.7	35.2	0.005	0.09	2.89	4.3	2	0.6	539	0.28	<0.05	3.0	0.112	2.56

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description / Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q012141	4.4	246	0.9	17.5	477	51.6
Q012142	4.5	269	1.0	19.7	522	58.4
Q012143	0.9	13	0.1	4.4	24	6.2
Q012144	7.1	839	0.9	32.7	1350	55.1
Q012145	7.6	1130	1.5	41.1	2060	82.6
Q012146	5.4	678	0.5	23.8	866	31.0
Q012147	8.4	1380	0.8	41.6	1780	60.5
Q012148	3.5	343	0.4	19.8	1130	27.3
Q012149	6.8	1480	0.5	34.3	1360	47.1
Q012150	9.2	2100	0.9	42.2	2200	76.4
Q012151	6.9	1260	0.6	37.0	1340	46.5
Q012152	8.4	1660	0.8	43.3	1910	61.3
Q012153	6.6	636	1.1	31.6	1250	58.2
Q012154	5.8	489	0.6	22.6	801	30.0
Q012155	6.9	800	0.7	29.5	1120	44.4
Q012156	6.7	687	1.0	30.6	1420	53.9
Q012157	0.9	17	0.1	3.4	44	1.5
Q012158	2.9	16	0.1	6.1	38	14.1
Q012159	4.1	1270	1.6	22.7	590	30.3
Q012160	5.6	653	1.5	40.8	1830	72.0
Q012161	6.3	839	1.7	46.7	1880	68.1
Q012162	0.6	162	0.3	21.3	310	29.9
Q012163	3.1	155	0.3	19.4	505	14.1
Q012164	6.1	783	1.3	48.6	1860	57.0
Q012165	2.3	58	1.0	7.3	541	6.4
Q012166	5.8	639	1.1	30.0	866	52.7
Q012167	8.6	780	1.4	48.9	1200	65.6
Q012168	4.4	477	1.0	29.9	557	67.2
Q012169	5.5	658	1.4	46.5	1330	71.7
Q012170	1.2	22	0.5	6.4	100	88.7
Q012171	5.5	411	1.4	39.2	975	74.7
Q012172	2.9	215	0.6	17.6	583	28.9
Q012173	5.5	708	1.2	44.4	1620	57.2
Q012174	3.5	24	0.1	7.6	200	3.1
Q012175	5.3	623	1.3	41.8	1180	70.4
Q012176	1.6	37	0.1	5.9	208	4.3
Q012177	3.9	311	0.8	31.1	965	45.3
Q012178	5.8	601	1.3	38.5	1120	67.2
Q012179	5.7	623	1.3	40.9	1320	67.5
Q012180	3.1	193	0.5	22.2	689	38.5

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012181		0.12	0.01	0.78	0.48	492	200	0.32	0.02	30.0	54.1	5.43	1.4	10	0.76	8.0
Q012182		0.19	<0.01	1.12	3.65	1130	2250	1.34	0.14	6.03	8.76	37.6	7.1	81	7.72	46.1
Q012183		0.31	<0.01	1.13	4.36	1345	2000	1.96	0.15	6.99	12.35	47.4	8.6	79	9.89	58.3
Q012184		0.20	<0.01	1.00	2.95	1130	1460	1.16	0.10	16.15	13.45	34.2	6.0	53	5.92	34.7
Q012185		0.23	<0.01	0.80	0.28	200	150	0.26	0.01	30.7	11.00	4.67	1.8	6	0.71	5.2
Q012186		0.25	<0.01	1.49	4.06	1570	1490	1.60	0.15	10.50	22.3	48.4	14.1	73	9.30	46.1
Q012187		0.20	0.04	0.60	1.84	300	1130	0.73	0.12	20.2	8.19	22.3	3.3	40	4.36	18.9
Q012188		0.34	<0.01	0.12	0.47	249	240	0.26	0.02	35.2	2.42	7.57	1.4	10	1.12	7.0
Q012189		0.18	<0.01	0.57	1.92	621	1110	0.79	0.07	22.8	17.50	26.5	3.5	44	3.94	23.7
Q012190		0.19	0.01	1.30	4.43	2040	1870	1.81	0.14	4.97	14.90	46.7	9.5	91	9.20	62.1
Q012191		0.28	<0.01	0.79	3.34	692	1370	1.18	0.12	11.80	8.82	39.3	6.6	60	5.77	36.4
Q012192		0.29	<0.01	1.28	4.49	1400	1960	1.77	0.18	7.85	12.10	50.7	8.8	75	8.55	47.6
Q012193		0.31	<0.01	0.55	2.03	383	690	0.81	0.08	22.5	13.25	26.4	4.2	33	3.48	18.8
Q012194		0.15	<0.01	11.70	4.42	1580	2770	1.86	0.17	3.36	15.10	48.9	8.8	83	8.36	59.7
Q012195		0.36	<0.01	0.09	0.35	237	530	0.16	0.02	32.8	2.43	9.10	1.1	6	0.45	3.0
Q012196		0.32	<0.01	0.74	3.12	3120	880	1.20	0.09	19.60	23.9	32.1	7.8	40	4.95	31.4
Q012197		0.17	<0.01	1.55	3.77	1490	1660	1.53	0.14	9.78	13.85	42.6	7.7	75	7.94	49.8
Q012198		0.13	<0.01	0.47	2.53	896	600	0.95	0.07	22.9	45.1	30.1	9.0	24	4.84	10.8
Q012199		0.20	<0.01	0.49	3.81	475	1100	1.29	0.11	11.15	7.44	46.5	10.4	65	5.96	40.5
Q012200		0.18	<0.01	1.14	4.87	1450	2000	1.97	0.19	3.01	12.20	58.2	11.0	87	10.80	58.3
Q012201		0.61	<0.01	0.03	4.40	13.3	140	0.53	0.08	8.72	0.65	23.3	18.8	70	1.29	74.0
Q012202		0.20	<0.01	0.34	1.26	120	660	0.51	0.06	30.1	4.82	15.80	2.0	24	2.97	13.2
Q012203		0.32	<0.01	0.75	3.41	314	4790	1.03	0.12	11.50	4.87	32.8	5.5	52	5.04	25.2
Q012204		0.28	<0.01	0.81	4.32	409	1680	1.42	0.16	9.20	5.26	53.3	8.6	69	7.96	41.4
Q012205		0.28	<0.01	0.43	0.12	115	90	0.28	0.01	38.8	11.25	3.41	0.6	3	0.23	1.6
Q012206		0.14	<0.01	1.23	3.23	346	1870	1.13	0.12	15.65	4.77	37.9	5.3	67	6.49	36.8
Q012207		0.32	<0.01	0.42	1.83	358	790	0.67	0.06	19.00	9.43	27.7	4.3	30	2.40	20.3
Q012208		0.19	<0.01	0.95	5.34	894	1260	1.84	0.21	2.03	10.75	63.8	11.4	84	7.72	55.1
Q012209		0.25	<0.01	0.59	2.83	460	940	1.04	0.10	15.50	11.05	35.0	5.7	47	5.90	33.2
Q012210		0.26	<0.01	1.12	4.82	791	1710	1.72	0.22	4.35	9.28	55.6	8.9	88	10.15	58.0
Q012211		0.20	<0.01	0.96	3.50	879	1570	1.32	0.13	9.44	9.23	40.0	7.0	65	8.60	47.8
Q012212		0.19	<0.01	0.32	1.29	209	730	0.58	0.06	9.74	5.29	17.10	2.8	37	4.03	22.6
Q012213		0.20	<0.01	0.24	1.31	125	400	0.54	0.06	29.5	2.90	15.45	2.6	18	2.51	14.2
Q012214		0.18	<0.01	0.79	3.48	422	1370	1.20	0.13	12.25	4.84	41.5	6.6	52	6.19	33.9
Q012215		0.22	0.01	0.43	1.47	109	460	0.65	0.06	29.3	1.36	17.30	1.3	22	3.54	11.9
Q012216		0.20	<0.01	0.76	4.81	254	1140	1.61	0.19	8.26	1.31	56.5	4.0	72	12.20	36.6
Q012217		0.18	<0.01	0.56	6.42	186.0	1620	2.50	0.27	0.23	1.46	70.6	9.2	92	28.7	72.6
Q012218		0.11	<0.01	0.99	5.52	513	1590	2.26	0.22	0.29	3.80	72.8	10.8	83	30.8	78.8
Q012219		0.26	0.01	0.48	5.56	198.5	1550	1.62	0.19	0.15	1.11	57.9	5.8	82	28.8	51.8
Q012220		0.10	0.01	0.56	5.00	453	1720	1.79	0.18	0.21	3.64	69.6	14.0	75	25.2	74.9

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VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012181		0.43	1.00	0.11	0.2	1.3	<0.005	0.16	4.7	2.5	1.39	125	1.36	0.01	0.8	30.6
Q012182		2.56	9.12	0.16	1.7	0.92	0.026	1.22	25.3	16.0	0.48	242	7.79	0.11	8.4	100.5
Q012183		2.83	10.85	0.18	1.8	0.72	0.043	1.57	31.1	17.5	0.95	229	8.94	0.09	10.4	142.0
Q012184		1.92	7.03	0.16	1.2	0.65	0.030	1.10	23.2	12.2	0.83	224	6.78	0.08	6.3	80.4
Q012185		0.31	0.71	0.10	0.1	1.29	0.006	0.10	3.8	2.2	0.54	275	0.88	0.01	0.5	18.5
Q012186		2.89	10.40	0.17	1.8	1.39	0.038	1.59	31.9	17.7	1.00	351	7.72	0.10	9.5	159.5
Q012187		1.00	4.69	0.13	0.8	0.51	0.020	0.74	15.4	9.0	0.41	156	2.56	0.04	4.2	33.4
Q012188		0.34	1.10	0.11	0.2	0.25	0.006	0.15	7.0	2.3	1.06	78	1.48	0.03	1.0	18.7
Q012189		1.19	4.86	0.15	1.2	0.54	0.014	0.68	21.8	8.8	0.49	161	4.69	0.06	4.6	50.3
Q012190		3.28	10.00	0.17	1.8	1.13	0.036	1.50	31.2	17.8	0.80	262	11.60	0.16	9.4	173.5
Q012191		2.19	8.42	0.15	1.4	0.61	0.030	1.28	26.8	14.2	0.64	300	5.54	0.08	7.2	64.8
Q012192		2.99	11.10	0.18	1.9	1.20	0.039	1.63	31.3	20.1	1.42	326	9.77	0.14	10.0	114.5
Q012193		1.13	5.43	0.14	0.9	0.28	0.020	0.90	18.7	7.4	0.68	242	4.80	0.04	4.7	42.5
Q012194		3.45	10.95	0.17	2.0	4.27	0.040	1.60	31.4	18.3	0.78	317	13.20	0.14	10.6	156.5
Q012195		0.47	0.88	0.11	0.2	0.10	<0.005	0.17	7.4	2.8	1.54	120	0.82	0.01	0.6	18.5
Q012196		3.45	6.00	0.14	1.1	1.04	0.021	0.97	21.0	11.2	1.11	483	13.40	0.05	6.0	114.0
Q012197		2.59	9.05	0.15	1.6	1.71	0.031	1.32	29.5	17.1	0.65	209	10.95	0.10	8.4	112.0
Q012198		1.47	6.45	0.15	0.9	1.14	0.022	1.23	18.1	8.8	3.76	518	2.67	0.02	3.7	146.0
Q012199		2.71	9.78	0.15	1.9	0.33	0.038	1.32	28.0	24.0	2.64	773	4.51	0.17	13.7	58.8
Q012200		3.54	12.60	0.20	2.3	0.74	0.047	1.72	35.6	22.6	1.21	368	9.81	0.15	12.9	124.5
Q012201		5.63	8.94	0.13	1.1	0.04	0.048	0.18	9.6	39.7	3.88	1920	0.24	1.70	4.6	33.9
Q012202		0.63	3.31	0.13	0.6	0.23	0.011	0.48	9.4	4.7	0.84	183	1.78	0.04	2.7	16.1
Q012203		2.06	8.46	0.14	1.6	0.66	0.030	1.32	20.1	21.0	0.72	367	4.01	0.08	6.8	38.2
Q012204		2.73	10.95	0.18	2.2	0.80	0.042	1.58	31.0	19.4	1.36	378	6.79	0.28	11.4	65.0
Q012205		0.18	0.39	0.10	0.1	0.40	<0.005	0.05	2.4	0.7	0.16	790	0.24	<0.01	0.2	13.0
Q012206		2.04	8.64	0.16	1.6	0.58	0.029	1.22	23.7	13.5	0.91	272	6.59	0.09	8.0	43.1
Q012207		1.37	4.43	0.13	1.0	0.37	0.018	0.59	20.5	11.6	0.53	231	5.82	0.15	3.4	41.5
Q012208		3.37	12.80	0.16	2.4	1.07	0.048	1.60	37.9	30.9	0.71	360	7.54	0.40	11.2	104.5
Q012209		1.86	7.23	0.14	1.3	0.44	0.024	1.09	21.1	12.4	1.62	412	4.19	0.15	8.2	46.9
Q012210		2.90	12.40	0.18	2.3	0.90	0.045	1.80	33.4	20.2	0.84	319	8.39	0.18	12.8	84.0
Q012211		2.41	8.58	0.16	1.6	1.07	0.029	1.23	27.4	15.2	1.12	275	11.95	0.14	8.2	102.0
Q012212		0.98	3.38	0.12	0.7	0.83	0.014	0.46	14.8	5.8	0.28	170	11.85	0.05	3.1	55.3
Q012213		0.71	3.39	0.13	0.6	0.51	0.015	0.54	9.6	5.1	0.81	287	1.66	0.06	3.0	16.7
Q012214		2.18	8.67	0.16	1.6	0.75	0.031	1.25	24.7	14.7	1.63	319	6.04	0.21	8.8	54.9
Q012215		0.55	3.95	0.13	0.8	0.26	0.014	0.63	9.7	4.0	0.47	154	1.78	0.02	4.6	9.5
Q012216		1.79	13.40	0.18	2.6	0.70	0.039	2.05	32.0	11.8	0.59	142	3.83	0.05	15.9	28.8
Q012217		2.70	16.30	0.22	3.0	0.53	0.051	2.86	38.3	14.1	0.47	157	4.82	0.05	20.2	58.6
Q012218		4.68	14.20	0.21	3.0	0.66	0.055	2.42	40.4	14.8	0.41	269	10.45	0.04	19.9	75.3
Q012219		2.78	14.45	0.08	2.6	0.46	0.047	2.39	33.8	12.2	0.41	116	6.16	0.03	16.9	45.7
Q012220		5.43	12.05	0.12	2.6	0.59	0.049	2.08	38.2	12.9	0.34	302	16.65	0.03	17.6	109.0

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012181		220	39.5	6.8	<0.002	<0.01	1.61	1.2	1	0.2	271	0.05	<0.05	0.6	0.023	1.10
Q012182		840	44.5	60.7	0.006	0.11	4.73	7.2	3	1.0	445	0.54	0.09	4.9	0.221	3.35
Q012183		1040	75.0	77.0	0.011	0.10	6.32	8.2	4	1.3	203	0.67	0.08	6.3	0.256	4.96
Q012184		750	107.5	51.0	0.004	0.07	4.28	5.6	3	0.8	299	0.40	<0.05	4.1	0.171	3.42
Q012185		150	12.2	4.4	0.002	<0.01	0.74	0.8	1	<0.2	171.5	<0.05	<0.05	0.4	0.015	1.18
Q012186		1040	100.0	73.8	0.004	0.08	7.78	8.0	5	1.2	226	0.61	0.06	6.1	0.261	7.81
Q012187		440	18.3	36.5	0.009	0.06	1.95	3.7	2	0.6	349	0.25	<0.05	2.6	0.111	2.16
Q012188		650	10.7	7.3	0.003	0.02	3.08	1.0	1	<0.2	154.0	0.06	<0.05	0.7	0.027	0.90
Q012189		580	29.7	32.8	0.005	0.08	3.04	4.7	3	0.6	687	0.30	<0.05	2.8	0.118	2.31
Q012190		1320	105.5	71.7	0.005	0.09	7.45	7.9	5	1.2	223	0.62	0.07	6.0	0.257	6.02
Q012191		780	45.9	60.3	0.008	0.06	3.64	6.2	3	1.0	383	0.47	<0.05	5.0	0.197	3.04
Q012192		980	137.5	76.2	0.004	0.08	7.43	8.1	5	1.3	203	0.64	0.09	6.9	0.277	4.87
Q012193		370	44.4	42.2	0.007	0.03	3.39	4.2	4	0.7	306	0.29	<0.05	3.2	0.124	1.31
Q012194		1000	6860	76.8	0.004	0.15	32.5	8.4	8	1.3	151.5	0.67	0.05	6.6	0.270	3.84
Q012195		100	10.2	6.5	0.002	0.02	0.72	0.8	1	<0.2	601	<0.05	<0.05	0.6	0.020	0.74
Q012196		1180	156.5	42.9	0.005	0.04	8.51	6.0	3	0.7	332	0.38	<0.05	3.8	0.149	2.76
Q012197		940	182.5	63.1	0.005	0.08	8.72	7.0	5	1.1	252	0.53	0.07	5.3	0.217	3.20
Q012198		210	15.4	51.8	<0.002	0.01	5.24	4.7	2	0.8	141.0	0.25	<0.05	3.4	0.129	7.34
Q012199		990	46.8	59.3	0.005	0.04	3.54	7.8	2	1.1	178.0	0.83	<0.05	5.7	0.319	1.85
Q012200		1280	135.0	86.2	0.005	0.08	7.23	10.0	6	1.4	151.0	0.81	0.07	7.6	0.313	3.89
Q012201		280	9.2	7.7	<0.002	<0.01	0.43	20.1	2	0.7	147.5	0.29	0.05	1.7	0.589	0.07
Q012202		390	11.7	22.6	0.008	0.04	1.12	2.9	2	0.4	212	0.18	<0.05	2.1	0.076	0.60
Q012203		530	29.1	63.0	0.003	0.18	2.55	6.3	3	1.4	162.0	0.45	<0.05	5.8	0.188	1.33
Q012204		1060	58.2	73.8	0.005	0.08	4.80	8.6	4	1.3	239	0.73	<0.05	7.2	0.295	1.79
Q012205		80	13.1	2.0	<0.002	0.01	0.21	1.6	1	<0.2	114.0	<0.05	<0.05	0.3	0.007	0.18
Q012206		860	29.7	58.3	0.010	0.10	3.83	6.7	5	1.0	222	0.52	0.08	5.0	0.210	1.41
Q012207		510	29.5	27.4	0.003	0.04	2.54	3.7	2	0.5	274	0.23	<0.05	3.2	0.104	1.23
Q012208		1030	98.7	81.7	0.003	0.06	5.49	10.6	3	1.5	138.5	0.77	0.08	8.7	0.344	3.60
Q012209		680	31.3	50.7	0.005	0.04	3.18	5.6	3	0.8	270	0.52	<0.05	4.4	0.199	1.62
Q012210		1070	150.0	86.1	0.008	0.08	5.88	9.2	4	1.5	159.0	0.84	0.06	7.6	0.315	2.66
Q012211		850	81.2	59.0	0.007	0.09	5.84	6.7	5	1.0	192.5	0.53	<0.05	5.2	0.221	2.90
Q012212		540	15.9	22.1	0.025	0.11	2.11	2.6	3	0.5	141.0	0.19	<0.05	1.9	0.080	1.29
Q012213		270	18.2	24.6	0.005	0.02	1.31	3.5	1	0.4	160.0	0.19	<0.05	2.1	0.083	0.66
Q012214		860	77.5	59.2	0.007	0.07	4.67	6.7	3	1.0	196.0	0.55	0.05	5.5	0.229	1.61
Q012215		360	8.0	30.3	0.005	0.02	1.36	3.1	2	0.5	177.0	0.28	<0.05	2.3	0.098	0.44
Q012216		720	23.1	97.0	0.009	0.08	3.98	8.2	2	1.7	110.5	0.98	0.07	7.7	0.320	1.31
Q012217		1100	16.6	132.5	0.013	0.07	3.72	11.3	4	1.9	86.5	1.21	0.08	10.4	0.410	1.36
Q012218		1740	27.1	116.5	0.004	0.09	6.26	11.2	5	1.7	119.0	1.17	0.09	9.9	0.364	1.55
Q012219		750	23.2	119.0	0.005	0.12	5.18	9.0	4	1.7	80.3	1.04	0.08	7.8	0.341	1.21
Q012220		1530	31.1	102.0	0.004	0.12	7.44	9.5	7	1.5	123.0	1.03	0.05	8.1	0.324	1.28

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q012181		2.5	89	0.3	11.4	515	6.3
Q012182		4.5	434	1.0	28.8	631	63.5
Q012183		5.0	468	1.2	73.4	940	71.1
Q012184		4.7	310	0.8	25.5	667	46.5
Q012185		2.9	40	0.2	7.1	194	5.4
Q012186		5.0	538	1.3	36.2	1400	69.8
Q012187		2.4	167	0.5	14.8	280	31.4
Q012188		4.8	61	0.2	7.4	132	7.6
Q012189		3.5	303	0.7	25.0	410	45.3
Q012190		5.4	582	1.3	39.7	1220	68.4
Q012191		3.7	325	0.9	25.5	526	54.2
Q012192		4.8	426	1.2	34.6	927	70.8
Q012193		3.5	179	0.6	17.6	458	34.6
Q012194		4.8	528	1.2	31.6	1210	71.7
Q012195		1.6	35	0.1	10.1	317	5.8
Q012196		7.4	869	0.7	28.5	1000	42.6
Q012197		5.0	532	1.1	33.1	964	61.2
Q012198		3.0	172	0.7	19.6	1800	31.2
Q012199		3.4	248	0.9	24.1	457	73.8
Q012200		4.9	487	1.4	36.4	910	88.1
Q012201		0.5	143	0.4	17.3	67	37.6
Q012202		3.5	79	0.5	11.8	120	21.7
Q012203		3.5	184	1.0	18.6	255	60.2
Q012204		4.1	292	1.3	25.0	468	79.8
Q012205		2.9	11	0.4	15.5	250	3.5
Q012206		3.9	256	1.4	19.8	232	60.2
Q012207		3.8	227	0.4	18.0	293	35.3
Q012208		4.3	436	1.4	32.2	787	80.5
Q012209		3.2	248	0.8	19.8	387	51.2
Q012210		4.7	450	1.4	30.0	624	86.9
Q012211		4.3	456	1.2	28.9	710	60.1
Q012212		3.7	276	0.5	16.9	271	24.6
Q012213		3.0	91	0.4	9.7	122	22.2
Q012214		3.8	265	1.3	20.7	397	61.8
Q012215		3.0	105	0.9	7.5	55	30.7
Q012216		3.8	322	2.9	17.6	150	96.3
Q012217		4.9	385	2.3	26.9	369	113.5
Q012218		5.3	361	3.1	34.5	439	116.0
Q012219		3.6	353	1.6	19.4	237	102.0
Q012220		5.9	310	1.7	40.1	512	102.5

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VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 25-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012221		0.29	0.01	0.51	5.97	251	1390	2.16	0.23	0.18	1.09	61.1	9.6	86	28.9	64.9
Q012222		0.13	0.01	0.60	5.99	592	1660	2.11	0.24	0.16	1.15	62.1	9.4	85	34.9	69.4
Q012223		0.26	0.01	5.88	6.08	2130	1260	1.90	0.29	0.19	3.28	63.7	7.6	88	31.5	58.3
Q012224		0.22	0.01	5.39	6.28	2140	1530	2.17	0.29	0.18	1.90	70.1	10.9	91	30.0	66.9
Q012225		0.33	0.01	3.10	6.63	1020	1830	3.09	0.26	0.17	2.67	74.6	6.2	92	35.9	89.7
Q012226		0.19	0.01	2.31	6.51	986	1590	2.94	0.24	0.16	1.92	67.6	6.1	91	29.7	74.7
Q012227		0.20	0.01	17.40	5.16	2370	1440	1.57	0.20	1.02	37.1	50.1	10.9	86	7.20	60.0
Q012228		0.21	<0.01	0.24	1.42	112	250	0.53	0.04	30.1	7.83	18.85	4.7	13	1.37	9.2
Q012229		0.14	<0.01	0.77	5.04	776	1400	1.57	0.19	5.84	7.75	56.6	10.4	66	6.68	51.3
Q012230		0.10	0.01	1.67	4.19	90.5	2910	1.18	0.15	7.90	3.59	38.3	3.8	114	8.99	38.0
Q012231		0.19	0.04	2.77	4.51	210	5460	1.41	0.17	1.10	5.26	43.2	5.0	172	12.70	69.0
Q012232		0.30	<0.01	0.38	0.10	45	150	0.23	0.01	36.2	8.21	1.37	1.8	3	0.35	8.3
Q012233		0.22	<0.01	0.19	7.46	61.5	940	2.04	0.26	2.91	2.40	75.9	11.5	79	6.68	31.3
Q012234		0.35	0.02	0.43	0.90	92	890	0.35	0.04	20.2	10.90	8.54	4.6	29	2.08	16.1
Q012235		0.17	0.03	1.82	4.90	370	6110	1.64	0.18	1.02	5.97	47.3	6.9	142	13.70	67.3
Q012236		0.19	0.01	1.46	4.73	1520	2150	1.75	0.17	4.02	12.75	49.4	8.7	92	9.36	61.6
Q012237		0.21	<0.01	0.40	1.71	441	1190	0.57	0.05	21.5	9.94	22.5	6.3	27	2.58	25.9
Q012238		0.13	0.01	1.20	4.71	1215	1830	1.60	0.19	4.77	10.95	49.5	9.1	85	8.75	57.2
Q012239		0.23	<0.01	1.16	5.16	1330	1440	1.75	0.18	3.71	11.55	53.3	10.6	79	7.33	57.4
Q012240		0.15	0.01	0.95	5.46	1110	1690	1.84	0.19	3.16	10.90	56.1	11.7	84	7.58	56.5
Q012241		0.27	<0.01	0.94	5.11	213	1710	1.54	0.19	5.56	3.50	55.7	9.4	84	8.89	51.9
Q012242		0.21	0.01	0.48	5.61	159.5	1000	1.42	0.20	5.67	3.10	61.2	12.0	67	6.75	46.1
Q012243		0.36	0.01	0.12	0.21	47	190	0.30	0.01	35.6	1.05	2.78	0.7	13	0.45	3.5
Q012244		0.12	0.03	1.75	4.38	216	4410	1.32	0.18	1.06	3.95	42.9	4.8	140	11.30	55.2
Q012245		0.16	<0.01	0.78	5.60	291	2900	1.81	0.20	0.55	2.57	60.9	8.9	95	11.45	55.7
Q012246		0.34	<0.01	1.39	0.18	339	210	0.24	0.01	33.7	26.9	4.12	10.7	8	0.37	8.0
Q012247		0.20	0.09	2.10	0.19	67	110	0.30	0.01	29.8	4.87	2.42	1.4	4	0.38	5.2
Q012248		0.17	0.02	0.72	4.42	261	820	1.34	0.16	11.65	2.88	50.0	9.2	53	7.10	40.9
Q012249		0.24	<0.01	0.06	0.13	42	60	0.16	0.01	24.4	1.42	1.66	0.8	2	0.17	2.8
Q012250		0.22	0.01	0.82	4.02	341	1200	1.30	0.15	10.50	3.75	44.2	7.6	65	7.12	39.2
Q012251		0.19	0.01	0.38	2.06	172	420	0.73	0.23	23.7	2.16	23.7	4.4	28	3.75	19.3
Q012252		0.22	0.01	0.44	3.57	130	540	1.05	0.13	14.10	1.99	41.5	7.6	44	4.14	30.4
Q012253		0.12	0.01	0.35	3.38	100	520	1.06	0.15	15.00	2.02	40.3	8.1	39	3.73	33.3
Q012254		0.15	0.01	1.71	4.27	101.0	3770	1.33	0.16	2.37	3.04	41.6	4.7	139	9.20	49.9
Q012255		0.46	0.01	0.16	0.09	43	180	0.34	0.01	39.2	2.35	1.07	0.7	3	0.25	6.0
Q012256		0.30	0.03	2.63	4.70	169.0	6030	1.67	0.18	1.36	5.17	50.1	5.1	164	13.75	66.8
Q012257		0.21	0.01	0.60	5.77	340	1360	2.19	0.24	0.42	2.87	70.3	13.5	86	30.4	75.8
Q012258		0.12	0.02	0.65	6.44	437	1350	2.48	0.27	0.42	2.27	74.4	13.3	91	36.5	83.8
Q012259		0.32	0.01	0.76	5.69	8900	3590	2.81	0.24	0.57	3.82	71.9	11.8	86	27.8	119.5
Q012260		0.24	0.01	0.57	5.93	218	1640	1.91	0.27	0.81	1.92	64.6	10.1	85	34.1	83.8

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012221		2.67	15.70	0.08	2.8	0.49	0.060	2.57	33.6	13.0	0.44	167	5.84	0.03	18.5	58.8
Q012222		3.62	15.65	0.08	2.8	0.45	0.063	2.53	34.2	15.1	0.44	156	7.16	0.03	18.1	64.9
Q012223		4.25	16.15	0.07	2.7	0.48	0.061	2.60	33.6	21.3	0.35	112	5.64	0.03	17.0	50.6
Q012224		5.16	16.40	0.08	2.9	1.34	0.084	2.65	38.2	18.0	0.37	210	9.03	0.03	20.3	73.3
Q012225		2.69	17.05	0.07	3.2	0.57	0.058	2.83	39.1	15.1	0.43	87	4.43	0.03	20.0	51.0
Q012226		2.32	16.45	0.09	3.0	0.48	0.052	2.75	37.0	14.2	0.44	87	3.97	0.03	20.5	45.7
Q012227		3.62	11.95	0.06	1.9	4.27	0.048	1.43	30.0	29.9	0.69	240	21.5	0.33	9.7	128.5
Q012228		0.78	3.53	<0.05	0.5	0.32	0.014	0.49	10.5	10.5	1.12	204	1.14	0.08	2.4	16.3
Q012229		3.26	11.90	0.08	2.1	0.76	0.043	1.58	32.1	27.4	0.82	451	8.29	0.28	10.1	83.3
Q012230		1.68	10.65	0.06	1.9	0.94	0.032	1.51	24.6	19.1	0.52	169	5.27	0.11	9.6	38.4
Q012231		2.49	11.60	0.09	1.9	1.27	0.046	1.54	31.3	18.1	0.33	132	13.65	0.04	9.0	84.8
Q012232		0.30	0.27	<0.05	<0.1	0.38	<0.005	0.03	0.9	0.7	0.10	504	0.85	<0.01	0.2	20.1
Q012233		3.54	19.15	0.11	3.7	0.12	0.061	2.98	37.3	72.2	0.93	249	0.90	0.12	13.3	48.9
Q012234		1.18	2.33	<0.05	0.5	0.56	0.014	0.29	5.6	8.5	1.87	451	6.21	0.03	1.8	53.3
Q012235		2.87	12.55	0.08	2.0	0.91	0.050	1.72	31.3	18.3	0.45	235	10.10	0.06	10.7	87.6
Q012236		3.16	11.65	0.08	1.9	2.75	0.040	1.59	31.2	19.2	0.78	258	11.85	0.11	10.8	139.5
Q012237		2.45	4.36	<0.05	0.8	0.44	0.025	0.55	13.5	10.0	0.85	375	4.30	0.11	3.9	35.7
Q012238		3.07	11.55	0.07	2.0	1.14	0.043	1.55	30.6	20.9	1.30	312	8.74	0.14	10.9	113.0
Q012239		3.40	11.90	0.08	2.0	1.27	0.042	1.62	32.4	25.0	0.85	374	10.35	0.23	10.5	133.0
Q012240		3.58	12.95	0.07	2.2	0.90	0.052	1.68	33.3	28.1	0.97	405	8.67	0.26	11.0	115.0
Q012241		3.05	12.30	0.08	2.3	1.06	0.047	1.71	31.7	21.3	1.16	403	6.32	0.41	14.4	59.0
Q012242		3.48	13.35	0.08	2.4	0.95	0.048	1.75	32.7	34.3	1.48	510	3.58	0.47	12.5	51.3
Q012243		0.21	0.51	<0.05	0.1	0.29	<0.005	0.06	2.0	1.4	0.11	523	1.42	<0.01	0.3	9.4
Q012244		2.58	11.50	0.08	1.9	0.85	0.040	1.51	29.6	17.8	0.33	106	10.65	0.04	8.9	80.3
Q012245		3.23	14.20	0.09	2.4	0.35	0.050	2.03	33.6	24.6	0.52	434	4.97	0.17	15.3	58.9
Q012246		1.85	0.57	<0.05	0.1	2.56	0.011	0.04	6.0	0.9	0.43	655	21.2	<0.01	0.3	175.5
Q012247		0.27	0.48	<0.05	0.1	0.93	<0.005	0.05	1.5	1.3	6.11	571	0.33	0.02	0.4	8.6
Q012248		2.62	10.85	0.07	1.9	0.70	0.035	1.48	28.0	22.5	1.74	461	4.04	0.29	10.0	48.9
Q012249		0.14	0.35	0.10	0.1	0.17	<0.005	0.04	1.1	1.3	9.16	76	0.25	0.01	0.2	4.9
Q012250		2.48	9.92	0.11	1.7	0.84	0.036	1.36	25.8	19.3	1.79	422	4.67	0.20	9.4	52.1
Q012251		1.30	5.03	0.06	1.0	0.35	0.018	0.66	14.7	10.7	1.65	256	2.27	0.13	4.7	30.1
Q012252		2.38	8.78	0.08	1.6	0.39	0.030	1.20	22.8	21.5	2.41	488	2.57	0.23	8.1	34.3
Q012253		2.36	8.55	0.06	1.5	0.36	0.035	1.12	22.5	22.7	2.21	534	2.42	0.22	7.6	32.1
Q012254		2.43	10.65	0.09	1.8	0.54	0.041	1.33	30.0	17.4	0.30	141	8.72	0.07	8.0	71.5
Q012255		0.23	0.26	0.10	0.1	0.40	<0.005	0.03	0.7	0.8	0.23	255	0.42	0.01	0.3	9.6
Q012256		2.62	12.00	0.19	2.3	0.93	0.044	1.69	34.8	17.8	0.32	131	10.75	0.06	11.0	77.5
Q012257		5.71	14.65	0.21	2.9	0.50	0.051	2.60	37.7	15.7	0.50	561	5.87	0.04	19.2	72.2
Q012258		3.00	16.85	0.21	3.1	0.72	0.056	2.83	40.8	17.7	0.52	267	5.07	0.08	19.2	70.3
Q012259		6.92	14.15	0.25	2.6	0.70	0.065	2.48	37.3	12.1	0.41	358	3.75	0.06	16.6	56.0
Q012260		2.81	15.75	0.13	2.9	0.39	0.057	2.66	35.3	18.3	0.51	156	4.61	0.05	18.4	56.6

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012221		900	17.9	131.0	0.007	0.07	4.16	10.9	4	1.9	66.7	1.09	0.09	9.0	0.368	1.33
Q012222		880	22.6	130.5	0.005	0.31	5.40	10.3	3	1.9	136.0	1.09	0.09	8.9	0.362	1.52
Q012223		1000	38.0	128.5	0.003	0.46	10.65	10.2	3	2.0	208	1.02	0.12	12.2	0.363	1.64
Q012224		1020	61.8	131.0	0.004	0.34	11.25	11.3	7	2.0	192.5	1.21	0.10	12.8	0.389	1.67
Q012225		1070	30.5	147.0	0.007	0.24	7.65	11.3	3	2.1	230	1.23	0.12	11.3	0.406	1.74
Q012226		910	29.9	141.5	0.007	0.16	6.03	10.2	3	2.1	138.0	1.24	0.09	9.4	0.404	1.56
Q012227		990	8250	77.9	0.003	0.05	401	9.7	3	1.5	103.5	0.66	0.08	7.0	0.306	6.14
Q012228		190	15.6	24.3	0.002	<0.01	1.43	3.2	1	0.5	308	0.17	<0.05	2.2	0.072	0.55
Q012229		860	76.3	79.0	0.003	0.07	6.34	9.6	3	1.5	197.0	0.70	0.08	7.8	0.314	2.67
Q012230		780	67.0	79.5	0.010	0.17	4.28	8.5	4	1.3	165.0	0.62	0.08	5.4	0.264	1.21
Q012231		3170	28.2	87.1	0.012	0.28	6.59	9.7	10	1.4	261	0.57	0.12	6.1	0.255	2.86
Q012232		60	9.3	1.8	<0.002	0.01	0.46	1.7	<1	<0.2	106.0	<0.05	<0.05	<0.2	0.005	0.24
Q012233		660	24.6	127.0	0.002	0.03	0.92	11.8	1	2.5	106.5	0.94	<0.05	14.9	0.378	1.23
Q012234		1410	128.0	16.2	0.010	0.11	1.72	3.2	1	0.4	139.0	0.11	<0.05	1.0	0.056	0.42
Q012235		1790	46.7	95.4	0.006	0.26	5.84	9.7	7	1.5	213	0.68	0.13	6.4	0.282	3.13
Q012236		1060	324	81.4	0.005	0.09	8.09	8.6	6	1.4	164.0	0.70	0.09	6.4	0.275	3.43
Q012237		380	26.5	28.0	0.004	0.05	2.74	4.5	1	0.5	363	0.24	<0.05	2.1	0.122	1.42
Q012238		990	149.5	80.4	0.005	0.08	6.55	8.9	4	1.4	155.5	0.72	0.08	6.5	0.286	3.48
Q012239		1010	98.2	81.9	0.004	0.07	6.55	9.5	4	1.5	149.0	0.70	0.09	7.1	0.311	3.59
Q012240		970	75.1	85.8	0.004	0.08	5.55	10.6	4	1.6	138.0	0.72	0.08	7.5	0.330	3.36
Q012241		1240	42.6	83.1	0.003	0.09	4.13	10.0	3	1.5	199.0	0.87	0.08	7.8	0.364	1.43
Q012242		960	48.9	84.1	0.003	0.05	3.10	11.0	3	1.6	185.5	0.82	0.06	8.6	0.376	1.30
Q012243		130	8.2	3.1	<0.002	<0.01	0.50	30.6	2	<0.2	128.0	<0.05	<0.05	0.3	0.009	0.08
Q012244		2060	21.5	82.3	0.011	0.24	5.52	9.0	8	1.4	250	0.58	0.12	6.0	0.254	2.37
Q012245		1140	23.1	103.0	0.005	0.12	3.74	10.4	3	1.7	107.0	0.93	0.10	8.1	0.357	1.21
Q012246		250	908	2.5	<0.002	0.05	48.0	9.0	1	0.8	78.2	<0.05	<0.05	0.2	0.009	0.15
Q012247		150	42.2	2.8	<0.002	<0.01	1.44	4.7	<1	<0.2	89.8	<0.05	<0.05	0.3	0.012	0.34
Q012248		910	46.5	74.6	<0.002	0.04	3.74	8.7	2	1.4	185.0	0.67	0.07	6.9	0.282	1.07
Q012249		70	12.8	1.9	<0.002	<0.01	2.83	0.4	<1	<0.2	170.5	<0.05	<0.05	0.2	0.008	0.13
Q012250		910	43.9	68.7	0.002	0.06	3.52	7.8	2	1.2	233	0.61	0.06	6.0	0.250	1.46
Q012251		480	22.5	34.4	0.002	0.02	1.83	5.8	1	0.7	215	0.30	<0.05	3.2	0.131	0.74
Q012252		740	24.4	58.1	0.003	0.03	2.00	7.4	2	1.1	212	0.55	0.05	5.6	0.227	0.78
Q012253		750	29.2	55.3	0.002	0.03	1.94	7.2	1	1.1	277	0.52	<0.05	5.5	0.216	0.72
Q012254		2210	19.3	78.0	0.006	0.22	4.04	8.3	7	1.3	247	0.53	0.12	5.7	0.247	1.40
Q012255		40	7.3	1.5	0.002	0.01	0.33	0.7	1	<0.2	317	<0.05	<0.05	<0.2	0.008	0.06
Q012256		2280	30.0	88.7	0.010	0.28	5.85	10.1	8	1.4	255	0.70	0.14	6.9	0.295	2.21
Q012257		1350	41.2	123.0	0.010	0.10	5.32	12.9	5	1.6	78.1	1.11	0.10	9.9	0.379	1.26
Q012258		1190	42.8	136.5	0.008	0.07	5.24	12.1	3	1.9	82.4	1.14	0.11	10.9	0.409	1.51
Q012259		1360	35.7	115.5	0.007	0.16	12.60	15.1	6	1.6	117.0	0.98	0.10	10.2	0.352	1.72
Q012260		1150	34.0	128.0	0.005	0.09	4.26	10.6	4	1.7	78.8	1.11	0.11	9.8	0.373	1.17

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q012221		4.0	372	1.8	20.5	327	107.5
Q012222		3.9	375	3.0	18.3	373	107.5
Q012223		4.1	360	10.0	15.1	212	103.5
Q012224		4.5	416	9.8	17.9	489	113.5
Q012225		5.1	404	9.0	26.6	277	119.5
Q012226		4.6	415	8.5	24.5	242	117.0
Q012227		5.9	1200	1.3	29.2	2810	132.0
Q012228		1.6	51	0.4	7.7	138	19.2
Q012229		3.9	349	1.2	26.5	678	76.5
Q012230		5.2	306	1.4	20.8	201	75.4
Q012231		6.8	407	1.6	34.9	380	75.5
Q012232		4.4	17	0.2	9.1	130	2.2
Q012233		3.8	120	1.5	21.4	206	128.0
Q012234		2.6	64	0.4	9.7	394	21.4
Q012235		5.2	419	1.7	29.5	461	79.6
Q012236		4.8	530	1.3	33.0	1000	73.5
Q012237		2.3	143	0.4	16.1	385	36.0
Q012238		4.5	433	1.2	30.8	858	75.9
Q012239		4.5	464	1.3	32.8	945	75.6
Q012240		4.3	429	1.3	30.1	784	90.3
Q012241		3.9	251	1.5	24.5	362	88.7
Q012242		3.2	193	1.3	21.3	333	87.6
Q012243		3.8	102	0.3	49.5	63	11.5
Q012244		6.0	338	1.6	26.2	319	77.0
Q012245		3.9	338	1.4	24.0	327	94.5
Q012246		5.5	88	0.7	30.5	958	6.0
Q012247		3.3	27	0.3	11.8	207	5.2
Q012248		3.3	190	1.4	21.1	277	75.8
Q012249		2.1	8	0.1	2.0	79	2.8
Q012250		3.4	216	1.4	21.6	337	64.6
Q012251		3.1	108	0.7	15.8	185	35.2
Q012252		2.9	135	0.9	17.8	204	59.9
Q012253		2.9	123	0.9	17.0	200	62.2
Q012254		4.7	300	1.3	27.2	269	71.0
Q012255		1.0	11	0.2	4.5	150	1.9
Q012256		7.0	426	1.9	32.5	354	85.9
Q012257		4.8	390	1.5	33.3	434	113.5
Q012258		4.5	374	1.8	33.5	401	118.0
Q012259		5.0	369	3.2	50.0	285	108.5
Q012260		3.9	350	1.4	24.8	353	107.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012261		0.22	0.01	0.71	4.46	239	2880	1.31	0.15	0.21	2.58	48.8	10.0	74	29.2	68.0
Q012262		0.20	0.02	1.55	5.50	420	1140	2.15	0.23	1.42	4.40	71.7	10.4	81	15.95	55.9
Q012263		0.22	<0.01	0.21	0.24	21	2300	0.20	0.01	29.5	1.54	4.35	0.9	7	0.79	7.6
Q012264		0.43	0.03	0.86	0.19	491	160	0.39	0.01	30.0	4.48	3.44	1.3	4	0.54	4.5
Q012265		0.17	0.01	1.25	4.71	334	1710	1.66	0.20	6.87	4.30	61.8	9.5	69	12.25	52.7
Q012266		0.19	0.01	2.23	3.03	194.0	1680	0.82	0.12	8.57	3.10	32.3	3.1	86	7.33	42.2
Q012267		0.15	0.02	2.61	3.96	179.5	5990	1.30	0.17	1.44	5.69	44.2	5.3	163	11.60	61.2
Q012268		0.12	0.04	1.27	2.21	264	1550	0.69	0.08	10.35	2.30	24.0	2.5	66	4.42	20.7
Q012269		0.20	0.02	2.63	4.10	136.0	6050	1.33	0.18	0.87	4.18	43.5	5.4	171	11.20	59.2
Q012270		0.16	<0.01	2.19	4.05	90.7	5030	1.25	0.17	2.04	2.91	45.5	5.1	154	9.73	49.8
Q012271		0.20	0.01	0.46	5.11	180.5	860	1.36	0.20	9.27	1.58	66.6	11.6	60	5.98	34.5
Q012272		0.18	<0.01	0.41	2.42	210	500	0.68	0.10	22.9	2.66	31.2	5.3	34	4.02	21.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method Analyte Units LOR	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- CV41 Hg ppm 0.01	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
Q012261		3.36	11.60	0.10	2.2	0.62	0.040	1.93	27.4	13.7	0.33	199	6.04	0.03	11.7	58.2
Q012262		3.32	15.75	0.15	2.7	1.34	0.054	2.07	40.1	29.3	0.81	360	5.47	0.23	15.4	59.5
Q012263		0.16	0.73	0.06	0.1	0.14	0.007	0.08	5.1	1.7	0.33	69	5.79	0.01	0.9	19.2
Q012264		0.60	0.62	0.06	0.1	0.69	0.009	0.07	2.3	1.1	4.98	367	0.92	0.01	0.7	8.5
Q012265		2.92	13.60	0.13	2.3	1.89	0.047	1.87	34.3	24.0	1.13	392	5.93	0.18	14.3	52.6
Q012266		1.97	8.84	0.09	1.4	1.74	0.032	1.01	21.3	12.7	0.29	86	8.48	0.06	6.2	40.1
Q012267		2.70	11.50	0.15	2.0	0.94	0.044	1.36	31.7	19.7	0.27	125	13.00	0.06	9.0	91.4
Q012268		1.75	6.08	0.06	1.2	0.62	0.024	0.78	15.4	11.1	0.23	133	5.51	0.03	5.1	36.2
Q012269		2.65	11.75	0.14	1.9	0.61	0.045	1.34	31.7	19.1	0.28	166	13.40	0.07	8.9	85.5
Q012270		2.53	11.55	0.12	1.9	0.67	0.047	1.28	33.3	17.3	0.58	223	8.81	0.09	8.7	69.4
Q012271		3.39	14.15	0.11	2.4	0.26	0.049	1.62	36.4	31.3	1.56	709	2.71	0.43	13.2	41.6
Q012272		1.61	6.63	0.06	1.1	0.42	0.028	0.80	19.2	16.5	1.03	319	2.93	0.17	6.3	33.4

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012261		1060	41.5	92.8	0.003	0.24	6.00	7.9	7	1.2	80.6	0.75	0.09	6.7	0.266	1.05
Q012262		1090	66.0	108.5	0.002	0.05	5.78	11.2	4	1.8	122.5	0.95	0.11	10.1	0.356	1.90
Q012263		130	2.8	4.8	<0.002	0.12	1.14	0.7	1	<0.2	609	<0.05	<0.05	0.4	0.015	0.13
Q012264		80	53.5	3.4	0.002	0.05	5.93	1.5	2	<0.2	176.0	<0.05	<0.05	0.3	0.010	0.55
Q012265		910	74.2	96.6	<0.002	0.07	5.22	9.8	4	1.6	176.0	0.82	0.09	8.4	0.296	1.78
Q012266		820	47.6	55.9	0.015	0.14	10.15	7.5	6	1.0	205	0.36	0.09	4.2	0.197	1.68
Q012267		2820	27.0	75.5	0.008	0.27	6.26	9.5	10	1.3	281	0.55	0.14	6.5	0.244	2.39
Q012268		1150	59.6	39.6	0.011	0.19	6.54	4.5	4	0.7	835	0.30	0.09	2.4	0.124	0.55
Q012269		1960	20.9	77.9	0.005	0.27	5.86	9.7	10	1.4	251	0.52	0.22	6.3	0.244	1.73
Q012270		1740	15.0	77.8	0.003	0.24	3.65	9.0	9	1.3	248	0.51	0.17	6.4	0.242	1.21
Q012271		1140	28.0	82.4	<0.002	0.03	2.33	11.2	2	1.7	163.5	0.80	0.07	9.4	0.339	0.87
Q012272		660	23.9	41.2	<0.002	0.03	2.18	5.5	2	0.8	210	0.36	0.05	4.3	0.156	0.91

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q012261		2.8	283	1.0	17.0	496	85.4
Q012262		3.9	323	3.4	30.0	446	102.0
Q012263		0.9	75	0.2	7.6	57	7.6
Q012264		6.4	22	0.7	7.6	115	5.2
Q012265		3.7	271	2.6	26.1	395	94.7
Q012266		4.0	308	2.5	19.2	231	56.9
Q012267		7.3	347	1.7	33.1	385	78.5
Q012268		3.2	149	1.7	18.1	180	47.7
Q012269		6.4	371	1.4	34.5	357	77.0
Q012270		4.9	296	1.3	30.2	281	74.7
Q012271		3.8	156	1.5	28.1	223	91.8
Q012272		4.0	123	0.9	19.8	221	45.8

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 25-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13143900

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

CERTIFICATE WH13145854

Project: NADALEEN

P.O. No.: AnEX-7

This report is for 171 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012273	0.13	<0.01	0.13	0.88	89	240	0.26	0.05	29.4	0.81	10.40	3.6	14	0.89	16.3
Q012274	0.20	0.01	0.46	2.94	186	630	0.92	0.14	18.90	2.27	35.3	6.3	45	4.36	28.5
Q012275	0.14	<0.01	0.62	5.66	228	1780	1.78	0.24	0.76	3.01	66.4	11.2	91	15.45	56.7
Q012276	0.25	<0.01	0.60	5.05	191.0	1800	1.47	0.23	3.52	2.18	56.3	9.5	84	11.80	57.2
Q012277	0.23	0.01	0.60	5.45	388	1760	1.89	0.25	0.35	2.50	70.8	13.5	90	29.9	84.1
Q012278	0.23	0.01	0.87	5.41	1355	1510	1.92	0.24	0.39	4.49	62.0	15.6	93	25.3	99.9
Q012279	0.22	0.01	0.66	4.95	935	2830	1.87	0.23	1.05	5.60	53.2	17.6	86	22.4	85.6
Q012280	0.30	0.01	0.67	4.43	88.3	1150	1.19	0.20	0.16	0.16	46.1	3.2	93	22.9	23.3
Q012281	0.29	0.01	1.86	4.89	5090	6510	2.02	0.27	0.22	5.12	60.0	18.5	85	20.0	169.0
Q012282	0.16	0.02	0.66	6.20	145.0	1750	2.43	0.28	0.23	1.54	66.0	10.5	102	34.7	138.5
Q012283	0.15	0.01	0.51	6.46	242	1570	1.85	0.34	0.15	0.65	68.5	5.9	102	43.8	72.8
Q012284	0.16	0.01	1.33	3.63	3420	7030	2.73	0.22	0.19	9.81	40.1	11.0	65	12.30	172.5
Q012285	0.14	<0.01	1.27	5.58	156.5	2240	1.79	0.25	0.34	3.43	61.2	7.9	118	19.35	64.8
Q012286	0.16	0.01	1.49	5.54	214	2370	1.91	0.23	0.53	7.40	63.9	9.0	125	17.30	77.7
Q012287	0.27	0.01	4.14	4.36	2630	3640	1.64	0.16	0.27	13.50	36.7	8.0	223	11.10	118.5
Q012288	0.07	0.04	2.65	4.52	280	6800	1.52	0.18	1.00	7.58	43.6	7.6	168	11.30	85.6
Q012289	0.21	0.02	1.25	5.37	197.5	2930	1.55	0.23	0.73	8.49	54.2	11.2	121	9.72	57.3
Q012290	0.18	0.06	2.65	4.44	263	6090	1.53	0.19	1.51	6.73	45.0	6.7	156	11.55	67.0
Q012291	0.16	<0.01	0.17	0.87	71	380	0.57	0.04	31.5	0.65	8.37	1.7	14	1.07	7.8
Q012292	0.21	<0.01	0.42	1.90	189	1120	0.76	0.08	25.1	1.49	20.9	3.6	41	3.11	18.4
Q012293	0.11	0.01	0.42	2.61	208	750	0.97	0.10	22.5	1.91	32.2	5.8	43	3.94	23.9
Q012294	0.47	0.01	1.41	3.22	36.4	2140	0.84	0.16	0.22	1.24	33.0	0.9	74	8.16	10.4
Q012295	0.19	<0.01	0.10	0.14	21	310	0.46	0.02	28.5	0.44	3.02	0.6	7	0.35	2.7
Q012296	0.33	0.06	0.07	0.05	27	70	0.25	0.02	37.3	0.67	0.86	0.7	3	0.15	2.3
Q012297	0.13	0.01	0.56	6.34	122.5	1410	1.94	0.24	3.79	2.01	81.5	13.1	87	8.08	49.9
Q012298	0.14	0.04	3.08	4.46	291	4180	1.60	0.18	2.66	6.62	46.8	5.5	163	12.70	66.7
Q012299	0.12	0.01	2.87	4.52	119.0	3780	1.65	0.18	1.82	5.52	49.4	5.8	164	12.60	65.6
Q012300	0.27	0.01	1.42	5.97	128.0	2270	2.07	0.25	0.86	3.42	69.8	10.9	103	13.35	62.6
Q012301	0.21	0.02	1.87	4.68	237	2710	1.37	0.18	0.37	3.33	52.5	6.1	128	12.10	60.5
Q012302	0.24	0.01	0.12	0.09	66	7150	0.58	0.01	35.6	1.64	1.81	0.8	6	0.21	4.8
Q012303	0.29	0.01	10.40	5.58	485	1630	1.62	0.25	0.16	2.85	59.4	1.5	95	8.85	167.5
Q012304	0.15	0.03	3.99	4.49	337	1420	1.47	0.20	1.82	5.65	51.5	4.7	168	13.45	62.3
Q012305	0.21	0.01	1.64	4.43	964	1730	1.38	0.18	1.33	10.45	43.2	8.1	110	10.00	54.9
Q012306	0.26	0.03	3.88	4.86	424	4270	1.68	0.22	0.29	3.34	56.5	2.9	124	11.10	36.4
Q012307	0.37	<0.01	0.50	0.74	49	2210	0.22	0.03	17.80	0.98	9.22	1.9	20	1.01	8.5
Q012308	0.29	0.03	3.12	4.99	243	1740	1.20	0.25	0.21	0.69	64.9	0.7	103	9.97	10.3
Q013285	0.31	0.01	4.54	2.30	9810	1420	1.45	0.07	0.46	48.1	14.90	31.0	110	5.15	118.5
Q013286	0.17	0.01	1.07	3.45	1160	790	1.60	0.12	0.34	1.66	27.5	9.9	168	6.31	178.0
Q013287	0.27	0.02	1.49	4.64	1175	1680	1.36	0.20	0.86	1.34	43.0	5.9	198	9.74	76.0
Q013288	0.25	0.01	1.53	4.36	1525	2290	1.66	0.19	0.28	1.21	41.0	9.1	216	7.73	194.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method / Analyte / Units / LOR	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- CV41 Hg ppm 0.01	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
Q012273		1.06	2.47	0.05	0.5	0.12	0.010	0.25	6.4	5.5	2.23	414	0.96	0.09	1.8	11.6
Q012274		2.01	7.86	0.11	1.4	0.47	0.026	0.99	21.0	15.2	1.26	359	3.40	0.19	7.1	35.5
Q012275		3.76	15.25	0.11	2.7	0.27	0.056	2.08	36.6	24.2	0.66	570	5.07	0.19	16.3	57.3
Q012276		3.17	13.70	0.10	2.3	0.28	0.041	1.92	31.9	23.9	1.29	409	4.96	0.19	14.8	49.9
Q012277		4.99	15.30	0.09	2.6	0.31	0.053	2.50	36.3	13.1	0.42	742	5.51	0.03	17.7	80.9
Q012278		6.29	15.10	0.06	2.4	0.55	0.061	2.37	34.2	13.2	0.43	765	6.71	0.07	15.1	112.5
Q012279		4.22	13.95	0.05	2.1	0.90	0.076	2.17	29.2	22.4	0.67	690	3.74	0.04	12.7	67.9
Q012280		1.71	13.45	0.07	2.2	0.32	0.029	2.06	26.6	10.5	0.30	77	4.76	0.03	12.1	28.0
Q012281		8.13	13.20	0.05	2.2	1.08	0.075	2.00	31.6	17.4	0.25	426	4.71	0.02	12.8	78.1
Q012282		3.86	17.30	0.05	2.8	0.33	0.055	2.83	35.9	14.6	0.49	322	5.31	0.05	16.6	66.4
Q012283		2.41	19.45	0.08	3.1	0.27	0.055	3.02	39.3	15.0	0.52	98	3.76	0.04	17.5	41.4
Q012284		5.74	8.74	<0.05	1.4	0.84	0.056	1.27	20.9	34.5	0.14	350	2.57	0.01	8.8	82.8
Q012285		3.55	16.10	<0.05	2.8	0.29	0.052	2.15	35.3	21.9	0.49	252	8.48	0.13	17.2	60.6
Q012286		3.39	15.40	0.05	2.8	0.36	0.047	2.16	36.8	22.5	0.56	578	9.19	0.16	16.8	112.0
Q012287		11.55	11.95	<0.05	1.7	1.52	0.107	1.41	27.1	10.0	0.18	131	28.3	0.02	5.5	255
Q012288		3.32	13.00	<0.05	2.0	1.47	0.050	1.58	31.1	21.6	0.45	173	15.85	0.06	9.1	101.0
Q012289		3.81	14.90	<0.05	2.4	0.61	0.050	1.81	31.7	30.1	0.57	550	8.71	0.25	12.9	77.0
Q012290		2.85	12.35	0.05	2.0	1.15	0.045	1.58	31.6	22.0	0.44	174	15.40	0.08	9.7	90.5
Q012291		0.58	2.04	<0.05	0.5	0.14	0.008	0.23	5.7	7.2	0.27	185	1.02	0.12	1.7	10.1
Q012292		1.23	4.85	<0.05	1.0	0.26	0.018	0.62	13.6	9.7	0.52	208	2.72	0.13	4.4	24.4
Q012293		1.75	6.85	0.05	1.2	0.30	0.021	0.84	18.3	15.0	1.05	318	2.97	0.18	6.1	33.8
Q012294		0.92	9.35	0.23	1.7	0.32	0.015	1.06	22.6	11.9	0.19	30	5.32	0.03	5.9	12.4
Q012295		0.15	0.48	0.16	0.1	0.05	0.007	0.04	3.8	1.4	5.32	84	3.55	0.01	0.2	8.2
Q012296		0.10	0.23	<0.05	<0.1	0.18	<0.005	0.02	0.8	0.4	0.13	161	0.26	<0.01	0.1	6.5
Q012297		4.00	16.60	0.11	3.0	0.41	0.055	2.27	42.6	34.3	1.37	566	4.17	0.30	18.9	56.1
Q012298		2.81	12.15	0.11	2.1	1.22	0.041	1.49	34.1	19.0	0.33	164	14.60	0.07	9.0	92.0
Q012299		2.57	12.60	0.09	2.2	0.73	0.044	1.56	33.6	19.8	0.63	164	13.40	0.11	10.8	79.0
Q012300		3.51	16.80	0.11	2.9	0.56	0.059	2.20	39.5	28.3	0.73	330	6.31	0.21	16.6	64.7
Q012301		3.17	13.15	0.05	2.3	1.87	0.046	1.71	35.3	13.6	0.26	142	9.16	0.06	12.1	73.9
Q012302		0.22	0.34	<0.05	0.1	0.28	<0.005	0.03	1.7	1.0	0.10	494	0.90	<0.01	0.1	10.8
Q012303		2.35	16.20	0.17	2.7	11.50	0.033	1.91	37.6	11.3	0.22	19	8.52	0.03	10.0	42.4
Q012304		2.52	13.15	0.12	2.3	2.78	0.039	1.55	37.0	16.2	0.31	111	19.55	0.04	10.5	88.4
Q012305		4.22	12.20	0.06	1.8	1.69	0.033	1.48	27.4	31.4	0.25	137	9.32	0.03	9.2	64.0
Q012306		1.89	14.00	0.08	2.7	3.34	0.030	1.84	37.0	11.9	0.26	47	10.10	0.03	15.6	55.0
Q012307		0.73	1.47	<0.05	0.5	0.31	0.007	0.27	6.3	4.1	8.12	209	4.49	0.03	2.0	27.1
Q012308		1.31	14.85	0.23	3.1	3.95	0.023	2.12	40.6	10.4	0.27	25	10.55	0.03	19.3	13.7
Q013285		24.4	5.54	<0.05	0.7	2.55	0.039	0.47	12.4	5.4	0.13	595	48.5	0.01	2.5	358
Q013286		4.41	10.05	<0.05	1.4	2.99	0.107	1.17	20.3	7.1	0.16	129	16.20	0.02	4.1	127.0
Q013287		3.55	12.40	<0.05	2.2	4.87	0.052	1.59	32.5	10.8	0.23	58	17.25	0.03	6.8	143.5
Q013288		5.27	10.85	<0.05	2.0	4.06	0.086	1.47	30.3	9.7	0.18	68	32.0	0.02	5.3	298

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012273		300	6.0	10.6	<0.002	0.02	0.58	3.2	1	0.3	242	0.12	<0.05	1.2	0.078	0.22
Q012274		740	31.4	46.0	<0.002	0.03	2.20	6.6	3	1.0	264	0.45	<0.05	4.9	0.197	0.88
Q012275		1140	30.0	101.5	0.002	0.05	3.74	11.3	2	1.9	90.9	1.03	0.11	9.2	0.376	1.37
Q012276		1010	26.5	88.8	<0.002	0.09	3.61	9.7	3	1.7	116.0	0.92	0.09	8.3	0.344	1.24
Q012277		1400	17.5	115.0	0.006	0.10	5.72	12.3	5	1.8	84.8	1.07	0.11	9.3	0.347	1.20
Q012278		1080	30.4	107.5	0.007	0.04	7.84	13.2	3	1.8	89.6	0.92	0.09	9.2	0.336	1.65
Q012279		1310	27.5	97.5	0.003	0.04	4.63	11.0	3	1.7	218	0.78	0.12	7.7	0.296	1.12
Q012280		360	29.0	97.3	0.004	0.12	4.25	6.3	3	1.5	81.4	0.78	0.09	6.5	0.270	1.17
Q012281		2340	99.4	90.0	0.002	0.12	15.70	17.2	6	1.7	362	0.79	0.12	7.7	0.285	2.31
Q012282		980	20.6	129.0	0.005	0.05	3.83	12.1	3	2.0	104.0	1.05	0.12	9.8	0.379	1.27
Q012283		800	13.7	148.0	0.006	0.16	5.20	12.1	2	2.2	89.6	1.12	0.16	10.8	0.387	1.41
Q012284		3520	46.5	55.2	<0.002	0.05	9.85	14.7	4	1.2	482	0.55	0.10	5.5	0.203	1.09
Q012285		1210	26.1	110.5	0.004	0.11	5.34	11.0	4	1.8	105.0	1.07	0.11	9.1	0.366	1.84
Q012286		1440	28.5	102.0	0.003	0.15	5.61	10.9	5	1.8	120.0	1.04	0.09	9.2	0.365	1.80
Q012287		1440	321	65.7	0.002	0.10	40.8	8.7	8	1.6	220	0.35	0.12	5.4	0.216	1.35
Q012288		3130	40.1	78.2	0.008	0.29	9.08	11.1	10	1.4	253	0.61	0.16	6.1	0.293	2.77
Q012289		2000	29.7	89.7	0.005	0.13	4.84	11.3	5	1.8	161.5	0.84	0.08	7.6	0.379	1.77
Q012290		2850	30.3	76.6	0.008	0.27	7.77	9.9	9	1.5	240	0.63	0.14	6.2	0.267	2.62
Q012291		270	5.4	11.2	<0.002	0.01	0.57	4.4	1	0.2	150.5	0.12	<0.05	1.8	0.046	0.25
Q012292		680	10.8	29.5	0.002	0.04	1.48	5.2	2	0.5	241	0.29	<0.05	3.1	0.121	0.66
Q012293		660	20.1	40.7	0.003	0.04	2.18	6.8	2	0.9	220	0.41	0.05	4.3	0.171	0.99
Q012294		330	8.8	60.8	0.042	0.14	2.14	7.1	10	0.9	75.2	0.40	0.07	4.4	0.194	0.86
Q012295		120	23.6	2.2	0.021	<0.01	1.56	0.4	1	<0.2	636	<0.05	<0.05	0.2	0.007	0.11
Q012296		40	2.1	0.9	<0.002	<0.01	0.33	0.7	1	<0.2	139.0	<0.05	<0.05	<0.2	<0.005	0.09
Q012297		1530	28.5	105.0	0.004	0.05	3.30	11.7	3	2.1	160.5	1.25	0.05	11.0	0.437	1.35
Q012298		2290	39.0	83.6	0.007	0.23	7.95	10.0	10	1.3	271	0.58	0.13	6.6	0.253	3.34
Q012299		1630	26.0	86.0	0.013	0.21	5.67	9.7	10	1.4	234	0.68	0.08	6.8	0.275	1.75
Q012300		1150	27.3	112.0	0.006	0.09	5.10	12.0	4	1.8	124.5	1.02	0.11	9.9	0.384	1.67
Q012301		1250	29.3	92.1	0.006	0.20	8.32	9.3	6	1.6	198.0	0.74	0.09	7.3	0.287	3.52
Q012302		70	10.8	1.3	<0.002	0.17	1.16	10.3	1	<0.2	63.5	<0.05	<0.05	0.2	<0.005	0.11
Q012303		750	358	96.8	0.002	0.03	5.56	9.8	9	1.8	193.5	0.67	0.09	8.1	0.314	1.06
Q012304		2400	168.5	86.2	0.012	0.18	11.95	10.1	11	1.6	335	0.70	0.14	7.3	0.263	3.68
Q012305		900	62.9	77.0	0.017	0.17	26.4	9.6	4	1.3	291	0.60	0.10	5.7	0.307	2.68
Q012306		830	89.0	91.8	0.010	0.22	10.05	9.0	8	1.6	246	0.93	0.13	7.9	0.310	3.19
Q012307		380	15.8	10.3	0.004	0.07	1.85	1.7	2	0.2	829	0.12	<0.05	1.4	0.045	0.42
Q012308		660	42.8	97.3	0.006	0.35	7.95	8.1	14	1.7	260	1.19	0.13	9.0	0.348	4.92
Q013285		1630	275	23.9	0.002	0.21	276	4.6	6	0.5	404	0.15	<0.05	1.4	0.073	1.54
Q013286		1290	12.3	54.2	0.033	0.25	15.90	11.7	10	1.1	174.5	0.27	0.08	4.4	0.140	8.47
Q013287		1940	23.4	83.4	0.038	0.26	19.10	10.3	12	1.5	228	0.46	0.08	6.6	0.228	6.31
Q013288		2440	22.2	73.1	0.053	0.21	30.3	14.6	18	1.3	364	0.35	0.10	6.9	0.179	4.35

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
Q012273		2.6	42	0.3	8.8	56	17.0	
Q012274		3.7	137	0.8	18.1	215	53.0	
Q012275		3.7	321	1.6	24.9	353	103.0	
Q012276		3.5	305	1.3	22.1	287	92.7	
Q012277		4.7	376	2.3	36.3	336	104.0	
Q012278		4.8	368	3.5	30.6	424	96.8	
Q012279		3.3	306	4.3	23.0	606	81.0	
Q012280		2.6	299	4.4	12.8	81	86.4	
Q012281		4.1	341	5.5	27.8	685	84.9	
Q012282		3.8	373	4.4	25.5	404	107.5	
Q012283		3.7	376	1.7	16.3	161	113.5	
Q012284		3.5	256	5.7	28.3	782	57.8	
Q012285		5.1	419	1.9	22.8	333	107.5	
Q012286		5.1	402	1.9	27.5	580	104.5	
Q012287		6.3	379	3.6	38.7	1580	67.0	
Q012288		6.4	454	1.8	31.4	459	74.7	
Q012289		4.7	352	1.5	22.9	372	90.6	
Q012290		6.4	416	1.8	30.5	430	75.4	
Q012291		3.4	44	0.3	11.1	57	19.5	
Q012292		3.9	100	0.6	15.8	136	34.7	
Q012293		3.9	121	0.8	18.6	191	44.9	
Q012294		3.9	192	0.9	13.7	44	59.5	
Q012295		2.1	23	0.3	6.7	20	2.7	
Q012296		1.4	8	0.2	3.6	40	1.3	
Q012297		4.1	205	1.5	26.3	242	109.0	
Q012298		7.1	391	2.0	30.4	407	81.0	
Q012299		6.3	330	1.8	26.4	340	87.9	
Q012300		4.3	337	1.8	26.5	272	111.5	
Q012301		6.2	403	2.8	25.4	337	99.2	
Q012302		4.3	57	0.2	24.4	67	6.0	
Q012303		4.8	259	7.5	29.6	366	99.0	
Q012304		8.7	416	2.9	35.1	398	89.5	
Q012305		4.8	284	2.2	19.9	432	70.4	
Q012306		6.6	480	4.9	26.9	306	110.0	
Q012307		1.5	65	0.6	8.2	136	18.0	
Q012308		6.2	513	5.5	22.5	63	128.0	
Q013285		7.2	260	1.7	43.1	2360	29.7	
Q013286		11.9	210	1.9	26.0	646	52.0	
Q013287		11.0	233	2.9	33.6	500	86.3	
Q013288		15.4	219	2.9	50.2	964	80.6	

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Finalized Date: 5- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013289		0.37	0.01	1.40	4.57	1060	640	1.21	0.19	0.27	1.01	38.1	4.5	216	7.84	64.9
Q013290		0.49	0.02	5.36	3.66	4690	1930	1.47	0.17	0.21	17.25	35.9	2.1	103	6.74	133.0
Q013291		0.21	0.01	1.99	4.38	>10000	3070	2.01	0.16	1.46	6.27	31.9	5.2	88	6.12	134.0
Q013292		0.61	0.01	6.22	2.62	1615	2350	3.70	0.06	0.21	4.70	22.3	10.3	76	3.59	361
Q013293		0.68	0.02	5.94	3.35	1440	5810	3.42	0.08	0.23	3.16	29.2	7.0	82	5.90	235
Q013294		0.41	0.02	2.92	3.88	1125	2990	3.79	0.10	1.19	14.55	29.3	22.8	130	6.65	243
Q013295		0.44	0.03	5.63	6.17	1185	7030	4.14	0.13	1.06	3.54	37.5	6.4	119	11.70	216
Q013296		0.53	0.02	7.55	6.84	1135	4610	3.03	0.19	0.40	2.61	47.8	4.1	133	33.6	75.7
Q013297		0.23	0.05	5.92	7.09	916	6050	3.78	0.15	1.65	3.45	32.1	4.6	114	15.60	88.4
Q013298		0.60	0.03	9.37	6.18	648	2940	2.82	0.18	0.52	1.93	46.0	2.1	123	28.7	55.5
Q013299		0.49	0.02	6.45	5.75	2380	6110	3.80	0.20	0.44	7.15	41.6	6.3	140	34.0	91.0
Q013300		0.43	0.02	6.06	5.99	2240	6500	4.28	0.16	0.71	11.90	40.3	32.0	136	15.10	149.5
Q013301		0.38	0.01	5.76	5.52	2500	3370	2.79	0.19	1.48	18.15	45.8	8.4	157	16.50	125.5
Q013302		0.33	0.01	5.37	4.98	2790	4440	4.33	0.14	0.41	13.85	38.0	23.0	159	12.10	155.5
Q013303		0.41	<0.01	6.88	5.57	1285	1800	1.49	0.19	0.25	6.92	50.9	4.0	162	17.90	84.3
Q013304		0.17	<0.01	2.53	5.16	2780	5140	2.31	0.17	0.23	12.10	43.5	4.8	146	16.30	194.0
Q013305		0.54	<0.01	7.59	5.75	1120	2990	3.11	0.19	1.41	7.47	42.8	7.1	101	14.40	128.5
Q013306		0.29	<0.01	1.80	4.27	163.0	2200	1.49	0.16	5.03	3.26	42.4	6.0	138	9.56	47.0
Q013307		0.43	<0.01	1.88	5.21	196.0	2050	1.74	0.20	2.64	4.54	52.1	7.6	130	14.65	51.7
Q013308		0.27	<0.01	0.31	1.61	139	790	0.47	0.06	25.6	1.20	19.70	2.9	24	2.59	12.9
Q013309		0.83	0.01	0.34	1.48	118	1010	0.50	0.06	25.7	1.36	19.65	3.0	22	1.91	13.9
Q013310		0.20	<0.01	0.23	1.17	130	930	0.40	0.04	28.2	1.15	12.55	2.5	18	1.30	9.8
Q013311		0.30	0.01	0.17	0.06	128	190	0.12	0.01	25.3	1.36	1.09	0.6	6	0.09	1.2
Q013312		0.26	0.01	0.29	0.04	142	100	0.11	0.01	26.7	1.51	1.10	0.5	3	0.06	1.0
Q013313		0.40	<0.01	0.26	3.45	86	680	1.05	0.10	17.90	1.79	39.8	6.4	45	4.95	24.4
Q013314		0.62	<0.01	0.27	4.02	48	800	1.33	0.13	17.05	2.15	46.2	7.6	49	3.95	28.2
Q013315		0.35	<0.01	0.20	3.57	80	1730	1.02	0.13	11.95	0.98	38.8	8.4	35	5.35	33.9
Q013316		0.28	0.01	0.29	1.98	426	400	0.92	0.07	27.9	2.41	24.9	4.6	23	5.02	16.9
Q013317		0.21	0.01	0.41	3.50	432	760	1.34	0.12	21.4	2.53	38.5	7.5	46	6.81	27.0
Q013318		0.10	<0.01	0.15	0.79	504	140	0.75	0.03	32.4	8.46	9.47	2.9	9	1.84	7.6
Q013319		0.48	0.07	0.62	5.51	2100	780	1.88	0.25	0.29	2.79	70.8	1.2	77	12.75	72.9
Q013320		0.38	0.17	0.71	5.80	5080	1070	2.40	0.23	0.36	5.30	79.8	1.8	115	14.55	92.0
Q013321		0.88	0.16	0.93	4.98	7050	1010	2.78	0.20	0.35	7.02	94.1	2.0	117	13.95	133.5
Q013322		0.54	0.22	0.76	5.90	4070	1350	2.75	0.22	1.30	3.39	62.2	3.1	94	28.6	86.7
Q013323		0.53	0.32	0.90	5.98	4140	1180	2.94	0.23	0.84	3.46	71.1	3.5	92	28.8	90.9
Q013324		0.21	0.43	0.80	5.46	3940	910	2.34	0.20	1.04	3.91	67.5	1.7	93	15.55	90.0
Q013325		0.28	0.11	0.66	5.31	4400	1080	2.28	0.22	2.79	4.99	74.4	2.3	91	17.70	87.1
Q013326		0.46	0.16	0.76	5.98	3860	3590	3.19	0.20	3.36	2.75	64.3	4.3	84	24.5	97.9
Q013327		0.33	<0.01	0.23	1.09	197	390	0.55	0.04	30.9	1.75	14.55	2.4	14	1.34	10.0
Q013328		0.46	0.02	0.65	3.51	574	1240	1.25	0.12	16.60	3.51	39.1	6.0	57	6.89	28.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q013289		2.96	12.05	<0.05	2.2	4.84	0.051	1.64	29.7	10.0	0.22	38	21.6	0.02	6.4	130.0
Q013290		5.26	11.30	<0.05	1.7	2.16	0.031	1.27	24.4	9.7	0.18	54	8.99	0.02	5.5	23.0
Q013291		3.06	10.25	<0.05	1.5	2.98	0.028	1.08	22.9	17.0	0.16	138	13.55	0.02	5.2	180.0
Q013292		15.30	4.96	<0.05	1.0	1.95	0.014	0.58	17.0	7.4	0.10	105	3.01	0.01	2.8	222
Q013293		11.30	5.99	<0.05	1.2	1.57	0.017	0.63	21.6	13.1	0.10	72	1.55	0.01	3.4	161.5
Q013294		12.75	6.29	<0.05	1.3	1.22	0.044	0.68	18.2	12.5	0.11	201	14.35	0.01	3.1	558
Q013295		8.27	9.32	<0.05	1.7	2.30	0.039	1.00	27.6	46.3	0.18	60	2.63	0.03	4.5	229
Q013296		2.91	15.05	0.15	2.4	3.18	0.055	1.62	36.0	43.1	0.25	39	3.69	0.02	7.9	137.5
Q013297		2.42	11.10	0.16	1.9	3.17	0.055	1.16	21.7	74.4	0.19	60	4.36	0.03	6.1	218
Q013298		1.33	13.25	0.19	2.0	2.89	0.057	1.35	37.1	43.7	0.22	24	2.80	0.02	7.1	100.5
Q013299		6.27	14.65	0.09	2.4	2.31	0.063	1.73	32.3	26.3	0.27	70	9.83	0.02	7.8	206
Q013300		6.97	11.90	0.16	1.9	5.67	0.040	1.32	31.3	27.0	0.22	263	24.3	0.01	6.3	354
Q013301		5.81	14.00	0.13	2.3	2.98	0.045	1.67	35.0	19.6	0.26	81	17.30	0.03	7.8	184.5
Q013302		10.75	11.45	0.13	1.9	4.77	0.047	1.26	29.5	19.9	0.21	188	35.1	0.01	5.2	396
Q013303		3.98	15.45	0.10	2.5	3.50	0.049	1.92	39.4	18.0	0.28	51	8.78	0.04	9.0	105.0
Q013304		8.50	13.45	0.14	2.3	1.78	0.052	1.74	33.4	16.5	0.23	51	19.25	0.03	7.3	197.5
Q013305		3.79	13.90	0.14	2.1	4.76	0.051	1.81	27.8	22.5	0.31	58	48.2	0.02	8.9	177.0
Q013306		2.68	11.60	0.09	1.9	0.29	0.030	1.28	31.3	17.9	0.54	271	6.31	0.16	8.4	87.6
Q013307		3.32	13.30	0.13	2.1	0.43	0.052	1.47	35.0	22.8	0.51	312	5.53	0.43	10.2	143.5
Q013308		0.90	3.39	0.10	0.6	0.30	0.017	0.49	12.9	12.2	3.89	200	1.07	0.17	3.2	19.6
Q013309		0.89	3.18	0.11	0.6	0.39	0.014	0.44	12.4	9.3	4.18	234	1.05	0.21	3.3	19.9
Q013310		0.78	2.92	0.09	0.6	0.22	0.011	0.35	8.2	5.8	3.10	235	0.86	0.16	2.4	22.4
Q013311		0.08	0.22	0.20	<0.1	0.64	<0.005	0.01	1.7	0.7	9.74	132	0.18	0.01	0.1	15.7
Q013312		0.06	0.20	0.32	<0.1	0.84	<0.005	0.01	1.8	0.7	8.60	137	0.16	0.01	0.1	16.0
Q013313		2.01	8.74	0.18	1.4	0.84	0.024	1.25	23.7	18.2	1.67	382	3.42	0.26	7.3	34.5
Q013314		2.24	10.10	0.17	1.6	0.12	0.033	1.44	26.4	22.8	1.40	323	5.23	0.35	8.4	39.3
Q013315		2.82	9.21	0.16	1.7	0.27	0.032	1.24	20.9	18.3	5.89	827	1.79	0.21	7.7	27.0
Q013316		1.67	4.33	0.11	0.8	0.35	0.013	0.64	14.5	11.9	0.46	258	1.52	0.14	4.3	37.8
Q013317		2.42	8.84	0.13	1.5	0.35	0.028	1.09	22.0	16.9	0.70	349	2.19	0.28	7.3	52.6
Q013318		0.99	2.07	0.08	0.3	0.19	0.008	0.28	5.0	3.0	0.34	456	0.90	0.07	1.1	70.5
Q013319		2.70	17.70	0.21	3.3	0.19	0.029	2.49	40.4	11.2	0.35	38	3.95	0.03	19.4	13.2
Q013320		7.92	18.35	0.16	2.3	0.26	0.078	3.05	39.6	12.5	0.37	73	8.20	0.04	12.9	23.6
Q013321		12.70	19.10	0.16	1.9	0.30	0.158	3.13	43.5	14.2	0.30	93	12.80	0.04	11.0	25.9
Q013322		5.30	16.95	0.12	2.6	0.38	0.073	2.48	35.7	15.2	0.39	64	7.12	0.03	15.8	48.9
Q013323		5.74	18.15	0.15	2.8	0.40	0.064	2.60	38.9	15.6	0.37	69	7.21	0.03	15.7	51.9
Q013324		6.11	16.10	0.16	2.3	0.35	0.057	2.70	34.7	13.2	0.33	59	6.14	0.03	13.1	22.7
Q013325		6.44	17.90	0.15	2.4	0.26	0.106	2.49	37.8	12.1	0.34	77	8.19	0.04	13.7	29.8
Q013326		4.63	16.10	0.11	2.4	0.53	0.051	2.29	35.4	17.3	0.45	89	6.02	0.03	14.2	65.6
Q013327		0.83	2.50	0.10	0.5	0.23	0.006	0.36	8.2	6.6	0.41	249	0.92	0.14	2.5	18.0
Q013328		2.29	8.87	0.11	1.5	1.54	0.035	1.13	23.7	17.1	1.47	384	3.31	0.23	7.1	48.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013289		1390	19.8	82.9	0.057	0.21	22.3	9.9	18	1.5	119.5	0.42	0.09	5.8	0.214	4.01
Q013290		1130	249	58.4	0.004	0.19	26.9	7.6	4	1.0	356	0.36	0.13	5.1	0.174	2.25
Q013291		820	117.0	45.2	<0.002	0.05	30.2	4.3	2	1.0	261	0.33	0.08	4.1	0.162	4.47
Q013292		1810	47.7	25.0	<0.002	0.04	1.29	3.5	1	0.7	610	0.19	<0.05	3.3	0.086	0.40
Q013293		1980	103.5	29.1	<0.002	0.11	1.11	3.2	1	1.1	774	0.23	<0.05	4.1	0.099	0.60
Q013294		7250	138.0	30.5	<0.002	0.12	8.86	9.5	6	0.6	1055	0.21	<0.05	3.4	0.085	1.67
Q013295		2240	304	45.6	<0.002	0.19	2.09	8.0	3	1.2	873	0.31	<0.05	4.9	0.137	1.02
Q013296		2070	667	78.7	0.003	0.15	12.65	10.5	3	2.2	843	0.55	0.10	5.8	0.231	1.63
Q013297		2110	538	50.8	0.003	0.20	6.16	10.2	4	1.6	758	0.43	0.07	3.8	0.176	1.56
Q013298		1940	860	68.0	0.005	0.17	5.13	9.3	3	2.3	814	0.49	0.08	4.9	0.207	1.63
Q013299		1270	442	84.5	0.004	0.15	35.0	11.7	4	1.9	363	0.53	0.10	6.2	0.239	1.65
Q013300		1740	256	63.8	0.003	0.17	23.8	22.9	14	1.6	573	0.44	0.14	5.2	0.187	2.76
Q013301		1380	216	85.0	0.002	0.16	37.5	13.3	10	1.5	342	0.56	0.08	6.3	0.246	4.17
Q013302		1450	273	59.9	0.002	0.11	44.7	26.4	9	1.4	306	0.36	0.12	5.0	0.174	1.84
Q013303		880	112.5	96.5	0.002	0.15	23.6	11.6	4	1.7	208	0.62	0.09	6.9	0.296	4.43
Q013304		1470	59.5	86.9	<0.002	0.37	33.3	11.8	12	1.4	311	0.51	0.10	6.0	0.246	8.53
Q013305		1180	97.0	82.7	0.003	0.07	19.10	11.0	17	1.7	395	0.60	0.23	6.0	0.250	1.60
Q013306		1420	15.4	77.9	0.003	0.15	2.84	10.4	6	1.4	220	0.58	0.16	5.6	0.247	1.33
Q013307		1910	17.5	101.0	0.004	0.10	2.69	12.6	4	1.5	229	0.72	0.11	7.2	0.300	2.54
Q013308		380	40.4	27.9	0.003	0.01	2.86	4.0	1	0.5	178.5	0.22	<0.05	3.4	0.092	0.39
Q013309		390	33.2	24.7	0.004	0.01	4.13	4.4	1	0.4	182.5	0.23	<0.05	3.2	0.094	0.40
Q013310		340	15.6	13.9	<0.002	0.01	2.86	4.2	1	0.4	174.5	0.17	<0.05	1.9	0.077	0.26
Q013311		80	32.6	0.6	<0.002	<0.01	1.75	1.2	1	<0.2	98.8	<0.05	<0.05	<0.2	<0.005	0.07
Q013312		80	104.0	0.4	0.002	<0.01	2.67	1.5	2	<0.2	96.8	<0.05	<0.05	<0.2	<0.005	0.13
Q013313		730	12.7	54.7	0.002	0.03	2.49	6.3	1	1.1	472	0.51	<0.05	4.7	0.212	0.68
Q013314		770	12.8	64.2	<0.002	0.03	3.29	7.1	1	1.3	697	0.61	0.05	5.6	0.246	0.75
Q013315		680	27.8	52.5	0.003	0.06	1.67	7.3	1	1.1	121.5	0.55	0.08	4.9	0.239	0.78
Q013316		540	28.7	36.5	0.003	<0.01	1.52	4.4	1	0.6	156.0	0.29	<0.05	4.4	0.118	0.52
Q013317		860	39.0	53.3	0.002	0.01	1.94	6.7	1	1.1	153.0	0.50	<0.05	4.9	0.207	0.97
Q013318		430	10.2	10.0	0.002	0.01	0.87	2.5	1	0.3	75.3	0.08	<0.05	0.9	0.041	0.48
Q013319		560	10.2	113.0	0.002	0.15	5.83	8.0	9	2.1	88.9	1.30	0.13	7.5	0.380	1.98
Q013320		1710	13.2	138.5	0.002	0.88	5.99	8.6	4	1.8	416	0.86	0.13	8.1	0.306	8.93
Q013321		2730	13.1	146.0	<0.002	1.92	7.69	8.3	3	1.5	774	0.71	0.17	9.2	0.253	19.00
Q013322		930	29.7	114.0	<0.002	0.27	6.31	9.7	2	2.0	115.0	1.06	0.12	8.5	0.323	2.58
Q013323		1070	46.5	118.5	<0.002	0.35	6.62	9.4	2	2.0	197.5	1.06	0.08	9.9	0.325	3.34
Q013324		1570	14.5	115.0	<0.002	0.76	6.23	8.3	3	1.6	275	0.90	0.12	9.8	0.294	9.74
Q013325		1540	18.9	111.5	0.002	0.51	6.90	9.3	3	1.8	263	0.92	0.14	9.5	0.300	4.51
Q013326		1170	40.5	105.0	<0.002	0.15	5.77	9.3	2	1.9	150.0	0.94	0.07	8.1	0.302	1.79
Q013327		250	14.0	19.0	0.003	0.01	0.99	3.1	1	0.3	139.5	0.17	<0.05	2.4	0.067	0.24
Q013328		910	78.7	56.2	0.003	0.07	3.62	7.3	3	1.1	203	0.49	0.06	4.9	0.200	1.31

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 5- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
Q013289		9.8	225	2.9	21.3	390	84.7	
Q013290		6.2	253	4.2	20.3	351	68.1	
Q013291		9.5	194	3.5	88.0	740	55.3	3.26
Q013292		7.3	187	2.8	25.3	1640	37.6	
Q013293		7.1	159	3.5	25.7	920	46.4	
Q013294		66.1	286	1.7	87.2	1990	59.2	
Q013295		8.0	210	3.7	51.3	1070	58.6	
Q013296		6.9	288	8.4	64.6	593	82.5	
Q013297		5.8	233	4.2	56.9	676	65.5	
Q013298		6.2	223	5.9	52.2	329	69.3	
Q013299		6.5	442	11.9	45.3	1180	89.8	
Q013300		9.1	509	5.3	92.6	2370	78.6	
Q013301		7.7	321	6.0	53.5	1020	84.8	
Q013302		9.1	300	6.5	68.5	2990	76.0	
Q013303		6.7	291	5.7	34.7	488	92.3	
Q013304		7.8	286	4.5	62.5	1260	88.6	
Q013305		7.5	941	3.6	61.8	1240	77.0	
Q013306		4.0	249	1.3	33.8	347	72.7	
Q013307		4.0	249	1.5	41.7	734	78.7	
Q013308		4.1	58	0.6	13.9	117	22.3	
Q013309		4.0	61	0.7	15.7	120	23.3	
Q013310		2.8	55	0.5	13.4	77	18.7	
Q013311		1.8	14	0.1	7.1	44	1.4	
Q013312		2.1	14	0.1	8.3	49	1.1	
Q013313		2.9	189	0.8	15.6	185	52.0	
Q013314		3.3	254	0.9	15.8	204	59.5	
Q013315		2.3	105	0.9	12.7	213	62.1	
Q013316		2.7	65	1.1	16.2	228	31.0	
Q013317		2.2	113	1.3	17.6	254	54.0	
Q013318		0.9	30	1.1	15.5	1160	10.7	
Q013319		3.7	348	11.3	26.5	53	121.5	
Q013320		3.8	434	8.6	21.8	158	95.7	
Q013321		4.2	455	8.8	20.1	212	73.6	
Q013322		3.5	391	10.3	21.1	212	100.5	
Q013323		3.7	401	11.2	26.0	272	103.5	
Q013324		3.8	377	8.6	24.9	114	84.5	
Q013325		3.8	372	10.1	26.0	160	89.2	
Q013326		3.8	351	9.5	29.9	318	96.4	
Q013327		2.3	41	0.6	10.4	83	18.2	
Q013328		3.5	148	1.7	19.8	330	52.6	

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
Method / Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013329	0.49	0.01	0.62	5.16	6780	970	1.87	0.20	0.58	3.80	60.0	3.5	86	19.15	149.0
Q013330	0.46	0.01	0.52	5.56	1265	1000	1.09	0.20	0.16	0.03	66.9	0.6	76	13.15	13.5
Q013331	0.24	0.01	0.52	5.68	8190	940	2.44	0.24	0.58	5.33	67.1	9.0	106	31.5	215
Q013332	0.23	0.03	0.78	4.16	8950	680	1.45	0.31	0.34	3.12	64.9	2.4	93	11.00	131.0
Q013333	0.22	0.08	0.81	4.89	2350	980	0.89	0.27	0.19	0.08	77.1	0.5	80	8.88	19.8
Q013334	0.35	0.01	0.60	5.07	4420	930	1.03	0.26	1.32	0.65	76.2	0.9	93	10.85	29.3
Q013335	0.28	<0.01	1.10	4.97	5650	1050	1.17	0.27	0.44	0.85	79.0	0.8	101	13.90	52.5
Q013336	0.27	<0.01	0.96	5.10	5670	1090	1.07	0.26	0.40	0.55	77.9	0.8	95	12.55	40.8
Q013337	0.25	<0.01	2.35	3.53	>10000	780	1.59	0.22	0.41	10.15	52.5	0.9	101	6.41	131.5
Q013338	0.43	<0.01	0.72	4.78	6990	920	1.35	0.22	0.48	4.01	64.6	0.9	100	6.95	62.0
Q013339	0.39	<0.01	0.17	0.39	404	110	0.44	<0.01	34.0	12.20	5.19	2.7	5	0.23	29.5
Q013340	0.30	<0.01	0.85	2.87	2660	410	2.22	0.06	20.6	16.80	27.8	7.8	43	4.29	126.0
Q013341	0.38	0.01	0.09	0.39	205	90	0.46	0.01	35.4	11.10	5.69	4.1	7	1.13	5.9
Q013342	0.29	0.01	0.18	0.79	485	180	0.71	0.01	35.4	14.85	10.60	4.2	13	2.23	8.9
Q013343	0.25	<0.01	0.05	0.07	95	50	0.29	<0.01	36.7	7.79	3.07	1.1	4	0.20	2.3
Q013344	0.08	<0.01	0.11	0.50	611	90	0.62	0.01	33.0	41.8	6.83	6.4	7	0.74	12.7
Q013345	0.11	<0.01	0.07	0.10	194	250	0.32	<0.01	26.8	9.89	3.07	6.5	1	0.17	3.1
Q013346	0.21	<0.01	0.10	0.14	210	80	0.36	<0.01	35.7	10.80	3.40	2.4	4	0.38	4.8
Q013347	0.24	0.02	0.20	0.13	138	40	0.46	<0.01	33.0	12.45	2.85	4.5	2	0.38	3.0
Q013348	0.22	0.01	1.65	5.73	2730	640	2.93	0.26	0.43	12.80	52.8	8.4	90	15.35	129.5
Q013349	0.37	0.01	4.14	3.75	1650	570	1.85	0.15	0.49	6.26	42.1	3.4	78	8.74	123.0
Q013350	0.18	0.02	2.73	5.47	3330	980	2.21	0.21	0.33	10.45	65.9	2.0	100	34.5	160.0
Q012351	0.36	0.02	1.82	3.31	2430	550	1.31	0.11	0.23	7.38	37.0	1.1	77	6.05	103.5
Q012352	0.23	0.03	3.16	5.87	3580	920	2.20	0.20	0.31	12.55	68.5	2.1	107	27.9	169.0
Q012353	0.48	0.01	1.98	3.93	2910	600	2.46	0.12	0.24	10.90	37.2	4.7	73	9.29	138.0
Q012354	0.29	0.02	4.27	4.37	1630	770	1.92	0.18	1.81	5.28	50.3	1.8	82	12.65	100.5
Q012355	0.24	0.01	1.99	3.21	114.0	610	0.91	0.14	0.91	0.96	32.7	0.6	58	10.65	35.2
Q012356	0.20	0.01	2.04	3.43	86.5	610	1.05	0.17	0.17	0.20	33.6	0.5	61	11.35	37.3
Q012357	0.16	<0.01	1.99	0.24	333	50	0.70	<0.01	34.0	12.30	4.96	1.3	5	0.59	16.9
Q012358	0.07	<0.01	0.89	0.28	471	90	0.84	<0.01	33.3	36.1	5.34	3.3	4	0.64	9.1
Q012359	0.30	<0.01	0.61	0.53	417	130	0.68	0.01	29.3	13.80	8.42	4.1	5	1.03	5.5
Q012360	0.40	<0.01	0.50	0.69	451	100	0.64	0.02	25.9	15.35	10.20	6.0	5	0.98	13.6
Q012361	0.36	<0.01	0.48	0.55	192	90	0.75	0.01	33.2	11.30	9.52	1.3	5	1.31	5.7
Q012362	0.06	<0.01	0.43	0.28	663	140	0.55	0.07	28.7	24.7	4.38	18.8	3	0.39	5.6
Q012363	0.17	<0.01	0.56	0.57	356	100	0.65	0.01	27.2	14.25	7.38	3.5	5	0.73	7.1
Q012364	0.19	0.01	0.62	0.09	473	60	0.41	<0.01	33.0	10.75	3.73	15.0	3	0.11	4.6
Q012365	0.15	0.01	1.21	0.27	561	90	0.61	<0.01	30.7	23.1	5.99	3.2	4	0.49	7.5
Q012366	0.14	<0.01	1.06	1.60	656	350	1.23	0.05	30.0	13.45	20.6	3.9	16	3.22	12.5
Q012367	0.33	0.01	1.31	5.91	226	1080	1.49	0.27	0.28	0.14	64.5	0.9	83	20.4	17.9
Q012368	0.36	0.03	1.98	5.97	182.0	1030	1.59	0.25	0.39	0.16	63.6	0.9	84	18.35	20.5

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VANCOUVER BC V6B 1L8

Project: NADALEEN

Finalized Date: 5-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013329		12.95	16.75	0.14	2.4	5.54	0.060	2.26	34.4	12.4	0.35	57	31.2	0.03	11.8	44.5
Q013330		1.22	19.20	0.14	3.3	0.43	0.044	1.96	38.5	13.9	0.34	16	5.34	0.03	20.2	13.8
Q013331		15.20	17.65	0.15	2.4	3.47	0.073	2.16	38.5	17.1	0.35	100	40.8	0.02	11.0	105.5
Q013332		7.97	17.00	0.16	2.3	2.42	0.087	1.74	34.7	9.5	0.26	37	23.2	0.03	16.6	29.3
Q013333		2.07	15.50	0.17	3.2	1.95	0.069	2.18	41.2	7.7	0.34	17	11.40	0.03	21.1	12.3
Q013334		3.22	18.60	0.17	2.8	1.31	0.069	2.32	40.8	9.5	0.37	30	7.28	0.05	17.6	14.5
Q013335		3.60	20.0	0.18	2.6	2.15	0.088	1.92	40.3	11.4	0.31	27	14.35	0.03	16.1	18.6
Q013336		3.46	19.95	0.18	2.7	1.80	0.086	2.01	40.4	10.7	0.32	21	13.40	0.03	16.8	16.9
Q013337		10.40	12.25	0.18	1.7	3.38	0.103	1.57	25.8	9.3	0.20	42	49.8	0.03	8.3	30.1
Q013338		6.05	16.50	0.14	2.4	1.53	0.072	1.93	34.3	9.8	0.29	36	15.30	0.03	15.8	20.8
Q013339		0.99	0.37	0.05	<0.1	0.42	<0.005	0.04	7.8	0.7	0.16	139	1.19	<0.01	0.2	18.5
Q013340		4.08	5.29	0.11	0.7	2.10	0.027	0.59	18.8	6.6	0.22	327	15.70	0.04	3.2	107.5
Q013341		1.17	0.97	0.06	0.1	0.51	<0.005	0.12	4.9	2.2	0.23	388	1.76	0.01	0.6	35.3
Q013342		1.32	2.00	0.07	0.3	0.25	0.007	0.26	8.3	3.2	0.21	467	2.54	0.01	1.4	52.6
Q013343		0.28	0.24	0.08	<0.1	0.09	<0.005	0.02	4.3	0.6	0.13	518	0.42	<0.01	0.1	8.8
Q013344		2.96	1.26	0.06	0.2	0.38	<0.005	0.19	4.1	1.6	0.17	759	2.92	0.01	0.8	63.5
Q013345		1.79	0.30	0.05	0.1	0.66	<0.005	0.03	2.8	0.9	6.82	1130	2.04	0.01	0.2	24.3
Q013346		0.68	0.42	0.06	0.1	0.21	<0.005	0.05	3.9	0.9	0.19	523	1.09	<0.01	0.3	18.3
Q013347		0.56	0.38	0.07	0.1	0.82	<0.005	0.04	2.7	0.9	2.86	836	1.16	<0.01	0.2	19.2
Q013348		7.01	18.15	0.13	2.5	2.02	0.100	1.98	31.7	18.9	0.28	197	39.6	0.03	16.2	139.0
Q013349		4.70	10.65	0.14	1.7	2.54	0.058	1.50	29.3	10.7	0.21	73	49.4	0.02	9.7	60.4
Q013350		6.20	16.30	0.17	2.7	2.54	0.075	2.14	36.5	15.3	0.26	67	23.9	0.02	17.1	54.6
Q012351		6.30	10.25	0.11	1.7	1.81	0.079	1.40	24.0	9.4	0.15	51	22.7	0.01	11.3	36.8
Q012352		6.31	19.15	0.15	2.8	4.81	0.101	2.43	37.7	15.3	0.29	70	25.2	0.03	18.0	49.2
Q012353		6.85	11.30	0.12	1.8	2.22	0.076	1.42	25.3	13.1	0.18	300	55.8	0.02	11.9	73.7
Q012354		3.65	12.50	0.16	2.1	4.09	0.054	1.79	29.2	11.8	0.29	84	21.5	0.03	12.3	39.5
Q012355		0.79	9.71	0.12	1.5	7.44	0.014	1.46	22.8	8.8	0.25	29	34.1	0.03	7.5	24.2
Q012356		0.98	10.25	0.16	1.6	3.89	0.011	1.61	23.2	8.0	0.26	20	58.9	0.03	7.4	26.9
Q012357		0.44	0.74	0.09	0.1	2.99	<0.005	0.08	3.6	1.2	0.38	921	2.39	<0.01	0.5	16.9
Q012358		0.97	0.81	0.09	0.1	0.88	<0.005	0.09	3.6	1.4	1.60	1110	3.40	<0.01	0.4	32.2
Q012359		0.75	1.30	0.09	0.2	1.39	<0.005	0.17	4.8	2.7	4.01	931	3.38	0.01	0.9	23.7
Q012360		1.05	1.82	0.09	0.3	1.07	<0.005	0.27	5.5	3.2	6.05	1200	3.29	0.01	1.2	34.0
Q012361		0.44	1.50	0.09	0.2	0.40	<0.005	0.22	5.7	1.5	0.25	590	2.75	<0.01	1.0	19.8
Q012362		2.26	0.76	0.07	0.1	1.00	<0.005	0.09	2.5	1.6	3.64	1460	5.09	0.01	0.4	67.6
Q012363		0.89	1.53	0.10	0.3	1.44	<0.005	0.23	3.9	2.5	4.93	1160	2.85	0.01	1.0	18.8
Q012364		2.74	0.28	0.07	0.1	1.47	<0.005	0.02	4.4	0.8	0.43	1910	5.73	0.01	0.2	47.3
Q012365		0.89	0.77	0.06	0.1	1.22	<0.005	0.10	4.0	1.1	2.87	980	2.94	0.01	0.5	30.4
Q012366		1.36	3.93	0.08	0.7	1.70	0.011	0.57	11.6	5.6	0.90	681	6.20	0.02	2.8	49.7
Q012367		1.23	17.30	0.22	3.0	1.00	0.031	2.81	37.3	11.0	0.42	30	7.65	0.03	20.2	17.7
Q012368		1.09	17.15	0.14	3.1	1.24	0.040	2.75	36.8	11.3	0.42	31	6.02	0.03	18.7	17.3

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Finalized Date: 5-SEP-2013
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Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q013329		2090	52.5	101.0	0.009	0.51	16.85	8.4	6	1.8	145.0	0.80	0.11	9.4	0.276	10.45
Q013330		660	15.9	94.5	0.007	0.21	4.04	8.0	4	2.1	55.2	1.33	0.09	7.3	0.395	2.02
Q013331		3020	51.5	99.7	0.003	0.44	19.95	9.5	8	2.0	183.0	0.73	0.14	10.3	0.262	5.88
Q013332		3910	35.8	75.6	0.006	0.42	15.75	8.2	15	1.6	166.0	1.08	0.12	16.7	0.304	2.86
Q013333		1490	35.7	94.3	0.002	0.31	13.95	9.9	6	1.8	161.0	1.38	0.14	12.6	0.397	2.29
Q013334		2450	22.8	101.0	0.003	0.55	8.24	9.4	4	1.9	239	1.13	0.10	13.7	0.353	2.78
Q013335		2990	39.3	87.5	0.005	0.60	10.10	9.4	8	1.8	371	1.04	0.14	15.1	0.328	3.13
Q013336		3030	33.2	92.0	0.006	0.68	8.55	9.3	8	1.9	355	1.09	0.16	14.7	0.335	3.14
Q013337		3900	48.7	61.0	<0.002	0.63	21.6	9.1	8	1.3	245	0.57	0.14	10.5	0.212	5.03
Q013338		2960	39.0	80.7	<0.002	0.23	9.43	9.0	6	1.6	190.0	1.06	0.10	11.9	0.316	2.23
Q013339		5030	4.8	1.8	<0.002	0.01	0.56	0.5	1	<0.2	181.5	<0.05	<0.05	0.3	0.006	0.09
Q013340		4240	36.6	30.4	<0.002	0.10	8.27	6.1	6	0.5	147.5	0.23	0.08	3.5	0.084	1.19
Q013341		280	8.5	6.5	<0.002	<0.01	0.98	1.9	1	<0.2	148.0	<0.05	<0.05	0.6	0.016	0.19
Q013342		1810	17.6	12.4	<0.002	0.01	2.14	1.9	1	0.2	226	0.08	<0.05	1.3	0.033	0.25
Q013343		460	7.6	1.1	<0.002	<0.01	0.40	1.6	1	<0.2	159.5	<0.05	<0.05	<0.2	<0.005	0.05
Q013344		350	16.9	8.4	<0.002	<0.01	2.15	2.1	1	<0.2	163.0	0.05	<0.05	0.8	0.021	0.14
Q013345		130	2.7	1.3	<0.002	<0.01	0.41	0.3	<1	<0.2	85.2	<0.05	<0.05	0.2	0.005	0.11
Q013346		370	8.4	2.3	<0.002	<0.01	0.78	0.8	1	<0.2	241	<0.05	<0.05	0.2	0.006	0.05
Q013347		110	6.0	2.0	<0.002	<0.01	0.45	0.5	1	<0.2	64.8	<0.05	<0.05	0.2	0.005	0.20
Q013348		1550	136.5	81.4	<0.002	0.16	31.2	18.5	9	1.5	94.1	1.09	0.15	10.5	0.329	2.85
Q013349		1150	169.0	58.3	<0.002	0.13	20.7	10.4	12	1.2	94.4	0.64	0.13	6.5	0.220	3.96
Q013350		1620	212	90.8	<0.002	0.13	28.5	13.0	9	1.7	217	1.11	0.18	12.4	0.354	4.00
Q012351		1330	116.0	50.5	<0.002	0.22	39.0	9.0	8	0.9	194.0	0.72	0.09	6.7	0.209	6.13
Q012352		1550	227	102.5	<0.002	0.17	34.1	15.4	8	1.8	211	1.18	0.25	12.2	0.365	4.41
Q012353		1760	117.5	56.6	<0.002	0.09	31.8	13.2	8	1.1	82.4	0.76	0.10	8.0	0.227	2.30
Q012354		1450	108.5	76.9	<0.002	0.22	19.05	11.6	9	1.3	229	0.80	0.13	8.2	0.262	4.95
Q012355		280	131.5	66.9	0.022	0.21	26.2	6.2	8	1.1	61.8	0.51	0.10	5.0	0.203	8.99
Q012356		180	100.5	76.9	0.087	0.33	25.4	7.0	13	1.1	59.3	0.51	0.14	4.9	0.208	10.40
Q012357		110	30.6	4.2	<0.002	0.02	1.28	1.4	1	<0.2	86.8	<0.05	<0.05	0.4	0.013	0.52
Q012358		230	76.0	4.5	<0.002	<0.01	1.35	1.6	3	<0.2	74.6	<0.05	<0.05	0.5	0.011	0.29
Q012359		260	60.4	7.6	<0.002	<0.01	1.07	1.6	2	0.2	162.5	0.06	<0.05	0.9	0.027	0.26
Q012360		230	43.2	12.2	<0.002	<0.01	1.32	2.2	2	0.3	150.0	0.08	<0.05	1.2	0.038	0.18
Q012361		310	49.6	10.1	<0.002	<0.01	1.02	1.8	1	0.2	276	0.06	<0.05	0.9	0.029	0.12
Q012362		250	86.6	4.1	<0.002	<0.01	1.14	1.5	1	<0.2	106.0	<0.05	<0.05	0.4	0.012	0.18
Q012363		160	52.2	10.0	<0.002	<0.01	1.37	1.4	2	0.3	156.5	0.06	<0.05	0.9	0.031	0.17
Q012364		410	15.8	1.0	<0.002	<0.01	0.82	0.5	2	<0.2	160.5	<0.05	<0.05	0.2	<0.005	0.10
Q012365		210	60.1	4.7	<0.002	<0.01	1.66	2.0	2	<0.2	76.7	<0.05	<0.05	0.5	0.014	0.15
Q012366		410	84.6	26.5	<0.002	<0.01	3.34	3.7	3	0.5	229	0.19	<0.05	2.6	0.087	0.44
Q012367		340	37.2	123.0	0.005	0.23	13.35	9.7	2	2.0	80.0	1.28	0.13	9.7	0.402	2.74
Q012368		300	37.0	127.5	0.009	0.16	12.70	9.0	3	2.0	73.9	1.19	0.11	8.6	0.401	2.35

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
Q013329		6.5	499	5.9	16.0	1020	86.0	
Q013330		3.5	330	4.6	13.8	10	125.5	
Q013331		8.7	650	6.6	26.7	1500	86.9	
Q013332		10.4	575	3.6	17.0	251	104.0	
Q013333		6.5	397	5.7	20.7	12	134.0	
Q013334		6.7	409	3.6	17.9	43	106.5	
Q013335		8.8	588	3.4	20.8	73	99.0	
Q013336		7.5	487	3.4	19.2	62	102.0	
Q013337		11.2	1160	3.3	26.5	653	59.4	1.050
Q013338		7.1	659	3.2	19.9	306	88.4	
Q013339		27.2	49	0.4	33.4	289	2.6	
Q013340		24.2	398	1.6	53.2	981	28.0	
Q013341		5.5	36	0.4	17.5	588	6.0	
Q013342		15.5	73	2.0	25.3	584	10.4	
Q013343		8.4	23	0.4	15.7	145	1.5	
Q013344		10.0	61	1.3	30.5	1260	8.1	
Q013345		1.6	11	0.3	4.6	613	2.2	
Q013346		4.5	36	0.6	15.4	325	2.4	
Q013347		2.4	14	0.4	5.4	290	3.2	
Q013348		3.9	696	14.2	34.4	1410	101.0	
Q013349		4.9	747	7.5	24.2	712	64.3	
Q013350		5.4	671	15.2	23.7	748	105.5	
Q012351		3.0	546	12.4	16.0	565	75.2	
Q012352		5.4	649	14.6	22.9	792	109.0	
Q012353		4.2	636	9.4	24.2	1060	74.6	
Q012354		5.6	752	8.3	26.7	420	77.4	
Q012355		6.1	829	4.5	12.4	46	57.6	
Q012356		6.2	1130	4.5	11.8	17	59.0	
Q012357		6.4	37	1.2	9.2	131	6.3	
Q012358		4.5	52	1.0	15.8	610	8.4	
Q012359		4.4	36	2.1	8.5	464	10.6	
Q012360		3.9	40	2.4	11.7	611	12.9	
Q012361		4.3	22	2.5	10.3	181	10.8	
Q012362		4.3	33	1.0	9.9	1850	5.5	
Q012363		3.7	24	2.1	7.5	342	10.0	
Q012364		6.9	48	0.7	13.0	1060	2.6	
Q012365		11.6	50	1.1	15.4	394	7.7	
Q012366		7.0	65	4.7	15.3	546	28.3	
Q012367		3.8	347	6.3	16.0	16	115.5	
Q012368		3.6	352	6.3	14.4	16	116.5	

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description / Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012369	0.54	0.01	0.50	6.18	327	970	1.53	0.27	0.14	0.02	63.1	1.0	88	20.7	17.2
Q012370	0.33	<0.01	0.68	0.17	131	100	0.59	0.01	34.8	3.40	3.45	1.0	9	0.69	4.5
Q012371	0.24	<0.01	0.11	0.18	146	50	0.42	0.01	36.1	8.63	3.21	1.2	4	0.66	4.0
Q012372	0.33	0.01	0.20	0.21	337	70	0.49	0.01	36.6	5.75	3.87	2.3	5	0.93	4.1
Q012373	0.18	<0.01	0.10	0.16	146	90	0.50	0.01	35.9	10.15	3.30	1.3	4	0.57	3.6
Q012374	0.68	<0.01	0.12	0.18	82	90	0.42	0.01	35.6	3.52	3.53	1.0	6	0.58	3.4
Q012375	0.28	<0.01	0.08	0.13	166	40	0.49	0.01	37.0	18.35	2.81	1.3	4	0.47	3.6
Q012376	0.14	<0.01	0.10	0.11	159	30	0.51	0.01	36.1	18.55	2.97	1.2	4	0.38	3.8
Q012377	0.08	0.01	2.07	4.09	3950	710	4.11	0.19	0.59	8.17	45.9	15.3	68	12.10	213
Q012378	0.19	0.01	1.80	5.98	1505	1030	2.94	0.23	1.03	4.36	65.1	6.8	90	16.25	93.5
Q012379	0.13	0.01	2.20	5.73	2270	1010	3.16	0.25	2.08	4.81	65.1	7.0	90	16.70	100.0
Q012380	0.07	<0.01	1.01	4.77	1465	730	3.11	0.19	0.29	4.48	49.0	7.4	73	12.85	122.5
Q012381	0.63	0.01	2.65	5.94	2660	1020	3.49	0.34	0.35	4.24	65.2	4.9	96	17.50	106.5
Q012382	0.37	0.01	1.66	4.75	3180	710	4.21	0.16	0.28	7.20	50.2	16.1	71	11.90	211
Q012383	0.21	0.05	4.43	6.25	985	930	3.16	0.25	0.24	8.07	69.7	7.2	88	19.65	95.0
Q012384	0.34	0.03	2.70	5.86	1455	950	3.75	0.20	1.40	2.32	62.4	6.8	88	20.3	153.5
Q012385	0.32	0.09	2.95	6.52	1595	980	3.08	0.28	0.22	3.48	75.5	4.7	94	86.4	71.5
Q012386	0.18	0.01	2.34	6.70	612	930	2.29	0.28	0.18	1.47	72.3	6.8	94	23.9	98.1
Q012387	0.17	0.01	4.93	4.67	986	640	4.49	0.12	0.54	3.68	68.2	13.2	83	9.08	303
Q012388	0.27	0.01	5.57	6.21	536	750	3.15	0.29	0.23	0.80	66.9	9.0	84	15.75	92.3
Q012389	0.17	0.01	0.98	5.26	1070	950	1.81	0.19	0.41	1.34	61.2	13.6	79	17.15	92.7
Q012390	0.21	0.01	1.11	5.97	672	1550	2.18	0.23	0.31	0.36	65.1	16.0	91	24.7	82.8
Q012391	0.23	0.01	1.92	6.47	2520	1590	2.31	0.27	0.26	0.41	71.0	10.7	97	20.9	98.8
Q012392	0.29	0.01	1.36	6.06	713	1310	2.30	0.23	0.29	0.46	64.8	10.9	91	17.45	86.4
Q012393	0.48	0.01	1.23	6.05	731	1300	2.33	0.24	0.29	0.42	65.4	11.0	93	18.15	81.8
Q012394	0.21	<0.01	0.22	0.77	243	230	0.63	0.03	33.2	2.13	8.08	4.4	11	1.97	7.5
Q012395	0.26	<0.01	0.10	0.31	67	80	0.40	0.01	36.0	0.40	2.97	2.1	6	0.98	4.3
Q012396	0.28	<0.01	0.47	2.12	417	570	1.01	0.08	22.2	2.98	25.4	5.4	38	3.20	17.6
Q012397	0.37	<0.01	0.47	2.12	436	560	1.00	0.08	22.4	3.34	26.0	5.4	37	3.28	17.1
Q012398	0.34	0.01	0.59	2.05	683	880	1.01	0.08	27.9	6.90	21.3	11.8	25	5.01	17.2
Q012399	0.15	0.01	0.51	2.08	687	650	1.07	0.08	27.0	5.08	21.1	11.7	26	5.34	17.3
Q012400	0.37	<0.01	0.25	0.59	235	470	0.44	0.02	33.7	6.02	7.96	5.7	7	1.01	5.3
Q012401	0.09	<0.01	0.16	0.36	183	200	0.30	0.03	35.1	5.11	6.23	6.6	4	0.67	4.6
Q012402	0.14	<0.01	0.33	1.10	370	240	0.65	0.04	32.2	7.63	11.40	9.7	12	1.75	7.8
Q012403	0.36	<0.01	0.22	0.38	174	230	0.34	0.02	34.6	6.64	5.89	7.1	4	0.59	4.6
Q012404	0.52	0.01	0.59	4.00	>10000	520	2.25	0.14	18.35	9.23	35.5	38.4	49	13.90	53.4
Q012405	0.83	0.01	0.55	5.44	>10000	760	3.36	0.18	12.65	11.80	50.9	74.6	72	27.3	94.0
Q012406	0.28	<0.01	0.78	6.30	>10000	760	3.73	0.19	9.51	9.71	53.7	96.7	77	26.0	122.0
Q012407	0.57	<0.01	0.17	0.26	6650	150	0.54	0.01	30.9	17.20	3.74	24.6	5	0.78	4.2
Q012408	0.35	0.01	0.81	3.24	>10000	530	1.87	0.10	8.53	42.8	27.8	25.4	44	11.20	25.7

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VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012369		1.41	17.75	0.16	3.1	0.80	0.039	2.96	36.8	10.3	0.44	24	5.23	0.03	16.5	18.1
Q012370		0.54	0.71	0.05	0.1	0.69	0.006	0.06	4.3	1.2	0.14	371	5.38	0.01	0.3	11.6
Q012371		0.36	0.56	<0.05	0.1	0.22	0.007	0.07	3.5	1.1	0.11	557	0.82	<0.01	0.3	14.2
Q012372		0.55	0.62	<0.05	0.1	0.63	0.006	0.07	4.1	1.2	0.12	599	1.22	0.01	0.3	22.4
Q012373		0.36	0.49	<0.05	0.1	0.18	<0.005	0.06	3.7	1.2	0.12	488	0.74	0.01	0.2	14.2
Q012374		0.26	0.51	<0.05	0.1	0.22	<0.005	0.06	4.1	1.3	0.11	335	0.65	0.01	0.3	9.0
Q012375		0.38	0.40	<0.05	0.1	0.10	<0.005	0.05	3.3	1.1	0.11	441	0.68	<0.01	0.2	15.6
Q012376		0.41	0.36	0.05	0.1	0.11	<0.005	0.04	3.7	0.9	0.09	432	0.75	<0.01	0.2	14.3
Q012377		8.65	11.15	0.17	1.7	0.94	0.103	1.80	24.3	19.1	0.27	259	12.40	0.02	10.5	101.0
Q012378		3.64	16.60	0.18	2.7	1.93	0.057	2.73	35.5	13.0	0.44	106	5.77	0.03	16.2	44.1
Q012379		4.59	16.60	0.15	2.7	2.09	0.056	2.63	35.1	14.5	0.46	144	6.67	0.03	16.5	45.9
Q012380		3.25	13.55	0.12	2.1	1.18	0.056	2.15	26.6	21.7	0.34	108	4.23	0.02	12.2	47.3
Q012381		4.53	16.70	0.15	2.6	2.69	0.054	2.77	35.9	15.0	0.42	109	6.86	0.03	17.1	37.3
Q012382		7.50	12.80	0.15	2.0	1.10	0.085	2.09	26.9	16.4	0.30	230	12.85	0.02	11.7	109.5
Q012383		2.77	17.75	0.18	3.0	4.39	0.127	2.78	38.0	13.8	0.41	76	6.87	0.03	20.0	40.7
Q012384		2.78	16.35	0.18	2.5	1.40	0.045	2.64	32.6	14.9	0.38	98	5.93	0.03	18.4	41.3
Q012385		3.09	18.90	0.17	3.2	3.63	0.072	2.67	40.2	23.9	0.37	63	7.40	0.03	19.7	25.3
Q012386		2.42	19.00	0.16	3.0	0.98	0.051	2.93	40.5	14.2	0.41	79	7.75	0.03	18.1	42.6
Q012387		3.28	11.70	0.16	2.5	0.75	0.026	1.90	35.2	12.2	0.27	222	6.85	0.02	17.9	72.8
Q012388		3.63	17.45	0.19	3.1	1.02	0.049	2.78	37.3	11.6	0.40	46	7.98	0.03	20.9	50.2
Q012389		5.01	14.50	0.18	2.6	1.08	0.070	2.33	32.6	10.2	0.36	351	15.45	0.03	18.7	93.6
Q012390		3.11	15.85	0.14	3.0	0.56	0.055	2.30	36.6	19.5	0.36	287	8.19	0.02	19.9	101.0
Q012391		3.30	18.55	0.17	3.2	0.63	0.059	2.80	39.1	15.3	0.42	219	5.48	0.04	16.7	57.5
Q012392		3.54	16.70	0.17	2.8	0.69	0.050	2.69	36.1	10.6	0.41	186	8.03	0.03	16.6	68.7
Q012393		2.85	17.15	0.16	3.0	0.64	0.054	2.72	36.5	11.2	0.41	189	7.14	0.03	18.2	67.6
Q012394		0.64	1.98	<0.05	0.3	1.58	0.010	0.27	4.5	3.8	0.34	289	1.99	0.04	1.5	19.9
Q012395		0.23	0.84	<0.05	0.1	0.75	<0.005	0.12	1.7	2.1	0.17	213	0.94	0.01	0.5	8.8
Q012396		1.55	5.28	0.07	1.0	3.10	0.017	0.69	13.9	9.7	1.57	276	2.17	0.23	4.3	35.0
Q012397		1.55	5.44	0.07	1.0	3.34	0.022	0.70	14.3	9.6	1.56	300	2.26	0.23	4.3	34.7
Q012398		1.86	5.48	0.09	0.8	1.06	0.019	0.78	11.2	8.9	0.57	329	2.20	0.07	3.3	54.8
Q012399		1.86	5.46	0.07	0.8	1.12	0.016	0.79	11.0	9.4	0.46	288	1.94	0.07	3.2	54.9
Q012400		0.68	1.57	0.06	0.2	0.81	0.008	0.25	4.1	2.2	0.37	417	0.83	0.02	0.9	18.0
Q012401		0.63	1.07	<0.05	0.1	0.49	0.008	0.14	3.3	1.8	0.68	379	0.82	0.02	0.6	15.5
Q012402		1.21	3.02	0.06	0.4	0.85	0.012	0.49	5.9	3.6	0.45	485	1.43	0.03	1.7	26.9
Q012403		0.65	1.10	0.05	0.1	0.54	0.009	0.17	3.0	1.4	0.33	579	0.66	0.01	0.5	15.6
Q012404		10.75	9.94	0.14	1.5	2.52	0.033	1.43	19.9	17.6	0.32	786	14.75	0.03	5.9	398
Q012405		12.40	13.80	0.20	1.9	1.50	0.040	1.84	31.8	28.7	0.38	881	12.85	0.05	6.9	701
Q012406		13.65	15.15	0.26	2.0	2.97	0.053	2.22	32.5	29.9	0.43	938	18.20	0.05	7.9	725
Q012407		6.48	0.66	0.06	0.1	4.71	0.005	0.09	3.4	1.3	0.09	1780	5.65	<0.01	0.4	146.0
Q012408		28.3	8.36	0.12	1.1	2.75	0.036	1.23	17.4	10.9	0.25	950	39.4	0.04	4.0	269

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
Q012369		240	18.5	138.5	0.007	0.28	10.75	9.3	3	2.1	47.2	1.07	0.11	7.4	0.393	2.88
Q012370		280	82.4	2.9	0.002	0.01	1.33	0.8	2	0.2	194.5	<0.05	<0.05	0.3	0.009	0.09
Q012371		470	18.0	3.2	<0.002	0.01	0.79	1.6	<1	<0.2	94.5	<0.05	<0.05	0.3	0.008	0.09
Q012372		180	14.6	3.3	<0.002	0.01	0.99	2.1	1	<0.2	115.0	<0.05	<0.05	0.3	0.010	0.09
Q012373		1000	19.9	2.7	<0.002	0.01	0.85	1.7	1	<0.2	103.5	<0.05	<0.05	0.3	0.007	0.08
Q012374		440	14.4	2.9	<0.002	0.01	0.44	1.7	<1	<0.2	111.0	<0.05	<0.05	0.3	0.009	0.07
Q012375		650	28.5	2.2	<0.002	<0.01	0.87	1.4	1	<0.2	96.8	<0.05	<0.05	0.2	<0.005	0.06
Q012376		680	27.4	1.7	<0.002	0.01	0.83	2.5	1	<0.2	86.6	<0.05	<0.05	0.2	<0.005	0.06
Q012377		2160	65.8	82.6	<0.002	0.26	15.45	11.7	6	1.5	183.0	0.65	0.13	13.0	0.227	1.24
Q012378		1030	40.0	124.0	0.004	0.25	9.15	11.7	3	1.8	185.0	1.06	0.08	10.4	0.357	1.60
Q012379		1370	71.7	121.0	0.003	0.30	12.35	11.5	4	1.8	232	1.05	0.09	11.7	0.348	1.86
Q012380		790	15.5	99.1	0.002	0.13	6.86	9.8	2	1.5	106.0	0.78	0.08	8.2	0.273	1.06
Q012381		1500	60.4	128.0	0.003	0.42	10.90	11.6	3	1.9	276	1.09	0.12	11.7	0.351	2.08
Q012382		1910	23.5	92.8	<0.002	0.18	10.95	11.8	5	1.6	123.5	0.74	0.09	11.3	0.252	1.14
Q012383		1110	508	125.5	0.010	0.37	11.65	12.2	5	2.2	107.5	1.21	0.07	10.2	0.384	1.83
Q012384		1200	43.5	111.0	0.005	0.22	10.00	11.6	4	1.8	108.5	1.14	0.10	8.9	0.368	1.74
Q012385		1330	134.5	135.0	0.008	0.36	18.60	11.8	5	2.3	191.5	1.25	0.10	12.1	0.405	2.22
Q012386		660	39.4	132.5	0.009	0.16	7.27	11.3	3	2.1	152.5	1.20	0.09	10.5	0.401	2.07
Q012387		2020	24.8	82.3	0.012	0.21	8.63	8.9	6	1.3	48.9	1.11	<0.05	7.5	0.294	1.06
Q012388		1260	37.3	123.5	0.011	1.57	8.10	12.1	7	1.9	51.6	1.28	0.07	10.1	0.391	1.91
Q012389		1290	32.8	109.5	0.004	0.04	8.33	12.1	7	1.7	61.0	1.17	0.07	8.5	0.337	2.28
Q012390		1450	19.2	111.5	0.005	0.05	5.00	11.4	3	1.8	110.5	1.19	0.08	9.7	0.373	3.30
Q012391		930	17.0	136.0	0.003	0.14	4.82	13.3	3	2.0	151.5	1.06	0.08	10.5	0.378	4.18
Q012392		1060	23.6	125.0	0.005	0.35	5.85	10.9	5	1.8	74.2	1.07	0.09	9.6	0.360	3.14
Q012393		1050	19.1	129.0	0.007	0.12	4.97	11.4	3	1.9	77.0	1.12	0.10	9.7	0.367	3.24
Q012394		180	28.3	12.9	0.002	0.02	1.01	1.8	<1	0.3	172.5	0.10	<0.05	1.2	0.041	0.26
Q012395		90	7.2	5.6	<0.002	<0.01	0.32	0.6	1	0.2	149.0	<0.05	<0.05	0.5	0.014	0.15
Q012396		570	71.5	32.1	0.002	0.02	1.53	4.4	2	0.7	187.0	0.30	<0.05	3.5	0.130	0.50
Q012397		590	31.0	32.6	<0.002	0.02	1.63	4.6	2	0.7	196.5	0.30	<0.05	3.5	0.131	0.50
Q012398		520	54.9	34.4	<0.002	0.01	2.09	3.9	2	0.8	377	0.22	<0.05	3.2	0.096	0.54
Q012399		520	44.4	35.2	<0.002	0.01	2.11	3.8	1	0.7	369	0.22	<0.05	3.2	0.095	0.54
Q012400		160	35.5	9.9	<0.002	<0.01	0.59	1.2	1	0.3	357	0.06	<0.05	0.9	0.028	0.13
Q012401		130	17.3	6.0	<0.002	0.01	5.25	0.9	1	0.2	539	<0.05	<0.05	0.6	0.017	0.10
Q012402		240	44.4	18.9	<0.002	0.01	1.19	2.0	4	0.5	418	0.12	<0.05	1.8	0.054	0.24
Q012403		160	25.1	6.4	<0.002	<0.01	0.48	0.9	2	0.2	533	<0.05	<0.05	0.6	0.016	0.09
Q012404		1070	74.9	65.0	<0.002	0.03	6.46	6.6	9	1.1	145.5	0.42	<0.05	5.8	0.163	3.09
Q012405		1280	62.1	92.2	<0.002	0.03	12.50	10.7	21	1.5	158.5	0.49	0.06	8.1	0.200	8.23
Q012406		1260	78.1	99.6	<0.002	0.04	9.73	9.9	56	1.7	165.5	0.56	0.09	8.7	0.237	8.03
Q012407		490	12.7	3.9	<0.002	0.01	1.41	1.2	2	<0.2	148.5	<0.05	0.05	0.4	0.011	0.86
Q012408		3880	92.3	51.9	<0.002	0.04	10.30	6.5	3	1.0	201	0.28	0.05	4.7	0.121	3.86

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
Q012369		3.5	332	4.9	12.2	11	121.0	
Q012370		5.3	36	0.7	8.8	101	2.9	
Q012371		11.1	22	0.6	11.4	82	5.0	
Q012372		6.8	30	0.7	11.9	109	4.5	
Q012373		16.3	24	0.6	12.5	84	3.7	
Q012374		10.0	20	0.4	9.5	57	3.4	
Q012375		11.9	23	0.6	17.0	93	4.3	
Q012376		13.9	25	0.6	17.3	107	4.2	
Q012377		4.5	285	5.2	35.8	852	67.8	
Q012378		3.8	370	6.1	25.2	281	100.0	
Q012379		4.3	367	5.9	29.6	297	103.5	
Q012380		2.9	260	3.7	20.8	289	76.6	
Q012381		4.5	414	5.3	33.6	261	104.0	
Q012382		4.3	291	7.4	33.5	694	73.4	
Q012383		5.0	370	9.6	25.4	1010	114.0	
Q012384		5.7	360	10.1	29.0	213	98.4	
Q012385		5.1	361	15.7	22.5	224	119.0	
Q012386		3.8	378	8.8	21.6	137	112.5	
Q012387		6.4	394	9.0	59.1	367	101.5	
Q012388		5.4	380	9.4	26.3	189	113.0	
Q012389		4.6	367	2.6	29.4	233	100.5	
Q012390		4.6	387	5.2	29.2	190	115.0	
Q012391		4.2	346	5.8	25.4	130	119.0	
Q012392		4.0	357	3.6	24.6	128	106.5	
Q012393		4.1	377	3.7	25.4	135	109.5	
Q012394		4.1	26	0.7	5.0	198	11.2	
Q012395		6.5	12	0.4	2.1	83	4.4	
Q012396		3.4	75	1.1	11.9	221	31.6	
Q012397		3.4	75	1.1	12.4	230	32.9	
Q012398		3.5	65	2.0	11.1	530	29.0	
Q012399		3.2	68	1.8	10.2	499	27.8	
Q012400		1.1	15	0.7	6.2	220	7.4	
Q012401		0.9	11	0.5	3.7	190	5.3	
Q012402		2.0	24	1.4	6.6	385	15.7	
Q012403		1.0	9	0.5	5.5	247	4.6	
Q012404		9.0	173	4.2	25.2	1580	52.9	1.190
Q012405		9.7	282	8.3	40.8	3360	72.7	1.205
Q012406		7.9	279	5.3	38.3	2840	73.4	1.360
Q012407		6.8	70	0.5	15.4	1240	5.5	
Q012408		21.9	285	4.8	38.6	2680	38.7	2.32

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012409		0.31	0.01	0.56	5.31	6400	660	1.89	0.19	13.45	11.15	47.8	41.3	56	15.95	42.2
Q012410		0.54	0.01	0.20	0.24	1810	100	0.30	0.01	35.8	16.10	3.60	13.6	7	0.68	1.8
Q012411		0.18	<0.01	0.12	0.32	519	140	0.29	0.01	35.8	4.50	3.56	3.4	4	0.95	4.1
Q012412		0.27	0.01	0.51	1.55	7080	4790	1.03	0.06	29.0	13.35	14.15	23.9	21	5.38	15.3
Q012413		0.39	0.04	0.86	1.28	9380	5580	1.06	0.04	26.2	18.80	10.20	20.3	16	5.97	11.1
Q012414		0.30	0.02	0.50	1.61	5310	1460	1.10	0.06	29.6	10.35	15.65	17.4	20	5.16	15.4
Q012415		0.12	<0.01	0.35	0.80	332	340	0.89	0.02	32.6	19.65	7.13	3.3	7	1.92	48.9
Q012416		0.24	0.01	0.50	1.23	247	210	1.28	0.04	30.8	15.80	11.85	5.1	13	2.69	73.2
Q012417		0.78	0.01	1.29	8.87	1530	790	4.56	0.34	4.28	13.05	68.6	42.8	98	31.1	143.5
Q012418		0.24	0.01	1.03	2.07	424	320	1.50	0.07	25.0	14.85	18.00	4.4	31	3.82	76.4
Q012419		0.24	0.02	2.63	5.33	973	580	4.22	0.12	9.88	14.15	39.0	10.4	67	8.68	248

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012409		9.12	12.40	0.15	1.6	1.75	0.046	1.68	27.7	29.9	0.46	741	14.85	0.10	6.9	336
Q012410		2.56	0.61	0.08	0.1	3.28	<0.005	0.08	2.5	0.8	0.18	922	3.85	<0.01	0.3	60.5
Q012411		0.67	0.76	0.07	0.1	0.89	<0.005	0.10	2.0	1.7	0.30	169	0.83	0.01	0.4	30.8
Q012412		7.82	3.74	0.09	0.6	4.07	0.013	0.55	8.8	6.1	0.24	835	7.39	<0.01	2.5	207
Q012413		9.93	2.56	0.08	0.5	3.38	0.010	0.36	6.9	4.6	0.17	805	8.26	<0.01	1.7	258
Q012414		6.06	3.75	0.08	0.6	1.86	0.016	0.54	9.0	6.6	0.24	675	6.42	0.02	2.3	183.5
Q012415		0.88	1.34	0.09	0.2	1.19	0.011	0.17	3.9	3.4	0.21	234	2.27	0.01	0.7	55.6
Q012416		1.00	2.47	0.10	0.4	1.98	0.015	0.31	5.9	5.3	0.35	203	3.34	0.03	1.3	52.0
Q012417		5.82	24.3	0.20	3.1	4.58	0.098	3.05	34.7	64.9	0.76	413	6.29	0.12	11.8	434
Q012418		1.88	4.66	0.12	0.7	2.68	0.034	0.58	10.1	8.5	0.61	220	9.19	0.05	2.6	61.1
Q012419		3.60	9.44	0.15	1.4	7.29	0.074	1.16	20.8	17.9	1.06	213	15.20	0.10	5.2	187.0

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Finalized Date: 5-SEP-2013
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012409		1490	40.6	79.2	<0.002	0.03	4.73	8.2	3	1.4	169.0	0.50	0.06	7.5	0.216	2.59
Q012410		830	7.0	3.3	<0.002	0.01	0.65	1.8	<1	<0.2	139.5	<0.05	<0.05	0.3	0.009	0.32
Q012411		210	5.1	4.6	<0.002	<0.01	0.69	1.2	<1	<0.2	331	<0.05	<0.05	0.5	0.013	0.17
Q012412		570	52.1	22.7	<0.002	0.12	6.17	3.4	2	0.4	199.5	0.17	<0.05	2.2	0.068	1.18
Q012413		710	76.0	15.5	<0.002	0.13	7.29	2.7	2	0.4	245	0.12	<0.05	1.5	0.046	2.13
Q012414		620	62.6	22.7	<0.002	0.03	5.79	3.7	2	0.5	249	0.16	<0.05	2.5	0.071	1.26
Q012415		710	24.4	8.2	<0.002	<0.01	2.07	1.8	1	0.2	418	0.05	<0.05	0.7	0.018	0.55
Q012416		600	36.8	14.3	<0.002	<0.01	2.35	3.2	1	0.3	363	0.09	0.05	1.5	0.041	0.98
Q012417		1400	82.3	123.0	<0.002	0.01	4.95	19.8	2	2.8	187.5	0.90	0.13	12.0	0.344	5.86
Q012418		790	62.2	25.3	<0.002	0.02	7.64	5.5	3	0.6	303	0.19	<0.05	2.5	0.080	2.06
Q012419		1790	188.5	52.5	<0.002	0.07	17.40	15.1	8	1.1	171.5	0.39	0.09	5.3	0.157	5.78

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Finalized Date: 5-SEP-2013
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CERTIFICATE OF ANALYSIS WH13145854

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
Q012409		7.5	202	2.1	23.8	2180	54.4	
Q012410		10.0	35	0.6	9.5	724	3.5	
Q012411		4.1	15	0.5	7.6	271	4.7	
Q012412		6.0	94	1.9	14.9	1570	21.2	
Q012413		6.6	82	2.1	15.6	1660	16.1	
Q012414		6.6	73	2.6	14.1	1190	22.7	
Q012415		4.9	50	0.9	40.6	394	6.7	
Q012416		5.6	81	1.1	32.7	424	12.3	
Q012417		6.3	283	2.9	55.6	3590	104.0	
Q012418		4.7	263	2.4	36.2	476	22.9	
Q012419		10.6	481	4.5	75.1	1190	44.1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145854

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

CERTIFICATE WH13146958

Project: Nadaleen
P.O. No.: AnEx-8
This report is for 71 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 5-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146958

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012420		0.19	<0.01	0.92	2.60	3310	220	0.96	0.11	24.3	2.78	21.0	6.1	33	3.54	18.7
Q012421		0.10	<0.01	0.72	1.96	2830	160	0.80	0.07	29.0	3.40	16.60	6.7	27	2.90	12.7
Q012422		0.62	0.01	0.44	2.25	691	800	0.82	0.09	20.8	1.45	24.3	6.5	34	3.34	22.7
Q012423		0.22	0.01	0.82	2.12	2660	180	0.75	0.08	28.1	3.68	17.60	6.1	29	3.20	13.2
Q012424		0.33	<0.01	0.40	2.17	917	430	0.91	0.08	23.5	1.57	22.7	6.4	29	3.39	19.0
Q012425		0.58	<0.01	0.36	2.42	775	480	0.86	0.09	21.9	1.41	27.4	7.1	29	3.05	18.5
Q012426		0.32	0.01	3.22	7.48	6770	510	5.84	0.12	1.72	26.5	35.0	58.2	89	4.77	513
Q012427		0.65	0.02	4.04	7.44	6170	470	5.43	0.13	0.50	38.6	38.5	10.6	84	3.84	318
Q012428		0.43	0.01	2.91	8.77	3510	550	2.05	0.15	0.94	15.50	27.7	20.5	79	4.78	101.5
Q012429		0.21	0.01	1.23	3.39	1400	500	1.70	0.11	15.30	4.56	33.8	6.2	55	3.13	76.9
Q012430		Not Recvd														
Q012431		0.45	0.01	1.98	7.59	4450	580	3.72	0.08	12.20	17.45	44.3	17.8	66	4.31	222
Q012432		0.42	0.01	1.99	10.20	6550	740	5.97	0.15	1.33	17.60	58.8	36.9	88	8.02	470
Q012433		0.34	0.01	1.52	7.93	2870	640	3.37	0.13	12.15	12.80	64.0	24.1	64	6.84	160.5
Q012434		0.07	<0.01	1.31	8.64	4410	680	4.00	0.08	10.20	16.50	81.9	26.2	59	5.49	205
Q012435		0.43	0.01	0.13	1.00	102	170	0.46	0.04	22.3	1.42	11.65	2.8	12	1.15	9.5
Q012436		0.33	0.01	0.12	1.43	94	280	0.69	0.06	21.5	1.16	18.20	3.8	19	1.53	11.5
Q012437		0.18	0.01	0.11	1.18	93	220	0.58	0.05	23.0	1.03	14.20	3.0	15	1.53	9.4
Q012438		0.30	0.01	0.09	0.87	74	150	0.46	0.04	22.7	0.88	10.55	2.3	12	1.15	7.9
Q012439		0.52	<0.01	0.35	4.86	58.3	890	1.53	0.19	8.84	1.61	55.8	10.9	57	7.29	44.2
Q012440		0.37	<0.01	0.32	4.94	55.7	900	1.53	0.20	7.83	1.48	57.3	10.9	55	8.74	45.1
Q012441		0.50	<0.01	0.25	5.18	62.1	820	1.60	0.20	7.39	0.98	59.5	12.3	51	6.63	41.6
Q012442		0.76	0.01	0.26	5.80	55.2	1020	1.79	0.23	6.60	1.20	69.1	12.8	60	7.49	47.3
Q012443		0.24	0.01	0.11	1.35	88	230	0.60	0.05	20.8	1.19	15.95	3.6	17	1.96	11.4
Q012444		0.23	0.01	0.07	0.88	95	140	0.48	0.04	23.9	1.47	9.89	2.4	11	1.63	7.9
Q012445		0.23	<0.01	0.29	2.29	46	690	0.76	0.08	11.70	0.84	22.7	5.2	50	3.19	20.0
Q012446		0.22	0.02	0.29	1.82	220	440	0.86	0.07	24.7	4.20	22.2	5.3	23	2.87	20.1
Q012447		0.27	0.01	0.28	2.10	206	450	1.02	0.08	21.8	3.99	26.2	6.7	26	3.16	23.0
Q012448		0.28	0.01	0.32	2.27	259	430	1.11	0.09	23.8	6.04	26.9	7.0	25	4.52	27.4
Q012449		0.30	0.01	0.20	0.99	67	160	0.50	0.04	31.3	0.98	14.80	3.2	17	1.08	8.1
Q012450		0.22	<0.01	0.16	0.98	53	170	0.50	0.04	31.5	0.96	14.15	3.4	15	1.04	9.1
Q012451		0.52	<0.01	0.02	0.07	18	70	0.27	0.01	36.2	0.09	0.95	0.5	2	0.10	1.5
Q012452		0.14	0.01	0.19	0.33	145	100	0.27	0.01	27.8	8.26	3.64	2.5	4	1.04	7.5
Q012453		0.68	0.01	0.66	2.95	966	370	2.15	0.10	27.1	8.38	29.9	14.2	35	14.65	49.1
Q012454		0.46	0.01	0.93	5.43	1720	890	3.57	0.17	16.15	8.40	54.1	26.9	72	33.7	101.5
Q012455		0.55	0.02	0.72	4.73	1080	520	2.19	0.18	17.80	7.60	51.6	17.2	55	16.25	55.0
Q012456		0.62	0.02	0.65	4.34	1110	490	2.10	0.14	19.95	10.20	42.8	19.1	49	18.80	55.0
Q012457		0.67	0.02	0.67	3.08	860	500	1.68	0.12	25.3	14.95	31.8	14.5	39	16.30	42.9
Q012458		0.43	0.02	0.85	5.25	1420	820	2.91	0.19	15.85	8.43	53.3	25.4	71	33.9	79.0
Q012459		0.47	0.01	3.15	4.86	136.5	910	1.17	0.19	1.23	0.50	53.6	1.5	80	9.65	22.7

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146958

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012420		3.49	6.85	0.09	1.1	8.56	0.024	1.01	12.1	10.3	0.27	464	9.35	0.03	4.4	34.7
Q012421		2.97	5.19	0.05	0.8	8.66	0.013	0.75	9.2	7.6	0.28	443	4.35	0.02	3.3	34.6
Q012422		2.13	5.93	0.08	1.0	5.07	0.021	0.77	14.4	12.9	1.70	391	4.20	0.14	4.3	31.3
Q012423		2.99	5.54	0.06	0.9	6.63	0.014	0.80	9.6	8.7	0.37	480	4.29	0.02	3.5	38.3
Q012424		2.03	5.73	0.07	1.1	3.79	0.016	0.80	12.5	11.0	2.09	420	3.78	0.10	4.2	31.7
Q012425		2.20	6.28	0.07	1.2	5.21	0.019	0.91	14.5	14.8	2.11	459	3.75	0.12	4.5	29.3
Q012426		19.30	12.40	0.21	1.6	6.90	0.079	1.55	15.9	16.5	0.36	598	72.7	0.04	6.0	377
Q012427		10.55	10.70	0.16	1.7	6.35	0.070	1.40	21.7	18.9	0.24	117	41.3	0.02	9.3	331
Q012428		5.48	12.95	0.14	2.2	6.80	0.043	1.82	13.2	26.9	0.29	108	33.9	0.03	9.2	505
Q012429		3.89	8.24	0.10	1.3	1.90	0.032	1.00	18.2	16.5	2.52	352	7.83	0.13	5.9	54.5
Q012430																
Q012431		8.78	10.30	0.16	1.4	3.26	0.047	1.32	19.8	14.6	0.34	332	18.80	0.03	6.1	154.0
Q012432		14.15	14.60	0.26	2.0	4.46	0.048	1.89	22.4	24.8	0.42	540	38.5	0.06	7.8	257
Q012433		6.79	12.70	0.17	1.9	3.88	0.037	1.67	27.7	20.3	0.64	373	16.40	0.09	7.7	133.0
Q012434		9.77	11.85	0.23	1.7	2.50	0.034	1.68	33.5	17.6	0.39	394	19.50	0.04	6.6	202
Q012435		0.73	2.39	0.08	0.5	0.52	0.005	0.32	5.9	6.3	8.36	190	0.85	0.06	1.9	16.3
Q012436		1.08	3.60	0.10	0.8	0.68	0.008	0.47	9.3	10.0	6.12	275	1.17	0.10	3.0	17.8
Q012437		0.80	3.05	0.10	0.6	0.60	<0.005	0.41	7.4	7.9	7.91	219	0.79	0.07	2.3	16.1
Q012438		0.59	2.28	0.10	0.4	0.54	<0.005	0.30	5.5	6.0	8.51	185	0.60	0.05	1.8	13.3
Q012439		3.23	12.90	0.16	2.2	0.36	0.038	1.71	30.2	28.6	3.55	733	5.64	0.28	9.7	41.9
Q012440		3.19	13.35	0.14	2.3	0.41	0.037	1.79	31.0	31.1	3.43	696	3.77	0.30	10.6	38.9
Q012441		3.66	13.70	0.14	2.4	0.36	0.044	1.81	30.7	36.6	3.60	733	3.02	0.35	10.4	34.7
Q012442		3.54	16.00	0.14	2.5	0.34	0.047	2.20	35.4	39.2	3.06	735	4.19	0.29	12.4	37.3
Q012443		0.89	3.60	0.06	0.6	0.64	0.005	0.46	8.4	9.1	6.28	202	0.88	0.07	2.7	20.3
Q012444		0.51	2.26	0.08	0.4	0.52	<0.005	0.31	5.2	5.8	6.50	176	0.57	0.03	1.6	18.0
Q012445		1.89	5.81	0.09	1.1	0.15	0.017	0.71	14.6	21.7	0.63	194	1.76	0.08	3.9	26.0
Q012446		1.33	4.72	0.08	0.9	2.36	0.008	0.62	12.3	12.1	1.76	370	1.80	0.12	3.8	37.6
Q012447		1.63	5.44	0.08	1.0	2.19	0.012	0.68	14.4	14.9	2.75	499	2.26	0.14	4.3	40.3
Q012448		1.54	5.79	0.08	1.1	1.79	0.014	0.76	14.9	14.7	2.04	411	2.43	0.14	4.5	52.0
Q012449		0.73	2.61	0.07	0.6	0.78	0.005	0.31	8.7	6.7	0.74	201	1.49	0.07	2.2	15.0
Q012450		0.74	2.52	0.06	0.5	0.66	<0.005	0.29	8.3	6.7	0.70	197	1.69	0.07	2.2	15.5
Q012451		0.05	0.18	0.05	<0.1	0.30	<0.005	0.02	0.6	0.6	0.16	33	0.27	<0.01	0.1	3.5
Q012452		0.36	0.82	0.07	0.1	0.68	<0.005	0.12	1.9	2.1	6.13	227	0.46	0.01	0.5	28.0
Q012453		2.60	7.22	0.10	1.1	1.21	0.015	0.92	19.3	17.9	0.39	460	4.48	0.04	4.3	179.0
Q012454		4.36	12.80	0.12	1.9	2.45	0.036	1.56	36.3	31.3	1.11	406	7.16	0.06	7.3	368
Q012455		3.43	12.80	0.11	1.8	1.52	0.041	1.62	29.2	30.2	1.08	357	3.94	0.10	7.7	152.0
Q012456		3.09	11.35	0.13	1.5	1.76	0.029	1.43	25.7	27.2	1.58	336	3.85	0.06	5.9	189.0
Q012457		2.24	7.92	0.09	1.2	2.09	0.027	0.99	19.8	18.4	1.32	316	3.07	0.04	4.6	168.5
Q012458		3.95	13.45	0.13	1.9	2.29	0.038	1.63	35.4	32.4	1.43	327	6.12	0.07	7.7	307
Q012459		0.87	14.75	0.18	2.5	1.11	0.038	2.03	31.7	11.0	0.49	48	4.56	0.06	16.2	15.4

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Finalized Date: 5-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146958

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012420		520	145.5	40.7	<0.002	0.01	14.40	5.6	1	1.0	86.9	0.31	<0.05	3.8	0.147	2.07
Q012421		250	98.0	31.2	<0.002	<0.01	10.15	5.1	1	0.7	65.6	0.23	<0.05	3.1	0.109	3.30
Q012422		670	40.1	36.3	0.002	0.03	3.11	5.2	2	0.7	112.0	0.30	<0.05	3.8	0.134	1.06
Q012423		210	63.6	34.6	<0.002	<0.01	9.81	5.3	1	0.7	62.9	0.24	<0.05	3.1	0.113	3.66
Q012424		490	56.9	35.0	0.002	0.02	4.52	4.9	1	0.7	102.5	0.29	<0.05	3.5	0.133	1.16
Q012425		490	42.5	38.8	0.002	0.04	3.52	5.3	1	0.8	156.5	0.32	<0.05	4.2	0.149	1.16
Q012426		3330	125.0	59.7	0.002	0.05	25.6	25.1	13	1.3	87.7	0.41	<0.05	9.3	0.174	1.69
Q012427		2120	324	55.2	<0.002	0.06	64.2	14.8	8	1.1	44.3	0.60	0.07	6.2	0.186	1.23
Q012428		1570	264	62.8	0.002	0.06	11.25	7.3	11	1.6	115.5	0.62	0.08	6.2	0.249	1.42
Q012429		1120	86.7	43.5	0.002	0.07	8.26	6.9	3	0.9	161.0	0.39	0.05	4.9	0.167	1.56
Q012430																
Q012431		2600	104.0	50.9	0.002	0.07	13.80	6.8	8	1.1	145.0	0.41	<0.05	6.1	0.174	1.45
Q012432		4760	87.1	76.9	0.002	0.04	17.00	10.1	9	1.5	63.9	0.53	0.05	9.4	0.230	1.60
Q012433		2390	65.6	71.5	0.002	0.02	10.25	8.5	7	1.4	96.9	0.55	<0.05	8.0	0.233	1.41
Q012434		2620	51.0	71.4	0.003	0.02	9.46	9.1	12	1.3	150.0	0.48	<0.05	10.0	0.218	0.99
Q012435		300	10.0	14.3	<0.002	<0.01	0.65	2.0	1	0.3	140.0	0.13	<0.05	1.7	0.060	0.37
Q012436		390	13.7	21.8	<0.002	0.01	0.79	3.2	1	0.4	148.0	0.20	<0.05	2.7	0.094	0.41
Q012437		320	10.7	18.2	<0.002	<0.01	0.68	2.6	1	0.4	138.5	0.16	<0.05	2.2	0.074	0.42
Q012438		270	8.4	13.7	<0.002	<0.01	0.55	1.9	<1	0.3	140.0	0.12	<0.05	1.6	0.055	0.32
Q012439		750	31.2	76.9	0.006	0.06	2.85	9.3	2	1.5	144.5	0.68	0.06	8.3	0.293	1.06
Q012440		760	31.0	81.8	0.003	0.05	2.02	9.6	2	1.5	145.5	0.75	0.05	8.7	0.301	1.08
Q012441		710	36.0	82.5	0.004	0.05	1.84	10.0	2	1.6	131.5	0.74	0.07	9.6	0.315	1.07
Q012442		710	34.2	97.9	0.006	0.06	2.60	11.1	2	1.9	125.5	0.83	0.07	10.9	0.351	1.20
Q012443		310	11.0	22.1	<0.002	<0.01	0.76	2.9	1	0.4	126.0	0.19	<0.05	2.4	0.082	0.50
Q012444		230	7.5	14.0	<0.002	<0.01	0.60	2.0	1	0.3	125.5	0.11	<0.05	1.5	0.049	0.40
Q012445		530	10.8	38.9	0.004	0.04	0.72	4.9	2	0.7	135.0	0.25	<0.05	3.5	0.135	0.33
Q012446		460	29.9	28.2	0.003	0.02	1.56	4.2	1	0.6	123.5	0.26	<0.05	3.2	0.115	0.67
Q012447		530	32.6	32.9	0.002	0.02	1.71	4.9	1	0.6	145.5	0.29	<0.05	3.9	0.125	0.74
Q012448		530	41.0	35.8	<0.002	0.01	1.82	4.9	1	0.7	137.5	0.31	<0.05	4.0	0.133	1.00
Q012449		250	17.6	14.8	<0.002	0.01	1.00	2.3	1	0.3	159.5	0.15	<0.05	2.0	0.069	0.30
Q012450		240	17.0	14.2	<0.002	<0.01	0.85	2.4	<1	0.3	149.0	0.17	<0.05	1.9	0.069	0.31
Q012451		30	2.9	0.9	0.003	<0.01	0.15	0.2	<1	<0.2	122.5	<0.05	<0.05	<0.2	<0.005	0.05
Q012452		190	23.9	5.2	<0.002	<0.01	0.61	0.8	<1	<0.2	92.2	<0.05	<0.05	0.5	0.014	2.44
Q012453		1010	109.5	48.1	<0.002	0.01	5.75	5.9	2	0.8	95.6	0.33	<0.05	4.4	0.110	1.86
Q012454		2340	146.0	84.2	<0.002	0.02	9.72	8.7	3	1.5	172.5	0.51	0.07	7.1	0.196	4.00
Q012455		900	98.9	81.8	<0.002	0.01	6.07	8.5	2	1.4	114.5	0.54	<0.05	7.4	0.226	3.26
Q012456		1010	93.3	74.6	<0.002	0.01	5.21	7.6	2	1.3	111.5	0.41	<0.05	6.2	0.171	3.24
Q012457		970	88.8	53.1	<0.002	0.01	5.21	5.4	2	1.0	130.5	0.31	0.05	4.4	0.122	5.00
Q012458		1980	132.0	89.5	<0.002	0.02	8.43	8.4	2	1.5	167.0	0.52	0.05	7.4	0.202	4.59
Q012459		680	106.0	96.4	0.015	0.06	5.91	10.8	2	1.8	55.8	1.05	0.07	7.6	0.350	1.45

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146958

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q012420		7.6	56	3.2	10.6	789	38.9
Q012421		7.6	53	2.0	8.9	594	30.1
Q012422		5.3	76	1.2	12.2	275	37.9
Q012423		6.8	54	2.0	8.6	590	31.2
Q012424		4.7	67	1.6	10.0	358	36.3
Q012425		4.5	69	1.2	11.0	302	40.6
Q012426		28.8	811	3.5	85.3	6970	53.7
Q012427		18.6	768	5.3	58.0	4490	68.2
Q012428		9.6	482	6.0	96.8	3530	71.0
Q012429		7.2	297	2.0	20.2	684	48.8
Q012430							
Q012431		10.9	520	3.3	73.7	2800	47.0
Q012432		15.9	935	3.8	93.2	4290	64.0
Q012433		7.8	358	3.4	54.0	2230	63.4
Q012434		7.2	481	3.4	90.0	3760	53.6
Q012435		2.1	32	0.4	5.5	137	15.8
Q012436		2.3	49	0.5	7.4	132	26.9
Q012437		2.2	35	0.6	5.7	111	19.9
Q012438		1.8	26	0.4	4.5	95	14.8
Q012439		3.3	200	1.1	17.5	242	75.8
Q012440		3.1	167	1.2	16.9	229	79.8
Q012441		3.0	139	1.1	16.7	220	80.8
Q012442		3.2	178	1.3	18.0	222	89.3
Q012443		2.1	39	0.5	6.1	124	21.0
Q012444		1.8	26	0.5	5.0	127	13.0
Q012445		2.3	78	0.5	12.9	111	39.5
Q012446		2.7	65	0.8	13.0	264	31.8
Q012447		3.2	77	1.0	14.9	271	36.5
Q012448		3.1	75	1.1	16.8	403	38.8
Q012449		4.0	32	0.6	6.7	96	20.0
Q012450		3.9	34	0.5	6.9	88	17.4
Q012451		2.7	5	0.1	0.5	16	1.5
Q012452		1.2	11	0.3	4.2	740	4.8
Q012453		8.2	135	1.9	25.3	1150	39.3
Q012454		14.8	277	2.9	61.5	2210	72.4
Q012455		6.0	173	2.0	24.8	1260	64.5
Q012456		6.5	162	1.6	28.7	1520	55.9
Q012457		7.0	124	2.1	26.6	1740	42.9
Q012458		12.5	260	2.7	44.2	2030	73.3
Q012459		3.0	413	3.4	13.1	54	97.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146958

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012460		0.38	0.01	0.69	5.29	70.0	940	1.32	0.21	0.33	0.34	61.5	1.4	75	11.50	19.6
Q012461		0.19	0.01	0.57	5.41	903	1160	1.45	0.24	1.56	2.40	72.4	3.9	101	10.60	75.9
Q012462		0.61	0.01	1.52	5.67	1500	1210	2.51	0.26	0.92	4.24	74.0	5.9	107	9.89	133.5
Q012463		0.52	0.01	1.41	5.01	391	1010	1.21	0.23	0.54	0.36	54.1	2.1	75	9.02	19.9
Q012464		0.49	0.01	0.57	4.71	1310	950	1.87	0.19	5.66	4.51	60.2	8.1	86	7.20	75.3
Q012465		0.46	0.01	1.11	4.91	143.0	1000	1.13	0.36	0.34	0.17	53.1	1.1	75	9.89	12.0
Q012466		1.08	<0.01	3.26	4.81	359	930	1.64	0.20	3.87	1.70	56.7	4.2	71	8.32	43.8
Q012467		0.52	0.01	1.35	4.16	457	750	1.27	0.17	7.44	1.61	53.3	4.4	59	6.44	38.4
Q012468		0.17	0.01	2.40	4.62	357	830	1.18	0.20	7.76	1.57	56.1	4.7	68	7.06	36.8
Q012469		0.28	<0.01	0.33	3.71	14.8	1850	1.18	0.15	6.62	2.42	46.0	7.2	58	2.80	31.5
Q012470		0.42	<0.01	0.30	3.61	14.3	1970	1.08	0.14	8.53	2.19	45.1	7.1	55	2.82	30.1
Q012471		0.25	<0.01	0.14	6.28	50.5	690	1.58	0.21	4.13	0.66	59.3	13.5	76	6.12	32.7
Q012472		0.22	<0.01	0.10	7.01	26.8	640	1.92	0.22	2.29	0.35	65.5	15.1	85	6.76	33.2
Q012473		0.61	<0.01	0.14	7.52	33.1	820	2.06	0.25	2.37	0.42	66.1	16.5	92	7.39	37.1
Q012474		0.16	0.18	0.39	2.79	253	350	0.92	0.09	23.8	1.38	28.3	5.7	36	2.95	14.3
Q012475		0.26	0.22	0.40	2.65	302	380	0.87	0.09	25.3	1.38	26.3	5.3	32	2.71	13.3
Q012476		0.20	0.21	0.38	0.52	211	100	0.30	0.02	35.3	1.35	6.44	1.1	9	0.55	2.9
Q012477		0.22	<0.01	0.08	0.11	78	30	0.20	0.01	29.3	1.11	2.59	1.0	2	0.10	1.7
Q012478		0.29	<0.01	0.14	5.49	51.3	590	1.48	0.17	7.23	0.63	53.3	11.4	66	5.31	29.7
Q012479		0.23	<0.01	0.19	5.45	48.0	680	1.44	0.18	8.03	0.63	52.9	11.4	65	5.21	31.1
Q012480		0.09	0.02	0.18	1.08	235	260	0.77	0.03	32.6	11.90	11.70	3.2	13	1.89	7.9
Q012481		0.18	<0.01	0.07	0.53	44	80	0.29	0.04	33.6	0.77	7.01	1.5	10	0.74	4.4
Q012482		0.36	<0.01	0.09	0.70	60	100	0.31	0.04	33.2	1.43	9.36	1.9	10	1.01	6.3
Q012483		0.53	<0.01	0.03	0.04	8	20	0.11	0.01	37.1	0.41	1.41	0.3	2	0.06	1.2
Q012484		0.27	0.04	0.06	0.32	19	60	0.25	0.02	25.4	0.34	4.47	1.1	7	0.32	2.5
Q012485		0.26	0.01	0.16	0.76	512	100	0.44	0.04	33.0	1.25	9.32	3.1	15	1.15	6.8
Q012486		0.22	0.01	0.21	0.41	772	60	0.55	0.02	35.4	1.27	5.02	1.8	25	0.53	4.7
Q012487		0.28	<0.01	0.16	1.77	152	230	0.70	0.08	25.6	0.97	21.0	3.3	19	2.04	10.2
Q012488		0.43	<0.01	0.16	1.80	137	240	0.77	0.08	24.5	1.12	22.6	3.8	38	1.98	11.9
Q012489		0.31	<0.01	0.14	1.32	122	180	0.55	0.07	28.6	0.86	16.25	2.7	17	1.60	8.6
Q012490		0.38	<0.01	0.06	0.28	34	70	0.19	0.01	33.9	0.35	3.59	0.8	5	0.32	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146958

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012460		1.11	16.50	0.17	2.4	0.74	0.038	2.14	35.3	13.8	0.42	55	4.03	0.05	16.7	10.4
Q012461		4.51	17.85	0.14	2.4	0.81	0.079	2.14	37.5	15.5	0.55	143	9.30	0.08	15.6	31.2
Q012462		6.79	17.60	0.15	2.0	0.91	0.116	1.98	37.7	15.6	0.38	110	12.55	0.05	14.0	58.4
Q012463		1.55	14.25	0.13	2.4	0.99	0.036	2.05	31.4	13.6	0.44	73	4.17	0.08	15.4	17.2
Q012464		5.37	13.95	0.12	1.9	1.18	0.074	1.62	31.0	17.7	1.07	251	9.10	0.17	11.6	58.8
Q012465		0.84	14.30	0.11	2.5	0.94	0.036	2.01	31.9	11.2	0.40	43	2.65	0.05	16.9	14.2
Q012466		2.28	14.25	0.12	2.3	2.57	0.045	1.86	31.3	15.5	0.76	165	5.81	0.13	14.0	27.4
Q012467		2.75	12.35	0.11	1.9	1.85	0.043	1.53	28.1	15.1	2.46	236	6.27	0.16	11.1	27.4
Q012468		2.70	13.30	0.12	2.1	1.74	0.045	1.70	30.1	16.6	1.23	244	6.60	0.19	12.5	24.6
Q012469		2.47	9.83	0.11	1.6	0.24	0.030	1.30	25.9	29.2	1.35	376	5.39	0.17	8.7	41.9
Q012470		2.38	9.61	0.08	1.6	0.22	0.032	1.26	25.3	25.6	1.48	378	5.39	0.17	8.4	40.1
Q012471		3.61	16.50	0.14	2.4	0.18	0.056	1.74	31.3	51.3	0.85	408	1.40	0.32	9.6	49.5
Q012472		3.81	18.75	0.13	2.6	0.06	0.059	1.95	34.1	57.8	0.83	355	1.40	0.33	10.4	54.0
Q012473		4.23	20.7	0.15	2.8	0.16	0.059	2.17	33.7	62.9	0.91	432	1.54	0.35	11.6	59.8
Q012474		1.63	7.11	0.08	1.1	3.91	0.028	0.82	15.3	19.5	0.55	422	1.60	0.12	4.6	30.8
Q012475		1.58	6.61	0.09	1.1	3.14	0.021	0.77	14.3	17.9	0.71	433	1.75	0.10	4.2	30.8
Q012476		0.37	1.29	0.09	0.2	6.07	<0.005	0.15	4.4	2.5	0.20	462	1.17	0.01	1.0	12.7
Q012477		0.16	0.32	0.19	0.1	0.86	<0.005	0.03	1.7	0.9	6.11	257	0.34	0.01	0.2	8.6
Q012478		3.24	14.05	0.20	2.2	0.14	0.048	1.54	28.3	46.4	1.21	396	1.37	0.29	8.5	42.3
Q012479		3.29	13.90	0.13	2.1	0.15	0.049	1.54	28.4	44.3	1.36	383	1.33	0.29	8.4	42.6
Q012480		0.77	2.92	0.10	0.4	0.44	0.008	0.43	5.5	6.0	0.83	473	0.35	0.02	1.5	57.9
Q012481		0.34	1.41	0.11	0.2	0.30	0.006	0.17	4.2	3.7	0.38	256	0.32	0.04	1.1	10.0
Q012482		0.46	1.90	0.12	0.3	0.36	0.007	0.23	5.6	4.9	0.31	217	0.50	0.04	1.5	12.3
Q012483		0.04	0.16	0.15	<0.1	0.11	<0.005	0.01	1.3	0.5	0.09	180	0.06	<0.01	0.1	5.2
Q012484		0.21	0.98	0.20	0.2	0.25	<0.005	0.10	2.4	2.3	7.68	201	0.24	0.03	0.8	7.7
Q012485		0.87	2.15	0.15	0.4	2.27	0.007	0.26	5.9	4.5	0.38	335	0.93	0.04	1.5	26.2
Q012486		0.83	1.12	0.08	0.2	4.79	0.005	0.14	3.6	1.7	0.13	374	0.87	0.01	0.7	25.7
Q012487		1.02	4.61	0.11	0.8	0.99	0.014	0.61	10.8	10.7	3.14	276	1.11	0.08	3.4	17.5
Q012488		1.10	4.58	0.14	0.8	1.12	0.017	0.61	11.4	11.1	2.95	309	1.16	0.11	3.7	18.4
Q012489		0.79	3.55	0.14	0.6	0.86	0.011	0.44	8.6	8.6	2.25	241	0.92	0.07	2.7	15.6
Q012490		0.17	0.72	<0.05	0.1	0.49	<0.005	0.09	2.5	1.6	1.75	106	0.28	0.01	0.6	2.7

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Finalized Date: 5-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146958

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012460		270	38.6	101.0	0.002	0.15	2.45	8.3	1	1.7	68.9	1.07	0.06	8.5	0.365	1.74
Q012461		1360	34.6	103.0	0.002	0.37	4.56	10.1	2	1.8	150.5	0.99	0.10	13.6	0.348	1.92
Q012462		2240	71.4	92.1	<0.002	0.47	6.31	16.7	3	1.7	203	0.86	0.14	16.0	0.314	2.23
Q012463		1140	55.1	95.4	0.013	0.16	4.85	8.3	1	1.8	85.3	1.02	0.08	9.0	0.342	1.51
Q012464		1680	31.5	77.4	<0.002	0.27	5.29	13.6	4	1.4	183.0	0.74	0.11	14.1	0.269	1.54
Q012465		1060	43.0	94.9	0.008	0.04	4.54	8.1	1	1.9	44.7	1.08	0.10	10.0	0.349	1.33
Q012466		920	218	88.0	0.003	0.14	5.46	9.4	2	1.6	116.0	0.91	0.10	8.5	0.321	1.40
Q012467		830	92.0	71.3	<0.002	0.21	3.52	7.3	2	1.3	152.5	0.74	0.10	8.2	0.265	1.15
Q012468		770	190.5	77.2	<0.002	0.23	3.72	7.6	2	1.5	168.5	0.83	0.10	8.6	0.305	1.29
Q012469		1070	13.1	61.2	0.012	0.10	3.06	6.8	2	1.1	198.5	0.58	<0.05	6.5	0.220	0.55
Q012470		1110	13.4	59.5	0.008	0.11	2.94	6.5	3	1.1	239	0.55	<0.05	6.2	0.213	0.55
Q012471		800	17.6	102.5	0.003	0.12	0.89	12.8	1	1.8	118.0	0.68	0.05	8.6	0.362	0.72
Q012472		860	17.5	114.5	0.003	0.16	0.79	14.5	1	2.1	83.1	0.71	<0.05	9.6	0.390	0.75
Q012473		910	20.0	118.0	0.003	0.08	0.99	15.8	2	2.4	88.9	0.81	0.07	9.8	0.429	0.91
Q012474		460	32.8	43.1	<0.002	0.02	1.79	7.3	1	0.8	89.8	0.30	<0.05	3.9	0.155	0.53
Q012475		450	35.5	39.0	<0.002	0.02	1.74	6.9	2	0.9	94.1	0.30	<0.05	3.7	0.146	0.54
Q012476		170	30.7	6.2	<0.002	0.02	1.23	4.0	1	0.2	59.0	0.06	<0.05	0.8	0.027	0.20
Q012477		60	3.4	1.5	0.002	<0.01	0.22	0.3	1	<0.2	51.1	<0.05	<0.05	<0.2	0.005	0.06
Q012478		820	14.9	88.2	<0.002	0.08	0.78	10.9	1	1.7	108.5	0.59	<0.05	7.7	0.318	0.62
Q012479		780	17.3	85.4	0.002	0.07	0.88	11.0	2	1.7	118.0	0.58	<0.05	7.4	0.324	0.59
Q012480		440	10.4	17.8	<0.002	0.01	2.39	7.4	1	0.3	115.5	0.10	<0.05	1.4	0.050	7.19
Q012481		160	5.2	8.2	<0.002	<0.01	0.39	2.6	1	0.2	61.2	0.08	<0.05	1.0	0.034	0.20
Q012482		180	7.7	11.2	<0.002	<0.01	0.60	2.7	1	0.2	68.0	0.11	<0.05	1.3	0.046	0.27
Q012483		60	1.6	0.6	<0.002	<0.01	0.08	2.1	<1	<0.2	63.5	<0.05	<0.05	<0.2	<0.005	0.03
Q012484		190	3.6	4.7	<0.002	<0.01	0.31	0.8	<1	<0.2	106.5	0.05	<0.05	0.6	0.024	0.08
Q012485		410	13.7	11.1	<0.002	0.01	2.95	2.8	<1	0.3	55.7	0.10	<0.05	1.3	0.046	0.44
Q012486		460	15.4	5.6	<0.002	0.01	2.73	2.6	<1	0.2	39.2	<0.05	<0.05	0.7	0.021	0.46
Q012487		560	19.0	25.3	<0.002	0.01	1.25	3.8	1	0.5	111.0	0.23	<0.05	3.2	0.108	0.57
Q012488		510	20.7	25.2	<0.002	0.01	1.35	4.0	1	0.6	115.0	0.25	<0.05	3.3	0.116	0.52
Q012489		420	15.0	19.2	<0.002	<0.01	1.06	3.3	<1	0.4	113.5	0.18	<0.05	2.4	0.083	0.45
Q012490		150	5.2	3.9	<0.002	<0.01	0.28	0.7	1	<0.2	107.5	<0.05	<0.05	0.5	0.017	0.12

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146958

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q012460		2.6	351	2.5	12.5	45	93.7
Q012461		4.3	439	2.4	17.2	205	99.2
Q012462		18.0	454	2.6	20.6	340	88.4
Q012463		2.8	382	2.7	12.5	52	91.2
Q012464		14.8	340	1.8	20.1	375	80.6
Q012465		3.0	417	2.4	11.9	22	94.6
Q012466		3.7	341	2.7	16.5	148	90.7
Q012467		3.9	263	2.0	16.1	164	75.7
Q012468		3.0	282	2.4	15.5	166	82.9
Q012469		3.6	289	0.8	19.6	208	66.3
Q012470		3.5	276	0.7	18.3	206	62.1
Q012471		2.6	136	1.1	19.1	155	87.0
Q012472		2.7	145	1.2	19.5	144	93.3
Q012473		2.9	161	1.3	21.2	155	101.5
Q012474		4.7	71	1.3	12.7	183	41.7
Q012475		5.1	69	1.3	12.1	193	39.3
Q012476		5.7	33	0.8	8.2	107	9.8
Q012477		2.5	6	0.1	1.8	70	2.8
Q012478		2.7	113	1.0	18.3	144	79.3
Q012479		2.6	124	0.9	18.0	145	75.9
Q012480		3.2	29	1.9	28.3	678	15.7
Q012481		2.7	24	0.2	7.7	38	9.5
Q012482		2.6	28	0.3	7.7	52	11.8
Q012483		2.4	9	<0.1	6.0	7	1.2
Q012484		2.4	12	0.2	3.0	25	6.6
Q012485		3.9	37	0.4	9.1	132	12.7
Q012486		5.4	32	0.4	8.9	137	6.8
Q012487		3.7	44	0.9	8.4	118	26.8
Q012488		3.5	50	0.8	8.8	119	28.5
Q012489		3.3	37	0.7	8.0	93	22.0
Q012490		1.7	10	0.2	4.2	29	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 5-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13146958

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

CERTIFICATE WH13152702

Project: Nadaleen

P.O. No.: AnEx-9

This report is for 99 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012491		0.24	0.02	0.08	0.52	50	110	0.36	0.03	30.0	0.74	6.28	1.8	7	0.54	3.5
Q012492		0.19	0.01	0.08	0.33	48	80	0.34	0.02	33.8	0.78	4.33	1.6	5	0.37	2.9
Q012493		0.32	<0.01	0.06	0.18	33	60	0.30	0.02	34.1	0.54	2.47	0.8	3	0.20	1.8
Q012494		0.30	<0.01	0.04	0.09	36	40	0.19	0.01	32.6	0.51	1.40	1.2	1	0.11	1.5
Q012495		0.38	0.02	0.06	0.09	55	30	0.20	0.01	32.8	1.68	2.04	1.2	1	0.11	1.6
Q012496		0.50	<0.01	0.02	2.09	21	280	0.88	0.10	22.9	0.25	32.4	7.1	20	0.89	12.8
Q012497		0.44	<0.01	0.03	2.24	36	320	0.93	0.13	18.40	0.34	36.5	10.4	18	0.94	13.7
Q012498		0.46	<0.01	0.05	0.11	324	30	0.31	0.01	34.8	1.78	4.51	0.8	6	0.12	2.2
Q012499		0.77	<0.01	0.04	0.13	229	40	0.33	0.01	35.3	1.71	4.50	0.8	6	0.14	2.2
Q012500		0.56	<0.01	0.08	0.52	268	90	0.44	0.03	34.1	1.31	6.92	2.2	7	0.90	6.4
Q012501		0.49	0.01	0.10	0.35	725	100	0.59	0.02	35.2	1.95	5.60	4.3	7	0.64	7.8
Q012502		0.36	0.01	0.10	0.50	273	100	0.52	0.03	34.2	1.27	7.82	2.3	7	0.84	6.0
Q012503		0.19	<0.01	0.07	0.36	184	60	0.48	0.02	34.4	1.25	5.04	1.5	5	0.71	4.6
Q012504		0.31	<0.01	0.04	0.10	96	60	0.18	0.01	34.9	0.85	3.03	0.5	3	0.13	1.9
Q012505		0.74	<0.01	0.05	0.12	133	50	0.19	0.01	35.7	0.85	3.59	0.6	4	0.15	2.2
Q012506		0.22	<0.01	0.04	0.11	98	60	0.14	0.01	35.1	0.66	2.94	0.5	3	0.12	1.9
Q012507		0.50	<0.01	0.09	0.12	160	60	0.26	0.01	34.8	0.93	3.08	0.8	3	0.17	2.5
Q012508		0.35	<0.01	0.08	0.56	106	90	0.60	0.02	33.5	1.02	8.72	1.7	8	0.77	4.6
Q012509		0.36	0.01	0.10	0.73	104	150	0.34	0.04	32.4	0.81	10.75	2.1	12	0.83	5.3
Q012510		0.10	0.01	0.09	0.17	41	70	0.14	0.02	34.4	0.39	3.24	0.6	4	0.19	3.2
Q012511		0.38	0.02	0.24	5.73	64.1	860	1.48	0.18	6.71	0.73	54.8	12.3	68	5.48	30.3
Q012512		0.20	0.02	0.35	4.32	120	530	1.22	0.14	14.55	1.28	42.3	9.1	44	4.02	22.3
Q012513		0.71	0.02	0.26	5.92	116.0	720	1.63	0.20	8.32	1.00	56.7	13.0	62	5.53	32.2
Q012514		0.35	<0.01	0.10	0.32	32	60	0.34	0.01	32.2	0.71	4.17	0.9	4	0.25	3.1
Q012515		0.22	0.01	0.35	2.25	155	400	0.72	0.08	20.7	2.86	27.9	4.5	28	1.77	15.2
Q012516		0.20	0.08	0.62	1.63	350	270	0.67	0.06	28.7	3.89	20.1	4.7	22	1.57	12.7
Q012517		0.48	0.01	0.06	0.21	111	50	0.29	0.01	30.7	1.05	3.16	1.7	3	0.19	2.1
Q012518		0.25	0.05	0.36	0.90	303	150	0.41	0.04	26.7	2.59	10.55	10.2	11	0.99	7.1
Q012519		0.20	0.09	0.59	1.91	1420	310	0.85	0.08	26.6	9.76	18.70	31.9	20	2.79	15.7
Q012520		0.14	0.04	0.36	1.08	282	260	0.51	0.05	32.5	3.16	12.45	5.1	14	1.56	9.9
Q012521		0.19	0.03	0.46	1.53	257	270	0.71	0.07	27.6	2.41	18.25	4.3	22	1.84	9.0
Q012522		0.14	0.02	0.26	0.59	203	120	0.40	0.03	33.7	3.11	6.69	4.1	8	0.90	5.7
Q012523		0.33	0.01	0.38	5.59	111.5	890	1.58	0.22	7.66	1.59	64.6	12.4	67	6.25	39.0
Q012524		0.50	0.01	0.36	6.02	100.5	950	1.64	0.24	6.22	1.29	70.0	13.6	69	6.72	41.6
Q012525		0.53	<0.01	0.32	4.71	80	740	1.31	0.19	12.25	1.49	55.0	10.3	51	5.23	32.5
Q012526		0.24	0.01	0.20	2.58	1750	440	1.21	0.11	26.7	3.78	25.4	22.2	29	3.73	17.4
Q012527		0.10	0.01	0.17	5.00	1930	500	1.35	0.22	21.9	2.08	45.9	17.7	53	8.31	31.3
Q012528		0.41	0.01	0.18	5.40	3330	480	2.04	0.17	16.70	5.25	42.5	49.7	53	9.00	22.2
Q012529		0.23	<0.01	0.13	3.35	1400	240	1.23	0.15	25.7	1.77	35.0	10.8	36	4.65	16.5
Q012530		0.13	0.01	0.12	3.71	1790	380	1.24	0.16	26.5	1.97	33.2	11.9	38	5.71	19.3

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012491		0.34	1.26	0.08	0.3	1.08	<0.005	0.13	3.7	3.3	1.22	238	0.74	0.04	0.9	11.0
Q012492		0.24	0.89	0.12	0.1	1.07	<0.005	0.09	2.6	2.3	2.18	246	0.57	0.02	0.7	9.8
Q012493		0.13	0.46	0.10	0.1	1.02	<0.005	0.05	1.5	1.2	0.62	207	0.49	0.01	0.3	6.5
Q012494		0.08	0.28	0.11	<0.1	1.07	<0.005	0.03	0.9	0.7	2.84	160	0.35	0.01	0.2	6.3
Q012495		0.11	0.27	0.14	0.1	1.20	<0.005	0.03	1.1	0.7	4.01	216	0.25	0.01	0.2	18.3
Q012496		4.73	5.71	0.09	1.0	0.07	0.027	0.87	15.0	2.9	3.01	1780	1.56	0.05	2.8	12.3
Q012497		7.60	6.29	0.09	0.8	0.11	0.034	0.93	16.0	2.5	1.43	1880	3.16	0.06	2.3	19.2
Q012498		0.37	0.36	<0.05	0.1	5.37	<0.005	0.04	5.3	0.5	0.13	325	0.34	<0.01	0.2	10.0
Q012499		0.30	0.42	<0.05	0.1	1.36	<0.005	0.04	5.5	0.6	0.11	293	0.26	0.01	0.3	9.9
Q012500		0.60	1.45	<0.05	0.2	2.00	0.005	0.17	5.1	3.2	0.12	383	0.90	0.02	0.9	25.1
Q012501		1.09	1.02	<0.05	0.2	3.83	0.005	0.12	4.8	1.8	0.09	458	1.74	0.01	0.5	56.1
Q012502		0.58	1.45	<0.05	0.2	1.98	0.006	0.16	5.4	3.3	0.13	394	1.00	0.02	1.0	24.6
Q012503		0.41	1.02	0.06	0.2	1.52	<0.005	0.12	3.7	2.3	0.10	441	0.63	0.01	0.6	17.4
Q012504		0.16	0.34	0.08	<0.1	1.93	<0.005	0.04	2.8	0.4	0.07	402	0.29	<0.01	0.2	4.7
Q012505		0.21	0.39	0.09	0.1	2.00	<0.005	0.04	3.3	0.5	0.07	364	0.40	<0.01	0.2	7.1
Q012506		0.17	0.33	0.07	0.1	1.48	<0.005	0.03	3.0	0.5	0.07	316	0.32	<0.01	0.2	5.0
Q012507		0.25	0.36	0.09	0.1	1.74	<0.005	0.04	2.9	0.6	0.07	352	0.45	<0.01	0.2	10.1
Q012508		0.44	1.53	0.07	0.2	1.47	0.005	0.17	6.2	4.0	0.17	379	0.66	0.02	1.0	11.7
Q012509		0.51	2.00	0.11	0.4	1.85	0.008	0.22	8.6	4.8	0.22	220	2.04	0.04	1.5	9.5
Q012510		0.13	0.50	0.13	0.1	1.25	<0.005	0.06	2.9	0.8	0.09	302	0.71	<0.01	0.3	2.7
Q012511		3.47	14.65	0.14	2.4	1.09	0.048	1.62	30.6	52.1	0.95	493	2.08	0.29	8.9	42.8
Q012512		2.46	10.85	0.14	1.7	3.93	0.036	1.16	23.9	33.5	1.12	430	2.30	0.21	7.1	33.0
Q012513		3.57	15.30	0.14	2.3	2.94	0.048	1.64	32.0	50.1	1.10	495	2.70	0.30	9.4	44.7
Q012514		0.24	0.91	0.11	0.1	1.61	<0.005	0.11	2.4	2.2	0.77	279	0.49	0.01	0.5	2.9
Q012515		1.59	5.85	0.10	1.0	1.58	0.020	0.71	15.7	17.4	1.78	318	2.31	0.15	4.3	19.5
Q012516		1.26	4.18	0.11	0.7	8.94	0.012	0.49	12.0	9.4	1.90	432	4.40	0.06	3.3	24.5
Q012517		0.28	0.61	0.08	0.1	3.96	<0.005	0.07	1.9	1.4	3.52	382	0.89	0.01	0.4	9.0
Q012518		1.03	2.38	0.08	0.4	7.69	0.006	0.29	6.3	5.5	5.11	384	2.87	0.04	1.7	31.2
Q012519		4.77	5.14	0.06	0.8	25.5	0.013	0.63	11.1	12.0	1.35	825	11.15	0.05	3.0	197.0
Q012520		0.95	2.94	0.06	0.5	5.34	0.010	0.35	7.5	6.4	0.66	288	2.29	0.04	2.1	31.8
Q012521		1.06	4.10	0.08	0.7	7.51	0.012	0.46	10.9	9.3	0.69	374	2.07	0.08	3.0	25.2
Q012522		0.69	1.56	0.07	0.2	3.88	<0.005	0.19	4.3	3.6	0.39	252	1.56	0.02	1.1	26.9
Q012523		3.42	14.80	0.16	2.5	1.65	0.052	1.64	36.9	43.0	1.49	408	3.56	0.39	11.4	47.7
Q012524		3.60	15.65	0.14	2.6	1.84	0.051	1.81	39.1	47.2	1.43	485	3.04	0.45	12.3	47.5
Q012525		2.79	12.30	0.14	2.1	1.30	0.040	1.39	31.5	33.5	1.15	383	2.76	0.34	9.4	37.5
Q012526		4.53	6.29	0.11	1.0	9.77	0.010	0.94	12.8	11.3	0.65	443	13.50	0.05	4.3	169.0
Q012527		3.84	13.05	0.13	2.0	4.69	0.026	1.58	24.5	21.6	0.46	336	17.45	0.05	8.9	120.5
Q012528		9.51	13.85	0.16	2.2	12.3	0.032	2.00	22.0	26.9	0.71	708	28.0	0.05	9.3	405
Q012529		2.67	9.13	0.14	1.3	3.27	0.009	1.13	18.5	13.6	0.41	334	11.50	0.03	5.9	80.1
Q012530		3.29	9.23	0.14	1.5	7.24	0.013	1.15	18.0	13.9	0.39	385	13.45	0.03	6.3	95.9

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method Analyte Units LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
Q012491		190	12.5	6.7	<0.002	0.01	0.58	1.9	1	0.2	99.1	0.07	<0.05	0.9	0.031	0.40
Q012492		170	9.8	4.7	<0.002	<0.01	0.51	1.3	1	<0.2	100.5	<0.05	<0.05	0.6	0.021	0.46
Q012493		100	11.2	2.4	<0.002	<0.01	0.39	0.9	1	<0.2	99.1	<0.05	<0.05	0.3	0.011	0.36
Q012494		80	7.9	1.3	0.002	<0.01	0.30	0.3	<1	<0.2	99.7	<0.05	<0.05	0.2	0.006	0.38
Q012495		170	9.5	1.3	<0.002	<0.01	0.51	0.4	<1	<0.2	98.0	<0.05	<0.05	0.2	0.005	1.38
Q012496		540	7.8	39.3	<0.002	0.05	0.50	7.8	2	0.6	457	0.20	<0.05	3.3	0.111	0.28
Q012497		1350	10.5	45.0	<0.002	0.06	0.71	7.6	2	0.6	290	0.17	<0.05	3.3	0.087	0.33
Q012498		190	1.8	1.7	<0.002	0.02	1.07	3.4	1	<0.2	62.2	<0.05	<0.05	0.3	0.006	0.37
Q012499		140	1.4	1.9	<0.002	0.03	0.95	2.9	1	<0.2	66.7	<0.05	<0.05	0.3	0.008	0.23
Q012500		330	11.6	8.3	<0.002	0.01	2.58	2.0	1	0.2	50.3	0.06	<0.05	1.0	0.028	0.72
Q012501		500	16.8	5.5	<0.002	0.01	4.67	2.2	<1	0.2	42.3	<0.05	<0.05	0.7	0.016	0.87
Q012502		230	9.7	8.1	<0.002	0.02	2.25	2.5	1	0.2	72.8	0.06	<0.05	1.0	0.030	0.63
Q012503		200	7.5	6.0	<0.002	<0.01	1.60	1.7	1	0.2	35.2	<0.05	<0.05	0.7	0.018	0.52
Q012504		240	3.2	1.5	<0.002	<0.01	0.68	1.3	1	<0.2	37.1	<0.05	<0.05	0.4	0.006	0.25
Q012505		270	4.1	1.8	<0.002	0.01	0.89	1.7	<1	<0.2	37.7	<0.05	<0.05	0.4	0.006	0.27
Q012506		290	3.2	1.6	<0.002	<0.01	0.69	1.1	1	<0.2	38.4	<0.05	<0.05	0.4	0.006	0.21
Q012507		170	5.0	1.7	<0.002	<0.01	1.22	1.6	1	<0.2	39.6	<0.05	<0.05	0.3	0.006	0.33
Q012508		240	9.3	8.9	<0.002	<0.01	1.02	2.5	1	0.2	58.9	0.07	<0.05	1.0	0.033	0.36
Q012509		340	14.7	11.1	<0.002	0.02	0.91	2.5	<1	0.3	105.0	0.11	<0.05	1.4	0.049	0.36
Q012510		180	16.4	2.5	0.004	0.03	0.89	1.9	1	<0.2	50.7	<0.05	<0.05	0.4	0.011	0.33
Q012511		840	21.4	92.5	0.002	0.05	1.64	11.6	1	1.6	122.0	0.63	0.05	8.3	0.332	1.15
Q012512		710	45.9	69.2	<0.002	0.04	2.91	9.1	1	1.3	106.0	0.49	0.05	6.5	0.248	1.56
Q012513		920	28.5	93.3	0.003	0.05	2.51	12.3	2	1.8	122.0	0.66	<0.05	8.6	0.357	1.74
Q012514		100	4.7	4.9	<0.002	0.06	0.72	2.0	<1	<0.2	122.5	<0.05	<0.05	0.5	0.018	0.54
Q012515		600	48.5	35.7	<0.002	0.02	3.12	4.7	1	0.7	188.5	0.30	<0.05	4.1	0.128	0.72
Q012516		860	100.0	23.0	<0.002	0.01	6.94	4.3	1	0.6	115.5	0.20	<0.05	2.8	0.097	1.44
Q012517		110	11.3	3.0	<0.002	<0.01	1.06	1.5	1	<0.2	57.4	<0.05	<0.05	0.3	0.012	0.55
Q012518		400	67.6	13.5	0.002	<0.01	4.26	2.1	1	0.3	123.0	0.12	<0.05	1.5	0.052	1.27
Q012519		590	154.5	29.8	<0.002	0.01	7.99	3.8	2	0.6	85.4	0.20	<0.05	3.0	0.094	3.55
Q012520		470	47.7	17.0	<0.002	<0.01	3.01	2.9	1	0.4	117.5	0.14	<0.05	1.9	0.065	1.02
Q012521		550	59.8	23.3	<0.002	0.01	3.08	4.4	1	0.6	100.5	0.20	<0.05	2.8	0.095	1.25
Q012522		280	30.4	9.1	<0.002	<0.01	1.94	1.9	1	0.2	122.0	0.07	<0.05	1.0	0.035	0.74
Q012523		970	27.8	90.3	<0.002	0.05	2.37	11.8	2	1.7	157.0	0.79	<0.05	9.9	0.358	1.13
Q012524		920	28.5	96.3	<0.002	0.04	2.22	12.3	2	1.8	157.5	0.88	0.05	10.8	0.401	1.03
Q012525		790	24.1	75.7	<0.002	0.03	1.92	9.5	2	1.5	186.0	0.63	0.05	8.2	0.302	0.81
Q012526		560	19.2	38.9	0.003	0.03	5.00	5.0	3	0.8	160.0	0.29	<0.05	4.0	0.135	3.93
Q012527		500	21.9	69.3	0.003	0.01	4.92	9.2	4	1.6	150.5	0.59	<0.05	8.5	0.274	5.68
Q012528		670	21.2	81.9	0.003	0.01	6.75	8.9	5	1.6	103.5	0.65	<0.05	9.0	0.285	10.75
Q012529		320	16.9	46.5	0.003	0.01	3.49	7.0	3	1.1	85.1	0.40	<0.05	5.2	0.179	3.82
Q012530		350	21.4	47.5	0.003	0.01	5.35	7.4	3	1.2	87.6	0.42	<0.05	5.9	0.197	4.17

***** See Appendix Page for comments regarding this certificate *****

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q012491		4.1	17	0.4	4.8	160	8.0			
Q012492		4.0	13	0.3	4.0	156	5.6			
Q012493		4.1	10	0.2	3.5	122	3.6			
Q012494		3.2	4	0.1	1.6	144	1.7			
Q012495		3.0	4	0.2	2.2	671	2.1			
Q012496		1.5	31	0.5	14.7	44	32.4			
Q012497		1.6	32	0.4	22.8	55	26.4			
Q012498		5.8	22	0.1	11.8	76	2.6			
Q012499		4.9	21	0.1	10.9	69	3.2			
Q012500		4.5	25	0.3	8.9	144	8.5			
Q012501		5.3	32	0.4	11.9	313	6.7			
Q012502		4.3	26	0.3	10.3	138	8.7			
Q012503		3.8	21	0.2	8.7	105	5.8			
Q012504		5.2	14	0.2	8.6	32	2.4			
Q012505		5.7	15	0.2	9.5	46	2.6			
Q012506		4.5	14	0.1	8.3	32	2.6			
Q012507		4.6	17	0.2	9.2	62	2.5			
Q012508		3.8	25	0.3	11.8	73	9.3			
Q012509		4.8	27	0.5	9.4	71	13.3			
Q012510		5.6	17	0.3	6.9	55	4.0			
Q012511		3.1	135	1.1	18.1	182	80.9			
Q012512		4.4	110	1.3	15.0	196	66.9			
Q012513		3.7	142	1.5	18.8	209	87.2			
Q012514		3.2	13	0.4	4.5	77	5.4			
Q012515		3.8	84	0.7	12.2	345	36.2			
Q012516		8.1	66	1.7	11.5	498	27.3			
Q012517		4.1	16	0.3	4.6	248	3.9			
Q012518		3.6	29	0.9	5.2	546	14.1			
Q012519		4.7	54	1.5	7.5	3610	27.7			
Q012520		6.4	32	1.1	6.7	300	17.5			
Q012521		6.2	48	1.2	9.6	249	23.6			
Q012522		5.7	21	0.6	4.9	241	10.2			
Q012523		4.1	156	1.4	23.9	266	168.5			
Q012524		4.0	157	1.5	22.6	227	97.5			
Q012525		4.2	128	1.1	18.4	187	76.4			
Q012526		5.9	70	1.7	23.9	2220	35.2			
Q012527		11.0	107	3.6	18.0	1140	62.2			
Q012528		11.3	89	6.0	34.7	5360	69.6			
Q012529		8.9	64	2.3	14.7	1010	42.4			
Q012530		9.4	74	3.1	16.1	1130	44.9			

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Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012531		0.20	0.01	0.09	1.27	1340	160	0.60	0.09	31.4	2.76	13.35	17.1	16	2.07	14.1
Q012532		0.22	0.01	0.08	0.52	601	90	0.55	0.07	32.8	2.43	12.60	7.5	8	0.94	7.6
Q012533		0.12	<0.01	0.04	1.37	906	100	0.67	0.07	33.4	1.06	11.40	4.8	15	1.81	8.4
Q012534		0.43	0.01	0.09	0.96	962	250	0.91	0.06	31.3	6.17	14.40	22.1	11	1.45	5.1
Q012535		0.69	<0.01	0.05	0.74	1100	70	0.52	0.04	35.1	1.37	5.80	5.5	9	0.91	8.2
Q012536		0.63	0.01	0.10	0.86	441	8780	0.66	0.05	33.8	2.33	10.70	5.0	10	1.49	6.5
Q012537		0.26	0.01	0.06	0.85	500	220	0.90	0.05	34.9	4.14	10.65	4.7	9	1.02	4.2
Q012538		0.14	0.01	0.06	0.25	657	50	0.25	0.04	35.9	1.94	3.54	11.5	4	0.65	4.5
Q012539		0.15	0.04	0.44	2.31	488	470	0.84	0.11	20.7	2.97	25.8	6.0	31	2.82	22.2
Q012540		0.22	0.05	0.27	1.02	317	200	0.68	0.07	31.9	1.97	14.75	3.4	14	1.43	9.2
Q012541		0.42	0.06	0.26	1.01	359	210	0.71	0.06	32.3	1.83	14.75	3.3	14	1.41	9.8
Q012542		0.20	0.01	0.23	3.71	46	730	1.04	0.17	11.75	1.41	43.7	8.0	44	2.76	28.5
Q012543		0.22	<0.01	0.17	3.28	40	690	0.96	0.15	13.25	1.21	39.1	7.1	37	2.48	23.8
Q012544		0.23	<0.01	0.16	2.04	74	290	0.71	0.11	16.95	0.99	25.1	5.4	25	1.88	14.0
Q012545		0.30	<0.01	0.12	1.10	61	170	0.52	0.06	20.7	0.64	14.95	3.2	14	1.09	8.3
Q012546		0.23	<0.01	0.27	0.35	51	80	0.43	0.03	22.3	0.54	5.76	8.4	4	0.29	3.1
Q012547		0.98	<0.01	0.30	0.47	127	70	0.55	0.02	22.8	0.81	5.12	2.6	5	0.39	3.0
Q012548		0.33	<0.01	0.07	0.38	27	70	0.38	0.03	22.3	0.24	5.08	1.8	4	0.34	3.5
Q012549		0.27	<0.01	0.05	0.07	83	70	0.26	0.01	37.9	0.69	2.73	0.5	3	0.07	1.9
Q012550		0.23	<0.01	0.06	0.06	185	60	0.16	<0.01	37.9	0.74	2.83	0.6	3	0.08	2.1
Q012551		0.32	<0.01	0.07	0.48	166	110	0.31	0.02	36.1	0.78	7.89	1.6	8	0.76	5.0
Q012552		0.36	0.03	0.91	0.45	840	110	0.37	0.03	35.4	1.81	5.74	2.4	7	0.40	3.8
Q012553		0.55	0.03	0.23	0.27	672	80	0.41	0.02	35.6	0.86	3.91	1.8	4	0.34	2.3
Q012554		0.55	0.06	0.71	2.36	869	420	0.85	0.10	25.3	3.32	29.5	7.5	29	3.42	20.6
Q012555		0.15	0.07	0.65	1.99	>10000	660	6.13	0.08	0.95	16.80	45.1	57.2	103	2.38	154.0
Q012556		0.17	0.02	1.19	7.84	6990	740	20.0	0.15	1.39	34.0	67.8	48.7	96	7.44	355
Q012557		0.20	0.06	5.12	3.47	3380	5520	5.23	0.10	0.70	24.4	34.7	10.0	53	3.40	205
Q012558		0.20	0.22	6.02	5.84	>10000	1840	7.83	0.15	1.61	41.2	54.0	26.0	97	3.09	201
Q012559		0.14	0.12	5.29	6.34	>10000	900	17.20	0.08	1.15	85.2	28.6	44.9	72	1.42	348
Q012560		0.30	0.16	36.0	3.37	3650	1010	3.36	0.12	0.66	113.0	40.3	3.0	58	3.15	75.1
Q012561		0.32	0.01	0.13	0.73	2740	110	0.70	0.05	32.4	3.81	8.62	7.6	6	0.92	6.7
Q012562		0.42	0.02	0.88	6.24	>10000	1150	12.00	0.07	3.99	26.8	16.55	45.2	80	2.74	42.9
Q012563		0.22	0.08	1.82	3.45	531	1890	1.15	0.14	10.75	7.99	43.0	9.5	55	4.90	36.9
Q012564		0.22	<0.01	0.48	0.60	461	300	0.50	0.02	30.7	6.29	6.25	3.9	<1	0.43	4.6
Q012565		0.33	<0.01	0.03	0.07	25	60	0.09	0.01	36.6	0.29	1.83	0.5	<1	0.05	3.5
Q012566		0.16	0.07	0.07	0.18	101	30	0.26	0.01	35.1	0.32	2.38	1.5	<1	0.17	2.7
Q012567		0.30	0.01	0.12	0.69	400	120	0.33	0.04	34.6	0.67	9.40	8.4	6	0.86	6.6
Q012568		0.34	0.02	0.13	0.09	451	40	0.16	0.01	28.9	9.04	3.99	24.8	<1	0.07	5.1
Q012569		0.21	0.03	2.15	0.37	990	140	0.54	0.04	33.0	21.0	6.49	5.7	<1	0.61	16.8
Q012570		0.21	<0.01	0.20	0.12	169	130	0.18	0.01	27.0	6.81	2.27	1.6	<1	0.13	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 11-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012531		3.12	3.37	0.08	0.5	3.26	<0.005	0.45	7.5	4.4	0.14	474	13.75	0.02	2.3	107.5
Q012532		1.75	1.50	0.09	0.2	4.45	<0.005	0.22	6.2	1.6	0.57	798	7.14	<0.01	0.8	74.4
Q012533		1.57	3.33	0.11	0.5	0.94	<0.005	0.37	6.3	5.0	0.16	293	5.93	0.01	2.2	57.1
Q012534		3.02	2.52	0.09	0.4	10.20	<0.005	0.40	7.0	3.8	0.37	857	13.00	0.01	1.6	132.5
Q012535		1.35	1.93	0.09	0.3	2.39	<0.005	0.30	3.5	2.1	0.10	455	6.70	0.01	1.4	35.4
Q012536		1.24	2.47	0.11	0.4	4.19	<0.005	0.39	5.2	2.8	1.35	523	5.05	<0.01	1.4	46.0
Q012537		1.16	2.09	0.12	0.4	3.61	<0.005	0.36	5.3	2.6	0.48	685	4.40	<0.01	1.4	44.3
Q012538		2.07	0.65	0.08	0.1	2.71	<0.005	0.08	1.9	1.1	0.11	428	6.20	<0.01	0.4	76.7
Q012539		1.92	5.87	0.13	1.0	16.7	0.006	0.78	14.7	13.8	0.96	346	6.08	0.11	4.5	37.6
Q012540		0.94	2.64	0.12	0.5	17.4	<0.005	0.34	8.6	5.9	0.65	527	3.32	0.07	2.3	22.4
Q012541		0.94	2.55	0.12	0.5	18.5	<0.005	0.33	8.4	5.5	0.33	529	3.70	0.07	2.2	21.6
Q012542		2.57	9.33	0.18	1.6	0.89	0.018	1.23	23.7	30.3	1.66	420	3.51	0.21	7.3	34.0
Q012543		2.27	8.17	0.17	1.4	0.73	0.015	1.11	21.3	25.7	1.66	381	2.88	0.21	6.3	28.7
Q012544		1.39	5.24	0.16	0.9	1.12	0.005	0.66	13.3	15.0	6.16	335	1.37	0.15	4.1	22.4
Q012545		0.79	2.85	0.19	0.6	0.78	<0.005	0.37	7.7	7.9	7.77	208	1.07	0.09	2.5	14.1
Q012546		0.23	0.99	0.29	0.2	1.50	<0.005	0.15	2.8	3.5	10.45	320	0.50	0.03	0.8	10.6
Q012547		0.33	1.33	0.29	0.2	2.08	<0.005	0.22	2.5	2.5	10.45	202	0.97	0.02	1.0	10.1
Q012548		0.26	1.04	0.33	0.2	0.62	<0.005	0.14	2.6	2.4	10.20	124	0.53	0.03	0.8	5.9
Q012549		0.17	0.27	0.21	<0.1	0.78	<0.005	0.02	3.1	0.4	0.16	446	0.23	<0.01	0.1	4.7
Q012550		0.24	0.26	0.22	<0.1	1.03	<0.005	0.02	3.3	0.3	0.07	441	0.33	<0.01	0.1	9.2
Q012551		0.43	1.32	0.17	0.2	1.51	<0.005	0.16	6.2	3.0	0.16	372	0.54	0.02	1.0	10.9
Q012552		0.75	1.06	0.12	0.2	33.1	<0.005	0.13	3.8	1.9	0.10	441	3.75	<0.01	0.7	15.0
Q012553		0.57	0.75	0.13	0.1	13.6	<0.005	0.09	2.8	1.0	0.09	482	2.23	<0.01	0.5	10.0
Q012554		2.05	6.03	0.16	1.2	25.3	0.012	0.77	17.0	12.9	0.43	412	9.28	0.15	5.0	50.6
Q012555		26.0	9.45	0.24	0.4	4.27	0.079	0.34	20.5	4.0	0.08	1090	150.0	0.01	1.2	689
Q012556		17.20	7.71	0.33	1.1	3.39	0.033	0.83	34.5	34.8	0.17	575	76.3	0.06	3.7	871
Q012557		11.95	5.22	0.18	0.7	20.5	0.026	0.66	28.8	8.1	0.12	358	47.2	<0.01	2.7	257
Q012558		12.00	7.68	0.25	1.1	79.2	0.044	0.85	37.0	12.1	0.18	436	73.6	0.03	3.7	312
Q012559		26.8	3.52	0.44	0.6	33.2	0.036	0.29	15.0	6.8	0.10	997	125.5	0.01	1.3	554
Q012560		4.03	6.71	0.16	0.8	>100	0.037	0.80	30.2	8.2	0.12	139	54.3	0.01	3.0	124.5
Q012561		4.08	1.98	0.06	0.3	7.32	0.015	0.21	5.7	3.3	0.15	510	18.05	0.01	1.2	143.0
Q012562		26.2	7.01	0.30	1.5	69.1	0.037	0.36	6.4	8.6	0.14	427	135.5	0.03	1.9	608
Q012563		3.07	8.84	0.15	1.4	17.5	0.034	1.17	27.5	16.8	0.93	455	15.60	0.09	6.6	90.1
Q012564		0.80	1.47	0.11	0.2	6.38	0.010	0.22	2.9	2.0	4.62	750	2.13	0.01	0.9	19.6
Q012565		0.07	0.15	0.13	0.1	0.26	<0.005	<0.01	1.4	0.4	0.18	62	0.23	<0.01	0.1	2.4
Q012566		0.20	0.45	0.14	0.1	4.85	<0.005	0.02	1.4	1.0	2.17	354	0.61	0.01	0.3	7.8
Q012567		0.73	1.68	0.12	0.4	7.63	0.006	0.20	5.4	3.6	0.25	228	5.43	0.02	1.4	58.6
Q012568		1.98	0.28	0.08	0.1	5.11	<0.005	<0.01	2.9	0.6	5.08	781	6.29	0.01	0.1	60.5
Q012569		2.26	1.23	0.08	0.2	13.5	0.006	0.11	3.2	1.5	0.56	318	4.02	<0.01	0.6	181.0
Q012570		0.31	0.38	0.14	0.1	1.47	<0.005	0.01	1.1	0.8	8.40	199	1.30	0.01	0.2	26.6

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q012531		190	12.2	19.0	0.003	<0.01	3.84	4.9	2	0.5	66.3	0.16	<0.05	2.1	0.070	2.08
Q012532		140	4.7	8.7	0.003	0.01	0.88	1.5	2	0.2	69.2	0.06	<0.05	1.0	0.026	2.65
Q012533		140	11.3	15.0	0.002	<0.01	4.31	3.0	1	0.5	44.0	0.15	<0.05	2.1	0.070	1.33
Q012534		200	4.4	16.1	0.003	0.01	1.63	2.4	3	0.3	33.2	0.11	<0.05	1.7	0.049	3.00
Q012535		80	4.8	11.6	0.002	0.02	2.41	4.1	2	0.3	34.4	0.09	<0.05	1.2	0.043	1.09
Q012536		160	2.8	15.3	0.003	0.23	0.70	1.5	2	0.3	92.1	0.10	<0.05	1.4	0.045	2.08
Q012537		210	2.9	13.1	0.003	<0.01	1.18	1.9	1	0.3	45.6	0.10	<0.05	1.5	0.046	1.63
Q012538		100	2.7	3.7	0.005	<0.01	1.43	2.5	1	<0.2	65.5	<0.05	<0.05	0.5	0.012	0.70
Q012539		550	38.3	36.8	0.003	0.04	4.95	5.1	2	0.7	118.5	0.30	<0.05	4.0	0.135	2.52
Q012540		350	34.4	15.5	0.002	0.01	2.70	4.2	1	0.4	75.1	0.15	<0.05	2.1	0.066	1.10
Q012541		360	35.0	15.1	0.002	0.01	2.81	4.0	1	0.4	68.8	0.15	<0.05	2.0	0.065	1.09
Q012542		720	16.6	59.1	0.004	0.05	1.91	7.2	2	1.1	211	0.51	<0.05	7.1	0.211	0.72
Q012543		580	14.8	52.8	0.004	0.03	1.54	6.3	1	1.0	207	0.45	<0.05	6.4	0.186	0.62
Q012544		400	12.6	32.8	0.003	0.02	0.94	4.3	1	0.6	147.0	0.29	<0.05	4.0	0.122	0.64
Q012545		270	9.9	17.9	0.004	0.01	0.70	2.4	1	0.4	141.5	0.17	<0.05	2.2	0.072	0.39
Q012546		80	19.2	6.2	0.003	0.01	0.39	0.8	1	<0.2	208	0.05	<0.05	0.7	0.020	0.87
Q012547		100	30.0	8.7	0.009	0.01	0.83	1.0	1	0.2	148.5	0.06	<0.05	0.9	0.025	0.34
Q012548		110	4.5	6.3	0.004	<0.01	0.30	0.8	1	<0.2	146.0	0.06	<0.05	0.7	0.024	0.18
Q012549		210	5.6	1.0	0.002	0.01	0.60	1.6	<1	<0.2	64.5	<0.05	<0.05	0.2	<0.005	0.12
Q012550		160	7.7	1.0	0.002	0.01	1.16	2.2	1	<0.2	36.7	<0.05	<0.05	0.2	<0.005	0.24
Q012551		250	9.4	8.1	0.002	0.01	1.06	2.5	1	0.2	60.8	0.07	<0.05	1.0	0.030	0.34
Q012552		270	235	4.9	0.003	0.02	7.72	1.5	3	0.2	69.3	0.05	<0.05	0.9	0.023	0.64
Q012553		220	26.9	3.8	0.003	0.02	1.99	1.7	1	<0.2	50.3	<0.05	<0.05	0.5	0.015	0.87
Q012554		810	158.5	35.1	0.003	0.02	6.83	5.8	2	0.8	146.0	0.35	<0.05	4.6	0.148	3.17
Q012555		3660	40.8	13.7	0.006	0.15	116.5	7.2	23	0.8	259	0.09	0.22	10.6	0.040	2.62
Q012556		6450	221	41.9	0.007	0.07	52.4	9.1	19	0.8	842	0.28	0.06	6.1	0.110	1.97
Q012557		3650	526	28.2	0.027	0.27	65.0	3.7	15	0.7	204	0.19	0.13	3.0	0.087	1.64
Q012558		8440	743	35.4	0.025	0.15	131.5	6.9	16	1.0	593	0.24	0.14	5.1	0.112	3.19
Q012559		7490	382	9.2	0.017	0.11	193.5	8.3	19	0.5	362	0.09	0.06	2.3	0.035	3.51
Q012560		3640	3600	32.9	0.057	0.17	325	4.5	12	1.1	221	0.21	0.12	3.4	0.097	4.38
Q012561		370	13.6	8.2	<0.002	0.01	6.65	5.5	1	0.3	45.1	0.08	<0.05	1.1	0.041	1.12
Q012562		>10000	158.5	12.2	0.004	0.04	278	18.0	40	0.5	1470	0.14	<0.05	4.9	0.053	16.50
Q012563		2810	172.5	57.7	0.007	0.12	16.70	6.2	3	1.1	201	0.44	0.07	5.3	0.183	2.61
Q012564		180	54.8	8.6	0.002	<0.01	2.14	1.3	1	0.3	80.6	0.06	<0.05	0.9	0.030	1.34
Q012565		50	2.0	0.7	0.002	<0.01	0.27	0.2	<1	0.2	192.5	<0.05	<0.05	<0.2	<0.005	0.05
Q012566		170	3.7	2.3	0.002	<0.01	0.44	0.4	1	0.2	51.9	<0.05	<0.05	0.3	0.011	0.47
Q012567		350	14.5	9.9	<0.002	0.01	2.02	3.1	<1	0.4	115.5	0.10	<0.05	1.4	0.044	1.51
Q012568		130	28.1	0.9	<0.002	0.01	1.93	0.7	1	<0.2	38.8	<0.05	<0.05	<0.2	0.005	1.37
Q012569		310	138.0	6.0	<0.002	0.01	14.35	1.5	3	0.4	48.3	<0.05	<0.05	0.5	0.019	0.93
Q012570		70	49.1	1.9	<0.002	<0.01	2.05	0.6	<1	0.2	46.0	<0.05	<0.05	0.2	0.006	1.16

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Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q012531		6.1	52	1.2	17.4	1370	18.8			
Q012532		4.1	12	0.5	9.9	1200	8.2			
Q012533		5.7	38	2.2	9.2	482	19.0			
Q012534		6.0	17	0.8	24.8	2650	13.4			
Q012535		8.3	35	0.6	10.8	303	12.3			
Q012536		4.2	13	0.7	10.0	943	12.2			
Q012537		4.6	13	0.8	9.8	624	12.6			
Q012538		3.2	20	0.3	13.1	1140	5.0			
Q012539		4.4	153	1.0	14.1	413	35.0			
Q012540		4.2	55	0.7	14.3	227	18.4			
Q012541		4.4	59	0.7	15.0	210	18.0			
Q012542		3.1	177	0.7	17.4	171	62.2			
Q012543		2.8	145	0.7	15.2	140	50.5			
Q012544		2.6	70	0.6	9.4	129	31.7			
Q012545		2.6	40	0.5	5.6	88	19.8			
Q012546		2.2	7	0.3	2.2	95	5.2			
Q012547		3.4	11	0.6	1.9	107	6.9			
Q012548		2.0	12	0.3	1.9	47	6.5			
Q012549		2.8	14	0.1	9.7	30	2.0			
Q012550		3.2	16	0.1	10.3	63	2.1			
Q012551		3.5	23	0.2	10.7	70	8.9			
Q012552		4.3	20	0.8	5.9	182	6.9			
Q012553		4.1	29	0.5	9.2	116	5.2			
Q012554		6.7	108	1.8	15.1	512	38.9			
Q012555		19.0	3440	2.6	120.0	>10000	15.1	1.170	1.100	
Q012556		51.6	1380	3.1	370	>10000	34.8	1.140		
Q012557		32.3	790	3.9	128.5	6240	24.5			
Q012558		61.0	1180	7.5	152.0	5990	40.2		1.060	
Q012559		102.5	1820	3.6	251	>10000	23.9	1.510	2.01	
Q012560		33.8	855	5.3	128.0	8160	31.6			128.5
Q012561		7.8	53	0.8	12.5	1120	10.5			
Q012562		26.2	658	133.5	239	9730	109.0		1.815	
Q012563		21.4	437	2.4	38.5	1720	51.8			
Q012564		1.8	16	1.0	5.1	431	8.3			
Q012565		0.7	7	0.2	2.2	38	7.9			
Q012566		2.1	10	0.4	1.4	41	3.1			
Q012567		4.9	27	0.8	6.5	91	12.5			
Q012568		2.4	21	0.3	6.3	1360	2.7			
Q012569		1.8	24	1.4	11.3	2390	7.8			
Q012570		1.0	7	0.5	4.8	509	3.5			

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Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012571		0.24	<0.01	0.12	0.08	153	40	0.15	0.02	23.7	2.41	2.63	1.2	<1	0.08	3.8
Q012572		0.31	0.01	0.40	0.29	217	70	0.45	0.02	34.5	2.49	5.29	1.5	<1	0.46	4.1
Q012573		0.26	0.02	0.39	0.93	364	170	0.50	0.04	30.8	6.85	10.75	4.1	5	1.93	10.3
Q012574		0.34	0.01	0.38	1.80	318	220	0.76	0.05	29.9	2.23	18.60	4.0	13	2.11	10.0
Q012575		0.20	0.01	0.36	0.33	3140	80	0.81	0.02	27.8	104.5	3.37	43.3	<1	0.32	108.0
Q012576		0.27	0.03	1.11	5.01	4350	390	2.08	0.15	10.70	6.88	46.6	32.2	49	12.95	42.4
Q012577		0.21	0.02	0.75	0.74	569	310	0.36	0.04	29.6	4.79	10.30	2.8	10	0.69	18.2
Q012578		0.28	0.01	0.32	0.51	552	250	0.36	0.02	32.7	5.81	7.49	3.9	4	0.48	7.0
Q012579		0.18	<0.01	0.18	0.19	111	30	0.22	0.01	24.8	0.60	2.80	4.1	<1	0.16	3.3
Q012580		0.29	0.02	7.66	4.87	1280	640	1.07	0.19	2.60	7.47	58.4	3.0	85	4.38	33.5
Q012581		0.13	0.02	4.42	4.01	3960	520	0.76	0.16	2.51	37.1	48.2	3.7	74	4.30	58.7
Q012582		0.13	0.01	6.47	4.59	7610	370	4.36	0.12	0.91	28.4	51.5	5.6	79	2.52	195.5
Q012583		0.19	<0.01	0.23	0.29	574	90	0.43	0.01	35.6	33.1	6.19	8.0	<1	0.23	4.7
Q012584		0.29	0.02	2.27	1.80	764	390	0.65	0.07	23.3	14.50	21.8	5.7	27	2.01	23.3
Q012585		0.33	0.05	1.07	4.63	2940	430	1.17	0.14	25.0	8.76	38.2	8.4	70	6.34	28.1
Q012586		0.59	<0.01	0.34	0.36	228	50	0.18	0.02	35.3	2.48	5.33	0.7	1	0.42	6.8
Q012587		0.28	<0.01	0.54	0.58	430	110	0.43	0.03	34.2	6.06	7.22	1.1	6	0.59	7.7
Q012588		0.25	<0.01	0.12	0.39	65	80	0.25	0.02	33.9	1.48	8.27	1.1	2	0.72	4.5
Q012589		0.31	0.01	0.58	0.91	644	110	0.42	0.03	34.3	4.33	10.45	1.4	12	1.12	9.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012571		0.29	0.28	0.23	0.1	0.82	<0.005	<0.01	1.3	0.7	11.15	132	0.92	0.01	0.1	15.8
Q012572		0.42	0.79	0.12	0.2	2.38	<0.005	0.07	3.1	1.2	0.61	565	0.84	<0.01	0.4	25.0
Q012573		1.11	2.18	0.11	0.4	3.08	0.006	0.28	5.7	4.8	2.59	401	2.09	0.02	1.3	55.7
Q012574		1.09	3.98	0.13	0.7	4.66	0.015	0.60	9.6	8.0	2.44	338	2.38	0.05	2.8	27.7
Q012575		13.30	0.75	0.11	0.1	15.9	<0.005	0.05	1.8	1.3	0.16	556	50.7	0.01	0.4	328
Q012576		8.72	12.25	0.16	1.7	7.60	0.040	1.82	24.7	30.9	3.37	378	30.7	0.06	6.5	362
Q012577		1.20	1.74	0.09	0.3	5.05	0.011	0.20	7.6	2.5	0.09	456	4.92	<0.01	1.0	38.5
Q012578		1.47	1.15	0.08	0.2	2.18	0.007	0.13	5.8	1.6	0.10	519	6.57	<0.01	0.7	42.1
Q012579		0.28	0.58	0.17	0.1	3.08	<0.005	0.04	1.2	1.1	10.85	188	1.34	0.01	0.4	7.7
Q012580		3.47	13.80	0.16	2.4	14.6	0.037	2.00	34.5	15.9	0.43	109	19.75	0.05	12.8	38.5
Q012581		4.74	11.25	0.15	2.0	17.9	0.046	1.68	32.2	10.3	0.32	142	48.0	0.03	11.9	82.4
Q012582		18.10	8.53	0.23	1.2	4.28	0.124	1.01	27.4	12.6	0.17	230	59.8	0.01	5.9	191.0
Q012583		2.51	0.62	0.09	0.1	6.15	0.009	0.04	6.6	1.0	0.11	464	10.40	0.01	0.4	97.6
Q012584		1.97	4.59	0.11	0.8	10.35	0.024	0.57	14.1	8.4	0.49	382	27.2	0.05	3.3	64.5
Q012585		3.76	12.10	0.13	1.8	39.7	0.046	1.76	23.0	17.2	0.36	258	5.67	0.04	7.2	108.5
Q012586		0.35	1.00	0.10	0.2	2.72	<0.005	0.11	3.9	1.4	0.09	339	0.46	<0.01	0.6	10.8
Q012587		0.61	1.47	0.11	0.3	2.97	<0.005	0.18	4.8	2.3	0.11	441	0.65	<0.01	1.0	17.6
Q012588		0.25	1.06	0.12	0.2	0.79	0.005	0.11	8.2	2.8	0.14	161	0.41	0.01	0.7	5.2
Q012589		0.95	2.46	0.10	0.4	5.01	0.006	0.32	6.7	3.6	0.13	388	0.97	0.01	1.5	30.5

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description / Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012571	50	21.2	1.2	0.002	<0.01	1.25	0.6	<1	0.2	57.8	<0.05	<0.05	<0.2	<0.005	0.25
Q012572	60	37.9	4.1	<0.002	0.01	3.22	3.5	<1	0.2	28.0	<0.05	<0.05	0.5	0.015	0.43
Q012573	220	76.0	13.2	<0.002	<0.01	3.06	2.8	1	0.3	60.7	0.09	<0.05	1.4	0.046	1.61
Q012574	310	44.0	25.5	<0.002	<0.01	2.71	4.2	1	0.6	114.5	0.20	<0.05	2.7	0.104	1.04
Q012575	790	55.3	3.6	0.003	<0.01	2.85	1.9	3	0.2	87.5	<0.05	<0.05	0.4	0.012	0.41
Q012576	680	379	80.6	<0.002	<0.01	21.3	8.1	2	1.5	86.2	0.48	<0.05	7.4	0.230	12.50
Q012577	990	95.3	9.6	0.003	<0.01	11.25	3.6	<1	0.3	104.5	0.07	<0.05	1.1	0.034	0.34
Q012578	1100	34.6	6.0	<0.002	<0.01	2.53	2.4	1	0.2	107.5	0.05	<0.05	0.8	0.025	0.22
Q012579	80	12.5	3.1	<0.002	<0.01	0.46	0.4	<1	0.2	75.5	<0.05	<0.05	0.3	0.012	0.39
Q012580	1300	757	81.1	0.003	0.30	57.3	6.1	4	2.1	129.5	0.80	0.10	9.3	0.279	5.61
Q012581	3130	604	66.2	0.016	0.22	70.6	4.8	13	1.4	112.5	0.79	0.12	6.6	0.242	15.85
Q012582	4870	495	40.9	0.005	0.17	121.0	12.8	16	1.2	194.5	0.39	0.11	6.4	0.141	3.91
Q012583	4220	34.7	3.0	<0.002	<0.01	3.71	2.4	4	0.2	150.5	<0.05	<0.05	0.3	0.011	0.26
Q012584	2630	250	28.6	<0.002	0.05	20.8	4.6	5	0.7	159.0	0.22	<0.05	2.8	0.093	1.92
Q012585	2570	126.5	73.7	<0.002	<0.01	15.95	6.3	2	1.6	137.0	0.49	<0.05	7.5	0.214	3.53
Q012586	320	18.3	5.6	<0.002	<0.01	1.83	1.9	<1	0.3	59.7	<0.05	<0.05	0.8	0.018	0.25
Q012587	380	47.4	8.5	<0.002	<0.01	2.37	3.0	1	0.3	52.5	0.07	<0.05	1.1	0.030	0.36
Q012588	220	8.6	6.6	<0.002	<0.01	0.56	1.3	1	0.2	166.0	0.05	<0.05	0.8	0.021	0.21
Q012589	620	39.8	14.2	<0.002	<0.01	4.03	3.0	1	0.4	67.3	0.10	<0.05	1.7	0.044	0.58

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152702

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Zn- OG62 Zn % 0.001	As- OG62 As % 0.001	Hg- CV42 Hg ppm 0.1
Q012571		1.0	5	0.3	3.0	163	3.6			
Q012572		3.8	27	0.8	11.2	201	6.6			
Q012573		2.9	30	0.9	9.4	876	13.5			
Q012574		4.2	40	1.3	8.9	335	24.3			
Q012575		8.5	332	1.0	42.6	7440	4.0			
Q012576		4.0	137	2.7	14.1	5710	60.4			
Q012577		10.7	196	1.5	15.6	573	10.3			
Q012578		11.2	106	1.0	15.2	820	7.3			
Q012579		1.1	6	0.3	1.7	175	3.1			
Q012580		9.5	551	7.5	21.9	1020	85.6			
Q012581		16.2	715	6.0	16.9	2330	75.2			
Q012582		30.5	450	5.3	111.5	9190	46.7			
Q012583		25.2	57	0.9	34.5	2840	4.5			
Q012584		20.1	238	2.2	21.5	1620	28.1			
Q012585		15.6	113	4.3	24.2	973	61.1			
Q012586		5.4	28	0.6	13.2	97	5.5			
Q012587		8.3	41	0.8	14.9	178	9.3			
Q012588		7.7	25	0.4	14.8	46	6.6			
Q012589		8.1	42	1.1	17.7	266	13.2			

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Finalized Date: 11- SEP- 2013
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CERTIFICATE OF ANALYSIS WH13152702

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca> 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	As- OG62	Au- AA26	Hg- CV41	Hg- CV42
	ME- MS61	ME- OG62	Zn- OG62	

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- SEP- 2013
Account: RCM

CERTIFICATE WH13153665

Project: Nadaleen

P.O. No.: AnEx- 10

This report is for 134 Rock samples submitted to our lab in Whitehorse, YT, Canada on 26- AUG- 2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
As- OG62	Ore Grade As - Four Acid	VARIABLE
Hg- CV42	High Grade Hg - cold vapor/ AA	FIMS
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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ALS Minerals

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Finalized Date: 23- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012590	0.24	0.02	1.62	0.76	195	130	0.78	0.04	26.7	5.93	10.75	2.0	7	0.72	7.0
Q012591	0.37	0.02	0.66	1.51	193	230	0.77	0.06	26.9	3.51	18.05	3.6	18	2.12	12.0
Q012592	0.08	0.01	0.13	3.47	217	150	1.71	0.02	30.1	30.2	4.66	9.4	6	0.40	57.8
Q012593	0.26	0.01	0.22	1.55	76	250	0.64	0.07	26.5	2.50	17.55	4.1	19	1.75	16.6
Q012594	0.30	0.01	0.31	0.53	76	110	0.49	0.03	32.0	7.73	6.13	4.5	6	0.68	15.4
Q012595	0.26	0.02	0.43	0.21	104	60	0.39	0.01	32.0	4.15	3.35	1.3	2	0.25	2.7
Q012596	0.17	<0.01	0.33	0.61	479	90	0.39	0.03	27.7	13.35	7.78	16.3	6	0.60	16.5
Q012597	0.16	<0.01	0.08	0.29	126	80	0.26	0.01	33.8	4.04	2.69	3.8	2	0.14	14.9
Q012598	0.31	<0.01	0.13	0.20	115	170	0.27	0.01	36.2	5.65	2.20	3.5	1	0.16	19.1
Q012599	0.25	<0.01	0.11	0.20	74	90	0.22	0.01	34.8	2.60	1.57	2.2	1	0.14	10.5
Q012600	0.55	0.01	0.11	0.40	231	290	0.55	0.02	29.8	6.46	4.81	1.2	3	0.95	8.2
Q012651	0.29	<0.01	0.37	0.96	1350	290	0.86	0.03	28.9	4.03	10.25	4.7	7	1.14	9.4
Q012652	0.31	<0.01	0.26	1.75	523	250	1.02	0.05	29.8	1.64	12.40	3.3	18	1.53	8.4
Q012653	0.46	<0.01	0.08	0.36	152	60	0.77	0.02	35.8	0.21	4.42	1.0	3	0.36	2.6
Q012654	0.25	<0.01	0.85	7.73	4060	1150	5.37	0.26	3.90	2.37	64.5	25.5	114	33.0	179.5
Q012655	0.19	<0.01	0.11	0.79	305	100	0.69	0.04	28.8	1.57	6.95	2.0	7	0.76	6.8
Q012656	0.30	<0.01	0.32	0.36	47	120	0.21	0.02	34.7	0.73	3.69	0.7	4	0.40	2.4
Q012657	0.28	<0.01	0.14	0.71	201	100	0.74	0.03	29.4	2.92	7.95	1.8	5	1.43	8.0
Q012658	0.31	<0.01	0.11	0.20	29	80	0.27	0.02	30.2	0.44	4.86	0.5	4	0.35	1.7
Q012659	0.27	0.01	0.44	1.26	124	180	0.69	0.08	26.2	1.57	14.70	2.9	16	2.22	7.5
Q012660	0.43	0.03	0.62	0.21	674	50	0.91	0.02	35.0	8.06	2.93	3.3	4	0.36	14.4
Q012661	0.23	1.57	0.21	0.36	565	590	0.45	0.02	28.0	3.53	3.57	17.5	2	0.44	7.4
Q012662	0.17	0.33	0.54	9.43	4660	1080	8.66	0.28	3.68	3.83	48.3	30.5	116	37.6	189.0
Q012663	0.15	1.04	0.75	7.10	3310	1080	4.80	0.25	10.70	3.15	61.5	24.8	84	22.1	109.5
Q012664	0.47	0.09	0.29	1.35	1220	290	1.15	0.04	25.8	5.06	11.25	7.9	10	1.43	12.6
Q012665	0.26	0.18	0.23	0.52	393	250	0.81	0.03	32.9	11.75	6.70	2.8	7	1.15	11.1
Q012666	0.25	0.02	0.18	2.28	1010	160	1.14	0.07	29.5	8.96	15.70	2.6	17	3.26	14.3
Q012667	0.18	1.32	0.12	0.89	1660	80	1.35	0.03	32.3	10.05	6.07	14.1	10	1.31	16.9
Q012668	0.32	0.04	0.24	2.09	2120	350	1.53	0.05	29.8	9.70	13.00	8.0	14	3.82	25.0
Q012669	0.42	0.04	0.31	0.91	1610	980	0.97	0.04	33.2	18.05	9.11	8.5	12	1.36	22.4
Q012670	0.49	0.14	0.38	0.25	385	140	0.57	0.02	36.6	2.76	4.61	3.0	5	0.49	8.5
Q012671	0.15	0.36	11.55	3.76	>10000	460	7.93	0.28	7.05	23.9	38.4	98.4	71	13.50	338
Q012672	0.16	0.02	1.37	7.44	3400	1160	4.92	0.29	9.07	2.96	68.8	29.4	113	30.7	121.5
Q012673	0.29	0.13	13.95	0.47	2750	150	1.17	0.07	29.5	18.10	7.95	13.9	25	1.18	41.1
Q012674	0.22	0.01	0.23	0.54	143	70	0.32	0.03	28.0	2.04	5.06	1.6	6	1.54	7.1
Q012675	0.22	0.01	0.43	0.42	143	120	0.34	0.02	34.9	1.48	4.78	1.8	6	1.30	7.4
Q012676	0.45	0.03	0.40	0.30	182	110	0.34	0.02	35.5	1.93	4.81	2.0	5	0.78	8.3
Q012677	0.52	0.01	0.19	0.40	651	180	0.65	0.02	32.0	9.65	4.81	3.4	4	0.81	12.5
Q012678	0.40	0.03	2.31	0.62	568	210	0.64	0.06	31.3	3.95	9.68	3.9	25	1.19	15.2
Q012679	0.20	0.02	0.64	5.76	1310	580	2.72	0.21	16.15	1.85	48.9	14.1	64	17.15	53.8

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012590		0.49	2.17	0.17	0.4	8.87	0.009	0.30	5.4	4.2	6.56	423	1.11	0.02	1.7	9.3
Q012591		0.98	3.68	0.18	0.7	2.67	0.010	0.51	9.9	8.6	4.10	419	1.41	0.08	3.2	19.7
Q012592		1.40	1.01	0.17	0.2	0.27	0.006	0.11	2.4	2.8	0.20	525	2.84	0.02	0.7	72.8
Q012593		1.15	3.92	0.15	0.8	2.07	0.015	0.49	9.4	11.3	2.12	326	1.19	0.12	3.0	20.8
Q012594		0.85	1.19	0.12	0.2	0.31	<0.005	0.14	4.0	3.0	0.29	219	2.01	0.03	1.0	29.0
Q012595		0.29	0.50	0.12	0.1	1.46	<0.005	0.09	1.6	1.0	1.54	159	0.52	0.01	0.3	8.3
Q012596		3.53	1.47	0.16	0.3	1.00	0.006	0.21	3.8	2.5	3.63	640	4.42	0.02	0.9	66.6
Q012597		0.62	0.46	0.09	0.1	0.17	<0.005	0.07	1.3	0.6	0.23	98	1.27	<0.01	0.3	18.2
Q012598		0.56	0.34	0.11	0.1	0.32	<0.005	0.05	0.9	0.5	0.18	110	1.08	<0.01	0.2	14.1
Q012599		0.37	0.39	0.13	0.1	0.52	<0.005	0.06	0.7	0.5	0.37	65	1.96	<0.01	0.2	9.8
Q012600		0.37	1.10	0.08	0.2	0.16	0.006	0.15	2.5	2.1	3.92	280	0.27	0.01	0.6	25.4
Q012651		1.49	2.97	0.09	0.4	1.06	0.008	0.45	4.8	4.2	3.16	1600	1.43	0.01	1.4	28.7
Q012652		0.91	4.24	0.12	0.7	1.26	0.012	0.67	6.5	7.8	0.85	484	1.14	0.02	2.8	21.7
Q012653		0.26	1.04	0.08	0.2	0.96	0.005	0.13	2.3	1.7	0.74	469	0.32	0.01	0.7	3.8
Q012654		7.78	20.3	0.14	2.8	0.62	0.067	2.51	36.3	58.9	0.72	429	10.80	0.11	11.7	443
Q012655		0.48	2.27	0.06	0.4	0.41	0.007	0.35	3.6	3.4	5.79	318	0.38	0.01	1.4	10.8
Q012656		0.18	0.92	0.10	0.1	0.51	<0.005	0.11	2.0	2.0	0.20	103	0.28	0.01	0.6	3.2
Q012657		0.56	2.24	0.11	0.3	0.29	0.006	0.29	3.8	3.8	5.30	243	1.01	0.02	1.1	11.5
Q012658		0.13	0.60	0.14	0.1	0.33	0.005	0.07	3.7	1.6	5.30	72	0.33	0.01	0.4	2.1
Q012659		0.78	3.12	0.14	0.5	0.73	0.031	0.41	8.2	7.6	7.93	222	0.94	0.07	2.4	12.5
Q012660		0.73	0.69	0.09	0.1	1.18	<0.005	0.08	1.7	1.3	0.41	625	0.58	<0.01	0.3	25.7
Q012661		0.97	1.07	0.08	0.1	16.0	<0.005	0.12	2.3	2.4	6.29	5170	2.14	0.01	0.4	41.5
Q012662		8.13	22.3	0.17	3.1	1.21	0.061	2.80	24.3	67.0	1.27	836	7.97	0.09	10.0	586
Q012663		6.42	17.55	0.15	2.6	3.66	0.046	2.18	39.1	45.1	2.25	504	7.97	0.07	10.0	521
Q012664		1.58	3.87	0.08	0.5	2.96	0.008	0.62	5.5	6.6	6.88	2100	1.83	0.02	1.8	31.6
Q012665		0.67	1.37	0.06	0.2	1.41	0.007	0.19	3.6	3.0	1.95	393	0.49	0.01	0.7	39.0
Q012666		1.38	6.65	0.09	1.0	2.00	0.013	1.07	8.0	10.1	3.18	851	1.04	0.02	3.0	36.3
Q012667		1.99	2.20	0.05	0.3	4.36	0.011	0.32	3.0	4.0	1.31	363	0.96	0.01	1.1	110.5
Q012668		2.56	6.13	0.07	0.7	3.29	0.013	0.99	6.8	7.7	1.16	2380	2.90	0.01	2.7	50.1
Q012669		1.96	2.48	<0.05	0.5	1.54	0.008	0.32	6.5	3.2	0.41	1280	1.21	<0.01	1.7	95.2
Q012670		0.53	0.73	0.06	0.1	1.98	0.005	0.07	3.2	1.2	0.22	1700	0.29	<0.01	0.3	25.5
Q012671		27.2	10.80	0.33	1.7	48.7	0.086	1.29	18.3	21.6	0.60	611	81.8	0.05	4.1	433
Q012672		7.08	18.50	0.11	2.9	2.47	0.059	2.19	45.2	44.8	0.96	326	8.57	0.06	10.7	480
Q012673		4.66	1.55	0.06	0.2	35.3	0.020	0.16	2.8	2.5	1.61	563	9.18	0.01	0.6	80.8
Q012674		0.35	1.51	0.07	0.2	0.36	<0.005	0.20	2.6	3.5	6.96	140	0.32	0.01	0.7	16.7
Q012675		0.37	1.11	0.07	0.1	0.85	0.006	0.14	2.3	2.7	0.73	73	0.52	0.01	0.4	16.9
Q012676		0.45	0.85	0.07	0.1	1.02	<0.005	0.10	2.4	1.7	0.94	88	0.50	0.01	0.3	15.6
Q012677		0.83	1.09	0.06	0.2	0.54	<0.005	0.16	2.4	1.7	2.13	944	0.65	0.01	0.6	35.8
Q012678		1.15	1.67	0.05	0.3	4.68	0.010	0.24	3.8	2.6	3.44	150	1.18	0.01	0.8	35.8
Q012679		3.34	14.80	0.12	2.2	2.34	0.038	2.08	25.9	36.2	2.96	341	3.01	0.07	8.1	169.5

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012590		270	266	13.3	<0.002	0.01	10.50	1.6	3	0.3	124.5	0.09	0.10	1.3	0.043	0.39
Q012591		310	57.7	24.3	<0.002	0.01	2.10	3.6	2	0.5	101.5	0.22	<0.05	2.7	0.099	0.70
Q012592		520	17.0	5.9	<0.002	0.01	3.85	1.7	3	<0.2	32.7	0.05	<0.05	0.7	0.021	0.15
Q012593		360	28.0	25.9	<0.002	0.02	1.09	3.6	2	0.5	165.5	0.20	<0.05	2.8	0.090	0.41
Q012594		420	33.5	7.5	0.002	0.01	1.70	1.9	1	0.2	165.5	0.06	0.08	0.9	0.028	0.11
Q012595		70	32.9	3.6	<0.002	<0.01	1.30	0.5	2	<0.2	172.0	<0.05	<0.05	0.5	0.010	0.12
Q012596		210	36.7	9.5	<0.002	<0.01	1.36	1.7	2	0.2	61.9	0.06	0.09	0.9	0.028	0.22
Q012597		110	6.9	2.7	<0.002	<0.01	0.65	0.4	<1	<0.2	244	<0.05	<0.05	0.3	0.009	0.05
Q012598		80	7.9	2.1	<0.002	0.01	0.73	0.4	2	<0.2	192.0	<0.05	0.05	0.2	0.006	0.05
Q012599		70	3.4	2.5	0.003	0.01	0.28	0.3	2	<0.2	206	<0.05	<0.05	0.2	0.006	0.05
Q012600		340	8.1	6.9	<0.002	<0.01	0.56	1.6	<1	<0.2	87.2	<0.05	<0.05	0.6	0.017	0.48
Q012651		520	8.9	19.2	<0.002	<0.01	1.35	2.5	3	0.3	118.0	0.09	<0.05	1.5	0.044	1.26
Q012652		240	15.3	25.2	0.002	0.01	1.39	5.2	1	0.6	74.0	0.18	<0.05	2.7	0.090	0.68
Q012653		80	3.8	5.7	0.002	0.04	0.61	3.5	1	<0.2	51.4	<0.05	<0.05	0.6	0.020	0.82
Q012654		2340	154.0	121.0	0.002	0.04	12.05	15.5	5	2.3	197.0	0.78	0.05	10.5	0.327	4.51
Q012655		220	16.4	13.6	<0.002	<0.01	1.20	1.8	2	0.3	82.6	0.09	<0.05	1.3	0.044	0.22
Q012656		60	25.4	5.0	<0.002	0.01	0.81	1.0	<1	<0.2	102.0	<0.05	<0.05	0.5	0.018	0.06
Q012657		280	24.6	13.2	<0.002	<0.01	3.25	5.2	2	0.3	103.5	0.07	<0.05	1.1	0.031	0.30
Q012658		120	4.8	3.2	<0.002	<0.01	0.75	0.6	<1	0.2	184.5	<0.05	<0.05	0.4	0.011	0.05
Q012659		240	55.4	20.2	<0.002	0.02	4.54	2.4	1	0.5	203	0.18	<0.05	2.3	0.070	0.37
Q012660		260	24.4	3.4	<0.002	0.04	1.43	1.2	1	<0.2	59.3	<0.05	<0.05	0.3	0.010	0.70
Q012661		190	8.5	5.3	<0.002	<0.01	0.80	1.4	3	<0.2	104.0	<0.05	<0.05	0.7	0.014	28.7
Q012662		1370	142.0	98.6	<0.002	0.03	12.55	18.8	3	2.4	151.5	0.67	0.12	9.2	0.288	7.28
Q012663		2210	109.5	116.5	<0.002	0.04	12.00	14.7	2	1.9	307	0.65	<0.05	10.2	0.280	4.91
Q012664		370	8.0	25.3	<0.002	<0.01	1.36	3.2	2	0.3	147.0	0.12	<0.05	1.8	0.059	3.43
Q012665		270	13.6	8.2	<0.002	0.01	1.14	3.0	1	0.2	124.5	0.05	<0.05	0.8	0.023	8.70
Q012666		560	12.3	43.5	<0.002	<0.01	1.61	4.6	3	0.6	74.2	0.19	<0.05	2.9	0.096	4.81
Q012667		430	19.9	13.8	<0.002	<0.01	2.46	4.0	2	0.3	105.0	0.07	<0.05	1.2	0.036	1.32
Q012668		440	19.2	41.6	<0.002	<0.01	2.01	5.0	2	0.7	72.1	0.17	<0.05	2.5	0.081	4.66
Q012669		570	22.7	14.7	<0.002	0.02	3.23	5.5	1	0.3	114.5	0.11	<0.05	1.5	0.049	6.54
Q012670		140	15.7	3.5	<0.002	0.03	1.02	3.9	1	<0.2	127.5	<0.05	<0.05	0.5	0.009	1.33
Q012671		920	359	68.1	0.002	0.02	31.1	15.1	56	1.6	84.2	0.29	0.17	4.8	0.120	6.38
Q012672		1490	146.5	130.5	0.002	0.03	14.00	17.6	3	2.2	261	0.71	0.21	10.4	0.264	4.92
Q012673		280	195.5	8.4	<0.002	<0.01	6.88	2.4	13	0.4	136.5	<0.05	0.07	0.6	0.015	0.52
Q012674		120	6.2	10.0	<0.002	<0.01	0.38	2.2	<1	0.2	150.0	<0.05	<0.05	0.8	0.020	0.29
Q012675		70	7.4	7.5	<0.002	0.01	0.37	1.1	2	<0.2	332	<0.05	0.08	0.5	0.013	0.20
Q012676		80	17.4	5.4	<0.002	0.01	0.57	1.0	2	<0.2	376	<0.05	<0.05	0.4	0.011	0.15
Q012677		300	21.3	6.8	<0.002	<0.01	1.29	2.5	<1	0.2	87.7	<0.05	0.11	0.7	0.018	0.73
Q012678		330	61.1	9.9	<0.002	<0.01	1.88	2.0	<1	0.5	242	0.05	<0.05	0.9	0.027	0.26
Q012679		700	43.4	107.0	<0.002	0.01	3.78	9.5	2	1.8	207	0.53	0.14	8.8	0.250	2.69

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Finalized Date: 23- SEP- 2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001	Hg- CV42 Hg ppm 0.1
Q012590		5.2	25	1.7	4.9	388	14.3		
Q012591		2.9	48	1.5	8.9	279	25.7		
Q012592		2.4	48	0.9	73.0	894	8.2		
Q012593		2.6	52	0.6	10.6	141	27.1		
Q012594		5.7	26	0.4	11.2	274	8.8		
Q012595		1.7	5	0.7	2.3	156	4.3		
Q012596		1.7	24	0.8	24.5	1220	8.8		
Q012597		2.1	6	0.4	10.6	355	3.1		
Q012598		2.4	6	0.3	11.1	284	2.8		
Q012599		1.7	5	0.3	5.8	196	1.9		
Q012600		2.5	13	0.7	11.9	373	8.0		
Q012651		2.9	36	2.6	8.5	385	16.5		
Q012652		8.6	45	1.5	6.3	256	24.0		
Q012653		3.2	25	0.7	7.9	27	6.2		
Q012654		11.2	365	7.3	64.6	1890	107.5		
Q012655		4.5	26	0.9	4.7	182	12.5		
Q012656		0.6	8	0.5	3.7	50	5.4		
Q012657		2.4	27	1.0	8.8	146	9.8		
Q012658		1.0	6	0.3	8.0	72	4.1		
Q012659		2.2	29	1.1	7.9	216	20.5		
Q012660		4.9	36	0.9	13.3	337	5.5		
Q012661		3.1	31	1.2	7.0	217	5.5		
Q012662		7.5	420	9.7	46.6	2470	117.0		
Q012663		11.4	315	11.0	61.7	1830	96.8		
Q012664		1.8	40	2.5	10.0	441	15.9		
Q012665		2.7	28	1.1	20.1	470	8.1		
Q012666		2.3	54	2.7	14.2	550	25.3		
Q012667		3.5	47	1.7	25.3	493	15.2		
Q012668		2.4	65	3.5	18.6	615	24.3		
Q012669		4.1	53	3.9	35.8	736	16.5		
Q012670		5.1	34	0.9	10.0	98	4.2		
Q012671		5.0	556	7.6	55.2	3040	75.9	1.670	
Q012672		7.1	402	9.8	58.4	1870	108.0		
Q012673		1.7	94	1.9	16.0	971	11.2		
Q012674		1.5	22	0.5	5.5	91	7.5		
Q012675		1.1	23	0.3	4.2	138	5.3		
Q012676		1.1	19	0.4	4.6	111	4.1		
Q012677		2.2	23	1.3	15.5	540	9.1		
Q012678		2.9	54	1.5	7.1	336	9.6		
Q012679		4.8	187	4.3	20.1	882	72.9		

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012680		0.09	0.01	0.71	6.11	1590	700	3.00	0.21	17.50	6.04	54.7	19.1	77	22.1	62.0
Q012681		0.26	<0.01	0.06	0.26	1190	70	0.10	0.01	1.17	0.61	1.42	1.2	8	0.40	3.3
Q012682		0.30	<0.01	0.18	0.12	114	30	0.07	0.01	19.75	0.22	3.41	0.3	6	0.16	1.6
Q012683		0.31	0.01	0.11	0.17	2410	90	0.12	0.01	0.75	1.16	1.13	3.8	10	0.19	2.5
Q012684		0.19	<0.01	0.06	0.20	789	50	0.07	0.01	0.85	0.41	0.99	1.0	13	0.22	2.1
Q012685		0.33	0.01	0.17	0.17	1260	100	0.07	0.01	0.99	0.98	1.31	2.0	13	0.18	2.3
Q012686		0.34	<0.01	0.05	0.19	682	50	0.06	<0.01	1.87	0.40	0.91	0.7	14	0.20	3.0
Q012687		0.22	0.01	0.34	6.08	1800	700	2.94	0.19	16.00	1.40	55.9	15.9	69	21.4	64.4
Q012688		0.28	0.01	0.04	0.22	68	70	0.46	0.01	33.9	0.36	3.28	0.8	7	0.63	5.0
Q012689		0.32	0.01	0.02	0.07	42	70	0.30	0.01	35.8	0.29	2.02	0.6	22	0.20	2.4
Q012690		0.21	0.18	0.11	0.44	287	70	0.43	0.02	23.1	1.18	4.34	2.5	8	1.41	7.7
Q012691		0.26	0.33	1.99	6.90	2760	1750	4.41	0.22	9.10	3.72	64.7	26.9	95	22.5	119.5
Q012692		0.47	0.01	0.09	0.33	117	60	0.25	0.01	22.1	1.49	3.18	1.1	6	0.54	4.5
Q012693		0.44	0.17	0.28	1.12	701	320	0.84	0.03	30.3	21.2	10.10	6.2	13	2.04	14.0
Q012694		0.29	0.01	0.18	0.56	195	340	0.56	0.02	32.5	5.35	5.24	1.2	10	0.64	6.4
Q012695		0.18	0.08	0.68	1.43	612	880	1.31	0.05	25.1	6.92	9.42	3.6	19	1.60	15.3
Q012696		0.38	0.01	0.15	0.43	348	80	0.56	0.02	27.2	2.03	5.42	1.6	7	0.80	7.3
Q012697		0.25	0.01	0.17	1.96	148	260	0.77	0.07	21.4	0.84	20.7	4.4	23	2.73	15.6
Q012698		0.38	0.05	0.47	0.28	5300	90	0.14	0.01	0.96	3.32	4.03	20.4	19	0.43	4.3
Q012699		0.27	0.05	0.33	0.31	4070	70	0.16	0.01	0.67	2.63	3.95	9.8	19	0.51	3.7
Q012700		0.30	0.01	0.03	0.03	64	30	0.09	0.01	34.4	0.36	1.45	0.4	5	0.05	1.0
Q012701		0.15	0.02	0.13	1.22	1170	170	0.87	0.04	31.9	2.90	11.75	8.2	24	3.93	20.3
Q012702		0.15	0.01	0.04	0.25	354	60	0.27	0.01	35.9	1.67	3.77	2.0	11	0.69	4.7
Q012703		0.19	<0.01	0.01	0.05	95	60	0.07	0.01	34.9	0.62	1.12	1.3	4	0.17	1.7
Q012704		0.28	<0.01	0.03	0.18	189	50	0.17	0.01	35.9	2.22	3.78	1.9	7	0.43	3.3
Q012705		0.48	<0.01	0.02	0.04	13	40	0.11	0.01	35.4	0.45	0.94	0.3	3	0.06	1.1
Q012706		0.64	0.02	0.08	0.15	895	80	0.06	0.01	19.50	0.41	4.32	1.1	7	0.17	2.0
Q012707		0.25	0.40	0.34	0.64	5810	120	0.32	0.04	25.7	8.89	18.65	5.4	28	0.92	8.1
Q012708		0.15	0.10	0.53	0.86	2380	210	0.49	0.07	32.3	5.16	28.4	2.9	63	1.30	7.2
Q012709		0.28	0.02	0.18	0.15	610	50	0.14	0.01	28.9	1.17	3.07	1.4	7	0.34	4.1
Q012710		0.20	0.01	0.03	0.05	672	50	0.15	0.05	36.2	2.89	2.00	7.1	6	0.19	2.6
Q012711		0.09	0.03	0.09	0.34	255	50	0.18	0.01	17.75	0.65	4.30	1.2	12	0.73	6.6
Q012712		0.20	0.01	0.02	0.09	1740	60	0.13	<0.01	34.3	1.65	2.17	6.8	6	0.21	3.4
Q012713		0.14	0.02	0.05	0.13	3260	70	0.20	0.01	33.7	3.37	3.05	19.6	9	0.34	5.0
Q012714		0.37	0.01	0.03	0.08	2160	50	0.15	<0.01	33.7	2.02	1.63	10.7	4	0.21	1.6
Q012715		0.32	0.01	0.03	0.02	2160	40	0.11	<0.01	35.5	1.14	1.43	1.9	4	0.07	1.4
Q012716		0.14	0.03	0.10	0.04	5220	50	0.15	0.01	33.8	2.80	2.15	6.0	7	0.10	3.0
Q012717		0.37	0.01	0.52	0.08	205	40	0.09	0.02	24.8	0.17	3.22	0.2	9	0.12	1.8
Q012718		0.26	0.03	0.07	0.27	320	40	0.16	0.01	11.90	0.75	2.66	1.3	11	0.43	3.4
Q012719		0.31	0.13	0.91	5.99	6150	930	6.19	0.20	12.35	2.35	50.4	24.1	97	25.1	95.8

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CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012680		3.62	15.95	0.15	2.2	1.30	0.049	1.90	33.8	39.0	1.03	291	3.28	0.06	8.6	284
Q012681		0.54	0.38	0.05	<0.1	2.14	<0.005	0.05	1.2	18.4	0.04	78	0.48	<0.01	0.1	7.0
Q012682		0.11	0.19	0.05	0.1	1.47	<0.005	0.02	2.8	10.8	0.05	221	0.08	<0.01	0.1	1.2
Q012683		0.66	0.47	0.07	<0.1	5.58	<0.005	0.02	1.3	18.7	0.03	66	0.77	<0.01	0.1	6.2
Q012684		0.74	0.30	0.05	<0.1	3.47	<0.005	0.02	1.0	23.2	0.02	99	0.50	<0.01	0.1	5.3
Q012685		0.56	0.54	<0.05	<0.1	4.89	<0.005	0.02	1.6	23.7	0.04	71	0.41	<0.01	0.1	3.4
Q012686		0.62	0.24	<0.05	<0.1	3.57	<0.005	0.02	1.0	17.7	0.02	93	0.39	<0.01	0.1	4.0
Q012687		4.22	14.45	0.14	2.4	1.61	0.048	1.88	35.7	45.6	0.49	481	4.27	0.08	8.1	274
Q012688		0.23	0.55	0.07	0.1	0.13	0.006	0.07	3.0	1.8	0.11	505	0.21	0.01	0.3	8.9
Q012689		0.12	0.19	0.07	<0.1	0.09	<0.005	0.02	2.6	0.7	0.08	623	0.49	<0.01	0.1	10.2
Q012690		0.62	1.22	0.09	0.2	0.30	0.005	0.15	2.5	3.0	9.76	125	0.33	0.01	0.5	48.3
Q012691		5.91	13.70	0.19	2.8	3.02	0.051	1.71	47.1	42.5	0.51	483	11.05	0.06	11.1	448
Q012692		0.27	0.81	0.08	0.1	0.22	<0.005	0.13	1.6	2.2	10.25	168	0.25	0.02	0.4	7.3
Q012693		1.00	2.73	0.08	0.5	2.19	0.008	0.44	5.0	5.8	2.36	590	0.62	0.01	1.5	51.0
Q012694		0.38	1.29	0.09	0.3	0.26	<0.005	0.20	2.7	2.6	1.62	252	0.23	0.01	1.0	15.3
Q012695		1.63	3.82	0.10	0.8	3.33	0.008	0.65	4.4	7.9	4.71	948	4.05	0.02	2.2	40.5
Q012696		0.56	1.12	0.08	0.2	0.51	0.005	0.17	2.8	2.8	6.43	684	0.50	0.01	0.6	13.2
Q012697		1.33	4.54	0.10	0.9	0.55	0.015	0.63	10.8	13.2	5.93	303	1.26	0.11	3.3	27.7
Q012698		2.63	0.85	0.09	0.1	9.80	0.006	0.05	4.8	34.6	0.10	115	3.46	0.01	0.3	30.5
Q012699		2.41	1.18	0.08	0.1	6.84	<0.005	0.06	4.4	44.1	0.07	131	2.42	0.01	0.3	30.0
Q012700		0.07	0.08	0.06	<0.1	0.22	<0.005	0.01	1.7	1.7	0.10	131	0.26	<0.01	0.1	1.8
Q012701		2.26	2.86	0.08	0.5	0.31	0.009	0.32	9.1	8.2	0.21	134	1.63	0.03	1.6	122.0
Q012702		0.59	0.69	0.06	0.1	0.11	<0.005	0.08	5.8	1.9	0.16	62	0.60	0.01	0.4	23.0
Q012703		0.12	0.16	0.06	<0.1	0.04	<0.005	0.01	1.9	0.7	0.18	43	0.21	0.01	0.1	3.8
Q012704		0.32	0.54	0.08	0.1	0.06	<0.005	0.06	8.2	1.5	0.15	84	0.33	0.01	0.3	13.6
Q012705		0.03	0.12	0.06	<0.1	0.11	<0.005	0.01	1.5	0.5	0.13	60	0.12	0.01	0.1	1.5
Q012706		0.12	0.31	0.09	<0.1	1.10	<0.005	0.04	4.2	16.2	0.09	100	0.45	<0.01	0.2	3.7
Q012707		1.03	2.18	0.10	0.3	2.97	0.009	0.22	26.9	11.2	0.18	199	5.33	0.03	1.2	23.8
Q012708		0.90	3.47	0.17	0.5	3.89	0.009	0.37	53.0	16.4	0.24	131	0.82	0.03	1.7	10.5
Q012709		0.64	0.36	0.06	0.1	0.46	<0.005	0.04	3.2	11.4	0.12	194	0.80	0.01	0.2	31.0
Q012710		0.57	0.20	0.06	<0.1	0.12	<0.005	0.02	3.9	0.7	0.15	63	0.51	<0.01	0.1	19.1
Q012711		0.63	0.72	0.06	0.1	0.33	<0.005	0.09	4.1	16.3	0.07	161	0.49	0.01	0.4	19.2
Q012712		1.15	0.27	0.06	<0.1	0.24	<0.005	0.03	3.8	0.8	0.12	110	1.20	0.01	0.2	23.9
Q012713		2.15	0.39	0.06	0.1	0.81	<0.005	0.04	5.6	1.2	0.13	119	2.19	0.01	0.2	58.9
Q012714		1.34	0.24	0.05	<0.1	0.65	<0.005	0.02	2.8	0.7	0.13	73	1.54	0.01	0.2	48.4
Q012715		0.45	0.09	0.05	<0.1	0.10	<0.005	0.01	2.4	0.6	0.09	100	0.74	<0.01	<0.1	6.5
Q012716		1.22	0.17	0.06	<0.1	0.29	<0.005	0.01	3.4	1.4	0.11	127	1.85	0.01	0.1	21.0
Q012717		0.11	0.19	0.06	<0.1	2.03	<0.005	0.01	2.8	10.0	0.06	277	0.08	<0.01	0.1	0.7
Q012718		0.56	0.47	0.05	0.1	0.26	<0.005	0.05	2.1	18.5	0.05	116	0.37	0.01	0.3	18.0
Q012719		9.60	13.70	0.14	2.3	2.75	0.042	1.57	37.1	45.9	0.64	575	5.45	0.05	7.2	643

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Sample Description	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q012680	1130	64.8	114.0	<0.002	0.01	6.08	12.7	3	3.2	188.0	0.54	0.05	8.4	0.214	3.24
Q012681	240	2.7	2.6	<0.002	0.01	0.38	0.3	<1	0.2	28.7	<0.05	<0.05	0.2	0.005	0.47
Q012682	270	4.3	0.9	<0.002	0.01	<0.05	0.7	<1	<0.2	93.0	<0.05	<0.05	0.2	<0.005	0.05
Q012683	370	1.7	1.2	<0.002	0.01	0.57	0.1	<1	0.2	37.4	<0.05	<0.05	<0.2	<0.005	1.01
Q012684	280	1.9	1.5	<0.002	0.01	0.29	0.1	<1	<0.2	22.3	<0.05	<0.05	<0.2	<0.005	0.42
Q012685	530	2.4	1.2	<0.002	0.01	0.22	0.1	1	0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.93
Q012686	260	1.4	1.4	<0.002	0.01	0.21	0.1	<1	<0.2	25.1	<0.05	<0.05	<0.2	<0.005	0.27
Q012687	940	50.5	94.8	<0.002	0.01	7.34	12.8	2	1.8	161.5	0.57	0.06	8.2	0.241	3.22
Q012688	90	3.4	3.3	<0.002	<0.01	0.44	3.3	1	<0.2	99.9	<0.05	<0.05	0.3	0.010	0.10
Q012689	70	1.4	0.9	<0.002	<0.01	0.24	3.0	<1	<0.2	95.5	<0.05	<0.05	<0.2	<0.005	0.04
Q012690	170	6.2	6.4	<0.002	<0.01	1.83	2.1	1	0.3	115.0	<0.05	<0.05	0.6	0.016	0.23
Q012691	2460	133.0	88.1	0.003	0.08	12.25	23.6	6	1.8	425	0.73	0.12	9.4	0.276	6.45
Q012692	190	3.8	5.0	<0.002	<0.01	0.35	1.1	1	<0.2	123.5	<0.05	<0.05	0.4	0.014	0.15
Q012693	360	13.9	15.7	<0.002	<0.01	2.20	5.1	1	0.3	98.5	0.09	<0.05	1.6	0.051	2.43
Q012694	220	8.4	7.5	<0.002	<0.01	0.90	2.6	1	0.2	156.5	0.06	<0.05	0.9	0.029	0.29
Q012695	380	16.6	24.1	<0.002	0.02	1.86	3.8	3	0.5	140.5	0.14	<0.05	2.1	0.070	1.03
Q012696	170	10.8	6.8	<0.002	<0.01	0.68	1.6	1	0.3	153.0	<0.05	<0.05	0.6	0.019	0.43
Q012697	350	12.8	29.1	<0.002	<0.01	0.99	3.8	1	0.6	150.5	0.23	<0.05	2.9	0.108	0.56
Q012698	1310	12.5	2.3	<0.002	0.05	1.74	0.3	10	0.5	32.1	<0.05	<0.05	0.5	0.010	4.36
Q012699	1280	8.7	2.7	<0.002	0.04	1.36	0.4	5	0.3	27.0	<0.05	<0.05	0.5	0.010	3.15
Q012700	140	1.1	0.4	<0.002	<0.01	0.20	0.3	1	<0.2	130.0	<0.05	<0.05	<0.2	<0.005	0.05
Q012701	880	8.1	18.7	<0.002	<0.01	3.84	3.7	1	0.4	156.5	0.11	<0.05	1.8	0.050	0.62
Q012702	930	2.0	4.1	<0.002	0.01	0.93	1.2	1	<0.2	138.5	<0.05	<0.05	0.4	0.012	0.10
Q012703	120	0.5	0.7	0.002	<0.01	0.22	0.5	1	<0.2	187.0	<0.05	<0.05	<0.2	<0.005	0.03
Q012704	730	1.5	2.9	<0.002	0.01	0.56	1.1	1	<0.2	150.0	<0.05	<0.05	0.3	0.009	0.09
Q012705	680	0.8	0.6	<0.002	0.01	0.13	0.2	<1	<0.2	134.5	<0.05	<0.05	<0.2	<0.005	0.02
Q012706	2340	3.7	1.6	0.002	<0.01	0.22	0.2	1	<0.2	125.5	<0.05	<0.05	0.5	0.008	0.19
Q012707	1660	11.0	10.3	<0.002	<0.01	1.08	2.4	1	0.2	164.5	0.07	<0.05	1.3	0.032	0.92
Q012708	3480	8.5	17.1	<0.002	0.01	0.68	4.6	3	0.3	292	0.08	0.06	2.2	0.038	1.14
Q012709	600	9.2	1.8	<0.002	<0.01	2.23	0.7	1	<0.2	145.0	<0.05	<0.05	0.2	0.005	0.22
Q012710	520	1.4	0.9	<0.002	<0.01	0.60	0.8	1	<0.2	167.5	<0.05	<0.05	<0.2	<0.005	0.13
Q012711	320	4.7	4.2	<0.002	<0.01	1.09	0.9	1	0.2	92.5	<0.05	<0.05	0.4	0.013	0.14
Q012712	430	0.7	1.3	<0.002	0.01	0.75	0.8	<1	<0.2	143.5	<0.05	<0.05	0.2	<0.005	0.30
Q012713	650	3.5	1.9	<0.002	0.01	1.67	1.1	<1	<0.2	151.5	<0.05	<0.05	0.3	0.006	0.61
Q012714	410	1.0	1.2	<0.002	<0.01	0.90	0.7	1	<0.2	157.0	<0.05	<0.05	0.2	<0.005	0.44
Q012715	370	0.8	0.4	<0.002	<0.01	0.34	0.6	<1	<0.2	136.0	<0.05	<0.05	<0.2	<0.005	0.29
Q012716	720	0.9	0.6	<0.002	0.01	0.83	0.9	2	<0.2	140.0	<0.05	<0.05	<0.2	<0.005	0.77
Q012717	570	6.7	0.6	<0.002	0.01	0.13	0.9	1	<0.2	125.5	<0.05	<0.05	0.2	<0.005	0.04
Q012718	210	7.6	2.5	<0.002	<0.01	0.92	0.7	<1	<0.2	84.1	<0.05	<0.05	0.3	0.008	0.09
Q012719	1470	164.0	80.4	<0.002	0.01	34.2	14.5	2	1.4	210	0.46	0.14	7.1	0.189	2.59

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001	Hg- CV42 Hg ppm 0.1
Q012680		6.6	258	7.2	36.3	1140	81.6		
Q012681		1.7	16	0.2	1.6	41	2.0		
Q012682		4.5	12	0.2	6.8	7	1.1		
Q012683		2.2	23	0.2	1.8	57	1.0		
Q012684		1.5	13	0.2	1.5	27	1.0		
Q012685		3.1	17	0.2	2.2	42	1.1		
Q012686		2.1	11	0.2	1.7	20	1.1		
Q012687		4.9	235	3.8	36.0	1010	87.4		
Q012688		2.5	32	0.3	14.3	38	4.6		
Q012689		3.0	25	0.2	11.4	15	3.3		
Q012690		1.0	26	1.2	6.0	151	6.4		
Q012691		10.2	341	5.6	111.5	1760	101.0		
Q012692		2.5	11	0.4	3.9	48	4.6		
Q012693		2.5	35	1.9	31.0	726	17.4		
Q012694		4.8	24	1.7	12.3	157	10.9		
Q012695		2.5	50	2.8	13.6	451	24.7		
Q012696		1.6	23	0.6	6.9	129	7.8		
Q012697		2.4	62	0.8	8.5	134	29.3		
Q012698		3.7	41	0.5	5.5	190	3.5		
Q012699		3.5	36	0.4	5.5	151	3.7		
Q012700		2.7	8	0.1	5.4	10	0.7		
Q012701		5.3	107	1.5	13.7	414	18.1		
Q012702		2.6	34	0.3	10.3	98	4.3		
Q012703		3.1	12	0.1	4.8	15	1.2		
Q012704		2.6	18	0.2	13.0	54	3.3		
Q012705		5.0	8	0.1	4.9	7	0.9		
Q012706		7.4	12	0.5	10.0	28	1.5		
Q012707		3.5	74	0.7	24.4	173	11.4		
Q012708		3.7	90	0.8	56.3	83	18.9		
Q012709		2.4	31	0.5	9.1	124	2.6		
Q012710		3.5	26	0.2	8.8	42	2.1		
Q012711		2.6	25	0.6	6.0	91	4.8		
Q012712		3.5	32	0.1	8.4	72	2.0		
Q012713		4.0	65	0.3	11.0	144	3.1		
Q012714		2.6	38	0.1	7.2	90	1.9		
Q012715		2.7	23	0.1	7.7	40	1.2		
Q012716		4.6	38	0.3	11.5	96	2.5		
Q012717		6.4	13	0.2	8.1	4	1.0		
Q012718		1.7	22	0.4	4.6	86	2.7		
Q012719		6.8	395	27.9	55.7	1720	89.0		

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012720		0.25	0.34	1.63	7.83	6350	2020	7.75	0.20	3.18	6.34	60.6	44.0	116	23.1	203
Q012721		0.24	0.23	0.47	5.10	3620	950	3.79	0.14	18.80	4.25	42.4	19.2	87	21.0	79.4
Q012722		0.26	<0.01	0.05	0.16	124	40	0.20	0.01	25.5	1.35	2.29	0.8	7	0.50	4.0
Q012723		0.19	<0.01	0.27	1.03	311	120	0.60	0.03	34.2	6.66	8.23	1.7	10	3.06	9.7
Q012724		0.18	<0.01	0.12	0.32	91	190	0.32	0.02	34.9	3.84	3.74	0.8	2	0.90	5.4
Q012725		0.28	<0.01	0.15	0.14	86	70	0.27	0.01	34.8	4.63	2.89	0.7	1	0.26	4.3
Q012726		0.04	<0.01	0.05	0.43	246	70	0.44	0.02	33.6	7.95	3.70	2.3	6	1.18	6.9
Q012727		0.10	0.01	0.19	2.49	539	250	0.98	0.10	27.8	4.17	20.9	4.6	30	8.93	20.3
Q012728		0.21	<0.01	0.07	0.20	256	90	0.19	0.01	27.2	3.16	2.38	1.3	1	0.30	4.9
Q012729		0.17	0.03	0.32	0.36	245	320	0.42	0.02	32.5	7.14	5.27	1.5	6	0.82	7.8
Q012730		0.20	0.02	0.12	0.37	202	300	0.53	0.01	30.4	7.80	4.53	1.0	2	0.67	5.0
Q012731		0.35	0.01	0.18	0.31	129	60	0.57	0.02	33.9	2.00	4.65	1.0	3	0.46	4.5
Q012732		0.33	<0.01	0.03	0.10	73	30	0.10	0.01	24.0	1.00	1.15	0.5	1	0.14	2.1
Q012733		0.41	0.49	0.41	0.36	871	140	0.57	0.02	33.1	1.63	4.54	2.0	8	0.49	5.7
Q012734		0.19	0.97	0.10	0.29	346	320	0.52	0.01	30.7	3.96	2.56	1.2	1	0.59	5.9
Q012735		0.27	0.01	0.02	0.06	14	20	0.07	0.01	27.8	0.28	0.61	0.3	<1	0.07	1.3
Q012736		0.48	0.08	0.17	0.06	31	60	0.15	0.01	37.0	0.44	1.09	0.5	1	0.11	1.7
Q012737		0.41	0.06	0.09	0.04	38	40	0.14	0.01	36.4	0.28	1.57	0.4	<1	0.09	1.5
Q012738		0.24	0.12	0.19	0.59	596	910	0.56	0.02	33.7	8.98	5.17	3.4	5	0.61	13.9
Q012739		0.45	0.09	0.16	1.18	696	340	0.70	0.03	31.1	15.00	9.44	5.7	10	1.27	15.6
Q012740		0.25	0.03	0.10	0.28	262	70	0.42	0.03	33.1	7.92	2.94	1.8	2	0.81	13.5
Q012741		0.18	0.06	0.08	0.36	91	70	0.20	0.03	30.9	1.08	3.13	1.2	4	1.28	5.7
Q012742		0.28	0.03	0.14	0.80	339	380	0.56	0.03	35.0	8.96	6.47	2.8	7	1.94	11.4
Q012743		0.22	0.04	0.06	0.21	384	40	0.22	0.01	28.0	2.59	2.21	4.1	3	0.55	5.3
Q012744		0.30	0.05	0.07	0.14	398	30	0.30	0.01	31.5	6.29	1.92	3.9	2	0.31	6.0
Q012745		0.33	0.45	0.34	1.12	1750	400	0.73	0.04	30.7	7.78	8.12	16.1	16	1.48	21.8
Q012746		0.28	0.03	0.05	0.17	131	30	0.17	0.01	27.4	2.90	1.86	2.3	1	0.47	4.5
Q012747		0.08	0.04	0.42	4.68	2240	970	3.53	0.14	19.85	16.00	39.1	18.6	49	17.25	140.0
Q012748		0.20	0.08	0.93	4.63	394	570	1.09	0.17	15.10	2.30	45.7	8.8	62	5.62	27.2
Q012749		0.26	0.07	1.03	4.47	390	620	1.15	0.18	18.85	2.53	47.9	9.3	58	4.91	23.8
Q012750		0.15	0.03	0.40	0.39	1600	50	1.03	0.01	26.0	50.4	3.93	27.0	2	0.21	10.4
Q012751		0.27	0.09	0.62	1.00	3350	80	1.86	0.02	22.5	80.7	6.46	41.7	2	0.21	40.2
Q012752		0.21	0.52	2.91	2.83	1630	1160	1.79	0.11	1.13	15.55	42.4	4.1	69	2.14	137.5
Q012753		0.17	0.34	3.04	3.19	1320	1170	1.71	0.11	0.68	12.30	29.4	5.7	57	3.34	197.5
Q012754		0.31	0.36	2.95	3.13	924	1180	1.47	0.10	0.63	9.79	31.8	4.9	56	3.91	147.5
Q012755		0.29	0.41	3.46	2.46	3000	930	1.87	0.10	0.76	23.7	21.9	3.7	50	2.05	29.0
Q012756		0.21	0.01	0.04	0.10	32	50	0.18	0.01	35.4	0.31	2.14	0.5	<1	0.13	2.0
Q012757		0.49	0.02	0.58	5.19	1460	990	0.93	0.55	0.44	0.33	59.8	1.0	83	8.50	16.2
Q012758		0.37	0.02	0.69	5.62	1930	1050	1.05	0.19	0.47	0.54	66.1	1.4	87	7.51	28.5
Q012759		0.13	0.15	1.98	4.34	1740	690	1.07	0.18	3.84	6.00	48.1	3.5	63	4.15	70.5

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012720		11.00	13.70	0.18	2.5	2.96	0.054	1.69	43.8	42.6	0.54	504	15.35	0.06	9.6	920
Q012721		5.68	12.30	0.12	2.1	3.76	0.034	1.44	29.2	31.0	0.40	718	3.00	0.03	7.2	452
Q012722		0.20	0.40	0.09	0.1	0.22	<0.005	0.05	1.4	1.2	7.71	249	0.16	0.01	0.2	12.1
Q012723		0.52	2.69	0.08	0.4	0.76	0.006	0.47	4.6	4.3	0.39	166	0.36	0.01	1.4	26.0
Q012724		0.20	0.87	0.10	0.1	0.54	<0.005	0.13	2.0	1.7	0.21	155	0.17	<0.01	0.4	13.3
Q012725		0.15	0.39	0.09	0.1	0.15	<0.005	0.05	1.5	0.9	0.22	106	0.08	<0.01	0.2	15.5
Q012726		0.63	1.27	0.07	0.2	0.14	0.005	0.17	2.1	1.9	0.17	175	0.25	<0.01	0.5	52.3
Q012727		1.54	6.14	0.08	1.1	0.69	0.020	0.90	11.9	12.7	0.94	243	1.23	0.05	4.1	50.8
Q012728		0.39	0.52	0.08	0.1	0.12	<0.005	0.08	1.5	1.3	8.57	396	0.23	0.01	0.3	12.4
Q012729		0.42	1.04	0.10	0.2	0.21	<0.005	0.13	2.7	2.4	1.57	294	0.25	0.01	0.4	22.2
Q012730		0.29	1.01	0.11	0.3	0.29	0.005	0.16	2.0	1.9	3.69	368	0.17	0.01	0.5	13.9
Q012731		0.24	0.93	0.14	0.1	0.62	<0.005	0.12	2.5	1.6	2.27	595	0.20	0.01	0.4	8.7
Q012732		0.13	0.27	0.13	<0.1	0.06	<0.005	0.04	0.7	0.9	10.90	119	0.11	0.01	0.1	3.9
Q012733		0.86	1.07	0.09	0.2	4.31	<0.005	0.13	3.8	2.0	0.22	753	0.52	<0.01	0.5	21.2
Q012734		0.44	0.81	0.12	0.1	0.73	<0.005	0.12	1.4	1.2	4.73	506	0.29	<0.01	0.4	16.8
Q012735		0.05	0.17	0.09	<0.1	0.05	<0.005	0.02	<0.5	0.4	8.50	68	<0.05	0.01	0.1	2.1
Q012736		0.12	0.18	0.12	<0.1	0.95	<0.005	0.02	1.9	0.6	0.37	96	0.96	<0.01	0.1	3.6
Q012737		0.08	0.18	0.12	<0.1	0.67	<0.005	0.01	2.8	0.4	0.16	138	1.22	<0.01	0.1	3.8
Q012738		0.78	1.36	0.09	0.3	0.79	<0.005	0.24	2.4	2.2	0.37	1050	0.39	<0.01	0.9	46.4
Q012739		0.85	2.83	0.09	0.5	1.45	0.005	0.49	5.0	5.5	1.46	942	0.64	0.01	1.6	40.4
Q012740		0.47	0.71	0.11	0.1	0.21	<0.005	0.09	1.7	1.7	3.10	820	0.30	0.01	0.3	35.6
Q012741		0.27	1.00	0.09	0.1	0.34	<0.005	0.13	1.9	2.4	4.00	360	0.19	0.01	0.4	21.4
Q012742		0.64	1.97	0.06	0.3	0.55	0.006	0.30	3.3	3.0	0.63	456	0.37	0.01	0.9	49.1
Q012743		0.51	0.56	0.06	0.1	0.22	<0.005	0.07	1.3	1.4	5.67	269	0.39	0.01	0.2	81.2
Q012744		0.60	0.45	0.08	0.1	0.35	<0.005	0.05	1.3	0.9	4.05	469	0.39	0.01	0.2	99.1
Q012745		1.99	2.89	0.08	0.4	12.6	0.007	0.44	4.8	5.7	2.28	1260	2.97	0.01	1.5	112.5
Q012746		0.23	0.48	0.09	0.1	0.32	<0.005	0.06	1.1	1.3	6.73	268	0.19	0.01	0.2	30.0
Q012747		5.00	10.55	0.11	1.6	0.83	0.024	1.38	22.3	30.3	0.74	595	6.57	0.04	5.6	328
Q012748		2.59	12.35	0.10	1.8	16.0	0.041	1.45	24.6	27.1	0.73	539	3.03	0.20	7.3	39.3
Q012749		2.68	11.65	0.13	1.7	17.2	0.037	1.32	25.7	26.4	0.77	498	2.74	0.24	7.9	36.9
Q012750		5.81	0.56	0.05	0.1	12.8	<0.005	0.06	1.8	1.0	4.19	692	29.6	0.01	0.2	194.0
Q012751		10.75	0.68	0.06	0.2	13.8	0.006	0.06	2.2	1.0	3.32	868	59.3	<0.01	0.2	355
Q012752		2.22	7.49	0.11	0.8	61.3	0.058	0.70	35.1	10.2	0.12	85	26.7	0.01	3.2	72.2
Q012753		2.54	6.86	0.09	0.9	>100	0.042	0.75	23.4	11.5	0.12	98	18.95	0.01	3.4	73.7
Q012754		2.20	7.14	0.10	1.0	>100	0.047	0.75	24.5	11.2	0.13	88	15.25	0.02	3.5	58.6
Q012755		2.92	4.57	0.12	0.7	>100	0.041	0.60	16.5	8.1	0.09	125	33.2	0.01	2.6	37.2
Q012756		0.09	0.32	<0.05	0.1	1.78	<0.005	0.04	1.2	0.6	0.30	80	0.46	<0.01	0.2	1.5
Q012757		4.18	18.60	0.10	3.2	4.55	0.057	2.70	35.3	14.9	0.41	50	8.62	0.04	16.7	11.4
Q012758		3.66	17.05	0.11	3.0	5.71	0.046	2.60	39.9	15.2	0.44	63	9.24	0.05	17.5	15.2
Q012759		3.49	11.05	0.13	1.9	7.54	0.052	1.43	30.3	13.7	0.33	194	23.3	0.04	10.4	82.4

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012720		3600	247	75.6	0.002	0.05	24.4	22.6	8	1.7	506	0.65	0.11	8.1	0.257	3.86
Q012721		950	70.8	69.5	<0.002	<0.01	10.85	12.6	2	1.3	269	0.47	0.10	6.3	0.183	3.22
Q012722		120	4.2	2.3	<0.002	<0.01	0.44	1.1	1	<0.2	161.5	<0.05	<0.05	0.2	0.006	0.23
Q012723		210	13.7	18.9	<0.002	0.01	1.07	3.0	2	0.3	68.6	0.09	<0.05	1.5	0.047	0.38
Q012724		150	5.4	5.8	<0.002	<0.01	0.48	1.2	1	<0.2	85.6	<0.05	<0.05	0.5	0.014	0.29
Q012725		150	5.2	2.2	<0.002	<0.01	0.37	1.2	1	<0.2	83.0	<0.05	<0.05	0.2	0.006	0.33
Q012726		120	14.5	7.3	<0.002	<0.01	1.69	2.6	<1	0.2	184.5	<0.05	<0.05	0.5	0.017	0.63
Q012727		350	28.5	39.0	<0.002	<0.01	2.51	4.7	1	0.8	93.5	0.25	<0.05	3.9	0.142	0.84
Q012728		150	5.0	3.2	<0.002	<0.01	0.55	0.9	<1	<0.2	126.5	<0.05	<0.05	0.3	0.008	0.35
Q012729		240	11.0	6.3	<0.002	0.01	0.87	3.2	2	<0.2	141.0	<0.05	<0.05	0.8	0.014	0.43
Q012730		230	8.1	6.4	<0.002	0.01	0.77	2.6	<1	<0.2	76.1	<0.05	<0.05	0.6	0.016	0.42
Q012731		180	4.5	5.3	<0.002	<0.01	0.41	4.3	1	<0.2	66.0	<0.05	<0.05	0.5	0.015	0.21
Q012732		60	1.9	1.6	<0.002	<0.01	0.16	0.3	2	<0.2	131.5	<0.05	<0.05	0.2	0.005	0.08
Q012733		190	8.1	5.1	<0.002	0.06	1.65	5.2	2	<0.2	69.8	<0.05	0.11	0.7	0.019	1.95
Q012734		170	2.6	5.0	<0.002	<0.01	0.70	1.3	1	<0.2	88.7	<0.05	<0.05	0.4	0.012	1.24
Q012735		50	0.7	0.9	<0.002	<0.01	0.07	0.2	1	<0.2	74.1	<0.05	<0.05	<0.2	<0.005	0.02
Q012736		80	2.7	1.0	0.003	0.01	0.13	0.2	1	<0.2	184.5	<0.05	<0.05	<0.2	<0.005	0.08
Q012737		60	5.6	0.7	0.002	0.01	0.29	0.6	2	<0.2	180.5	<0.05	<0.05	<0.2	<0.005	0.05
Q012738		380	13.6	8.3	<0.002	0.03	1.42	4.4	<1	0.2	139.5	0.05	0.05	1.0	0.031	0.90
Q012739		330	11.1	17.9	<0.002	0.01	1.66	3.3	<1	0.3	87.7	0.10	0.09	1.7	0.059	2.90
Q012740		220	10.5	4.4	<0.002	<0.01	0.83	1.7	<1	<0.2	93.7	<0.05	0.14	0.4	0.010	0.49
Q012741		100	7.0	6.6	<0.002	<0.01	0.51	1.2	<1	<0.2	113.0	<0.05	<0.05	0.5	0.012	0.19
Q012742		270	10.3	13.2	<0.002	0.01	1.22	3.2	1	0.2	117.0	0.06	0.09	1.1	0.028	2.97
Q012743		150	5.8	3.4	<0.002	<0.01	1.16	1.0	<1	<0.2	118.5	<0.05	<0.05	0.3	0.008	0.14
Q012744		170	6.7	2.2	<0.002	<0.01	1.56	1.1	2	<0.2	100.0	<0.05	<0.05	0.2	0.006	0.22
Q012745		310	21.5	18.7	<0.002	<0.01	2.22	2.5	6	0.3	165.5	0.09	<0.05	1.6	0.050	3.06
Q012746		110	3.8	3.0	<0.002	<0.01	0.42	0.8	<1	<0.2	109.0	<0.05	<0.05	0.3	0.006	0.13
Q012747		830	100.5	73.9	<0.002	0.02	8.09	11.2	4	1.2	185.0	0.36	<0.05	6.2	0.160	2.43
Q012748		760	103.5	78.7	<0.002	0.04	6.71	9.1	<1	1.4	128.0	0.50	0.05	6.7	0.249	10.40
Q012749		750	126.5	71.3	<0.002	0.02	6.27	8.9	<1	1.4	177.0	0.51	<0.05	7.1	0.263	8.22
Q012750		380	245	2.7	<0.002	<0.01	10.30	1.0	4	<0.2	53.3	<0.05	<0.05	0.3	0.008	0.42
Q012751		660	508	2.6	<0.002	<0.01	27.8	2.2	4	<0.2	36.2	<0.05	<0.05	0.3	0.008	0.74
Q012752		5310	458	32.0	0.010	0.10	59.8	3.4	5	1.0	335	0.21	0.11	4.0	0.099	4.86
Q012753		3510	355	33.6	0.006	0.12	49.4	2.9	9	0.9	281	0.20	0.23	2.9	0.111	3.70
Q012754		2950	461	36.0	0.005	0.12	44.4	3.0	5	0.8	270	0.23	0.23	3.2	0.112	6.97
Q012755		5130	502	25.9	0.009	0.19	31.7	2.7	14	0.9	288	0.16	0.12	3.1	0.081	38.7
Q012756		40	5.7	1.7	0.002	0.01	0.41	0.2	1	<0.2	138.0	<0.05	<0.05	0.2	0.006	0.17
Q012757		1060	24.2	128.5	0.003	1.09	8.41	7.7	3	2.0	174.0	1.04	<0.05	11.3	0.375	6.51
Q012758		1270	21.0	124.0	0.004	0.52	16.45	8.7	2	1.7	153.0	1.09	0.10	12.7	0.375	4.81
Q012759		2580	297	66.4	0.002	0.21	33.4	6.5	4	1.6	186.0	0.67	0.09	6.6	0.224	3.33

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q012720		17.3	434	12.2	135.5	3110	97.1		
Q012721		5.4	343	13.4	45.8	1410	80.4		
Q012722		0.5	8	0.3	4.9	71	3.1		
Q012723		1.4	22	0.9	12.4	366	12.9		
Q012724		1.0	9	0.3	6.3	173	4.6		
Q012725		1.1	5	0.3	8.1	294	2.7		
Q012726		1.6	17	1.1	16.3	258	5.8		
Q012727		2.1	69	2.6	13.3	341	34.1		
Q012728		1.8	14	0.5	5.6	152	3.5		
Q012729		2.3	21	0.7	13.4	402	6.9		
Q012730		1.8	12	0.6	11.9	334	7.0		
Q012731		4.4	30	0.6	11.4	69	5.3		
Q012732		1.2	5	0.1	2.0	29	1.7		
Q012733		4.2	42	1.1	10.4	115	6.9		
Q012734		2.6	23	0.8	6.4	277	5.5		
Q012735		0.7	2	0.1	0.7	11	0.9		
Q012736		4.3	13	0.1	3.6	21	0.9		
Q012737		3.2	13	0.1	5.2	22	0.9		
Q012738		3.5	21	1.7	18.9	524	10.7		
Q012739		2.2	32	2.0	16.9	690	17.4		
Q012740		1.2	15	0.5	12.5	434	4.2		
Q012741		1.0	14	0.3	4.3	71	4.4		
Q012742		2.5	25	1.3	18.4	553	9.6		
Q012743		1.9	18	0.4	5.7	156	3.6		
Q012744		2.1	16	0.4	9.3	274	3.6		
Q012745		2.8	74	2.2	7.6	427	16.0		
Q012746		2.6	9	0.2	5.7	73	2.8		
Q012747		4.5	196	4.8	53.3	2100	57.5		
Q012748		4.7	121	3.0	15.5	547	57.2		
Q012749		4.9	109	3.1	16.4	542	60.4		
Q012750		2.3	40	0.4	22.2	5320	4.3		
Q012751		4.1	96	0.7	58.0	9850	8.2		
Q012752		22.3	795	4.2	49.6	1080	31.7		
Q012753		26.7	906	3.5	44.6	1020	30.7		475
Q012754		22.3	846	3.6	44.6	703	32.3		197.0
Q012755		24.1	640	3.0	71.2	599	24.0		253
Q012756		0.6	7	0.1	1.4	46	2.8		
Q012757		3.2	347	4.0	13.2	32	107.5		
Q012758		3.7	391	4.3	13.0	58	110.5		
Q012759		9.4	490	5.0	39.9	888	75.7		

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012760		0.30	<0.01	0.91	0.35	259	90	0.49	0.05	35.4	2.92	5.18	0.8	4	0.26	4.7
Q012761		0.28	0.01	0.75	0.56	194	130	0.57	0.02	24.5	5.66	8.47	2.0	6	0.51	6.2
Q012762		0.31	0.01	0.99	0.62	171	160	0.63	0.04	25.8	4.99	9.23	2.0	5	0.69	5.0
Q012763		0.13	0.04	5.27	6.12	828	670	2.63	0.20	13.80	10.45	74.5	6.7	73	10.05	37.6
Q012764		0.27	0.01	0.20	0.05	45	80	0.17	0.01	34.1	5.02	2.38	1.4	2	0.10	6.2
Q012765		0.32	0.02	0.11	0.08	49	110	0.17	0.01	34.2	5.72	2.67	1.9	2	0.15	10.6
Q012766		0.38	<0.01	0.23	0.48	174	70	0.33	0.02	33.4	12.85	4.52	3.0	6	0.45	14.6
Q012767		0.31	<0.01	1.22	0.19	117	30	0.31	0.02	33.9	5.87	2.96	0.8	4	0.28	9.5
Q012768		0.17	<0.01	0.04	0.10	63	40	0.22	0.01	35.9	9.18	1.27	3.9	2	0.21	8.1
Q012769		0.18	<0.01	0.08	3.54	225	170	2.09	0.03	30.7	15.30	5.22	12.4	6	1.36	79.8
Q012770		0.43	<0.01	0.54	1.51	1030	170	0.98	0.06	28.1	15.60	15.20	16.5	27	4.47	29.4
Q012771		0.38	<0.01	0.15	0.94	264	90	1.14	0.03	32.0	19.40	6.99	6.2	7	2.23	32.5
Q012772		0.17	0.01	6.64	3.67	1070	550	2.14	0.06	1.53	7.31	24.4	4.4	73	5.83	98.5
Q012773		0.23	0.01	3.62	3.70	376	690	0.88	0.15	7.83	1.90	42.8	2.2	68	6.62	36.8

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CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012760		0.38	0.82	0.10	0.2	4.82	0.005	0.09	3.1	1.6	0.15	576	0.62	<0.01	0.8	7.7
Q012761		0.39	1.67	0.13	0.3	3.84	0.007	0.23	4.6	2.9	8.06	379	0.80	0.01	1.3	8.3
Q012762		0.40	1.86	0.15	0.3	6.90	<0.005	0.24	4.9	3.2	6.15	368	0.98	0.01	1.4	8.7
Q012763		3.51	15.90	0.21	3.6	22.3	0.029	2.30	38.1	21.0	2.79	627	7.37	0.04	14.7	75.1
Q012764		0.12	0.18	0.14	<0.1	0.49	<0.005	0.01	3.7	0.5	0.13	83	0.37	<0.01	0.1	5.2
Q012765		0.21	0.23	0.16	<0.1	0.46	<0.005	0.02	3.9	0.6	0.15	108	0.61	<0.01	0.1	7.1
Q012766		0.52	1.21	0.09	0.2	0.73	<0.005	0.16	2.7	1.1	0.08	450	1.30	<0.01	0.7	27.1
Q012767		0.25	0.62	0.12	0.1	10.9	<0.005	0.07	2.3	0.8	0.07	443	1.70	<0.01	0.4	5.3
Q012768		0.47	0.20	0.10	<0.1	0.33	<0.005	0.02	1.3	0.6	0.13	324	1.45	<0.01	0.1	19.3
Q012769		1.44	1.05	0.16	0.1	0.65	<0.005	0.12	2.3	3.6	0.08	517	2.05	0.01	0.3	115.5
Q012770		2.68	4.11	0.07	0.7	1.32	0.011	0.56	9.7	5.4	0.13	465	8.20	0.01	2.3	140.5
Q012771		1.35	1.85	0.08	0.3	0.52	0.005	0.22	4.0	5.1	0.13	595	1.61	0.01	0.8	58.3
Q012772		4.81	10.60	0.14	1.5	8.60	0.047	1.35	14.8	12.9	0.22	155	64.9	0.02	5.7	84.9
Q012773		1.88	11.20	0.13	2.1	3.90	0.032	1.54	23.7	11.6	0.56	174	7.35	0.06	10.4	14.0

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Finalized Date: 23- SEP- 2013
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CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012760		130	107.5	3.5	<0.002	0.02	2.60	2.5	<1	0.2	54.1	0.05	<0.05	0.7	0.018	0.22
Q012761		220	108.5	9.3	<0.002	<0.01	2.57	1.2	1	0.2	123.0	0.08	<0.05	1.0	0.033	0.33
Q012762		250	103.5	10.5	<0.002	<0.01	3.51	1.3	3	0.3	149.0	0.07	0.05	1.0	0.034	0.40
Q012763		710	513	92.0	<0.002	0.01	17.25	8.5	3	1.9	302	0.90	<0.05	11.9	0.400	3.33
Q012764		520	9.8	0.7	<0.002	<0.01	0.50	0.2	3	<0.2	187.0	<0.05	0.05	<0.2	<0.005	0.03
Q012765		320	9.7	1.1	<0.002	<0.01	0.57	0.3	1	<0.2	384	<0.05	0.05	<0.2	<0.005	0.05
Q012766		1700	22.1	6.1	<0.002	<0.01	4.27	1.0	1	0.3	81.0	<0.05	0.07	0.8	0.020	0.12
Q012767		1230	85.5	3.1	<0.002	<0.01	4.12	1.5	3	0.2	56.4	<0.05	<0.05	0.4	0.010	0.11
Q012768		110	4.7	0.9	<0.002	<0.01	0.76	0.4	1	<0.2	247	<0.05	<0.05	<0.2	<0.005	0.03
Q012769		310	7.6	5.7	<0.002	<0.01	1.43	1.9	4	<0.2	17.4	<0.05	0.08	0.9	0.010	0.20
Q012770		6580	76.1	21.7	0.002	<0.01	14.00	2.5	2	0.7	114.0	0.15	0.05	2.8	0.065	0.45
Q012771		300	14.3	11.2	<0.002	0.01	1.77	3.1	2	0.2	27.3	0.06	<0.05	1.0	0.026	0.29
Q012772		1350	77.8	59.7	0.008	0.16	25.5	5.6	17	0.9	89.4	0.39	0.28	4.6	0.174	2.19
Q012773		480	103.5	67.9	<0.002	0.15	10.50	6.3	4	1.3	91.9	0.67	0.08	5.5	0.252	3.57

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minerals

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CERTIFICATE OF ANALYSIS WH13153665

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1
Q012760		3.4	28	0.9	7.1	163	7.3		
Q012761		4.7	21	1.2	4.3	320	10.6		
Q012762		4.9	18	1.9	4.2	332	12.0		
Q012763		13.0	122	17.7	11.3	2470	124.0		
Q012764		8.6	18	0.2	9.2	70	1.0		
Q012765		5.2	18	0.3	12.0	146	1.2		
Q012766		18.7	33	1.5	19.9	269	6.6		
Q012767		16.5	39	0.7	9.6	118	3.7		
Q012768		2.3	11	0.2	10.5	238	1.5		
Q012769		1.8	46	0.3	92.4	864	6.3		
Q012770		58.8	113	4.8	42.3	1180	23.1		
Q012771		4.3	53	0.4	45.0	763	10.2		
Q012772		6.5	1420	5.5	23.8	823	52.1		
Q012773		3.3	354	3.2	12.9	83	74.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 23-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13153665

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.

Applies to Method: Hg-CV41 Hg-CV42

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: CRU-31 CRU-QC LOG-22 PUL-31 PUL-QC SPL-21 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: As-OG62 Au-AA26 Hg-CV41 Hg-CV42 ME-MS61 ME-OG62

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

CERTIFICATE WH13156429

Project: Nadaleen

P.O. No.: AnEx-11

This report is for 117 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
Pb-VOL70	Pb by Titration	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012774	0.26	<0.01	0.17	0.23	50	40	0.18	0.01	28.7	1.01	3.38	1.1	<1	0.35	2.7
Q012775	0.13	<0.01	0.48	2.06	46.6	3120	1.40	0.08	0.52	1.07	18.45	13.7	75	2.96	237
Q012776	0.16	<0.01	1.92	0.37	44.7	2790	0.44	0.02	0.53	2.20	4.00	1.4	53	0.85	84.7
Q012777	0.21	<0.01	3.47	3.15	80.8	2110	0.95	0.13	0.52	11.45	83.2	0.4	125	5.06	133.5
Q012778	0.12	0.01	12.20	0.63	4620	620	0.21	0.07	0.18	3.59	12.15	0.4	47	1.27	75.3
Q012779	0.21	<0.01	>100	0.40	355	140	0.23	0.06	0.04	38.3	6.75	0.1	24	0.31	586
Q012780	0.22	2.41	>100	2.89	3820	2520	1.33	0.17	1.32	62.1	75.2	0.7	186	3.04	532
Q012781	0.41	0.41	>100	1.86	3350	1470	0.96	0.15	0.65	46.1	38.2	0.3	128	2.37	372
Q012782	0.42	0.10	>100	1.74	3350	930	0.66	0.11	0.35	32.8	30.5	2.0	102	2.58	219
Q012783	0.45	0.15	>100	1.15	5560	470	0.48	0.09	0.34	67.4	15.60	0.6	90	1.09	292
Q012784	0.74	0.37	>100	3.06	7070	660	1.07	0.20	0.75	35.7	65.9	0.9	211	3.80	354
Q012785	0.38	0.07	98.6	1.31	9050	1860	0.76	0.08	0.23	10.05	28.5	0.5	106	1.69	120.0
Q012786	0.31	0.01	>100	0.72	784	230	0.32	0.08	0.07	53.4	14.70	0.1	41	1.03	276
Q012787	0.43	0.03	>100	1.45	1780	530	0.77	0.10	0.47	28.2	22.6	0.5	64	1.65	183.5
Q012788	0.35	0.25	>100	0.49	1500	80	0.29	0.03	0.24	15.90	3.85	0.3	38	0.42	125.0
Q012789	0.20	0.39	>100	0.63	2920	220	0.39	0.07	0.26	223	7.52	0.3	62	0.48	150.0
Q012790	0.08	0.13	>100	2.28	7760	1130	1.15	0.12	0.29	27.4	38.0	0.6	208	3.78	485
Q012791	0.19	0.02	>100	2.18	4420	380	0.62	0.12	0.48	18.15	30.9	0.4	90	3.02	249
Q012792	0.14	1.62	>100	2.29	3050	520	0.78	0.33	0.61	524	80.9	0.4	243	3.09	779
Q012793	0.21	0.85	>100	2.70	3230	2080	0.62	0.18	0.53	36.2	56.6	0.3	240	3.65	575
Q012794	0.23	0.48	>100	3.94	2090	2280	1.27	0.18	1.18	85.2	117.5	0.5	177	7.23	453
Q012795	0.18	0.01	21.6	3.58	>10000	1160	0.72	0.20	0.59	35.7	77.3	0.3	105	3.91	50.5
Q012796	0.26	0.02	>100	4.40	>10000	1660	0.72	0.21	0.38	74.3	64.9	0.5	130	4.06	210
Q012797	0.48	0.01	>100	3.24	>10000	1080	0.75	0.14	0.37	43.4	52.6	0.3	129	2.25	223
Q012798	0.11	0.01	78.3	2.49	>10000	940	0.51	0.14	0.47	21.9	50.3	0.4	82	2.61	264
Q012799	0.14	0.02	27.0	3.11	5350	920	0.72	0.16	0.57	49.7	71.9	0.3	96	3.26	47.6
Q012800	0.21	0.14	50.3	1.20	1445	350	0.41	0.04	0.23	9.7	20.6	0.4	54	1.73	65.5
Q012801	0.25	<0.01	1.90	0.95	1115	160	0.42	0.04	0.46	161.0	8.06	0.5	51	1.17	40.2
Q012802	0.35	<0.01	1.31	1.82	2520	370	0.61	0.03	0.49	227	14.20	0.3	91	1.63	24.0
Q012803	0.50	<0.01	1.75	2.68	962	1170	0.86	0.08	0.23	72.6	36.9	0.5	104	5.40	56.3
Q012804	0.31	<0.01	5.88	2.37	3980	470	1.13	0.08	0.48	449	30.2	0.4	170	3.87	28.8
Q012805	0.20	0.38	>100	0.72	1430	370	0.34	0.10	0.11	135.0	14.30	0.1	109	0.53	322
Q012806	0.12	0.06	58.3	3.65	>10000	1030	1.31	0.14	0.63	89.4	69.1	5.2	229	3.96	116.0
Q012807	0.37	0.26	>100	2.72	>10000	1270	2.17	0.07	0.63	48.0	32.5	0.6	94	1.63	404
Q012808	0.17	0.23	>100	3.33	>10000	1220	2.27	0.07	0.58	29.8	36.4	0.6	104	1.77	305
Q012809	0.44	0.20	>100	1.16	>10000	1640	0.88	0.03	0.47	24.6	19.50	0.2	71	0.45	308
Q012810	0.19	0.01	16.10	0.73	331	650	0.28	0.04	0.38	5.42	18.25	0.4	56	1.75	104.0
Q012811	0.73	0.27	>100	2.17	1985	1780	0.74	0.12	0.54	18.00	57.6	0.9	138	3.64	220
Q012812	0.51	0.24	>100	3.36	2560	530	0.95	0.14	0.55	15.20	71.3	0.6	160	4.01	325
Q012813	0.53	0.89	>100	3.96	8110	2310	1.70	0.15	1.24	39.7	91.7	1.7	204	4.46	403

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012774		0.13	0.78	0.40	0.1	0.12	0.005	0.09	1.7	1.1	8.43	52	0.43	0.01	0.4	4.0
Q012775		12.50	4.29	0.25	0.8	0.07	0.080	0.38	14.8	71.9	0.20	324	25.7	0.02	2.9	214
Q012776		1.35	0.68	0.07	0.1	0.09	<0.005	0.07	8.1	6.9	0.02	66	8.85	<0.01	0.4	49.3
Q012777		0.35	7.84	0.22	1.5	12.0	0.021	0.89	110.0	22.4	0.19	19	27.3	0.01	6.5	24.0
Q012778		2.34	2.22	0.13	0.3	3.05	0.014	0.19	15.7	5.1	0.04	59	24.2	<0.01	1.0	10.5
Q012779		0.11	1.74	0.16	0.1	64.4	0.040	0.07	6.5	1.1	0.01	<5	113.5	<0.01	0.3	4.6
Q012780		1.14	13.70	0.36	1.0	>100	0.190	0.54	88.4	17.1	0.11	46	219	<0.01	3.9	82.1
Q012781		1.08	9.44	0.30	0.8	>100	0.150	0.40	47.8	11.1	0.08	19	292	<0.01	2.7	32.5
Q012782		1.80	6.26	0.26	0.7	>100	0.126	0.49	35.6	11.1	0.10	73	153.5	0.01	2.9	61.2
Q012783		1.43	6.26	0.24	0.3	>100	0.205	0.20	18.9	14.0	0.05	33	266	0.01	1.1	38.4
Q012784		1.94	14.30	0.37	1.3	>100	0.164	0.71	75.6	12.0	0.12	35	210	0.01	4.8	52.0
Q012785		3.91	4.27	0.26	0.4	37.4	0.064	0.25	34.7	3.7	0.04	27	233	<0.01	1.4	23.4
Q012786		0.10	3.19	0.19	0.3	65.7	0.070	0.18	15.2	2.8	0.03	<5	60.6	<0.01	1.1	8.7
Q012787		0.76	5.35	0.21	0.6	>100	0.053	0.32	25.3	13.7	0.07	32	92.1	0.01	2.3	27.3
Q012788		0.82	4.26	0.12	0.1	>100	0.075	0.06	3.4	19.7	0.03	53	389	<0.01	0.2	10.1
Q012789		0.88	6.07	0.19	0.1	>100	0.208	0.08	8.7	15.7	0.04	34	657	<0.01	0.3	11.7
Q012790		4.43	8.35	1.25	0.7	29.6	0.178	0.42	51.7	7.6	0.08	40	3010	0.01	2.3	27.7
Q012791		3.54	5.85	0.23	1.0	29.8	0.076	0.60	29.5	14.6	0.08	25	65.0	0.01	3.3	21.5
Q012792		0.59	14.25	0.63	1.1	>100	0.293	0.54	94.8	9.0	0.09	38	205	0.01	4.1	35.8
Q012793		0.71	11.05	0.22	1.0	>100	0.155	0.69	66.5	9.9	0.14	26	250	<0.01	3.6	26.3
Q012794		1.21	11.70	0.36	1.6	>100	0.112	0.87	142.5	14.0	0.16	50	241	0.01	5.7	62.5
Q012795		3.70	7.20	0.19	1.4	26.5	0.036	0.77	70.0	19.0	0.14	27	73.3	0.01	4.8	19.3
Q012796		8.31	9.41	0.24	1.8	>100	0.057	1.38	59.9	16.5	0.19	21	641	0.01	7.0	28.1
Q012797		7.85	6.35	0.22	1.5	74.0	0.039	0.93	48.8	15.1	0.11	11	732	0.01	4.1	22.9
Q012798		7.55	5.50	0.19	1.2	47.6	0.034	0.78	50.9	17.2	0.09	44	289	0.01	3.4	26.3
Q012799		4.57	6.26	0.18	1.0	26.2	0.038	0.65	66.0	18.6	0.12	26	81.9	0.01	3.6	18.3
Q012800		2.00	4.27	0.11	0.4	>100	0.030	0.39	19.5	22.9	0.06	49	461	<0.01	1.9	14.6
Q012801		14.60	2.00	0.09	0.3	<0.01	0.017	0.22	7.6	3.1	0.04	9	116.0	<0.01	1.0	34.7
Q012802		12.35	2.96	0.09	0.3	0.64	0.043	0.54	12.4	5.4	0.06	16	174.0	0.01	1.2	94.0
Q012803		13.25	7.09	0.15	1.0	0.94	0.037	1.01	29.6	7.7	0.17	7	43.6	0.01	4.4	40.0
Q012804		11.50	7.96	0.12	0.8	4.53	0.077	0.83	25.6	7.4	0.09	12	190.0	0.01	2.8	69.5
Q012805		0.24	4.13	0.19	0.2	>100	0.093	0.11	15.9	2.2	0.02	<5	203	<0.01	0.6	8.1
Q012806		13.00	8.27	0.27	1.1	48.1	0.117	0.56	63.7	14.9	0.10	41	335	<0.01	3.5	179.5
Q012807		7.99	9.61	0.19	0.4	>100	0.061	0.24	39.8	9.4	0.05	12	1010	<0.01	1.6	46.7
Q012808		2.56	12.15	0.20	0.5	>100	0.111	0.26	44.2	10.7	0.05	33	5670	<0.01	1.8	38.3
Q012809		4.21	7.07	0.11	0.2	>100	0.065	0.09	24.5	6.7	0.02	17	72.0	<0.01	0.5	14.7
Q012810		0.81	2.66	0.11	0.4	4.15	<0.005	0.22	24.5	8.3	0.05	62	40.8	<0.01	1.3	9.7
Q012811		1.06	7.65	0.19	0.9	50.2	0.055	0.62	73.2	11.5	0.13	26	179.5	0.01	3.3	47.9
Q012812		1.15	10.95	0.25	1.3	>100	0.080	0.82	77.0	13.8	0.14	32	241	0.01	4.9	34.8
Q012813		1.98	17.10	0.23	1.4	>100	0.096	0.89	107.5	13.9	0.17	41	291	0.01	5.4	77.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012774		130	23.2	3.5	<0.002	<0.01	0.27	0.8	1	<0.2	176.5	<0.05	<0.05	0.3	0.007	0.10
Q012775		3670	9.3	21.4	0.008	0.14	3.23	11.9	15	0.5	563	0.18	0.15	3.8	0.079	0.20
Q012776		2400	10.2	4.4	0.061	0.10	3.79	3.6	8	<0.2	111.5	<0.05	<0.05	0.6	0.013	0.23
Q012777		1580	601	42.8	0.007	0.17	15.35	3.8	9	1.0	731	0.37	0.11	6.1	0.168	27.1
Q012778		1730	>10000	8.8	0.036	0.43	92.3	0.8	15	0.3	116.0	0.05	0.05	1.1	0.025	19.70
Q012779		1300	>10000	2.9	0.005	9.94	1150	2.1	26	0.5	35.6	<0.05	0.05	1.2	0.011	4.63
Q012780		8830	>10000	23.5	0.044	0.78	729	7.0	21	1.7	1350	0.21	0.18	4.7	0.081	21.0
Q012781		5210	>10000	17.6	0.018	0.60	525	5.6	34	1.4	408	0.16	0.18	3.0	0.063	34.4
Q012782		2140	>10000	20.2	0.024	0.40	662	2.9	45	0.8	253	0.18	0.14	2.7	0.077	46.3
Q012783		2620	>10000	8.8	0.016	0.45	1610	2.3	51	0.8	180.0	0.07	0.18	1.6	0.029	38.5
Q012784		6710	>10000	27.8	0.016	1.85	661	7.7	40	1.9	689	0.31	0.22	4.9	0.117	36.5
Q012785		6900	>10000	9.7	0.037	0.76	196.0	4.2	33	0.4	368	0.08	0.14	1.9	0.034	16.55
Q012786		1560	>10000	8.3	0.005	7.17	1105	2.5	45	0.8	68.6	0.05	0.13	1.1	0.031	12.55
Q012787		3410	>10000	15.0	0.006	0.49	199.0	4.7	20	0.8	178.0	0.14	0.08	2.1	0.053	13.95
Q012788		1530	>10000	2.8	0.010	0.19	216	1.2	19	0.6	38.1	<0.05	<0.05	0.5	0.005	6.85
Q012789		2190	>10000	3.5	0.010	0.25	7280	2.8	35	0.8	175.0	<0.05	0.12	0.7	0.008	14.30
Q012790		9830	>10000	19.9	0.038	1.39	1105	3.5	359	1.0	358	0.14	0.53	7.7	0.059	83.6
Q012791		8840	>10000	23.0	0.060	0.63	776	6.5	23	0.6	152.0	0.19	0.26	3.7	0.096	10.85
Q012792		4510	>10000	21.9	0.066	1.36	7990	10.2	39	2.1	1050	0.12	0.32	4.6	0.089	31.7
Q012793		4060	>10000	26.6	0.077	0.77	1370	6.4	43	1.5	640	0.23	0.15	5.0	0.119	25.0
Q012794		7650	>10000	37.1	0.068	0.70	364	7.2	18	1.7	1245	0.36	0.16	6.7	0.162	23.3
Q012795		3580	>10000	30.7	0.008	0.56	147.5	4.1	10	1.3	365	0.32	0.11	6.8	0.157	14.90
Q012796		4200	>10000	49.0	0.024	1.22	476	4.3	40	1.7	378	0.48	0.34	8.8	0.202	145.0
Q012797		6360	>10000	31.8	0.033	1.62	324	4.4	41	1.3	312	0.29	0.18	9.2	0.123	195.5
Q012798		3580	>10000	24.3	0.022	1.22	260	4.4	35	1.1	314	0.22	0.23	4.7	0.106	181.0
Q012799		4240	>10000	24.9	0.005	0.37	157.0	3.3	9	1.0	334	0.24	0.12	5.4	0.124	20.8
Q012800		1350	>10000	17.2	0.008	0.20	36.2	3.7	4	0.8	86.8	0.12	<0.05	2.1	0.056	12.45
Q012801		1810	383	9.6	0.005	0.07	23.5	1.5	6	0.2	33.0	0.05	<0.05	0.9	0.026	23.9
Q012802		2810	108.5	14.6	0.018	0.59	38.2	3.3	6	0.3	92.5	0.08	0.05	1.7	0.040	54.2
Q012803		1180	788	46.7	0.028	0.22	12.95	2.8	7	0.8	163.0	0.29	0.08	4.4	0.142	17.20
Q012804		2530	1445	32.6	0.007	0.52	121.5	6.6	10	1.1	169.5	0.18	0.13	3.5	0.082	112.0
Q012805		2440	>10000	4.5	0.018	1.50	2380	3.6	27	0.5	148.5	<0.05	0.13	0.9	0.017	8.59
Q012806		5570	>10000	24.6	0.085	0.64	403	23.5	42	1.2	455	0.23	0.35	5.5	0.104	29.1
Q012807		9600	>10000	10.7	0.228	0.97	1385	7.4	39	1.3	382	0.10	0.18	2.6	0.039	9.84
Q012808		9740	>10000	11.4	0.164	1.36	925	7.9	38	1.9	383	0.12	0.13	3.0	0.047	11.95
Q012809		6510	>10000	3.8	0.091	0.74	1830	4.1	9	1.1	451	<0.05	0.13	1.8	0.014	4.94
Q012810		570	>10000	10.9	0.026	0.14	34.2	0.8	2	0.4	120.5	0.08	<0.05	1.5	0.037	14.90
Q012811		2450	>10000	28.3	0.010	0.38	373	2.9	20	0.8	454	0.22	0.14	4.2	0.103	36.2
Q012812		5050	>10000	34.3	0.021	1.73	431	5.5	19	1.4	592	0.34	0.11	5.8	0.152	30.7
Q012813		7220	>10000	36.9	0.016	0.86	551	7.7	22	1.7	937	0.37	0.16	6.3	0.151	21.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Ag-GRA21	Zn-OG62	As-OG62	Hg-CV42	Pb-VOL70
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Ag	Zn	As	Hg	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	5	0.001	0.001	0.1	0.01
Q012774		1.8	7	0.4	3.4	58	2.5							
Q012775		9.5	218	0.3	25.1	1190	32.1							
Q012776		7.4	176	0.1	34.4	227	4.5							
Q012777		14.1	1080	2.4	23.7	67	64.9							
Q012778		4.3	1980	0.8	7.4	233	12.7		3.05					
Q012779		9.0	342	0.5	2.2	1920	3.7	>1500	>20.0	1615				73.15
Q012780		36.2	2280	6.9	62.1	918	45.3	227	5.82				254	
Q012781		24.9	1870	4.7	32.9	901	31.9	243	6.81				221	
Q012782		14.1	1530	2.0	17.8	583	28.6	99	3.49				104.5	
Q012783		18.3	1540	1.5	13.7	604	13.7	185	6.29				192.5	
Q012784		23.4	2580	7.1	28.4	1060	49.5	464	16.15				156.5	
Q012785		12.0	3420	3.7	14.8	536	19.1		5.87					
Q012786		15.6	470	1.3	4.2	247	12.3	>1500	>20.0	1880				62.76
Q012787		19.8	1150	3.2	18.6	798	24.6	382	8.86				125.5	
Q012788		8.2	598	0.8	8.6	411	3.6	164	1.700				440	
Q012789		36.4	903	1.3	9.7	529	5.1	287	4.80				476	
Q012790		20.1	4740	3.0	25.0	842	31.4	144	9.69					
Q012791		11.8	2070	5.1	10.0	701	32.6	112	6.43					
Q012792		65.0	1780	6.8	37.1	631	46.0	1490	>20.0				381	31.08
Q012793		49.1	1620	4.4	23.3	409	41.5	>1500	>20.0	1565			215	23.70
Q012794		56.1	2060	8.8	52.8	788	65.3	160	5.61				177.0	
Q012795		21.5	1410	4.9	19.1	1040	52.5		4.87			1.205		
Q012796		35.6	4240	4.0	19.6	2000	66.2	182	6.56			1.560	100.5	
Q012797		41.0	3950	3.4	15.4	1810	55.6	124	8.49			1.735		
Q012798		35.3	3210	3.8	14.1	1160	43.9		6.30			1.520		
Q012799		22.5	1320	4.2	19.0	999	37.5		3.36					
Q012800		6.6	806	3.2	5.7	402	15.2		1.265				161.5	
Q012801		9.3	3260	0.5	6.1	2520	9.0							
Q012802		12.7	3610	0.6	5.6	1840	11.0							
Q012803		11.9	3720	1.2	14.2	2320	39.2							
Q012804		24.7	5410	2.7	15.1	1900	30.2							
Q012805		41.2	1000	1.2	6.8	246	7.4	>1500	>20.0	2910			104.0	62.61
Q012806		86.7	7120	8.2	34.8	4830	46.8		7.21			1.495		
Q012807		42.5	3940	7.6	48.4	2120	19.3	234	10.35			1.140	118.5	
Q012808		49.7	3580	13.9	48.1	1780	20.9	199	16.05			1.855	177.5	
Q012809		32.2	2590	2.7	23.1	865	8.8	353	8.53			1.540	200.0	
Q012810		9.6	528	1.0	16.8	61	15.4		1.285					
Q012811		17.8	1380	3.1	21.9	400	38.2	134	3.62					
Q012812		28.0	1780	7.5	19.8	942	50.6	429	15.90				162.5	
Q012813		41.9	3340	9.5	41.7	1160	61.0	188	6.20				280	

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ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q012814		0.47	0.74	>100	2.49	3790	2440	1.07	0.13	1.04	20.0	67.5	0.4	178	2.82	351
Q012815		0.58	0.06	>100	2.55	1305	1120	0.77	0.14	0.35	20.3	52.2	0.3	97	2.79	302
Q012816		0.36	0.01	15.30	6.95	436	3750	1.50	0.20	0.42	42.9	121.5	0.9	140	11.75	55.6
Q012817		0.79	<0.01	5.26	4.74	3430	1430	1.30	0.11	0.50	291	65.5	0.7	201	7.31	39.6
Q012818		0.43	<0.01	4.10	5.68	1205	1590	1.15	0.12	0.45	127.0	77.9	0.6	169	7.99	46.7
Q012819		0.53	<0.01	3.55	3.14	2120	650	0.80	0.08	0.43	198.5	45.4	0.6	223	5.37	68.5
Q012820		0.76	<0.01	2.02	1.87	2320	580	0.61	0.07	0.42	133.0	23.2	0.5	154	3.90	43.5
Q012821		0.55	<0.01	1.74	2.18	353	1070	0.57	0.09	0.33	18.15	30.1	0.5	60	5.18	30.2
Q012822		0.84	<0.01	0.96	1.12	308	400	0.30	0.04	0.17	12.75	15.50	0.3	35	2.06	10.1
Q012823		0.63	<0.01	1.86	3.36	187.5	1080	0.68	0.11	2.19	5.07	50.0	1.0	79	5.63	16.4
Q012824		0.56	<0.01	2.49	3.49	57.5	1260	0.73	0.11	0.31	6.22	65.0	0.6	87	6.87	18.6
Q012825		0.57	<0.01	2.37	3.21	36.2	1560	0.67	0.09	0.32	5.08	51.9	0.6	72	6.15	15.8
Q012826		0.54	<0.01	2.43	5.05	537	3570	0.80	0.11	0.44	12.85	69.3	1.7	130	6.53	28.6
Q012827		0.51	0.13	48.2	1.50	1215	860	0.45	0.08	0.37	7.61	36.3	0.4	109	2.50	159.0
Q012828		0.72	0.30	>100	1.39	3710	720	0.53	0.07	0.35	31.9	26.8	0.9	105	1.82	354
Q012829		0.68	0.51	>100	1.68	3930	820	0.75	0.09	0.59	26.7	24.1	1.6	101	2.31	354
Q012830		0.50	0.34	>100	2.62	2020	1350	1.07	0.13	0.70	36.1	41.3	3.4	93	3.79	229
Q012831		0.65	0.61	>100	1.04	5080	620	0.50	0.08	0.58	26.1	20.2	0.4	77	1.35	242
Q012832		0.87	0.54	>100	2.38	1545	1680	1.07	0.14	0.84	50.5	58.2	0.5	107	2.82	463
Q012833		1.35	0.02	17.95	9.54	3450	1600	1.73	0.16	0.86	113.0	63.7	1.1	188	8.03	50.0
Q012834		0.51	0.01	9.40	9.53	3780	1230	1.40	0.07	0.54	115.5	34.4	0.5	144	4.63	23.5
Q012835		0.66	<0.01	3.88	3.81	6430	1010	0.99	0.11	0.76	79.3	42.0	0.6	270	6.69	24.2
Q012836		0.70	<0.01	3.13	3.18	1835	1230	0.73	0.12	0.49	65.9	44.7	0.9	106	7.16	24.3
Q012837		0.53	<0.01	5.48	3.50	266	730	0.72	0.08	0.40	29.2	49.5	0.6	97	7.98	29.9
Q012838		0.39	<0.01	3.53	4.50	144.0	2120	1.01	0.16	0.51	20.9	68.4	0.8	107	8.74	21.6
Q012839		0.44	<0.01	1.25	11.90	5700	710	1.72	0.05	0.56	225	20.0	0.5	165	4.51	21.7
Q012840		0.43	<0.01	4.39	7.80	3130	860	1.33	0.07	0.68	189.0	32.4	0.6	179	4.65	23.4
Q012841		0.31	0.87	>100	0.50	>10000	100	0.23	0.05	0.20	11.25	4.61	0.3	50	0.26	235
Q012842		0.14	<0.01	3.47	4.08	137	690	1.32	0.10	13.55	16.15	50.4	7.3	87	9.51	42.0
Q012843		0.08	0.02	9.17	3.73	313	520	1.45	0.11	12.25	6.47	40.6	7.3	65	7.37	43.1
Q012844		0.13	<0.01	1.00	4.91	76	520	1.66	0.14	12.30	5.72	49.4	11.7	68	10.90	28.4
Q012845		0.32	0.19	7.74	4.76	2420	730	2.36	0.20	2.26	259	108.0	6.1	315	22.7	128.0
Q012846		0.33	0.23	7.19	7.37	3030	1550	2.44	0.25	0.59	246	129.5	88.7	107	18.90	109.5
Q012847		0.18	0.17	5.87	6.11	1965	970	2.41	0.23	1.55	133.5	104.5	6.9	96	20.2	123.0
Q012848		0.24	0.15	9.29	9.42	3260	1450	2.97	0.26	0.35	177.5	84.4	86.8	139	25.5	86.4
Q012849		0.18	0.05	2.24	0.39	133	160	0.22	0.02	35.6	47.7	14.35	1.7	10	1.32	12.4
Q012850		0.21	0.26	29.4	0.98	334	210	0.58	0.04	0.31	26.9	17.95	2.4	47	3.95	55.4
Q012851		0.17	0.10	5.10	6.29	2660	1490	2.73	0.24	6.18	171.5	113.5	28.9	110	20.6	112.5
Q012852		0.07	0.09	1.19	0.36	125	120	0.21	0.02	35.0	29.4	9.80	1.6	9	1.23	11.6
Q012853		0.17	0.12	1.77	0.91	271	240	0.41	0.03	32.9	46.5	16.25	3.2	17	3.22	20.3

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CERTIFICATE OF ANALYSIS WH13156429

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012814		1.05	13.55	0.21	0.9	>100	0.102	0.51	83.5	13.9	0.11	35	188.0	<0.01	3.3	49.8
Q012815		0.34	8.06	0.21	1.1	>100	0.053	0.59	57.2	14.8	0.09	15	128.0	<0.01	3.8	21.2
Q012816		0.92	16.95	0.29	3.1	8.52	0.033	2.53	104.5	24.7	0.44	23	106.0	0.04	14.5	41.0
Q012817		6.04	15.35	0.17	1.6	3.28	0.062	1.64	56.3	14.5	0.23	16	71.9	0.02	6.7	74.0
Q012818		2.94	13.50	0.17	1.9	2.56	0.055	1.78	69.2	15.3	0.25	19	30.0	0.02	7.7	107.5
Q012819		4.02	9.75	0.14	1.2	5.56	0.046	1.15	39.9	8.5	0.16	26	26.6	0.01	4.5	28.2
Q012820		4.37	7.07	0.11	0.9	1.70	0.042	0.67	22.5	6.0	0.10	14	40.1	0.01	2.7	26.0
Q012821		1.57	5.88	0.10	1.1	1.26	0.013	0.82	36.3	9.2	0.13	31	15.45	0.01	3.6	17.4
Q012822		2.02	3.17	0.10	0.5	0.54	0.008	0.41	13.6	4.8	0.07	19	69.5	0.01	2.1	12.5
Q012823		0.99	8.75	0.14	1.6	1.35	0.010	1.22	44.1	14.5	0.24	41	16.40	0.02	6.2	33.1
Q012824		0.44	9.90	0.16	1.6	1.59	0.017	1.25	63.2	13.6	0.22	20	10.70	0.02	6.9	29.8
Q012825		0.46	8.51	0.16	1.4	1.13	0.010	1.11	47.1	12.1	0.20	27	7.07	0.01	6.2	24.9
Q012826		3.02	11.65	0.16	1.6	1.44	0.033	1.32	60.2	21.0	0.26	25	49.9	0.02	7.1	42.2
Q012827		1.04	5.50	0.14	0.6	75.9	0.046	0.44	48.8	12.5	0.11	81	54.9	0.01	2.2	25.9
Q012828		1.88	6.28	0.18	0.5	>100	0.092	0.35	34.1	10.9	0.08	43	189.5	0.01	1.7	31.7
Q012829		2.14	9.74	0.20	0.6	>100	0.136	0.45	26.5	14.3	0.10	79	365	0.01	2.2	54.0
Q012830		1.69	8.20	0.20	1.1	>100	0.051	0.69	43.3	17.2	0.15	57	164.5	0.02	4.3	84.8
Q012831		1.76	7.18	0.16	0.4	>100	0.094	0.25	24.5	13.9	0.06	61	138.5	<0.01	1.4	28.9
Q012832		1.28	10.75	0.25	1.0	>100	0.184	0.49	69.5	13.2	0.09	24	196.0	0.01	3.6	48.5
Q012833		4.48	9.60	0.23	1.7	14.1	0.076	1.24	54.6	22.9	0.21	18	140.5	0.03	7.4	675
Q012834		4.32	6.79	0.19	0.9	6.28	0.050	0.73	28.8	17.4	0.12	7	70.7	0.01	4.3	938
Q012835		7.63	11.55	0.21	1.1	2.76	0.108	1.03	35.7	10.8	0.16	25	92.0	0.02	4.3	160.0
Q012836		5.88	8.85	0.19	1.4	2.04	0.036	1.22	39.8	12.0	0.20	23	48.5	0.02	6.2	38.0
Q012837		1.61	9.75	0.14	1.6	3.66	0.019	1.52	43.5	12.7	0.20	43	45.3	0.02	7.7	24.3
Q012838		0.75	13.10	0.15	2.1	2.27	0.025	1.86	61.1	15.2	0.29	25	24.7	0.03	9.7	38.9
Q012839		7.29	4.81	0.22	0.7	1.05	0.052	0.54	14.9	18.4	0.09	<5	117.5	0.01	3.2	1320
Q012840		6.82	6.65	0.22	0.8	5.04	0.084	0.75	26.3	16.9	0.12	10	162.5	0.02	3.7	668
Q012841		4.36	6.24	0.18	0.1	>100	0.130	0.09	5.1	18.3	0.04	61	82.3	<0.01	0.4	15.1
Q012842		1.87	9.81	0.14	1.6	2.48	0.045	2.06	39.3	19.3	2.54	176	21.1	0.05	7.7	67.4
Q012843		2.47	10.20	0.13	1.4	7.41	0.040	1.99	28.2	21.4	6.05	229	20.6	0.04	7.0	56.9
Q012844		2.32	14.35	0.15	1.9	0.58	0.052	2.64	32.2	24.5	5.43	195	13.70	0.05	9.1	62.3
Q012845		2.46	15.25	0.34	2.3	12.0	0.062	2.02	151.0	25.9	0.46	123	3.27	0.04	7.2	193.5
Q012846		4.19	17.15	0.58	3.1	17.9	0.061	3.13	102.5	22.3	0.61	854	51.5	0.04	13.3	472
Q012847		3.40	15.55	0.34	2.6	42.8	0.080	2.47	88.3	23.5	0.53	178	35.8	0.04	10.3	296
Q012848		5.04	24.1	0.58	3.9	15.1	0.073	4.58	53.8	22.5	0.79	1700	64.9	0.04	15.7	698
Q012849		0.20	1.26	0.07	0.2	4.87	0.009	0.17	15.9	1.9	0.33	52	2.56	0.01	0.9	18.0
Q012850		0.68	2.98	0.10	0.4	9.02	0.009	0.40	19.8	5.0	0.09	46	4.71	0.01	1.9	60.3
Q012851		3.96	17.65	0.39	2.6	25.9	0.071	2.49	110.0	28.8	0.51	437	38.9	0.04	11.1	518
Q012852		0.26	1.08	0.06	0.2	2.47	0.005	0.15	10.6	1.9	0.17	89	2.70	0.01	0.9	19.9
Q012853		0.49	2.58	0.09	0.4	7.27	0.010	0.38	15.9	4.4	0.33	87	7.15	0.01	2.0	45.8

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012814		5720	>10000	22.4	0.029	0.60	375	6.7	15	1.4	763	0.21	0.14	4.1	0.085	12.55
Q012815		3890	>10000	24.8	0.017	1.94	388	5.7	23	1.1	333	0.25	0.11	4.4	0.118	12.50
Q012816		2550	5280	122.0	0.008	0.23	55.2	6.6	10	2.7	579	0.99	0.18	11.5	0.408	70.2
Q012817		2360	757	71.2	0.008	0.57	88.8	8.0	4	1.7	329	0.46	0.17	6.9	0.211	106.5
Q012818		1710	332	78.3	0.003	0.26	32.8	7.8	3	1.6	317	0.53	0.12	6.9	0.251	64.9
Q012819		1020	241	51.5	0.003	0.16	53.3	4.2	2	1.1	149.5	0.30	0.14	6.5	0.160	52.6
Q012820		960	131.5	32.2	0.004	0.20	49.8	2.7	4	0.8	105.0	0.19	0.10	5.3	0.094	48.8
Q012821		750	81.6	38.5	<0.002	0.13	8.58	2.0	2	0.9	160.0	0.24	0.09	3.1	0.121	14.75
Q012822		320	61.4	18.8	0.003	0.13	11.15	1.0	1	0.5	69.5	0.14	0.06	1.8	0.069	9.12
Q012823		670	55.0	55.5	0.002	0.23	16.15	2.7	2	1.3	195.5	0.42	0.07	4.7	0.207	13.85
Q012824		720	50.0	65.1	0.003	0.13	16.00	3.0	<1	1.5	193.5	0.48	0.09	5.8	0.213	16.45
Q012825		880	43.8	56.3	0.002	0.11	10.45	2.5	1	1.2	219	0.41	0.11	4.8	0.192	13.35
Q012826		3060	59.2	61.0	0.002	0.33	17.60	3.7	4	1.4	756	0.50	0.13	7.3	0.238	19.90
Q012827		1360	>10000	19.8	0.009	0.24	222	1.7	13	0.7	263	0.14	0.09	2.5	0.072	18.15
Q012828		2250	>10000	15.2	0.017	0.53	691	2.1	43	0.8	216	0.11	0.15	2.4	0.051	41.8
Q012829		2660	>10000	19.9	0.015	0.59	419	3.6	31	0.8	228	0.15	0.12	2.2	0.059	23.3
Q012830		3120	>10000	30.2	0.008	0.55	147.0	4.8	19	1.1	321	0.29	0.10	3.6	0.112	18.80
Q012831		2290	>10000	11.1	0.022	0.46	405	2.4	17	0.7	191.5	0.11	0.08	1.4	0.034	12.70
Q012832		5690	>10000	22.0	0.072	1.22	718	7.0	26	1.7	737	0.25	0.16	3.7	0.083	21.8
Q012833		5590	9680	59.6	0.020	0.28	81.2	22.2	8	1.2	309	0.49	0.12	6.5	0.184	77.0
Q012834		3500	2440	37.5	0.006	0.12	63.3	20.9	5	0.7	232	0.28	0.09	3.6	0.103	51.3
Q012835		4010	317	51.7	0.011	0.47	69.5	8.2	9	0.8	222	0.28	0.13	8.2	0.119	106.0
Q012836		1170	283	55.1	0.010	0.32	26.0	3.6	11	1.1	200	0.43	0.11	5.1	0.173	32.4
Q012837		590	388	65.5	0.006	0.41	17.10	3.7	6	1.2	164.0	0.52	0.14	5.5	0.198	25.7
Q012838		1270	166.5	87.2	0.002	0.20	17.25	4.4	3	1.7	286	0.64	0.14	7.6	0.275	18.30
Q012839		4910	84.2	27.0	0.006	0.11	88.7	28.1	6	0.5	184.0	0.20	0.09	2.5	0.071	74.1
Q012840		4750	964	35.7	0.012	0.25	70.3	21.4	7	0.6	189.5	0.24	0.11	3.6	0.097	84.7
Q012841		4110	>10000	3.3	0.078	0.64	1255	1.5	29	0.6	40.8	<0.05	0.07	0.5	0.007	14.30
Q012842		1000	298	93.8	0.003	0.09	15.90	7.9	4	1.4	251	0.53	0.09	6.1	0.218	3.07
Q012843		470	887	93.7	0.002	0.11	25.4	8.4	5	1.4	132.0	0.46	0.08	5.5	0.200	1.72
Q012844		470	68.9	128.5	0.004	0.04	11.30	10.6	3	1.7	133.0	0.61	0.05	7.6	0.258	2.56
Q012845		8990	105.5	106.5	0.002	0.07	28.9	16.6	5	1.8	192.5	0.48	0.20	8.9	0.229	22.4
Q012846		2350	331	131.5	0.002	0.01	49.5	12.6	112	2.6	452	0.96	0.11	11.8	0.392	36.7
Q012847		4540	229	113.5	0.002	0.08	40.5	11.8	41	2.3	264	0.73	0.13	11.0	0.282	28.6
Q012848		1240	1660	186.0	<0.002	0.01	66.6	17.2	127	3.6	246	1.10	0.12	12.9	0.458	40.6
Q012849		920	52.6	8.5	0.002	0.01	3.32	1.3	4	0.2	226	0.05	<0.05	0.7	0.020	1.55
Q012850		700	63.2	19.5	0.012	0.05	5.17	2.8	5	0.4	43.5	0.10	<0.05	1.8	0.050	6.47
Q012851		3050	1225	121.0	0.002	0.04	59.7	16.9	40	2.3	546	0.74	0.12	10.9	0.291	30.7
Q012852		210	53.1	7.8	0.002	<0.01	2.72	1.5	4	0.2	164.0	0.05	<0.05	0.7	0.019	1.48
Q012853		460	73.1	20.1	<0.002	0.01	5.79	2.4	7	0.4	207	0.12	<0.05	1.6	0.047	4.26

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Ag- OG62	Pb- OG62	Ag- GRA21	Zn- OG62	As- OG62	Hg- CV42	Pb- VOL70
Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Ag	Zn	As	Hg	Pb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	%
LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	5	0.001	0.001	0.1	0.01
Q012814	41.9	2220	7.7	34.6	874	41.9	195	4.54				222	
Q012815	29.3	1010	5.9	15.1	596	38.4	583	>20.0				112.5	20.48
Q012816	30.5	1980	6.5	33.7	488	119.5							
Q012817	40.0	3740	4.1	35.7	1310	66.0							
Q012818	19.3	2530	3.3	45.9	752	67.7							
Q012819	25.5	3450	3.5	31.3	805	66.4							
Q012820	19.0	3610	3.9	18.9	784	54.2							
Q012821	6.0	1180	1.4	13.9	342	36.7							
Q012822	3.0	832	1.2	5.4	295	19.5							
Q012823	7.0	1040	2.2	15.7	297	54.8							
Q012824	8.6	1240	2.5	16.6	226	58.8							
Q012825	8.0	882	2.3	13.8	203	53.4							
Q012826	14.3	2170	3.8	21.7	1200	60.0							
Q012827	12.0	989	1.7	11.0	211	25.5		1.620					
Q012828	20.2	1300	1.9	17.0	514	18.4	132	3.55				189.5	
Q012829	13.4	1530	3.5	26.6	1090	26.2	223	5.12				410	
Q012830	15.3	1560	4.3	38.8	1140	41.5	217	5.16				246	
Q012831	13.2	1140	3.8	30.2	742	19.5	311	4.48				396	
Q012832	36.0	1680	8.0	50.2	1000	42.3	585	14.30				345	
Q012833	35.9	3990	4.4	48.6	1650	75.8							
Q012834	32.2	3160	2.8	21.5	1700	46.2							
Q012835	28.4	4330	2.3	15.2	1480	70.1							
Q012836	8.3	1840	2.7	15.6	914	61.0							
Q012837	6.8	1320	4.7	14.7	270	67.1							
Q012838	9.6	1570	3.5	22.7	412	88.1							
Q012839	45.5	4610	1.9	15.9	2630	35.4							
Q012840	32.0	4210	2.1	22.0	1860	37.8							
Q012841	15.2	2120	2.4	6.8	1140	6.6	647	6.26			1.685	466	
Q012842	8.6	1070	1.0	40.7	473	60.9							
Q012843	11.0	488	0.9	27.7	176	59.0							
Q012844	8.0	521	1.1	24.9	400	75.7							
Q012845	10.7	831	2.6	156.5	1920	111.5							
Q012846	10.9	1770	5.3	106.5	3760	123.0							
Q012847	20.9	1210	3.4	82.6	2860	92.8							
Q012848	11.5	2280	11.2	48.0	5060	145.0							
Q012849	10.4	118	0.3	19.1	195	7.8							
Q012850	2.6	242	0.5	20.6	471	22.3							
Q012851	13.0	1490	4.8	134.5	3810	106.5							
Q012852	4.0	106	0.2	15.0	178	8.0							
Q012853	5.1	211	0.6	21.3	446	18.6							

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VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012854		0.04	0.80	>100	3.84	>10000	1780	6.29	0.13	1.00	678	91.6	697	121	11.90	459
Q012855		0.11	0.13	5.16	4.51	1440	950	2.03	0.17	13.20	99.7	75.7	12.8	79	15.05	84.2
Q012856		0.30	0.12	1.27	1.07	411	320	0.53	0.04	33.6	57.2	18.25	3.1	30	4.82	22.0
Q012857		0.45	0.30	6.15	8.32	5230	2430	4.28	0.34	3.65	325	121.0	11.3	167	22.7	138.0
Q012858		0.64	0.15	4.64	3.74	1320	1260	1.79	0.14	15.25	109.5	64.7	16.2	106	11.40	91.5
Q012859		0.82	0.31	6.88	6.20	3060	1550	3.08	0.26	0.74	138.0	105.5	8.0	145	16.90	139.0
Q012860		0.48	0.10	3.14	6.98	1915	920	3.02	0.24	9.23	73.6	78.9	23.4	98	20.3	85.5
Q012861		0.82	0.17	5.38	8.61	1490	1040	3.61	0.24	0.71	50.6	110.0	17.8	132	23.5	86.1
Q012862		0.47	0.15	5.00	7.30	1440	1150	2.88	0.23	2.06	27.4	84.2	24.3	104	18.95	71.2
Q012863		0.41	0.09	3.19	1.44	193	220	0.69	0.04	30.3	27.0	26.6	3.9	18	3.94	16.0
Q012864		0.73	0.36	8.75	8.38	1615	790	4.00	0.23	0.76	50.3	97.8	27.2	116	25.2	94.7
Q012865		0.34	0.21	5.28	8.00	1040	700	3.00	0.19	1.46	36.6	83.9	18.0	131	25.0	75.8
Q012866		0.45	0.04	3.10	8.95	1190	670	3.69	0.22	0.43	36.8	82.2	20.9	129	29.0	79.2
Q012867		0.32	0.04	1.09	0.25	75	140	0.37	0.01	37.1	32.4	5.73	1.2	6	1.06	6.6
Q012868		0.52	0.34	4.81	4.18	2070	480	2.31	0.14	12.35	193.0	62.7	14.9	77	15.55	54.9
Q012869		0.41	0.70	7.23	8.44	4950	990	4.16	0.29	1.03	418	128.0	11.3	148	29.5	114.5
Q012870		0.47	0.70	11.10	6.10	9090	1490	5.35	0.23	2.53	748	120.5	15.1	201	22.2	256
Q012871		0.27	0.33	16.95	7.31	>10000	1140	9.15	0.09	0.91	869	16.90	231	176	9.08	267
Q012872		0.18	0.16	4.42	23.6	9600	2650	9.74	0.04	1.19	107.5	3.89	305	43	3.12	187.0
Q012873		0.20	0.37	6.13	19.05	>10000	3870	7.78	0.02	1.34	117.0	9.49	52.8	36	2.21	185.0
Q012874		0.26	0.13	13.30	4.43	>10000	1080	5.89	0.04	1.16	>1000	17.20	174.0	186	4.88	304
Q012875		0.14	0.14	4.70	12.55	>10000	1000	7.88	0.07	1.05	167.0	8.08	61.0	88	2.98	139.0
Q012876		0.13	0.13	4.54	13.65	>10000	1290	16.10	0.02	1.10	299	11.35	49.1	52	0.98	276
Q012877		0.10	0.03	2.79	13.25	>10000	910	12.20	0.01	1.05	195.0	0.78	27.6	29	0.12	158.0
Q012878		0.52	0.04	5.26	21.2	>10000	1280	11.30	0.06	1.21	169.0	6.86	260	48	3.74	192.5
Q012879		0.14	0.06	6.52	14.65	9890	1030	13.25	0.11	0.64	167.5	7.65	549	49	6.54	229
Q012880		0.26	0.04	4.99	13.90	>10000	600	17.75	0.11	0.91	177.0	8.02	404	42	6.13	177.5
Q012881		0.28	0.15	11.80	9.21	>10000	3030	8.76	0.06	1.13	281	38.2	155.0	110	3.65	174.0
Q012882		0.24	0.07	6.61	13.20	>10000	900	11.35	0.04	0.87	229	11.00	603	52	1.58	227
Q012883		0.27	0.14	6.56	11.35	>10000	1000	10.20	0.11	0.81	198.5	12.35	111.0	91	7.43	160.5
Q012884		0.15	0.04	6.20	11.50	>10000	990	9.93	0.06	0.70	203	13.85	647	71	4.38	227
Q012885		0.35	0.15	6.18	15.05	9150	1700	15.05	0.09	0.67	169.5	14.00	538	54	8.37	229
Q012886		0.11	0.01	0.96	0.34	>10000	250	1.06	<0.01	33.5	14.50	5.02	13.0	7	0.39	16.4
Q012887		0.20	<0.01	0.30	0.27	2810	3110	1.01	<0.01	36.7	4.43	3.42	8.5	4	0.28	6.3
Q012888		0.53	0.01	0.36	0.06	3280	100	0.57	<0.01	38.2	3.05	3.09	2.6	3	0.12	3.4
Q012889		0.55	0.01	0.26	0.04	5650	110	0.43	0.01	34.9	2.59	2.66	2.8	4	0.13	1.9
Q012890		0.14	<0.01	0.17	0.09	4130	4050	1.18	0.01	33.9	1.00	2.74	2.0	2	0.27	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
Q012854		25.3	11.45	1.47	1.9	80.2	0.058	1.68	74.9	12.9	0.31	9160	151.0	0.02	6.1	4960
Q012855		2.64	13.95	0.28	1.9	29.6	0.053	1.89	65.3	23.2	0.49	184	25.3	0.03	8.7	258
Q012856		0.58	3.11	0.08	0.5	10.8	0.012	0.42	19.4	5.8	0.39	150	2.18	0.01	2.0	59.0
Q012857		5.07	22.1	0.31	4.1	23.6	0.090	3.75	93.7	42.2	0.75	183	7.83	0.05	16.7	365
Q012858		2.03	11.35	0.18	1.8	8.40	0.038	1.41	67.7	23.3	0.57	259	8.20	0.04	7.4	171.5
Q012859		3.61	18.20	0.31	3.0	11.6	0.063	2.53	100.0	35.6	0.55	145	17.85	0.04	12.4	284
Q012860		3.83	20.7	0.26	2.9	14.8	0.076	2.76	57.9	44.5	0.71	274	28.1	0.05	12.4	326
Q012861		4.10	25.1	0.36	3.6	22.0	0.088	3.96	78.6	32.1	0.71	162	37.2	0.05	15.0	327
Q012862		4.16	20.5	0.31	2.9	20.2	0.078	3.20	59.3	30.3	0.67	292	41.9	0.05	12.7	344
Q012863		0.95	4.39	0.10	0.6	4.16	0.017	0.67	22.5	7.3	0.37	124	8.05	0.02	2.6	49.9
Q012864		4.46	25.8	0.32	3.3	32.6	0.091	3.97	64.6	41.1	0.77	273	38.9	0.05	14.3	286
Q012865		3.81	21.6	0.27	3.1	29.8	0.071	3.68	61.1	25.9	0.76	171	28.9	0.05	13.7	251
Q012866		4.52	23.6	0.26	3.2	26.5	0.080	4.20	52.6	40.3	0.88	259	22.1	0.06	13.9	254
Q012867		0.14	0.71	0.07	0.1	1.45	<0.005	0.10	7.5	1.5	0.31	139	0.60	<0.01	0.5	10.1
Q012868		2.77	10.70	0.20	1.8	13.9	0.034	1.81	53.3	17.2	5.42	258	10.25	0.03	8.7	264
Q012869		5.86	19.45	0.34	3.6	46.5	0.062	3.57	115.5	30.0	0.74	203	11.70	0.04	15.2	590
Q012870		10.65	15.35	0.43	2.6	67.5	0.060	2.50	145.5	20.4	0.63	307	31.8	0.03	9.9	1060
Q012871		18.70	8.42	0.46	1.3	75.9	0.269	0.99	14.3	13.7	0.26	1260	31.8	0.01	3.6	2260
Q012872		1.03	3.45	0.14	0.6	23.6	0.022	0.64	2.7	22.7	0.22	1160	24.2	<0.01	2.3	2110
Q012873		1.89	2.58	0.26	0.4	11.8	0.024	0.35	3.8	33.5	0.18	197	207	0.01	1.0	4830
Q012874		34.7	8.49	1.76	0.7	85.8	0.254	0.34	12.6	6.7	0.18	1390	40.9	0.01	1.4	2400
Q012875		4.37	3.44	0.14	0.9	24.3	0.037	0.56	7.6	8.0	0.15	352	13.25	0.01	3.0	1090
Q012876		7.37	2.07	0.26	0.4	22.3	0.030	0.20	9.3	6.1	0.11	394	34.1	<0.01	1.0	1810
Q012877		0.59	0.67	0.29	0.1	9.08	0.048	0.06	<0.5	9.3	0.07	188	82.7	<0.01	0.3	3610
Q012878		1.74	4.30	0.18	1.1	21.6	0.030	0.90	3.8	17.7	0.26	1920	51.2	0.01	4.0	2780
Q012879		2.23	6.97	0.16	1.9	28.7	0.031	1.40	3.8	27.7	0.26	3530	14.75	0.02	6.5	1900
Q012880		1.90	5.84	0.16	1.5	19.6	0.031	1.18	4.3	22.7	0.25	2740	11.20	0.02	5.3	1320
Q012881		5.82	3.96	0.30	0.9	40.0	0.041	0.52	44.0	14.6	0.15	1120	20.0	0.01	2.7	1080
Q012882		4.54	2.67	0.23	0.6	26.3	0.030	0.34	6.9	17.1	0.12	3870	27.4	0.01	1.8	2250
Q012883		5.09	6.10	0.18	1.6	29.1	0.043	1.27	7.1	16.5	0.24	659	14.10	0.01	6.2	1520
Q012884		3.92	4.42	0.20	1.1	21.3	0.031	0.78	8.1	20.9	0.16	4000	18.20	0.01	3.5	1850
Q012885		2.27	6.81	0.19	1.6	34.4	0.032	1.47	6.6	30.4	0.28	3230	13.70	0.02	6.7	1910
Q012886		7.45	0.52	0.13	0.1	1.56	0.016	0.03	6.8	0.7	0.10	646	7.44	<0.01	0.4	195.5
Q012887		2.92	0.37	0.08	0.1	4.72	0.006	0.03	3.6	0.6	0.10	565	6.77	<0.01	0.3	123.5
Q012888		1.81	0.27	0.05	<0.1	2.39	0.006	0.01	3.3	0.4	0.12	548	7.30	<0.01	0.2	67.8
Q012889		6.40	0.23	0.15	<0.1	7.49	0.009	0.01	3.0	0.3	0.10	605	12.25	<0.01	0.3	177.0
Q012890		1.25	0.32	0.06	<0.1	2.76	0.008	0.03	4.9	0.4	0.12	455	2.48	<0.01	0.3	27.3

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
Q012854		1980	1965	69.0	0.002	0.15	141.5	31.3	204	1.6	235	0.44	0.17	5.5	0.183	142.5
Q012855		2840	494	90.8	<0.002	0.03	30.0	11.3	27	1.7	355	0.57	0.09	7.9	0.231	21.3
Q012856		710	63.6	23.4	<0.002	0.01	7.22	4.0	3	0.4	261	0.11	<0.05	1.7	0.045	8.32
Q012857		2690	45.6	164.0	<0.002	0.03	61.7	26.1	5	3.0	690	1.18	0.21	15.3	0.476	32.3
Q012858		2280	63.8	70.9	<0.002	0.03	18.15	12.4	7	1.4	539	0.50	0.09	6.9	0.190	18.20
Q012859		2860	174.5	117.0	0.002	0.04	40.5	20.2	14	2.3	318	0.83	0.13	11.5	0.328	25.8
Q012860		1450	146.0	134.0	<0.002	0.02	25.2	17.6	23	2.4	267	0.88	0.11	11.7	0.343	25.9
Q012861		2720	316	184.5	<0.002	0.02	30.8	17.7	34	3.0	238	1.11	0.12	13.1	0.438	28.0
Q012862		1660	257	152.0	<0.002	0.02	28.7	14.9	29	2.6	326	0.86	0.11	11.7	0.368	24.6
Q012863		280	29.3	34.3	0.006	0.01	4.95	4.8	8	0.5	316	0.17	<0.05	2.2	0.069	2.85
Q012864		2270	704	189.5	<0.002	0.02	44.0	20.3	26	3.0	151.0	0.98	0.09	11.8	0.411	28.2
Q012865		1870	273	165.5	<0.002	0.02	26.5	13.8	19	2.8	121.0	0.91	0.10	11.8	0.427	27.8
Q012866		910	186.0	189.5	<0.002	0.01	30.6	15.5	14	3.1	89.6	0.96	0.09	12.6	0.455	28.6
Q012867		430	10.2	4.4	<0.002	<0.01	1.30	1.5	2	<0.2	256	<0.05	<0.05	0.3	0.010	1.42
Q012868		1610	48.6	78.0	0.002	0.02	37.3	10.4	8	1.6	174.5	0.54	0.05	7.3	0.235	19.40
Q012869		3350	222	148.5	0.002	0.02	95.9	19.1	7	2.9	228	0.99	0.12	15.2	0.453	36.7
Q012870		5970	535	105.5	0.002	0.06	166.5	21.8	15	2.3	366	0.62	0.15	10.4	0.301	30.1
Q012871		4110	1675	32.1	0.002	0.04	130.0	21.4	10	0.9	119.5	0.25	0.15	4.2	0.097	26.4
Q012872		6050	69.8	11.2	<0.002	0.12	14.30	7.1	5	0.5	727	0.15	0.06	1.1	0.064	23.3
Q012873		7100	45.5	5.4	<0.002	0.05	63.7	8.7	5	0.3	823	0.08	0.05	0.6	0.030	28.4
Q012874		6100	140.5	15.8	0.003	0.03	145.0	52.8	16	0.3	58.9	0.13	0.13	2.5	0.031	31.1
Q012875		7570	324	13.5	<0.002	0.04	34.6	19.3	5	0.6	164.0	0.19	0.09	1.9	0.072	13.45
Q012876		7230	300	3.5	<0.002	0.05	61.8	9.0	14	0.2	182.0	0.09	<0.05	0.8	0.023	9.83
Q012877		7630	20.7	0.3	<0.002	0.05	28.6	7.3	3	<0.2	38.5	<0.05	<0.05	<0.2	0.007	5.17
Q012878		5600	75.5	17.2	<0.002	0.08	24.8	5.1	6	0.8	238	0.26	0.07	1.9	0.119	29.9
Q012879		3500	31.3	30.0	<0.002	0.08	19.85	5.0	6	1.1	102.0	0.42	0.07	2.7	0.190	50.3
Q012880		4230	57.6	24.6	<0.002	0.05	16.15	4.9	8	0.9	33.5	0.35	0.07	2.5	0.158	44.4
Q012881		7060	1875	20.4	0.003	0.05	46.5	8.9	10	0.8	882	0.19	0.10	2.5	0.065	22.3
Q012882		6430	688	7.6	<0.002	0.05	39.8	14.5	7	0.4	129.0	0.13	0.07	1.2	0.046	47.0
Q012883		5830	330	29.3	<0.002	0.04	52.5	17.1	6	1.1	149.0	0.40	0.11	3.4	0.163	28.1
Q012884		4320	92.8	19.8	<0.002	0.06	47.5	5.3	6	0.7	140.0	0.24	0.06	2.5	0.093	55.0
Q012885		3770	21.3	37.0	<0.002	0.06	19.00	6.1	5	1.1	154.0	0.41	0.07	3.4	0.195	41.7
Q012886		970	6.1	1.5	<0.002	0.05	13.75	7.0	3	<0.2	81.4	<0.05	<0.05	0.4	0.006	3.92
Q012887		710	17.8	1.2	<0.002	0.11	9.07	3.3	4	<0.2	127.0	<0.05	<0.05	0.3	<0.005	1.24
Q012888		410	20.5	0.5	0.002	0.02	14.20	4.9	3	<0.2	122.0	<0.05	<0.05	0.2	<0.005	2.17
Q012889		260	6.9	0.5	<0.002	0.05	14.85	3.8	13	<0.2	67.2	<0.05	0.05	0.2	<0.005	1.84
Q012890		450	15.2	1.3	0.002	0.15	5.00	1.3	4	<0.2	89.6	<0.05	<0.05	0.2	<0.005	1.17

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Ag-GRA21	Zn-OG62	As-OG62	Hg-CV42	Pb-VOL70
Method / Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Ag	Zn	As	Hg	Pb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	%
LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	5	0.001	0.001	0.1	0.01
Q012854	12.4	3540	8.5	118.5	>10000	82.4	151			2.45	1.295		
Q012855	14.7	946	3.0	66.0	2380	78.4							
Q012856	9.0	255	0.9	25.2	892	24.0							
Q012857	23.7	1470	6.0	92.6	4940	165.5							
Q012858	8.5	619	2.2	67.6	1830	75.6							
Q012859	12.4	1430	4.2	97.7	3160	125.0							
Q012860	9.3	1170	3.0	53.5	3170	111.0							
Q012861	12.1	1200	4.8	74.0	3140	132.5							
Q012862	9.0	1020	4.0	45.0	2950	110.5							
Q012863	6.6	234	0.5	25.7	637	24.1							
Q012864	10.8	1220	3.6	65.0	2950	125.0							
Q012865	9.9	973	4.9	52.1	2080	119.5							
Q012866	8.0	1320	2.9	41.0	2530	124.5							
Q012867	8.9	53	0.4	14.1	144	5.5							
Q012868	16.7	1360	2.0	50.0	2670	75.0							
Q012869	27.8	2510	4.6	104.0	5350	143.0							
Q012870	32.8	3510	6.2	163.5	>10000	127.0				1.030			
Q012871	31.4	3950	4.4	148.0	>10000	56.0				1.890	2.06		
Q012872	38.7	1140	1.8	84.2	8270	26.6							
Q012873	119.5	1180	2.6	84.7	8800	16.3					1.210		
Q012874	102.0	6860	2.8	262	>10000	27.1				2.65	3.64		
Q012875	58.3	1200	2.9	96.0	7680	38.5					1.665		
Q012876	101.5	1530	1.6	198.0	>10000	20.1				1.195	1.845		
Q012877	74.8	1230	0.6	41.1	7660	4.5					1.865		
Q012878	47.9	1080	2.4	119.0	7650	40.5					1.355		
Q012879	33.0	1270	4.7	70.2	8990	68.2							
Q012880	24.8	931	3.7	116.0	6780	53.8					1.075		
Q012881	53.0	1800	3.2	284	8410	37.9					1.585		
Q012882	55.1	1500	1.8	150.0	>10000	25.6				1.075	1.760		
Q012883	51.6	1330	4.1	93.6	8600	63.9					1.640		
Q012884	62.1	1400	3.3	124.0	9920	42.4					1.245		
Q012885	39.8	921	4.0	103.0	8370	59.0							
Q012886	11.6	107	1.0	25.8	867	5.2					1.110		
Q012887	9.0	70	0.5	15.0	862	3.3							
Q012888	10.9	73	0.5	14.8	316	2.8							
Q012889	8.4	90	0.3	13.9	888	1.6							
Q012890	4.0	48	0.4	7.0	221	3.3							

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156429

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Interference: Mo>400ppm on ICP- MS Cd,ICP- AES results shown.
Applies to Method: ME- MS61

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41 Hg- CV42

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag- GRA21	Ag- OG62	As- OG62	Au- AA26
	Hg- CV41	Hg- CV42	ME- MS61	ME- OG62
	Pb- OG62	Pb- VOL70	Zn- OG62	

APPENDIX VIII

EXCAVATOR PIT AND TRENCH LOGS

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-1	619438	7113237	2.7	3.7	1.8	18.3	~9ft deep. Pit does not appear to be in alteration zone. Rock is bedded and very. competent. Lithology is fine grained micrite locally variable to fossiliferous wackestone and packstones. Minor calcite veining, oxidizing pyrite occurs within certain beds. Apparent orientation of strata is trending 105 dipping to the north. See photo 5999. Pit length and width measurements estimated from photo.
AnEx-3	619390	7113206	2.7	4.6	1.5	19.1	Pit occurs within alteration zone of footwall limestone package. ~9ft deep. Rock is still moderately competent but oxidation and decarbonitization are present. Oxidized, decarbed beds of calcareous siltstone are present. Looks very similar to material that ran in An-12-06. Photos 6006-6007. Strata is trending ~315 dipping 65 degrees to the North. Apparent orientation of moderate quality. Pit length and width measurements estimated from photo.
AnEx-4	619365	7113199	3.0	3.0	1.5	14.2	Frozen glacial till to a depth of ~10ft. Oxidizing clasts within till. Photos 6014-6015. Pit length and width measurements estimated from photo.
AnEx-5	619341	7113184	1.5	3.0	1.5	7.1	Extremely oxidized frozen material. Unable to get to a great depth. Pit is ~5ft deep. Oxidized material may be slightly transported till or fault rock as rounded clasts are noted within the oxidized clayey matrix. A layer of less oxidized material that appears to be till occurs on top. Photo 6017-6018. Pit length and width measurements estimated from photo.
AnEx-6	619311	7113238	3.7	3.0	1.5	17.0	~12 ft deep of transported cover. Top 1ft of pit is colluvial argillite horizon. Beneath that is ~5ft of sandy gravel with larger subrounded argillite clasts. Bottom of pit is oxidizing clayey till seen in AnEx-5. The gulley that is representative of the Northern fault was active during glaciation and later as a drainage and/or glaciofluvial channel. Some of the argillite clasts in the sandy transported fluvial horixon appear as though they may be altered. Photos 6021-6023. Pit length and width measurements estimated from photo. Pit length and width measurements estimated from photo.
AnEx-7	619320	7113166	1.2	3.0	1.5	5.7	Colluvial argillite horizon and then into frozen, transported cover. Pit abandoned at ~4ft depth. Pit length and width measurements estimated from photo.
AnEx-8	619358	7113155	1.8	3.0	1.5	8.5	Pit is ~ 6 ft deep. Clayey, variably oxidized, frozen till. Photo 6025. Pit length and width measurements estimated from photo.
AnEx-9	619388	7113171	1.8	3.0	1.5	8.5	Pit is ~6ft deep. Bottoms in footwall limestone subcrop/outcrop. No convincing structures to measure. Oxidized clay is present in pit bottom. Calcite veining occurs in limestone as well as localized oxidation. Alteration is moderate in intensity. Photo 6027. Pit length and width measurements estimated from photo.
AnEx-10	619420	7113193	2.1	3.0	1.5	9.9	Pit depth ~7ft. Bedded limestone. Low alteration to non existent intensity moderate calcite veining. Good quality apparent bedding. 120/vertical. Photo 6030. Pit length and width measurements estimated from photo.
AnEx-11	619412	7113170	2.7	3.0	1.5	12.7	Pit is approximately 9 ft deep. Bottoms in bedded carbonate with moderate although non pervasive oxidation. Carbonate is dark grey, very fine grained and moderately calcareous. Minor interbeds of calcareous siltstone occur within the carbonate and are preferentially oxidized. Strata is folded in this pit. Apparent limb measurement of moderate quality: 135/vertical. Photo 6034. Pit length and width measurements estimated from photo.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-12	619432	7113159	3.0	3.0	2.1	19.8	Pit approximately 10 ft in depth. Bedded limestone. Alteration is weak to non existant and largely consists of a surface oxidation. Bedding is not well defined and material in pit may be subcrop/heaved outcrop. Preferentially oxidized siltstone beds are not abundant. Photo 6037. Pit length and width measurements estimated from photo.
AnEx-13	619462	7113108	3.0	4.0	1.5	18.4	Pit is approximately 10 ft deep. Upper 2.5 ft consists of highly oxidized clay with entrained clasts. Below that horizon is 7.5 ft of dark, powdery carbonaceous argillite. Grey siliceous pods occurs disseminated throughout the argillite which may be decalicified. Grey pods are extremely low competency and contain fine grained euhedral to subhedral quartz crystals disseminated throughout. This material appears to be extremely decarbonitized and silicified. Photo 6638-6039, 6049. Alteration zone (light grey band) and upper oxide horizon appear to have parallel orientations. Both are striking ~060 dipping ~25 degrees to the SE. Pit length and width measurements estimated from photo.
AnEx-14	619423	7113108	1.8	3.7	1.8	12.2	~6 ft. Upper 3 ft consists of clayey black argillite over top of lower more competent highly fractured argillite for the bottom 3 ft. Bucket depth is restricted by bedrock. The upper argillite horizon has oxidizing seams. The lower argillite horizon is also oxidized and possibly decalcified. No obvious oxide horizon in this pit. Photo 6044. Pit length and width measurements estimated from photo.
AnEx-15	619450	7113123	2.1	4.0	1.8	15.5	~7ft deep. Appears to be very representative of fault zone. Upper 2 ft consists of colluvium. Below that ~1ft of clayey, dark carbonaceous argillite. Below that ~2.5 ft of intensely oxidized material. Bottom of pit is footwall limestone. Footwall limestone is apparently unaltered. If pit profile is representative of fault zone than it appears to confirm the fault dipping moderately to the SW. Photos 6046-6047. Pit length and width measurements estimated from photo.
AnEx-16	619390	7113132	4.6	3.0	1.8	25.5	Approximately 15 ft pit depth. The top 3ft is colluvial material. Underlying that horizon is 3 ft of black, clayey argillite with oxidizing seams. The bottom 9 ft is clayey, sandy oxide with abundant fragments of Silurian limestone. Appears to be representative of the fault zone. Photo 6050. Pit length and width measurements estimated from photo.
AnEx-17	619357	7113119	3.7	4.6	2.1	35.7	Pit ~12 ft deep in hanging wall carbonaceous argillites. Bedding is striking ~085 dipping ~50 degrees south (apparent orientation). Carbonaceous argillite outcrop, not powdery, fairly competent. No obvious alteration. Photo 5061-5062. Pit length and width measurements estimated from photo.
AnEx-18	619403	7113146	3.7	4.6	2.1	35.7	~12 ft pit depth. 2ft colluvial horizon on top. 3ft of oxidized fault zone material below and 7 ft of bedded, relatively unaltered foot wall limestone belown. Strata is trending ~285 dipping steeply to the north. Good quality apparent measurement. Photo 6053. Pit length and width measurements estimated from photo.
AnEx-19	619507	7113067	0.9	2.4	1.5	3.4	Pit abandoned after 3ft depth. Frozen boulder/subcrop of footwall limestone. Pit length and width measurements estimated from photo.
AnEx-20	619409	7113076	3.0	3.0	2.1	19.8	~10 ft of glacial till. Pit length and width are estimated based on pits with similar depth.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-21	619445	7113081	4.6	3.7	2.4	40.8	Along strike of alteration zone in pit 13. Pit is approximately 12 ft deep. Goes through ~6ft of what appears to be a colluvial horizon consisting of brown coloured clay with angular boulders and cobbles of limestone. Also in this horizon are small, dark clay seams. The bottom 6 ft of the pit is dark, carbonaceous argillite. Very powdery but not seeing the same alteration habit in the last. Photos 6067-6069. Pit depth, length and width measurements estimated from photo.
AnEx-22	619319	7113102	4.6	4.6	1.8	38.2	Pit depth is ~15 ft. Highly fractured but not powdery argillite. Argillite found in pits closer to gulley is more powdery and altered while as this pit unaltered and competent. Minor localized oxidation. Good quality apparent stratigraphy measurement. Trending ~085 dipping ~55 degrees to the south. Photos 6072-6073. Pit length and width measurements estimated from photo.
AnEx-23	619474	7113086	3.0	3.0	1.8	17.0	10 ft pit depth. The upper 2ft consist of colluvium. Below that 2 ft of clayey oxide with angular cobble to boulder sized limestone clasts. Bottom 6ft is highly fractured fossiliferous limestone. Alteration in lower horizon is variably but consists of intense decarbonitization. The lower horizon is heavily fracture and no convincing structural features are present to measure. Photo 6074. Pit length and width measurements estimated from photo.
AnEx-24	619276	7112783	6.1	3.0	2.4	45.3	Pit is approximately 20ft deep from the top of the road cut. Colluvium and glacial till layers continue to ~10 ft from the top of the pit with the argillite colluvium layer occurring on top of the till layer. Below that for 5ft is highly fractured but competent argillite with minor calcite veining. At the bottom of the pit argillite becomes very sandy and displays localized oxidation. Highly altered with FeO and SbO. Photos 6104-6108. Pit length and width measurements estimated from photo.
AnEx-25	619274	7112808	3.7	4.9	1.8	32.6	12 ft below road. Black, powdery, clayey argillite with localized oxidizing seams for 9ft. The bottom 3 ft gets into highly fractured grey arg fragments that are not as dark in colour or as clayey. Still seeing a localized oxidation. Photos 6109-9110
AnEx-26	619268	7112815	3.7	4.9	2.1	38.1	12 ft depth below road. ~ 6ft of brown-clayey till horizon. Bottoms in powdery, black argillite for lower 6 ft. No oxidation noted in argillite. Photos 6111-6112. See photo 5999. Pit length and width measurements estimated from photo.
AnEx-28	619275	7112838	3.7	4.9	2.4	43.5	~12 ft deep from road. Black, powdery argillite the whole way. Thing seams of sandy oxide material as well as bleached seams of sandy material. Alteration appears to occur at sporadic orientations. Photos 6113-6116. Pit length and width measurements estimated from photo.
AnEx-29	619270	7112823	3.0	4.6	3.0	42.5	~10 ft pit depth. Hole keeps caving in. Highly fractured powdery argillite with localized seams of oxidation. Photos 6117-6120. Pit length and width measurements estimated from photo.
AnEx-30	619289	7112850	2.4	3.7	2.4	21.7	~8ft pit depth from road. Highly fractured argillite but not as powdery or clayey. Abundant disseminated oxide in amorphous pods. Large clasts from within pit contain oxidation and euhedral vein and vug hosted quartz. Photos 6121-6124. Pit length and width measurements estimated from photo.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-31	619302	7112864	3.7	4.6	2.4	40.8	~12 ft pit depth. Intersection point of recessive gulley and road. Dark and light grey clay alteration zones containing clasts of near pervasive SbO. Lineations representative of the alterations zones are steeply plunging in the place of the road cut. If the linear gulley is also representative of the alterations zones than they are trending ~310 dipping 75 North. Alteration zone appears narrow. Photos 6125-6131. The linear gulley is also the transition zone from outcrop to black clayey material along the road cut. Pit length and width measurements estimated from photo.
AnEx-32	619323	7112883	0.0	0.0	0.0	0.0	Unable to dig at this location. Banks are to unstable. In area with exposed outcrop and no apparent alteration.
AnEx-33	619342	7112957	2.7	4.0	2.4	26.5	Pit depth ~9ft. Fracture argillite. No alteration is noted in pit. Minor FeO and SbO. Strata is trending 290 dipping steeply south (moderate quality). P.6132. Pit length and width measurements estimated from photo.
AnEx-34	619111	7113442	3.0	3.7	1.8	20.4	Pit depth 10ft. 6ft of black, platy angular fragments, rounded bouders and minor iron-oxide altered material overly brown clay with limestone fragments. P.IMG_0492-0495. Pit length and width measurements estimated from photo.
AnEx-35	619123	7113480	1.5	2.4	1.5	5.7	Pit depth 5ft. Angular boulders of unaltered dark grey massive limestone underly dark grey colluvial(?)-organic horizon. Photo IMG_0497. Pit length and width measurements estimated from photo.
AnEx-36	619144	7113533	3.0	3.0	1.8	17.0	Pit depth 10ft. 1m of brown clayey overburden overlies 1m of unaltered black limestone with 1 m argillite interbed. Beneath the argillite is weathered micrite. Photos IMG_0499-0504. Pit length and width measurements estimated from photo.
AnEx-37	619148	7113578	1.5	2.4	1.5	5.7	Pit depth 5 ft. Brown colluvium(?)/till with black streaks overlies unaltered crystalline limestone. Photos IMG_0505-0507 . See photo 5999. Pit length and width measurements estimated from photo.
AnEx-38	619082	7113428	3.4	3.7	1.8	22.4	Pit depth 11 ft. Black sandy layer overlies brown clay layer. Black unit strikes NE and dips ~40W. Brown layer ~2m, below is unaltered crystalline limestone. Pit in vegetation anomaly in topographic depression. Photos IMG_0509-05016. Pit length and width measurements estimated from pits of similar depth.
AnEx-39	619038	7113544	2.1	3.0	1.8	11.9	Pit depth 7 ft. 1m of dark gry gritty material with subrounded cobbles overlies brown oxidized crystalline limestone with minor grey gouge and strongly oxidized brown gouge. Photos IMG_0518-0520. Pit length and width measurements estimated from photo.
AnEx-40	619052	7113588	1.5	2.4	1.8	6.8	Pit depth 5ft. Subhorizontal horizon of black micrite(?) or calcareous horizon in contact with 1m grey clay zone. Bottom of pit is crystalline limestone with strong calcite veining. Horizons roughly strike 240/10N. Lithologies resemble pit AnEx-38, except black unit is less sandy in AnEx-40. No photos – camera broken.
AnEx-41	619062	7113627	3.7	3.7	1.8	24.5	Pit depth 12 ft. Unaltered black crystalline limestone with calcite veining underlies 2 m of brown clay with rounded cobbles. Brown oxidized material adjacent to black limestone trends ~SW on pit floor. No photos – camera broken. Pit length and width estimated based on averages for given depth.
AnEx-42	619082	7113674	0.9	2.1	1.8	3.6	Pit depth 3 ft. Angular boulders ofunaltered black crystalline limestone. Rep taken (AnEx-42). Pit length and width estimated based on averages for given depth.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-43	619106	7113714	2.4	3.0	1.8	13.6	Pit depth 8 ft. Black crystalline limestone with calcite veinlets underlies brown dirt with subrounded cobbles and boulders and minor clay. Pit is ~30 SW of soil ZZ61025. No photos – camera broken. Pit length and width estimated based on averages for given depth.
AnEx-44	619139	7113695	3.0	4.0	1.8	22.1	Pit depth 10 ft. Homogenous brown-grey dirt transitions to clay with subangular-rounded limestone clasts. Pit located upslope of soil ZZ61025 in same narrow raveen. No photos – camera broken. Pit length and width estimated based on averages for given depth.
AnEx-45	618975	7113637	1.8	3.7	2.1	14.3	Pit depth 6 ft. 2ft of brown homogeneous dirt with minor clay component transitions to brown clay zone 3ft thick. Bottom of hole is crystalline limestone with frequent calcite veining. Photos IMG_0092-0093. Pit length and width measurements estimated from photo.
AnEx-46	618926	7113621	3.0	3.7	1.8	20.4	Pit depth 10 ft. 4 ft of homogeneous brown, clayey dirt with rounded polylithics (likely till) overlies thin black horizon (1ft). this overlies yellow-brown weathered fine-grained, non-calcareous argillite(?) Horizons subhorizontal. Apparent orientation at 180/10-30W.Photos 0094-0096. Pit length and width measurements estimated from photo.
AnEx-47	618878	7113612	2.1	3.4	1.8	13.1	Pit depth 7ft. Brown clayey soil horizon (2 ft) overlies brown-grey clayey material with subangular limestone clasts. Transition to increase in clay near contact with underlying yellow-brown material with clayey matrix and angular limestone fragments. Pit ended in fresh, dark grey, crystalline limestone with moderate calcite veining. Apparent orientation of horizons 180/30W. Photos 0097-0100. Pit length and width measurements estimated from photo.
AnEx-48	619002	7113667	0.9	1.8	1.2	2.0	Pit depth 3 ft. 1ft of brown overburden with rounded boulders overlies angular crystalline limestone boulders with weak-moderate local brown-red alteration and adjacent (in N pit wall) light brown, f.g. non-calcareous weathere rock. 5cm clay seam between overburden and limestone. Apparent orientation on seam 160/30E. Photos 0102-0105. Pit length and width measurements estimated from photo.
AnEx-49	619033	7113708	3.0	4.0	1.8	22.1	Pit depth 10 ft. 3ft of grey-brown dirty clay material with angular clasts overlies 1ft black crystalline limestone with apparent orientation of 180/30E. Below crystalline limestone is fossiliferous limestone (shell fragments) and altered limestone. Massive white calcite/dolomite occurs at hole bottom (no orientation possible) and in W and N walls dipping steeply to the north. S wall distinctly homogeneous material compared to N wall. Massive white calcite/dolomite has orange and black seams and is variably calcareous. Photos 0107-0118. Pit length and width measurements estimated from photo.
AnEx-50	619063	7113748	2.7	3.7	1.8	18.3	Pit depth 9ft. 1ft brown soil overburden over 3 ft of angular fossiliferous limestone boulders. Limestone overlies 2 ft of brown, oxidized dirt layer. Pit ended in black-grey platy, fine-grained, non-calc. argillite. Contact between oxidized material-argillite is subhorizontal, strike unknown. Photos 0119-0124. Pit length and width measurements estimated from photo.
AnEx-51	619018	7113749	2.1	3.0	1.8	11.9	Pit depth 7ft. Stacked oxide-black horizons 1ft below brown overburden with angular limestone clasts. Bottom of hole is fossiliferous limestone with massive bladed calcite veins that brecciate the limestone. Horizons apparent orientation 140/10E. Photos 0126-0132. Pit length and width measurements estimated from photo.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-52	619001	7113619	3.4	4.0	1.8	24.3	Pit depth 11ft. Black-dark grey soft, altered f.g. material for 2 ft below brown clayey overburden with round boulders. Oxidized loose material with loose calcite streak up all walls until 4ft below surface. Crystalline limestone with thick calcite veins. No contact or planar orientation distinguishable. 0134-0145. Pit length and width measurements estimated from photo.
AnEx-53	619027	7113580	3.4	4.0	1.8	24.3	Pit depth 11ft. 2ft brown/grey clayey overburden with round boulders transitions to black crystalline limestone horizon with angular cobbles. Strong iron and green oxide in altered limestone horizon and within fresh black crystalline limestone with abundant calcite veinlets (variably altered horizon). Minor black limestone (?) is decalcified (?) (minor pitting) and crumbly to touch. Pit bottom is black crystalline limestone. All layers subhorizontal. Photo 0146-0150. Pit length and width measurements estimated from photo.
AnEx-54	619066	7113538	3.4	4.0	1.8	24.3	Pit depth 11 ft. 6ft of overburden – grey clay with rounded polylithics. Transition to red oxidized clay material and streaky horizons of grey clay. No bedrock suspected. Photos 0152-0154. Pit length and width measurements estimated from photo.
AnEx-55	619076	7113492	0.6	1.8	2.4	2.7	Pit depth 2ft. Brown/black sandy-clay soil over crystalline limestone with minor calcite veining. Brecciated limestone with brown weathered matrix observed/sampled. Photo 0157-0159. Pit length and width measurements estimated from photo.
AnEx-56	619176	7112846	1.5	3.0	2.1	9.9	Pit depth 5 ft (frozen). Subvertical, red-brown oxide streaks <8" in black fine grained argillite with platy cleavage. Bedding/cleavagestrikes ~west (270-310 on west wall) dips subvertical. Oxide streaks broadly trend west. Platy to pencil cleavage. Photos 0175-0187. Pit length and width measurements estimated from photo.
AnEx-57	619178	7112836	0.9	2.4	2.1	4.8	Pit depth 3ft (frozen). Black argillite with platy-pencil cleavage. Narrow 3 cm oxidation streaks. Cleavage generally dips SW. Photos 0188-0194. Pit length and width measurements estimated from photo.
AnEx-58	619183	7112856	2.1	3.0	2.1	13.9	Pit depth 7ft (frozen). Relativley homogenous dark grey argillite with oxidization along fracture surfaces. Fx1 304/60W, Fx2 340/44E, Fx3 208/84E. Oxidation streak rakes 80 degrees on N wall oriented at 250 degrees. Photos 0196-0201. Pit length and width measurements estimated from photo.
AnEx-59	619192	7112867	1.2	3.0	2.1	7.9	Pit depth 4 ft (frozen). Argillite with minor oxide and subvertical platy fabric – gently folded. Oxidation streaks are subvertical. Rocka is fairly competent. North side of pit is comprised of moderately altered limestone/calcareous argillite. Photos 0203-0207. Pit length and width measurements estimated from photo.
AnEx-60	619194	7112879	1.5	4.6	2.1	14.9	Pit depth 5 ft (frozen). Dark grey, brown weathered argillite with platy apparent cleavage 220/76E. Rock is ~competent with weak oxidation, which is most prevalent in north wall. Photos 0211-0220. Pit length and width measurements estimated from photo.
AnEx-61	619198	7112893	1.2	10.1	2.1	26.2	Trench depth 4 ft (frozen). 33 ft trench (description horizontally from SW to NE). Platy, competent argillite becomes sandy until 1ft zone of brown oxidized clay (fault zone?) which is best expressed on trench floor. Water trickles through argillite above the brown material. Pit extended to trench based on suspected fault in area of brown oxidized clay. Photos 0221-0231. Trench width measurements estimated from photo.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-62	619191	7112894	1.2	7.3	2.1	19.0	Trench depth 4ft (frozen). 24 ft trench. Dark grey to black variably altered argillite with oxidized horizon 1 ft wide and oriented 310/42E. No fabric on S side of trench. Argillite cleavage1: 345/50E Cleavage2: 068/64W. Patchy, fracture controlled green oxide in porous argillite (weakly altered) on N end of pit. Weak oxidation throughout. Pit extended to trench to try and find continuous brown clay area representative of a fault. Above mentioned oxidized horizon is approximately on strike with oxide clay in AnEx-61. Photos 0232-0246. Pit width measurements estimated from photo.
AnEx-63	619187	7112885	1.8	5.5	2.1	21.4	Pit depth 6ft. Competent argillite with platy cleavage and moderately oxidized streaks. Light brown and dark grey horizons rake 72 degrees on wall oriented 026. Both horizons non-calcareous. Photos 0252-0259. Pit length and width measurements estimated from photo.
AnEx-64	619181	7112874	0.6	2.1	2.1	2.8	Pit depth 2ft (bedrock). Brown, dark grey argillite with weak –moderate oxidation throughout pit. Relatively unaltered material. Photos 0261-0262. Pit length and width measurements estimated from photo.
AnEx-65	619176	7112864	1.5	3.7	1.8	10.2	Pit depth 5ft. Crystalline black limestone and brown argillite. 1ft thick oxidized horizon rakes ~60 on SE wall oriented 026. Minor iron-arsenic oxide alteration. Photos 0264-0267. Pit length and width measurements estimated from photo.
AnEx-66	619171	7112850	1.5	2.1	1.5	5.0	Pit depth 5ft. Black and brown argillite with 8” oxidation streaks. Material is weakly oxidized throughout pit, locally strong. Platy cleavage dips ~steep to ~SSW. Photos 0268-0273. Pit length and width measurements estimated from photo.
AnEx-67	619167	7112842	1.5	3.0	3.0	14.2	Pit depth 5ft (frozen). Black, platy argillite chips throughout pit. Minor Fe-As oxide (2%) in pit. Photos 0273-0279. Pit length and width measurements estimated from photo.
AnEx-68	619170	7112847	1.5	3.7	1.8	10.2	Pit depth 5ft (frozen). Brown oxidized argillite with jet black and brown oxidized alteration horizons which dip ~60 to ~south. Cleavage dip ~parallel to horizons. Cleavage1: 114/62S. Argillite is generally unaltered, genesis of black streaks unknown (weathering?). Massive dolomite vein material found in shovel but not located in pit. Photos 0280-0290.. Pit length and width measurements estimated from photo.
AnEx-69	618522	7112935	2.4	3.7	2.4	21.7	Pit depth 8ft (tough digging). Fresh crystalline limestone throughout pit, local strong-intense oxidized limestone identified in bucket but not along walls. Clayey material with polylithics ~7ft down occurs adjacent to limestone boulders. Photos 0296-306. Pit length and width measurements estimated from photo.
AnEx-70	618543	7112967	1.8	2.4	1.8	8.2	Pit depth 6ft (tough digging). Angular boulders of fresh crystalline limestone which are commonly fractured along calcite veinlets. Pit is mostly dirt +/- clay between lst boulders. Relatively unaltered material. Strong oxidation on fracture surfaces, locally pervasive. Photos 0313-0316. Pit length and width measurements estimated from photo.
AnEx-71	618507	7112920	3.0	3.7	1.8	20.4	Pit depth 10ft (frozen). Relatively homogeneous material. Black argillite chips and gravel with 2 oxide horizons <1ft. soil profile oriented ~115/40NE. clayey oxide layers are frozen and associated with As(?) oxide. Overall, unaltered. Photos 0318-0321. Pit length and width measurements estimated from photo.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-72	618569	7112932	2.4	3.0	2.1	15.9	Pit depth 8ft (frozen). Homogenous material – weakly oxidized argillite with locally oxidized clay. Limeston boulders for first 2ft. Black horizon overlies brown argillite horizon at subhorizontal (<10) orientation. Argillite cleavage very roughly 020/70SE. Argillite believed to be in situ at 7ft. Photos 0323-0327. Pit length and width measurements estimated from photo.
AnEx-73	618564	7112949	0.9	2.1	1.2	2.4	Pit depth 3ft (tough digging). Angular boulders of crystalline limestone with calcite veining throughout. Minor Fe oxide on fracture surfaces. Photos 0329-0332. Pit length and width measurements estimated from photos.
AnEx-74	618563	7112941	2.4	3.7	1.8	16.3	Pit depth 8ft (tough digging). Fresh crystalline limestone, unaltered for 4ft then transition to well oxidized horizon of massive pegmatitic calcite and minor brown gouge. Horizon apparent orientation of ~150/30NE. Likely contact/fault zone. No argillite observed in pit. Calcite crystals form cobble to boulder size masses. Photos 0333-0343. Pit length and width measurements estimated from photo.
AnEx-75	618482	7112948	2.7	2.4	2.4	16.3	Pit depth 9ft (frozen). Angular boulders ofrystalline limestone with oxidized fracture surfaces throughout pit. 1ft soil overburden. No sign of alteration or fault material. Photos 0345-0350. Pit length and width measurements estimated from photo.
AnEx-76	618482	7112939	3.7	2.4	2.1	19.0	Pit depth 12 ft. 3ft overburden overlies unaltered argillite chips in loose sand matrix with minor fine grained black limestone form 3ft. Layer of Fe-As oxide altered argillite (moderate alteration) is in situ or near emplacement. Argillite is crumbly to touch. Oxides form preferentially along fracture surfaces, locally pervasive. Soil profile ~240/20NW. Photos 0351-0360. Pit length and width measurements estimated from photo.
AnEx-77	618486	7112964	0.9	2.4	1.2	2.7	Pit depth 3ft (tough digging). Angular limestone boulders, no alteration. Photos 0361-0365. Pit length and width measurements estimated from photo.
AnEx-78	618458	7112948	4.0	4.9	1.5	29.4	Pit depth 13 ft (machine max). 1 ft soil/overburden. Black silty argillite throughout. Water inpour around 12 ft mark. 2ft of Fe oxide frozen with clay compentent around _____ ft. Pit bottom in incompetent argillite. Silty texture distinct compared to other argillite observed thus far in Nick’s pitting. Photos 0367-0371. Pit length and width measurements estimated from photo.
AnEx-79	618421	7112986	4.3	5.5	2.1	50.0	Pit depth 14 ft (machine max). 2ft round limestone boulders overlies 7ft of argillite chips in clayey argillite gravel. Over 7ft depth – arsenic-antimony oxidation preferentially forms along fracture planes of and is weakly pervasive in argillite. Overall homogenous material after limestone cover. Photos 0372-0378. Pit length and width measurements estimated from photo.
AnEx-80	618371	7113010	1.8	2.7	1.8	9.2	Pit depth 6ft. 1ft soil and organics. Angular limestone boulders up to 6 ft depth. Distinct reddish mineral occurs as stains in crystalline limestone. Staining appears to be fracture/veinlet controlled. Photos 0379-0389. Pit length and width measurements estimated from photo.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-81	618392	7113035	2.7	3.7	1.5	15.3	Pit depth 9 ft. 2ft of black clay overburden. 4-6 ft thick crystalline limestone with red staining and minor red gouge. Over 6 ft is bright red moderate to intense pervasive staining in limestone and red, brown, dark grey gouge. Red horizon ~120/45W. Moderate calcite veining throughout. Angular boulders have moderate-strong staining (10-30%). Photos 0390-0403 – bag in a photo labelled Q013206, should be Q013096. Pit length and width measurements estimated from photo.
AnEx-82	618324	7113023	3.4	3.7	2.1	26.2	Pit depth 11ft. 2ft cover overlies 6ft of angular fossiliferous limestone > crystalline limestone. Under this is 2ft of brown-orange clayey horizon with maroonish tinge. >10ft depth is back into fossiliferous limestone with shells and shell fragments <1cm. Photos 0404-0410. Pit length and width measurements estimated from photo.
AnEx-83	618298	7113088	0.9	2.4	2.1	4.8	Pit depth 3ft (bedrock). Crystalline and fossiliferous limestone in angular boulders pulled apart by hoe. Minor red oxide stains on fracture surfaces. Grey-brown clay material is mixed with boulders on west half of pit. No significant alteration. Photos 0411-0416. Pit length and width measurements estimated from photo.
AnEx-84	618193	7113132	0.9	3.7	1.2	4.1	Pit depth 3ft (subcrop/bedrock). Angular boulders of crystalline limestone mixed with clayey sand and coarse chips. Minor oxidation preferentially along fracture planes. Photos 0417-0420. Pit length and width measurements estimated from photo.
AnEx-85	618303	7113153	4.0	4.0	2.1	33.5	Pit depth 13H X 13L X 7W (machine max). 6ft of black crystalline and brown micritic limestone that has black stringers overly >7ft of red and beige strong-intense altered limestone that strikes ~west and dips ~70S. Reddish alteration dominant in S wall, beige streak 3ft wide runs up N wall and along floor (irregular – not planar). North wall mostly competent limestone. Massive euhedral calcite with black stringers found near hole bottom. Brecciated limestone is ~fresh with brown, powdery matrix and locally pitted. Other material in altered zones includes beige, powdery but hard limestone with pervasive oxidation. Likely fault zone. Photos 0421-0433.
AnEx-86	618116	7113218	2.4	4.0	2.1	20.6	Pit depth 8ft H X 13L X 7W (tough digging). 1ft soil. 4ft Angular boulders of brown micritic crackle limestone with signes of red alteration. Strong-intense yellow-red oxidation of crackle limestone and massive calcite with black impurities and stringers. Yellow-brown-red gouge zone runs from ___ corner to ____ corner in pit (not observed on floor). >4ft competent bedrock, no structure (bedding, etc) in lithologies. Alteration in pit occurs as 1) pervasive yellow powdery in brown micritic limestone 2) Bright red, pervasive, surficially “clotty” in limestone and 3) in association with stringers in crackle texture. Likely fault zone. Photos 0433-0443.
AnEx-87	618107	7113189	2.1	4.0	2.1	18.0	Pit depth 7ft H X 13L X 7W (tough digging). Angular dark grey crystalline limestone boulders with minor calcite veining and oxidization preferentially along fracture surfaces throughout pit. No alteration observed. Photos 0444-0453.
AnEx-88	618097	7113099	2.1	4.0	2.1	18.0	Pit depth 7ft H X 13L X 7W (tough digging). 1ft soil overburden. 6ft of black crystalline limestone boulders. 1ft from pit bottom is dogtooth calcite Fe-staining and fine grained black material on fracture surfaces. Gouge streak up N corner with brown-yellow-red streaks. Gouge apparently north oriented but seems to be present on NNE and NNW walls ~4ft from bottom. Photos 0454-0461.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-89	618046	7113105	0.3	2.1	1.2	0.8	Pit depth 1ft (bedrock). Crystalline limestone with calcite veinlets, no alteration. Photos 0462-0463 (reclaimed in photo but not much to photograph).
AnEx-90	618054	7113143	2.7	4.0	2.1	23.2	Pit depth 9ft H x 13 L x 7W (tough digging). Fault zone. 3ft crystalline limestone with moderate red oxide on fractures transitions to 1-2ft of strong pervasive oxidation in coarse, gritty, fossiliferous limestone. >5ft down is brown-yellow-red gouge with massive milky dogtooth Fe-stained calcite and greasy translucent calcite. Brown-red gouge on fresh limestone surfaces. Gouge 20%, massive calcite 20%, Limestone 60%. Likely fault zone. Photos 0464-0476.
AnEx-91	618062	7113209	1.5	4.0	2.1	12.9	Pit depth 5ft H x 13 L x 7W – Angular crystalline limestone (fresh, black) boulders throughout pit. No alteration. Photos 0477-0484.
AnEx-92	618065	7113232	2.1	4.3	2.1	19.4	Pit depth 7ft H x14L x 7W. 2ft overburden with grey soil and angular fragments. 7ft of dark grey, crystalline limestone with distinct fine-grained shiny black tinge. Brown-beige alteration on W wall and on floor (no reliable orientation). Photos 0485-0492.
AnEx-93	618074	7113277	1.8	3.4	1.8	11.2	Pit depth 6ft X 11L x 6W (tough digging). 1ft overburden overlies 3ft crystalline- micritic limestone with intense black seams. 2ft of angular limestone boulders similar to overlying rock but with brown clay component. Water at pit bottom. Photos 0493-0497.
AnEx-94	618086	7113324	1.5	4.0	1.8	11.0	Pit depth 5ftH x13W x 6L (tough digging). 4ft Fresh black crystalline and micritic limestone that has intense black, f.g. seams (gives crackle texture). Limestone boulders overly limestone bedrock with massive Fe-staining calcite prevalent in E side of pit. Photos 0498-0505.
AnEx-95	618120	7113277	0.9	3.7	2.1	7.1	Pit depth 3ftH x12L x7W (bedrock). 1 ft soil overburden overlies 2ft of angular brown micritic limestone boulders with black stringers. 10% weak-moderate yellow oxide alteration along boulder fractures. Photos 0506-0511.
AnEx-96	618133	7113309	0.6	3.7	2.1	4.8	Pit depth 2ftH x12L x7W (bedrock). 1ft soil overlies fresh, brown micritic limestone with weak yellow oxidation on boulder surfaces. Photos 0512-0518.
AnEx-97	618034	7113350	0.6	4.0	2.1	5.2	Pit depth 2ftH x13L x7W. 1ft soil horizon overlies fresh, dark grey , crystalline limestone (angular boulders) and brown micritic limestone with black stringers. Minor brown clay/gouge observed in pile but not seen in pit. Limestone has weak red oxide. Dogtooth calcite and subordinate calcite veining and black fine grained patches occur within micritic limestone. Photos 0519-0524.
AnEx-98	618021	7113309	2.4	4.3	2.4	25.4	Pit depth 8ftH x14L x8W (tough digging). 1ft soil horizon overlies 6ft of micritic limestone (angular boulders). Light brown gouge between unaltered micritic boulders occurs up to 8ft depth. Photos 0525-0533.
AnEx-99	618052	7113307	2.4	3.7	2.1	19.0	Pit depth 8ftH x12L x7W. 1ft soil horizon. Angular micritic and crystalline limestone boulders with brown clay as loose matrix (10%), locally prevalent (<90% of material). Clay brown > red. Moderate yellow-red oxide on boulder surfaces start ~3ft below surface. Water trickles in at 7ft depth. Clay exposed on NE corner and N wall – might have clipped as NNW trending structure (based on correlation with recessive topo). Photos 0534-0542.
AnEx-100	618018	7113257	1.8	4.0	3.0	22.1	Pit depth 6ftH x13L x10W (~bedrock). 2ft brown soil horizon over micritic and coarse, grey limestone boulders. S-SW pit side is oxidized – apparent orientation NW dipping subvertical. Massive euhedral calcite in oxidized zone. Moderate pervasive oxide (10%) otherwise fresh limestone with surficial oxidation. Photos 0543-0547.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-101	618019	7113213	1.2	3.7	2.1	9.5	Pit depth 4ft Hx12L x7W (tough digging). 1ft soil horizon overlies 3ft of crystalline limestone (angular boulders) with weak oxidation on fracture surfaces. Photos 0548-0551.
AnEx-102	618017	7113170	0.9	3.7	2.1	7.1	Pit depth 3ft Hx12L x7W (bedrock). 0.5 soil horizon overlies 1.5 ft of very large boulders of dark grey crystalline limestone. Dark red stains (5-10%) in crystalline limestone are dominantly on fracture surfaces (weakly pervasive). Minor brown clay between boulders at pit bottom. Most oxidized material is in middle of pit and north wall (no orientation). Photos 0552-0558.
AnEx-103	617964	7113149	0.3	3.7	2.1	2.4	Pit depth 1ft Hx12L x7W (bedrock). Unaltered coarse grained crystalline limestone. Photos 0559-0561.
AnEx-104	617969	7113131	0.9	3.7	2.1	7.1	Pit depth 3ft Hx12L x7W (bedrock). 2ft dark soil horizon overlies massive Fe-stained calcite. Photos 0562-0564.
AnEx-105	617978	7113223	2.4	3.7	2.1	19.0	Pit depth 8ft Hx12L x7W (tough digging). 1ft soil overlies 2ft of grey overburden. Under this are dark grey crystalline limestone boulders with minor calcite veining. No alteration in limestone – oxidized surface creates orange weathering. Soil horizons are parallel to slope. Photos 0565-0567.
AnEx-106	617989	7113291	2.4	3.7	2.1	19.0	Pit depth 8ft Hx12L x7W (tough digging). 1ft black soil horizon over brown oxidized gouge and micritic limestone with intense black stringers. Brown gouge zone trends NW as evident on W, N and E walls. SW wall is brown, gravelly, less oxidized, but same coarse material. Water trickles in from SE corner. Gouge locally mustard yellow. Photos 0568-0574.
AnEx-107	617996	7113334	1.8	3.7	0.9	6.1	Pit depth 6ft x12Lx 3ftW (tough digging). 1ft of brown soil over 5ft of angular dark grey crystalline limestone boulders. 3-5ft of brown clay with crystalline and brown micritic limestone. Photos 0575-0578.
AnEx-108	617895	7113198	2.1	4.0	2.1	18.0	Pit depth 7'Hx13x7W (tough digging). 2ft soil over 5ft of angular boulders of fresh crystalline limestone and coarse grained limestone with minor brown gouge on boulder surfaces. Photos 0579-0584.
Anex-109	617890	7113259	0.3	4.9	0.9	1.4	Pit depth 1'x16x3 (bedrock). 1ft of black soil over bedrock comprising coarse grained, dark grey limestone with moderate calcite veinlets. No alteration. Photos 0585-0587.
Anex-110	617905	7113363	3.0	4.0	2.1	25.8	Pit depth 10ftx13Lx7Wft (bedrock) 5ft dark brown soil overburden with crystalline and micritic limestone (subangular boulders). Oxidized zone begins ~5ft with oxidation on crystalline and micritic limestone surfaces, locally yellow moderate oxidation in micritic limestone. Brown dirt and minor clay between boulders. Bedrock (~10ft). Oxidation zone apparent oriented ~180/45W. Photos 0590-0597.
AnEx-111	617833	7113374	1.8	4.0	2.1	15.5	Pit depth 6ftx13Lx7W (tough digging). 1ft brown soil overlies 6ft of subangular limestone boulders (fresh with minor oxide). Below 6ft – bedrock comprising grey micritic limestone (less limey than previous) with minor stringers. Local moderateraly pervasive yellow and red oxidation. Photos 0598-0601.
AnEx-112	618221	7113166	1.8	4.0	1.5	11.0	Pit depth 6Hx13Lx5W (fractured bedrock?). 3ft overburden with limestone cobbles and brown dirt overlies light brown dirt with crystalline-micritic and black f.g. limestone. No alteration. Photos 0602-0607.
AnEx-113	618275	7113067	0.6	4.3	1.2	3.2	Pit depth 2Hx14Lx4W (bedrock). 2ft of soil and angular boulders of crystalline limestone with light red-white weathering. At 2ft is bedrock. LST is fresh, minor calcite veinlets. Photos 0612-0618.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-114	618326	7112963	3.7	4.0	1.8	26.5	Pit depth 12Hx13Lx6W (machine max). 3ft of black soft soil overlies 4ft of argillite fragments in soil. Below is black argillite with 2 dominant fracture planes which form blocks. Apparent Fx1: SE/70NE; Fx2: NE/70NW. Gentle fold(?) in SW pit corner with trend/plunge SE->50. Photos 0619-0629.
AnEx-115	619297	7113280	2.4	4.0	2.1	20.6	Pit depth 8Hx13Lx7W. Blocky weathered black crystalline limestone ~in place under 2ft of brown soil. Apparent Fx1: ~180/50N. Brown oxide on surface. Photos 0634-0640.
AnEx-116	619291	7113272	3.7	4.3	1.5	23.8	Pit depth 12x14Lx5W (fractured bedrock). 5ft soil and thin clay oxide horizon (dip with slope). 5-11 ft depth is gray-orange-brown gravelly clay with polylithics, variably limestone. Subrounded clasts <5cm. 11ft depth is black coarse grained limestone in fractured bedrock (unaltered). Photos 0640-0646.
AnEx-117	619278	7113256	1.8	4.0	1.5	11.0	Pit depth 6x13Lx5W (frozen). 5ft of brown oxidized clay and dirt with angular c.g. limestone boulders. Oxide horizon follows slope. Not sure if boulders represent fractured bedrock or till cover. Black f.g. material 5ft down occurs in oxidized clay. Photos 0647-0652.
AnEx-118	619244	7113308	2.7	4.0	2.1	23.2	Pit depth 9Hx13Lx7W (tough digging). 1ft soil overburden overlies 8ft of limestone boulders <1.5m with very coarse grained calcite. Minor weathering. Photos 0653-0658.
AnEx-119	619255	7113321	2.1	4.6	4.0	38.7	Pit depth 7x15Lx13W (bedrock). Angular limestone throughout pit, weathers as “plates”, likely colluvium. ~5ft depth – bedrock is fresh limestone. Photos0659-0663.
AnEx-120	619237	7113286	0.9	4.0	1.2	4.4	Pit depth 3Hx13Lx4W. 2ft dark brown clayey soil. 1ft brown clay horizon overlies limestone bedrock – fine grained, not vigorous fizz. Minor calcite veining. Photos 0664-0667.
AnEx-121	619198	7113369	2.1	4.0	1.5	12.9	Pit depth 7Hx13Lx5W (machine max). Fresh limestone talus throughout pit. Photos 0668-0670.
AnEx-122	619187	7113352	3.7	4.3	1.5	23.8	Pit depth 12x14Lx5W (machine max). 7ft of clay with rounded polylthics over lies subangular limestone cobbles-boulders in brown dirt. No alteration, likely all talus/colluvium. Photos 0671-0675.
AnEx-123	619173	7113347	2.7	4.0	1.5	16.6	Pit depth 9x13Lx5W (machine max). 2ft soil cover over 1ft argillite chips which overlie 6ft limestone boulders with brown oxideon surfaces. Photos 0676-0680.
AnEx-124	619114	7113404	3.0	4.0	1.2	14.7	Pit depth 10x13Lx4W (machine max). 10ft of colluvium, dominantly limestone with grey gravel throughout. No alteration observed. Colluvium. Photos 0681-0687.
AnEx-125	619101	7113383	3.0	4.0	1.2	14.7	Pit depth 10x13Lx4W (machine max). 1ft soil overlies 9ft ove subrounded-angular boulders in brown gravelly, clayey dirt. Trace oxide found in gravel. Colluvium. Photos 0688-0691.
AnEx-126	619101	7113381	4.0	4.0	1.2	19.1	Pit depth 13x13Lx4W (machine max). Colluvium with subrounded to subangular boulders of limestone and non-calc polylithics including argillite. Loose material in brown ~oxidized gravel. Oxidation starts at 3ft depth, otherwise brown colour. Photos 0692-0698.
AnEx-127	619011	7113389	3.0	4.0	1.2	14.7	Pit depth 10ftx13Lx4W (machine max). Colluvium with assorted limestone (coarse grained, crystalline) boulders comprising most coarse material. Smaller chips and fragments are noncalcarous in gravel. Photos 0699-0702.
AnEx-128	619005	7113376	3.0	4.3	1.5	19.8	Pit depth 10Hx14Lx5W (machine max). Limestone cobbles and subrounded non-calcareous rocks in relatively finer colluvium (than previous holes in ridge) – dominantly argillite. No alteration or oxidation. Clay at hole bottom. Photos 0704-0707.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-129	619009	7113414	4.0	4.3	1.5	25.8	Pit depth 13Hx14Lx5W (machine max). 2ft soil overlies 4ft of grey gravelly colluvium. Over 6ft depth, brown gravel occurs between subangular cobbles-boulders. Angular crystalline limestone boulders around 10ft. Oxidation is pervasive in limestone boulders starting at 12 ft. Photos 0708-0715.
AnEx-130	618949	7113409	3.7	3.0	3.0	34.0	Pit depth 12Hx10Lx10W (machine max). First road cut pit. Colluvium, unconsolidated throughout. Occasional angular limestone (coarse grained) boulders, argillite chips in gravelly material. Limey gravel in last 2-4 ft of pit. Photos 0716-0722.
AnEx-131	618896	7113417	3.7	3.7	2.7	36.7	Pit depth 12Hx12Lx9W (machine max). Loose colluvium with angular limestone cobbles-boulders throughout. Gravel and clasts increasingly limey down hole. Slightly more cobbles have pervasive oxidation than previous pits in raveen. Photos 0722-0724.
AnEx-132	618824	7113419	3.0	3.7	1.8	20.4	Pit depth 10Hx12Lx6W (machine max). Colluviuam with increasing limestone fragments and limey gravel toward pit bottom. Photos 0725-0730.
AnEx-133	618765	7113397	3.7	3.0	1.5	17.0	Pit depth 12Hx10Lx5w (machine max). Loose colluvium, increase in oxidized material. Dominantly limestone fragments, subrounded to subangular. Limestone is black, crystalline with calcite veinlets. Photos 0731-0733.
AnEx-134	618721	7113387	2.4	3.0	2.1	15.9	Pit depth 8Hx10Lx7W (frozen). Colluvium with generally rounded clasts of variable composition. Gravel is non-calcareous. Photos 0734-0737.
AnEx-135	618611	7113469	3.4	4.0	2.1	28.3	Pit depth 11Hx13Lx7W (machine max). Colluvium throughout, dominantly rounded pebbles-cobbles. Limestone with various textures. 1/10 stones have pervasive oxidation or trace bright red oxidation. Photos 0738-0742.
AnEx-136	618636	7113490	3.7	3.7	2.1	28.5	Pit depth 12Hx12Lx7W (machine max) Colluvium with dominantly rounded, highly assorted lithics. 50% non-calc. 1/10 stones have moderately pervasive oxidation. Photos 0743-0745.
AnEx-137	618588	7113456	3.7	4.3	1.5	23.8	Pit depth 12Hx14Lx5W (machine max). Loose colluvium with subangular boulders of dominantly limestone and massive calcite with weak oxidation. Gravelly dirt, limey. Homogenous material. Photos 0746.
AnEx-138	618596	7113413	4.6	4.0	1.5	27.6	Pit depth 15Hx13Lx5w (machine max). 3ft soil over unaltered angular argillite chips/gravel overlies 6-7ft of weak-moderately orange-yellow alteration. Over 7ft depth – increases in oxidation with addition of green-yellow colour. 15ft (pit bottom) dark orange oxidation just showing. 10-15ft depth – addition of dark grey clayey material and rotten argillite. Best looking pit in days. Photos 0749-0758.
AnEx-139	618669	7113465	3.7	4.0	1.5	22.1	Pit depth 12Hx13Lx5W (machine max). 4ft clayey soil overburden overlying colluvium with rounded and subrounded boulders. 5% subangular cobbles-boulders of polylithics – variably limey. Photos 0759-0763.
AnEx-140	618641	7113445	2.4	4.0	1.5	14.7	Pit depth 8Hx13Lx5W (water flowing in). 3ft soil overburden overlies argillite gravel for 3ft. Underlies this are weak to moderately oxidized limestone and argillite gravel with angular cobbles. Water trickles in ~6ft. Photos 0764-0767
AnEx-141	618679	7113406	3.4	4.0	1.2	16.2	Pit depth 11Hx13Lx4W (machine max). 3ft of clayey soil overlies 9ft of colluvium with rounded fragments and highly variable composition. Photos 0768-
AnEx-142	618695	7113422	3.0	4.0	1.5	18.4	Pit depth 10Hx13Lx5W (machine max). 3ft clayey soil overlies colluvium with rounded polylithics in non-calcareous gravelly dirt. Photos 0771-0774.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-143	618652	7113370	4.0	4.0	1.5	23.9	Pit depth 13Hx13Lx5W (machine max). 1 ft soil over colluvium consisting of subrounded to subangular polylithic boulders in grey, clayey matrix. Non-calcareous throughout. Photos 0775-0779.
AnEx-144	618694	7113349	4.0	4.0	1.5	23.9	Pit depth 13Hx13Lx5W (machine max). 1ft soil on 9ft of black, argillaceous gravel with subrounded to angular limestone and argillite cobbles. 9-13ft depth, the colour changes to a pale green-brown tinge at a subhorizontal orientation. Photos 0780-0786.
AnEx-145	618667	7113315	4.0	4.6	2.4	44.2	Pit depth 13Hx15Lx8W (machine max). 1ft soil over limey gravel with subangular to angular assorted limestone pebbles-cobbles. Pervasive yellow altered micritic limestone/dolostone occurs as cobbles throughout pit – not seen this extensively yet. Homogenous colluvium throughout. Photos 0787-0791.
AnEx-146	618675	7113264	3.4	4.0	2.4	32.4	Pit depth 11Hx13Lx8W (machine max). Colluvium throughout. Top 3ft has angular yellow altered dolosotne similar to AnEx145. Below this is gravel with a limey component and rounded polylithics. Photos 0792-0793
AnEx-147	618705	7113296	3.4	4.3	1.2	17.4	Pit depth 11Hx14Lx4W (machine max). 2ft soil and argillite chips overlie colluvium with subangular and angular limestone > argillite pebbles-cobbles. Photos 0794-0796.
AnEx-148	618754	7113317	2.7	4.0	1.5	16.6	Pit depth 9Hx13Lx5W (bedrock). 2ft soil over 4ft argillite chips in gravel with 20% polylithics. Over 6ft depth, argillite is relatively in place (scratched at with hoe and flaked apart into angular fragments) with green and orange oxidized surface. 8ft depth- minor clayey, rotten argillite with green-yellow-red colour. Photos 0797-0804
AnEx-149	618633	7113324	4.0	4.6	1.2	22.1	Pit depth 13Hx15Lx4W (machine max). 2ft soil over 11ft of brown colluvium with yellow-orange streaks for first 8ft. Subangular-angular assorted limestone boulders and rounded polylithics throughout. One boulder ~subangular comprising dolostone was crackle brecciated with calcareous black stringers and pervasive yellow (argillic?)-bright red oxidation. Photos 0805-0809.
AnEx-150	618717	7113222	4.0	4.6	1.2	22.1	Pit depth 13Hx15Lx4W (machine max) Black colluvium throughout with light brown horizon < 1ft approx.. 3ft down (parallel to slope aspect). Subangular boulders of limestone and argillite throughout with 20% moderately to strongly oxidized boulders. Photos 0810-0813.
AnEx-151	618690	7113201	4.0	4.0	1.8	28.7	Pit depth 13Hx13Lx6W (machine max). Under 1ft organics is colluvium with subangular and angular limestone > argillite boulders and talus for 2ft then polylithic colluvium. 10% material is oxidized, yellow altered dolostone is common. Photos 0814-0816.
AnEx-152	618763	7113245	4.0	4.0	1.8	28.7	Pit depth 13Hx13Lx6W (machine max). Under 1ft organics is colluvium with subangular and angular limestone > argillite boulders and talus for 2ft then polylithic colluvium. 10% material is oxidized, yellow altered dolostone is common. Photos 0814-0816.
AnEx-153	618801	7113278	2.1	3.0	4.3	27.8	Pit depth 7x10x14. 2ft soil over 2ft black overburden with argillite chips. 4ft depth bedrock- steeply dipping argillite with streaky orange-light yellow-green-red oxidation parallel to cleavage (platy). Apparent fold with axial plane plunging 30-50 degrees into south wall. Platy cleavage with dominant fracture plane Fx1: 125/85SW. Photos 0821-0837.
AnEx-154	618796	7113204	4.0	4.0	1.5	23.9	Pit depth 13x13x5 (machine max). 4ft soil over colluvium with narrow horizons or argillite chips. Generally rounded polylithics and angular argillite chips. Photos 0838-0841.
AnEx-155	618758	7113168	4.0	3.4	1.5	20.2	Pit depth 13x11x5 (max out). Black colluvium with generally oxidized limestone and argillite subangular-angular boulders. Light greenish tinge to gravel at 11ft. Photos 0844-0845

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-156	618723	7113148	3.4	4.0	1.5	20.2	Pit depth 11x13x5. Brown limey colluvium with subangular limestone clasts. Photos 0846-0852.
AnEx-157	618783	7113143	3.7	4.0	1.2	17.7	Pit depth 12x13x4 (machine max). 1ft soil overlies black argillite-rich dirty gravel with angular limestone, argillite and micritic dolostone clasts <1m. Material generally oxidized and at 11ft with new grey horizon appears. Photos 0862-0865.
AnEx-158	618790	7113146	1.2	1.5	1.2	2.3	Pit depth 4x5x4 (just taking a look). Brown overburden over black argillite gravel. Photos 0866-0868.
AnEx-159	618807	7113112	4.3	4.6	1.8	35.7	Pit depth 14x15x6 (machine max). Black argillite gravel with angular limestone and argillite boulders throughout and 2ft thick pale green horizon that dips with slope at ~7-9ft depth. Photo 0869-0872.
AnEx-160	618830	7113094	4.0	4.6	1.2	22.1	(Jordans Dimensions Depth x Length x Width) Pit depth 13x15x4 (machine max). Argillite gravel throughout with horizon of reddish gravel (oriented parallel to slope) at 8ft depth. Bright grey (machine gun grey), very crumbly argillite at 12ft. Assorted angular limestone and argillite boulders with weak to intense oxidation in argillite > limestone. Photos 0873-0878.
AnEx-161	618842	7113099	4.6	2.4	1.8	20.4	Pit dimensions 15X8X6. Upper 2ft is brown colluvium. Lower 13ft is highly fractured powder argillite with sporadic oxide stringers. Appears to be representative of bedrock. Minor amounts of relatively cohesive, tan coloured argillite breccia is present. Purple staining is noted in breccia samples. Photos 6325-6330.
AnEx-162	618870	7113012	4.6	2.4	1.8	20.4	At start of jog in the Anubis fault. Highest the excavator could get up valley. Pit 15x8x6. An upper colluvial horizon consisting of limestone and argillite is present for the top 5ft. Below the colluvial horizon is a horizon of fractured, locally oxidized limestone. Fractures appear to show a systematic orientation dipping shallowly to the SE. Underneath this horizon is fault zone material. This fault zone material may be controlled by the shallowly dipping fracture orientation. Pit photos are looking at front wall; up gulley. Photos 6331-6333
AnEx-163	618863	7113020	3.0	3.0	2.4	22.7	Pit 10x10x8. 6 ft of colluvium is the upper horizon.Lower 4ft is oxidized fault zone. No large fragments of oxidized limestone are noted. Fault zone material is characterized by goethitic and hematitic clay surrounding fine grained angular shale fragments. Photos 6336-6338
AnEx-164	618733	7113097	4.6	4.6	1.8	38.2	Pit near intersection of n trending gulley (seep) and Anubis fault. 15x15x6. The upper 7ft is colluvium dominated by large angular fragments. The lower 8ft of the pit appears to consist of mixed limestone and argillite fluvial sediments. Pit is within a valley at a high angle to the fault that is slightly active as a fluvial channel. It is likely that at a prior time meteoric flud flux was much higher in this valley resulting in the deposition of fluvial sediments. Photos 6343-6345.
AnEx-165	618632	7113149	2.4	3.0	1.8	13.6	8x10x6. The upper 5ft is colluvium with large angular limestone boulders. Below limestone is brown clay layer with limestone and argillite clasts that appears to be representative of a fault zone. The bottom of the pit is competent but highly altered limestone. Limestone contains black calcite veinlets resulting in a crackle texture as well as tan, clayey argillic alteration. Photos 6346-6348
AnEx-166	618660	7113167	1.8	3.0	1.2	6.8	6x10x4. The upper 3ft of the pit is a colluvial limestone horizon. The lower 3ft is brown clay with entrained clasts of argillite and limestone.The horizon is frozen and the excavator is unable to penetrate past a 6ft depth. Clayey horizon may be representative of the Anubis fault zone. Photo 6349-6352

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-167	618453	7113325	4.6	3.0	1.2	17.0	15x10x4. Pit consists entirely of glacial fluvial and glacial (till) sediments. Photos 6352-6353
AnEx-168	618440	7113272	4.6	3.0	1.2	17.0	15x10x4. Pit consists entirely of glacial fluvial and glacial (till) sediments. Photos 6352-6353
AnEx-169	618444	7113240	4.6	3.0	1.8	25.5	15x10x6. The highest point the excavator could get up gulley cross cutting the Anubis fault. The entire pit consists of glacial till. Photo 6357.
AnEx-170	618431	7113321	4.6	3.0	1.5	21.2	15x10x5. Thing 2ft organic-colluviual horizon at top of pit. Remainder of pit is composed of glacial-fluvial sediments. Photos 6358-6359
AnEx-171	618412	7113279	2.4	4.6	1.2	13.6	8x15x4. Upper 3ft is transported cover. Below this horizon is highly oxidized brown to orange clay that appears to represent the Anubis fault zone. Oxidized and bleached argillite fragments are noted in the clay. Mottled orange brown horizons are noted within the oxide zone and trend parallel to slope dipping moderately NE. Photos 6360-6362
AnEx-172	618426	7113306	4.6	3.0	1.5	21.2	15x10x5. 1ft of organics, 1ft of colluvium, followed by 12 feet of glacial sediments. The last foot may have entered into the Anubis fault zone. Not definitively the fault zone but oxidation in angular limestone clasts are noted. Also clayey material that may be related to the fault is present. Photos 6367-6368.
AnEx-173	618358	7113319	1.5	3.0	1.5	7.1	5x10x5. The upper 2ft is limestone colluvium. Bottom 3ft of pit is dark clayey argillite with oxidized seams. Ground is too frozen to continue to get deeper. Photos 6372-6373.
AnEx-174	618305	7113337	4.6	3.0	1.8	25.5	15x10x6. The upper 3ft is limestone colluvium,. Below that is ~1ft oxide horizon. The remainer of the pit consists of fractured to clayey argillite with local oxidation. Photos 6376-6380.
AnEx-175	618243	7113348	3.0	2.4	1.5	11.3	10x8x5. The upper 2ft consists of colluvium. Below this horizon is highly fractured and locally oxidized limestone bedrock. Preferential fracture orientation appears to be parallel to the Anubis fault. Limestone is strongly altered, stylolitic and contains calcite veins. Alterations consist predominantly or oxidation and tan coloured argillic breccias. Photos 6381-6383.
AnEx-176	618256	7113364	4.6	3.0	1.8	25.5	15x10x6. The upper 4ft of the pit is colluvium. The lower 11ft is powdery, clayey fractured argillite. The lower 4ft of the pit contains a zone of intense oxidation within the argillite. Appears to be a localized zone of oxidation within the hanging wall argillites. Photos 6389-6391.
AnEx-177	618242	7113370	4.6	3.0	1.5	21.2	15x10x5. Upper 4ft is colluvium. The lower 11ft of the pit is highly fractured black argillite with no obvious systematic planes to measure. Fracturing is abundant and sporadic. Photos 6394-6396.
AnEx-178	618199	7113372	3.0	1.8	3.0	17.0	10x6x10. The upper 3ft is colluvium. Below that is outcrop of strongly altered limestone in bedrock to the bottom of the pit. High calcite vein density, strong oxidation and abundant tan CBx material is near pervasive within the limestone near the pit bottom. Photos 6397-6399.
AnEx-179	618212	7113375	0.9	3.0	1.5	4.2	3x10x5. The upper 2ft is colluvium. The remainder of the pit is highly fractured dark argillite. No obvious oxidation. Photos 6402-6404.
AnEx-180	618150	7113395	3.0	4.0	1.8	22.1	10x13x6. The upper 3ft of the pit is colluvium. The bottom 7ft is light brown coloured, sandy, highly calcareous oxide. Photos 6406-6408
AnEx-181	618074	7113433	2.4	3.0	1.5	11.3	8x10x5. The upper 3ft is colluvium. The lower 5ft is highly fractured argillite with localized oxidation. Photo 6410-6412.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-182	618055	7113461	3.7	3.0	1.5	17.0	12x10x5. Upper 2 ft is colluvium. Below that is powdery argillite with variable oxidation for the remainder of the pit. Oxidation appears to be controlled by chaotic seams and irregular pods. Photos 6413-6416.
AnEx-183	618060	7113489	4.6	3.0	1.8	25.5	15x10x6. The upper 3ft of the pit is organic soil. The remaining 13ft is dark clayey argillite with minor oxidation. Photos 6417-6419.
AnEx-184	618023	7113434	2.1	3.0	1.5	9.9	7x10x5. Upper 2ft is colluvium, Lower 5ft of pit is moderately fractured limestone bedrock. Alteration is weak.
AnEx-185	618057	7113435	1.5	2.4	1.5	5.7	5x8x5. The upper 1.5ft is colluvium. The lower 3.5ft is variably oxidized, highly calcite veined highly fractured limestone and black clay that may be DCA limestone or dark argillite fragments. Pit appears to be representative of the fault zone. Photos 6422-6423.
AnEx-186	617980	7113450	1.2	2.1	1.5	4.0	4x7x5. The top foot of the pit is colluvium, The lower 3ft of the pit is limestone bedrock which is highly fractured and variably oxidized. Where oxidation is present the magnitude of oxidation is strong to intense. Photos 6427-6429
AnEx-187	617995	7113440	3.0	2.4	1.8	13.6	10x8x6. The upper 4ft is limestone colluvium. The lower 6ft is highly fractured limestone with abundant sandy oxide. Photos 6430-6433
AnEx-188	617936	7113491	2.4	3.0	1.8	13.6	8x10x6. The upper 2ft of the pit is colluvium. Below that is ~20cm horizon of dark coloured argillite. The remainder of the pit is highly fractured limestone with sandy oxide. Appears to represent the hanging wall and foot wall to the Anubis fault. Photos 6434-6437.
AnEx-189	617872	7113513	1.5	2.4	1.5	5.7	5x8x5. Upper 2ft is colluvium. Lower 3ft is weakly oxidized fault breccia? With massive calcite and ferruginous calcite. Large fragments of fractured, calcite veined limestone also occur within this horizon. Limestone has been variably dolomitized and oxidized. Photo 6439-6440.
AnEx-190	617808	7113539	3.7	4.6	1.5	25.5	12x15x5. Upper 4ft is colluvium. The lower 8ft is dark clayey argillite. Oxidation and possible decarbonitization appears to be occurring within the argillite. May be hanging wall alteration in proximity to the Anubis fault. Photos 6443-6446.
AnEx-191	617623	7113513	2.4	4.6	1.5	17.0	8x15x5. The upper 3ft of the pit is organics. Remaining 5ft is colluvium consisting of large limestone boulders with light brown sandy matrix material. Colluvium horizon is frozen P.6452,6457-6458
AnEx-192	617656	7113554	3.0	4.6	1.5	21.2	10x15x5. The upper 4ft of the pit is fluvial sediments containing abundant argillite. The remainder of the pit is transported cover. Glacial to glacial-fluvial material. Brown clay surrounding assorted subangular clasts. Material is strongly frozen. Photos 6459-6461.
AnEx-193	617841	7113525	3.0	4.6	1.8	25.5	10x15x6. The upper 4ft is bouldery limestone colluvium. Below that is a sandy horizon with abundant argillite cobbles. Within this horizon occurs clay rich zones (till?). These consist of brown clay surrounding subrounded argillite clasts with minor oxide. Photos 6454-6456.
AnEx-194	617677	7113588	2.1	3.0	1.2	7.9	7x10x4. The upper 6ft of the pit is limestone colluvium. The bottom of the pit is limestone bedrock which appears to display a low alteration intensity and low strain expression. Photos 6462-6463.
AnEx-195	617679	7113603	3.0	3.0	0.9	8.5	10x10x3. The upper 3ft of the pit is colluvium. The lower 10ft is highly oxidized brown to dark grey clay and abundant altered limestone clasts. Pit material in the lower 7ft appears typical of the Anubis fault zone.Photos 6467-6468.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-196	617709	7113648	4.6	3.0	1.2	17.0	15x10x4. The upper 4ft is a brown transported cover horizon. The lower 11ft is carbonaceous clayey argillite with localized oxidation and what may be strain expression in the form of cataclastic breccias. Photos 6469-6471.
AnEx-197	617754	7113698	3.0	3.0	1.5	14.2	10x10x5. The entire pit consists of glacial till.
AnEx-198	617654	7113760	1.2	2.1	1.5	4.0	~4ft into frozen till. May want to come back with ripper. Pit length and width based on pits of similar depth.
AnEx-199	617612	7113700	2.7	2.4	0.9	6.1	9x8x3. Entire pit consists of glacial till. Frozen at bottom. Photos 6477-6478.
AnEx-200	617578	7113663	2.4	3.0	1.2	9.1	8x10x4. The upper 5ft is transported cover. The remainder of the pit consists of large, angular limestone fragments (colluvium or subcrop?) Limestone in the bottom of the pit typically displays a low alteration intensity although strong alteration is noted locally. P.6479-6480.
AnEx-201	617592	7113685	4.6	3.0	1.2	17.0	15x10x4. Entire pit consists of transported cover. Glacial-fluvial sediments. Photos 6481-6482
AnEx-202	617564	7113610	1.8	3.0	4.3	23.8	6x10x14. Upper ft is organics. The lower 5ft is frozen, light brown unconsolidated sediments derived from footwall limestone. Large angular fragments of light coloured limestone are present surrounded by a light brown sandy matrix that is locally oxidized. Photos 6483-6485.
AnEx-203	617536	7113571	2.1	3.7	1.2	9.5	7x12x4. 1ft Ah horizon with the remainder of the pit consisting of light brown, unconsolidated, poorly sorted gravelly sand with large boulders of dolomitized limestone. May be nearing subrcrop at bottom of hole. Photos 6487-6488.
AnEx-204	617446	7113610	2.1	3.0	1.2	7.9	7x10x4. The upper 3ft is poorly sorted transported cover. The remainder of the pit is highly fractured limestone with light brown sandy matrix material. Coarser limestone fragments display CBx textures and dolomitization. Bottom of pit appears to be subcrop/bedrock. Photos 6488-6489
AnEx-205	617475	7113663	4.6	3.0	1.5	21.2	15x10x5. The upper 12ft of the pit consists of angular limestone boulders and cobbles with a light brown sandy matrix. This horizon is clast supported. The bottom 3ft of the pit consists of very hematitic limestone. Clayey hematite material and hematite altered coarse fragments. Photos 6496-6499.
AnEx-206	617482	7113699	2.1	3.7	1.2	9.5	7x12x4. The upper 3ft of the pit is colluvium. From 3ft to 6ft is glacial till. Pit appears to bottom in altered limestone bedrock. Photos 6503-6504.
AnEx-207	617516	7113739	3.0	4.6	1.2	17.0	10x15x4. Enrite pit consists of transported cover. Appears to be glacial fluvial in origin.
AnEx-208	617543	7113791	1.2	3.0	1.2	4.5	4x10x4. Heavily frozen transported cover. May want to return with ripper.
AnEx-209	617504	7113718	4.6	3.0	1.5	21.2	15x10x5. Entire pit is large clast supported limestone boulders in a light brown sandy matrix. Colluvium? P.6507-6508.
AnEx-210	617484	7113684	3.7	3.7	1.8	24.5	12x12x6. The upper 10ft consists of angular limestone boulders in a sandy matrix. Appears to be colluvium. The lower 2ft of the pit may be in limestone bedrock or subcrop. Material at the bottom of the pit displays a low alteration intensity. P.6509-6510.
AnEx-211	617445	7113828	4.6	3.0	1.2	17.0	15x10x4. The upper 11ft of the pit is a transported cover horizon consisting of dark coloured glacial-glacial fluvial material. The lower ft of the pit appears to enter a horizon of different transported cover. The material in the lower horizon consists of angular, dolomitized limestone clasts in a light brown clayey matrix. P.6511-6512.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-212	617418	7113788	4.6	3.7	1.2	20.4	15x12x4. The upper 5ft is transported cover. 5ft-10ft is dark coloured gravelly sand (fluvial seds). The bottom of the pit is an intense alteration zone. Appears to be in bedrock. Intense oxidation of limestone. Limestone is micrite with CBx texture. More platy than is typically noted in the footwall limestone but does appear very similar in appearance to the footwall carbonate unit. Based on pit location there appears to be geometric devience in the Anubis fault at this location. Possibly a bend or stepover. Photos 6511-6518.
AnEx-213	617390	7113740	4.6	3.0	1.2	17.0	15x10x4. The entire pit is transported cover. Subrounded limestone boulders in a light brown sandy matrix. Non consolidated. P.6522-6523.
AnEx-214	617359	7113697	4.6	3.0	1.2	17.0	15x10x4. The entire pit is unconsolidated transported cover. Appears to be glacialfluvial sediments. Photos 6524-6525.
AnEx-215	617335	7113656	2.1	3.0	1.2	7.9	7x10x4. The upper 6ft of the pit is transported cover. Subrounded limestone boulders in a sandy matrix. The last foot appears to be in bedrock which consisted of dolomitized limestone with local tan argillic alteration. P6527
AnEx-216	617458	7113649	2.4	3.0	1.2	9.1	8x10x4. Entire pit was in frozen transported cover. Transported hemititic altered limestone was seen first at 6ft. Photos 7865-7866
AnEx-217	617401	7113763	4.3	3.0	1.2	15.9	14x10x4. The upper 10 ft was transported cover followed by 2 ft of massive calcite which may or may not be transported. Limestone bedrock was reached, limestone was heavily calcite veined with minor oxidization. Photos 7867-7869
AnEx-218	617434	7113800	4.3	2.4	1.2	12.7	14x8x4 The upper 11 ft was transported cover. 3 ft of black rock which make up the hanging wall of the Anubis fault. No evidence that the bottom of the pit was in bedrock but I suspect that it was subcrop, and very close to the Anubis Fault. Photos 7870-7876
AnEx-219	617425	7113801	3.0	6.1	1.2	22.7	10x20x4. The upper 8ft was transported cover. Limestone bedrock was reached at pit bottom, and was close to Anubis fault. Limestone was calcite veined and some zones of oxidized limestone or veins. Photos 7877-7881
AnEx-220	617417	7113675	2.4	3.7	1.2	10.9	8x12x4. The south side of this pit was frozen, the frozen layer sloped down to the north. To the south of this pit the ground is frozen. The pit was dug to the south to expose un altered limestone bedrock. 8ft of grey cover above bedrock. Photos7885-7887
AnEx-221	617432	7113707	4.3	3.0	1.2	15.9	14x10x4. The entire pit was in transported cover. The top 5ft was grey soil, then 2ft of reb-brown soil with oxidized rocks. Then into beige brown soil with lots of clay alteration and crackle breccia. Photos 7888-7895
AnEx-222	617445	7113727	4.3	3.0	1.2	15.9	14x10x4. The entire pit was in transported cover. The top 5ft was grey soil, then 2ft of reb-brown soil with oxidized rocks. Then into beige brown soil with random oxide material dispersed. Pit looks similar to AnEx221. Photos 7896-7902
AnEx-223	617469	7113767	4.3	3.0	1.2	15.9	14x10x4. The upper 8ft was transported cover which is probably glacial fluvial in origin. The through 3 ft of dark black siltstone with some altered clasts. Then into more transported limestone with some oxidized clasts. Photos 7904-7907
AnEx-224	617529	7113636	3.0	3.0	1.5	14.2	10x10x5. The upper 5ft of pit was transported cover, brown-red soil with some oxidized wackstone. Then into limestone and subcrop of micritic, calcite veined limestone. Photos 7908-7912

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-225	617625	7113631	3.0	3.0	2.4	22.7	10x10x8. The upper 6ft of the pit is brown dirt with unaltered limestone. The cover is ontop of limestone bedrock which is variably clay altered. Bedding can be seem in this pit (161/30). This pit was redug on 23rd of Aug to reach bedrock. Photos 7915-7916 + 8072-76
AnEx-226	617650	7113631	3.0	3.0	1.8	17.0	10x10x6. The eitire pit was dug in transported limestone cover. Got to frozen ground at 9ft. Did not get to desired hanging wall stratigraphy. Photos 7917-7919
AnEx-227	617697	7113632	3.7	3.0	1.5	17.0	12x10x5. The eitire pit consisted of brown transported, unaltered limestone. Frozen at 10 ft. not allowing axcess to hanging wall stratigraphy. Photo 7920
AnEx-228	617723	7113576	2.4	3.0	1.5	11.3	8x10x5. The entire pit was in transported limestone cover. Could not get past 8ft due to large frozen boulders and water in pit bottom. Would not recommend returning with ripper. Photos7921-7922
AnEx-229	617793	7113546	3.4	3.0	1.2	12.5	11x10x4. The upper 10 ft of this pit was transported cover, possibly gracial material. Limestone bedrock at pit bottom wit minor oxide and vugs. Photos 7924-7927
AnEx-230	617699	7113404	2.4	3.0	1.2	9.1	8x10x4. The upper 6ft up this pit was transported limestone cover. Then into bedrock, were able to get 2ft into bedrock, dark limestone with some clay alteration, and massive calcite. The north wall of the pit was planar and could represent bedding. 142/70. Photos 7932-36
AnEx-231	617681	7113371	3.0	2.4	1.2	9.1	10x8x4. The upper 4ft of this pit was transported limestone cover, then into fractured bedrock. The bedrock was easily dug into. Some photos of this pit show bedding, the photos are facing east. Bedding is approx. 135/65. Photos 7937-43
AnEx-232	617680	7113323	3.0	3.0	1.2	11.3	10x10x4. The upper 7ft of this pit is transported limestone cover. Below that is a lawer of clay (beige-orange). This clay layer is associated with clay altered rock and some oxidized rocks. The layer of clay increases in thickness and decreases in depth towards the south. Bedrock is variable altered. Photos 7945-58
AnEx-233	617676	7113301	3.0	3.0	1.2	11.3	10x10x4. The upper 6ft of this pit was transported limestone cover. The north end of the pit is in limestone, relatively unaltered compared to the south end of the pit which has clay associated with altered rocks, clay alteration + minor oxidization. Photos 7959-70
AnEx-234	617675	7113211	2.4	3.0	1.2	9.1	8x10x4. The upper 6ft of the pit were transporter cover, gravel material, possibly gracial in origin. Then into limestone bedrock which is heavily calcite veined. Photos 7979-82
AnEx-235	617680	7113311	2.4	3.0	1.2	9.1	8x10x4. The upper 3ft of this pit is transported limestone cover. Then into a 1-2ft layer of clay which caps the clay altered bedrock. The top layer of clay is red, then it changes to beige as the pit progresses. Photos 7983-87
AnEx-236	617628	7113309	3.7	3.0	1.2	13.6	12x10x4. The upper 10ft of this pit was transported cover, mostly limestone. Then into fractured limestone bedrock. Limestone is calcite veined and variably clay altered, with minor red-brown staining. Photos 7988-91
AnEx-237	617557	7113309	4.3	3.0	1.2	15.9	14x10x4. This pit was in glacial till, gravel, sand and boulders. The material at the bottom was fine sand and the odd cobble, and grading upwards to boulders with fine material. Photo 7992.
AnEx-238	617644	7113137	0.9	15.2	1.5	21.2	A trench was dug here. 50ft long, 5ft wide and 3ft deep at most. The trench was dug in a recessive bench above Au in soil. The south end of the trench was in limestone with calcite veins and minor oxidization. The north end of the trench ended in an oxide zone that was adjacent to silicified limestone. Large calcite vein associated with the alteration. Samples were taken starting from the south, working north. Photos 8008-8023

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-239	617674	7113263	2.1	2.7	1.5	8.9	7x9x5. The upper 5ft of this pit is transported limestone cover that is frozen. Then into shattered frozen limestone with variable clay alteration. Photos 8024-29
AnEx-240	617707	7113346	2.4	2.4	1.2	7.2	8x8x4. The upper 4 ft of transported limestone cover. Then into fractured limestone bedrock. The limestone has zones of clay alteration and oxide. There is a vein 3cm thick of clay that was sampled. Photos 8030-35
AnEx-241	617646	7113271	1.5	2.4	1.2	4.5	5x8x4. At the south side of this pit bedrock is just below the moss, and at the north side of this pit bedrock is reached at 4ft. The cover is frozen transported limestone. The limestone bedrock shows minor clay alteration. Photos 8036-38
AnEx-242	617655	7113299	1.8	2.4	1.2	5.4	6x8x4. The upper 4ft of this pit consists of transported limestone cover. There are altered rocks in the cover. The limestone bedrock is micritic and unaltered. Photos 8039-42
AnEx-243	617658	7113328	1.5	2.4	1.2	4.5	5x8x4. The upper 5ft of this pit was transported limestone cover, some of which is altered. The limestone bedrock is grey unaltered micrite which is shattered by ice. Photos 8043-46
AnEx-244	617690	7113315	1.8	1.8	1.5	5.1	6x6x5. The upper 2ft of this pit was transported limestone cover. Some clay alteration in cover. Bedrock limestone is dark with lots of calcite veins and some oxide blebs. Photos 8047-49
AnEx-245	617665	7113316	1.8	2.4	1.2	5.4	6x8x4. The upper 3-4 ft of this pit is transported cover. There are many altered rocks in the cover, oxide + clay alteration. The bedrock is grey micritic limestone. Photos8050-52
AnEx-246	617671	7113290	3.0	2.4	1.2	9.1	10x8x4. The upper4ft of this pit is transported limestone cover. Under the cover is a layer of clay with associated altered rock. Then into clay altered bedrock which is variably oxidized and brecciated. In the photos of the pit it can be seen that the contact with the clay layer and the bedrock can be seen dipping into the hill, which could be the contact with more altered rocks. Photos 8053-62
AnEx-247	617454	7113738	3.0	2.4	1.8	13.6	10x8x6. The upper 5ft of this pit was brown dirt and transported rocks. Under that layer there was a transported layer of altered rocks onotop of unaltered limestone. The altered horizon is 2ft thick and consisted of oxidized and clay altered limestone. Photos 8063-70
AnEx-248	617507	7113771	4.3	2.4	1.2	12.7	14x8x4. The upper 10 ft of this pit was transported cover, some till near the top, but the cover is mostly limestone. Then into argillite fragments and dirt which is also transported. Pit depth was maxed out so bedrock was not reached. Photos 8071
AnEx-249	617634	7113657	3.0	3.0	1.5	14.2	10x10x5. The upper 8ft of this pit was orange material. The pit was orange due to large amount of calcite, massive calcite and calcite rich rocks. This material was cover ontop of grey limestone bedrock that has black veinlets and calcite veins. Photos 8077-85
AnEx-250	617673	7113680	4.3	2.4	1.2	12.7	14x8x4. This entire pit was transported cover. Dominated by gravel with limestone fragments. There was a layer 1ft thick of argillite at 12ft, with more gracel and limestone below it. Photos 8086-87
AnEx-251	619464	7113086	14.9	14.9	3.7	815.9	Trench running SE-NW through AnEx 13 which returned Au grades. Regarding location in trench, 0m is located at the NW end of the trench where the alteration begins. Alteration is sandy decarb with associated base metal alteration. Pb-Fe-As-Sb oxides found throughout the trench. the trench is 15m long with about 14m in the alteration zone. Starting from the NW the alteration is dominated by sandy decarb with galena in separate lenses in the first 8ft. At around 10ft the alteration changes to oxide zone with orange-yellow oxide, then back into sandy decarb alteration. Clay is variable throughout. Some blue-grey staining is notes in sections. Pit depth and width based on photos.

Pit ID	Easting	Northing	Depth (m)	Length (m)	Width (m)	Volume (m^3)	Pit Summary
AnEx-252	619066	7113538	7.9	7.9	3.7	229.7	A N-S oriented trench was centred on the UTm above, and was in alteration zone of clay altered bedrock for 8meters. 4meters on either side of the UTM. A trench was started at the UTM trenching perpendicular to the N-S trench trenching to the west. It was only in alteration zone for 3m then hit bedded unaltered limestone. Bedding was 125/40. Alteration zone is bedding parallel. Pit depth and width based on photos.
AnEx-253	619055	7113548	3.7	2.4	1.2	10.9	12x8x4. This pit had 8ft of till cover then into clay altered bedrock with light color brown dirt that is limey. This is thought to represent the NE boundary of the alteration.
AnEx-254	619047	7113549	3.7	2.4	1.2	10.9	12x8x4. This pit had 6ft of till cover then into orange clay altered bedrock. The bedrock was very crumble and clay rich. There were many altered rock fragments in the pit. Some beige clay, some silicified and decarb alteration.

APPENDIX IX

DIAMOND DRILLING - GEOLOGICAL, GEOTECHNICAL AND SAMPLE LOGS

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629132	7111454	1519.27	516.03

ZONE: Isis East

SECTION: IE130E

HOLE: OS -13-198

CLAIM: Sten 39

Contractor: Superior

Drill: 6

Core Size: HQ-NQ

Casing Depth: 3.05m, Out

Drilling Dates: Jun 14 - Jun 24, 2013

Geology Logged By: M. Pultz

SURVEY			
Depth (m)	Azimuth	Dip	Method
15.24	357.72	-56.1	Reflex
516.02	3.52	-61	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.43	2.43	OVB
2.43	124.59	122.16	LST
124.59	174.75	50.16	DMT
174.75	267.1	92.35	DST
267.1	326	58.9	LST
326	401.87	75.87	DST
401.87	516.03	114.16	LST

SAMPLES	
Numbers:	M397401 to M397568, N831251 to N831255, N831262 to N831266, N831268 to N831277, N831287 to N831289, N831296
Total:	192
Batch:	002, 003, 005, 008, 010, C01, C02
Certificates:	WH13113606, WH13113607, WH13113609, WH13115629, WH13118113, WH13121187, WH13121802

COMMENTS
Hole ended after it reached the target depth

OS -13-198

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.43	2.43	OVB	--	Casing No Recovery							
						--	--	---	---	--	--	0
2.43	124.59	122.16	LST	MG	Bedded limestone with a minor interbed of diamictite and dolostone.							
						MD	GY	BD	OXI	1I	Py	0.5
124.59	174.75	50.16	DMT	MG	Diamictite sandwiched between two silty mudstone horizons.							
								BD				
						MD	GY	MA	---	--	Py	0.5
174.75	267.10	92.35	DST	MG	Bedded and massive dolostone with local zones of brecciation.							
											Py	0.5
								MA			Om	0.5
						MD	GY	BD	---	--	Re	0.5
267.10	326.00	58.90	LST	FG	Bedded silty limestone to massive limestone, with dolomitized limey siltstone.							
								MA				
						MD	GY	BD	---	--	Re	1
326.00	401.87	75.87	DST	FG	Crackle brecciated limestone, bedded limestone, with interbeds of siltstone and minor dolostone.							
								MA				
						DK	GY	BD			Om	0.5
						MD	GY	BX	DCA	1I	Re	2
401.87	516.03	114.16	LST	FG	Limestone with interbedded limey to non-limey siltstone, debrites (rudstone?) and minor dolostone.							
								MA				
						MD	GY	BD	---	--	Py	0.5

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.43	2.43	0	0	0.00	0	--	--	--	overburden, no recovery
2.43	3.05	0.62	0.37	60	0.00	0	4R	2H	4W	
3.05	4.57	1.52	0.74	49	0.00	0	4R	3H	3W	
4.57	6.10	1.53	1.12	73	0.00	0	4R	3H	2W	
6.10	7.62	1.52	1.2	79	0.66	43	4R	3H	2W	
7.62	9.14	1.52	1.28	84	0.32	21	4R	3H	2W	
9.14	10.67	1.53	1.53	100	0.43	28	4R	3H	1W	
10.67	12.19	1.52	1.52	100	0.44	29	4R	3H	1W	
12.19	13.72	1.53	1.53	100	0.21	14	4R	3H	1W	
13.72	15.24	1.52	1.46	96	0.30	20	4R	3H	1W	
15.24	16.76	1.52	1.52	100	1.00	66	4R	3H	1W	
16.76	18.29	1.53	1.23	80	0.21	14	4R	3H	1W	
18.29	19.81	1.52	1.52	100	0.90	59	4R	3H	1W	
19.81	21.34	1.53	1.53	100	0.78	51	4R	3H	1W	
21.34	22.86	1.52	1.45	95	0.70	46	4R	3H	1W	
22.86	24.38	1.52	1.49	98	0.54	36	4R	3H	1W	
24.38	25.91	1.53	1.53	100	1.04	68	4R	3H	1W	
25.91	27.43	1.52	1.52	100	0.90	59	4R	3H	1W	
27.43	28.96	1.53	1.42	93	0.67	44	4R	3H	1W	
28.96	30.48	1.52	1.51	99	1.35	89	4R	3H	1W	
30.48	32.00	1.52	1.39	91	0.85	56	4R	3H	1W	
32.00	33.53	1.53	1.53	100	0.81	53	4R	3H	1W	
33.53	35.05	1.52	1.5	99	0.77	51	4R	3H	1W	
35.05	36.58	1.53	1.53	100	0.78	51	1R	3H	1W	
36.58	38.10	1.52	1.52	100	0.62	41	1R	3H	1W	
38.10	39.62	1.52	1.49	98	0.70	46	4R	3H	1W	
39.62	41.15	1.53	1.52	99	0.65	42	4R	4H	1W	
41.15	42.67	1.52	1.52	100	0.71	47	4R	3H	1W	
42.67	44.20	1.53	1.52	99	0.45	29	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.20	45.72	1.52	1.52	100	0.20	13	4R	3H	1W	
45.72	47.24	1.52	1.52	100	0.53	35	4R	3H	1W	
47.24	48.77	1.53	1.53	100	0.54	35	4R	3H	1W	
48.77	50.29	1.52	1.52	100	0.57	38	4R	3H	1W	
50.29	51.82	1.53	1.4	92	0.74	48	4R	4H	1W	
51.82	53.34	1.52	1.45	95	0.80	53	4R	4H	1W	
53.34	54.86	1.52	1.52	100	0.80	53	4R	4H	1W	
54.86	56.39	1.53	1.3	85	0.60	39	4R	3H	1W	
56.39	57.91	1.52	1.52	100	0.90	59	4R	3H	1W	
57.91	59.44	1.53	1.28	84	0.30	20	4R	3H	1W	
59.44	60.96	1.52	1.23	81	0.75	49	4R	3H	1W	
60.96	62.48	1.52	1.43	94	0.29	19	4R	3H	1W	
62.48	64.00	1.52	1.49	98	0.81	53	4R	3H	1W	
64.00	65.53	1.53	1.53	100	0.53	35	4R	4H	1W	
65.53	67.06	1.53	1.2	78	0.60	39	4R	3H	1W	
67.06	68.58	1.52	1.52	100	0.32	21	4R	3H	1W	
68.58	70.10	1.52	1.52	100	0.56	37	4R	3H	1W	
70.10	71.63	1.53	1.5	98	0.66	43	4R	3H	1W	
71.63	73.15	1.52	1.45	95	1.05	69	4R	4H	1W	
73.15	74.68	1.53	1.44	94	0.60	39	4R	3H	1W	
74.68	76.20	1.52	1.52	100	0.92	61	4R	3H	1W	
76.20	77.72	1.52	1.52	100	1.20	79	4R	3H	1W	
77.72	79.25	1.53	1.53	100	1.37	90	4R	3H	1W	
79.25	80.77	1.52	1.52	100	0.92	61	4R	3H	1W	
80.77	82.30	1.53	1.53	100	0.99	65	4R	3H	1W	
82.30	83.82	1.52	1.45	95	0.75	49	4R	3H	1W	
83.82	85.34	1.52	1.52	100	1.09	72	4R	3H	1W	
85.34	86.87	1.53	1.47	96	0.61	40	4R	3H	1W	
86.87	88.39	1.52	1.48	97	0.67	44	4R	3H	1W	
88.39	89.92	1.53	1.48	97	1.30	85	4R	4H	1W	
89.92	91.44	1.52	1.52	100	1.31	86	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
91.44	92.96	1.52	1.52	100	1.17	77	4R	4H	1W	
92.96	94.49	1.53	1.48	97	0.68	44	4R	3H	1W	
94.49	96.01	1.52	1	66	0.42	28	2R	4H	1W	
96.01	97.54	1.53	1.21	79	0.57	37	2R	3H	1W	
97.54	99.06	1.52	1.52	100	1.03	68	2R	3H	1W	
99.06	100.58	1.52	1.26	83	0.59	39	3R	3H	1W	
100.58	102.11	1.53	1.53	100	1.14	75	3R	3H	1W	
102.11	103.63	1.52	1.5	99	0.89	59	3R	3H	1W	
103.63	105.16	1.53	1.41	92	0.84	55	1R	3H	1W	
105.16	106.68	1.52	1.5	99	1.14	75	2R	4H	1W	
106.68	108.20	1.52	1.45	95	1.21	80	2R	3H	1W	
108.20	109.73	1.53	1.43	93	0.89	58	3R	3H	1W	
109.73	111.25	1.52	1.2	79	0.45	30	3R	3H	1W	
111.25	112.78	1.53	1.51	99	0.83	54	3R	3H	1W	
112.78	114.30	1.52	1.3	86	0.57	38	3R	3H	1W	
114.30	115.82	1.52	1.49	98	0.98	64	3R	3H	1W	
115.82	117.35	1.53	1.45	95	1.07	70	4R	3H	1W	
117.35	118.87	1.52	1.52	100	1.14	75	4R	3H	1W	section of 25 degree joints at the end of the interval
118.87	120.40	1.53	1.44	94	0.75	49	3R	3H	1W	
120.40	121.92	1.52	1.52	100	1.04	68	4R	3H	1W	
121.92	123.44	1.52	1.34	88	0.68	45	3R	3H	1W	
123.44	124.97	1.53	1.3	85	0.47	31	3R	3H	1W	
124.97	126.49	1.52	1.41	93	0.74	49	1R	3H	1W	
126.49	128.02	1.53	1.4	92	1.19	78	1R	3H	1W	
128.02	129.54	1.52	1.39	91	0.75	49	1R	3H	1W	
129.54	131.06	1.52	1.52	100	1.35	89	0R	3H	1W	
131.06	132.59	1.53	1.24	81	0.84	55	2R	3H	1W	
132.59	134.11	1.52	1.4	92	0.89	59	0R	3H	1W	
134.11	135.64	1.53	1.44	94	1.28	84	2R	3H	1W	
135.64	137.16	1.52	1.52	100	1.16	76	1R	3H	1W	
137.16	138.68	1.52	1.21	80	0.40	26	2R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.68	140.21	1.53	1.01	66	0.59	39	2R	3H	1W	
140.21	141.73	1.52	1.21	80	0.86	57	2R	3H	1W	
141.73	143.26	1.53	1.53	100	1.42	93	4R	3H	2W	
143.26	144.78	1.52	1.27	84	0.68	45	4R	3H	2W	
144.78	146.30	1.52	1.13	74	0.52	34	4R	3H	4W	
146.30	147.83	1.53	1.41	92	1.16	76	3R	3H	3W	
147.83	149.35	1.52	1.51	99	1.38	91	4R	3H	2W	
149.35	150.88	1.53	1.46	95	1.12	73	4R	3H	2W	
150.88	152.40	1.52	1.51	99	1.51	99	4R	3H	1W	
152.40	153.92	1.52	1.52	100	1.44	95	4R	4H	1W	
153.92	155.45	1.53	1.53	100	1.33	87	3R	3H	2W	
155.45	156.97	1.52	1.46	96	1.40	92	4R	3H	1W	
156.97	158.50	1.53	1.53	100	1.51	99	4R	3H	1W	
158.50	160.02	1.52	1.4	92	1.39	91	4R	3H	1W	
160.02	161.54	1.52	1.5	99	1.33	88	4R	4H	1W	
161.54	163.07	1.53	1.47	96	1.40	92	4R	3H	1W	
163.07	164.59	1.52	1.52	100	1.48	97	4R	3H	1W	
164.59	166.12	1.53	1.47	96	1.39	91	4R	3H	1W	
166.12	167.64	1.52	1.52	100	1.31	86	0R	3H	1W	
167.64	169.16	1.52	1.39	91	1.31	86	0R	3H	1W	
169.16	170.69	1.53	1.51	99	1.22	80	0R	3H	1W	
170.69	172.21	1.52	1.47	97	0.87	57	0R	3H	1W	
172.21	173.74	1.53	1.51	99	0.81	53	0R	3H	1W	
173.74	175.26	1.52	1.35	89	0.47	31	2R	3H	1W	
175.26	176.78	1.52	1.04	68	0.61	40	2R	3H	1W	
176.78	178.31	1.53	1.53	100	1.18	77	2R	4H	1W	
178.31	179.83	1.52	1.52	100	1.27	84	2R	4H	1W	
179.83	181.36	1.53	1.42	93	1.26	82	2R	3H	1W	
181.36	182.88	1.52	1.49	98	1.29	85	2R	3H	1W	
182.88	184.40	1.52	1.37	90	1.30	86	2R	3H	1W	
184.40	185.93	1.53	1.53	100	1.53	100	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
185.93	187.45	1.52	1.44	95	0.96	63	1R	4H	1W	
187.45	188.98	1.53	1.48	97	1.29	84	1R	4H	1W	
188.98	190.50	1.52	1.33	88	0.84	55	1R	4H	1W	
190.50	192.02	1.52	1.21	80	0.32	21	1R	4H	1W	
192.02	193.55	1.53	1.48	97	0.92	60	1R	4H	1W	
193.55	195.07	1.52	1.1	72	0.58	38	1R	4H	1W	
195.07	196.60	1.53	1.53	100	1.10	72	1R	4H	1W	
196.60	198.12	1.52	1.25	82	1.07	70	1R	4H	1W	
198.12	199.64	1.52	1.52	100	1.52	100	1R	4H	1W	
199.64	201.17	1.53	1.38	90	1.04	68	1R	4H	1W	
201.17	202.69	1.52	1.02	67	0.60	39	3R	4H	1W	
202.69	204.22	1.53	1.15	75	0.26	17	1R	3H	1W	
204.22	205.74	1.52	1.52	100	1.49	98	1R	4H	1W	
205.74	207.26	1.52	1.52	100	1.44	95	1R	4H	1W	
207.26	208.79	1.53	1.37	90	0.88	58	1R	3H	1W	
208.79	210.31	1.52	1.36	89	1.20	79	1R	4H	1W	
210.31	211.84	1.53	1.41	92	1.36	89	1R	4H	1W	
211.84	213.36	1.52	1.52	100	1.40	92	1R	4H	1W	
213.36	214.88	1.52	1.32	87	0.66	43	1R	4H	1W	
214.88	216.41	1.53	1.53	100	1.53	100	1R	3H	1W	
216.41	217.93	1.52	1.39	91	1.15	76	1R	3H	1W	
217.93	219.46	1.53	1.53	100	1.39	91	1R	3H	1W	
219.46	220.98	1.52	1.43	94	1.42	93	1R	3H	1W	
220.98	222.50	1.52	1.43	94	1.26	83	1R	3H	1W	
222.50	224.03	1.53	1.53	100	1.51	99	1R	3H	1W	
224.03	225.55	1.52	1.52	100	1.40	92	1R	3H	1W	
225.55	227.08	1.53	1.32	86	0.41	27	1R	3H	1W	
227.08	228.60	1.52	1.44	95	1.07	70	1R	3H	1W	
228.60	230.12	1.52	1.29	85	0.97	64	1R	3H	1W	
230.12	231.65	1.53	1.41	92	1.01	66	1R	3H	1W	
231.65	233.17	1.52	1.4	92	1.29	85	1R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
233.17	234.70	1.53	1.47	96	1.27	83	1R	3H	1W	
234.70	236.22	1.52	1.43	94	1.34	88	1R	3H	1W	
236.22	237.74	1.52	1.52	100	0.70	46	1R	3H	1W	
237.74	239.27	1.53	1.28	84	0.67	44	1R	3H	1W	
239.27	240.79	1.52	1.41	93	0.93	61	1R	3H	1W	
240.79	242.32	1.53	1.53	100	1.21	79	1R	3H	1W	
242.32	243.84	1.52	1.44	95	1.40	92	1R	3H	1W	
243.84	245.36	1.52	1.34	88	0.72	47	1R	3H	1W	
245.36	246.88	1.52	1.42	93	0.85	56	1R	3H	1W	
246.88	248.41	1.53	1.41	92	0.75	49	1R	3H	1W	
248.41	249.94	1.53	1.53	100	1.22	80	1R	4H	1W	
249.94	251.46	1.52	1.36	89	1.19	78	0R	3H	1W	
251.46	252.98	1.52	1.52	100	0.41	27	3R	3H	1W	
252.98	254.51	1.53	1.53	100	1.35	88	3R	3H	1W	
254.51	256.03	1.52	1.35	89	0.94	62	3R	3H	1W	
256.03	257.56	1.53	1.53	100	1.45	95	3R	3H	1W	
257.56	259.08	1.52	1.26	83	0.60	39	1R	3H	1W	
259.08	260.60	1.52	1.06	70	0.42	28	1R	3H	1W	
260.60	263.65	3.05	2.59	85	1.39	46	1R	3H	1W	
263.65	266.70	3.05	2.81	92	0.61	20	1R	3H	1W	
266.70	269.75	3.05	1	33	0.41	13	0R	3H	1W	
269.75	270.66	0.91	0.51	56	0.00	0	1R	3H	1W	
270.66	271.27	0.61	0.1	16	0.00	0	1R	3H	1W	
271.27	271.88	0.61	0.11	18	0.00	0	3R	3H	1W	
271.88	272.19	0.31	0.23	74	0.00	0	4R	3H	1W	
272.19	272.49	0.30	0.23	77	0.00	0	3R	3H	1W	
272.49	272.80	0.31	0.08	26	0.00	0	1R	3H	1W	
272.80	273.10	0.30	0.17	57	0.14	47	1R	3H	1W	
273.10	274.62	1.52	1.32	87	0.81	53	1R	3H	1W	
274.62	277.06	2.44	2.25	92	0.73	30	3R	3H	1W	
277.06	278.28	1.22	1.04	85	0.86	70	3R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
278.28	281.94	3.66	3.35	92	2.90	79	1R	3H	1W	
281.94	284.99	3.05	3	98	2.90	95	3R	3H	1W	
284.99	288.04	3.05	2.9	95	2.86	94	3R	3H	1W	
288.04	291.08	3.04	3	99	2.61	86	4R	3H	1W	
291.08	294.13	3.05	2.81	92	2.01	66	1R	3H	1W	
294.13	297.18	3.05	2.85	93	2.19	72	2R	4H	1W	
297.18	300.23	3.05	2.57	84	1.60	52	4R	3H	1W	
300.23	303.28	3.05	2.99	98	1.89	62	4R	4H	1W	
303.28	306.32	3.04	2.91	96	2.07	68	3R	3H	1W	
306.32	309.37	3.05	3.05	100	2.43	80	4R	3H	1W	
309.37	312.42	3.05	3.05	100	2.64	87	4R	3H	1W	
312.42	315.47	3.05	2.94	96	2.61	86	1R	3H	1W	
315.47	318.52	3.05	2.79	91	1.95	64	3R	3H	1W	
318.52	321.56	3.04	2.85	94	2.11	69	1R	3H	1W	
321.56	324.61	3.05	2.94	96	2.73	90	1R	3H	1W	
324.61	327.66	3.05	2.03	67	0.95	31	3R	3H	1W	
327.66	330.71	3.05	2.82	92	2.18	71	3R	4H	1W	
330.71	333.76	3.05	2.82	92	2.18	71	3R	4H	1W	
333.76	336.80	3.04	2.54	84	2.24	74	1R	3H	1W	
336.80	339.85	3.05	2.68	88	2.12	70	1R	4H	1W	
339.85	342.90	3.05	2.67	88	2.25	74	1R	3H	1W	
342.90	345.95	3.05	2.94	96	1.79	59	1R	4H	1W	
345.95	349.00	3.05	3.01	99	1.95	64	1R	4H	1W	
349.00	352.04	3.04	2.66	88	2.42	80	1R	4H	1W	
352.04	355.09	3.05	2.83	93	1.88	62	1R	4H	1W	
355.09	358.14	3.05	3.05	100	0.76	25	1R	4H	1W	
358.14	361.19	3.05	3.05	100	0.76	25	1R	4H	1W	
361.19	364.24	3.05	2.7	89	0.70	23	2R	4H	1W	
364.24	367.28	3.04	2.94	97	0.37	12	2R	4H	1W	
367.28	370.33	3.05	2.79	91	0.67	22	1R	4H	1W	
370.33	373.38	3.05	2.53	83	0.71	23	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
373.38	376.43	3.05	2.53	83	0.71	23	1R	4H	1W	
376.43	379.48	3.05	2.62	86	0.21	7	0R	4H	1W	
379.48	382.52	3.04	2.72	89	0.83	27	0R	3H	1W	
382.52	385.57	3.05	3.05	100	1.11	36	1R	3H	1W	
385.57	388.62	3.05	3.05	100	2.71	89	1R	3H	1W	
388.62	391.67	3.05	2.75	90	0.44	14	0R	3H	1W	
391.67	394.72	3.05	3.05	100	0.97	32	4R	2H	1W	1R at the beginning of interval. Mineralization acounts for a 5S
394.72	397.76	3.04	2.87	94	2.06	68	3R	3H	1W	
397.76	400.81	3.05	3.05	100	1.06	35	1R	3H	1W	
400.81	403.86	3.05	3.05	100	2.30	75	4R	4H	1W	
403.86	406.91	3.05	3.05	100	2.76	90	4R	4H	1W	
406.91	409.96	3.05	3.02	99	2.24	73	1R	4H	1W	
409.96	413.00	3.04	3.04	100	2.12	70	4R	3H	1W	
413.00	416.05	3.05	3.01	99	1.61	53	4R	4H	1W	1R at the beginning of the interval
416.05	419.10	3.05	2.98	98	1.98	65	4R	4H	1W	
419.10	422.15	3.05	3	98	2.01	66	4R	4H	1W	
422.15	425.20	3.05	3.05	100	2.77	91	4R	4H	1W	
425.20	428.24	3.04	2.97	98	2.28	75	4R	4H	1W	
428.24	431.29	3.05	3.02	99	2.48	81	4R	4H	1W	
431.29	434.34	3.05	3.05	100	1.42	47	4R	4H	1W	
434.34	437.39	3.05	2.98	98	1.98	65	4R	4H	1W	
437.39	440.44	3.05	2.92	96	1.43	47	4R	3H	1W	
440.44	443.48	3.04	2.95	97	1.95	64	2R	3H	1W	
443.48	446.53	3.05	2.9	95	0.97	32	3R	4H	1W	
446.53	449.58	3.05	2.94	96	2.63	86	4R	4H	1W	
449.58	452.63	3.05	2.97	97	1.99	65	1R	4H	1W	
452.63	455.68	3.05	2.95	97	1.69	55	2R	4H	1W	
455.68	458.72	3.04	2.67	88	1.76	58	4R	4H	1W	
458.72	461.77	3.05	3.05	100	2.74	90	4R	4H	1W	
461.77	464.82	3.05	2.96	97	2.52	83	4R	4H	1W	
464.82	467.87	3.05	2.86	94	2.02	66	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
467.87	470.92	3.05	2.96	97	1.12	37	4R	4H	1W	
470.92	473.05	2.13	2.13	100	1.91	90	4R	4H	1W	
473.05	475.45	2.40	2.4	100	1.90	79	4R	4H	1W	
475.45	477.01	1.56	1.26	81	0.88	56	4R	4H	1W	
477.01	480.06	3.05	3.05	100	2.40	79	4R	4H	1W	
480.06	483.11	3.05	2.95	97	2.36	77	4R	4H	1W	
483.11	486.16	3.05	3	98	2.52	83	4R	4H	1W	
486.16	489.20	3.04	2.98	98	2.76	91	4R	4H	1W	
489.20	492.25	3.05	2.96	97	2.28	75	4R	4H	1W	
492.25	495.30	3.05	2.99	98	2.83	93	4R	4H	1W	
495.30	496.82	1.52	1.44	95	1.06	70	4R	4H	1W	
496.82	498.35	1.53	1.33	87	0.93	61	4R	4H	1W	
498.35	501.40	3.05	2.98	98	2.72	89	4R	4H	1W	
501.40	503.22	1.82	1.7	93	1.14	63	4R	4H	1W	
503.22	505.97	2.75	2.64	96	1.62	59	4R	3H	1W	
505.97	507.19	1.22	0.95	78	0.52	43	3R	3H	1W	
507.19	509.63	2.44	2.44	100	1.79	73	3R	3H	1W	
509.63	511.91	2.28	2.15	94	1.80	79	4R	3H	1W	
511.91	513.59	1.68	1.6	95	1.15	68	4R	3H	1W	
513.59	514.50	0.91	0.86	95	0.23	25	4R	3H	1W	
514.50	516.03	1.53	1.32	86	0.51	33	3R	3H	1W	EOH

OS -13-198

Nadaleen
Isis East Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M397507	13-005			✔		
0.00	0.00	0.00	-QC-	0.00	0	M397563	13-010		CS1			
0.00	0.00	0.00	-QC-	0.00	0	M397550	13-010			✔		
0.00	0.00	0.00	-QC-	0.00	0	M397548	13-010		CS3			
0.00	0.00	0.00	-QC-	0.00	0	M397543	13-008		CS3			
0.00	0.00	0.00	-QC-	0.00	0	M397523	13-008			✔		
0.00	0.00	0.00	-QC-	0.00	0	M397404	13-002			✔		
0.00	0.00	0.00	-QC-	0.00	0	M397511	13-008		CS3			
0.00	0.00	0.00	-QC-	0.00	0	M397495	13-005		CS1			
0.00	0.00	0.00	-QC-	0.00	0	M397490	13-005			✔		
0.00	0.00	0.00	-QC-	0.00	0	M397479	13-005		CS1			
0.00	0.00	0.00	-QC-	0.00	0	M397469	13-003			✔		
0.00	0.00	0.00	-QC-	0.00	0	M397459	13-003		CS1			
0.00	0.00	0.00	-QC-	0.00	0	M397453	13-003			✔		
0.00	0.00	0.00	-QC-	0.00	0	M397446	13-003		CS1			
0.00	0.00	0.00	-QC-	0.00	0	M397433	13-002			✔		
0.00	0.00	0.00	-QC-	0.00	0	M397421	13-002		CS1			
0.00	0.00	0.00	-QC-	0.00	0	M397413	13-002		CS1			
0.00	0.00	0.00	-QC-	0.00	0	M397515	13-008			✔		
3.05	9.14	6.09	LST	4.71	77	N831251	13-C01	Chip				
9.14	15.24	6.10	LST	6.04	99	N831252	13-C01	Chip				
15.24	21.34	6.10	LST	5.80	95	N831253	13-C01	Chip				
21.34	27.43	6.09	LST	5.99	98	N831254	13-C01	Chip				
27.43	33.53	6.10	LST	5.85	96	N831255	13-C01	Chip				
33.53	36.58	3.05	LST	3.03	99	M397401	13-002					
36.58	39.62	3.04	LST	3.01	99	M397402	13-002					
39.62	40.87	1.25	LST	0.98	78	M397403	13-002					

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
40.87	42.55	1.68	LST	1.60	95	M397405	13-002			☐	☐	☐
42.55	44.20	1.65	LST	1.53	93	M397406	13-002			☐	☐	☐
44.20	47.24	3.04	LST	2.92	96	M397407	13-002			☐	☐	☐
47.24	48.77	1.53	LST	1.53	100	M397408	13-002			☐	☐	☐
47.24	48.77	1.53	LST	1.53	100	M397409	13-002			☐	☑	☐
48.77	50.61	1.84	LST	1.68	91	M397410	13-002			☐	☐	☐
50.61	53.34	2.73	LST	2.31	85	M397411	13-002			☐	☐	☐
53.34	56.39	3.05	LST	2.82	92	M397412	13-002			☐	☐	☐
56.39	59.44	3.05	LST	2.80	92	M397414	13-002			☐	☐	☐
59.44	62.48	3.04	LST	2.66	88	M397415	13-002			☐	☐	☐
62.48	65.53	3.05	LST	3.02	99	M397416	13-002			☐	☐	☐
62.48	65.53	3.05	LST	3.02	99	M397417	13-002			☐	☐	☑
65.53	68.58	3.05	LST	2.72	89	M397418	13-002			☐	☐	☐
68.58	71.63	3.05	LST	2.82	92	M397419	13-002			☐	☐	☐
71.63	74.68	3.05	LST	2.89	95	M397420	13-002			☐	☐	☐
74.68	77.72	3.04	LST	3.04	100	M397422	13-002			☐	☐	☐
77.72	80.77	3.05	LST	3.05	100	M397423	13-002			☐	☐	☐
80.77	83.82	3.05	LST	2.98	98	M397424	13-002			☐	☐	☐
83.82	86.87	3.05	LST	2.99	98	M397425	13-002			☐	☐	☐
86.87	89.92	3.05	LST	2.96	97	M397426	13-002			☐	☐	☐
89.92	92.96	3.04	LST	3.04	100	M397427	13-002			☐	☐	☐
92.96	96.01	3.05	LST	2.48	81	M397428	13-002			☐	☐	☐
96.01	99.06	3.05	LST	2.73	90	M397429	13-002			☐	☐	☐
99.06	102.11	3.05	LST	2.79	91	M397430	13-002			☐	☐	☐
102.11	103.77	1.66	LST	1.46	88	M397431	13-002			☐	☐	☐
103.77	106.05	2.28	LST	2.10	92	M397432	13-002			☐	☐	☐
106.05	108.20	2.15	LST	2.14	100	M397434	13-002			☐	☐	☐
108.20	111.25	3.05	LST	2.63	86	M397435	13-002			☐	☐	☐
111.25	114.30	3.05	LST	2.81	92	M397436	13-002			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
114.30	117.35	3.05	LST	2.94	96	M397437	13-003			☐	☐	☐
117.35	120.40	3.05	LST	2.96	97	M397438	13-003			☐	☐	☐
120.40	122.36	1.96	LST	1.96	100	M397439	13-003			☐	☐	☐
120.40	122.36	1.96	LST	1.96	100	M397440	13-003			☐	☑	☐
122.36	124.11	1.75	LST	1.50	86	M397441	13-003			☐	☐	☐
124.11	125.40	1.29	LST	1.23	95	M397442	13-003			☐	☐	☐
125.40	128.02	2.62	DMT	2.43	93	M397443	13-003			☐	☐	☐
128.02	129.54	1.52	DMT	1.44	95	M397444	13-003			☐	☐	☐
129.54	131.37	1.83	DMT	1.76	96	M397445	13-003			☐	☐	☐
131.37	134.11	2.74	DMT	2.49	91	M397447	13-003			☐	☐	☐
134.11	137.16	3.05	DMT	2.96	97	M397448	13-003			☐	☐	☐
134.11	137.16	3.05	DMT	2.96	97	M397449	13-003			☐	☐	☑
137.16	140.21	3.05	DMT	2.22	73	M397450	13-003			☐	☐	☐
140.21	142.55	2.34	DMT	2.15	92	M397451	13-003			☐	☐	☐
142.55	144.24	1.69	DMT	1.67	99	M397452	13-003			☐	☐	☐
144.24	146.30	2.06	DMT	1.77	86	M397454	13-003			☐	☐	☐
146.30	148.67	2.37	DMT	2.16	91	M397455	13-003			☐	☐	☐
148.67	150.45	1.78	DMT	1.72	97	M397456	13-003			☐	☐	☐
150.45	152.40	1.95	DMT	1.95	100	M397457	13-003			☐	☐	☐
152.40	155.45	3.05	DMT	3.05	100	M397458	13-003			☐	☐	☐
155.45	158.50	3.05	DMT	2.99	98	M397460	13-003			☐	☐	☐
158.50	161.54	3.04	DMT	2.90	95	M397461	13-003			☐	☐	☐
161.54	163.88	2.34	DMT	2.32	99	M397462	13-003			☐	☐	☐
163.88	165.84	1.96	DMT	1.91	97	M397463	13-003			☐	☐	☐
165.84	167.64	1.80	DMT	1.78	99	M397464	13-003			☐	☐	☐
167.64	170.69	3.05	DMT	2.89	95	M397465	13-003			☐	☐	☐
170.69	172.55	1.86	DMT	1.76	95	M397466	13-003			☐	☐	☐
172.55	174.68	2.13	DMT	1.97	92	M397467	13-003			☐	☐	☐
174.68	176.78	2.10	DMT	1.99	95	M397468	13-003			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
176.78	179.83	3.05	DST	3.05	100	M397470	13-003			☐	☐	☐
179.83	182.88	3.05	DST	2.91	95	M397471	13-003			☐	☐	☐
182.88	185.93	3.05	DST	2.90	95	M397472	13-003			☐	☐	☐
185.93	188.98	3.05	DST	2.92	96	M397473	13-005			☐	☐	☐
188.98	192.02	3.04	DST	2.54	84	M397474	13-005			☐	☐	☐
192.02	195.07	3.05	DST	2.58	85	M397475	13-005			☐	☐	☐
195.07	198.12	3.05	DST	2.78	91	M397476	13-005			☐	☐	☐
198.12	201.17	3.05	DST	2.90	95	M397477	13-005			☐	☐	☐
201.17	207.26	6.09	DST	5.21	86	N831262	13-C01	Chip		☐	☐	☐
207.26	213.36	6.10	DST	5.66	93	N831263	13-C01	Chip		☐	☐	☐
213.36	219.46	6.10	DST	5.77	95	N831264	13-C01	Chip		☐	☐	☐
219.46	225.55	6.09	DST	5.91	97	N831265	13-C01	Chip		☐	☐	☐
225.55	228.60	3.05	DST	2.76	90	N831266	13-C01	Chip		☐	☐	☐
228.60	231.65	3.05	DST	2.70	89	M397478	13-005			☐	☐	☐
231.65	234.38	2.73	DST	2.54	93	M397480	13-005			☐	☐	☐
234.38	236.22	1.84	DST	1.73	94	M397481	13-005			☐	☐	☐
236.22	239.27	3.05	DST	2.80	92	M397482	13-005			☐	☐	☐
239.27	242.32	3.05	DST	2.94	96	M397483	13-005			☐	☐	☐
242.32	245.36	3.04	DST	2.78	91	M397484	13-005			☐	☐	☐
242.32	245.36	3.04	DST	2.78	91	M397485	13-005			☐	☐	☑
245.36	248.41	3.05	DST	2.83	93	M397486	13-005			☐	☐	☐
248.41	251.46	3.05	DST	2.89	95	M397487	13-005			☐	☐	☐
251.46	252.73	1.27	DST	1.25	98	M397488	13-005			☐	☐	☐
252.73	254.51	1.78	DST	1.78	100	M397489	13-005			☐	☐	☐
254.51	257.56	3.05	DST	2.98	98	M397491	13-005			☐	☐	☐
257.56	259.83	2.27	DST	2.02	89	M397492	13-005			☐	☐	☐
259.83	261.40	1.57	DST	1.50	96	M397493	13-005			☐	☐	☐
261.40	264.18	2.78	DST	2.52	91	M397494	13-005			☐	☐	☐
264.18	267.10	2.92	DST	2.92	100	M397496	13-005			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
267.10	270.15	3.05	LST, DST	1.20	39	M397497	13-005			☐	☐	☐
270.15	273.20	3.05	LST	2.00	66	M397498	13-005			☐	☐	☐
273.20	276.25	3.05	LST	2.80	92	M397499	13-005			☐	☐	☐
276.25	279.30	3.05	LST	2.90	95	M397500	13-005			☐	☐	☐
279.30	281.94	2.64	LST	2.34	89	M397501	13-005			☐	☐	☐
281.94	284.99	3.05	LST	3.00	98	M397502	13-005			☐	☐	☐
284.99	288.04	3.05	LST	2.90	95	M397503	13-005			☐	☐	☐
284.99	288.04	3.05	LST	2.90	95	M397568	13-005			☐	☑	☐
288.04	291.08	3.04	LST	3.00	99	M397504	13-005			☐	☐	☐
291.08	294.13	3.05	LST	2.81	92	M397505	13-005			☐	☐	☐
294.13	297.18	3.05	LST	2.85	93	M397506	13-005			☐	☐	☐
297.18	299.06	1.88	LST	1.85	98	M397508	13-010			☐	☐	☐
299.06	302.11	3.05	LST	2.85	93	M397509	13-008			☐	☐	☐
302.11	304.62	2.51	LST	2.30	92	M397510	13-008			☐	☐	☐
304.62	306.32	1.70	LST	1.52	89	M397512	13-008			☐	☐	☐
306.32	309.37	3.05	LST	2.43	80	M397513	13-008			☐	☐	☐
309.37	311.14	1.77	LST	1.70	96	M397514	13-008			☐	☐	☐
311.14	313.63	2.49	LST	2.47	99	M397516	13-008			☐	☐	☐
313.63	315.47	1.84	LST	1.82	99	M397517	13-008			☐	☐	☐
315.47	318.52	3.05	LST	2.79	91	M397518	13-008			☐	☐	☐
318.52	321.56	3.04	LST	2.85	94	M397519	13-008			☐	☐	☐
321.56	324.61	3.05	LST	2.94	96	M397520	13-008			☐	☐	☐
324.61	327.66	3.05	LST	2.03	67	M397521	13-008			☐	☐	☐
327.66	330.71	3.05	DST	2.82	92	M397522	13-008			☐	☐	☐
330.71	333.76	3.05	DST	2.71	89	M397524	13-008			☐	☐	☐
333.76	336.80	3.04	DST	2.54	84	M397525	13-008			☐	☐	☐
336.80	339.85	3.05	DST	2.68	88	M397526	13-008			☐	☐	☐
339.85	342.90	3.05	DST	2.67	88	M397527	13-008			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
339.85	342.90	3.05	DST	2.67	88	M397528	13-008			☐	☑	☐
342.90	345.95	3.05	DST	2.94	96	M397529	13-008			☐	☐	☐
345.95	349.00	3.05	DST	3.01	99	M397530	13-008			☐	☐	☐
349.00	352.04	3.04	DST	2.66	88	M397531	13-008			☐	☐	☐
352.04	355.09	3.05	DST	2.83	93	M397532	13-008			☐	☐	☐
355.09	358.14	3.05	DST	3.05	100	M397533	13-008			☐	☐	☐
355.09	358.14	3.05	DST	3.05	100	M397534	13-008			☐	☐	☑
358.14	361.19	3.05	DST	2.70	89	M397535	13-008			☐	☐	☐
361.19	364.24	3.05	DST	2.94	96	M397536	13-008			☐	☐	☐
364.24	367.28	3.04	DST	2.79	92	M397537	13-008			☐	☐	☐
367.28	370.33	3.05	DST	2.80	92	M397538	13-008			☐	☐	☐
370.33	373.38	3.05	DST	2.53	83	M397539	13-008			☐	☐	☐
373.38	376.43	3.05	DST	2.95	97	M397540	13-008			☐	☐	☐
376.43	377.60	1.17	DST	1.00	85	M397541	13-008			☐	☐	☐
377.60	379.20	1.60	DST	1.60	100	M397542	13-008			☐	☐	☐
379.20	381.32	2.12	DST	2.00	94	M397544	13-008			☐	☐	☐
381.32	383.44	2.12	DST	1.93	91	M397545	13-010			☐	☐	☐
383.44	386.49	3.05	DST	2.99	98	M397546	13-010			☐	☐	☐
386.49	389.12	2.63	DST	2.46	94	M397547	13-010			☐	☐	☐
389.12	392.17	3.05	DST	3.00	98	M397549	13-010			☐	☐	☐
392.17	394.72	2.55	DST	2.55	100	M397551	13-010			☐	☐	☐
394.72	397.10	2.38	DST	2.38	100	M397552	13-010			☐	☐	☐
397.10	399.48	2.38	DST	2.38	100	M397553	13-010			☐	☐	☐
399.48	401.87	2.39	DST	2.39	100	M397554	13-010			☐	☐	☐
401.87	404.20	2.33	DST, LST	2.30	99	M397555	13-010			☐	☐	☐
404.20	406.91	2.71	LST	2.71	100	M397556	13-010			☐	☐	☐
404.20	406.91	2.71	LST	2.71	100	M397557	13-010			☐	☑	☐
406.91	409.96	3.05	LST	3.02	99	M397558	13-010			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
409.96	413.00	3.04	LST	3.04	100	M397559	13-010			☐	☐	☐
413.00	416.05	3.05	LST	3.01	99	M397560	13-010			☐	☐	☐
416.05	419.10	3.05	LST	2.98	98	M397561	13-010			☐	☐	☐
419.10	422.15	3.05	LST	3.00	98	M397562	13-010			☐	☐	☐
422.15	425.20	3.05	LST	3.05	100	M397564	13-010			☐	☐	☐
425.20	428.24	3.04	LST	2.97	98	M397565	13-010			☐	☐	☐
428.24	431.29	3.05	LST	3.02	99	M397566	13-010			☐	☐	☐
431.29	434.34	3.05	LST	3.05	100	M397567	13-010			☐	☐	☐
434.34	440.44	6.10	LST	6.03	99	N831268	13-C02	Chip		☐	☐	☐
440.44	446.53	6.09	LST	5.87	96	N831269	13-C02	Chip		☐	☐	☐
446.53	452.63	6.10	LST	5.80	95	N831270	13-C02	Chip		☐	☐	☐
452.63	458.72	6.09	LST	5.92	97	N831271	13-C02	Chip		☐	☐	☐
458.72	464.82	6.10	LST	5.72	94	N831272	13-C02	Chip		☐	☐	☐
464.82	470.92	6.10	LST	5.82	95	N831273	13-C02	Chip		☐	☐	☐
470.92	477.01	6.09	LST	6.09	100	N831274	13-C02	Chip		☐	☐	☐
477.01	483.11	6.10	LST	6.00	98	N831275	13-C02	Chip		☐	☐	☐
483.11	489.20	6.09	LST	5.98	98	N831276	13-C02	Chip		☐	☐	☐
489.20	495.30	6.10	LST	6.05	99	N831277	13-C02	Chip		☐	☐	☐
495.30	501.40	6.10	LST	5.94	97	N831287	13-C02	Chip		☐	☐	☐
501.40	507.50	6.10	LST	5.75	94	N831288	13-C02	Chip		☐	☐	☐
507.50	513.59	6.09	LST	5.98	98	N831289	13-C02	Chip		☐	☐	☐
513.59	516.03	2.44	LST	2.22	91	N831296	13-C02	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629661	7111981	1730.76	103.63

ZONE: Sunrise

SECTION: S650E

HOLE: **OS -13-199**

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 9.14m, Out

Drilling Dates: Jun 15 - Jun 16, 2013

Geology Logged By: N. Bueckert

SURVEY			
Depth (m)	Azimuth	Dip	Method
12.19	202.92	-50.6	Reflex
103.63	359.42	-53.1	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.05	3.05	OVB
3.05	63.55	60.5	LST
63.55	73.56	10.01	DMT
73.56	103.63	30.07	MST

SAMPLES	
Numbers:	M399501 to M399532, N831256 to N831261
Total:	39
Batch:	001, C01
Certificates:	WH13111763, WH13113609

COMMENTS
Hole ended in O-MST1. Ductile fault zone from 71.50 to 73.73 m, no visible mineralization.

OS -13-199

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.05	3.05	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
3.05	63.55	60.50	LST	MG	Bedded limestone with 20% gougey clay and 10% rubble at top of interval. Frequent calcite veining; fold zone mid-interval; local slickensides on fracture surfaces; local shear zones.							
								RB				
						DK	GY	BD	OXI	1I	--	0
63.55	73.56	10.01	DMT	VC	Diamictite with a 2 m long ductile fault zone or shear zone at downhole contact							
								BX				
								SN				
						MD	GY	DB	---	--	--	0
73.56	103.63	30.07	MST	VF	Green and maroon mudstone with fold zone. EOH.							
						MD	RD					
						MD	GN	BD	---	--	--	0

OS -13-199

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.05	3.05	0	0	0.00	0	--	--	--	Overburden. No recovery
3.05	4.57	1.52	0.12	8	0.00	0	4R	1H	4W	Rubble
4.57	6.10	1.53	1.04	68	0.73	48	0R	1H	4W	
6.10	7.62	1.52	0.52	34	0.00	0	4R	4H	3W	Rubble
7.62	9.14	1.52	0.7	46	0.10	7	4R	4H	3W	
9.14	10.67	1.53	0.84	55	0.11	7	4R	4H	2W	
10.67	12.19	1.52	1.24	82	0.60	39	4R	4H	1W	
12.19	13.71	1.52	1.04	68	0.00	0	4R	4H	1W	Rubble
13.71	15.24	1.53	0.98	64	0.10	7	4R	4H	1W	Rubble
15.24	16.76	1.52	1.12	74	0.14	9	4R	1H	3W	
16.76	18.29	1.53	1.1	72	0.31	20	4R	4H	3W	
18.29	19.81	1.52	1.25	82	0.13	9	4R	3H	3W	
19.81	21.34	1.53	1.3	85	0.69	45	4R	4H	2W	
21.34	22.86	1.52	1.52	100	0.70	46	4R	4H	1W	
22.86	24.38	1.52	1.38	91	0.59	39	4R	4H	1W	
24.38	25.91	1.53	1.45	95	1.02	67	4R	4H	1W	
25.91	27.43	1.52	1.36	89	0.86	57	4R	4H	1W	
27.43	28.96	1.53	1.22	80	0.63	41	3R	4H	1W	
28.96	30.48	1.52	1.41	93	0.93	61	4R	4H	1W	
30.48	32.00	1.52	1.18	78	0.61	40	4R	4H	1W	
32.00	33.53	1.53	1.37	90	0.83	54	4R	4H	1W	
33.53	35.05	1.52	1.43	94	0.60	39	4R	4H	1W	
35.05	36.58	1.53	1.33	87	0.46	30	4R	4H	1W	
36.58	38.10	1.52	1.21	80	0.61	40	4R	4H	1W	
38.10	39.62	1.52	1.29	85	0.81	53	4R	4H	1W	
39.62	41.15	1.53	1.53	100	0.74	48	4R	4H	1W	
41.15	42.67	1.52	1.46	96	0.95	63	4R	4H	1W	
42.67	44.20	1.53	1.48	97	1.16	76	4R	4H	1W	
44.20	45.72	1.52	1.27	84	0.46	30	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
45.72	47.24	1.52	1.46	96	1.05	69	4R	4H	1W	
47.24	48.77	1.53	1.4	92	0.53	35	4R	4H	1W	
48.77	50.29	1.52	1.3	86	0.63	41	4R	4H	1W	
50.29	51.82	1.53	1.5	98	0.85	56	4R	4H	1W	
51.82	53.34	1.52	1.43	94	0.88	58	4R	4H	1W	
53.34	54.86	1.52	1.41	93	1.12	74	4R	4H	1W	
54.86	56.39	1.53	1.52	99	1.25	82	4R	4H	1W	
56.39	57.91	1.52	1.41	93	1.16	76	4R	4H	1W	
57.91	59.44	1.53	1.43	93	0.48	31	4R	4H	1W	
59.44	60.96	1.52	1.52	100	0.82	54	4R	4H	1W	
60.96	62.48	1.52	1.52	100	0.82	54	4R	4H	1W	
62.48	64.01	1.53	1.53	100	1.28	84	4R	4H	1W	
64.01	65.53	1.52	1.26	83	0.84	55	4R	4H	1W	
65.53	67.06	1.53	1.53	100	1.08	71	4R	4H	1W	
67.06	68.58	1.52	1.51	99	1.46	96	4R	4H	1W	
68.58	70.10	1.52	1.51	99	1.43	94	4R	4H	1W	
70.10	71.63	1.53	1.52	99	1.38	90	4R	4H	1W	
71.63	73.15	1.52	1.43	94	0.95	63	4R	4H	1W	
73.15	74.68	1.53	1.5	98	1.21	79	0R	3H	1W	
74.68	76.20	1.52	1.39	91	1.03	68	0R	3H	1W	
76.20	77.72	1.52	1.47	97	1.03	68	0R	3H	1W	
77.72	79.25	1.53	1.4	92	1.18	77	0R	3H	1W	
79.25	80.77	1.52	1.52	100	1.23	81	0R	3H	1W	
80.77	82.30	1.53	1.45	95	0.81	53	0R	3H	1W	
82.30	83.82	1.52	1.52	100	0.95	63	0R	3H	1W	
83.82	85.34	1.52	1.46	96	0.75	49	0R	3H	1W	
85.34	86.87	1.53	1.38	90	0.92	60	0R	3H	1W	
86.87	88.39	1.52	1.48	97	0.70	46	0R	3H	1W	
88.39	89.92	1.53	1.48	97	0.98	64	0R	3H	1W	
89.92	91.44	1.52	1.5	99	1.05	69	0R	3H	1W	
91.44	92.96	1.52	1.52	100	0.96	63	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
92.96	94.49	1.53	1.46	95	0.92	60	0R	3H	1W	
94.49	96.01	1.52	1.51	99	1.43	94	0R	3H	1W	
96.01	97.54	1.53	1.46	95	1.26	82	0R	3H	1W	
97.54	99.06	1.52	1.52	100	1.43	94	0R	3H	1W	
99.06	100.58	1.52	1.38	91	0.86	57	0R	3H	1W	
100.58	102.11	1.53	1.35	88	1.05	69	0R	3H	1W	
102.11	103.63	1.52	1.36	89	0.94	62	0R	3H	1W	EOH

Sample Log

OS -13-199

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M399514	13-001			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399525	13-001			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399531	13-001		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399506	13-001		CS1	☐	☐	☐
4.57	7.62	3.05	LST	1.90	62	M399501	13-001			☐	☐	☐
7.62	10.67	3.05	LST	1.49	49	M399502	13-001			☐	☐	☐
10.67	13.71	3.04	LST	2.30	76	M399503	13-001			☐	☐	☐
13.71	16.76	3.05	LST	2.17	71	M399504	13-001			☐	☐	☐
16.76	19.81	3.05	LST	2.65	87	M399505	13-001			☐	☐	☐
19.81	22.86	3.05	LST	3.02	99	M399507	13-001			☐	☐	☐
22.86	25.91	3.05	LST	3.00	98	M399508	13-001			☐	☐	☐
25.91	28.96	3.05	LST	2.95	97	M399509	13-001			☐	☐	☐
28.96	32.00	3.04	LST	2.97	98	M399510	13-001			☐	☐	☐
32.00	35.05	3.05	LST	3.05	100	M399511	13-001			☐	☐	☐
35.05	37.02	1.97	LST	1.96	99	M399512	13-001			☐	☐	☐
37.02	39.62	2.60	LST	2.40	92	M399513	13-001			☐	☐	☐
39.62	42.22	2.60	LST	2.60	100	M399515	13-001			☐	☐	☐
42.22	44.20	1.98	LST	1.98	100	M399516	13-001			☐	☐	☐
44.20	47.24	3.04	LST	3.04	100	M399517	13-001			☐	☐	☐
47.24	50.29	3.05	LST	3.05	100	M399518	13-001			☐	☐	☐
50.29	53.34	3.05	LST	3.05	100	M399519	13-001			☐	☐	☐
50.29	53.34	3.05	LST	3.05	100	M399520	13-001			☐	☐	☑
53.34	56.39	3.05	LST	3.05	100	M399521	13-001			☐	☐	☐
56.39	59.44	3.05	LST	3.05	100	M399522	13-001			☐	☐	☐
59.44	62.48	3.04	LST	3.04	100	M399523	13-001			☐	☐	☐
62.48	65.02	2.54	LST	2.25	89	M399524	13-001			☐	☐	☐
65.02	67.06	2.04	DMT	2.04	100	M399526	13-001			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
67.06	70.10	3.04	DMT	3.04	100	M399527	13-001			☐	☐	☐
70.10	71.50	1.40	DMT	1.40	100	M399528	13-001			☐	☐	☐
70.10	71.50	1.40	DMT	1.40	100	M399529	13-001			☐	☑	☐
71.50	73.56	2.06	DMT	2.06	100	M399530	13-001			☐	☐	☐
73.56	76.20	2.64	MST, DMT	2.60	98	M399532	13-001			☐	☐	☐
73.56	76.20	2.64	MST, DMT	2.60	98	N831256	13-C01	Chip		☐	☐	☐
76.20	79.25	3.05	MST	2.98	98	N831257	13-C01	Chip		☐	☐	☐
79.25	85.34	6.09	MST	5.95	98	N831258	13-C01	Chip		☐	☐	☐
85.34	91.44	6.10	MST	5.84	96	N831259	13-C01	Chip		☐	☐	☐
91.44	97.54	6.10	MST	5.95	98	N831260	13-C01	Chip		☐	☐	☐
97.54	103.63	6.09	MST	5.61	92	N831261	13-C01	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629606	7111983	1762.24	210.31

ZONE: Sunrise

SECTION: S600E

HOLE: OS -13-200

CLAIM: Sten 29

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jun 18 - Jun 20, 2013

Geology Logged By: N. Bueckert

SURVEY			
Depth (m)	Azimuth	Dip	Method
13.71	347.02	-59.8	Reflex
196.59	358.42	-62.9	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	5.91	5.91	OVB
5.91	71.9	65.99	LST
71.9	79.37	7.47	MST
79.37	84.05	4.68	DST
84.05	100.27	16.22	LST
100.27	120.3	20.03	DST
120.3	205.76	85.46	LST
205.76	210.31	4.55	MST

SAMPLES	
Numbers:	M399533 to M399625
Total:	93
Batch:	001, 004, 006, 007
Certificates:	WH13111763, WH13115625, WH13115626, WH13118112

COMMENTS
Hole shut down in O-MST1. Realgar mineralization intercepted from 148.21 - 151.17m and 175.72 -176.78 m.

OS -13-200

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	5.91	5.91	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
5.91	71.90	65.99	LST	MG	Bedded limestone with 10% gouge and 5% bedding deformation. Calcite veining and dissolution seams locally abundant.							
						DK	GY	BD	---	--	--	0
71.90	79.37	7.47	MST	FG	Green mudstone with 70% shear fabric.							
								SN				
						MD	GN	BD	---	--	Py	1
79.37	84.05	4.68	DST	FG	Massive to bedded dolomite.							
								BD				
								BX				
						MD	GY	MA	---	--	--	0
84.05	100.27	16.22	LST	FG	Bedded limestone with moderate calcite veining.							
						MD	GY	BD	---	--	--	0
100.27	120.30	20.03	DST	FG	Bedded and crackle dolostone with intense dolomite veining.							
								BD				
								BX				
						MD	GY	MA	ASO	1I	--	0
120.30	205.76	85.46	LST	FG	Bedded limestone with folding and a zone of strong realgar mineralization. Infrequent calcite veining.							
						MD	GY	BD	ASO	1I	Re	2
205.76	210.31	4.55	MST	VF	Mudstone							
						MD	RD					
						LT	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	5.91	5.91	0	0	0.00	0	--	--	--	Overburden. NR
5.91	6.10	0.19	0.11	58	0.00	0	4R	4H	1W	Rubble
6.10	7.62	1.52	0.36	24	0.00	0	4R	4H	1W	Rubble
7.62	9.14	1.52	0.22	14	0.00	0	4R	4H	1W	Rubble
9.14	10.67	1.53	0.13	8	0.00	0	4R	4H	2W	Rubble
10.67	12.19	1.52	0.18	12	0.00	0	4R	4H	2W	Rubble
12.19	13.72	1.53	0.93	61	0.00	0	4R	4H	2W	
13.72	15.24	1.52	1.19	78	0.52	34	4R	4H	1W	
15.24	16.76	1.52	0.9	59	0.00	0	4R	3H	3W	
16.76	18.29	1.53	1.44	94	0.87	57	4R	4H	3W	
18.29	19.81	1.52	1.49	98	0.97	64	4R	4H	1W	
19.81	21.34	1.53	1.33	87	0.53	35	4R	4H	3W	
21.34	22.86	1.52	1.21	80	0.44	29	4R	2H	2W	
22.86	24.38	1.52	1.2	79	0.00	0	4R	3H	2W	
24.38	25.91	1.53	1.22	80	0.54	35	4R	3H	2W	
25.91	27.43	1.52	1.29	85	0.37	24	4R	4H	1W	
27.43	28.96	1.53	1.48	97	0.40	26	4R	3H	1W	
28.96	30.48	1.52	1.49	98	1.40	92	4R	3H	1W	
30.48	32.00	1.52	1.52	100	1.43	94	4R	3H	1W	
32.00	33.53	1.53	1.33	87	0.82	54	3R	3H	1W	
33.53	35.05	1.52	1.31	86	0.92	61	4R	4H	1W	
35.05	36.58	1.53	1.5	98	0.71	46	4R	4H	1W	
36.58	38.10	1.52	1.4	92	0.95	63	4R	4H	1W	
38.10	39.62	1.52	1.49	98	0.83	55	4R	4H	1W	
39.62	41.15	1.53	1.42	93	0.69	45	4R	4H	1W	
41.15	42.67	1.52	1.42	93	0.80	53	4R	4H	1W	
42.67	44.20	1.53	1.42	93	0.40	26	4R	4H	1W	
44.20	45.72	1.52	1.45	95	0.35	23	4R	4H	1W	
45.72	47.24	1.52	1.52	100	0.34	22	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
47.24	48.77	1.53	1.4	92	0.69	45	4R	3H	1W	
48.77	50.29	1.52	1.52	100	0.58	38	4R	4H	1W	
50.29	51.82	1.53	1.39	91	0.66	43	4R	4H	1W	
51.82	53.34	1.52	1.47	97	0.73	48	4R	4H	1W	
53.34	54.86	1.52	1.49	98	0.64	42	4R	3H	1W	
54.86	56.39	1.53	1.53	100	0.91	59	4R	4H	1W	
56.39	57.91	1.52	1.42	93	0.82	54	4R	4H	1W	
57.91	59.44	1.53	1.26	82	0.68	44	4R	4H	1W	
59.44	60.96	1.52	1.39	91	0.94	62	1R	4H	1W	
60.96	62.48	1.52	1.45	95	1.05	69	4R	4H	1W	
62.48	64.01	1.53	1.43	93	0.89	58	4R	4H	1W	
64.01	65.53	1.52	1.42	93	0.92	61	4R	4H	1W	
65.53	67.06	1.53	1.37	90	0.22	14	4R	4H	1W	
67.06	68.58	1.52	1.46	96	1.37	90	4R	4H	1W	
68.58	70.10	1.52	1.49	98	0.83	55	4R	4H	1W	
70.10	71.63	1.53	1.48	97	1.02	67	4R	4H	1W	
71.63	73.15	1.52	1.48	97	1.21	80	0R	3H	1W	
73.15	74.68	1.53	1.53	100	1.50	98	0R	3H	1W	
74.68	76.20	1.52	1.5	99	1.10	72	0R	3H	1W	
76.20	77.72	1.52	1.5	99	0.99	65	0R	3H	1W	
77.72	79.25	1.53	1.45	95	1.06	69	0R	2H	1W	
79.25	80.77	1.52	1.49	98	1.13	74	3R	3H	1W	
80.77	82.30	1.53	1.42	93	1.15	75	3R	4H	1W	
82.30	83.82	1.52	1.52	100	0.80	53	3R	4H	1W	
83.82	85.34	1.52	1.51	99	1.39	91	4R	4H	1W	
85.34	86.87	1.53	1.49	97	1.21	79	4R	3H	1W	
86.87	88.39	1.52	1.45	95	1.07	70	4R	3H	1W	
88.39	89.92	1.53	1.43	93	1.14	75	4R	4H	1W	
89.92	91.44	1.52	1.52	100	1.10	72	4R	4H	1W	
91.44	92.96	1.52	1.43	94	0.82	54	4R	4H	1W	
92.96	94.49	1.53	1.4	92	1.04	68	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
94.49	96.01	1.52	1.45	95	0.99	65	3R	3H	1W	
96.01	97.54	1.53	1.48	97	1.02	67	3R	4H	1W	
97.54	99.06	1.52	1.29	85	0.75	49	4R	4H	1W	
99.06	100.58	1.52	1.49	98	0.83	55	4R	4H	1W	
100.58	102.11	1.53	1.51	99	1.07	70	3R	4H	1W	
102.11	103.63	1.52	1.45	95	0.28	18	2R	4H	1W	
103.63	105.16	1.53	1.53	100	0.44	29	2R	4H	1W	
105.16	106.68	1.52	1.5	99	0.75	49	2R	4H	1W	
106.68	108.20	1.52	1.43	94	0.83	55	2R	4H	1W	
108.20	109.73	1.53	1.53	100	0.25	16	2R	4H	1W	
109.73	111.25	1.52	1.38	91	0.77	51	2R	4H	1W	
111.25	112.78	1.53	1.4	92	0.90	59	2R	4H	1W	
112.78	114.30	1.52	1.38	91	0.99	65	2R	4H	1W	
114.30	115.82	1.52	1.48	97	0.90	59	2R	4H	1W	
115.82	117.35	1.53	1.49	97	1.13	74	2R	4H	1W	
117.35	118.87	1.52	1.48	97	0.84	55	2R	4H	1W	
118.87	120.40	1.53	1.53	100	1.07	70	2R	4H	1W	
120.40	121.92	1.52	1.52	100	1.42	93	4R	4H	1W	
121.92	123.44	1.52	1.31	86	1.20	79	4R	4H	1W	
123.44	124.97	1.53	1.51	99	1.29	84	4R	4H	1W	
124.97	126.49	1.52	1.52	100	1.52	100	4R	4H	1W	
126.49	128.02	1.53	1.48	97	1.28	84	4R	3H	1W	
128.02	129.54	1.52	1.52	100	1.21	80	4R	3H	1W	
129.54	131.06	1.52	1.41	93	0.44	29	4R	3H	1W	
131.06	132.59	1.53	1.53	100	0.99	65	4R	4H	1W	
132.59	134.11	1.52	1.49	98	0.84	55	4R	4H	1W	
134.11	135.64	1.53	1.52	99	1.12	73	4R	4H	1W	
135.64	137.16	1.52	1.52	100	1.10	72	4R	3H	1W	
137.16	138.68	1.52	1.3	86	1.03	68	4R	3H	1W	
138.68	140.21	1.53	1.45	95	0.90	59	4R	4H	1W	
140.21	141.73	1.52	1.52	100	1.02	67	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
141.73	143.26	1.53	1.42	93	0.74	48	4R	4H	1W	
143.26	144.78	1.52	1.43	94	1.30	86	4R	4H	1W	
144.78	146.30	1.52	1.5	99	1.20	79	4R	4H	1W	
146.30	147.83	1.53	1.47	96	0.89	58	4R	3H	1W	
147.83	149.35	1.52	1.48	97	1.33	88	4R	4H	1W	
149.35	150.88	1.53	1.48	97	1.17	76	4R	4H	1W	
150.88	152.40	1.52	1.52	100	1.41	93	4R	4H	1W	
152.40	153.92	1.52	1.46	96	1.17	77	4R	4H	1W	
153.92	155.45	1.53	1.53	100	1.43	93	4R	4H	1W	
155.45	156.97	1.52	1.5	99	1.29	85	4R	4H	1W	
156.97	158.50	1.53	1.46	95	1.35	88	4R	4H	1W	
158.50	160.02	1.52	1.46	96	1.25	82	4R	4H	1W	
160.02	161.54	1.52	1.52	100	1.27	84	4R	4H	1W	
161.54	163.07	1.53	1.45	95	0.66	43	1R	4H	1W	
163.07	164.59	1.52	1.37	90	0.92	61	4R	3H	1W	
164.59	166.12	1.53	1.05	69	0.36	24	4R	4H	1W	
166.12	167.64	1.52	1.42	93	0.87	57	4R	4H	1W	
167.64	169.16	1.52	1.4	92	0.66	43	4R	4H	1W	
169.16	170.69	1.53	1.53	100	1.47	96	4R	4H	1W	
170.69	172.21	1.52	1.47	97	1.12	74	4R	4H	1W	
172.21	173.74	1.53	1.35	88	1.16	76	4R	4H	1W	
173.74	175.26	1.52	1.15	76	0.12	8	4R	4H	1W	
175.26	176.78	1.52	1.45	95	1.00	66	3R	3H	1W	
176.78	178.31	1.53	1.43	93	0.47	31	4R	3H	1W	
178.31	179.83	1.52	1.37	90	0.93	61	4R	4H	1W	
179.83	181.36	1.53	1.43	93	0.50	33	3R	3H	1W	
181.36	182.88	1.52	1.49	98	0.31	20	3R	3H	1W	
182.88	184.40	1.52	1.28	84	0.27	18	4R	3H	1W	
184.40	185.93	1.53	1.35	88	0.16	10	4R	3H	1W	
185.93	187.45	1.52	1.3	86	0.23	15	4R	4H	1W	
187.45	188.98	1.53	1.34	88	0.52	34	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
188.98	190.50	1.52	1.49	98	1.30	86	4R	4H	1W	
190.50	192.02	1.52	1.52	100	1.01	66	4R	4H	1W	
192.02	193.55	1.53	1.44	94	1.03	67	4R	4H	1W	
193.55	195.07	1.52	1.44	95	0.87	57	2R	3H	1W	
195.07	196.60	1.53	1.5	98	1.19	78	4R	4H	1W	
196.60	198.12	1.52	1.4	92	1.32	87	3R	3H	1W	
198.12	199.64	1.52	1.5	99	1.47	97	4R	3H	1W	
199.64	201.17	1.53	1.5	98	1.30	85	4R	4H	1W	
201.17	202.69	1.52	1.47	97	0.88	58	4R	4H	1W	
202.69	204.22	1.53	1.53	100	1.41	92	4R	4H	1W	
204.22	205.74	1.52	1.51	99	1.05	69	3R	3H	1W	
205.74	207.26	1.52	1.5	99	1.14	75	0R	3H	1W	
207.26	208.79	1.53	1.44	94	1.07	70	0R	3H	1W	
208.79	210.31	1.52	1.52	100	1.40	92	0R	3H	1W	EOH

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M399549	13-004			✔	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399561	13-004			✔	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399583	13-006		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399594	13-006		CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399598	13-006			✔	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399602	13-004		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399604	13-006			✔	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399611	13-007			✔	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399622	13-007		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399544	13-004		CS1	☐	☐	☐
6.10	9.14	3.04	LST	0.58	19	M399533	13-001			☐	☐	☐
9.14	12.19	3.05	LST	0.31	10	M399534	13-001			☐	☐	☐
12.19	15.24	3.05	LST	2.12	70	M399535	13-001			☐	☐	☐
15.24	18.29	3.05	LST	2.34	77	M399536	13-001			☐	☐	☐
18.29	21.34	3.05	LST	2.82	92	M399537	13-004			☐	☐	☐
21.34	22.86	1.52	LST	1.41	93	M399538	13-004			☐	☐	☐
22.86	25.91	3.05	LST	2.42	79	M399539	13-004			☐	☐	☐
25.91	28.56	2.65	LST	2.56	97	M399540	13-004			☐	☐	☐
28.56	30.48	1.92	LST	1.92	100	M399541	13-004			☐	☐	☐
30.48	32.81	2.33	LST	2.33	100	M399542	13-004			☐	☐	☐
32.81	35.37	2.56	LST	2.46	96	M399543	13-004			☐	☐	☐
35.37	38.10	2.73	LST	2.60	95	M399545	13-004			☐	☐	☐
38.10	39.62	1.52	LST	1.52	100	M399546	13-004			☐	☐	☐
39.62	42.67	3.05	LST	2.84	93	M399547	13-004			☐	☐	☐
42.67	45.72	3.05	LST	2.87	94	M399548	13-004			☐	☐	☐
45.72	48.77	3.05	LST	2.92	96	M399550	13-004			☐	☐	☐
48.77	51.82	3.05	LST	2.91	95	M399551	13-004			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
51.82	54.86	3.04	LST	2.96	97	M399552	13-004			☐	☐	☐
54.86	57.91	3.05	LST	2.95	97	M399553	13-004			☐	☐	☐
57.91	60.96	3.05	LST	2.65	87	M399554	13-004			☐	☐	☐
60.96	64.01	3.05	LST	2.88	94	M399555	13-004			☐	☐	☐
64.01	67.06	3.05	LST	2.79	91	M399556	13-004			☐	☐	☐
67.06	68.75	1.69	LST	1.61	95	M399557	13-004			☐	☐	☐
67.06	68.75	1.69	LST	1.60	95	M399558	13-004			☐	☑	☐
68.75	70.49	1.74	LST	1.74	100	M399559	13-004			☐	☐	☐
70.49	71.90	1.41	LST	1.41	100	M399560	13-004			☐	☐	☐
71.90	74.68	2.78	MST, LST	2.78	100	M399562	13-004			☐	☐	☐
74.68	77.72	3.04	MST	3.00	99	M399563	13-004			☐	☐	☐
77.72	79.37	1.65	MST	1.63	99	M399564	13-004			☐	☐	☐
79.37	82.30	2.93	MST, DST	2.92	100	M399565	13-004			☐	☐	☐
82.30	84.05	1.75	DST	1.75	100	M399566	13-004			☐	☐	☐
84.05	86.15	2.10	LST, DST	2.10	100	M399567	13-004			☐	☐	☐
84.05	86.15	2.10	LST, DST	2.10	100	M399568	13-004			☐	☐	☑
86.15	88.39	2.24	LST	2.17	97	M399569	13-004			☐	☐	☐
88.39	91.44	3.05	LST	2.95	97	M399570	13-004			☐	☐	☐
91.44	92.96	1.52	LST	1.43	94	M399571	13-004			☐	☐	☐
92.96	95.45	2.49	LST	2.49	100	M399572	13-006			☐	☐	☐
95.45	97.29	1.84	LST	1.83	99	M399573	13-006			☐	☐	☐
97.29	100.21	2.92	LST	2.65	91	M399574	13-006			☐	☐	☐
100.21	102.11	1.90	LST	1.90	100	M399575	13-006			☐	☐	☐
102.11	105.16	3.05	DST	2.98	98	M399576	13-006			☐	☐	☐
105.16	108.20	3.04	DST	2.93	96	M399577	13-006			☐	☐	☐
105.16	108.20	3.04	DST	2.93	96	M399578	13-006			☐	☐	☑
108.20	111.25	3.05	DST	2.91	95	M399579	13-006			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
111.25	114.30	3.05	DST	2.78	91	M399580	13-006			☐	☐	☐
114.30	116.12	1.82	DST	1.80	99	M399581	13-006			☐	☐	☐
116.12	118.87	2.75	DST	2.75	100	M399582	13-006			☐	☐	☐
118.87	120.40	1.53	DST	1.53	100	M399584	13-006			☐	☐	☐
120.40	123.44	3.04	LST	2.83	93	M399585	13-006			☐	☐	☐
123.44	126.49	3.05	LST	3.03	99	M399586	13-006			☐	☐	☐
126.49	129.54	3.05	LST	3.00	98	M399587	13-006			☐	☐	☐
129.54	131.06	1.52	LST	1.41	93	M399588	13-006			☐	☐	☐
129.54	131.06	1.52	LST	1.41	93	M399589	13-006			☐	☑	☐
131.06	134.11	3.05	LST	3.02	99	M399590	13-006			☐	☐	☐
134.11	137.16	3.05	LST	3.04	100	M399591	13-006			☐	☐	☐
137.16	140.21	3.05	LST	2.75	90	M399592	13-006			☐	☐	☐
140.21	143.26	3.05	LST	2.94	96	M399593	13-006			☐	☐	☐
143.26	146.30	3.04	LST	2.93	96	M399595	13-006			☐	☐	☐
146.30	148.18	1.88	LST	1.86	99	M399596	13-006			☐	☐	☐
148.18	151.18	3.00	LST	2.98	99	M399597	13-006			☐	☐	☐
151.18	153.92	2.74	LST	2.74	100	M399599	13-006			☐	☐	☐
153.92	156.97	3.05	LST	3.03	99	M399600	13-006			☐	☐	☐
156.97	160.02	3.05	LST	2.92	96	M399601	13-006			☐	☐	☐
160.02	162.06	2.04	LST	2.04	100	M399603	13-006			☐	☐	☐
162.06	164.59	2.53	LST	2.51	99	M399605	13-006			☐	☐	☐
164.59	167.64	3.05	LST	2.46	81	M399606	13-006			☐	☐	☐
167.64	170.69	3.05	LST	2.93	96	M399607	13-006			☐	☐	☐
170.69	173.74	3.05	LST	2.82	92	M399608	13-006			☐	☐	☐
173.74	175.73	1.99	LST	1.83	92	M399609	13-007			☐	☐	☐
175.73	176.78	1.05	LST	1.05	100	M399610	13-007			☐	☐	☐
176.78	178.70	1.92	LST	1.80	94	M399612	13-007			☐	☐	☐
178.70	181.36	2.66	LST	2.55	96	M399613	13-007			☐	☐	☐
181.36	184.40	3.04	LST	2.77	91	M399614	13-007			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
184.40	187.45	3.05	LST	2.65	87	M399615	13-007			☐	☐	☐
184.40	187.45	3.05	LST	2.65	87	M399616	13-007			☐	☐	☑
187.45	190.50	3.05	LST	2.83	93	M399617	13-007			☐	☐	☐
190.50	193.55	3.05	LST	2.96	97	M399618	13-007			☐	☐	☐
193.55	196.60	3.05	LST	2.94	96	M399619	13-007			☐	☐	☐
196.60	199.64	3.04	LST	2.90	95	M399620	13-007			☐	☐	☐
199.64	202.69	3.05	LST	2.97	97	M399621	13-007			☐	☐	☐
202.69	204.79	2.10	LST	2.10	100	M399623	13-007			☐	☐	☐
204.79	207.26	2.47	LST	2.47	100	M399624	13-007			☐	☐	☐
207.26	210.31	3.05	MST	2.96	97	M399625	13-007			☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629606	7111943	1756.06	262.13

ZONE: Sunrise

SECTION: S600E

HOLE: OS -13-201

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 7.62m, Out

Drilling Dates: Jun 20 - Jun 24, 2013

Geology Logged By: N. Bueckert

SURVEY

Depth (m)	Azimuth	Dip	Method
18.28	22.82	0	Reflex
262.12	2.72	-62.8	Reflex

TARGET:

SUMMARY

From (m)	To (m)	Interval (m)	Rock Type
0	2.14	2.14	OVB
2.14	53.1	50.96	SLT
53.1	120.57	67.47	LST
120.57	131	10.43	SLT
131	256.68	125.68	LST
256.68	262.13	5.45	MST

SAMPLES

Numbers:	M399626 to M399698, N831278 to N831286, N831290 to N831295
Total:	88
Batch:	007, 009, 011, C02
Certificates:	WH13118112, WH13118114, WH13121187, WH13121803

COMMENTS

Hole shut down in O-MST1. Two mineralized zones intercepted from 197.59 - 207.80 m.

OS -13-201

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.14	2.14	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
2.14	53.10	50.96	SLT	FG	Thin to medium bedded greyish green, muddy siltstone. No maroon colour. Disseminated pyrite throughout mud and silt bedding.							
						LT	GN	BD	---	--	Py	2
53.10	120.57	67.47	LST	FG	Dark grey and white, thin to medium bedded limestone and muddy limestone. A shear zone is associated with the transition into C-LST2. Calcite veining is moderate to abundant throughout the interval.							
								SN				
						DK	GY	BD	---	--	--	0
120.57	131.00	10.43	SLT	FG	Thin bedded muddy siltstone. The lithology has distinct light green and light red bedding. Disseminated pyrite throughout bedding and within limey white calcite veinlets. Uncertain if unit belongs to O-SLT2. Resembles the unit from 2.14-53.10 m.							
						LT	RD					
						LT	GN	BD	---	--	Py	2
131.00	256.68	125.68	LST	MG	Thin to medium bedded light and dark grey limestone with a conformable package of rudstone. Bedded Realgar mineralization occurs in bedded limestone downhole of the rudstone package.							
								RD				
						MD	GY	BD	---	--	--	0
256.68	262.13	5.45	MST	VF	Red and green bedded mudstone.							
						MD	RD					
						LT	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.14	2.14	0	0	0.00	0	--	--	--	Overburden. NR
2.14	3.05	0.91	0.88	97	0.00	0	0R	2H	3W	highly fractured
3.05	4.57	1.52	0.43	28	0.00	0	0R	2H	3W	highly fractured
4.57	6.10	1.53	1.18	77	0.22	14	0R	2H	3W	
6.10	7.62	1.52	1.38	91	0.15	10	0R	2H	3W	
7.62	9.14	1.52	1.52	100	0.39	26	0R	2H	3W	
9.14	10.67	1.53	0.99	65	0.00	0	0R	2H	3W	highly fractured
10.67	12.19	1.52	1.5	99	0.10	7	0R	2H	3W	
12.19	13.72	1.53	1.52	99	0.28	18	0R	2H	2W	
13.72	15.24	1.52	1.52	100	0.15	10	0R	2H	2W	
15.24	16.76	1.52	1.52	100	0.64	42	0R	2H	1W	
16.76	18.29	1.53	1.52	99	0.97	63	0R	2H	1W	
18.29	19.81	1.52	1.5	99	0.93	61	0R	2H	1W	
19.81	21.34	1.53	1.51	99	0.71	46	0R	2H	1W	
21.34	22.86	1.52	1.44	95	0.52	34	0R	2H	2W	
22.86	24.38	1.52	1.42	93	0.36	24	0R	2H	2W	
24.38	25.91	1.53	1.37	90	0.25	16	0R	2H	3W	
25.91	27.43	1.52	1.5	99	0.39	26	0R	2H	1W	
27.43	28.96	1.53	1.48	97	0.55	36	0R	2H	1W	
28.96	30.48	1.52	1.51	99	0.61	40	0R	2H	1W	
30.48	32.00	1.52	1.52	100	0.30	20	0R	2H	2W	
32.00	33.53	1.53	1.48	97	0.14	9	0R	2H	2W	
33.53	35.05	1.52	1.02	67	0.26	17	0R	2H	2W	
35.05	36.58	1.53	1.09	71	0.71	46	0R	2H	1W	
36.58	38.10	1.52	1.48	97	0.89	59	0R	2H	1W	
38.10	39.62	1.52	1.52	100	0.40	26	0R	2H	1W	
39.62	41.15	1.53	1.49	97	0.84	55	0R	2H	1W	
41.15	42.67	1.52	1.48	97	0.51	34	0R	2H	1W	
42.67	44.20	1.53	1.52	99	1.29	84	0R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.20	45.72	1.52	1.44	95	1.16	76	0R	2H	1W	
45.72	47.24	1.52	1.37	90	0.92	61	0R	2H	1W	
47.24	48.77	1.53	1.52	99	1.08	71	2R	3H	1W	
48.77	50.29	1.52	1.35	89	0.84	55	2R	4H	1W	
50.29	51.82	1.53	1.4	92	1.12	73	2R	4H	1W	
51.82	53.34	1.52	1.52	100	1.15	76	2R	3H	1W	
53.34	54.86	1.52	1.31	86	0.46	30	4R	4H	1W	
54.86	56.39	1.53	1.53	100	1.01	66	2R	3H	1W	
56.39	57.91	1.52	1.52	100	0.26	17	2R	2H	1W	
57.91	59.44	1.53	1.53	100	0.70	46	3R	4H	1W	
59.44	60.96	1.52	1.52	100	0.65	43	4R	3H	1W	
60.96	62.48	1.52	1.37	90	0.30	20	4R	4H	1W	
62.48	64.01	1.53	1.41	92	0.57	37	4R	3H	1W	
64.01	65.53	1.52	1.52	100	0.71	47	4R	3H	1W	
65.53	67.06	1.53	1.47	96	0.73	48	4R	4H	1W	
67.06	68.58	1.52	1.44	95	0.91	60	4R	3H	1W	
68.58	70.10	1.52	1.42	93	1.02	67	4R	4H	1W	
70.10	71.63	1.53	1.49	97	1.26	82	4R	3H	1W	
71.63	73.15	1.52	1.52	100	1.24	82	4R	4H	1W	
73.15	74.68	1.53	1.53	100	1.40	92	4R	3H	1W	
74.68	76.20	1.52	1.52	100	1.20	79	4R	4H	1W	
76.20	77.72	1.52	1.52	100	1.20	79	4R	4H	1W	
77.72	79.25	1.53	1.53	100	1.24	81	4R	4H	1W	
79.25	80.77	1.52	1.52	100	1.13	74	4R	4H	1W	
80.77	82.30	1.53	1.53	100	1.17	76	4R	4H	1W	
82.30	83.82	1.52	1.52	100	0.91	60	4R	4H	1W	
83.82	85.34	1.52	1.52	100	0.91	60	4R	4H	1W	
85.34	86.87	1.53	1.53	100	1.17	76	4R	4H	1W	
86.87	88.39	1.52	1.52	100	0.84	55	4R	4H	1W	
88.39	89.92	1.53	1.42	93	0.75	49	4R	4H	1W	
89.92	91.44	1.52	1.52	100	1.02	67	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
91.44	92.96	1.52	1.47	97	0.90	59	4R	4H	1W	
92.96	94.49	1.53	1.53	100	0.97	63	4R	4H	1W	
94.49	96.01	1.52	1.47	97	1.06	70	4R	4H	1W	
96.01	97.54	1.53	1.49	97	0.83	54	4R	4H	1W	
97.54	99.06	1.52	1.41	93	0.68	45	4R	4H	1W	
99.06	100.58	1.52	1.29	85	0.39	26	4R	4H	1W	
100.58	102.11	1.53	1.52	99	0.65	42	4R	4H	1W	
102.11	103.63	1.52	1.36	89	0.94	62	4R	4H	1W	
103.63	105.16	1.53	1.42	93	0.72	47	4R	4H	1W	
105.16	106.68	1.52	1.52	100	0.58	38	4R	4H	1W	
106.68	108.20	1.52	1.26	83	0.59	39	4R	4H	1W	
108.20	109.73	1.53	1.25	82	0.76	50	4R	4H	1W	
109.73	111.25	1.52	1.48	97	1.02	67	4R	4H	1W	
111.25	112.78	1.53	1.51	99	0.50	33	4R	4H	1W	
112.78	114.30	1.52	1.42	93	0.73	48	4R	3H	1W	
114.30	115.82	1.52	1.52	100	1.08	71	4R	3H	1W	
115.82	117.35	1.53	1.49	97	1.09	71	4R	3H	1W	
117.35	118.87	1.52	1.37	90	1.01	66	4R	3H	1W	
118.87	120.40	1.53	1.42	93	0.93	61	4R	3H	1W	
120.40	121.92	1.52	1.48	97	1.13	74	1R	3H	1W	
121.92	123.44	1.52	1.5	99	1.29	85	1R	3H	1W	
123.44	124.97	1.53	1.53	100	1.22	80	0R	3H	1W	
124.97	126.49	1.52	1.52	100	1.51	99	0R	3H	1W	
126.49	128.02	1.53	1.46	95	1.33	87	0R	3H	1W	
128.02	129.54	1.52	1.49	98	0.99	65	0R	3H	1W	
129.54	131.06	1.52	1.52	100	1.08	71	1R	3H	1W	
131.06	132.59	1.53	1.52	99	1.30	85	4R	3H	1W	
132.59	134.11	1.52	1.5	99	1.37	90	1R	4H	1W	
134.11	135.64	1.53	1.5	98	0.95	62	4R	3H	1W	
135.64	137.16	1.52	1.52	100	1.09	72	4R	4H	1W	
137.16	138.68	1.52	1.52	100	1.39	91	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.68	140.21	1.53	1.53	100	1.02	67	4R	4H	1W	
140.21	141.73	1.52	1.47	97	1.15	76	4R	3H	1W	
141.73	143.26	1.53	1.43	93	0.35	23	4R	3H	1W	
143.26	144.78	1.52	1.46	96	1.09	72	4R	3H	1W	
144.78	146.30	1.52	1.47	97	1.42	93	4R	3H	1W	
146.30	147.83	1.53	1.41	92	1.23	80	4R	4H	1W	
147.83	149.35	1.52	1.43	94	0.78	51	4R	3H	1W	
149.35	150.88	1.53	1.53	100	1.28	84	4R	3H	1W	
150.88	152.40	1.52	1.49	98	1.19	78	4R	3H	1W	
152.40	153.92	1.52	1.52	100	1.15	76	4R	3H	1W	
153.92	155.45	1.53	1.53	100	1.31	86	4R	3H	1W	
155.45	156.97	1.52	1.5	99	0.66	43	4R	3H	1W	
156.97	158.50	1.53	1.48	97	0.84	55	4R	3H	1W	
158.50	160.02	1.52	1.34	88	1.10	72	4R	3H	1W	
160.02	161.54	1.52	1.49	98	1.04	68	4R	3H	1W	
161.54	163.07	1.53	1.53	100	1.46	95	4R	4H	1W	
163.07	164.59	1.52	1.52	100	1.52	100	4R	4H	1W	
164.59	166.12	1.53	1.53	100	1.53	100	4R	4H	1W	
166.12	167.64	1.52	1.45	95	1.38	91	4R	4H	1W	
167.64	169.16	1.52	1.52	100	1.52	100	4R	4H	1W	
169.16	170.69	1.53	1.5	98	1.29	84	4R	3H	1W	
170.69	172.21	1.52	1.52	100	1.52	100	4R	4H	1W	
172.21	173.74	1.53	1.51	99	1.43	93	4R	1H	1W	
173.74	175.26	1.52	1.51	99	1.51	99	4R	4H	1W	
175.26	176.78	1.52	1.52	100	1.52	100	4R	4H	1W	
176.78	178.31	1.53	1.53	100	1.40	92	4R	4H	1W	
178.31	179.83	1.52	1.47	97	1.45	95	4R	4H	1W	
179.83	181.36	1.53	1.44	94	1.27	83	4R	3H	1W	
181.36	182.88	1.52	1.46	96	1.32	87	4R	3H	1W	
182.88	184.40	1.52	1.52	100	1.19	78	4R	3H	1W	
184.40	185.93	1.53	1.44	94	0.91	59	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
185.93	187.45	1.52	1.45	95	1.35	89	4R	3H	1W	
187.45	188.98	1.53	1.44	94	1.19	78	4R	3H	1W	
188.98	190.50	1.52	1.46	96	1.10	72	4R	3H	1W	
190.50	192.02	1.52	1.43	94	0.96	63	4R	3H	1W	
192.02	193.55	1.53	1.41	92	0.35	23	4R	3H	1W	
193.55	195.07	1.52	1.38	91	0.88	58	4R	3H	1W	
195.07	196.60	1.53	1.53	100	0.95	62	4R	3H	1W	
196.60	198.12	1.52	1.47	97	0.97	64	1R	3H	1W	
198.12	199.64	1.52	1.43	94	0.55	36	4R	3H	1W	
199.64	201.17	1.53	1.53	100	1.38	90	1R	3H	1W	
201.17	202.69	1.52	1.52	100	1.11	73	3R	3H	1W	
202.69	204.22	1.53	1.49	97	1.26	82	4R	3H	1W	
204.22	205.74	1.52	1.44	95	1.23	81	4R	3H	1W	
205.74	207.26	1.52	1.52	100	1.52	100	4R	3H	1W	
207.26	208.79	1.53	1.5	98	1.14	75	1R	3H	1W	
208.79	210.31	1.52	1.5	99	1.30	86	2R	3H	1W	
210.31	211.84	1.53	1.45	95	1.19	78	1R	3H	1W	
211.84	213.36	1.52	1.48	97	1.28	84	4R	3H	1W	
213.36	214.88	1.52	1.45	95	1.01	66	4R	3H	1W	
214.88	216.41	1.53	1.44	94	1.17	76	4R	3H	1W	
216.41	217.93	1.52	1.36	89	1.04	68	4R	3H	1W	
217.93	219.46	1.53	1.4	92	1.22	80	1R	3H	1W	
219.46	220.98	1.52	1.48	97	1.35	89	1R	3H	1W	
220.98	222.50	1.52	1.52	100	1.32	87	2R	1H	1W	
222.50	224.03	1.53	1.43	93	1.08	71	4R	4H	1W	
224.03	225.55	1.52	1.45	95	1.34	88	4R	4H	1W	
225.55	227.08	1.53	1.51	99	0.83	54	4R	4H	1W	
227.08	228.60	1.52	1.48	97	1.07	70	4R	3H	1W	
228.60	230.12	1.52	1.39	91	1.21	80	4R	4H	1W	
230.12	231.65	1.53	1.5	98	1.16	76	4R	3H	1W	
231.65	233.17	1.52	1.52	100	1.25	82	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
233.17	234.70	1.53	1.53	100	1.53	100	4R	3H	1W	
234.70	236.22	1.52	1.49	98	1.49	98	3R	3H	1W	
236.22	237.74	1.52	1.5	99	0.81	53	4R	4H	1W	
237.74	239.27	1.53	1.38	90	1.15	75	4R	3H	1W	
239.27	240.79	1.52	1.52	100	1.36	89	2R	3H	1W	
240.79	242.32	1.53	1.46	95	1.46	95	4R	3H	1W	
242.32	243.84	1.52	1.52	100	1.52	100	4R	3H	1W	
243.84	245.36	1.52	1.45	95	1.39	91	4R	4H	1W	
245.36	246.89	1.53	1.52	99	1.43	93	4R	4H	1W	
246.89	248.41	1.52	1.51	99	1.21	80	1R	3H	1W	
248.41	249.94	1.53	1.45	95	1.36	89	3R	3H	1W	
249.94	251.46	1.52	1.51	99	1.41	93	1R	3H	1W	
251.46	252.98	1.52	1.41	93	1.20	79	4R	4H	1W	
252.98	254.51	1.53	1.53	100	1.35	88	4R	3H	1W	
254.51	256.03	1.52	1.42	93	1.15	76	4R	3H	1W	
256.03	257.56	1.53	1.18	77	0.36	24	4R	1H	1W	1H because of gouge
257.56	259.08	1.52	1.44	95	1.16	76	0R	3H	1W	
259.08	260.60	1.52	1.49	98	1.29	85	0R	3H	1W	
260.60	262.13	1.53	1.53	100	1.53	100	0R	3H	1W	

OS -13-201

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M399635	13-007		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399650	13-009			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399656	13-009		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399664	13-009		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399679	13-009			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399686	13-011			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399690	13-011			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399629	13-007			☑	☐	☐
2.14	4.57	2.43	OVB, SLT	1.25	51	M399626	13-007			☐	☐	☐
4.57	7.62	3.05	SLT	2.56	84	M399627	13-007			☐	☐	☐
7.62	10.67	3.05	SLT	2.51	82	M399628	13-007			☐	☐	☐
10.67	12.66	1.99	SLT	1.85	93	M399630	13-007			☐	☐	☐
12.66	15.24	2.58	SLT	2.55	99	M399631	13-007			☐	☐	☐
15.24	18.29	3.05	SLT	3.04	100	M399632	13-007			☐	☐	☐
18.29	21.34	3.05	SLT	3.01	99	M399633	13-007			☐	☐	☐
21.34	24.38	3.04	SLT	2.86	94	M399634	13-007			☐	☐	☐
24.38	27.43	3.05	SLT	2.87	94	M399636	13-007			☐	☐	☐
27.43	30.48	3.05	SLT	2.99	98	M399637	13-007			☐	☐	☐
30.48	33.53	3.05	SLT	3.00	98	M399638	13-007			☐	☐	☐
33.53	36.58	3.05	SLT	2.11	69	M399639	13-007			☐	☐	☐
36.58	39.62	3.04	SLT	3.00	99	M399640	13-007			☐	☐	☐
39.62	42.67	3.05	SLT	2.97	97	M399641	13-007			☐	☐	☐
42.67	44.20	1.53	SLT	1.52	99	M399642	13-007			☐	☐	☐
42.67	44.20	1.53	SLT	1.52	99	M399643	13-007			☐	☑	☐
44.20	45.75	1.55	SLT	1.44	93	M399644	13-007			☐	☐	☐
45.75	48.77	3.02	SLT	2.89	96	M399645	13-009			☐	☐	☐
48.77	51.82	3.05	SLT	2.75	90	M399646	13-009			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
51.82	53.34	1.52	SLT	1.52	100	M399647	13-009					
53.34	56.39	3.05	LST	2.84	93	M399648	13-009					
56.39	59.44	3.05	LST	3.05	100	M399649	13-009					
59.44	62.48	3.04	LST	2.89	95	M399651	13-009					
62.48	65.53	3.05	LST	2.93	96	M399652	13-009					
65.53	68.58	3.05	LST	2.91	95	M399653	13-009					
68.58	71.63	3.05	LST	2.91	95	M399654	13-009					
71.63	74.68	3.05	LST	3.05	100	M399655	13-009					
74.68	77.72	3.04	LST	3.04	100	M399657	13-009					
77.72	80.77	3.05	LST	3.05	100	M399658	13-009					
80.77	83.82	3.05	LST	3.05	100	M399659	13-009					
83.82	86.87	3.05	LST	3.05	100	M399660	13-009					
86.87	89.92	3.05	LST	3.05	100	M399661	13-009					
89.92	92.96	3.04	LST	2.94	97	M399662	13-009					
92.96	96.01	3.05	LST	3.00	98	M399663	13-009					
96.01	99.06	3.05	LST	2.90	95	M399665	13-009					
99.06	102.11	3.05	LST	2.81	92	M399666	13-009					
102.11	105.16	3.05	LST	2.78	91	M399667	13-009					
105.16	108.20	3.04	LST	2.78	91	M399668	13-009					
108.20	111.25	3.05	LST	2.78	91	M399669	13-009					
108.20	111.25	3.05	LST	2.78	91	M399670	13-009				✔	
111.25	114.30	3.05	LST	2.93	96	M399671	13-009					
114.30	117.35	3.05	LST	3.01	99	M399672	13-009					
114.30	117.35	3.05	LST	3.01	99	M399673	13-009					✔
117.35	120.40	3.05	LST	2.79	91	M399674	13-009					
120.40	123.44	3.04	LST	2.98	98	M399675	13-009					
123.44	126.49	3.05	SLT	3.05	100	M399676	13-009					
126.49	129.54	3.05	SLT	2.95	97	M399677	13-009					
129.54	131.06	1.52	SLT	1.52	100	M399678	13-009					

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
131.06	137.16	6.10	LST	6.04	99	N831278	13-C02	Chip		☐	☐	☐
137.16	143.26	6.10	LST	5.95	98	N831279	13-C02	Chip		☐	☐	☐
143.26	149.35	6.09	LST	5.77	95	N831280	13-C02	Chip		☐	☐	☐
149.35	155.45	6.10	LST	6.07	100	N831281	13-C02	Chip		☐	☐	☐
155.45	161.54	6.09	LST	5.81	95	N831282	13-C02	Chip		☐	☐	☐
161.54	167.64	6.10	LST	6.03	99	N831283	13-C02	Chip		☐	☐	☐
167.64	173.74	6.10	LST	6.05	99	N831284	13-C02	Chip		☐	☐	☐
173.74	179.83	6.09	LST	6.03	99	N831285	13-C02	Chip		☐	☐	☐
179.83	185.93	6.10	LST	5.86	96	N831286	13-C02	Chip		☐	☐	☐
185.93	188.98	3.05	LST	2.89	95	M399680	13-009			☐	☐	☐
188.98	192.02	3.04	LST	2.89	95	M399681	13-011			☐	☐	☐
192.02	195.07	3.05	LST	2.79	91	M399682	13-011			☐	☐	☐
195.07	197.59	2.52	LST	2.51	100	M399683	13-011			☐	☐	☐
197.59	199.64	2.05	LST	1.97	96	M399684	13-011			☐	☐	☐
199.64	202.13	2.49	LST	2.49	100	M399685	13-011			☐	☐	☐
202.13	204.22	2.09	LST	2.09	100	M399687	13-011			☐	☐	☐
204.22	205.87	1.65	LST	1.65	100	M399688	13-011			☐	☐	☐
205.87	207.78	1.91	LST	1.91	100	M399689	13-011			☐	☐	☐
207.78	210.31	2.53	LST	2.50	99	M399691	13-011			☐	☐	☐
210.31	213.36	3.05	LST	2.93	96	M399692	13-011			☐	☐	☐
213.36	216.41	3.05	LST	2.89	95	M399693	13-011			☐	☐	☐
216.41	219.46	3.05	LST	2.76	90	M399694	13-011			☐	☐	☐
219.46	222.50	3.04	LST	3.00	99	M399695	13-011			☐	☐	☐
222.50	225.55	3.05	LST	2.88	94	M399696	13-011			☐	☐	☐
225.55	228.60	3.05	LST	2.99	98	M399697	13-011			☐	☐	☐
228.60	231.65	3.05	LST	2.89	95	M399698	13-011			☐	☐	☐
231.65	237.74	6.09	LST	6.04	99	N831290	13-C02	Chip		☐	☐	☐
237.74	243.84	6.10	LST	5.88	96	N831291	13-C02	Chip		☐	☐	☐
243.84	249.94	6.10	LST	5.93	97	N831292	13-C02	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
249.94	254.51	4.57	LST	4.45	97	N831293	13-C02	Chip		☐	☐	☐
254.51	256.68	2.17	LST	2.05	94	N831294	13-C02	Chip		☐	☐	☐
256.68	262.13	5.45	LST, MST	5.11	94	N831295	13-C02	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629181	7111463	1538.24	325.22

ZONE: Isis East

SECTION: IE180E

HOLE: OS -13-202

CLAIM: Sten 39

Contractor: Superior

Drill: 6

Core Size: HQ-NQ

Casing Depth: 3.05m, Out

Drilling Dates: Jun 24 - Jun 29, 2013

Geology Logged By: M. Pultz

SURVEY			
Depth (m)	Azimuth	Dip	Method
6.4	1.02	-50.1	Reflex
325.22	4.32	-52	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.85	2.85	OVB
2.85	88.39	85.54	LST
88.39	132.9	44.51	DMT
132.9	177.29	44.39	DST
177.29	316.67	139.38	LST
316.67	325.22	8.55	MST

SAMPLES	
Numbers:	M397569 to M397616, N831297 to N831303, N831306 to N831314, N831331 to N831349
Total:	83
Batch:	010, 013, C02, C03
Certificates:	WH13121187, WH13121802, WH13121805, WH13124470

COMMENTS
Hole shutdown after it pasted the target depth

OS -13-202

Nadaleen
Isis East Zone
Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.85	2.85	OVB	--	Casing No recovery							
						--	--	---	---	--	--	0
2.85	88.39	85.54	LST	MG	Thin to medium bedded limestone with dark beds of silty limestone							
						MD	GY	BD	OXI	2I	--	0
88.39	132.90	44.51	DMT	FG	O-DMT diamictite separated up and down hole from O-LST2 and O-DST by bedded silty to massive mudstone horizons							
						MD	GY	---	---	--	--	0
132.90	177.29	44.39	DST	FG	Dolostone transitions between crackle brecciated dolostone and bedded silty dolostone.							
								BD				
								MA			Re	0.5
						MD	GY	BX	ASO	1I	Py	0.5
177.29	316.67	139.38	LST	FG	Bedded limestone with interbeds of rudstone							
								RD				
						MD	GY	BD	ASO	1I	Re	0.5
316.67	325.22	8.55	MST	FG	Bedded green and maroon (red) mudstone.							
						MD	RD					
						MD	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.85	2.85	0	0	0.00	0	--	--	--	No Recovery.
2.85	3.05	0.20	0.15	75	0.00	0	4R	4H	2W	
3.05	4.57	1.52	0.49	32	0.00	0	4R	3H	4W	
4.57	6.10	1.53	0.71	46	0.11	7	4R	4H	2W	
6.10	7.62	1.52	1.11	73	0.11	7	4R	4H	1W	
7.62	9.14	1.52	1.42	93	0.22	14	4R	3H	2W	
9.14	10.67	1.53	1.22	80	0.59	39	4R	4H	1W	
10.67	12.19	1.52	0.87	57	0.33	22	4R	3H	2W	
12.19	13.72	1.53	1.28	84	0.46	30	4R	4H	2W	
13.72	15.24	1.52	1.36	89	0.82	54	4R	4H	2W	
15.24	16.76	1.52	1.19	78	0.40	26	4R	4H	3W	
16.76	18.29	1.53	1.46	95	0.00	0	4R	4H	2W	
18.29	19.81	1.52	1.05	69	0.10	7	4R	4H	3W	1S due to rubbly zone
19.81	21.34	1.53	1.02	67	0.51	33	4R	3H	2W	
21.34	22.86	1.52	1.52	100	1.02	67	4R	3H	2W	
22.86	24.38	1.52	1.16	76	0.48	32	4R	4H	2W	
24.38	25.91	1.53	1.37	90	0.46	30	4R	4H	1W	
25.91	27.43	1.52	0.72	47	0.00	0	4R	3H	2W	
27.43	28.96	1.53	1.38	90	0.89	58	4R	3H	3W	
28.96	30.48	1.52	1.52	100	0.30	20	4R	3H	2W	
30.48	32.00	1.52	1.51	99	0.31	20	4R	3H	2W	
32.00	33.53	1.53	1.48	97	0.68	44	4R	3H	2W	
33.53	35.05	1.52	1.34	88	0.51	34	4R	3H	2W	
35.05	36.58	1.53	1.35	88	0.58	38	4R	4H	2W	
36.58	38.10	1.52	1.45	95	0.73	48	3R	4H	2W	
38.10	39.62	1.52	1.26	83	0.66	43	4R	4H	2W	
39.62	41.15	1.53	1.19	78	0.66	43	1R	4H	2W	
41.15	42.06	0.91	0.69	76	0.26	29	4R	3H	1W	
42.06	43.59	1.53	1.49	97	0.83	54	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
43.59	44.81	1.22	1.22	100	0.78	64	1R	3H	2W	
44.81	45.72	0.91	0.8	88	0.65	71	4R	4H	2W	
45.72	47.24	1.52	1.34	88	0.85	56	4R	3H	2W	
47.24	48.77	1.53	1.42	93	0.34	22	4R	3H	2W	
48.77	50.29	1.52	1.44	95	1.15	76	4R	4H	1W	
50.29	51.82	1.53	1.48	97	0.63	41	4R	4H	1W	
51.82	53.34	1.52	1.44	95	0.79	52	4R	4H	1W	
53.34	54.86	1.52	1.52	100	0.90	59	4R	4H	1W	
54.86	56.39	1.53	1.42	93	0.99	65	4R	4H	1W	
56.39	57.91	1.52	1.51	99	1.37	90	4R	4H	1W	
57.91	59.44	1.53	1.44	94	1.08	71	4R	4H	1W	
59.44	60.96	1.52	1.52	100	1.02	67	4R	3H	1W	
60.96	62.48	1.52	1.41	93	0.90	59	4R	3H	1W	
62.48	64.01	1.53	1.43	93	0.67	44	4R	4H	1W	
64.01	65.53	1.52	1.46	96	0.97	64	3R	3H	1W	
65.53	67.06	1.53	1.49	97	1.08	71	4R	3H	1W	
67.06	68.58	1.52	1.51	99	0.99	65	3R	4H	1W	
68.58	70.10	1.52	1.52	100	0.95	63	0R	4H	1W	
70.10	71.63	1.53	1.38	90	0.81	53	4R	3H	1W	
71.63	73.15	1.52	1.52	100	0.89	59	0R	3H	1W	
73.15	74.68	1.53	1.35	88	1.03	67	4R	4H	1W	
74.68	76.20	1.52	1.52	100	0.89	59	3R	3H	1W	
76.20	77.72	1.52	1.48	97	1.33	88	4R	3H	1W	
77.72	79.25	1.53	1.53	100	1.38	90	4R	4H	1W	
79.25	80.77	1.52	1.46	96	1.20	79	4R	4H	1W	
80.77	82.30	1.53	1.35	88	0.90	59	4R	4H	1W	
82.30	83.82	1.52	1.52	100	1.18	78	4R	3H	1W	
83.82	85.34	1.52	1.49	98	0.85	56	4R	3H	1W	
85.34	86.87	1.53	1.43	93	0.39	25	4R	3H	1W	
86.87	88.39	1.52	1.11	73	0.15	10	4R	3H	1W	
88.39	89.92	1.53	1.53	100	0.77	50	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.92	91.44	1.52	1.52	100	1.50	99	1R	3H	1W	
91.44	92.96	1.52	1.38	91	0.98	64	2R	3H	1W	
92.96	94.49	1.53	1.53	100	1.48	97	0R	3H	1W	
94.49	96.01	1.52	1.49	98	1.35	89	1R	3H	1W	
96.01	97.54	1.53	1.53	100	1.53	100	1R	3H	1W	
97.54	99.06	1.52	1.49	98	1.49	98	3R	3H	1W	
99.06	100.58	1.52	1.5	99	1.50	99	0R	3H	1W	
100.58	102.11	1.53	1.53	100	1.40	92	0R	3H	1W	
102.11	103.63	1.52	1.45	95	1.43	94	0R	3H	1W	
103.63	105.16	1.53	1.53	100	1.50	98	0R	3H	1W	
105.16	106.68	1.52	1.52	100	1.52	100	0R	3H	1W	
106.68	108.20	1.52	1.52	100	1.47	97	0R	3H	1W	
108.20	109.73	1.53	1.53	100	1.53	100	0R	3H	1W	
109.73	111.25	1.52	1.37	90	1.29	85	0R	3H	1W	
111.25	112.78	1.53	1.5	98	1.44	94	1R	3H	1W	
112.78	114.30	1.52	1.52	100	1.52	100	1R	3H	1W	
114.30	115.82	1.52	1.52	100	1.47	97	2R	4H	1W	
115.82	117.35	1.53	1.48	97	1.32	86	4R	3H	1W	
117.35	118.87	1.52	1.52	100	1.39	91	4R	3H	1W	
118.87	120.40	1.53	1.5	98	1.34	88	4R	3H	1W	
120.40	121.92	1.52	1.52	100	1.35	89	4R	4H	1W	
121.92	123.44	1.52	1.43	94	1.12	74	4R	3H	1W	
123.44	124.97	1.53	1.53	100	1.31	86	2R	4H	1W	
124.97	126.49	1.52	1.43	94	1.31	86	3R	3H	1W	
126.49	128.02	1.53	1.52	99	0.92	60	2R	3H	1W	
128.02	129.54	1.52	1.44	95	1.44	95	2R	3H	1W	
129.54	131.06	1.52	1.52	100	1.34	88	0R	3H	1W	
131.06	132.59	1.53	1.44	94	1.11	73	0R	3H	1W	
132.59	134.11	1.52	1.38	91	0.94	62	1R	4H	1W	
134.11	135.64	1.53	1.4	92	0.86	56	1R	4H	1W	
135.64	137.16	1.52	1.43	94	1.09	72	2R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
137.16	138.68	1.52	1.49	98	1.07	70	2R	4H	1W	
138.68	140.21	1.53	1.51	99	0.98	64	1R	4H	1W	
140.21	141.73	1.52	1.41	93	1.41	93	2R	4H	1W	
141.73	143.26	1.53	1.53	100	1.53	100	2R	4H	1W	
143.26	144.78	1.52	1.5	99	1.26	83	2R	4H	1W	
144.78	146.30	1.52	1.46	96	1.15	76	2R	4H	2W	
146.30	147.83	1.53	1.48	97	1.45	95	2R	4H	1W	
147.83	149.35	1.52	1.52	100	1.15	76	3R	4H	1W	
149.35	150.88	1.53	1.47	96	1.43	93	2R	4H	1W	
150.88	152.40	1.52	1.52	100	1.47	97	2R	4H	1W	
152.40	153.92	1.52	1.52	100	1.27	84	2R	4H	1W	
153.92	155.45	1.53	1.53	100	1.47	96	2R	4H	1W	
155.45	156.97	1.52	1.35	89	0.92	61	2R	4H	1W	
156.97	158.50	1.53	1.53	100	1.24	81	3R	4H	1W	
158.50	158.80	0.30	0.3	100	0.30	100	3R	4H	1W	Reduced to NQ after interval
158.80	160.63	1.83	1.83	100	1.59	87	2R	4H	1W	
160.63	163.68	3.05	3.01	99	1.89	62	1R	4H	1W	
163.68	166.73	3.05	2.96	97	2.50	82	1R	4H	1W	
166.73	169.77	3.04	3	99	2.96	97	1R	4H	1W	
169.77	172.82	3.05	3.05	100	2.61	86	2R	4H	1W	
172.82	175.87	3.05	2.93	96	2.64	87	2R	4H	1W	
175.87	178.92	3.05	3.05	100	3.05	100	4R	4H	1W	
178.92	181.97	3.05	2.9	95	2.26	74	4R	3H	1W	
181.97	185.01	3.04	2.96	97	2.31	76	4R	3H	1W	
185.01	188.06	3.05	2.75	90	1.07	35	4R	3H	1W	
188.06	191.11	3.05	2.68	88	0.97	32	4R	3H	1W	
191.11	194.16	3.05	2.97	97	1.47	48	4R	3H	1W	
194.16	197.21	3.05	2.96	97	1.81	59	4R	4H	1W	
197.21	200.25	3.04	2.97	98	2.20	72	4R	4H	1W	
200.25	203.30	3.05	3.05	100	2.17	71	4R	4H	1W	
203.30	206.35	3.05	2.93	96	1.56	51	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
206.35	209.40	3.05	2.96	97	0.95	31	4R	3H	1W	
209.40	212.45	3.05	2.75	90	1.49	49	4R	4H	1W	
212.45	215.49	3.04	2.79	92	0.97	32	4R	4H	1W	
215.49	218.54	3.05	2.99	98	1.60	52	4R	4H	1W	
218.54	221.59	3.05	2.64	87	1.77	58	4R	4H	2W	
221.59	224.64	3.05	2.78	91	2.14	70	4R	4H	1W	
224.64	227.69	3.05	2.85	93	1.50	49	4R	4H	1W	
227.69	230.73	3.04	2.34	77	0.95	31	4R	3H	1W	
230.73	233.78	3.05	2.59	85	0.82	27	4R	4H	1W	
233.78	236.83	3.05	2.23	73	0.00	0	4R	4H	1W	
236.83	239.88	3.05	2.94	96	2.38	78	2R	3H	1W	
239.88	242.93	3.05	2.67	88	2.07	68	2R	3H	1W	
242.93	245.97	3.04	2.75	90	0.93	31	4R	3H	1W	
245.97	249.02	3.05	3.05	100	1.80	59	4R	3H	1W	
249.02	252.07	3.05	3.05	100	2.29	75	4R	3H	1W	
252.07	255.12	3.05	2.85	93	1.90	62	3R	3H	1W	
255.12	258.17	3.05	2.86	94	1.08	35	3R	3H	1W	
258.17	261.21	3.04	3.04	100	3.00	99	4R	3H	1W	
261.21	264.26	3.05	2.79	91	2.15	70	4R	3H	1W	
264.26	267.31	3.05	2.73	90	2.42	79	1R	3H	1W	
267.31	270.36	3.05	2.96	97	2.48	81	3R	3H	1W	
270.36	273.41	3.05	2.84	93	1.43	47	4R	3H	1W	
273.41	276.45	3.04	2.51	83	2.06	68	4R	3H	1W	
276.45	279.50	3.05	2.73	90	1.28	42	4R	3H	1W	
279.50	282.55	3.05	2.51	82	1.47	48	4R	4H	1W	
282.55	285.60	3.05	2.72	89	1.44	47	4R	3H	1W	
285.60	288.65	3.05	2.91	95	1.73	57	3R	3H	1W	
288.65	291.69	3.04	2.87	94	1.82	60	4R	4H	1W	
291.69	294.74	3.05	2.81	92	0.99	32	4R	4H	1W	
294.74	297.79	3.05	2.57	84	1.15	38	4R	4H	1W	
297.79	300.84	3.05	2.86	94	1.56	51	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
300.84	303.89	3.05	2.79	91	1.48	49	4R	4H	1W	
303.89	306.93	3.04	2.77	91	1.37	45	4R	3H	1W	
306.93	309.98	3.05	3	98	2.40	79	1R	3H	1W	
309.98	313.03	3.05	2.97	97	2.69	88	1R	3H	1W	
313.03	316.08	3.05	2.5	82	1.44	47	1R	3H	1W	
316.08	319.13	3.05	2.86	94	1.99	65	1R	3H	1W	
319.13	322.17	3.04	3.04	100	2.53	83	0R	3H	1W	
322.17	325.22	3.05	2.64	87	2.04	67	0R	3H	1W	EOH

Sample Log

OS -13-202

Nadaleen
Isis East Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M397585	13-013		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397599	13-013			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397606	13-013		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397615	13-013			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397576	13-010			☑	☐	☐
2.85	4.57	1.72	LST, OVB	0.70	41	M397569	13-010			☐	☐	☐
4.57	7.62	3.05	LST	1.82	60	M397570	13-010			☐	☐	☐
7.62	10.67	3.05	LST	2.15	70	M397571	13-010			☐	☐	☐
10.67	13.72	3.05	LST	2.15	70	M397572	13-010			☐	☐	☐
10.67	13.72	3.05	LST	2.15	70	M397573	13-010			☐	☐	☑
13.72	16.76	3.04	LST	2.54	84	M397574	13-010			☐	☐	☐
16.76	19.81	3.05	LST	2.51	82	M397575	13-010			☐	☐	☐
19.81	22.86	3.05	LST	2.54	83	M397577	13-010			☐	☐	☐
22.86	25.91	3.05	LST	2.53	83	M397578	13-010			☐	☐	☐
25.91	28.96	3.05	LST	2.10	69	M397579	13-010			☐	☐	☐
28.96	32.00	3.04	LST	3.03	100	M397580	13-010			☐	☐	☐
32.00	38.10	6.10	LST	5.62	92	N831297	13-C02	Chip		☐	☐	☐
38.10	44.20	6.10	LST	5.85	96	N831298	13-C02	Chip		☐	☐	☐
44.20	50.29	6.09	LST	5.00	82	N831299	13-C02	Chip		☐	☐	☐
50.29	56.39	6.10	LST	5.86	96	N831300	13-C02	Chip		☐	☐	☐
56.39	62.48	6.09	LST	5.88	97	N831301	13-C02	Chip		☐	☐	☐
62.48	68.58	6.10	LST	5.89	97	N831302	13-C02	Chip		☐	☐	☐
68.58	74.68	6.10	LST	5.77	95	N831303	13-C03	Chip		☐	☐	☐
74.68	80.77	6.09	LST	5.99	98	N831306	13-C03	Chip		☐	☐	☐
80.77	86.87	6.10	LST	5.79	95	N831307	13-C03	Chip		☐	☐	☐
86.87	88.39	1.52	LST	1.11	73	N831308	13-C03	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
88.39	94.49	6.10	LST, DMT	5.96	98	N831309	13-C03	Chip		☐	☐	☐
94.49	100.58	6.09	DMT	6.01	99	N831310	13-C03	Chip		☐	☐	☐
100.58	106.68	6.10	DMT	6.03	99	N831311	13-C03	Chip		☐	☐	☐
106.68	112.78	6.10	DMT	5.92	97	N831312	13-C03	Chip		☐	☐	☐
112.78	118.87	6.09	DMT	6.04	99	N831313	13-C03	Chip		☐	☐	☐
118.87	124.97	6.10	DMT	5.98	98	N831314	13-C03	Chip		☐	☐	☐
124.97	128.02	3.05	DMT	2.95	97	M397581	13-013			☐	☐	☐
128.02	131.06	3.04	DMT	2.96	97	M397582	13-013			☐	☐	☐
131.06	132.89	1.83	DMT	1.45	79	M397583	13-013			☐	☐	☐
132.89	135.64	2.75	DMT	2.53	92	M397584	13-013			☐	☐	☐
135.64	138.68	3.04	DST	2.92	96	M397586	13-013			☐	☐	☐
138.68	141.73	3.05	DST	2.92	96	M397587	13-013			☐	☐	☐
141.73	144.78	3.05	DST	3.03	99	M397588	13-013			☐	☐	☐
144.78	147.83	3.05	DST	2.94	96	M397589	13-013			☐	☐	☐
147.83	150.88	3.05	DST	2.99	98	M397590	13-013			☐	☐	☐
150.88	153.92	3.04	DST	3.04	100	M397591	13-013			☐	☐	☐
153.92	156.97	3.05	DST	2.88	94	M397592	13-013			☐	☐	☐
153.92	156.97	3.05	DST	2.88	94	M397593	13-013			☐	☑	☐
156.97	160.63	3.66	DST	3.66	100	N831331	13-C03	Chip		☐	☐	☐
160.63	166.73	6.10	DST	5.97	98	N831332	13-C03	Chip		☐	☐	☐
166.73	172.82	6.09	DST	6.05	99	N831333	13-C03	Chip		☐	☐	☐
172.82	177.29	4.47	DST	4.47	100	N831334	13-C03	Chip		☐	☐	☐
177.29	181.97	4.68	LST, DST	4.68	100	N831335	13-C03	Chip		☐	☐	☐
181.97	188.06	6.09	LST	5.71	94	N831336	13-C03	Chip		☐	☐	☐
188.06	194.16	6.10	LST	5.65	93	N831337	13-C03	Chip		☐	☐	☐
194.16	200.25	6.09	LST	5.93	97	N831338	13-C03	Chip		☐	☐	☐
200.25	206.35	6.10	LST	5.98	98	N831339	13-C03	Chip		☐	☐	☐
206.35	212.45	6.10	LST	5.71	94	N831340	13-C03	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
212.45	215.49	3.04	LST	2.79	92	M397594	13-013			☐	☐	☐
215.49	218.54	3.05	LST	2.99	98	M397595	13-013			☐	☐	☐
218.54	221.59	3.05	LST	2.64	87	M397596	13-013			☐	☐	☐
221.59	224.64	3.05	LST	2.78	91	M397597	13-013			☐	☐	☐
224.64	227.69	3.05	LST	2.85	93	M397598	13-013			☐	☐	☐
227.69	230.73	3.04	LST	2.34	77	M397600	13-013			☐	☐	☐
230.73	233.78	3.05	LST	2.59	85	M397601	13-013			☐	☐	☐
233.78	239.88	6.10	LST	5.17	85	N831341	13-C03	Chip		☐	☐	☐
239.88	245.97	6.09	LST	5.42	89	N831342	13-C03	Chip		☐	☐	☐
245.97	252.07	6.10	LST	6.10	100	N831343	13-C03	Chip		☐	☐	☐
252.07	258.17	6.10	LST	5.71	94	N831344	13-C03	Chip		☐	☐	☐
258.17	264.26	6.09	LST	5.83	96	N831345	13-C03	Chip		☐	☐	☐
264.26	270.36	6.10	LST	5.69	93	N831346	13-C03	Chip		☐	☐	☐
270.36	276.45	6.09	LST	5.35	88	N831347	13-C03	Chip		☐	☐	☐
276.45	282.55	6.10	LST	5.24	86	N831348	13-C03	Chip		☐	☐	☐
282.55	285.60	3.05	LST	2.51	82	M397602	13-013			☐	☐	☐
285.60	288.65	3.05	LST	2.72	89	M397603	13-013			☐	☐	☐
288.65	291.69	3.04	LST	2.91	96	M397604	13-013			☐	☐	☐
291.69	294.74	3.05	LST	2.81	92	M397605	13-013			☐	☐	☐
294.74	297.79	3.05	LST	2.57	84	M397607	13-013			☐	☐	☐
297.79	300.84	3.05	LST	2.86	94	M397608	13-013			☐	☐	☐
300.84	303.89	3.05	LST	2.79	91	M397609	13-013			☐	☐	☐
300.84	303.89	3.05	LST	2.79	91	M397610	13-013			☐	☐	☑
303.89	306.93	3.04	LST	2.77	91	M397611	13-013			☐	☐	☐
306.93	309.98	3.05	LST	3.00	98	M397612	13-013			☐	☐	☐
309.98	313.03	3.05	LST	2.97	97	M397613	13-013			☐	☐	☐
313.03	316.08	3.05	LST	2.50	82	M397614	13-013			☐	☐	☐
316.08	319.13	3.05	LST	2.86	94	M397616	13-013			☐	☐	☐
319.13	325.22	6.09	MST	5.68	93	N831349	13-C03	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629699	7111982	1710.57	100.58

ZONE: Sunrise

SECTION: S700E

HOLE: OS -13-203

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 7.62m, Out

Drilling Dates: Jun 24 - Jun 26, 2013

Geology Logged By: N. Bueckert

SURVEY			
Depth (m)	Azimuth	Dip	Method
9.14	316.22	-49.9	Reflex
100.58	358.22	-51.9	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	OVB
1.52	63.53	62.01	LST
63.53	84.09	20.56	DMT
84.09	100.58	16.49	MST

SAMPLES	
Numbers:	M399699 to M399735, N831304 to N831305
Total:	39
Batch:	011, 012, C03
Certificates:	WH13121803, WH13121804, WH13124470

COMMENTS
Hole shutdown in O-MST1. No visible mineralization.

OS -13-203

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
1.52	63.53	62.01	LST	MG	Medium to thick bedded, grey speckle limestone, dark grey silty limestone, and beef limestone. Narrow zones of strained bedding are common.							
						DK	GY	BD	---	--	--	0
63.53	84.09	20.56	DMT	VC	Diamictite with very coarse grained to cobble limestone clasts. Clasts are subangular to subrounded light and dark grey limestone. Matrix is black limey mud and comprises from 25% to 75% of the debris flow.							
						MD	GY	DB	---	--	--	0
84.09	100.58	16.49	MST	FG	Mudstone - typical O-MST1. Weakly deformed throughout. Fault/shear zone at the top of the interval. Bedding is commonly offset by microfractures.							
						LT	RD					
						LT	GN	BD	---	--	--	0

OS -13-203

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	Overburden, NR
1.52	3.05	1.53	1.24	81	0.00	0	4R	4H	4W	
3.05	4.57	1.52	0.6	39	0.31	20	4R	4H	4W	
4.57	6.10	1.53	1.06	69	0.28	18	4R	4H	2W	
6.10	7.62	1.52	0.71	47	0.25	16	4R	4H	2W	
7.62	9.14	1.52	0.65	43	0.00	0	4R	3H	4W	
9.14	10.67	1.53	0.82	54	0.26	17	4R	3H	4W	zones of gouge
10.67	12.19	1.52	1.12	74	0.21	14	4R	2H	4W	
12.19	13.72	1.53	1.29	84	0.51	33	4R	3H	3W	
13.72	15.24	1.52	0.64	42	0.47	31	4R	3H	3W	
15.24	16.76	1.52	1.31	86	0.22	14	4R	3H	4W	
16.76	18.29	1.53	1.31	86	0.57	37	4R	3H	4W	zones of gouge
18.29	19.81	1.52	1.52	100	0.89	59	4R	4H	1W	
19.81	21.34	1.53	1.45	95	0.64	42	4R	4H	2W	
21.34	22.86	1.52	1.07	70	0.18	12	4R	3H	4W	
22.86	24.38	1.52	1.48	97	0.27	18	4R	3H	4W	
24.38	25.91	1.53	1.48	97	0.45	29	4R	3H	1W	
25.91	27.43	1.52	1.4	92	0.71	47	4R	3H	1W	
27.43	28.96	1.53	1.45	95	0.71	46	4R	4H	1W	
28.96	30.48	1.52	1.41	93	0.64	42	4R	4H	1W	
30.48	32.00	1.52	1.5	99	1.02	67	4R	4H	1W	
32.00	33.53	1.53	1.45	95	1.06	69	4R	4H	1W	
33.53	35.05	1.52	1.48	97	0.75	49	4R	4H	1W	
35.05	36.58	1.53	1.43	93	1.06	69	4R	4H	1W	
36.58	38.10	1.52	1.51	99	1.18	78	4R	4H	1W	
38.10	39.62	1.52	1.41	93	0.45	30	4R	4H	1W	
39.62	41.15	1.53	1.49	97	0.67	44	4R	3H	1W	
41.15	42.67	1.52	1.39	91	0.43	28	4R	4H	1W	
42.67	44.20	1.53	1.39	91	0.47	31	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.20	45.72	1.52	1.46	96	0.92	61	4R	4H	1W	
45.72	47.24	1.52	1.35	89	0.67	44	4R	3H	1W	
47.24	48.77	1.53	1.49	97	0.95	62	4R	4H	1W	
48.77	50.29	1.52	1.35	89	0.59	39	4R	4H	1W	
50.29	51.82	1.53	1.53	100	0.84	55	4R	4H	1W	
51.82	53.34	1.52	1.5	99	1.31	86	4R	4H	1W	
53.34	54.86	1.52	1.52	100	0.97	64	4R	4H	1W	
54.86	56.39	1.53	0.74	48	0.00	0	4R	4H	1W	Dropped box - no RQD
56.39	57.91	1.52	1.52	100	0.00	0	4R	4H	1W	Dropped box-no RQD
57.91	59.44	1.53	1	65	0.00	0	4R	4H	1W	Dropped box - no RQD
59.44	60.96	1.52	1.47	97	0.95	63	4R	4H	1W	
60.96	62.48	1.52	1.43	94	1.21	80	4R	4H	1W	
62.48	64.01	1.53	1.53	100	1.03	67	4R	4H	1W	
64.01	65.53	1.52	1.5	99	0.97	64	4R	4H	1W	
65.53	67.06	1.53	1.4	92	0.92	60	4R	4H	1W	
67.06	68.58	1.52	1.48	97	1.35	89	4R	4H	1W	
68.58	70.10	1.52	1.52	100	1.52	100	4R	4H	1W	
70.10	71.63	1.53	1.46	95	1.46	95	4R	4H	1W	
71.63	73.15	1.52	1.46	96	1.42	93	4R	4H	1W	
73.15	74.68	1.53	1.5	98	1.50	98	4R	4H	1W	
74.68	76.20	1.52	1.52	100	1.46	96	4R	4H	1W	
76.20	77.72	1.52	1.42	93	1.29	85	4R	4H	1W	
77.72	79.25	1.53	1.46	95	1.34	88	4R	4H	1W	
79.25	80.77	1.52	1.52	100	1.51	99	4R	4H	1W	
80.77	82.30	1.53	1.39	91	1.24	81	4R	4H	1W	
82.30	83.82	1.52	1.52	100	1.40	92	4R	4H	1W	
83.82	85.34	1.52	1.39	91	1.24	82	2R	3H	1W	
85.34	86.87	1.53	1.53	100	1.22	80	0R	3H	1W	
86.87	88.39	1.52	1.42	93	1.23	81	0R	3H	1W	
88.39	89.92	1.53	1.53	100	1.53	100	0R	3H	1W	
89.92	91.44	1.52	1.52	100	1.22	80	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
91.44	92.96	1.52	1.49	98	1.44	95	0R	3H	1W	
92.96	94.49	1.53	1.53	100	1.53	100	0R	3H	1W	
94.49	96.01	1.52	1.52	100	1.41	93	0R	3H	1W	
96.01	97.54	1.53	1.53	100	1.39	91	0R	3H	1W	
97.54	99.06	1.52	1.46	96	1.20	79	0R	3H	1W	
99.06	100.58	1.52	1.49	98	1.00	66	0R	3H	1W	

OS -13-203

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M399708	13-011		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399721	13-012			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399726	13-012		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399701	13-011		CS1	☐	☐	☐
1.52	4.57	3.05	OVB, LST	1.84	60	M399699	13-011			☐	☐	☐
4.57	7.62	3.05	LST	1.71	56	M399700	13-011			☐	☐	☐
7.62	10.67	3.05	LST	1.47	48	M399702	13-011			☐	☐	☐
10.67	13.72	3.05	LST	2.41	79	M399703	13-011			☐	☐	☐
10.67	13.72	3.05	LST	2.41	79	M399704	13-011			☐	☐	☑
13.72	16.76	3.04	LST	1.95	64	M399705	13-011			☐	☐	☐
16.76	19.81	3.05	LST	2.83	93	M399706	13-011			☐	☐	☐
19.81	22.86	3.05	LST	2.52	83	M399707	13-011			☐	☐	☐
22.86	25.91	3.05	LST	2.96	97	M399709	13-011			☐	☐	☐
25.91	28.96	3.05	LST	2.85	93	M399710	13-011			☐	☐	☐
28.96	32.00	3.04	LST	2.91	96	M399711	13-011			☐	☐	☐
32.00	35.05	3.05	LST	2.93	96	M399712	13-011			☐	☐	☐
35.05	38.10	3.05	LST	2.91	95	M399713	13-011			☐	☐	☐
35.05	38.10	3.05	LST	2.91	95	M399714	13-011			☐	☑	☐
38.10	41.15	3.05	LST	2.90	95	M399715	13-011			☐	☐	☐
41.15	44.20	3.05	LST	2.78	91	M399716	13-011			☐	☐	☐
44.20	47.24	3.04	LST	2.81	92	M399717	13-012			☐	☐	☐
47.24	50.29	3.05	LST	2.84	93	M399718	13-012			☐	☐	☐
50.29	53.34	3.05	LST	3.03	99	M399719	13-012			☐	☐	☐
53.34	55.23	1.89	LST	1.89	100	M399720	13-012			☐	☐	☐
55.23	58.87	3.64	LST	2.89	79	M399722	13-012			☐	☐	☐
58.87	60.96	2.09	LST	2.07	99	M399723	13-012			☐	☐	☐
60.96	64.01	3.05	LST	2.96	97	M399724	13-012			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
64.01	67.06	3.05	DMT	2.90	95	M399725	13-012			☐	☐	☐
67.06	70.10	3.04	DMT	3.00	99	M399727	13-012			☐	☐	☐
70.10	73.15	3.05	DMT	2.92	96	M399728	13-012			☐	☐	☐
73.15	76.20	3.05	DMT	3.02	99	M399729	13-012			☐	☐	☐
76.20	79.25	3.05	DMT	2.88	94	M399730	13-012			☐	☐	☐
79.25	82.30	3.05	DMT	2.91	95	M399731	13-012			☐	☐	☐
82.30	83.82	1.52	DMT	1.52	100	M399732	13-012			☐	☐	☐
82.30	83.82	1.52	DMT	1.52	100	M399733	13-012			☐	☑	☐
83.82	86.32	2.50	DMT	2.46	98	M399734	13-012			☐	☐	☐
86.32	89.32	3.00	MST	2.96	99	M399735	13-012			☐	☐	☐
89.32	94.49	5.17	MST	5.17	100	N831304	13-C03	Chip		☐	☐	☐
94.49	100.58	6.09	MST	6.09	100	N831305	13-C03	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629606	7111874	1780.85	256.03

ZONE: Sunrise

SECTION: S600E

HOLE: OS -13-204

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 7.62m, Out

Drilling Dates: Jun 26 - Sep 30, 2013

Geology Logged By: N. Bueckert

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	359.72	-59.6	Reflex
256.03	358.32	-61.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.39	1.39	OVB
1.39	36	34.61	MST
36	140.78	104.78	MST
140.78	217.69	76.91	LST
217.69	256.03	38.34	MST

SAMPLES	
Numbers:	M399736 to M399761, N831315 to N831330, N831350 to N831365
Total:	58
Batch:	012, 014, 017, C03
Certificates:	WH13121804, WH13124470, WH13124472, WH13124474

COMMENTS
Hole shutdown in O-MST1.

General Geology

OS -13-204

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.39	1.39	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
1.39	36.00	34.61	MST	FG	Typical O-MST1 mudstone. Thin to medium bedded, bleached green and maroon mudstone. Bedding is moderately deformed with several fold zones and gougey rubble zone.							
						MD	RD	SN				
						LT	GN	BD	---	--	--	0
36.00	140.78	104.78	MST	FG	Green and maroon mudstone transition into well bedded black and olive mudstone with orange fracture surfaces. Minor shear zones at the top of the interval. Fold hinges and deformed bedding present.							
						DK	GY	SN				
						LT	GN	BD	OXI	1I	--	0
140.78	217.69	76.91	LST	MG	Bedded limestone. Medium to thick bedded, white-grey speckle limestone and dark grey silty limestone with white quartz-rich interbeds. Narrow diamictite and silty mudstone interbeds.							
						DK	GY	BD	---	--	--	0
217.69	256.03	38.34	MST	FG	Maroon and Green mudstone							
						MD	RD					
						LT	GN	BD	---	--	Py	2

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.39	1.39	0	0	0.00	0	--	--	--	Overburden, NR
1.39	1.52	0.13	0.11	85	0.00	0	2R	3H	1W	rubble
1.52	3.05	1.53	1.06	69	0.00	0	2R	3H	1W	rubble
3.05	4.57	1.52	1	66	0.00	0	2R	3H	1W	rubble
4.57	6.10	1.53	0.42	27	0.00	0	2R	3H	1W	rubble
6.10	7.62	1.52	0.97	64	0.00	0	2R	3H	1W	rubble
7.62	9.14	1.52	1.19	78	0.29	19	2R	3H	1W	rubble
9.14	10.67	1.53	1.35	88	0.81	53	2R	3H	1W	
10.67	12.19	1.52	1.3	86	0.87	57	2R	3H	1W	
12.19	13.72	1.53	1.4	92	0.64	42	2R	3H	3W	
13.72	15.24	1.52	1.34	88	0.18	12	2R	3H	3W	gouge/rubble
15.24	16.76	1.52	1.4	92	0.50	33	2R	3H	1W	
16.76	18.29	1.53	1.33	87	0.74	48	2R	3H	1W	
18.29	19.81	1.52	1.44	95	1.02	67	2R	3H	1W	
19.81	21.34	1.53	1.19	78	0.31	20	2R	3H	1W	
21.34	22.86	1.52	1.19	78	0.81	53	2R	3H	1W	
22.86	24.38	1.52	1.39	91	0.44	29	2R	3H	3W	
24.38	25.91	1.53	1.36	89	0.29	19	0R	3H	1W	
25.91	27.43	1.52	1.45	95	0.47	31	0R	3H	1W	
27.43	28.96	1.53	1.38	90	0.56	37	2R	3H	1W	
28.96	30.48	1.52	1.52	100	0.98	64	2R	3H	1W	
30.48	32.00	1.52	1.29	85	1.19	78	2R	3H	1W	
32.00	33.53	1.53	1.53	100	0.83	54	0R	3H	1W	
33.53	35.05	1.52	1.09	72	0.20	13	0R	3H	1W	
35.05	36.58	1.53	1.27	83	0.36	24	0R	3H	1W	
36.58	38.10	1.52	1.34	88	0.79	52	0R	3H	1W	
38.10	39.62	1.52	1.52	100	1.16	76	0R	3H	1W	
39.62	41.15	1.53	1.3	85	0.60	39	0R	3H	1W	
41.15	42.67	1.52	1.36	89	0.63	41	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
42.67	44.20	1.53	1.34	88	0.37	24	0R	3H	1W	
44.20	45.72	1.52	1.44	95	0.72	47	0R	3H	1W	
45.72	47.24	1.52	1.19	78	0.26	17	0R	3H	1W	
47.24	48.77	1.53	1.46	95	0.23	15	0R	3H	1W	
48.77	50.29	1.52	1.44	95	0.86	57	0R	3H	1W	
50.29	51.82	1.53	1.37	90	0.75	49	0R	3H	1W	
51.82	53.34	1.52	1.44	95	0.98	64	0R	3H	1W	
53.34	54.86	1.52	1.5	99	0.94	62	0R	3H	1W	
54.86	56.39	1.53	1.39	91	0.51	33	0R	3H	1W	
56.39	57.91	1.52	1.25	82	1.02	67	0R	3H	1W	
57.91	59.44	1.53	1.53	100	0.95	62	0R	3H	1W	
59.44	60.96	1.52	1.42	93	1.08	71	0R	3H	1W	
60.96	62.48	1.52	1.27	84	0.69	45	0R	3H	1W	
62.48	64.01	1.53	1.24	81	1.02	67	0R	3H	1W	
64.01	65.53	1.52	1.44	95	1.15	76	0R	3H	1W	
65.53	67.06	1.53	1.44	94	0.87	57	0R	3H	1W	
67.06	68.58	1.52	0.96	63	0.44	29	0R	3H	1W	
68.58	70.10	1.52	1.41	93	1.10	72	0R	3H	1W	
70.10	71.63	1.53	1.32	86	1.00	65	0R	3H	1W	
71.63	73.15	1.52	1.5	99	1.03	68	0R	3H	1W	
73.15	74.68	1.53	1.36	89	1.06	69	0R	3H	1W	
74.68	76.20	1.52	1.4	92	0.55	36	0R	3H	2W	
76.20	77.72	1.52	1.2	79	0.61	40	0R	3H	1W	
77.72	79.25	1.53	1.27	83	0.35	23	0R	3H	1W	
79.25	80.77	1.52	1.36	89	1.20	79	0R	3H	1W	
80.77	82.30	1.53	1.02	67	0.25	16	0R	3H	1W	
82.30	83.82	1.52	1.42	93	1.02	67	0R	3H	2W	
83.82	85.34	1.52	1.42	93	0.81	53	0R	3H	1W	
85.34	86.87	1.53	1.44	94	1.05	69	0R	3H	1W	
86.87	88.39	1.52	1.39	91	1.00	66	0R	3H	1W	
88.39	89.92	1.53	1.34	88	0.57	37	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.92	91.44	1.52	1.41	93	0.84	55	0R	3H	1W	
91.44	92.96	1.52	1.5	99	1.30	86	0R	3H	1W	
92.96	94.49	1.53	1.51	99	1.12	73	0R	3H	2W	
94.49	96.01	1.52	1.14	75	0.73	48	0R	3H	2W	
96.01	97.54	1.53	1.4	92	1.15	75	0R	3H	1W	
97.54	99.06	1.52	0.95	63	0.35	23	0R	3H	2W	
99.06	100.58	1.52	1.31	86	0.93	61	0R	3H	1W	
100.58	102.11	1.53	1.14	75	0.26	17	0R	3H	1W	
102.11	103.63	1.52	1.52	100	0.67	44	0R	3H	2W	
103.63	105.16	1.53	1.22	80	0.68	44	0R	3H	1W	
105.16	106.68	1.52	1.34	88	1.00	66	0R	3H	1W	
106.68	108.20	1.52	1.34	88	0.50	33	0R	3H	2W	
108.20	109.73	1.53	1.43	93	0.85	56	0R	3H	1W	
109.73	111.25	1.52	1.25	82	0.82	54	0R	3H	1W	
111.25	112.78	1.53	1.38	90	1.03	67	0R	3H	2W	
112.78	114.30	1.52	1.5	99	1.24	82	0R	3H	1W	
114.30	115.82	1.52	1.39	91	0.90	59	0R	3H	1W	
115.82	117.35	1.53	1.52	99	1.23	80	0R	3H	1W	
117.35	118.87	1.52	1.46	96	0.69	45	0R	3H	1W	
118.87	120.40	1.53	1.53	100	0.99	65	0R	3H	1W	
120.40	121.92	1.52	1.43	94	1.14	75	0R	3H	2W	
121.92	123.44	1.52	1.52	100	1.46	96	0R	3H	2W	
123.44	124.97	1.53	1	65	1.32	86	0R	3H	1W	
124.97	126.49	1.52	1.45	95	1.20	79	0R	3H	1W	
126.49	128.02	1.53	1.42	93	0.84	55	0R	3H	1W	
128.02	129.54	1.52	1.43	94	1.18	78	0R	3H	2W	
129.54	131.06	1.52	1.35	89	1.35	89	0R	3H	1W	
131.06	132.59	1.53	1.5	98	1.37	90	0R	3H	1W	
132.59	134.11	1.52	1.43	94	0.90	59	0R	3H	1W	
134.11	135.64	1.53	1.51	99	0.73	48	0R	3H	1W	
135.64	137.16	1.52	1.37	90	0.95	63	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
137.16	138.68	1.52	1.4	92	0.98	64	0R	3H	1W	
138.68	140.21	1.53	1.36	89	0.89	58	0R	3H	1W	
140.21	141.73	1.52	1.41	93	0.76	50	4R	3H	1W	
141.73	143.26	1.53	1.34	88	0.52	34	4R	3H	1W	
143.26	144.78	1.52	1.36	89	0.97	64	4R	3H	1W	
144.78	146.30	1.52	1.37	90	0.70	46	4R	3H	1W	
146.30	147.83	1.53	1.42	93	1.18	77	4R	3H	1W	
147.83	149.35	1.52	1.48	97	1.25	82	0R	4H	1W	
149.35	150.88	1.53	1.2	78	0.78	51	3R	3H	1W	
150.88	152.40	1.52	1.49	98	1.23	81	4R	3H	1W	
152.40	153.92	1.52	1.49	98	1.26	83	4R	3H	1W	
153.92	155.45	1.53	1.4	92	0.99	65	4R	4H	1W	
155.45	156.97	1.52	1.52	100	1.13	74	2R	3H	1W	
156.97	158.50	1.53	1.43	93	1.17	76	2R	3H	1W	
158.50	160.02	1.52	1.46	96	0.95	63	4R	4H	1W	
160.02	161.54	1.52	1.36	89	0.98	64	4R	4H	1W	
161.54	163.07	1.53	1.45	95	0.94	61	4R	4H	1W	
163.07	164.59	1.52	1.52	100	1.08	71	4R	4H	1W	
164.59	166.12	1.53	1.53	100	1.20	78	4R	4H	1W	
166.12	167.64	1.52	1.52	100	1.37	90	4R	4H	1W	
167.64	169.16	1.52	1.52	100	1.12	74	4R	4H	1W	
169.16	170.69	1.53	1.51	99	0.53	35	4R	3H	1W	
170.69	172.21	1.52	1.35	89	0.99	65	4R	3H	1W	
172.21	173.74	1.53	1.45	95	0.81	53	4R	3H	1W	
173.74	175.26	1.52	1.38	91	0.69	45	4R	3H	1W	
175.26	176.78	1.52	1.4	92	1.07	70	4R	3H	1W	
176.78	178.31	1.53	1.45	95	0.81	53	4R	3H	1W	
178.31	179.83	1.52	1.47	97	0.62	41	4R	4H	1W	
179.83	181.36	1.53	1.53	100	1.10	72	4R	4H	1W	
181.36	182.88	1.52	1.49	98	0.73	48	4R	4H	1W	
182.88	184.40	1.52	1.52	100	0.88	58	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
184.40	185.93	1.53	1.39	91	0.80	52	3R	4H	1W	
185.93	187.45	1.52	1.42	93	0.70	46	4R	4H	1W	
187.45	188.98	1.53	1.38	90	0.98	64	4R	4H	1W	
188.98	190.50	1.52	1.32	87	0.59	39	4R	3H	1W	
190.50	192.02	1.52	1.46	96	0.43	28	4R	4H	1W	
192.02	193.55	1.53	1.38	90	0.63	41	4R	4H	1W	
193.55	195.07	1.52	1.41	93	1.21	80	4R	4H	1W	
195.07	196.60	1.53	1.42	93	0.59	39	4R	4H	1W	
196.60	198.12	1.52	1.48	97	0.88	58	4R	4H	1W	
198.12	199.64	1.52	1.52	100	0.58	38	4R	4H	1W	
199.64	201.17	1.53	1.45	95	1.13	74	4R	4H	1W	
201.17	202.69	1.52	1.5	99	0.49	32	4R	4H	1W	
202.69	204.22	1.53	1.38	90	1.05	69	4R	4H	1W	
204.22	205.74	1.52	1.52	100	0.58	38	4R	4H	1W	
205.74	207.26	1.52	1.26	83	0.59	39	4R	4H	1W	
207.26	208.79	1.53	1.53	100	1.28	84	4R	4H	1W	
208.79	210.31	1.52	1.44	95	1.01	66	4R	4H	1W	
210.31	211.84	1.53	1.52	99	1.18	77	4R	4H	1W	
211.84	213.36	1.52	1.31	86	1.09	72	4R	4H	1W	
213.36	214.88	1.52	1.52	100	1.20	79	4R	4H	1W	
214.88	216.41	1.53	1.44	94	1.01	66	4R	3H	1W	
216.41	217.93	1.52	1.52	100	0.86	57	2R	3H	2W	
217.93	219.46	1.53	1.32	86	1.29	84	0R	3H	2W	
219.46	220.98	1.52	1.52	100	1.47	97	0R	3H	2W	
220.98	222.50	1.52	1.39	91	1.30	86	0R	3H	2W	
222.50	224.03	1.53	1.53	100	1.38	90	0R	3H	1W	
224.03	225.55	1.52	1.43	94	1.11	73	0R	3H	1W	
225.55	227.08	1.53	1.53	100	1.53	100	0R	3H	1W	
227.08	228.60	1.52	1.52	100	1.44	95	0R	3H	1W	
228.60	230.12	1.52	1.51	99	1.42	93	0R	3H	1W	
230.12	231.65	1.53	1.53	100	1.37	90	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
231.65	233.17	1.52	1.52	100	1.38	91	0R	3H	1W	
233.17	234.70	1.53	1.46	95	1.46	95	0R	3H	1W	
234.70	236.22	1.52	1.52	100	1.43	94	0R	3H	1W	
236.22	237.74	1.52	1.51	99	1.51	99	0R	3H	1W	
237.74	239.27	1.53	1.47	96	1.47	96	0R	3H	1W	
239.27	240.79	1.52	1.52	100	1.39	91	0R	3H	1W	
240.79	242.32	1.53	1.42	93	1.38	90	0R	3H	1W	
242.32	243.84	1.52	1.25	82	1.05	69	0R	3H	1W	
243.84	245.36	1.52	1.49	98	1.49	98	0R	3H	1W	
245.36	246.89	1.53	1.37	90	1.31	86	0R	3H	1W	
246.89	248.41	1.52	1.52	100	1.28	84	0R	3H	1W	
248.41	249.94	1.53	1.45	95	0.92	60	0R	3H	1W	
249.94	251.46	1.52	1.42	93	0.92	61	0R	3H	1W	
251.46	252.98	1.52	1.42	93	0.71	47	0R	3H	1W	
252.98	254.51	1.53	1.4	92	0.92	60	0R	3H	1W	
254.51	256.03	1.52	1.39	91	1.09	72	0R	3H	1W	EOH

OS -13-204

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M399750	13-012		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399757	13-014			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399745	13-012		CS1	☑	☐	☐
1.39	6.10	4.71	MST, OVB	2.59	55	N831315	13-C03	Chip		☐	☐	☐
6.10	12.19	6.09	MST	4.81	79	N831316	13-C03	Chip		☐	☐	☐
12.19	18.29	6.10	MST	5.47	90	N831317	13-C03	Chip		☐	☐	☐
18.29	24.38	6.09	MST	5.12	84	N831318	13-C03	Chip		☐	☐	☐
24.38	30.48	6.10	MST	5.71	94	N831319	13-C03	Chip		☐	☐	☐
30.48	36.58	6.10	MST	5.18	85	N831320	13-C03	Chip		☐	☐	☐
36.58	42.67	6.09	MST	5.52	91	N831321	13-C03	Chip		☐	☐	☐
42.67	48.77	6.10	MST	5.43	89	N831322	13-C03	Chip		☐	☐	☐
48.77	54.86	6.09	MST	5.75	94	N831323	13-C03	Chip		☐	☐	☐
54.86	60.96	6.10	MST	5.59	92	N831324	13-C03	Chip		☐	☐	☐
60.96	67.06	6.10	MST	5.59	92	N831325	13-C03	Chip		☐	☐	☐
67.06	73.15	6.09	MST	5.19	85	N831326	13-C03	Chip		☐	☐	☐
73.15	79.25	6.10	MST	5.23	86	N831327	13-C03	Chip		☐	☐	☐
79.25	85.34	6.09	MST	5.22	86	N831328	13-C03	Chip		☐	☐	☐
85.34	91.44	6.10	MST	5.58	91	N831329	13-C03	Chip		☐	☐	☐
91.44	97.54	6.10	MST	5.55	91	N831330	13-C03	Chip		☐	☐	☐
97.54	103.63	6.09	MST	4.92	81	N831350	13-C03	Chip		☐	☐	☐
103.63	109.73	6.10	MST	5.33	87	N831351	13-C03	Chip		☐	☐	☐
109.73	115.82	6.09	MST	5.22	86	N831352	13-C03	Chip		☐	☐	☐
115.82	121.92	6.10	MST	5.94	97	N831353	13-C03	Chip		☐	☐	☐
121.92	128.02	6.10	MST	5.39	88	N831354	13-C03	Chip		☐	☐	☐
128.02	134.11	6.09	MST	5.71	94	N831355	13-C03	Chip		☐	☐	☐
134.11	138.24	4.13	MST	4.10	99	N831356	13-C03	Chip		☐	☐	☐
138.24	140.78	2.54	MST	2.52	99	M399736	13-012			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
140.78	143.26	2.48	MST, LST	2.42	98	M399737	13-012			☐	☐	☐
143.26	146.30	3.04	LST	2.73	90	M399738	13-012			☐	☐	☐
146.30	149.35	3.05	LST	2.90	95	M399739	13-012			☐	☐	☐
146.30	149.35	3.05	LST	2.90	95	M399740	13-012			☐	☐	☑
149.35	152.40	3.05	LST	2.69	88	M399741	13-012			☐	☐	☐
152.40	155.45	3.05	LST	2.89	95	M399742	13-012			☐	☐	☐
155.45	158.50	3.05	LST	2.95	97	M399743	13-012			☐	☐	☐
158.50	161.54	3.04	LST	2.82	93	M399744	13-012			☐	☐	☐
161.54	164.59	3.05	LST	2.97	97	M399746	13-012			☐	☐	☐
164.59	167.64	3.05	LST	3.05	100	M399747	13-012			☐	☐	☐
167.64	170.69	3.05	LST	3.03	99	M399748	13-012			☐	☐	☐
170.69	173.74	3.05	LST	2.80	92	M399749	13-012			☐	☐	☐
173.74	176.78	3.04	LST	2.78	91	M399751	13-012			☐	☐	☐
176.78	179.83	3.05	LST	2.92	96	M399752	13-012			☐	☐	☐
179.83	185.93	6.10	LST	5.93	97	N831357	13-C03	Chip		☐	☐	☐
185.93	192.02	6.09	LST	5.58	92	N831358	13-C03	Chip		☐	☐	☐
192.02	198.12	6.10	LST	5.69	93	N831359	13-C03	Chip		☐	☐	☐
198.12	204.22	6.10	LST	5.85	96	N831360	13-C03	Chip		☐	☐	☐
204.22	207.26	3.04	LST	2.78	91	M399753	13-014			☐	☐	☐
207.26	210.31	3.05	LST	2.97	97	M399754	13-014			☐	☐	☐
210.31	213.36	3.05	LST	2.83	93	M399755	13-014			☐	☐	☐
213.36	216.41	3.05	LST	2.96	97	M399756	13-014			☐	☐	☐
216.41	217.69	1.28	LST	1.20	94	M399758	13-014			☐	☐	☐
217.69	219.46	1.77	MST, LST	1.66	94	M399759	13-014			☐	☐	☐
219.46	222.50	3.04	MST	2.89	95	M399760	13-014			☐	☐	☐
222.50	225.55	3.05	MST	2.96	97	M399761	13-017			☐	☐	☐
225.55	231.65	6.10	MST	6.09	100	N831361	13-C03	Chip		☐	☐	☐
231.65	237.74	6.09	MST	6.01	99	N831362	13-C03	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
237.74	243.84	6.10	MST	5.66	93	N831363	13-C03	Chip		☐	☐	☐
243.84	249.94	6.10	MST	6.10	100	N831364	13-C03	Chip		☐	☐	☐
249.94	256.03	6.09	MST	6.09	100	N831365	13-C03	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629089	7111560	1514.48	397.76

ZONE: Isis East

SECTION: IE080E

SURVEY			
Depth (m)	Azimuth	Dip	Method
16.76	3.82	-49.9	Reflex
397.76	4.11	-52.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.68	2.68	OVB
2.68	45.9	43.22	LST
45.9	90.25	44.35	DMT
90.25	167.35	77.1	DST
167.35	185.98	18.63	SLT
185.98	397.76	211.78	LST

HOLE: OS -13-205

CLAIM: Sten 39

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth: 6.1m, Out

Drilling Dates: Jun 29 - Jul 06, 2013

Geology Logged By: M. Pultz

SAMPLES	
Numbers:	M397617 to M397723, N831366 to N831388
Total:	130
Batch:	015, 016, 017, C03
Certificates:	WH13121860, WH13124470, WH13124473, WH13124474

COMMENTS
The hole made water due to a large fault zone between ~270-300 m. The drillers had difficulty plugging the hole, but in the end were successful. Hole was ended because it was past the projected contact with the mudstone and the limestone was very barren looking.

OS -13-205

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.68	2.68	OVB	--	Casing No Recovery							
						--	--	---	---	--	--	0
2.68	45.90	43.22	LST	MG	Bedded limestone with interbeds of variably limey siltstone, massive to crackle brecciated dolostone?, and quartz pebble conglomerate.							
									ASO	1I		
								MA	DCA	1I		
						MD	GY	BD	OXI	1I	Py	0.5
45.90	90.25	44.35	DMT	FG	Massive diamictite sandwiched between two mudstone horizons.							
								MA				
						MD	GY	BD	OXI	1I	Py	0.5
90.25	167.35	77.10	DST	FG	Massive and bedded dolostone with local crackle brecciation, associated with variable mineralization throughout general lithology.							
											Sp	0.5
											Py	0.5
								MA			Om	0.5
						MD	GY	BD	ASO	1I	Re	0.5
167.35	185.98	18.63	SLT	FG	Bedded siltstone with interbeds of limestone, silty mudstone and coherent fault breccia.							
						MD	GN					
						DK	GY					
						MD	GY	BD	---	--	--	0
185.98	397.76	211.78	LST	FG	Bedded limestone with rudstone and local dolo-rudstone, with a heavily mineralized zone at (231.65-236.22m).							
								RD			Om	0.5
						MD	GY	BD	ASO	1I	Re	0.5

OS -13-205

Nadaleen
Isis East Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.68	2.68	0	0	0.00	0	0R	--	--	No Recovery
2.68	3.05	0.37	0.33	89	0.00	0	4R	4H	2W	rubble
3.05	4.57	1.52	0.41	27	0.10	7	4R	4H	2W	rubble
4.57	6.10	1.53	0.21	14	0.00	0	4R	4H	2W	rubble
6.10	7.62	1.52	0.82	54	0.10	7	4R	4H	2W	rubble
7.62	9.14	1.52	1.15	76	0.71	47	4R	4H	1W	
9.14	10.67	1.53	1.31	86	0.35	23	4R	4H	1W	gouge and rubble
10.67	12.19	1.52	1.3	86	0.00	0	4R	4H	1W	gouge and rubble
12.19	13.72	1.53	1.1	72	0.46	30	4R	4H	1W	
13.72	15.24	1.52	1.14	75	0.13	9	2R	4H	1W	
15.24	16.76	1.52	1.17	77	0.31	20	3R	4H	1W	
16.76	18.29	1.53	1.38	90	0.45	29	4R	4H	1W	
18.29	19.81	1.52	1.36	89	0.80	53	2R	4H	1W	
19.81	21.34	1.53	1.3	85	1.11	73	2R	4H	1W	
21.34	22.86	1.52	1.4	92	0.88	58	2R	4H	1W	
22.86	24.38	1.52	1.42	93	1.03	68	2R	4H	1W	
24.38	25.91	1.53	1.47	96	0.84	55	1R	4H	1W	
25.91	27.43	1.52	1.3	86	0.26	17	3R	4H	1W	
27.43	28.96	1.53	1.14	75	1.03	67	3R	4H	1W	
28.96	30.48	1.52	1.35	89	1.02	67	2R	4H	2W	
30.48	32.00	1.52	1.48	97	0.72	47	2R	4H	2W	
32.00	33.53	1.53	1.18	77	0.96	63	2R	4H	1W	
33.53	35.05	1.52	1.38	91	0.51	34	2R	4H	2W	
35.05	36.58	1.53	1.18	77	0.74	48	3R	4H	1W	
36.58	38.10	1.52	1.42	93	1.24	82	2R	4H	1W	
38.10	39.62	1.52	1.23	81	0.70	46	2R	4H	1W	
39.62	41.15	1.53	1.49	97	0.70	46	3R	4H	1W	
41.15	42.67	1.52	1.38	91	0.37	24	4R	4H	1W	
42.67	44.20	1.53	1.24	81	0.40	26	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.20	45.72	1.52	1.14	75	0.22	14	3R	4H	1W	
45.72	47.24	1.52	1.38	91	0.32	21	0R	3H	1W	
47.24	48.77	1.53	1.23	80	0.59	39	0R	3H	1W	
48.77	50.29	1.52	1.32	87	0.40	26	3R	4H	1W	
50.29	51.82	1.53	1.22	80	0.58	38	2R	4H	1W	
51.82	53.34	1.52	1.29	85	0.54	36	3R	4H	1W	
53.34	54.86	1.52	1.36	89	0.98	64	3R	4H	1W	
54.86	56.39	1.53	1.38	90	0.54	35	4R	4H	1W	
56.39	57.91	1.52	1.32	87	0.33	22	2R	3H	2W	
57.91	59.44	1.53	1.4	92	0.84	55	1R	3H	1W	
59.44	60.96	1.52	1.15	76	0.27	18	0R	4H	1W	
60.96	62.48	1.52	1.32	87	1.15	76	4R	4H	1W	
62.48	64.01	1.53	1.33	87	0.72	47	4R	4H	2W	
64.01	65.53	1.52	1.52	100	1.00	66	4R	4H	1W	
65.53	67.06	1.53	1.3	85	0.95	62	3R	4H	1W	
67.06	68.58	1.52	1.48	97	1.08	71	4R	4H	1W	
68.58	70.10	1.52	1.45	95	1.29	85	3R	4H	1W	
70.10	71.63	1.53	1.43	93	1.20	78	3R	4H	1W	
71.63	73.15	1.52	1.51	99	1.37	90	4R	4H	1W	
73.15	74.68	1.53	1.5	98	1.22	80	3R	4H	1W	
74.68	76.20	1.52	1.4	92	1.40	92	3R	4H	1W	
76.20	77.72	1.52	1.52	100	1.35	89	3R	4H	1W	
77.72	79.25	1.53	1.25	82	0.77	50	2R	3H	1W	
79.25	80.77	1.52	1.44	95	1.41	93	2R	3H	1W	
80.77	82.30	1.53	1.53	100	1.43	93	0R	3H	1W	
82.30	83.82	1.52	1.44	95	1.33	88	0R	3H	1W	
83.82	85.34	1.52	1.41	93	1.20	79	0R	3H	1W	
85.34	86.87	1.53	1.31	86	1.16	76	0R	3H	1W	
86.87	88.39	1.52	1.02	67	0.00	0	0R	3H	1W	
88.39	89.92	1.53	1.48	97	0.14	9	0R	3H	1W	
89.92	91.44	1.52	1.23	81	0.41	27	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
91.44	92.96	1.52	1.42	93	0.84	55	1R	4H	1W	
92.96	94.49	1.53	1.4	92	1.04	68	1R	4H	1W	
94.49	96.01	1.52	1.4	92	0.59	39	1R	4H	1W	
96.01	97.54	1.53	1.53	100	1.42	93	1R	4H	1W	
97.54	99.06	1.52	1.37	90	0.78	51	1R	4H	1W	
99.06	100.58	1.52	1.52	100	1.36	89	1R	4H	1W	
100.58	102.11	1.53	1.52	99	1.28	84	1R	4H	1W	
102.11	103.63	1.52	1.23	81	0.97	64	1R	4H	1W	
103.63	105.16	1.53	1.41	92	0.71	46	1R	4H	1W	
105.16	106.68	1.52	1.42	93	1.20	79	1R	4H	1W	
106.68	108.20	1.52	1.49	98	0.97	64	2R	4H	1W	
108.20	109.73	1.53	1.41	92	1.30	85	1R	4H	1W	
109.73	111.25	1.52	1.49	98	0.96	63	1R	4H	1W	
111.25	112.78	1.53	1.39	91	1.13	74	1R	4H	1W	
112.78	114.30	1.52	1.34	88	0.86	57	1R	4H	1W	
114.30	115.82	1.52	1.25	82	1.09	72	1R	4H	1W	
115.82	117.35	1.53	1.39	91	0.50	33	1R	4H	1W	
117.35	118.87	1.52	1.37	90	0.63	41	1R	4H	1W	
118.87	120.40	1.53	1.37	90	0.84	55	1R	4H	1W	
120.40	121.92	1.52	1.37	90	0.84	55	1R	4H	1W	
121.92	123.44	1.52	1.37	90	0.53	35	1R	4H	1W	
123.44	124.97	1.53	1.29	84	0.95	62	1R	4H	1W	
124.97	126.49	1.52	1.38	91	1.19	78	1R	4H	1W	
126.49	128.02	1.53	1.41	92	1.14	75	1R	4H	1W	
128.02	129.54	1.52	1.52	100	1.02	67	1R	4H	1W	
129.54	131.06	1.52	1.1	72	0.80	53	1R	4H	1W	
131.06	132.59	1.53	1.35	88	0.60	39	1R	4H	1W	
132.59	134.11	1.52	1.28	84	1.07	70	1R	4H	1W	
134.11	135.64	1.53	1.53	100	1.22	80	1R	4H	1W	
135.64	137.16	1.52	1.46	96	1.25	82	1R	4H	1W	
137.16	138.68	1.52	1.44	95	1.06	70	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.68	140.21	1.53	1.41	92	1.00	65	1R	4H	1W	
140.21	141.73	1.52	1.52	100	1.12	74	1R	4H	1W	
141.73	143.26	1.53	1.41	92	1.27	83	1R	4H	1W	
143.26	144.78	1.52	1.52	100	1.42	93	1R	4H	1W	
144.78	146.30	1.52	1.37	90	1.19	78	2R	4H	1W	
146.30	147.83	1.53	1.53	100	0.59	39	1R	4H	1W	
147.83	149.35	1.52	1.36	89	0.71	47	1R	4H	1W	
149.35	150.88	1.53	1.52	99	1.41	92	1R	4H	1W	
150.88	152.40	1.52	1.41	93	1.29	85	1R	4H	1W	
152.40	153.92	1.52	1.42	93	0.81	53	1R	4H	1W	
153.92	155.45	1.53	1.41	92	0.99	65	1R	4H	1W	
155.45	156.97	1.52	1.42	93	0.77	51	1R	4H	1W	
156.97	158.50	1.53	1.53	100	1.21	79	1R	4H	1W	
158.50	160.02	1.52	1.52	100	1.38	91	2R	4H	1W	
160.02	161.54	1.52	1.4	92	1.19	78	1R	4H	1W	
161.54	163.07	1.53	1.52	99	0.88	58	1R	4H	1W	
163.07	164.59	1.52	1.48	97	1.03	68	1R	4H	1W	
164.59	166.12	1.53	1.53	100	0.53	35	1R	4H	1W	
166.12	167.64	1.52	1.2	79	1.00	66	1R	4H	1W	
167.64	169.16	1.52	1.45	95	0.52	34	1R	3H	1W	
169.16	170.69	1.53	1.42	93	1.22	80	1R	3H	1W	
170.69	172.21	1.52	1.42	93	1.04	68	1R	3H	1W	
172.21	173.74	1.53	1.51	99	1.29	84	1R	3H	1W	
173.74	175.26	1.52	1.52	100	1.05	69	4R	3H	1W	
175.26	176.78	1.52	1.34	88	0.98	64	4R	3H	1W	
176.78	178.31	1.53	1.46	95	1.17	76	4R	3H	1W	
178.31	179.83	1.52	1.46	96	0.98	64	4R	4H	1W	
179.83	181.36	1.53	1.53	100	0.57	37	4R	3H	1W	
181.36	182.88	1.52	1.5	99	1.12	74	2R	4H	1W	
182.88	184.40	1.52	1.48	97	1.21	80	4R	4H	1W	
184.40	185.93	1.53	1.52	99	0.28	18	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
185.93	187.45	1.52	1.51	99	0.74	49	4R	4H	1W	
187.45	188.98	1.53	1.52	99	0.87	57	4R	4H	1W	
188.98	190.50	1.52	1.52	100	0.54	36	4R	4H	1W	
190.50	192.02	1.52	1.34	88	0.70	46	4R	4H	1W	
192.02	193.55	1.53	1.26	82	0.73	48	4R	3H	1W	
193.55	195.07	1.52	1.5	99	1.22	80	4R	3H	1W	
195.07	196.60	1.53	1.51	99	0.84	55	4R	3H	1W	
196.60	198.12	1.52	1.32	87	0.63	41	4R	4H	1W	
198.12	199.64	1.52	1.5	99	0.38	25	4R	4H	1W	
199.64	201.17	1.53	1.5	98	0.73	48	4R	3H	1W	
201.17	202.69	1.52	1.49	98	0.25	16	4R	4H	1W	
202.69	204.22	1.53	1.51	99	0.70	46	4R	3H	1W	
204.22	205.74	1.52	1.5	99	0.90	59	4R	4H	1W	
205.74	207.26	1.52	1.48	97	0.95	63	4R	3H	1W	
207.26	208.79	1.53	1.49	97	0.23	15	4R	3H	1W	
208.79	210.31	1.52	1.39	91	0.24	16	4R	4H	1W	
210.31	211.84	1.53	1.5	98	0.10	7	4R	4H	1W	
211.84	213.36	1.52	1.49	98	0.53	35	4R	3H	1W	
213.36	214.88	1.52	1.48	97	0.63	41	4R	4H	1W	
214.88	216.41	1.53	1.49	97	1.15	75	4R	4H	1W	
216.41	217.93	1.52	1.47	97	1.31	86	4R	3H	1W	
217.93	219.46	1.53	1.44	94	1.00	65	4R	3H	1W	
219.46	220.98	1.52	1.52	100	0.70	46	4R	4H	1W	
220.98	222.50	1.52	1.23	81	0.70	46	4R	4H	1W	
222.50	224.03	1.53	1.5	98	1.03	67	2R	3H	1W	
224.03	225.55	1.52	1.42	93	1.26	83	4R	3H	1W	
225.55	227.08	1.53	1.53	100	1.10	72	4R	4H	1W	
227.08	228.60	1.52	1.32	87	1.22	80	4R	4H	1W	
228.60	230.12	1.52	1.49	98	1.12	74	4R	3H	1W	
230.12	231.65	1.53	1.32	86	1.15	75	2R	3H	1W	
231.65	233.17	1.52	1.5	99	1.28	84	2R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
233.17	234.70	1.53	1.48	97	1.36	89	2R	4H	1W	
234.70	236.22	1.52	1.52	100	0.94	62	3R	3H	1W	
236.22	237.74	1.52	1.35	89	1.24	82	4R	4H	1W	
237.74	239.27	1.53	1.53	100	0.97	63	4R	4H	1W	
239.27	240.79	1.52	1.43	94	1.43	94	4R	4H	1W	
240.79	242.32	1.53	1.35	88	1.13	74	4R	4H	1W	
242.32	243.84	1.52	1.52	100	0.87	57	4R	4H	1W	
243.84	245.36	1.52	1.52	100	1.20	79	4R	4H	1W	
245.36	246.89	1.53	1.29	84	1.13	74	4R	4H	1W	
246.89	248.41	1.52	1.38	91	0.96	63	3R	4H	1W	
248.41	249.94	1.53	1.5	98	1.29	84	3R	4H	1W	
249.94	251.46	1.52	1.38	91	0.78	51	4R	4H	1W	
251.46	252.98	1.52	1.38	91	0.84	55	4R	3H	1W	
252.98	254.51	1.53	1.26	82	0.32	21	4R	3H	1W	
254.51	256.03	1.52	1.34	88	0.56	37	4R	3H	1W	
256.03	257.56	1.53	1.39	91	0.68	44	3R	3H	1W	
257.56	259.08	1.52	1.25	82	0.32	21	4R	4H	1W	
259.08	260.60	1.52	1.4	92	0.33	22	3R	3H	1W	
260.60	262.13	1.53	1.34	88	0.36	24	3R	3H	1W	
262.13	263.65	1.52	1.48	97	0.95	63	3R	3H	1W	
263.65	265.18	1.53	1.41	92	0.48	31	3R	3H	1W	
265.18	266.70	1.52	1.28	84	0.81	53	4R	4H	1W	
266.70	268.22	1.52	1.14	75	0.49	32	4R	4H	1W	
268.22	269.75	1.53	1.49	97	0.73	48	4R	4H	1W	
269.75	271.27	1.52	1.16	76	0.77	51	2R	4H	1W	
271.27	272.80	1.53	1.19	78	0.37	24	2R	4H	1W	
272.80	274.32	1.52	1.3	86	0.60	39	2R	4H	3W	
274.32	275.84	1.52	1	66	0.00	0	2R	4H	3W	
275.84	277.37	1.53	0.94	61	0.00	0	2R	4H	3W	
277.37	278.89	1.52	0.95	63	0.00	0	2R	4H	3W	
278.89	280.42	1.53	1	65	0.00	0	2R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
280.42	281.94	1.52	0.39	26	0.00	0	3R	4H	1W	
281.94	283.46	1.52	0.39	26	0.10	7	3R	4H	1W	
283.46	284.99	1.53	0.2	13	0.00	0	2R	3H	1W	
284.99	286.51	1.52	0.74	49	0.29	19	3R	4H	2W	
286.51	288.04	1.53	0.5	33	0.00	0	2R	4H	1W	
288.04	289.56	1.52	0.3	20	0.00	0	4R	4H	1W	
289.56	291.08	1.52	0.67	44	0.10	7	4R	4H	1W	
291.08	292.61	1.53	0.72	47	0.29	19	4R	4H	1W	
292.61	294.13	1.52	0.32	21	0.00	0	4R	3H	1W	
294.13	295.66	1.53	0.57	37	0.25	16	4R	4H	1W	
295.66	297.18	1.52	0.53	35	0.00	0	4R	3H	1W	
297.18	298.70	1.52	0.5	33	0.00	0	4R	4H	1W	
298.70	299.62	0.92	0.37	40	0.00	0	4R	4H	1W	
299.62	301.14	1.52	0.9	59	0.37	24	3R	4H	1W	
301.14	302.06	0.92	0.82	89	0.00	0	3R	4H	1W	
302.06	303.28	1.22	1.06	87	0.12	10	3R	4H	1W	
303.28	304.80	1.52	1.29	85	0.60	39	3R	3H	1W	
304.80	306.32	1.52	1.48	97	0.65	43	4R	4H	1W	
306.32	307.85	1.53	1.36	89	1.06	69	4R	4H	1W	
307.85	309.37	1.52	1.48	97	0.85	56	4R	3H	1W	
309.37	310.90	1.53	1.47	96	0.59	39	4R	3H	1W	
310.90	312.42	1.52	1.45	95	1.21	80	4R	3H	1W	
312.42	313.94	1.52	1.3	86	0.46	30	4R	4H	1W	
313.94	315.47	1.53	1.27	83	0.45	29	4R	3H	1W	
315.47	316.99	1.52	1.35	89	0.58	38	4R	3H	1W	
316.99	318.52	1.53	1.4	92	0.91	59	4R	3H	1W	
318.52	320.04	1.52	1.41	93	0.90	59	3R	4H	1W	
320.04	321.56	1.52	1.48	97	0.83	55	4R	4H	1W	
321.56	323.09	1.53	1.3	85	0.86	56	4R	4H	1W	
323.09	324.61	1.52	1.43	94	0.84	55	4R	4H	1W	
324.61	326.14	1.53	1.32	86	0.64	42	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
326.14	327.66	1.52	1.43	94	0.72	47	4R	4H	1W	
327.66	329.18	1.52	1.4	92	1.05	69	4R	4H	1W	
329.18	330.71	1.53	1.31	86	0.32	21	4R	4H	1W	
330.71	332.23	1.52	1.33	88	0.62	41	4R	4H	1W	
332.23	333.76	1.53	1.35	88	0.98	64	4R	4H	1W	
333.76	335.28	1.52	1.37	90	0.90	59	4R	4H	1W	
335.28	336.80	1.52	1.47	97	1.06	70	4R	4H	1W	
336.80	338.33	1.53	1.3	85	1.00	65	4R	3H	1W	
338.33	339.85	1.52	1.4	92	0.10	7	4R	4H	1W	
339.85	341.38	1.53	1.19	78	0.44	29	3R	4H	1W	
341.38	342.90	1.52	1.52	100	1.20	79	4R	4H	1W	
342.90	344.42	1.52	1.52	100	1.12	74	4R	4H	1W	
344.42	345.95	1.53	1.53	100	1.27	83	4R	4H	1W	
345.95	347.47	1.52	1.48	97	1.22	80	4R	4H	1W	
347.47	349.00	1.53	1.47	96	1.28	84	3R	4H	1W	
349.00	350.52	1.52	1.43	94	1.11	73	4R	4H	1W	
350.52	352.04	1.52	1.52	100	1.34	88	4R	4H	1W	
352.04	353.57	1.53	1.53	100	1.32	86	4R	4H	1W	
353.57	355.09	1.52	1.45	95	0.98	64	2R	3H	1W	
355.09	356.62	1.53	1.53	100	1.25	82	4R	4H	1W	
356.62	358.14	1.52	1.52	100	1.28	84	4R	4H	1W	
358.14	359.66	1.52	1.4	92	1.06	70	4R	4H	1W	
359.66	361.19	1.53	1.48	97	1.48	97	4R	4H	1W	
361.19	362.71	1.52	1.49	98	1.45	95	4R	4H	1W	
362.71	364.24	1.53	1.5	98	1.42	93	4R	4H	1W	
364.24	365.76	1.52	1.48	97	1.37	90	4R	4H	1W	
365.76	367.28	1.52	1.5	99	1.35	89	4R	4H	1W	
367.28	368.81	1.53	1.42	93	1.42	93	3R	4H	1W	
368.81	370.33	1.52	1.47	97	1.37	90	3R	4H	1W	
370.33	371.86	1.53	1.41	92	1.41	92	4R	4H	1W	
371.86	373.38	1.52	1.52	100	1.47	97	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
373.38	374.90	1.52	1.45	95	1.40	92	4R	4H	1W	
374.90	376.43	1.53	1.35	88	1.27	83	3R	4H	1W	
376.43	377.95	1.52	1.52	100	1.43	94	4R	4H	1W	
377.95	379.48	1.53	1.53	100	1.30	85	4R	4H	1W	
379.48	381.00	1.52	1.35	89	1.22	80	3R	4H	1W	
381.00	382.52	1.52	1.52	100	1.52	100	3R	4H	1W	
382.52	384.05	1.53	1.38	90	0.89	58	4R	4H	1W	
384.05	385.57	1.52	1.52	100	1.22	80	4R	4H	1W	
385.57	387.10	1.53	1.41	92	1.41	92	4R	4H	1W	
387.10	388.62	1.52	1.52	100	1.36	89	3R	4H	1W	
388.62	390.14	1.52	1.4	92	1.40	92	3R	4H	1W	
390.14	391.67	1.53	1.53	100	1.49	97	3R	4H	1W	
391.67	393.19	1.52	1.4	92	1.40	92	3R	4H	1W	
393.19	394.72	1.53	1.53	100	1.53	100	3R	4H	1W	
394.72	396.24	1.52	1.14	75	0.67	44	3R	4H	1W	
396.24	397.76	1.52	1.33	88	0.50	33	3R	4H	1W	

Sample Log

OS -13-205

Nadaleen

Isis East Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M397678	13-016		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397712	13-017			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397710	13-017		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397620	13-015		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397693	13-017		CS4	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397675	13-016			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397663	13-016		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397659	13-016			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397650	13-015			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397646	13-015		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397638	13-015			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397696	13-017			☑	☐	☐
2.68	4.57	1.89	LST, OVB	0.74	39	M397617	13-015			☐	☐	☐
4.57	7.62	3.05	LST	1.03	34	M397618	13-015			☐	☐	☐
7.62	10.67	3.05	LST	2.46	81	M397619	13-015			☐	☐	☐
10.67	13.72	3.05	LST	2.40	79	M397621	13-015			☐	☐	☐
13.72	16.76	3.04	LST	2.31	76	M397622	13-015			☐	☐	☐
16.76	19.81	3.05	LST	2.74	90	M397623	13-015			☐	☐	☐
19.81	22.86	3.05	LST	2.70	89	M397624	13-015			☐	☐	☐
22.86	25.91	3.05	LST	2.89	95	M397625	13-015			☐	☐	☐
25.91	28.96	3.05	LST	2.44	80	M397626	13-015			☐	☐	☐
28.96	32.00	3.04	LST	2.83	93	M397627	13-015			☐	☐	☐
32.00	35.05	3.05	LST	2.56	84	M397628	13-015			☐	☐	☐
35.05	38.10	3.05	LST	2.60	85	M397629	13-015			☐	☐	☐
38.10	41.15	3.05	LST	2.72	89	M397630	13-015			☐	☐	☐
41.15	44.20	3.05	LST	2.62	86	M397631	13-015			☐	☐	☐
44.20	45.90	1.70	LST	1.53	90	M397632	13-015			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
44.20	45.90	1.70	LST	1.53	90	M397633	13-015			☐	☐	☑
45.90	48.77	2.87	LST, DMT	2.62	91	M397634	13-015			☐	☐	☐
48.77	51.82	3.05	DMT	2.54	83	M397635	13-015			☐	☐	☐
51.82	54.86	3.04	DMT	2.65	87	M397636	13-015			☐	☐	☐
54.86	57.91	3.05	DMT	2.70	89	M397637	13-015			☐	☐	☐
57.91	60.96	3.05	DMT	2.55	84	M397639	13-015			☐	☐	☐
60.96	64.01	3.05	DMT	2.65	87	M397640	13-015			☐	☐	☐
64.01	67.06	3.05	DMT	2.82	92	M397641	13-015			☐	☐	☐
64.01	67.06	3.05	DMT	2.82	92	M397642	13-015			☐	☑	☐
67.06	70.10	3.04	DMT	2.93	96	M397643	13-015			☐	☐	☐
70.10	73.15	3.05	DMT	2.94	96	M397644	13-015			☐	☐	☐
73.15	76.20	3.05	DMT	2.90	95	M397645	13-015			☐	☐	☐
76.20	79.25	3.05	DMT	2.77	91	M397647	13-015			☐	☐	☐
79.25	82.30	3.05	DMT	2.97	97	M397648	13-015			☐	☐	☐
82.30	85.34	3.04	DMT	2.85	94	M397649	13-015			☐	☐	☐
85.34	88.39	3.05	DMT	2.78	91	M397651	13-015			☐	☐	☐
88.39	90.25	1.86	DMT	1.48	80	M397652	13-015			☐	☐	☐
90.25	92.96	2.71	DST, DMT	2.65	98	M397653	13-016			☐	☐	☐
92.96	96.01	3.05	DST	2.80	92	M397654	13-016			☐	☐	☐
96.01	99.06	3.05	DST	2.90	95	M397655	13-016			☐	☐	☐
99.06	102.11	3.05	DST	3.04	100	M397656	13-016			☐	☐	☐
102.11	105.16	3.05	DST	2.64	87	M397657	13-016			☐	☐	☐
105.16	108.20	3.04	DST	2.91	96	M397658	13-016			☐	☐	☐
108.20	111.25	3.05	DST	2.90	95	M397660	13-016			☐	☐	☐
111.25	114.30	3.05	DST	2.73	90	M397661	13-016			☐	☐	☐
114.30	117.35	3.05	DST	2.64	87	M397662	13-016			☐	☐	☐
117.35	120.40	3.05	DST	2.74	90	M397664	13-016			☐	☐	☐
120.40	123.44	3.04	DST	2.74	90	M397665	13-016			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
123.44	126.49	3.05	DST	2.67	88	M397666	13-016			☐	☐	☐
126.49	129.54	3.05	DST	2.93	96	M397667	13-016			☐	☐	☐
129.54	132.59	3.05	DST	2.45	80	M397668	13-016			☐	☐	☐
129.54	132.59	3.05	DST	2.45	80	M397669	13-016			☐	☐	☑
132.59	135.64	3.05	DST	2.81	92	M397670	13-016			☐	☐	☐
135.64	138.68	3.04	DST	2.90	95	M397671	13-016			☐	☐	☐
138.68	141.73	3.05	DST	2.93	96	M397672	13-016			☐	☐	☐
141.73	144.78	3.05	DST	2.93	96	M397673	13-016			☐	☐	☐
144.78	147.83	3.05	DST	2.90	95	M397674	13-016			☐	☐	☐
147.83	150.88	3.05	DST	2.88	94	M397676	13-016			☐	☐	☐
150.88	153.92	3.04	DST	2.83	93	M397677	13-016			☐	☐	☐
153.92	156.97	3.05	DST	2.83	93	M397679	13-016			☐	☐	☐
156.97	160.02	3.05	DST	3.05	100	M397680	13-016			☐	☐	☐
160.02	163.07	3.05	DST	2.92	96	M397681	13-016			☐	☐	☐
163.07	165.12	2.05	DST	1.89	92	M397682	13-016			☐	☐	☐
163.07	165.12	2.05	DST	1.89	92	M397683	13-016			☐	☑	☐
165.12	167.38	2.26	DST	2.06	91	M397684	13-016			☐	☐	☐
167.38	169.16	1.78	SLT	1.78	100	M397685	13-016			☐	☐	☐
169.16	172.21	3.05	SLT	2.84	93	M397686	13-016			☐	☐	☐
172.21	175.26	3.05	SLT	3.03	99	M397687	13-016			☐	☐	☐
175.26	181.36	6.10	SLT	2.80	46	N831366	13-C03	Chip		☐	☐	☐
181.36	187.45	6.09	SLT	5.99	98	N831367	13-C03	Chip		☐	☐	☐
187.45	193.55	6.10	LST	5.64	92	N831368	13-C03	Chip		☐	☐	☐
193.55	199.64	6.09	LST	5.83	96	N831369	13-C03	Chip		☐	☐	☐
199.64	205.74	6.10	LST	6.00	98	N831370	13-C03	Chip		☐	☐	☐
205.74	211.84	6.10	LST	5.86	96	N831371	13-C03	Chip		☐	☐	☐
211.84	217.93	6.09	LST	5.93	97	N831372	13-C03	Chip		☐	☐	☐
217.93	220.98	3.05	LST	1.96	64	M397688	13-016			☐	☐	☐
220.98	224.03	3.05	LST	1.73	57	M397689	13-017			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
224.03	227.08	3.05	LST	1.95	64	M397690	13-017			☐	☐	☐
227.08	230.12	3.04	LST	1.81	60	M397691	13-017			☐	☐	☐
230.12	231.65	1.53	LST	1.32	86	M397692	13-017			☐	☐	☐
231.65	233.91	2.26	LST	2.26	100	M397694	13-017			☐	☐	☐
233.91	236.22	2.31	LST	2.31	100	M397695	13-017			☐	☐	☐
236.22	239.27	3.05	LST	2.89	95	M397697	13-017			☐	☐	☐
239.27	242.32	3.05	LST	2.78	91	M397698	13-017			☐	☐	☐
242.32	245.36	3.04	LST	3.04	100	M397699	13-017			☐	☐	☐
242.32	245.36	3.04	LST	3.04	100	M397700	13-017			☐	☑	☐
245.36	248.41	3.05	LST	2.67	88	M397701	13-017			☐	☐	☐
248.41	251.46	3.05	LST	2.88	94	M397702	13-017			☐	☐	☐
251.46	254.51	3.05	LST	2.64	87	M397703	13-017			☐	☐	☐
254.51	257.56	3.05	LST	2.73	90	M397704	13-017			☐	☐	☐
257.56	260.60	3.04	LST	2.65	87	M397705	13-017			☐	☐	☐
260.60	263.65	3.05	LST	2.82	92	M397706	13-017			☐	☐	☐
263.65	266.70	3.05	LST	2.69	88	M397707	13-017			☐	☐	☐
266.70	269.70	3.00	LST	2.95	98	M397708	13-017			☐	☐	☐
269.70	272.30	2.60	LST	2.59	100	M397709	13-017			☐	☐	☐
272.30	274.43	2.13	LST	1.99	93	M397711	13-017			☐	☐	☐
274.43	277.37	2.94	LST	2.22	76	M397713	13-017			☐	☐	☐
277.37	280.42	3.05	LST	1.95	64	M397714	13-017			☐	☐	☐
280.42	283.46	3.04	LST	0.78	26	M397715	13-017			☐	☐	☐
283.46	286.51	3.05	LST	0.94	31	M397716	13-017			☐	☐	☐
283.46	286.51	3.05	LST	0.94	31	M397717	13-017			☐	☐	☑
286.51	289.56	3.05	LST	0.80	26	M397718	13-017			☐	☐	☐
289.56	292.61	3.05	LST	1.39	46	M397719	13-017			☐	☐	☐
292.61	295.66	3.05	LST	0.89	29	M397720	13-017			☐	☐	☐
295.66	298.70	3.04	LST	1.03	34	M397721	13-017			☐	☐	☐
298.70	301.75	3.05	LST	1.39	46	M397722	13-017			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
301.75	304.80	3.05	LST	1.27	42	M397723	13-017			☐	☐	☐
304.80	310.90	6.10	LST	5.79	95	N831373	13-C03	Chip		☐	☐	☐
310.90	316.99	6.09	LST	5.37	88	N831374	13-C03	Chip		☐	☐	☐
316.99	323.09	6.10	LST	5.59	92	N831375	13-C03	Chip		☐	☐	☐
323.09	329.18	6.09	LST	5.58	92	N831376	13-C03	Chip		☐	☐	☐
329.18	335.28	6.10	LST	5.36	88	N831377	13-C03	Chip		☐	☐	☐
335.28	341.38	6.10	LST	5.36	88	N831378	13-C03	Chip		☐	☐	☐
341.38	347.47	6.09	LST	6.05	99	N831379	13-C03	Chip		☐	☐	☐
347.47	353.57	6.10	LST	5.95	98	N831380	13-C03	Chip		☐	☐	☐
353.57	359.66	6.09	LST	5.90	97	N831381	13-C03	Chip		☐	☐	☐
359.66	365.76	6.10	LST	5.95	98	N831382	13-C03	Chip		☐	☐	☐
365.76	371.86	6.10	LST	5.80	95	N831383	13-C03	Chip		☐	☐	☐
371.86	377.95	6.09	LST	5.84	96	N831384	13-C03	Chip		☐	☐	☐
377.95	384.05	6.10	LST	5.78	95	N831385	13-C03	Chip		☐	☐	☐
384.05	390.14	6.09	LST	5.85	96	N831386	13-C03	Chip		☐	☐	☐
390.14	396.24	6.10	LST	5.60	92	N831387	13-C03	Chip		☐	☐	☐
396.24	397.76	1.52	LST	1.33	88	N831388	13-C03	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629549	7111995	1789.39	219.76

ZONE: Sunrise

SECTION: S550E

HOLE: OS -13-206

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jul 04 - Jul 06, 2013

Geology Logged By: J. Chakungal

SURVEY

Depth (m)	Azimuth	Dip	Method
6.4	0.02	-57.3	Reflex
219.76	358.22	-62.5	Reflex

TARGET:

SUMMARY

From (m)	To (m)	Interval (m)	Rock Type
0	3.35	3.35	OVB
3.35	43.2	39.85	LST
43.2	46.02	2.82	MST
46.02	54.82	8.8	LST
54.82	59.74	4.92	MST
59.74	75.15	15.41	DST
75.15	79.17	4.02	MST
79.17	96.66	17.49	DST
96.66	127.75	31.09	LST
127.75	133.29	5.54	LST
133.29	212.4	79.11	LST
212.4	219.76	7.36	MST

SAMPLES

Numbers:	M399762 to M399856
Total:	96
Batch:	014, 018, 019
Certificates:	WH13124472, WH13124665, WH13126598

COMMENTS

Hole shutdown in O-MST1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.35	3.35	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
3.35	43.20	39.85	LST	MG	Crystalline limestone interbedded with beef calcite and fine non - calcareous mudstone. Throughout interval rocks are veined with < 1cm calcite, only very locally with > 1cm calcite veins. Evidence for slip along bedding and hairline fractures that offsets bedding.							
						DK	GY	BD	OXI	1I	--	0
43.20	46.02	2.82	MST	FG	Non calcareous; brown-grey -green in colour. Highly strained/sheared particularly over first 1.82 m of interval.							
						MD	GN	SN	CLY	5I	--	0
46.02	54.82	8.80	LST	FG	micritic, interbedded with minor amounts of non-weakly calcareous siltstone/mudstone. Bedding looks to be offset along fractures. Locally find oxidation taking place along fractures.							
						LT	GY	BD	OXI	2I	--	0
54.82	59.74	4.92	MST	FG	Clay altered over 10cm at very start of interval. Overall light grey-green in colour. Well bedded and locally tightly folded (near to faults/fractures?). Bedding is offset along fractures.							
						LT	GY	BD	CLY	2I	--	0
59.74	75.15	15.41	DST	FG	Light grey to beige in colour. Relict bedding marked by dissolution seams that look to be stylolitic. Fractured and veined with dolomite and calcite. Crackled texture with fine black seams throughout this interval.							
						LT	BG	CR	---	--	--	0
75.15	79.17	4.02	MST	FG	Not entirely sure that this is O-DMT that may be folded with underlying O-DST?. Bedding in mudstone over first metre is roughly parallel to core axis. Looks a bit like interval between 65.40-67.49. Veined with calcite and dolomite perpendicular to bedding.							
						MD	GY	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
79.17	96.66	17.49	DST	FG	For the most part, rocks in this interval appear to be massive. Crackled with fine black seams. Veined with calcite and dolostone. Locally interbedded with dark grey mudstone horizons.							
						LT	BG	CR	---	--	--	0
96.66	127.75	31.09	LST	FG	Interbedded/laminated and folded with non-weakly calcareous siltstone and mudstone. Visibly mineralized in veins starting at ~ 118.75m							
						LT	GY	BD	---	--	--	0
127.75	133.29	5.54	LST	FG	Folded and faulted. Looks quite clay altered (medium to dark grey-green in colour) over last 2m of interval. Evidence for slip parallel to bedding. Locally mineralized on bedding planes.							
											Om	30
						MD	GN	SN	CLY	5I	Re	30
133.29	212.40	79.11	LST	FG	Fractured over first ~ 3m downhole of mineralized zone. Arsenic oxide on fractures and bedding planes up to 149m depth. Minor amounts of mineralization also. Rocks in this interval are very compentent. Bedding is folded.							
											Om	0.5
						MD	GY	BD	ASO	2I	Re	0.5
212.40	219.76	7.36	MST	FG	20-30 cm down hole of contact, rocks are a medium grey colour and then quickly transitions into bleached green down to ~ 213.76 m where it becomes bleached green interbedded with bleached maroon to 216.71 m. Below 216.71 m to end of hole, mudstones become distinct maroon and green colour typical of this unit. Evidence for displacement along bedding in this interval.							
						LT	RD					
						LT	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.35	3.35	0	0	0.00	0	0R	--	--	No recovery
3.35	4.88	1.53	0.31	20	0.00	0	4R	4H	3W	
4.88	6.40	1.52	1.23	81	0.26	17	4R	3H	3W	
6.40	7.92	1.52	1.15	76	0.24	16	4R	4H	3W	
7.92	9.45	1.53	1.22	80	0.41	27	4R	4H	3W	
9.45	10.97	1.52	1.25	82	0.45	30	4R	3H	2W	
10.97	12.50	1.53	1.33	87	0.74	48	4R	3H	2W	
12.50	14.02	1.52	1.38	91	0.37	24	4R	4H	2W	
14.02	15.54	1.52	1.39	91	1.21	80	4R	3H	2W	
15.54	17.07	1.53	1.4	92	0.44	29	4R	3H	2W	
17.07	18.59	1.52	1.49	98	1.15	76	4R	4H	2W	
18.59	20.12	1.53	1.32	86	0.55	36	4R	3H	1W	
20.12	21.64	1.52	1.1	72	0.32	21	4R	3H	3W	
21.64	23.16	1.52	1.4	92	0.41	27	4R	3H	2W	
23.16	24.69	1.53	1.03	67	0.19	12	4R	3H	2W	
24.69	26.21	1.52	0.95	63	0.22	14	4R	3H	2W	
26.21	27.74	1.53	1.42	93	0.24	16	4R	4H	2W	
27.74	29.26	1.52	1.48	97	0.73	48	4R	3H	2W	
29.26	30.78	1.52	0.96	63	0.28	18	4R	4H	2W	
30.78	32.31	1.53	0.75	49	0.26	17	4R	4H	2W	
32.31	33.83	1.52	1.26	83	0.22	14	4R	3H	2W	
33.83	35.36	1.53	1.17	76	0.29	19	4R	4H	1W	
35.36	36.88	1.52	0.93	61	0.11	7	4R	3H	3W	
36.88	38.40	1.52	1.44	95	0.22	14	4R	3H	3W	
38.40	39.93	1.53	1.35	88	0.42	27	4R	4H	2W	
39.93	41.45	1.52	1.22	80	0.38	25	4R	3H	3W	
41.45	42.98	1.53	1.36	89	0.99	65	3R	3H	2W	
42.98	44.50	1.52	1.36	89	0.84	55	0R	3H	3W	
44.50	46.02	1.52	1.46	96	0.94	62	0R	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
46.02	47.55	1.53	1.5	98	1.20	78	3R	3H	2W	
47.55	49.07	1.52	1.43	94	1.18	78	4R	3H	2W	
49.07	50.60	1.53	1.53	100	1.20	78	4R	3H	1W	
50.60	52.12	1.52	1.49	98	1.21	80	4R	4H	1W	
52.12	53.64	1.52	1.41	93	1.21	80	4R	3H	1W	
53.64	55.17	1.53	1.43	93	1.09	71	4R	3H	1W	
55.17	56.39	1.22	1.22	100	1.21	99	1R	3H	1W	
56.39	58.22	1.83	1.46	80	1.06	58	1R	3H	1W	
58.22	59.74	1.52	1.45	95	0.88	58	1R	3H	2W	
59.74	61.26	1.52	1.4	92	0.96	63	1R	4H	2W	
61.26	62.79	1.53	1.36	89	1.13	74	1R	4H	2W	
62.79	64.31	1.52	1.25	82	0.80	53	1R	4H	2W	
64.31	65.84	1.53	1.28	84	1.06	69	1R	4H	1W	
65.84	67.36	1.52	1.38	91	1.35	89	1R	3H	2W	
67.36	68.88	1.52	1.47	97	0.54	36	1R	3H	3W	
68.88	70.41	1.53	1.16	76	0.21	14	1R	3H	2W	
70.41	71.93	1.52	1.23	81	0.14	9	1R	3H	3W	
71.93	73.46	1.53	1.31	86	0.14	9	2R	3H	1W	
73.46	74.98	1.52	1.45	95	0.67	44	2R	4H	3W	
74.98	76.50	1.52	1.42	93	0.40	26	3R	3H	3W	
76.50	78.03	1.53	1.47	96	0.67	44	1R	4H	2W	
78.03	79.55	1.52	1.39	91	0.82	54	1R	4H	2W	
79.55	81.08	1.53	1.48	97	0.37	24	2R	4H	2W	
81.08	82.60	1.52	1.45	95	0.89	59	1R	4H	2W	
82.60	84.12	1.52	1.39	91	0.71	47	1R	4H	1W	
84.12	85.65	1.53	1.42	93	0.66	43	1R	4H	1W	
85.65	87.17	1.52	1.47	97	0.76	50	1R	4H	1W	
87.17	88.70	1.53	1.3	85	0.40	26	1R	4H	2W	
88.70	90.22	1.52	1.15	76	0.68	45	2R	4H	1W	
90.22	91.74	1.52	0.76	50	0.00	0	2R	4H	3W	
91.74	93.27	1.53	1.2	78	0.43	28	2R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
93.27	94.79	1.52	1.3	86	0.59	39	2R	4H	1W	
94.79	96.32	1.53	1.47	96	0.50	33	2R	4H	2W	
96.32	97.84	1.52	1.38	91	0.23	15	3R	4H	2W	
97.84	99.36	1.52	1.48	97	0.13	9	4R	4H	2W	
99.36	100.89	1.53	1.48	97	0.14	9	3R	4H	2W	
100.89	102.41	1.52	1.4	92	0.18	12	2R	4H	1W	
102.41	103.94	1.53	1.49	97	0.60	39	2R	4H	1W	
103.94	105.46	1.52	1.02	67	0.00	0	4R	3H	3W	
105.46	106.98	1.52	1.18	78	0.00	0	4R	4H	3W	
106.98	108.51	1.53	1.45	95	0.32	21	4R	4H	3W	
108.51	110.03	1.52	1.15	76	0.12	8	4R	4H	2W	
110.03	111.56	1.53	1.32	86	0.33	22	4R	4H	3W	
111.56	113.08	1.52	1.28	84	0.00	0	4R	3H	3W	
113.08	114.60	1.52	1.18	78	0.32	21	4R	4H	3W	
114.60	116.13	1.53	1.44	94	0.00	0	4R	3H	3W	
116.13	117.65	1.52	1.4	92	0.00	0	4R	3H	2W	
117.65	119.18	1.53	1.4	92	0.17	11	4R	3H	2W	
119.18	120.70	1.52	1.48	97	0.70	46	3R	4H	1W	
120.70	122.22	1.52	1.33	88	0.78	51	2R	4H	1W	
122.22	123.75	1.53	1.18	77	0.13	8	2R	4H	1W	
123.75	125.27	1.52	1.38	91	0.29	19	3R	4H	1W	
125.27	126.80	1.53	1.3	85	0.32	21	4R	4H	1W	
126.80	128.32	1.52	1.48	97	0.13	9	2R	4H	2W	
128.32	129.84	1.52	1.44	95	0.66	43	2R	3H	1W	
129.84	131.37	1.53	1.24	81	0.23	15	2R	4H	2W	
131.37	132.89	1.52	1.38	91	0.22	14	3R	3H	3W	
132.89	134.42	1.53	1.25	82	0.15	10	4R	4H	3W	
134.42	135.94	1.52	1.2	79	0.17	11	4R	4H	3W	
135.94	137.46	1.52	1.48	97	0.69	45	3R	4H	3W	
137.46	138.99	1.53	1.15	75	0.00	0	4R	4H	3W	
138.99	140.51	1.52	1.19	78	0.00	0	4R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
140.51	142.04	1.53	1.41	92	0.13	8	3R	4H	2W	
142.04	143.56	1.52	1.2	79	0.35	23	3R	3H	2W	
143.56	145.08	1.52	1.3	86	0.11	7	3R	4H	2W	
145.08	146.61	1.53	1.29	84	0.23	15	3R	4H	2W	
146.61	148.13	1.52	1.34	88	0.50	33	4R	4H	2W	
148.13	149.66	1.53	1.3	85	0.52	34	4R	4H	2W	
149.66	151.18	1.52	1.49	98	0.31	20	4R	4H	2W	
151.18	152.70	1.52	1.45	95	0.19	13	4R	4H	2W	
152.70	154.23	1.53	1.43	93	0.12	8	4R	4H	2W	
154.23	155.75	1.52	1.49	98	0.23	15	4R	4H	2W	
155.75	157.28	1.53	1.39	91	0.64	42	4R	4H	2W	
157.28	158.80	1.52	1.25	82	0.12	8	4R	4H	2W	
158.80	160.32	1.52	1.27	84	0.00	0	4R	3H	2W	
160.32	161.85	1.53	1.21	79	0.30	20	3R	3H	1W	
161.85	163.37	1.52	1.49	98	0.52	34	3R	3H	1W	
163.37	164.90	1.53	1.43	93	0.15	10	3R	4H	2W	
164.90	166.42	1.52	1.3	86	0.24	16	3R	4H	2W	
166.42	167.94	1.52	1.3	86	0.00	0	4R	3H	3W	
167.94	169.47	1.53	1.52	99	0.44	29	4R	4H	2W	
169.47	170.99	1.52	1.46	96	0.31	20	4R	4H	2W	
170.99	172.52	1.53	1.4	92	0.66	43	4R	4H	2W	
172.52	174.04	1.52	1.46	96	0.10	7	4R	4H	2W	
174.04	175.56	1.52	1.32	87	0.00	0	3R	4H	2W	
175.56	177.09	1.53	1.3	85	0.51	33	4R	3H	2W	
177.09	178.61	1.52	1.5	99	0.88	58	4R	3H	2W	
178.61	180.14	1.53	1.46	95	0.39	25	4R	3H	3W	
180.14	181.66	1.52	1.44	95	0.30	20	4R	3H	2W	
181.66	183.18	1.52	1.35	89	0.17	11	4R	3H	2W	
183.18	184.71	1.53	1.47	96	0.00	0	3R	3H	3W	
184.71	186.23	1.52	1.43	94	0.13	9	3R	3H	3W	
186.23	187.76	1.53	1.38	90	0.21	14	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
187.76	189.28	1.52	1.48	97	0.20	13	4R	4H	1W	
189.28	190.80	1.52	1.5	99	0.40	26	4R	4H	3W	
190.80	192.33	1.53	1.38	90	0.00	0	4R	4H	3W	
192.33	193.85	1.52	1.32	87	0.11	7	4R	4H	3W	
193.85	195.38	1.53	1.38	90	0.18	12	4R	4H	2W	
195.38	196.90	1.52	1.38	91	0.54	36	4R	4H	2W	
196.90	198.42	1.52	1.3	86	0.00	0	4R	4H	3W	
198.42	199.95	1.53	1.21	79	0.14	9	4R	3H	3W	
199.95	201.47	1.52	1.2	79	0.10	7	4R	4H	2W	
201.47	203.00	1.53	1.24	81	0.00	0	4R	4H	2W	
203.00	204.52	1.52	1.28	84	0.00	0	4R	4H	3W	
204.52	206.04	1.52	1.42	93	0.45	30	2R	3H	3W	
206.04	207.57	1.53	1.5	98	0.12	8	4R	4H	3W	
207.57	209.09	1.52	1.25	82	0.00	0	4R	3H	3W	
209.09	210.62	1.53	1.51	99	0.10	7	3R	4H	2W	
210.62	212.14	1.52	1.49	98	0.34	22	3R	4H	2W	
212.14	213.66	1.52	1.39	91	0.00	0	2R	3H	2W	
213.66	215.19	1.53	1.36	89	0.14	9	2R	3H	3W	
215.19	216.71	1.52	1.5	99	0.34	22	2R	3H	3W	
216.71	218.24	1.53	1.42	93	0.41	27	1R	2H	3W	
218.24	219.76	1.52	1.52	100	0.35	23	1R	2H	3W	

Sample Log

OS -13-206

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M399856	13-019			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399769	13-014			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399788	13-014		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399794	13-018			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399807	13-018		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399814	13-018		CS4	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399819	13-018			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399838	13-019		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399843	13-019			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399850	13-019		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399764	13-014		CS1	☐	☐	☐
3.35	6.40	3.05	OVB, LST	1.54	50	M399762	13-014			☐	☐	☐
6.40	9.45	3.05	LST	2.37	78	M399763	13-014			☐	☐	☐
9.45	12.50	3.05	LST	2.58	85	M399765	13-014			☐	☐	☐
12.50	15.54	3.04	LST	2.77	91	M399766	13-014			☐	☐	☐
15.54	18.59	3.05	LST	2.89	95	M399767	13-014			☐	☐	☐
18.59	21.64	3.05	LST	2.42	79	M399768	13-014			☐	☐	☐
21.64	24.69	3.05	LST	0.60	20	M399770	13-014			☐	☐	☐
24.69	27.74	3.05	LST	2.37	78	M399771	13-014			☐	☐	☐
27.74	30.78	3.04	LST	2.44	80	M399772	13-014			☐	☐	☐
30.78	33.83	3.05	LST	0.48	16	M399773	13-014			☐	☐	☐
33.83	36.88	3.05	LST	2.10	69	M399774	13-014			☐	☐	☐
33.83	36.88	3.05	LST	2.10	69	M399775	13-014			☐	☐	☑
36.88	39.93	3.05	LST	2.79	91	M399776	13-014			☐	☐	☐
39.93	42.98	3.05	LST	2.58	85	M399777	13-014			☐	☐	☐
42.98	46.02	3.04	LST	1.82	60	M399778	13-014			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
46.02	49.07	3.05	LST, MST	2.93	96	M399779	13-014			☐	☐	☐
49.07	52.12	3.05	LST	3.02	99	M399780	13-014			☐	☐	☐
52.12	55.17	3.05	LST	2.84	93	M399781	13-014			☐	☐	☐
52.12	55.17	3.05	LST	2.84	93	M399782	13-014			☐	☑	☐
55.17	58.22	3.05	MST	2.68	88	M399783	13-014			☐	☐	☐
58.22	61.26	3.04	MST	1.84	61	M399784	13-014			☐	☐	☐
61.26	64.31	3.05	DST	2.61	86	M399785	13-014			☐	☐	☐
64.31	67.36	3.05	DST	2.66	87	M399786	13-014			☐	☐	☐
67.36	70.41	3.05	DST	2.63	86	M399787	13-014			☐	☐	☐
70.41	73.46	3.05	DST	2.54	83	M399789	13-014		CS1	☐	☐	☐
73.46	75.10	1.64	DST	1.57	96	M399790	13-018			☐	☐	☐
75.10	76.93	1.83	DST	1.83	100	M399791	13-018			☐	☐	☐
76.93	79.17	2.24	MST	2.24	100	M399792	13-018			☐	☐	☐
79.17	81.08	1.91	MST, DST	1.91	100	M399793	13-018			☐	☐	☐
81.08	84.12	3.04	DST	2.84	93	M399795	13-018			☐	☐	☐
84.12	87.17	3.05	DST	2.89	95	M399796	13-018			☐	☐	☐
87.17	90.22	3.05	DST	2.45	80	M399797	13-018			☐	☐	☐
90.22	93.27	3.05	DST	1.96	64	M399798	13-018			☐	☐	☐
93.27	94.79	1.52	DST	1.30	86	M399799	13-018			☐	☐	☐
94.79	96.66	1.87	DST	1.81	97	M399800	13-018			☐	☐	☐
94.79	96.66	1.87	DST	1.81	97	M399801	13-018			☐	☐	☑
96.66	99.36	2.70	LST, DST	2.66	99	M399802	13-018			☐	☐	☐
99.36	100.89	1.53	LST	1.48	97	M399803	13-018			☐	☐	☐
100.89	103.94	3.05	LST	2.89	95	M399804	13-018			☐	☐	☐
103.94	106.98	3.04	LST	2.20	72	M399805	13-018			☐	☐	☐
106.98	110.03	3.05	LST	2.60	85	M399806	13-018			☐	☐	☐
110.03	113.08	3.05	LST	2.60	85	M399808	13-018			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
113.08	116.13	3.05	LST	2.62	86	M399809	13-018			☐	☐	☐
116.13	117.65	1.52	LST	1.40	92	M399810	13-018			☐	☐	☐
117.65	120.70	3.05	LST	2.88	94	M399811	13-018			☐	☐	☐
120.70	123.75	3.05	LST	2.51	82	M399812	13-018			☐	☐	☐
123.75	126.69	2.94	LST	1.49	51	M399813	13-018			☐	☐	☐
126.69	127.75	1.06	LST	1.06	100	M399815	13-018			☐	☐	☐
127.75	128.32	0.57	LST, LST	0.57	100	M399816	13-018			☐	☐	☐
128.32	129.84	1.52	LST	1.44	95	M399817	13-018			☐	☐	☐
129.84	131.37	1.53	LST	1.24	81	M399818	13-018			☐	☐	☐
131.37	133.29	1.92	LST	1.78	93	M399820	13-018			☐	☐	☐
133.29	135.94	2.65	LST, LST	2.33	88	M399821	13-018			☐	☐	☐
135.94	138.99	3.05	LST	2.63	86	M399822	13-018			☐	☐	☐
138.99	142.04	3.05	LST	2.60	85	M399823	13-018			☐	☐	☐
142.04	145.08	3.04	LST	2.50	82	M399824	13-018			☐	☐	☐
142.04	145.08	3.04	LST	2.50	82	M399825	13-018			☐	☑	☐
145.08	148.13	3.05	LST	2.63	86	M399826	13-019			☐	☐	☐
148.13	151.18	3.05	LST	2.79	91	M399827	13-019			☐	☐	☐
151.18	154.23	3.05	LST	2.88	94	M399828	13-019			☐	☐	☐
154.23	157.28	3.05	LST	2.88	94	M399829	13-019			☐	☐	☐
157.28	160.32	3.04	LST	2.52	83	M399830	13-019			☐	☐	☐
160.32	163.37	3.05	LST	2.70	89	M399831	13-019			☐	☐	☐
160.32	163.37	3.05	LST	2.70	89	M399832	13-019			☐	☑	☐
163.37	166.42	3.05	LST	2.73	90	M399833	13-019			☐	☐	☐
166.42	169.47	3.05	LST	2.52	83	M399834	13-019			☐	☐	☐
169.47	172.52	3.05	LST	2.86	94	M399835	13-019			☐	☐	☐
172.52	175.56	3.04	LST	2.78	91	M399836	13-019			☐	☐	☐
175.56	178.61	3.05	LST	2.80	92	M399837	13-019			☐	☐	☐
178.61	181.66	3.05	LST	2.90	95	M399839	13-019			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
181.66	184.71	3.05	LST	2.82	92	M399840	13-019			☐	☐	☐
184.71	187.76	3.05	LST	2.81	92	M399841	13-019			☐	☐	☐
187.76	190.80	3.04	LST	2.98	98	M399842	13-019			☐	☐	☐
190.80	193.85	3.05	LST	2.70	89	M399844	13-019			☐	☐	☐
193.85	196.90	3.05	LST	2.76	90	M399845	13-019			☐	☐	☐
196.90	199.95	3.05	LST	2.51	82	M399846	13-019			☐	☐	☐
199.95	203.00	3.05	LST	2.44	80	M399847	13-019			☐	☐	☐
203.00	206.04	3.04	LST	2.70	89	M399848	13-019			☐	☐	☐
206.04	209.09	3.05	LST	2.75	90	M399849	13-019			☐	☐	☐
209.09	210.62	1.53	LST	1.51	99	M399851	13-019			☐	☐	☐
210.62	212.14	1.52	LST	1.49	98	M399852	13-019			☐	☐	☐
212.14	213.66	1.52	LST	1.39	91	M399853	13-019			☐	☐	☐
213.66	216.71	3.05	MST	1.86	61	M399854	13-019			☐	☐	☐
216.71	219.76	3.05	MST	1.94	64	M399855	13-019			☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629065	7111519	1501.69	313.95

ZONE: Isis East

SECTION: IE100aE

HOLE: OS -13-207

CLAIM: Sten 39

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jul 08 - Jul 11, 2013

Geology Logged By: M. Pultz

SURVEY			
Depth (m)	Azimuth	Dip	Method
51.81	26.12	-51.1	Reflex
310.89	22.92	-57.1	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.34	1.34	OVB
1.34	78.25	76.91	LST
78.25	123.6	45.35	DMT
123.6	176.38	52.78	DST
176.38	306.91	130.53	LST
306.91	313.95	7.04	MST

SAMPLES	
Numbers:	M397724 to M397787, N831389 to N831410, N831415 to N831421
Total:	93
Batch:	020, 023, C04
Certificates:	WH13130960, WH13131717, WH13131718

COMMENTS
Hole shutdown in barren O-LST1

OS -13-207

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.34	1.34	OVB	--	Casing no recovery							
						--	--	---	---	--	--	0
1.34	78.25	76.91	LST	MG	Bedded limestone with limey siltstone interbeds.							
									CLY	2I		
						MD	GY	BD	OXI	2I	Py	0.5
78.25	123.60	45.35	DMT	FG	Diamictite with clasts up to 4cm comprised of limestone, mudstone, and dolostone, hosted between two green variably silty mudstone horizons.							
						MD	GN	MA				
						MD	GY	BD	ASO	1I	Py	0.5
123.60	176.38	52.78	DST	FG	Dolostone, bedded to crackle brecciated, with zone of mineralization associated with faulting.							
											Om	0.5
									OXI	1I	Re	0.5
						MD	GY	BD	ASO	1I	Py	0.5
176.38	306.91	130.53	LST	FG	Bedded limestone with interbeds of variably limey siltstone and mudstone							
									ASO	1I		
						MD	GY	BD	DCA	1I	Re	0.5
306.91	313.95	7.04	MST	FG	Bedded green mudstone with silty mudstone interbeds							
						MD	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.34	1.34	0	0	0.00	0	--	--	--	Casing No Recovery
1.34	1.52	0.18	0	0	0.00	0	3R	2H	4W	
1.52	3.05	1.53	0.81	53	0.00	0	4R	2H	3W	
3.05	4.57	1.52	1.1	72	0.00	0	4R	2H	3W	
4.57	6.10	1.53	1.2	78	0.00	0	4R	3H	3W	
6.10	7.62	1.52	1.4	92	0.00	0	4R	3H	2W	
7.62	9.14	1.52	1.5	99	0.00	0	4R	4H	2W	
9.14	10.67	1.53	1.06	69	0.00	0	4R	3H	1W	
10.67	12.19	1.52	1.38	91	0.00	0	4R	3H	1W	
12.19	13.72	1.53	1.28	84	0.17	11	4R	3H	1W	
13.72	15.24	1.52	1.48	97	0.25	16	4R	4H	1W	
15.24	16.76	1.52	1.5	99	0.25	16	4R	4H	1W	
16.76	18.29	1.53	1.23	80	0.00	0	4R	4H	1W	
18.29	19.82	1.53	1.42	93	0.00	0	4R	4H	1W	
19.82	21.34	1.52	1.37	90	0.14	9	4R	4H	1W	
21.34	22.86	1.52	1.48	97	0.41	27	4R	4H	1W	
22.86	24.38	1.52	1.34	88	0.39	26	4R	4H	1W	
24.38	25.91	1.53	1.52	99	0.14	9	4R	4H	1W	
25.91	27.43	1.52	1.21	80	0.00	0	4R	4H	1W	
27.43	28.96	1.53	1.26	82	0.00	0	4R	4H	1W	
28.96	30.48	1.52	1.44	95	0.00	0	4R	4H	1W	
30.48	32.00	1.52	1.34	88	0.10	7	4R	4H	1W	
32.00	33.53	1.53	1.38	90	0.00	0	4R	4H	1W	
33.53	35.05	1.52	1.26	83	0.00	0	4R	4H	1W	
35.05	36.58	1.53	1.29	84	0.24	16	4R	4H	1W	
36.58	38.10	1.52	1.25	82	0.00	0	4R	4H	1W	
38.10	39.62	1.52	1.3	86	0.00	0	4R	4H	1W	
39.62	41.15	1.53	1.43	93	0.13	8	4R	4H	1W	
41.15	42.67	1.52	1.26	83	0.00	0	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
42.67	44.20	1.53	1.39	91	0.00	0	4R	4H	1W	
44.20	45.72	1.52	1.27	84	0.25	16	4R	4H	1W	
45.72	47.24	1.52	1.34	88	0.11	7	4R	4H	1W	
47.24	48.77	1.53	1.38	90	0.49	32	4R	4H	1W	
48.77	50.29	1.52	1.32	87	0.36	24	4R	4H	1W	
50.29	51.82	1.53	1.36	89	0.37	24	4R	4H	1W	
51.82	53.34	1.52	1.43	94	0.22	14	4R	4H	1W	
53.34	54.86	1.52	1.15	76	0.00	0	4R	4H	1W	
54.86	56.39	1.53	1.46	95	0.40	26	4R	4H	1W	
56.39	57.91	1.52	1.25	82	0.30	20	2R	4H	1W	
57.91	59.44	1.53	1.4	92	0.00	0	2R	4H	1W	
59.44	60.96	1.52	1.3	86	0.00	0	2R	4H	1W	
60.96	62.84	1.88	1.4	74	0.34	18	3R	4H	1W	
62.84	64.01	1.17	1.16	99	0.25	21	4R	4H	1W	
64.01	65.53	1.52	1.32	87	0.38	25	4R	4H	1W	
65.53	67.06	1.53	0.99	65	0.15	10	4R	4H	2W	
67.06	68.58	1.52	1.19	78	0.19	13	4R	4H	1W	
68.58	70.10	1.52	1.4	92	0.34	22	4R	4H	1W	
70.10	71.63	1.53	1.52	99	0.23	15	4R	4H	1W	
71.63	73.15	1.52	1.35	89	0.51	34	4R	4H	1W	
73.15	74.68	1.53	1.42	93	0.15	10	4R	3H	1W	
74.68	76.20	1.52	1.38	91	0.31	20	4R	4H	1W	
76.20	77.72	1.52	1.49	98	0.12	8	4R	3H	1W	
77.72	79.25	1.53	1.02	67	0.21	14	4R	3H	1W	
79.25	80.77	1.52	1	66	0.15	10	1R	3H	2W	
80.77	82.30	1.53	1.49	97	0.22	14	1R	3H	1W	
82.30	83.82	1.52	1.3	86	0.14	9	1R	3H	1W	
83.82	85.34	1.52	1.38	91	0.15	10	1R	3H	1W	
85.34	86.87	1.53	1.51	99	0.96	63	4R	3H	1W	
86.87	88.39	1.52	1.32	87	0.14	9	0R	3H	2W	
88.39	89.92	1.53	1.52	99	0.70	46	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.92	91.44	1.52	1.52	100	1.13	74	0R	3H	1W	
91.44	92.96	1.52	1.51	99	1.06	70	0R	3H	1W	
92.96	94.49	1.53	1.48	97	0.41	27	0R	3H	1W	
94.49	96.01	1.52	1.48	97	0.90	59	0R	3H	1W	
96.01	97.54	1.53	1.48	97	1.13	74	4R	3H	1W	
97.54	99.06	1.52	1.51	99	0.96	63	4R	3H	1W	
99.06	100.58	1.52	1.4	92	1.28	84	4R	3H	1W	
100.58	102.11	1.53	1.53	100	1.49	97	4R	3H	1W	
102.11	103.63	1.52	1.31	86	0.61	40	4R	3H	1W	
103.63	105.16	1.53	1.26	82	0.00	0	4R	4H	1W	
105.16	106.68	1.52	1.52	100	1.25	82	4R	4H	1W	
106.68	108.20	1.52	1.52	100	1.31	86	4R	4H	1W	
108.20	109.73	1.53	1.53	100	1.09	71	4R	4H	1W	
109.73	111.25	1.52	1.52	100	1.04	68	4R	4H	1W	
111.25	112.78	1.53	1.21	79	0.32	21	4R	4H	1W	
112.78	114.30	1.52	1.51	99	1.05	69	2R	3H	1W	
114.30	115.82	1.52	1.39	91	0.74	49	2R	3H	1W	
115.82	117.35	1.53	1.31	86	0.25	16	2R	3H	1W	
117.35	118.87	1.52	1.16	76	0.27	18	2R	3H	2W	
118.87	120.40	1.53	1.3	85	0.36	24	2R	4H	2W	
120.40	121.92	1.52	1.35	89	0.00	0	2R	3H	1W	
121.92	123.44	1.52	1.4	92	0.67	44	2R	3H	2W	
123.44	124.97	1.53	1.5	98	0.97	63	2R	4H	1W	
124.97	126.49	1.52	1.5	99	0.94	62	2R	3H	2W	
126.49	128.02	1.53	1.51	99	1.24	81	2R	4H	1W	
128.02	129.54	1.52	1.48	97	0.84	55	2R	4H	1W	
129.54	131.06	1.52	1.44	95	0.71	47	3R	4H	1W	
131.06	132.59	1.53	1.32	86	0.84	55	2R	4H	1W	
132.59	134.11	1.52	1.38	91	0.36	24	3R	4H	1W	
134.11	135.64	1.53	1.25	82	0.37	24	2R	4H	1W	
135.64	137.16	1.52	1.37	90	0.32	21	2R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
137.16	138.68	1.52	1.47	97	0.51	34	2R	4H	1W	
138.68	140.21	1.53	1.49	97	0.69	45	2R	4H	1W	
140.21	141.73	1.52	1.44	95	0.41	27	2R	4H	1W	
141.73	143.26	1.53	1.43	93	0.65	42	2R	4H	2W	
143.26	144.78	1.52	1.42	93	0.79	52	2R	4H	1W	
144.78	146.30	1.52	1.42	93	1.13	74	3R	4H	1W	
146.30	147.83	1.53	1.51	99	0.91	59	2R	4H	1W	
147.83	149.35	1.52	1.4	92	0.95	63	2R	4H	1W	
149.35	150.88	1.53	1.46	95	0.67	44	2R	4H	1W	
150.88	152.40	1.52	1.2	79	0.69	45	2R	4H	2W	
152.40	153.92	1.52	1.44	95	0.89	59	2R	4H	2W	
153.92	155.45	1.53	1.51	99	0.42	27	3R	4H	1W	
155.45	156.97	1.52	1.47	97	0.22	14	3R	4H	1W	
156.97	158.50	1.53	1.27	83	0.33	22	3R	4H	1W	
158.50	160.02	1.52	1.39	91	0.15	10	2R	4H	2W	
160.02	161.54	1.52	1.42	93	0.50	33	2R	4H	2W	
161.54	163.07	1.53	1.51	99	0.19	12	2R	4H	2W	
163.07	164.60	1.53	1.26	82	0.56	37	2R	3H	3W	
164.60	166.12	1.52	1.5	99	0.18	12	2R	3H	1W	
166.12	167.64	1.52	1.48	97	0.45	30	2R	3H	1W	
167.64	169.16	1.52	1.5	99	0.36	24	2R	4H	1W	
169.16	170.69	1.53	1.36	89	0.91	59	2R	3H	1W	
170.69	172.21	1.52	1.51	99	0.98	64	2R	4H	1W	
172.21	173.74	1.53	1.41	92	0.97	63	2R	3H	1W	
173.74	175.26	1.52	1.51	99	1.04	68	2R	3H	1W	
175.26	176.78	1.52	1.33	88	0.33	22	4R	3H	2W	
176.78	178.31	1.53	1.51	99	0.37	24	2R	3H	1W	
178.31	179.83	1.52	1.5	99	1.11	73	4R	4H	1W	
179.83	181.36	1.53	1.35	88	0.97	63	4R	4H	1W	
181.36	182.88	1.52	1.37	90	0.50	33	4R	3H	1W	
182.88	184.40	1.52	1.33	88	0.49	32	2R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
184.40	185.93	1.53	1.34	88	0.30	20	4R	4H	2W	
185.93	187.45	1.52	1.51	99	1.08	71	4R	3H	1W	
187.45	188.98	1.53	1.2	78	0.46	30	4R	3H	1W	
188.98	190.50	1.52	1.41	93	0.80	53	4R	3H	1W	
190.50	192.02	1.52	1.52	100	0.70	46	4R	3H	1W	
192.02	193.55	1.53	1.52	99	0.50	33	4R	4H	1W	
193.55	195.07	1.52	1.49	98	0.75	49	4R	4H	1W	
195.07	196.60	1.53	1.51	99	1.06	69	3R	3H	1W	
196.60	198.12	1.52	1.51	99	1.00	66	3R	3H	1W	
198.12	199.64	1.52	1.5	99	1.06	70	4R	4H	1W	
199.64	201.17	1.53	1.5	98	0.31	20	4R	4H	2W	
201.17	202.70	1.53	1.3	85	0.89	58	4R	3H	1W	
202.70	204.22	1.52	1.28	84	0.69	45	4R	4H	2W	
204.22	205.74	1.52	1.49	98	0.79	52	4R	4H	1W	
205.74	207.26	1.52	1.46	96	0.56	37	4R	4H	3W	
207.26	208.79	1.53	1.48	97	0.64	42	4R	3H	2W	
208.79	210.31	1.52	1.47	97	0.60	39	4R	3H	3W	
210.31	211.84	1.53	1.42	93	0.84	55	4R	4H	3W	
211.84	213.36	1.52	1.43	94	0.69	45	4R	4H	1W	
213.36	214.89	1.53	1.44	94	1.25	82	4R	4H	1W	
214.89	216.41	1.52	1.49	98	0.95	63	4R	4H	1W	
216.41	217.93	1.52	1.44	95	0.22	14	4R	3H	2W	
217.93	219.46	1.53	1.45	95	0.71	46	4R	4H	2W	
219.46	220.98	1.52	1.39	91	0.49	32	4R	4H	3W	
220.98	222.50	1.52	1.26	83	0.12	8	4R	4H	2W	
222.50	224.03	1.53	1.5	98	0.12	8	4R	3H	2W	
224.03	225.55	1.52	1.44	95	0.55	36	2R	3H	2W	
225.55	227.08	1.53	1.48	97	0.58	38	3R	3H	2W	
227.08	228.60	1.52	1.39	91	0.72	47	2R	3H	3W	
228.60	230.12	1.52	1.49	98	0.37	24	3R	3H	2W	
230.12	231.65	1.53	1.34	88	0.77	50	3R	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
231.65	233.17	1.52	1.42	93	0.24	16	3R	3H	2W	
233.17	234.70	1.53	1.51	99	0.44	29	3R	3H	1W	
234.70	236.22	1.52	1.31	86	0.27	18	4R	3H	1W	
236.22	237.74	1.52	1.4	92	0.67	44	3R	3H	1W	
237.74	239.27	1.53	1.47	96	0.36	24	4R	3H	2W	
239.27	240.79	1.52	1.47	97	0.79	52	4R	4H	2W	
240.79	242.32	1.53	1.52	99	0.85	56	4R	4H	2W	
242.32	243.84	1.52	1.5	99	0.70	46	4R	3H	1W	
243.84	245.36	1.52	1.51	99	0.41	27	4R	3H	1W	
245.36	246.89	1.53	1.41	92	0.98	64	4R	3H	1W	
246.89	248.41	1.52	1.46	96	0.13	9	4R	4H	1W	
248.41	249.94	1.53	1.37	90	0.12	8	4R	4H	1W	
249.94	251.47	1.53	1.51	99	0.60	39	4R	4H	1W	
251.47	252.99	1.52	1.35	89	0.50	33	4R	4H	1W	
252.99	254.51	1.52	1.34	88	0.42	28	4R	4H	2W	
254.51	256.03	1.52	1.43	94	0.22	14	4R	4H	2W	
256.03	257.56	1.53	1.18	77	0.45	29	4R	4H	2W	
257.56	259.08	1.52	1.51	99	0.59	39	4R	4H	1W	
259.08	260.60	1.52	1.48	97	0.28	18	4R	4H	2W	
260.60	262.12	1.52	1.36	89	0.00	0	4R	3H	1W	
262.12	263.65	1.53	1.23	80	0.13	8	4R	3H	2W	
263.65	265.18	1.53	1.39	91	0.59	39	4R	3H	1W	
265.18	266.70	1.52	1.38	91	0.11	7	4R	3H	1W	
266.70	268.22	1.52	1.51	99	0.79	52	3R	3H	1W	
268.22	269.75	1.53	1.45	95	0.45	29	3R	4H	1W	
269.75	271.27	1.52	1.51	99	0.29	19	3R	4H	1W	
271.27	272.80	1.53	1.49	97	0.28	18	3R	3H	1W	
272.80	274.32	1.52	1.4	92	0.36	24	3R	3H	2W	
274.32	275.84	1.52	1.42	93	0.00	0	3R	3H	3W	
275.84	277.37	1.53	1.41	92	0.34	22	3R	3H	2W	
277.37	278.90	1.53	1.52	99	0.44	29	2R	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
278.90	280.42	1.52	1.42	93	0.79	52	3R	4H	1W	
280.42	281.94	1.52	1.5	99	1.15	76	2R	3H	1W	
281.94	283.46	1.52	1.43	94	1.24	82	2R	3H	1W	
283.46	284.99	1.53	1.49	97	1.23	80	3R	3H	1W	
284.99	286.51	1.52	1.5	99	0.18	12	4R	4H	1W	
286.51	288.04	1.53	1.51	99	1.07	70	3R	3H	1W	
288.04	289.56	1.52	1.38	91	1.29	85	3R	3H	1W	
289.56	291.08	1.52	1.44	95	1.05	69	3R	3H	1W	
291.08	292.61	1.53	1.35	88	0.00	0	3R	4H	1W	
292.61	294.13	1.52	1.5	99	1.03	68	3R	4H	1W	
294.13	295.66	1.53	1.43	93	1.20	78	3R	4H	1W	
295.66	297.18	1.52	1.43	94	0.78	51	3R	4H	1W	
297.18	298.70	1.52	1.41	93	0.86	57	3R	3H	1W	
298.70	300.23	1.53	1.52	99	1.13	74	3R	3H	1W	
300.23	301.75	1.52	1.43	94	0.88	58	3R	3H	1W	
301.75	303.28	1.53	1.46	95	0.55	36	3R	4H	1W	
303.28	304.80	1.52	1.51	99	1.25	82	3R	4H	1W	
304.80	306.32	1.52	1.4	92	0.33	22	2R	3H	1W	
306.32	307.85	1.53	1.3	85	0.79	52	2R	3H	1W	
307.85	309.37	1.52	1.44	95	1.24	82	2R	3H	1W	
309.37	310.90	1.53	1.23	80	0.00	0	2R	4H	1W	
310.90	312.42	1.52	1.46	96	1.06	70	2R	4H	1W	
312.42	313.95	1.53	1.29	84	0.94	61	2R	4H	1W	

OS -13-207

Nadaleen
Isis East Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M397740	13-020		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397743	13-020			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397759	13-020			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397765	13-023		CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397772	13-023			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397728	13-020		CS1	☐	☐	☐
1.34	4.57	3.23	LST, OVB	2.04	63	N831389	13-C04	Chip		☐	☐	☐
4.57	10.67	6.10	LST	5.16	85	N831390	13-C04	Chip		☐	☐	☐
10.67	16.76	6.09	LST	5.64	93	N831391	13-C04	Chip		☐	☐	☐
16.76	22.86	6.10	LST	5.50	90	N831392	13-C04	Chip		☐	☐	☐
22.86	28.96	6.10	LST	5.33	87	N831393	13-C04	Chip		☐	☐	☐
28.96	35.05	6.09	LST	5.42	89	N831394	13-C04	Chip		☐	☐	☐
35.05	41.15	6.10	LST	5.27	86	N831395	13-C04	Chip		☐	☐	☐
41.15	47.24	6.09	LST	5.17	85	N831396	13-C04	Chip		☐	☐	☐
47.24	53.34	6.10	LST	5.49	90	N831397	13-C04	Chip		☐	☐	☐
53.34	59.44	6.10	LST	5.26	86	N831398	13-C04	Chip		☐	☐	☐
59.44	65.53	6.09	LST	5.60	92	N831399	13-C04	Chip		☐	☐	☐
65.53	71.63	6.10	LST	5.10	84	N831400	13-C04	Chip		☐	☐	☐
71.63	74.68	3.05	LST	3.05	100	N831401	13-C04	Chip		☐	☐	☐
74.68	78.25	3.57	LST	3.22	90	N831402	13-C04	Chip		☐	☐	☐
78.25	83.82	5.57	LST, DMT	5.50	99	N831403	13-C04	Chip		☐	☐	☐
83.82	89.92	6.10	DMT	5.61	92	N831404	13-C04	Chip		☐	☐	☐
89.92	96.01	6.09	DMT	5.99	98	N831405	13-C04	Chip		☐	☐	☐
96.01	102.11	6.10	DMT	5.92	97	N831406	13-C04	Chip		☐	☐	☐
102.11	108.20	6.09	DMT	5.61	92	N831407	13-C04	Chip		☐	☐	☐
108.20	114.30	6.10	DMT	5.79	95	N831408	13-C04	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
114.30	118.87	4.57	DMT	4.02	88	N831409	13-C04	Chip		☐	☐	☐
118.87	121.92	3.05	DMT	2.70	89	N831410	13-C04	Chip		☐	☐	☐
121.92	123.60	1.68	DMT	1.47	88	M397724	13-020			☐	☐	☐
123.60	126.49	2.89	DST, DMT	2.89	100	M397725	13-020			☐	☐	☐
126.49	129.54	3.05	DST	2.99	98	M397726	13-020			☐	☐	☐
129.54	132.59	3.05	DST	2.76	90	M397727	13-020			☐	☐	☐
132.59	135.64	3.05	DST	2.63	86	M397729	13-020			☐	☐	☐
135.64	138.68	3.04	DST	2.84	93	M397730	13-020			☐	☐	☐
135.64	138.68	3.04	DST	2.84	93	M397731	13-020			☐	☑	☐
138.68	141.73	3.05	DST	2.85	93	M397732	13-020			☐	☐	☐
141.73	144.78	3.05	DST	2.85	93	M397733	13-020			☐	☐	☐
144.78	147.83	3.05	DST	2.93	96	M397734	13-020			☐	☐	☐
147.83	150.88	3.05	DST	2.86	94	M397735	13-020			☐	☐	☐
147.83	150.88	3.05	DST	2.86	94	M397736	13-020			☐	☐	☑
150.88	153.92	3.04	DST	2.64	87	M397737	13-020			☐	☐	☐
153.92	156.97	3.05	DST	2.98	98	M397738	13-020			☐	☐	☐
156.97	160.02	3.05	DST	2.66	87	M397739	13-020			☐	☐	☐
160.02	162.94	2.92	DST	2.53	87	M397741	13-020			☐	☐	☐
162.94	165.33	2.39	DST	2.21	92	M397742	13-020			☐	☐	☐
165.33	167.64	2.31	DST	2.30	100	M397744	13-020			☐	☐	☐
167.64	170.69	3.05	DST	2.86	94	M397745	13-020			☐	☐	☐
170.69	173.74	3.05	DST	2.92	96	M397746	13-020			☐	☐	☐
173.74	176.38	2.64	DST	2.54	96	M397747	13-020			☐	☐	☐
176.38	178.31	1.93	LST, DST	1.93	100	M397748	13-020			☐	☐	☐
178.31	181.36	3.05	LST	2.92	96	M397749	13-020			☐	☐	☐
181.36	184.40	3.04	LST	2.70	89	M397750	13-020			☐	☐	☐
184.40	187.45	3.05	LST	2.85	93	M397751	13-020			☐	☐	☐
187.45	190.50	3.05	LST	2.61	86	M397752	13-020			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
190.50	193.55	3.05	LST	3.04	100	M397753	13-020			☐	☐	☐
193.55	196.60	3.05	LST	3.00	98	M397754	13-020			☐	☐	☐
196.60	199.64	3.04	LST	3.01	99	M397755	13-020			☐	☐	☐
199.64	202.69	3.05	LST	2.80	92	M397756	13-020			☐	☐	☐
202.69	205.74	3.05	LST	2.77	91	M397757	13-020			☐	☐	☐
205.74	208.79	3.05	LST	2.94	96	M397758	13-020			☐	☐	☐
208.79	211.84	3.05	LST	2.89	95	M397760	13-023			☐	☐	☐
211.84	214.89	3.05	LST	2.87	94	M397761	13-023			☐	☐	☐
214.89	217.93	3.04	LST	2.93	96	M397762	13-023			☐	☐	☐
217.93	220.98	3.05	LST	2.84	93	M397763	13-023			☐	☐	☐
220.98	224.03	3.05	LST	2.76	90	M397764	13-023			☐	☐	☐
224.03	227.08	3.05	LST	2.92	96	M397766	13-023			☐	☐	☐
227.08	230.12	3.04	LST	2.81	92	M397767	13-023			☐	☐	☐
230.12	233.17	3.05	LST	2.72	89	M397768	13-023			☐	☐	☐
233.17	236.22	3.05	LST	2.82	92	M397769	13-023			☐	☐	☐
236.22	238.07	1.85	LST	1.85	100	M397770	13-023			☐	☐	☐
238.07	239.80	1.73	LST	1.52	88	M397771	13-023			☐	☐	☐
239.80	242.32	2.52	LST	2.52	100	M397773	13-023			☐	☐	☐
242.32	245.36	3.04	LST	3.01	99	M397774	13-023			☐	☐	☐
245.36	248.41	3.05	LST	2.87	94	M397775	13-023			☐	☐	☐
245.36	248.41	3.05	LST	2.87	94	M397776	13-023			☐	☐	☑
248.41	251.46	3.05	LST	2.88	94	M397777	13-023			☐	☐	☐
251.46	254.51	3.05	LST	2.69	88	M397778	13-023			☐	☐	☐
254.51	257.56	3.05	LST	2.61	86	M397779	13-023			☐	☐	☐
257.56	260.60	3.04	LST	2.99	98	M397780	13-023			☐	☐	☐
260.60	263.65	3.05	LST	2.59	85	M397781	13-023			☐	☐	☐
263.65	266.70	3.05	LST	2.77	91	M397782	13-023			☐	☐	☐
266.70	269.75	3.05	LST	2.96	97	M397783	13-023			☐	☐	☐
269.75	272.80	3.05	LST	3.00	98	M397784	13-023			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
269.75	272.80	3.05	LST	2.83	93	M397785	13-023			☐	☑	☐
272.80	275.84	3.04	LST	2.83	93	M397786	13-023			☐	☐	☐
275.84	278.89	3.05	LST	2.93	96	M397787	13-023			☐	☐	☐
278.89	284.99	6.10	LST	5.84	96	N831415	13-C04	Chip		☐	☐	☐
284.99	291.08	6.09	LST	5.83	96	N831416	13-C04	Chip		☐	☐	☐
291.08	297.18	6.10	LST	5.71	94	N831417	13-C04	Chip		☐	☐	☐
297.18	303.28	6.10	LST	5.82	95	N831418	13-C04	Chip		☐	☐	☐
303.28	306.91	3.63	LST	3.56	98	N831419	13-C04	Chip		☐	☐	☐
306.91	309.37	2.46	LST, MST	2.33	95	N831420	13-C04	Chip		☐	☐	☐
309.37	313.95	4.58	MST	4.58	100	N831421	13-C04	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629611	7112013	1766.03	183.79

ZONE: Sunrise

SECTION: S600E

HOLE: OS -13-208

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jul 07 - Jul 09, 2013

Geology Logged By: N. Bueckert

SURVEY			
Depth (m)	Azimuth	Dip	Method
0.91	341.02	-59.7	Reflex
183.79	348.12	-63.5	Reflex

TARGET: 0

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.7	1.7	OVB
1.7	34.44	32.74	LST
34.44	36.22	1.78	MST
36.22	178.68	142.46	LST
178.68	183.79	5.11	MST

SAMPLES	
Numbers:	M399857 to M399921, N831411 to N831414
Total:	70
Batch:	019, 021, 022, 025, C04
Certificates:	WH13126598, WH13126599, WH13130961, WH13131718, WH13133018

COMMENTS
Hole shutdown in O-MST1

OS -13-208

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.70	1.70	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
1.70	34.44	32.74	LST	MG	Coarse grained crystalline limestone with beef calcite and black limey mud interbeds. Overall, highly fractured or rubbley core that is commonly associated with strain and increase of calcite veining. Iron-arsenic oxide alteration common.							
								XL	ASO	1I		
						DK	GY	BD	OXI	1I	--	0
34.44	36.22	1.78	MST	VF	Fine, palegreen mudstone. Highly strained at top of interval.							
								BD				
						LT	GN	SN	OXI	1I	Py	2
36.22	178.68	142.46	LST	FG	Bedded limestone with minor rudstone and dolostone interbeds with metre-scale zones of deformation and arsenic sulphide mineralization.							
								RD	ASO	2I	Om	50
						MD	GY	BD	OXI	2I	Re	20
178.68	183.79	5.11	MST	FG	Well bedded/laminated. Very minor quartz veining. EOH							
						MD	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.70	1.70	0	0	0.00	0	0R	--	--	No recovery
1.70	2.44	0.74	0.65	88	0.17	23	4R	4H	2W	
2.44	3.96	1.52	1.36	89	0.78	51	4R	4H	2W	
3.96	5.49	1.53	1.36	89	0.34	22	4R	4H	3W	
5.49	7.01	1.52	1.05	69	0.10	7	4R	4H	3W	
7.01	8.53	1.52	1.37	90	0.47	31	4R	4H	3W	
8.53	10.06	1.53	1.33	87	0.58	38	4R	4H	4W	
10.06	11.58	1.52	0.69	45	0.00	0	4R	4H	4W	
11.58	13.11	1.53	1.07	70	0.13	8	4R	4H	4W	
13.11	14.63	1.52	1.15	76	0.59	39	4R	4H	3W	
14.63	16.15	1.52	1.48	97	0.45	30	4R	3H	2W	
16.15	17.68	1.53	1.46	95	0.95	62	4R	4H	2W	
17.68	19.20	1.52	1.46	96	1.12	74	4R	4H	2W	
19.20	20.73	1.53	1.27	83	0.00	0	4R	4H	4W	
20.73	22.25	1.52	1.5	99	0.35	23	4R	3H	3W	
22.25	23.77	1.52	1.4	92	0.37	24	4R	3H	2W	
23.77	25.30	1.53	1.36	89	0.72	47	4R	3H	1W	
25.30	26.82	1.52	1.32	87	0.60	39	4R	3H	1W	
26.82	28.35	1.53	1.37	90	1.05	69	4R	3H	1W	
28.35	29.87	1.52	1.22	80	0.25	16	4R	3H	1W	
29.87	31.39	1.52	1.5	99	0.90	59	4R	3H	1W	
31.39	32.92	1.53	1.39	91	1.26	82	3R	3H	2W	
32.92	34.44	1.52	1.45	95	1.21	80	3R	3H	2W	
34.44	35.97	1.53	1.53	100	1.28	84	0R	3H	2W	
35.97	37.49	1.52	1.31	86	0.51	34	3R	3H	3W	
37.49	39.01	1.52	1.38	91	1.01	66	4R	3H	3W	
39.01	40.54	1.53	1.38	90	0.92	60	4R	4H	2W	
40.54	42.06	1.52	1.48	97	1.26	83	4R	4H	1W	
42.06	43.59	1.53	1.42	93	0.90	59	4R	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
43.59	45.11	1.52	1.37	90	0.88	58	4R	3H	2W	
45.11	46.63	1.52	1.4	92	0.45	30	4R	4H	1W	
46.63	48.16	1.53	1.17	76	0.86	56	1R	4H	1W	
48.16	49.68	1.52	1.52	100	0.93	61	4R	3H	2W	
49.68	51.21	1.53	1.53	100	0.60	39	4R	4H	1W	
51.21	52.73	1.52	1.21	80	0.00	0	4R	4H	1W	very fractured/broken
52.73	54.25	1.52	1.2	79	0.00	0	4R	4H	1W	very fractured/broken
54.25	55.78	1.53	1.18	77	0.59	39	4R	4H	1W	
55.78	57.30	1.52	1.41	93	0.61	40	4R	4H	1W	
57.30	58.83	1.53	1.37	90	1.07	70	4R	4H	1W	
58.83	60.35	1.52	1.52	100	0.60	39	4R	4H	1W	
60.35	61.87	1.52	1.23	81	0.48	32	4R	4H	1W	
61.87	63.40	1.53	1.27	83	0.89	58	4R	4H	1W	
63.40	64.92	1.52	1.49	98	0.41	27	3R	4H	1W	
64.92	66.45	1.53	1.2	78	0.71	46	3R	4H	1W	
66.45	67.97	1.52	1.52	100	1.05	69	4R	4H	1W	
67.97	69.49	1.52	1.48	97	1.06	70	4R	4H	1W	
69.49	71.02	1.53	1.43	93	0.62	41	4R	4H	1W	
71.02	72.54	1.52	1.34	88	0.51	34	4R	4H	1W	
72.54	74.07	1.53	1.53	100	0.53	35	4R	4H	1W	
74.07	75.59	1.52	1.5	99	0.81	53	4R	4H	1W	
75.59	77.11	1.52	1.06	70	0.10	7	4R	4H	1W	rubble
77.11	78.64	1.53	0.76	50	0.00	0	4R	4H	1W	rubble
78.64	80.16	1.52	1.25	82	0.20	13	4R	4H	1W	
80.16	81.69	1.53	1.4	92	0.55	36	4R	4H	1W	block run
81.69	83.21	1.52	1.36	89	0.53	35	4R	4H	1W	
83.21	84.73	1.52	1.18	78	0.72	47	3R	4H	1W	
84.73	86.26	1.53	1.34	88	0.64	42	4R	4H	1W	
86.26	87.78	1.52	1.37	90	1.10	72	4R	4H	1W	
87.78	89.31	1.53	1.36	89	0.94	61	4R	4H	1W	
89.31	90.83	1.52	0.97	64	0.20	13	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
90.83	92.35	1.52	1.52	100	0.86	57	4R	3H	3W	block run
92.35	93.88	1.53	1.17	76	0.38	25	4R	3H	2W	
93.88	95.40	1.52	1.32	87	0.27	18	3R	4H	1W	
95.40	96.93	1.53	1.4	92	0.76	50	3R	4H	1W	
96.93	98.45	1.52	1.46	96	0.41	27	4R	4H	1W	block run
98.45	99.97	1.52	1.3	86	0.71	47	4R	4H	1W	
99.97	101.50	1.53	1.23	80	1.23	80	3R	4H	1W	block run
101.50	103.02	1.52	1.4	92	1.17	77	4R	3H	1W	
103.02	104.55	1.53	1.53	100	1.14	75	4R	4H	1W	
104.55	106.07	1.52	1.52	100	0.79	52	4R	3H	1W	
106.07	107.59	1.52	1.41	93	0.23	15	4R	4H	1W	
107.59	109.12	1.53	1.3	85	0.30	20	4R	4H	1W	
109.12	110.64	1.52	1.06	70	0.25	16	4R	4H	1W	
110.64	112.17	1.53	1.35	88	0.49	32	4R	4H	1W	
112.17	113.69	1.52	1.47	97	0.50	33	4R	4H	1W	
113.69	115.21	1.52	1.26	83	0.55	36	4R	4H	2W	
115.21	116.74	1.53	1.39	91	0.50	33	4R	4H	1W	
116.74	118.26	1.52	1.49	98	0.47	31	4R	4H	1W	
118.26	119.79	1.53	1.4	92	0.12	8	4R	4H	1W	
119.79	121.31	1.52	1.4	92	0.34	22	4R	4H	3W	
121.31	122.83	1.52	1.34	88	0.39	26	4R	4H	1W	
122.83	124.36	1.53	1.5	98	0.55	36	4R	4H	1W	
124.36	125.88	1.52	1.32	87	0.36	24	4R	4H	1W	
125.88	127.41	1.53	1.41	92	0.95	62	4R	4H	1W	
127.41	128.93	1.52	1.45	95	0.72	47	4R	4H	2W	
128.93	130.45	1.52	1.42	93	0.70	46	4R	4H	1W	
130.45	131.98	1.53	1.32	86	0.30	20	4R	4H	1W	
131.98	133.50	1.52	1.52	100	1.19	78	3R	4H	1W	
133.50	135.03	1.53	1.27	83	0.61	40	3R	4H	1W	
135.03	136.55	1.52	1.48	97	1.20	79	4R	4H	1W	
136.55	138.07	1.52	1.52	100	0.66	43	3R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.07	139.60	1.53	1.4	92	0.70	46	3R	4H	1W	
139.60	141.12	1.52	1.52	100	0.55	36	3R	4H	1W	
141.12	142.65	1.53	1.31	86	0.00	0	3R	4H	1W	
142.65	144.17	1.52	1.52	100	0.48	32	3R	4H	1W	
144.17	145.69	1.52	1.37	90	0.82	54	3R	4H	1W	
145.69	147.22	1.53	1.31	86	1.09	71	2R	4H	1W	
147.22	148.74	1.52	1.34	88	0.58	38	2R	4H	1W	
148.74	150.27	1.53	1.27	83	1.03	67	2R	4H	1W	
150.27	151.79	1.52	1.47	97	0.69	45	4R	4H	1W	
151.79	153.31	1.52	1.43	94	1.06	70	4R	4H	1W	
153.31	154.84	1.53	1.34	88	0.65	42	4R	4H	1W	
154.84	156.36	1.52	1.45	95	0.69	45	4R	4H	1W	
156.36	157.89	1.53	1.53	100	0.72	47	4R	4H	1W	Block run
157.89	159.41	1.52	1.41	93	1.02	67	4R	4H	1W	
159.41	160.93	1.52	1.51	99	1.18	78	4R	4H	1W	
160.93	162.46	1.53	1.53	100	1.40	92	3R	4H	1W	
162.46	163.98	1.52	1.52	100	1.38	91	3R	4H	1W	
163.98	165.51	1.53	1.45	95	1.11	73	4R	4H	1W	
165.51	167.03	1.52	1.52	100	1.24	82	4R	4H	1W	
167.03	168.55	1.52	1.32	87	0.41	27	4R	4H	1W	
168.55	170.08	1.53	1.43	93	0.80	52	4R	4H	1W	
170.08	171.60	1.52	1.4	92	0.83	55	4R	4H	1W	
171.60	173.13	1.53	1.46	95	1.27	83	4R	4H	1W	
173.13	174.65	1.52	1.44	95	0.99	65	4R	4H	1W	Block run
174.65	176.17	1.52	1.35	89	0.55	36	4R	4H	1W	
176.17	177.70	1.53	1.51	99	1.24	81	4R	4H	1W	
177.70	179.22	1.52	1.52	100	1.32	87	3R	3H	1W	
179.22	180.75	1.53	1.46	95	1.46	95	0R	3H	1W	
180.75	182.27	1.52	1.48	97	1.43	94	0R	3H	1W	
182.27	183.79	1.52	1.42	93	1.20	79	0R	3H	1W	EOH

Sample Log

OS -13-208

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M399870	13-021			✔		
0.00	0.00	0.00	-QC-	0.00	0	M399882	13-021		CS1			
0.00	0.00	0.00	-QC-	0.00	0	M399895	13-021			✔		
0.00	0.00	0.00	-QC-	0.00	0	M399901	13-022			✔		
0.00	0.00	0.00	-QC-	0.00	0	M399916	13-022		CS1			
0.00	0.00	0.00	-QC-	0.00	0	M399867	13-021		CS2			
1.70	3.96	2.26	LST, OVB	2.01	89	M399857	13-019					
3.96	7.01	3.05	LST	2.41	79	M399858	13-019					
7.01	10.06	3.05	LST	2.70	89	M399859	13-019					
7.01	10.06	3.05	LST	2.70	89	M399860	13-019					✔
10.06	13.11	3.05	LST	1.76	58	M399861	13-019					
13.11	16.15	3.04	LST	2.53	83	M399862	13-021					
16.15	19.20	3.05	LST	2.92	96	M399863	13-021					
19.20	22.25	3.05	LST	2.77	91	M399864	13-021					
22.25	25.30	3.05	LST	2.76	90	M399865	13-021					
25.30	28.35	3.05	LST	2.69	88	M399866	13-021					
28.35	31.39	3.04	LST	2.72	89	M399868	13-021					
31.39	34.44	3.05	LST	2.84	93	M399869	13-021					
34.44	36.22	1.78	LST, MST	1.78	100	M399871	13-021					
36.22	39.26	3.04	MST, LST	2.69	88	M399872	13-021					
39.26	42.06	2.80	LST	2.71	97	M399873	13-021					
42.06	45.11	3.05	LST	2.79	91	M399874	13-021					
45.11	48.16	3.05	LST	2.57	84	M399876	13-021					
45.11	48.16	3.05	LST	2.57	84	M399875	13-021				✔	
48.16	51.21	3.05	LST	3.05	100	M399877	13-021					
51.21	54.25	3.04	LST	2.41	79	M399878	13-021					

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
54.25	57.30	3.05	LST	2.59	85	M399879	13-021			☐	☐	☐
57.30	60.35	3.05	LST	2.89	95	M399880	13-021			☐	☐	☐
60.35	63.40	3.05	LST	2.50	82	M399881	13-021			☐	☐	☐
63.40	66.45	3.05	LST	2.69	88	M399883	13-021			☐	☐	☐
66.45	69.49	3.04	LST	3.00	99	M399884	13-021			☐	☐	☐
69.49	72.54	3.05	LST	2.77	91	M399885	13-021			☐	☐	☐
72.54	75.59	3.05	LST	3.03	99	M399886	13-021			☐	☐	☐
75.59	78.64	3.05	LST	2.82	92	M399887	13-021			☐	☐	☐
75.59	78.64	3.05	LST	2.82	92	M399888	13-021			☐	☐	☑
78.64	81.69	3.05	LST	2.65	87	M399889	13-021			☐	☐	☐
81.69	84.73	3.04	LST	2.54	84	M399890	13-021			☐	☐	☐
84.73	87.78	3.05	LST	2.71	89	M399891	13-021			☐	☐	☐
87.78	89.31	1.53	LST	1.36	89	M399892	13-021			☐	☐	☐
89.31	90.98	1.67	LST	1.31	78	M399893	13-021			☐	☐	☐
90.98	92.65	1.67	LST	1.64	98	M399894	13-021			☐	☐	☐
92.65	94.48	1.83	LST	1.63	89	M399896	13-021			☐	☐	☐
94.48	96.93	2.45	LST	2.32	95	M399897	13-021			☐	☐	☐
96.93	99.11	2.18	LST	2.17	100	M399898	13-022			☐	☐	☐
99.11	101.50	2.39	LST	2.02	85	M399899	13-022			☐	☐	☐
101.50	103.75	2.25	LST	2.25	100	M399900	13-022			☐	☐	☐
103.75	106.07	2.32	LST	2.32	100	M399902	13-022			☐	☐	☐
106.07	109.12	3.05	LST	2.71	89	M399903	13-022			☐	☐	☐
109.12	112.17	3.05	LST	2.41	79	M399904	13-022			☐	☐	☐
112.17	115.21	3.04	LST	2.73	90	M399905	13-022			☐	☐	☐
115.21	118.26	3.05	LST	2.88	94	M399906	13-025			☐	☐	☐
118.26	121.31	3.05	LST	2.80	92	M399907	13-025			☐	☐	☐
121.31	124.36	3.05	LST	2.84	93	M399908	13-025			☐	☐	☐
124.36	127.41	3.05	LST	2.73	90	M399909	13-025			☐	☐	☐
127.41	130.45	3.04	LST	2.87	94	M399910	13-025			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
130.45	133.50	3.05	LST	2.84	93	M399911	13-025			☐	☐	☐
133.50	136.55	3.05	LST	2.75	90	M399912	13-025			☐	☐	☐
136.55	139.60	3.05	LST	2.92	96	M399913	13-025			☐	☐	☐
139.60	142.65	3.05	LST	2.83	93	M399914	13-025			☐	☐	☐
142.65	145.69	3.04	LST	2.88	95	M399915	13-022			☐	☐	☐
145.69	148.74	3.05	LST	2.65	87	M399917	13-022			☐	☐	☐
148.74	151.79	3.05	LST	2.74	90	M399918	13-022			☐	☐	☐
151.79	154.84	3.05	LST	2.77	91	M399919	13-022			☐	☐	☐
154.84	157.89	3.05	LST	2.98	98	M399920	13-022			☐	☐	☐
157.89	160.93	3.04	LST	2.92	96	M399921	13-022			☐	☐	☐
160.93	167.03	6.10	LST	6.02	99	N831411	13-C04	Chip		☐	☐	☐
167.03	173.13	6.10	LST	6.00	98	N831412	13-C04	Chip		☐	☐	☐
173.13	179.22	6.09	LST	6.01	99	N831413	13-C04	Chip		☐	☐	☐
179.22	183.79	4.57	MST	4.36	95	N831414	13-C04	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629643	7112028	1751.47	158.8

ZONE: Sunrise

SECTION: S650E

HOLE: OS -13-209

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 1.52m, Out

Drilling Dates: Jul 10 - Jul 12, 2013

Geology Logged By: J. Chakungal

SURVEY

Depth (m)	Azimuth	Dip	Method
6.4	27.22	-50.4	Reflex
158.8	353.12	-52.4	Reflex

TARGET:

SUMMARY

From (m)	To (m)	Interval (m)	Rock Type
0	2.41	2.41	OVB
2.41	18.59	16.18	LST
18.59	23.46	4.87	MST
23.46	70.41	46.95	LST
70.41	73.46	3.05	LST
73.46	137.5	64.04	LST
137.5	158.8	21.3	MST

SAMPLES

Numbers:	M399922 to M399978, N831422 to N831425
Total:	61
Batch:	022, 024, C04
Certificates:	WH13130961, WH13131718, WH13133019

COMMENTS

Hole shutdown in O-MST1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.41	2.41	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
2.41	18.59	16.18	LST	MG	Medium - coarse grained, crystalline limestone interbedded with beef calcite and minor floatstone. Contact with underlying green-brown mud-siltstone looks to be gradational and pervasively sheared. Rocks in this unit are quite faulted and calcite veined. Clay alteration is associated with fault and shear zones. Iron oxidation most noticable in veins immediately adjacent to wall rocks, could it be oxidation of pyrite?							
						DK	GY	XL				
						--	BK	BD	CLY	3I	--	0
18.59	23.46	4.87	MST	FG	First 1.5 m of interval is intesnely sheared with what looks like C-LST. Bedding is weakly preserved below ~ 20.12m to contact with underlying O-LST1. Brown-green colour dominates below ~ 19.80m							
								BD				
						DK	GY	SN	CLY	4I	--	0
23.46	70.41	46.95	LST	FG	Limestone interbedded and intensely folded with green-grey, non-weakly calcareous mud/siltstone particularly over the first 5.5m immediately downhole of contact with O-DMT. A little bit of realgar mineralization visible along bedding at 55.17m.							
								FO			Om	5
						MD	GY	BD	CLY	3I	Re	5
70.41	73.46	3.05	LST	FG	Mineralized interval. De-calcified and clay altered limestone? Where mineralization is most intense, primary structures are not recognizable. Definitely folded and faulted here. Downhole of mineralization, orpiment and realgar mineralization is visible along bedding and fracture planes.							
								SN			Om	30
						DK	GY	BD	CLY	5I	Re	30
73.46	137.50	64.04	LST	FG	Limestone interbedded/laminated and moderately folded here with non-weakly calcareous silt/mudstone.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	FR	CLY	3I	Om	1
						MD	GY	BD	ASO	3I	Re	1
137.50	158.80	21.30	MST	FG	Noncalcareous, finely laminated/bedded green and maroon mud-siltstone. Grey in colour over first 60 cm downhole of contact. Faulted in a few sections with minor amounts of quartz veining.							
						MD	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.41	2.41	0	0	0.00	0	--	--	--	overburden, no return
2.41	3.35	0.94	0.94	100	0.20	21	4R	4H	1W	
3.35	4.88	1.53	1.09	71	0.28	18	4R	4H	2W	
4.88	6.40	1.52	1.47	97	0.36	24	4R	4H	2W	
6.40	7.92	1.52	1.47	97	0.14	9	4R	4H	2W	
7.92	9.45	1.53	1.53	100	0.77	50	4R	4H	1W	
9.45	10.97	1.52	1.47	97	0.55	36	4R	4H	1W	
10.97	12.50	1.53	1.53	100	1.36	89	4R	4H	1W	
12.50	14.02	1.52	1.52	100	0.56	37	3R	2H	2W	
14.02	15.54	1.52	1.43	94	0.39	26	4R	4H	1W	
15.54	17.07	1.53	1.05	69	0.10	7	4R	4H	4W	gouge
17.07	18.59	1.52	1.37	90	0.64	42	4R	2H	3W	gouge
18.59	20.12	1.53	1.17	76	0.33	22	0R	2H	3W	gouge
20.12	21.64	1.52	1.28	84	0.52	34	0R	3H	1W	
21.64	23.16	1.52	1.33	88	0.94	62	0R	3H	1W	
23.16	24.69	1.53	1.41	92	0.98	64	0R	3H	1W	
24.69	26.21	1.52	1.49	98	1.12	74	3R	4H	1W	
26.21	27.74	1.53	1.43	93	0.89	58	3R	4H	1W	
27.74	29.26	1.52	1.44	95	0.98	64	4R	4H	1W	
29.26	30.78	1.52	1.52	100	1.29	85	4R	4H	1W	
30.78	32.31	1.53	1.46	95	0.74	48	4R	4H	1W	
32.31	33.83	1.52	1.47	97	1.26	83	4R	4H	1W	
33.83	35.36	1.53	1.36	89	0.56	37	4R	4H	1W	
35.36	36.88	1.52	1.39	91	0.92	61	4R	4H	1W	
36.88	38.40	1.52	1.39	91	0.89	59	4R	4H	1W	
38.40	39.93	1.53	1.5	98	1.07	70	4R	4H	1W	
39.93	41.45	1.52	1.4	92	1.12	74	4R	4H	1W	
41.45	42.98	1.53	1.53	100	1.11	73	4R	4H	1W	
42.98	44.50	1.52	1.48	97	0.94	62	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.50	46.02	1.52	1.45	95	1.19	78	4R	4H	1W	
46.02	47.55	1.53	1.35	88	1.09	71	4R	4H	1W	
47.55	49.07	1.52	1.52	100	1.14	75	4R	4H	1W	
49.07	50.60	1.53	1.38	90	0.90	59	4R	4H	1W	
50.60	52.12	1.52	1.33	88	0.81	53	4R	4H	1W	
52.12	53.64	1.52	1.39	91	1.14	75	4R	4H	1W	
53.64	55.17	1.53	1.45	95	1.02	67	4R	4H	1W	
55.17	56.69	1.52	1.36	89	1.22	80	4R	4H	1W	
56.69	58.22	1.53	1.48	97	1.28	84	4R	4H	1W	
58.22	59.74	1.52	1.5	99	1.39	91	4R	4H	1W	
59.74	61.26	1.52	1.46	96	1.10	72	4R	4H	1W	
61.26	62.79	1.53	1.45	95	1.13	74	4R	4H	1W	
62.79	64.31	1.52	1.46	96	0.57	38	4R	4H	1W	
64.31	65.84	1.53	1.28	84	0.32	21	2R	4H	1W	
65.84	67.36	1.52	1.45	95	0.00	0	1R	4H	1W	very fractured
67.36	68.88	1.52	1.44	95	0.00	0	3R	4H	1W	very fractured
68.88	70.41	1.53	1.5	98	0.00	0	3R	4H	3W	very fractured
70.41	71.93	1.52	1.36	89	0.25	16	4R	2H	3W	gouge and fractured
71.93	73.46	1.53	1.36	89	0.30	20	4R	3H	3W	gouge and fractured
73.46	74.98	1.52	1.1	72	0.23	15	4R	4H	1W	fractured
74.98	76.50	1.52	1.49	98	0.72	47	4R	4H	1W	
76.50	78.03	1.53	1.44	94	0.95	62	4R	4H	1W	
78.03	79.55	1.52	1.32	87	0.50	33	4R	4H	1W	
79.55	81.08	1.53	1.27	83	0.44	29	4R	4H	3W	
81.08	82.60	1.52	1.26	83	0.12	8	4R	4H	3W	
82.60	84.12	1.52	1.38	91	0.58	38	4R	4H	3W	
84.12	85.65	1.53	1.53	100	0.71	46	4R	4H	1W	
85.65	87.17	1.52	1.47	97	1.12	74	4R	4H	1W	
87.17	88.70	1.53	1.47	96	0.26	17	4R	4H	1W	
88.70	90.22	1.52	1.52	100	0.10	7	4R	4H	3W	fractured/rubbly
90.22	91.74	1.52	1.4	92	0.67	44	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
91.74	93.27	1.53	1.28	84	0.56	37	4R	4H	1W	
93.27	94.79	1.52	1.52	100	0.26	17	4R	4H	2W	rubbly
94.79	96.32	1.53	1.37	90	1.11	73	4R	4H	1W	
96.32	97.84	1.52	1.35	89	0.52	34	4R	4H	1W	
97.84	99.36	1.52	1.36	89	0.81	53	4R	4H	1W	
99.36	100.89	1.53	1.41	92	1.05	69	3R	4H	1W	
100.89	102.41	1.52	1.43	94	1.08	71	4R	4H	1W	
102.41	103.94	1.53	1.33	87	0.75	49	4R	4H	1W	
103.94	105.46	1.52	1.3	86	0.69	45	4R	4H	1W	
105.46	106.98	1.52	1.4	92	0.27	18	4R	4H	1W	
106.98	108.51	1.53	1.31	86	0.16	10	4R	4H	2W	fractured
108.51	110.03	1.52	1.36	89	0.23	15	4R	4H	1W	fractured
110.03	111.56	1.53	1.17	76	0.11	7	4R	4H	1W	
111.56	113.08	1.52	1.33	88	0.35	23	4R	4H	3W	
113.08	114.60	1.52	1.33	88	0.53	35	4R	4H	3W	gouge
114.60	116.13	1.53	1.48	97	0.54	35	4R	4H	1W	
116.13	117.65	1.52	1.29	85	0.49	32	4R	4H	1W	
117.65	119.18	1.53	1.42	93	0.74	48	4R	4H	1W	
119.18	120.70	1.52	1.49	98	1.12	74	4R	4H	1W	
120.70	122.22	1.52	1.5	99	0.83	55	4R	4H	1W	
122.22	123.75	1.53	1.48	97	1.05	69	4R	4H	1W	
123.75	125.27	1.52	1.35	89	1.07	70	4R	4H	1W	
125.27	126.80	1.53	1.53	100	0.62	41	4R	4H	1W	
126.80	128.32	1.52	1.33	88	0.68	45	4R	4H	1W	block run
128.32	129.84	1.52	1.52	100	0.71	47	4R	4H	1W	
129.84	131.37	1.53	1.37	90	0.28	18	4R	4H	1W	
131.37	132.89	1.52	1.4	92	0.41	27	4R	4H	1W	
132.89	134.42	1.53	1.34	88	0.40	26	4R	4H	1W	
134.42	135.94	1.52	1.38	91	0.84	55	4R	4H	1W	
135.94	137.46	1.52	1.38	91	0.58	38	4R	4H	1W	
137.46	138.99	1.53	1.45	95	0.88	58	2R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.99	140.51	1.52	1.52	100	1.35	89	2R	3H	1W	
140.51	142.04	1.53	1.5	98	1.47	96	2R	3H	1W	
142.04	143.56	1.52	1.5	99	1.40	92	1R	3H	1W	
143.56	145.08	1.52	1.51	99	1.05	69	0R	3H	1W	
145.08	146.61	1.53	1.38	90	1.28	84	0R	3H	1W	
146.61	148.13	1.52	1.31	86	0.62	41	0R	3H	1W	
148.13	149.66	1.53	1.29	84	0.64	42	0R	3H	1W	
149.66	151.18	1.52	1.48	97	0.93	61	0R	3H	1W	
151.18	152.70	1.52	1.35	89	1.11	73	0R	3H	1W	
152.70	154.23	1.53	1.53	100	1.14	75	0R	3H	1W	
154.23	155.75	1.52	1.52	100	1.16	76	0R	3H	1W	
155.75	157.28	1.53	1.53	100	1.00	65	0R	3H	1W	
157.28	158.80	1.52	1.52	100	1.32	87	0R	3H	1W	EOH

OS -13-209

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M399942	13-022			✔		
0.00	0.00	0.00	-QC-	0.00	0	M399951	13-024		CS3			
0.00	0.00	0.00	-QC-	0.00	0	M399953	13-024			✔		
0.00	0.00	0.00	-QC-	0.00	0	M399957	13-024		CS2			
0.00	0.00	0.00	-QC-	0.00	0	M399963	13-024			✔		
0.00	0.00	0.00	-QC-	0.00	0	M399937	13-022		CS1			
2.41	4.88	2.47	OVB, LST	2.07	84	M399922	13-022					
4.88	6.40	1.52	LST	1.38	91	M399923	13-022					
6.40	9.45	3.05	LST	3.00	98	M399924	13-022					
9.45	12.50	3.05	LST	3.00	98	M399925	13-022					
12.50	15.54	3.04	LST	2.95	97	M399926	13-022					
12.50	15.54	3.04	LST	2.95	97	M399927	13-022					✔
15.54	18.59	3.05	LST	2.42	79	M399928	13-022					
18.59	21.64	3.05	LST, MST	2.45	80	M399929	13-022					
21.64	23.46	1.82	MST	1.78	98	M399930	13-022					
23.46	26.21	2.75	LST, MST	2.70	98	M399931	13-022					
23.46	26.21	2.75	LST, MST	2.70	98	M399932	13-022				✔	
26.21	29.26	3.05	LST	2.87	94	M399933	13-022					
29.26	32.31	3.05	LST	2.98	98	M399934	13-022					
32.31	35.36	3.05	LST	2.83	93	M399935	13-022					
35.36	38.40	3.04	LST	2.78	91	M399936	13-022					
38.40	41.45	3.05	LST	2.90	95	M399938	13-022					
41.45	44.50	3.05	LST	3.01	99	M399939	13-022					
44.50	47.55	3.05	LST	2.80	92	M399940	13-022					
47.55	50.60	3.05	LST	2.90	95	M399941	13-022					

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
50.60	53.64	3.04	LST	2.72	89	M399943	13-024			☐	☐	☐
53.64	56.69	3.05	LST	2.81	92	M399944	13-024			☐	☐	☐
56.69	59.74	3.05	LST	2.98	98	M399945	13-024			☐	☐	☐
59.74	62.79	3.05	LST	2.91	95	M399946	13-024			☐	☐	☐
59.74	62.79	3.05	LST	2.91	95	M399947	13-024			☐	☑	☐
62.79	65.84	3.05	LST	2.74	90	M399948	13-024			☐	☐	☐
65.84	68.52	2.68	LST	2.68	100	M399949	13-024			☐	☐	☐
68.52	70.41	1.89	LST	1.89	100	M399950	13-024			☐	☐	☐
70.41	73.46	3.05	LST, LST	2.72	89	M399952	13-024			☐	☐	☐
73.46	75.30	1.84	LST, LST	1.80	98	M399954	13-024			☐	☐	☐
75.30	78.03	2.73	LST	2.67	98	M399955	13-024			☐	☐	☐
78.03	81.08	3.05	LST	2.59	85	M399956	13-024			☐	☐	☐
81.08	84.12	3.04	LST	2.64	87	M399958	13-024			☐	☐	☐
84.12	87.17	3.05	LST	3.00	98	M399959	13-024			☐	☐	☐
87.17	90.22	3.05	LST	2.99	98	M399960	13-024			☐	☐	☐
90.22	93.27	3.05	LST	2.68	88	M399961	13-024			☐	☐	☐
93.27	96.32	3.05	LST	2.89	95	M399962	13-024			☐	☐	☐
96.32	99.36	3.04	LST	2.71	89	M399964	13-024			☐	☐	☐
99.36	102.41	3.05	LST	2.84	93	M399965	13-024			☐	☐	☐
102.41	105.46	3.05	LST	2.63	86	M399966	13-024			☐	☐	☐
105.46	108.51	3.05	LST	2.71	89	M399967	13-024			☐	☐	☐
108.51	111.56	3.05	LST	2.53	83	M399968	13-024			☐	☐	☐
108.51	111.56	3.05	LST	2.53	83	M399969	13-024			☐	☐	☑
111.56	114.60	3.04	LST	2.66	88	M399970	13-024			☐	☐	☐
114.60	117.65	3.05	LST	2.77	91	M399971	13-024			☐	☐	☐
117.65	120.70	3.05	LST	2.91	95	M399972	13-024			☐	☐	☐
120.70	123.75	3.05	LST	2.98	98	M399973	13-024			☐	☐	☐
123.75	126.80	3.05	LST	2.88	94	M399974	13-024			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
126.80	129.84	3.04	LST	2.85	94	M399975	13-024			☐	☐	☐
129.84	132.89	3.05	LST	2.77	91	M399976	13-024			☐	☐	☐
132.89	135.25	2.36	LST	2.25	95	M399977	13-024			☐	☐	☐
135.25	137.50	2.25	LST	2.24	100	M399978	13-024			☐	☐	☐
137.50	143.56	6.06	LST, MST	5.93	98	N831422	13-C04	Chip		☐	☐	☐
143.56	149.66	6.10	MST	5.49	90	N831423	13-C04	Chip		☐	☐	☐
149.66	155.75	6.09	MST	5.88	97	N831424	13-C04	Chip		☐	☐	☐
155.75	158.80	3.05	MST	3.05	100	N831425	13-C04	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629064	7111520	1501.38	483.11

ZONE: Isis East

SECTION: IE080E

HOLE: OS -13-210

CLAIM: Sten 39

Contractor: Superior

Drill: 6

Core Size: HQ-NQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 12 - Jul 17, 2013

Geology Logged By: M. Pultz

SURVEY			
Depth (m)	Azimuth	Dip	Method
16.76	354.02	-50	Reflex
483.1	0.42	-53.3	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	0.94	0.94	OVB
0.94	66.88	65.94	LST
66.88	166.12	99.24	MST
166.12	254.51	88.39	LST
254.51	315.47	60.96	DMT
315.47	425.2	109.73	DST
425.2	483.11	57.91	LST

SAMPLES	
Numbers:	M397788 to M397866, N831426 to N831435, N831442 to N831471, N831479 to N831489
Total:	130
Batch:	023, 027, 028, C04
Certificates:	WH13125272, WH13131717, WH13131718, WH13135030

COMMENTS
Hole shutdown in barren O-LST1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	0.94	0.94	OVB	--	Casing no recovery							
						--	--	---	---	--	--	0
0.94	66.88	65.94	LST	MG	Bedded limestone with variably limey silty interbeds, core competent with preferential fracturing along bedding planes, and local brecciation due to faulting							
						MD	GY		CLY	1I		
						MD	BN	---	OXI	1I	--	0
66.88	166.12	99.24	MST	FG	Diamictite with up hole bedded mudstone horizon, local faulting and fracturing present throughout interval							
						MD	GY	BD	---	--	--	0
166.12	254.51	88.39	LST	MG	Bedded limestone with variably limey silty interbeds, core competent with preferential fracturing along bedding planes, and local brecciation due to faulting							
						MD	GY	BD	---	--	--	0
254.51	315.47	60.96	DMT	FG	Alternating massive diamictite and bedded silt mudstone horizons, with a sequence of mineralized crackle brecciated dolostone. Local faulting and fracturing present throughout interval associated with mineralizing.							
						MD	GN	MA			Re	1
						MD	GY	BD	DCA	1I	Py	1
315.47	425.20	109.73	DST	FG	Bedded to crackle brecciated dolostone, fractured and faulted accompanied by associated mineralization.							
											Py	0.5
								BD			Om	0.5
						MD	GY	BX	ASO	1I	Re	1
425.20	483.11	57.91	LST	FG	Alternating sequences of bedded limestone and rudstone							
								MA				
								RD				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0.5	33	0.10	7	4R	4H	3W	1S because of rubbly zone
1.52	3.05	1.53	0.4	26	0.14	9	1R	4H	3W	
3.05	4.57	1.52	0.93	61	0.20	13	4R	3H	3W	
4.57	6.10	1.53	1.5	98	0.23	15	4R	3H	3W	
6.10	7.62	1.52	1.08	71	0.12	8	4R	3H	3W	
7.62	9.14	1.52	1.52	100	0.99	65	4R	3H	2W	
9.14	10.67	1.53	1.45	95	0.00	0	4R	3H	2W	
10.67	12.19	1.52	1.13	74	0.12	8	4R	3H	2W	
12.19	13.72	1.53	1.43	93	0.75	49	4R	3H	2W	
13.72	15.24	1.52	1.52	100	1.06	70	4R	3H	2W	
15.24	16.76	1.52	1.31	86	0.59	39	4R	4H	1W	
16.76	18.29	1.53	1.53	100	0.71	46	4R	3H	1W	
18.29	19.81	1.52	1.42	93	0.80	53	4R	3H	2W	
19.81	21.34	1.53	1.16	76	0.41	27	4R	3H	1W	
21.34	22.86	1.52	1.52	100	0.64	42	4R	3H	2W	
22.86	24.38	1.52	1.23	81	0.10	7	4R	3H	1W	
24.38	25.91	1.53	1.49	97	0.76	50	4R	4H	1W	
25.91	27.43	1.52	1.43	94	0.39	26	4R	4H	1W	
27.43	28.96	1.53	1.44	94	0.67	44	4R	4H	1W	
28.96	30.48	1.52	1.39	91	0.93	61	4R	4H	1W	
30.48	32.00	1.52	1.22	80	0.82	54	4R	3H	1W	
32.00	33.53	1.53	1.34	88	0.98	64	4R	3H	1W	
33.53	35.05	1.52	1.45	95	0.50	33	4R	3H	1W	
35.05	36.58	1.53	1.43	93	0.88	58	4R	4H	1W	
36.58	38.10	1.52	1.46	96	0.54	36	4R	4H	1W	
38.10	39.62	1.52	1.29	85	0.70	46	1R	4H	1W	
39.62	41.15	1.53	1.5	98	0.52	34	4R	3H	1W	
41.15	42.67	1.52	1.31	86	0.76	50	4R	3H	1W	
42.67	44.20	1.53	1.53	100	0.85	56	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.20	45.72	1.52	1.29	85	0.63	41	4R	4H	1W	
45.72	47.24	1.52	1.52	100	0.63	41	4R	3H	1W	
47.24	48.77	1.53	1.4	92	0.60	39	4R	3H	1W	
48.77	50.29	1.52	1.46	96	0.38	25	4R	4H	1W	
50.29	51.82	1.53	1.47	96	0.40	26	4R	3H	1W	
51.82	53.34	1.52	1.33	88	0.28	18	4R	3H	1W	
53.34	54.86	1.52	1.38	91	1.00	66	4R	4H	1W	
54.86	56.39	1.53	1.48	97	1.15	75	4R	4H	1W	
56.39	57.91	1.52	1.48	97	1.13	74	4R	3H	1W	
57.91	59.44	1.53	1.5	98	0.83	54	4R	4H	1W	
59.44	60.96	1.52	1.3	86	1.10	72	4R	4H	1W	
60.96	62.48	1.52	1.43	94	0.64	42	4R	3H	1W	
62.48	64.01	1.53	1.38	90	0.86	56	4R	3H	1W	
64.01	65.53	1.52	1.52	100	1.43	94	4R	4H	1W	
65.53	67.06	1.53	1.37	90	0.79	52	4R	4H	1W	
67.06	68.58	1.52	1.52	100	1.07	70	4R	3H	1W	
68.58	70.10	1.52	1.34	88	0.88	58	4R	3H	1W	
70.10	71.63	1.53	1.5	98	1.12	73	4R	3H	1W	
71.63	73.15	1.52	1.42	93	0.89	59	1R	4H	1W	
73.15	74.68	1.53	1.53	100	0.60	39	1R	4H	1W	
74.68	76.20	1.52	1.26	83	0.37	24	1R	3H	1W	
76.20	77.72	1.52	1.37	90	0.52	34	4R	3H	1W	
77.72	79.25	1.53	1.4	92	0.30	20	4R	3H	1W	
79.25	80.77	1.52	1.38	91	0.42	28	4R	4H	1W	
80.77	82.30	1.53	1.41	92	0.75	49	4R	4H	1W	
82.30	83.82	1.52	1.2	79	0.88	58	4R	3H	1W	
83.82	85.34	1.52	1.2	79	0.84	55	0R	3H	1W	
85.34	86.87	1.53	1.43	93	0.75	49	3R	4H	1W	
86.87	88.39	1.52	1.5	99	0.15	10	4R	3H	1W	
88.39	89.92	1.53	1.19	78	0.51	33	3R	3H	1W	
89.92	91.44	1.52	1.52	100	0.91	60	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
91.44	92.96	1.52	1.52	100	1.28	84	3R	3H	1W	
92.96	94.49	1.53	1.42	93	1.12	73	4R	4H	1W	
94.49	96.01	1.52	1.5	99	0.91	60	4R	4H	1W	
96.01	97.54	1.53	1.32	86	0.76	50	4R	4H	1W	
97.54	99.06	1.52	1.49	98	1.02	67	4R	4H	1W	
99.06	100.58	1.52	1.35	89	1.30	86	4R	4H	1W	
100.58	102.11	1.53	1.47	96	1.00	65	4R	4H	1W	
102.11	103.63	1.52	1.38	91	0.89	59	4R	4H	1W	
103.63	105.16	1.53	1.5	98	0.94	61	4R	3H	1W	
105.16	106.68	1.52	1.18	78	0.37	24	4R	4H	1W	
106.68	108.20	1.52	1.44	95	0.52	34	4R	3H	1W	
108.20	109.73	1.53	1.48	97	0.77	50	4R	3H	1W	
109.73	111.25	1.52	1.45	95	0.86	57	4R	3H	1W	
111.25	112.78	1.53	1.27	83	0.79	52	1R	3H	1W	
112.78	114.30	1.52	1.42	93	0.58	38	0R	3H	1W	
114.30	115.82	1.52	1.39	91	0.49	32	0R	3H	1W	
115.82	117.35	1.53	1.51	99	0.47	31	0R	3H	1W	
117.35	118.87	1.52	1.26	83	0.69	45	0R	3H	1W	
118.87	120.40	1.53	1.46	95	1.22	80	3R	3H	1W	
120.40	121.92	1.52	1.43	94	1.29	85	2R	3H	1W	
121.92	123.44	1.52	1.44	95	1.06	70	2R	3H	1W	
123.44	124.97	1.53	1.53	100	1.12	73	3R	3H	1W	
124.97	126.49	1.52	1.52	100	1.52	100	3R	3H	1W	
126.49	128.02	1.53	1.53	100	0.81	53	3R	3H	1W	
128.02	129.54	1.52	1.46	96	1.25	82	3R	3H	1W	
129.54	131.06	1.52	1.42	93	1.32	87	3R	3H	1W	
131.06	132.59	1.53	1.53	100	1.53	100	3R	3H	1W	
132.59	134.11	1.52	1.26	83	1.18	78	3R	3H	1W	
134.11	135.64	1.53	1.51	99	1.13	74	0R	3H	1W	
135.64	137.16	1.52	1.47	97	1.22	80	3R	3H	1W	
137.16	138.68	1.52	1.52	100	1.30	86	3R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.68	140.21	1.53	1.33	87	1.30	85	4R	3H	1W	
140.21	141.73	1.52	1.29	85	1.25	82	3R	3H	1W	
141.73	143.26	1.53	1.51	99	1.45	95	3R	3H	1W	
143.26	144.78	1.52	1.52	100	1.27	84	0R	3H	1W	
144.78	146.30	1.52	1.49	98	1.35	89	3R	3H	1W	
146.30	147.83	1.53	1.46	95	1.46	95	3R	3H	1W	
147.83	149.35	1.52	1.49	98	1.49	98	3R	3H	1W	
149.35	150.88	1.53	1.53	100	1.29	84	3R	3H	1W	
150.88	152.40	1.52	1.49	98	1.35	89	3R	3H	1W	
152.40	153.92	1.52	1.52	100	1.34	88	3R	3H	1W	
153.92	155.45	1.53	1.48	97	1.43	93	2R	3H	1W	
155.45	156.97	1.52	1.45	95	1.44	95	1R	3H	1W	
156.97	158.50	1.53	1.43	93	1.40	92	3R	3H	1W	
158.50	160.02	1.52	1.49	98	1.22	80	4R	3H	1W	
160.02	161.54	1.52	1.52	100	1.38	91	3R	3H	1W	
161.54	163.07	1.53	1.53	100	1.53	100	3R	3H	1W	
163.07	164.59	1.52	1.47	97	1.22	80	3R	3H	1W	
164.59	166.12	1.53	1.48	97	0.84	55	3R	3H	3W	
166.12	167.64	1.52	1.33	88	1.08	71	3R	3H	1W	
167.64	169.16	1.52	1.5	99	0.97	64	2R	4H	1W	
169.16	170.69	1.53	1.53	100	0.97	63	4R	3H	1W	
170.69	172.21	1.52	1.52	100	0.90	59	4R	3H	1W	
172.21	173.74	1.53	1.4	92	1.40	92	4R	4H	1W	
173.74	175.26	1.52	1.52	100	1.31	86	4R	4H	1W	
175.26	176.78	1.52	1.38	91	0.91	60	4R	4H	1W	
176.78	178.31	1.53	1.53	100	1.12	73	4R	4H	1W	
178.31	179.83	1.52	1.42	93	1.15	76	4R	4H	1W	
179.83	181.36	1.53	1.53	100	1.31	86	4R	4H	1W	
181.36	182.88	1.52	1.4	92	1.10	72	4R	4H	1W	
182.88	184.40	1.52	1.52	100	0.76	50	4R	4H	1W	
184.40	185.93	1.53	1.45	95	0.93	61	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
185.93	187.45	1.52	1.47	97	0.21	14	4R	4H	1W	
187.45	188.98	1.53	1.41	92	0.78	51	4R	4H	1W	
188.98	190.50	1.52	1.38	91	0.81	53	2R	4H	1W	
190.50	192.02	1.52	1.36	89	0.24	16	3R	4H	1W	
192.02	193.55	1.53	1.48	97	0.56	37	4R	3H	1W	
193.55	195.07	1.52	1.46	96	0.50	33	4R	3H	1W	
195.07	196.60	1.53	1.53	100	0.83	54	3R	3H	1W	
196.60	198.12	1.52	1.52	100	1.23	81	1R	3H	1W	
198.12	199.64	1.52	1.52	100	0.87	57	4R	3H	1W	
199.64	201.17	1.53	1.36	89	1.22	80	4R	4H	1W	
201.17	202.69	1.52	1.28	84	0.58	38	4R	4H	1W	
202.69	204.22	1.53	1.22	80	0.89	58	4R	4H	1W	
204.22	205.74	1.52	1.52	100	1.00	66	4R	4H	1W	
205.74	207.26	1.52	1.45	95	0.42	28	4R	3H	1W	
207.26	208.79	1.53	1.51	99	0.75	49	3R	3H	1W	
208.79	210.31	1.52	1.27	84	1.11	73	0R	3H	1W	
210.31	211.84	1.53	1.41	92	0.68	44	3R	3H	1W	
211.84	213.36	1.52	1.48	97	0.76	50	0R	3H	1W	
213.36	214.88	1.52	1.5	99	1.09	72	0R	3H	1W	
214.88	216.41	1.53	1.53	100	0.43	28	0R	3H	1W	
216.41	217.93	1.52	1.5	99	0.78	51	0R	3H	1W	
217.93	219.46	1.53	1.4	92	1.06	69	4R	3H	1W	
219.46	220.98	1.52	1.42	93	0.90	59	4R	4H	1W	
220.98	222.50	1.52	1.34	88	0.86	57	3R	4H	1W	
222.50	224.03	1.53	1.27	83	1.07	70	4R	4H	1W	
224.03	225.55	1.52	1.52	100	1.02	67	4R	4H	1W	
225.55	227.08	1.53	1.42	93	1.11	73	4R	4H	1W	
227.08	228.60	1.52	1.51	99	1.12	74	4R	4H	1W	
228.60	230.12	1.52	1.52	100	1.44	95	4R	4H	1W	
230.12	231.65	1.53	1.39	91	1.26	82	4R	4H	1W	
231.65	233.17	1.52	1.5	99	1.03	68	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
233.17	234.70	1.53	1.47	96	1.18	77	4R	4H	1W	
234.70	236.22	1.52	1.52	100	1.39	91	4R	4H	1W	
236.22	237.74	1.52	1.37	90	0.84	55	4R	4H	1W	
237.74	239.27	1.53	1.53	100	1.53	100	4R	4H	1W	
239.27	240.79	1.52	1.52	100	1.22	80	4R	4H	1W	
240.79	242.32	1.53	1.53	100	1.44	94	4R	4H	1W	
242.32	243.84	1.52	1.46	96	1.22	80	4R	4H	1W	
243.84	245.36	1.52	1.5	99	0.90	59	4R	4H	1W	
245.36	248.41	3.05	2.45	80	1.49	49	4R	4H	1W	
248.41	251.46	3.05	2.66	87	1.42	47	4R	4H	1W	
251.46	254.51	3.05	2.76	90	2.03	67	4R	4H	1W	
254.51	257.56	3.05	2.75	90	1.77	58	2R	4H	1W	
257.56	260.60	3.04	3.04	100	2.47	81	2R	4H	1W	
260.60	263.65	3.05	2.89	95	1.91	63	0R	4H	1W	
263.65	266.70	3.05	2.84	93	2.36	77	0R	4H	1W	
266.70	269.75	3.05	2.87	94	2.29	75	1R	4H	1W	
269.75	272.80	3.05	2.84	93	1.25	41	1R	4H	1W	
272.80	275.84	3.04	2.72	89	1.65	54	3R	5H	1W	
275.84	278.89	3.05	2.95	97	1.50	49	0R	4H	1W	
278.89	281.94	3.05	2.84	93	2.04	67	0R	4H	1W	
281.94	284.99	3.05	2.97	97	2.28	75	2R	4H	1W	
284.99	288.04	3.05	2.89	95	1.89	62	1R	4H	2W	
288.04	291.08	3.04	2.7	89	1.68	55	1R	4H	1W	
291.08	294.13	3.05	2.9	95	2.44	80	1R	4H	1W	
294.13	297.18	3.05	2.81	92	1.88	62	1R	5H	1W	
297.18	300.23	3.05	2.77	91	2.30	75	1R	4H	1W	
300.23	303.28	3.05	2.79	91	2.16	71	1R	4H	1W	
303.28	306.32	3.04	2.78	91	2.04	67	2R	4H	1W	
306.32	309.37	3.05	2.85	93	2.17	71	2R	4H	1W	
309.37	312.42	3.05	2.87	94	2.69	88	2R	4H	1W	
312.42	315.47	3.05	2.64	87	1.95	64	2R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
315.47	318.52	3.05	2.88	94	2.17	71	1R	5H	1W	
318.52	321.56	3.04	2.48	82	1.77	58	0R	5H	1W	
321.56	324.61	3.05	2.73	90	1.92	63	0R	5H	1W	
324.61	327.66	3.05	2.87	94	2.39	78	1R	5H	1W	
327.66	330.71	3.05	2.93	96	2.21	72	0R	5H	1W	
330.71	333.76	3.05	2.78	91	2.02	66	1R	5H	1W	
333.76	336.80	3.04	2.83	93	2.61	86	1R	5H	1W	
336.80	339.85	3.05	2.94	96	2.25	74	2R	5H	1W	
339.85	342.90	3.05	2.15	70	0.70	23	1R	5H	1W	
342.90	345.95	3.05	2.12	70	0.66	22	2R	5H	1W	
345.95	349.00	3.05	2.78	91	2.37	78	1R	5H	1W	
349.00	352.04	3.04	2.98	98	2.25	74	1R	5H	1W	
352.04	355.09	3.05	2.93	96	2.09	69	2R	5H	1W	
355.09	358.14	3.05	2.77	91	1.82	60	2R	5H	1W	
358.14	361.19	3.05	2.71	89	1.50	49	2R	5H	1W	
361.19	364.24	3.05	2.91	95	2.36	77	2R	5H	1W	
364.24	367.28	3.04	2.78	91	2.24	74	2R	5H	1W	
367.28	370.33	3.05	2.8	92	2.30	75	2R	5H	1W	
370.33	373.38	3.05	2.85	93	2.69	88	2R	5H	1W	
373.38	376.43	3.05	2.74	90	2.20	72	2R	5H	1W	
376.43	379.48	3.05	2.82	92	2.41	79	2R	5H	1W	
379.48	382.52	3.04	2.93	96	2.48	82	2R	4H	1W	
382.52	385.57	3.05	2.69	88	1.67	55	2R	4H	1W	
385.57	388.62	3.05	2.82	92	2.47	81	2R	5H	1W	
388.62	391.67	3.05	2.64	87	1.52	50	1R	5H	1W	
391.67	394.72	3.05	2.7	89	1.63	53	2R	4H	1W	
394.72	397.76	3.04	2.69	88	2.55	84	1R	4H	1W	
397.76	400.81	3.05	2.8	92	2.01	66	1R	4H	1W	
400.81	403.86	3.05	2.72	89	2.09	69	1R	4H	1W	
403.86	406.91	3.05	2.88	94	2.09	69	1R	5H	1W	
406.91	409.96	3.05	3.05	100	2.50	82	1R	5H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
409.96	413.00	3.04	1.62	53	0.43	14	1R	5H	1W	
413.00	416.05	3.05	2.55	84	1.84	60	1R	4H	1W	
416.05	419.10	3.05	2.89	95	2.37	78	1R	4H	1W	
419.10	422.15	3.05	2.85	93	1.81	59	2R	4H	1W	
422.15	425.20	3.05	2.57	84	1.53	50	2R	4H	1W	
425.20	428.24	3.04	2.4	79	1.55	51	4R	4H	1W	
428.24	431.29	3.05	2.54	83	2.29	75	4R	4H	1W	
431.29	434.34	3.05	2.98	98	2.67	88	4R	3H	1W	
434.34	437.39	3.05	2.89	95	2.57	84	3R	3H	1W	
437.39	440.44	3.05	2.68	88	2.25	74	3R	3H	1W	
440.44	443.48	3.04	2.82	93	1.88	62	2R	4H	1W	
443.48	446.53	3.05	2.46	81	1.07	35	3R	4H	1W	
446.53	449.58	3.05	2.54	83	1.56	51	3R	4H	1W	
449.58	452.63	3.05	2.12	70	0.69	23	4R	4H	1W	
452.63	455.68	3.05	2.93	96	2.93	96	3R	5H	1W	
455.68	458.72	3.04	2.86	94	2.60	86	2R	5H	1W	
458.72	461.77	3.05	2.86	94	2.30	75	3R	5H	1W	
461.77	464.82	3.05	2.57	84	2.11	69	2R	5H	1W	
464.82	467.87	3.05	2.49	82	2.06	68	1R	4H	1W	
467.87	470.92	3.05	2.59	85	2.11	69	4R	4H	1W	
470.92	473.96	3.04	2.34	77	1.73	57	4R	4H	1W	
473.96	477.01	3.05	2.29	75	1.52	50	4R	4H	1W	
477.01	480.06	3.05	2.79	91	1.48	49	4R	4H	1W	
480.06	483.11	3.05	2.11	69	0.64	21	4R	4H	1W	EOH

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M397851	13-028			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397791	13-023		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397861	13-028		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397847	13-028		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397829	13-027			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397821	13-027		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397803	13-027			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397798	13-027		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397795	13-023			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397865	13-028			☑	☐	☐
0.94	6.10	5.16	OVB, LST	3.60	70	N831426	13-C04	Chip		☐	☐	☐
6.10	12.19	6.09	LST	5.18	85	N831427	13-C04	Chip		☐	☐	☐
12.19	18.29	6.10	LST	2.79	46	N831428	13-C04	Chip		☐	☐	☐
18.29	24.38	6.09	LST	5.33	88	N831429	13-C04	Chip		☐	☐	☐
24.38	30.48	6.10	LST	5.75	94	N831430	13-C04	Chip		☐	☐	☐
30.48	36.58	6.10	LST	5.44	89	N831431	13-C04	Chip		☐	☐	☐
36.58	42.67	6.09	LST	5.56	91	N831432	13-C04	Chip		☐	☐	☐
42.67	48.77	6.10	LST	5.74	94	N831433	13-C04	Chip		☐	☐	☐
48.77	54.86	6.09	LST	5.64	93	N831434	13-C04	Chip		☐	☐	☐
54.86	60.96	6.10	LST	5.76	94	N831435	13-C04	Chip		☐	☐	☐
60.96	64.01	3.05	LST	2.92	96	M397788	13-023			☐	☐	☐
64.01	67.06	3.05	LST	2.87	94	M397789	13-023			☐	☐	☐
67.06	73.15	6.09	MST	5.29	87	N831442	13-C04	Chip		☐	☐	☐
73.15	79.25	6.10	MST	5.64	92	N831443	13-C04	Chip		☐	☐	☐
79.25	85.34	6.09	MST	5.76	95	N831444	13-C04	Chip		☐	☐	☐
85.34	91.44	6.10	MST	5.69	93	N831445	13-C04	Chip		☐	☐	☐
91.44	97.54	6.10	MST	5.60	92	N831446	13-C04	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
97.54	103.63	6.09	MST	5.53	91	N831447	13-C04	Chip		☐	☐	☐
103.63	109.73	6.10	MST	5.66	93	N831448	13-C04	Chip		☐	☐	☐
109.73	112.14	2.41	MST	2.34	97	N831449	13-C04	Chip		☐	☐	☐
112.14	115.82	3.68	MST	3.15	86	N831450	13-C04	Chip		☐	☐	☐
115.82	121.92	6.10	MST	6.02	99	N831451	13-C04	Chip		☐	☐	☐
121.92	128.02	6.10	MST	5.99	98	N831452	13-C04	Chip		☐	☐	☐
128.02	134.11	6.09	MST	5.28	87	N831453	13-C04	Chip		☐	☐	☐
134.11	140.21	6.10	MST	6.02	99	N831454	13-C04	Chip		☐	☐	☐
140.21	146.30	6.09	MST	5.57	91	N831455	13-C04	Chip		☐	☐	☐
146.30	152.40	6.10	MST	5.97	98	N831456	13-C04	Chip		☐	☐	☐
152.40	158.50	6.10	MST	5.94	97	N831457	13-C04	Chip		☐	☐	☐
158.50	164.59	6.09	MST	6.01	99	N831458	13-C04	Chip		☐	☐	☐
164.59	166.12	1.53	MST	1.47	96	N831459	13-C04	Chip		☐	☐	☐
166.12	172.21	6.09	LST, MST	5.88	97	N831460	13-C04	Chip		☐	☐	☐
172.21	178.31	6.10	LST	5.83	96	N831461	13-C04	Chip		☐	☐	☐
178.31	184.40	6.09	LST	5.87	96	N831462	13-C04	Chip		☐	☐	☐
184.40	190.50	6.10	LST	5.71	94	N831463	13-C04	Chip		☐	☐	☐
190.50	196.60	6.10	LST	5.83	96	N831464	13-C04	Chip		☐	☐	☐
196.60	202.69	6.09	LST	5.68	93	N831465	13-C04	Chip		☐	☐	☐
202.69	208.79	6.10	LST	5.70	93	N831466	13-C04	Chip		☐	☐	☐
208.79	214.88	6.09	LST	5.66	93	N831467	13-C04	Chip		☐	☐	☐
214.88	220.98	6.10	LST	5.85	96	N831468	13-C04	Chip		☐	☐	☐
220.98	227.08	6.10	LST	5.55	91	N831469	13-C04	Chip		☐	☐	☐
227.08	233.17	6.09	LST	5.92	97	N831470	13-C04	Chip		☐	☐	☐
233.17	239.27	6.10	LST	5.57	91	N831471	13-C04	Chip		☐	☐	☐
239.27	245.36	6.09	LST	6.01	99	N831479	13-C04	Chip		☐	☐	☐
245.36	251.46	6.10	LST	5.11	84	N831480	13-C04	Chip		☐	☐	☐
251.46	254.51	3.05	LST	2.62	86	N831481	13-C04	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
254.51	260.60	6.09	LST, DMT	5.79	95	N831482	13-C04	Chip		☐	☐	☐
260.60	266.70	6.10	DMT	5.73	94	N831483	13-C04	Chip		☐	☐	☐
266.70	272.80	6.10	DMT	5.71	94	N831484	13-C04	Chip		☐	☐	☐
272.80	275.84	3.04	DMT	2.72	89	M397790	13-023			☐	☐	☐
275.84	278.89	3.05	DMT	2.95	97	M397792	13-023			☐	☐	☐
278.89	281.94	3.05	DMT	2.84	93	M397793	13-023			☐	☐	☐
281.94	284.99	3.05	DMT	2.97	97	M397794	13-023			☐	☐	☐
284.99	286.65	1.66	DMT	1.66	100	M397796	13-027			☐	☐	☐
286.65	288.35	1.70	DMT	1.50	88	M397797	13-027			☐	☐	☐
288.35	291.08	2.73	DMT	2.38	87	M397799	13-027			☐	☐	☐
291.08	294.13	3.05	DMT	2.90	95	M397800	13-027			☐	☐	☐
294.13	296.22	2.09	DMT	2.00	96	M397801	13-027			☐	☐	☐
296.22	298.33	2.11	DMT	1.92	91	M397802	13-027			☐	☐	☐
298.33	300.23	1.90	DMT	1.65	87	M397804	13-027			☐	☐	☐
300.23	303.28	3.05	DMT	2.79	91	M397805	13-027			☐	☐	☐
303.28	306.32	3.04	DMT	2.78	91	M397806	13-027			☐	☐	☐
306.32	309.37	3.05	DMT	2.85	93	M397807	13-027			☐	☐	☐
306.32	309.37	3.05	DMT	2.85	93	M397808	13-027			☐	☑	☐
309.37	312.42	3.05	DMT	2.87	94	M397809	13-027			☐	☐	☐
312.42	315.47	3.05	DMT	2.64	87	M397810	13-027			☐	☐	☐
315.47	318.52	3.05	DST, DMT	2.88	94	M397811	13-027			☐	☐	☐
318.52	321.56	3.04	DST	2.48	82	M397812	13-027			☐	☐	☐
321.56	324.61	3.05	DST	2.73	90	M397813	13-027			☐	☐	☐
324.61	327.66	3.05	DST	2.87	94	M397814	13-027			☐	☐	☐
327.66	330.71	3.05	DST	2.93	96	M397815	13-027			☐	☐	☐
330.71	333.76	3.05	DST	2.78	91	M397816	13-027			☐	☐	☐
333.76	336.80	3.04	DST	2.83	93	M397817	13-027			☐	☐	☐
336.80	339.85	3.05	DST	2.94	96	M397818	13-027			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
339.85	342.90	3.05	DST	2.15	70	M397819	13-027			☐	☐	☐
342.90	344.90	2.00	DST	1.71	86	M397820	13-027			☐	☐	☐
344.90	346.95	2.05	DST	1.86	91	M397822	13-027			☐	☐	☐
346.95	349.00	2.05	DST	1.79	87	M397823	13-027			☐	☐	☐
346.95	349.00	2.05	DST	1.79	87	M397824	13-027			☐	☐	✔
349.00	352.04	3.04	DST	2.98	98	M397825	13-027			☐	☐	☐
352.04	355.09	3.05	DST	2.93	96	M397826	13-027			☐	☐	☐
355.09	358.14	3.05	DST	2.77	91	M397827	13-027			☐	☐	☐
358.14	361.19	3.05	DST	2.71	89	M397828	13-027			☐	☐	☐
361.19	364.24	3.05	DST	2.91	95	M397830	13-027			☐	☐	☐
364.24	367.28	3.04	DST	2.78	91	M397831	13-027			☐	☐	☐
367.28	370.33	3.05	DST	2.80	92	M397832	13-028			☐	☐	☐
370.33	373.38	3.05	DST	2.85	93	M397833	13-028			☐	☐	☐
373.38	376.43	3.05	DST	2.74	90	M397834	13-028			☐	☐	☐
373.38	376.43	3.05	DST	2.74	90	M397835	13-028			☐	☐	✔
376.43	379.48	3.05	DST	2.82	92	M397836	13-028			☐	☐	☐
379.48	382.52	3.04	DST	2.93	96	M397837	13-028			☐	☐	☐
382.52	385.57	3.05	DST	2.69	88	M397838	13-028			☐	☐	☐
385.57	388.62	3.05	DST	2.82	92	M397839	13-028			☐	☐	☐
388.62	391.67	3.05	DST	2.64	87	M397840	13-028			☐	☐	☐
391.67	394.72	3.05	DST	2.70	89	M397841	13-028			☐	☐	☐
394.72	397.76	3.04	DST	2.69	88	M397842	13-028			☐	☐	☐
394.72	397.76	3.04	DST	2.69	88	M397843	13-028			☐	✔	☐
397.76	400.81	3.05	DST	2.80	92	M397844	13-028			☐	☐	☐
400.81	403.86	3.05	DST	2.72	89	M397845	13-028			☐	☐	☐
403.86	406.00	2.14	DST	2.00	93	M397846	13-028			☐	☐	☐
406.00	409.00	3.00	DST	3.00	100	M397848	13-028			☐	☐	☐
409.00	411.00	2.00	DST	0.62	31	M397849	13-028			☐	☐	☐
411.00	413.63	2.63	DST	1.00	38	M397850	13-028			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
413.63	416.05	2.42	DST	2.01	83	M397852	13-028					
416.05	419.10	3.05	DST	2.89	95	M397853	13-028					
419.10	422.15	3.05	DST	2.01	66	M397854	13-028					
422.15	425.20	3.05	DST	2.57	84	M397855	13-028					
425.20	428.24	3.04	LST, DST	2.40	79	M397856	13-028					
428.24	431.29	3.05	LST	2.54	83	M397857	13-028					
431.29	434.34	3.05	LST	2.98	98	M397858	13-028					
434.34	437.39	3.05	LST	2.89	95	M397859	13-028					
437.39	440.44	3.05	LST	2.68	88	M397860	13-028					
440.44	443.48	3.04	LST	2.82	93	M397862	13-028					
443.48	446.53	3.05	LST	2.46	81	M397863	13-028					
446.53	449.58	3.05	LST	2.54	83	M397864	13-028					
449.58	452.63	3.05	LST	2.12	70	M397866	13-028					
452.63	458.72	6.09	LST	5.79	95	N831485	13-C04	Chip				
458.72	464.82	6.10	LST	5.43	89	N831486	13-C04	Chip				
464.82	470.92	6.10	LST	5.00	82	N831487	13-C04	Chip				
470.92	477.01	6.09	LST	4.63	76	N831488	13-C04	Chip				
477.01	483.11	6.10	LST	4.90	80	N831489	13-C04	Chip				

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629550	7111937	1786.18	322.48

ZONE: Sunrise

SECTION: S550E

HOLE: OS -13-211

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jul 12 - Jul 17, 2013

Geology Logged By: J. Chakungal

SURVEY			
Depth (m)	Azimuth	Dip	Method
2.43	359.22	-59.5	Reflex
322.47	352.62	-62.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.44	2.44	OVB
2.44	59.2	56.76	MST
59.2	118.26	59.06	LST
118.26	130.25	11.99	MST
130.25	195.97	65.72	LST
195.97	199.03	3.06	LST
199.03	217.32	18.29	LST
217.32	313.73	96.41	LST
313.73	322.48	8.75	MST

SAMPLES	
Numbers:	M399979 to M400000, M400301 to M400305, M400307 to M400376, N831436 to N831441, N831472 to N831478, N831490
Total:	112
Batch:	025, 026, 029, C04
Certificates:	WH13131718, WH13133018, WH13136074, WH13136075

COMMENTS
Hole shutdown in O-MST1.

OS -13-211

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.44	2.44	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
2.44	59.20	56.76	MST	FG	Finely laminated, grey-green mud and siltstone. Weakly folded? Definitely faulted and fractured. Is this really basal O-MST1? Or the more siliceous upper part of C-LST2 that would roughly equate to the 'Mystery Unit' at Isis?							
						LT	GN	BX				
						MD	GY	BD	CLY	1I	--	0
59.20	118.26	59.06	LST	MG	Crystalline limestone interbedded with beef calcite and weak-non calcareous mudstone. Fractured and faulted over entire interval. Clay alteration is associated with fault gouge. Evidence for displacement along bedding. Veined with calcite.							
						DK	GY	BD	CLY	3I	Py	5
						DK	BK	XL				
118.26	130.25	11.99	MST	FG	Bleached, light grey-green-maroon looking mud-siltstone. Arsenopyrite or pyrite disseminated most noticably over ~ 70cm uphole of contact with O-LST1							
						MD	GN	BX				
						MD	GY	SN	---	--	Py	5
130.25	195.97	65.72	LST	FG	Strained, particularly 50 cm downhole of contact with overlying mudstone. Preserves lots of evidence for dissolution along bedding. Lots of calctite veining. Openly folded. Limestone is interbedded with thick intervals of green-grey, noncalcareous silt-mudstone.							
								SN				
						LT	GY	BD	---	--	Py	5
195.97	199.03	3.06	LST	FG	Mineralized zone! Visible realgar and minor orpiment restricted to strongly clay altered zones.							
						MD	GN		CLY	4I	Om	2
						MD	BN	RB	ASO	4I	Re	5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
199.03	217.32	18.29	LST	FG	Very similar to interval between 130.25-162.46m only here see visible realgar in calcite veinlets down to ~ 200.93m. Arsenic oxide alteration visible along fractures down to ~ 202.08m.							
						LT	GY	BD	ASO	3I	Re	1
									OXI	2I		
217.32	313.73	96.41	LST	FG	Bedded limestone with multimeter-scale zones of oxidized rubble.							
								RB	OXI	2I		
						LT	GY	BD	ASO	3I	Re	1
313.73	322.48	8.75	MST	FG	Well laminated mudstone with metre-scale red and green colouration. Typical O-MST1.							
						MD	RD					
						LT	GN	BD	---	0I	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.44	2.44	0	0	0.00	0	--	--	--	No Recovery
2.44	3.96	1.52	0.5	33	0.00	0	0R	3H	4W	Rubble. 1S because of rubble zone
3.96	5.49	1.53	0.99	65	0.10	7	0R	3H	4W	
5.49	7.01	1.52	0.93	61	0.10	7	0R	3H	4W	
7.01	8.53	1.52	0.63	41	0.00	0	0R	3H	4W	
8.53	10.06	1.53	1.05	69	0.00	0	0R	3H	4W	
10.06	11.58	1.52	1.18	78	0.36	24	0R	3H	4W	
11.58	13.11	1.53	1.3	85	0.45	29	0R	3H	3W	
13.11	14.63	1.52	1.09	72	0.14	9	0R	2H	3W	
14.63	16.15	1.52	1.48	97	0.82	54	0R	3H	4W	Mostly gouge in interval
16.15	17.68	1.53	1.3	85	0.42	27	0R	3H	3W	
17.68	19.20	1.52	1.43	94	0.78	51	0R	3H	3W	
19.20	20.73	1.53	1.07	70	0.51	33	0R	3H	4W	
20.73	22.25	1.52	1.25	82	0.74	49	0R	3H	2W	
22.25	23.77	1.52	1.47	97	0.76	50	0R	3H	2W	
23.77	25.30	1.53	1.47	96	1.34	88	0R	3H	2W	
25.30	26.82	1.52	1.43	94	0.54	36	0R	3H	2W	
26.82	28.35	1.53	1.42	93	0.79	52	0R	3H	2W	
28.35	29.87	1.52	1.47	97	1.06	70	0R	3H	2W	
29.87	31.39	1.52	1.43	94	1.15	76	0R	3H	1W	
31.39	32.92	1.53	1.38	90	0.78	51	0R	3H	2W	
32.92	34.44	1.52	1.51	99	1.04	68	0R	3H	2W	
34.44	35.97	1.53	1.22	80	0.67	44	0R	3H	2W	
35.97	37.49	1.52	1.47	97	0.47	31	0R	3H	2W	
37.49	39.01	1.52	1.49	98	0.58	38	0R	3H	2W	
39.01	40.54	1.53	1.49	97	0.76	50	0R	3H	2W	
40.54	42.06	1.52	1.31	86	0.75	49	0R	3H	3W	
42.06	43.59	1.53	1.05	69	0.25	16	0R	2H	2W	
43.59	45.11	1.52	1.26	83	0.78	51	0R	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
45.11	46.63	1.52	1.3	86	0.45	30	0R	3H	3W	
46.63	48.16	1.53	1.07	70	0.64	42	0R	3H	2W	
48.16	49.68	1.52	1.15	76	0.62	41	0R	4H	2W	
49.68	51.21	1.53	1.18	77	0.21	14	0R	2H	3W	
51.21	52.73	1.52	1.27	84	0.22	14	0R	3H	2W	
52.73	54.25	1.52	1.15	76	0.20	13	1R	2H	2W	
54.25	55.78	1.53	1.43	93	0.90	59	1R	3H	2W	
55.78	57.30	1.52	1.23	81	0.92	61	0R	3H	2W	
57.30	58.83	1.53	1.11	73	0.49	32	0R	3H	2W	
58.83	60.35	1.52	0.89	59	0.00	0	3R	3H	2W	
60.35	61.87	1.52	1.22	80	0.37	24	3R	4H	2W	
61.87	63.40	1.53	1.09	71	0.44	29	2R	3H	2W	
63.40	64.92	1.52	0.98	64	0.10	7	3R	3H	3W	
64.92	66.45	1.53	0.96	63	0.32	21	2R	4H	2W	
66.45	67.97	1.52	0.92	61	0.25	16	1R	4H	1W	
67.97	69.49	1.52	1.15	76	0.48	32	2R	3H	2W	
69.49	71.02	1.53	1.07	70	0.10	7	2R	4H	3W	
71.02	72.54	1.52	1.25	82	0.82	54	3R	5H	1W	
72.54	74.07	1.53	1.34	88	0.70	46	2R	4H	2W	
74.07	75.59	1.52	1.21	80	0.62	41	2R	4H	2W	
75.59	77.11	1.52	1.31	86	0.89	59	4R	4H	1W	
77.11	78.64	1.53	1.07	70	0.00	0	2R	4H	3W	
78.64	80.16	1.52	1.4	92	0.20	13	2R	4H	3W	
80.16	81.69	1.53	1.41	92	0.29	19	3R	4H	2W	
81.69	83.21	1.52	0.97	64	0.13	9	3R	5H	2W	
83.21	84.73	1.52	1.19	78	0.36	24	2R	4H	1W	
84.73	86.26	1.53	1.27	83	0.20	13	4R	4H	2W	
86.26	87.78	1.52	0.84	55	0.00	0	4R	4H	2W	
87.78	89.31	1.53	1.13	74	0.62	41	4R	4H	1W	
89.31	90.83	1.52	1.25	82	0.33	22	3R	4H	1W	
90.83	92.35	1.52	1.13	74	0.42	28	4R	5H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
92.35	93.88	1.53	1.04	68	0.66	43	2R	4H	1W	
93.88	95.40	1.52	1.28	84	0.45	30	3R	4H	1W	
95.40	96.93	1.53	1.12	73	0.15	10	4R	4H	1W	
96.93	98.45	1.52	1.37	90	0.15	10	3R	4H	1W	
98.45	99.97	1.52	1.15	76	0.57	38	3R	3H	1W	
99.97	101.50	1.53	1.21	79	0.84	55	3R	4H	1W	
101.50	103.02	1.52	1.06	70	0.38	25	4R	5H	1W	
103.02	104.55	1.53	1.13	74	0.63	41	3R	4H	1W	
104.55	106.07	1.52	1.26	83	0.90	59	2R	5H	1W	
106.07	107.59	1.52	1.14	75	0.54	36	1R	4H	1W	
107.59	109.12	1.53	1.13	74	0.18	12	2R	4H	1W	
109.12	110.64	1.52	1.1	72	0.39	26	2R	5H	1W	
110.64	112.17	1.53	1.53	100	1.20	78	4R	3H	1W	
112.17	113.69	1.52	1.44	95	1.23	81	4R	3H	1W	
113.69	115.21	1.52	1.52	100	0.71	47	3R	3H	1W	
115.21	116.74	1.53	1.53	100	1.04	68	2R	3H	1W	
116.74	118.26	1.52	1.37	90	0.94	62	3R	3H	1W	
118.26	119.79	1.53	1.53	100	1.01	66	0R	3H	1W	
119.79	121.31	1.52	1.52	100	1.08	71	0R	3H	1W	
121.31	122.83	1.52	1.33	88	1.25	82	0R	3H	1W	
122.83	124.36	1.53	1.5	98	1.11	73	0R	3H	1W	
124.36	125.88	1.52	1.45	95	1.37	90	0R	3H	1W	
125.88	127.41	1.53	1.53	100	1.49	97	0R	3H	1W	
127.41	128.93	1.52	1.52	100	1.52	100	0R	3H	1W	
128.93	130.45	1.52	1.48	97	1.31	86	0R	3H	1W	
130.45	131.98	1.53	1.44	94	1.36	89	4R	3H	1W	
131.98	133.50	1.52	1.52	100	1.52	100	4R	4H	1W	
133.50	135.03	1.53	1.53	100	1.53	100	4R	4H	1W	
135.03	136.55	1.52	1.52	100	1.52	100	4R	4H	1W	
136.55	138.07	1.52	1.48	97	1.27	84	4R	4H	1W	
138.07	139.60	1.53	1.35	88	1.24	81	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
139.60	141.12	1.52	1.52	100	1.19	78	4R	4H	1W	
141.12	142.65	1.53	1.46	95	1.28	84	4R	4H	1W	
142.65	144.17	1.52	1.46	96	1.08	71	4R	4H	1W	
144.17	145.69	1.52	1.52	100	1.51	99	4R	4H	1W	
145.69	147.22	1.53	1.42	93	1.26	82	4R	4H	1W	
147.22	148.74	1.52	1.52	100	1.38	91	4R	4H	1W	
148.74	150.27	1.53	1.5	98	1.31	86	4R	4H	1W	
150.27	151.79	1.52	1.32	87	1.23	81	4R	4H	1W	
151.79	153.31	1.52	1.43	94	1.39	91	4R	4H	1W	
153.31	154.84	1.53	1.51	99	1.51	99	4R	4H	1W	
154.84	156.36	1.52	1.45	95	0.99	65	4R	4H	1W	
156.36	157.89	1.53	1.36	89	0.95	62	4R	4H	1W	
157.89	159.41	1.52	1.36	89	1.02	67	4R	4H	1W	
159.41	160.93	1.52	1.5	99	1.35	89	4R	3H	1W	
160.93	162.46	1.53	1.41	92	1.26	82	4R	3H	2W	
162.46	163.98	1.52	1.43	94	0.79	52	2R	3H	2W	
163.98	165.51	1.53	1.53	100	1.45	95	2R	3H	1W	
165.51	167.03	1.52	1.47	97	1.44	95	2R	3H	2W	
167.03	168.55	1.52	1.42	93	0.95	63	4R	3H	1W	
168.55	170.08	1.53	1.42	93	1.42	93	2R	3H	1W	
170.08	171.60	1.52	1.47	97	1.27	84	2R	3H	1W	
171.60	173.13	1.53	1.5	98	0.77	50	4R	3H	1W	
173.13	174.65	1.52	1.43	94	1.21	80	4R	4H	1W	
174.65	176.17	1.52	1.52	100	1.52	100	4R	4H	1W	
176.17	177.70	1.53	1.53	100	1.53	100	4R	4H	1W	
177.70	179.22	1.52	1.52	100	1.52	100	4R	4H	1W	
179.22	180.75	1.53	1.33	87	1.33	87	4R	4H	1W	
180.75	182.27	1.52	1.49	98	1.47	97	4R	4H	1W	
182.27	183.79	1.52	1.47	97	1.32	87	4R	4H	1W	
183.79	185.32	1.53	1.53	100	1.06	69	4R	4H	2W	
185.32	186.84	1.52	1.48	97	1.39	91	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
186.84	188.37	1.53	1.46	95	1.46	95	4R	4H	1W	
188.37	189.89	1.52	1.51	99	1.17	77	4R	4H	2W	
189.89	191.41	1.52	1.29	85	0.93	61	4R	4H	2W	
191.41	192.94	1.53	1.42	93	0.53	35	4R	4H	3W	
192.94	194.46	1.52	1.29	85	0.60	39	4R	4H	3W	
194.46	195.99	1.53	1.38	90	0.43	28	4R	4H	2W	
195.99	197.51	1.52	0.51	34	0.00	0	4R	4H	3W	
197.51	199.03	1.52	1.35	89	0.11	7	4R	4H	3W	1S because entire interval is rubble\
199.03	200.56	1.53	1.35	88	1.18	77	4R	4H	1W	
200.56	202.08	1.52	1.44	95	0.93	61	1R	3H	2W	
202.08	203.61	1.53	1.44	94	1.17	76	2R	3H	2W	
203.61	205.13	1.52	1.34	88	0.49	32	4R	3H	2W	
205.13	206.65	1.52	1.38	91	0.86	57	4R	4H	2W	
206.65	208.18	1.53	1.29	84	0.69	45	4R	4H	2W	
208.18	209.70	1.52	1.05	69	0.14	9	4R	4H	3W	
209.70	211.23	1.53	1.12	73	0.38	25	4R	4H	2W	
211.23	212.75	1.52	1.02	67	0.36	24	4R	4H	2W	
212.75	214.27	1.52	1.35	89	0.60	39	4R	4H	2W	
214.27	215.80	1.53	1.32	86	0.32	21	4R	4H	4W	
215.80	217.32	1.52	1.45	95	0.73	48	4R	4H	3W	
217.32	218.85	1.53	1.48	97	1.21	79	4R	4H	2W	
218.85	220.37	1.52	1.5	99	1.50	99	4R	3H	1W	
220.37	221.89	1.52	1.45	95	1.23	81	4R	3H	1W	
221.89	223.42	1.53	1.53	100	1.28	84	4R	4H	1W	
223.42	224.94	1.52	1.45	95	0.96	63	3R	3H	1W	
224.94	226.47	1.53	1.53	100	1.30	85	4R	4H	1W	
226.47	227.99	1.52	1.52	100	1.52	100	2R	3H	1W	
227.99	229.51	1.52	1.44	95	0.93	61	4R	4H	1W	
229.51	231.04	1.53	1.53	100	1.27	83	2R	3H	1W	
231.04	232.56	1.52	1.49	98	1.27	84	3R	4H	1W	
232.56	234.09	1.53	1.51	99	1.03	67	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
234.09	235.61	1.52	1.52	100	0.41	27	4R	3H	3W	
235.61	237.13	1.52	1.52	100	0.98	64	4R	4H	1W	
237.13	238.66	1.53	1.37	90	0.32	21	4R	4H	2W	
238.66	240.18	1.52	1.5	99	1.01	66	4R	4H	2W	
240.18	241.71	1.53	1.4	92	0.88	58	2R	4H	2W	
241.71	243.23	1.52	1.48	97	1.21	80	2R	3H	1W	
243.23	244.75	1.52	1.41	93	0.92	61	4R	4H	1W	
244.75	246.28	1.53	1.45	95	1.24	81	4R	3H	2W	
246.28	247.80	1.52	1.47	97	1.20	79	2R	3H	1W	
247.80	249.33	1.53	1.48	97	1.16	76	3R	3H	2W	
249.33	250.85	1.52	1.17	77	0.50	33	4R	3H	2W	
250.85	252.37	1.52	1.49	98	0.29	19	4R	3H	3W	
252.37	253.90	1.53	1.13	74	0.26	17	3R	3H	3W	
253.90	255.42	1.52	1.35	89	0.27	18	4R	4H	2W	
255.42	256.95	1.53	1.38	90	0.90	59	3R	3H	2W	
256.95	258.47	1.52	1.35	89	0.64	42	4R	4H	2W	
258.47	259.99	1.52	1.36	89	0.83	55	3R	4H	2W	
259.99	261.52	1.53	1.53	100	1.53	100	3R	3H	2W	
261.52	263.04	1.52	1.46	96	0.96	63	3R	3H	2W	
263.04	264.57	1.53	1.44	94	1.19	78	2R	4H	2W	
264.57	266.09	1.52	1.36	89	0.87	57	2R	3H	2W	
266.09	267.61	1.52	1.48	97	1.10	72	2R	4H	2W	
267.61	269.14	1.53	1.2	78	0.49	32	3R	4H	3W	
269.14	270.66	1.52	1.46	96	0.86	57	3R	4H	2W	
270.66	272.19	1.53	1.49	97	0.75	49	4R	4H	1W	
272.19	273.71	1.52	1.07	70	0.44	29	4R	4H	3W	
273.71	275.23	1.52	1.15	76	0.34	22	4R	4H	2W	
275.23	276.76	1.53	1.47	96	0.59	39	4R	4H	2W	
276.76	278.28	1.52	0.68	45	0.22	14	4R	4H	2W	
278.28	279.81	1.53	1.24	81	0.77	50	4R	4H	1W	
279.81	281.33	1.52	1.28	84	0.68	45	3R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
281.33	282.85	1.52	1.12	74	0.69	45	3R	4H	1W	
282.85	284.38	1.53	1.34	88	0.63	41	4R	3H	1W	
284.38	285.90	1.52	1.15	76	0.62	41	3R	4H	1W	
285.90	287.43	1.53	1.34	88	0.95	62	4R	4H	1W	
287.43	288.95	1.52	0.67	44	0.00	0	4R	4H	2W	
288.95	290.47	1.52	0.79	52	0.12	8	3R	4H	3W	
290.47	292.00	1.53	0.74	48	0.00	0	3R	3H	1W	
292.00	293.52	1.52	1.11	73	0.32	21	2R	3H	1W	
293.52	295.05	1.53	0.89	58	0.00	0	3R	3H	1W	
295.05	296.57	1.52	0.79	52	0.00	0	4R	3H	1W	
296.57	298.09	1.52	1.31	86	0.60	39	4R	3H	1W	
298.09	299.62	1.53	1.2	78	0.55	36	4R	3H	1W	
299.62	301.14	1.52	1.5	99	0.80	53	4R	4H	1W	
301.14	302.67	1.53	1.43	93	1.06	69	4R	4H	1W	
302.67	304.19	1.52	1.52	100	1.03	68	4R	4H	1W	
304.19	305.71	1.52	1.51	99	1.46	96	4R	4H	1W	
305.71	307.24	1.53	1.47	96	1.28	84	4R	4H	1W	
307.24	308.76	1.52	1.4	92	1.19	78	4R	4H	1W	
308.76	310.29	1.53	1.48	97	1.39	91	4R	4H	1W	
310.29	311.81	1.52	1.5	99	1.36	89	4R	3H	1W	
311.81	313.33	1.52	1.52	100	1.52	100	0R	3H	1W	
313.33	314.86	1.53	1.52	99	1.44	94	0R	3H	1W	
314.86	316.38	1.52	1.52	100	1.52	100	0R	3H	1W	
316.38	317.91	1.53	1.53	100	1.53	100	0R	3H	1W	
317.91	319.43	1.52	1.43	94	1.43	94	0R	3H	1W	
319.43	320.95	1.52	1.52	100	1.48	97	0R	3H	1W	
320.95	322.48	1.53	1.53	100	1.35	88	0R	3H	1W	EOH

Sample Log

OS -13-211

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M400301	13-025		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400302	13-025			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400304	13-025			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400317	13-026		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400322	13-026			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400328	13-026		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400334	13-026			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400350	13-029		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400355	13-029			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400361	13-029		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400370	13-029			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M399981	13-025		CS1	☐	☐	☐
2.44	8.53	6.09	MST, OVB	1.54	25	N831436	13-C04	Chip		☐	☐	☐
8.53	14.63	6.10	MST	4.62	76	N831437	13-C04	Chip		☐	☐	☐
14.63	20.73	6.10	MST	5.28	87	N831438	13-C04	Chip		☐	☐	☐
20.73	26.82	6.09	MST	5.62	92	N831439	13-C04	Chip		☐	☐	☐
26.82	32.92	6.10	MST	5.70	93	N831440	13-C04	Chip		☐	☐	☐
32.92	39.01	6.09	MST	5.69	93	N831441	13-C04	Chip		☐	☐	☐
39.01	42.06	3.05	MST	2.80	92	N831472	13-C04	Chip		☐	☐	☐
42.06	48.16	6.10	MST	4.68	77	N831473	13-C04	Chip		☐	☐	☐
48.16	54.25	6.09	MST	4.75	78	N831474	13-C04	Chip		☐	☐	☐
54.25	59.20	4.95	MST	4.07	82	N831475	13-C04	Chip		☐	☐	☐
59.20	64.92	5.72	MST, LST	3.88	68	N831476	13-C04	Chip		☐	☐	☐
64.92	71.02	6.10	LST	4.10	67	N831477	13-C04	Chip		☐	☐	☐
71.02	77.11	6.09	LST	5.11	84	N831478	13-C04	Chip		☐	☐	☐
77.11	79.00	1.89	LST	1.37	72	M399979	13-025			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
79.00	81.69	2.69	LST	2.51	93	M399980	13-025			☐	☐	☐
81.69	84.73	3.04	LST	2.16	71	M399982	13-025			☐	☐	☐
84.73	87.78	3.05	LST	2.11	69	M399983	13-025			☐	☐	☐
87.78	90.83	3.05	LST	2.38	78	M399984	13-025			☐	☐	☐
90.83	93.88	3.05	LST	2.17	71	M399985	13-025			☐	☐	☐
93.88	96.93	3.05	LST	2.40	79	M399986	13-025			☐	☐	☐
96.93	99.97	3.04	LST	2.52	83	M399987	13-025			☐	☐	☐
99.97	103.02	3.05	LST	2.27	74	M399988	13-025			☐	☐	☐
103.02	106.07	3.05	LST	2.39	78	M399989	13-025			☐	☐	☐
106.07	109.12	3.05	LST	2.27	74	M399990	13-025			☐	☐	☐
106.07	109.12	3.05	LST	2.27	74	M399991	13-025			☐	☑	☐
109.12	112.17	3.05	LST	2.63	86	M399992	13-025			☐	☐	☐
112.17	115.21	3.04	LST	2.96	97	M399993	13-025			☐	☐	☐
115.21	118.26	3.05	LST	2.90	95	M399994	13-025			☐	☐	☐
118.26	121.31	3.05	MST, LST	3.05	100	M399995	13-025			☐	☐	☐
121.31	124.36	3.05	MST	2.83	93	M399996	13-025			☐	☐	☐
124.36	127.41	3.05	MST	2.98	98	M399997	13-025			☐	☐	☐
127.41	130.25	2.84	MST	2.80	99	M399998	13-025			☐	☐	☐
130.25	131.98	1.73	LST, MST	1.36	79	M399999	13-025			☐	☐	☐
131.98	135.03	3.05	LST	3.05	100	M400000	13-025			☐	☐	☐
135.03	138.07	3.04	LST	3.00	99	M400303	13-025			☐	☐	☐
138.07	141.12	3.05	LST	2.87	94	M400305	13-025			☐	☐	☐
141.12	144.17	3.05	LST	2.92	96	M400307	13-026			☐	☐	☐
144.17	147.22	3.05	LST	2.94	96	M400308	13-026			☐	☐	☐
147.22	150.27	3.05	LST	3.02	99	M400309	13-026			☐	☐	☐
150.27	153.31	3.04	LST	2.75	90	M400310	13-026			☐	☐	☐
150.27	153.31	3.04	LST	2.75	90	M400311	13-026			☐	☑	☐
153.31	156.36	3.05	LST	2.96	97	M400312	13-026			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
156.36	159.41	3.05	LST	2.72	89	M400313	13-026			☐	☐	☐
159.41	162.46	3.05	LST	2.91	95	M400314	13-026			☐	☐	☐
162.46	165.51	3.05	LST	2.96	97	M400315	13-026			☐	☐	☐
165.51	168.55	3.04	LST	2.89	95	M400316	13-026			☐	☐	☐
168.55	171.60	3.05	LST	2.89	95	M400318	13-026			☐	☐	☐
171.60	174.65	3.05	LST	2.93	96	M400319	13-026			☐	☐	☐
174.65	177.70	3.05	LST	3.05	100	M400320	13-026			☐	☐	☐
177.70	180.75	3.05	LST	2.85	93	M400321	13-026			☐	☐	☐
180.75	183.79	3.04	LST	2.96	97	M400323	13-026			☐	☐	☐
183.79	186.84	3.05	LST	3.01	99	M400324	13-026			☐	☐	☐
186.84	189.89	3.05	LST	2.97	97	M400325	13-026			☐	☐	☐
189.89	192.94	3.05	LST	2.71	89	M400326	13-026			☐	☐	☐
192.94	195.98	3.04	LST	2.67	88	M400327	13-026			☐	☐	☐
195.98	199.03	3.05	LST	1.86	61	M400329	13-026			☐	☐	☐
199.03	202.08	3.05	LST, LST	2.79	91	M400330	13-026			☐	☐	☐
202.08	205.13	3.05	LST	2.78	91	M400331	13-026			☐	☐	☐
205.13	208.18	3.05	LST	2.67	88	M400332	13-026			☐	☐	☐
208.18	211.23	3.05	LST	2.17	71	M400333	13-026			☐	☐	☐
211.23	214.27	3.04	LST	2.37	78	M400335	13-026			☐	☐	☐
214.27	217.32	3.05	LST	2.77	91	M400336	13-026			☐	☐	☐
217.32	220.37	3.05	LST, LST	2.98	98	M400337	13-026			☐	☐	☐
217.32	220.37	3.05	LST, LST	2.98	98	M400338	13-026			☐	☐	☑
220.37	223.42	3.05	LST	2.98	98	M400339	13-026			☐	☐	☐
223.42	226.47	3.05	LST	2.98	98	M400340	13-026			☐	☐	☐
226.47	229.51	3.04	LST	2.96	97	M400341	13-026			☐	☐	☐
229.51	232.56	3.05	LST	3.02	99	M400342	13-026			☐	☐	☐
232.56	235.61	3.05	LST	3.03	99	M400343	13-029			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
235.61	238.66	3.05	LST	2.89	95	M400344	13-029			☐	☐	☐
238.66	241.71	3.05	LST	2.90	95	M400345	13-029			☐	☐	☐
241.71	244.75	3.04	LST	2.89	95	M400346	13-029			☐	☐	☐
244.75	247.80	3.05	LST	2.92	96	M400347	13-029			☐	☐	☐
247.80	250.85	3.05	LST	2.65	87	M400348	13-029			☐	☐	☐
250.85	253.90	3.05	LST	2.62	86	M400349	13-029			☐	☐	☐
253.90	256.95	3.05	LST	2.73	90	M400351	13-029			☐	☐	☐
256.95	259.99	3.04	LST	2.71	89	M400352	13-029			☐	☐	☐
259.99	263.04	3.05	LST	2.99	98	M400353	13-029			☐	☐	☐
263.04	266.09	3.05	LST	2.80	92	M400354	13-029			☐	☐	☐
266.09	269.14	3.05	LST	2.68	88	M400356	13-029			☐	☐	☐
269.14	272.19	3.05	LST	2.95	97	M400357	13-029			☐	☐	☐
272.19	275.23	3.04	LST	2.22	73	M400358	13-029			☐	☐	☐
275.23	278.28	3.05	LST	2.15	70	M400359	13-029			☐	☐	☐
278.28	281.33	3.05	LST	2.52	83	M400360	13-029			☐	☐	☐
281.33	284.38	3.05	LST	2.46	81	M400362	13-029			☐	☐	☐
284.38	287.43	3.05	LST	2.49	82	M400363	13-029			☐	☐	☐
287.43	290.47	3.04	LST	1.46	48	M400364	13-029			☐	☐	☐
287.43	290.47	3.04	LST	1.46	48	M400365	13-029			☐	☐	☑
290.47	293.52	3.05	LST	1.85	61	M400366	13-029			☐	☐	☐
293.52	296.57	3.05	LST	1.68	55	M400367	13-029			☐	☐	☐
296.57	299.62	3.05	LST	2.51	82	M400368	13-029			☐	☐	☐
299.62	302.67	3.05	LST	2.93	96	M400369	13-029			☐	☐	☐
302.67	305.71	3.04	LST	3.03	100	M400371	13-029			☐	☐	☐
305.71	308.76	3.05	LST	2.87	94	M400372	13-029			☐	☐	☐
308.76	311.81	3.05	LST	2.98	98	M400373	13-029			☐	☐	☐
311.81	313.73	1.92	LST	1.91	99	M400374	13-029			☐	☐	☐
311.81	313.73	1.92	LST	1.91	99	M400375	13-029			☐	☑	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
313.73	316.38	2.65	LST, MST	2.65	100	M400376	13-029			☐	☐	☐
316.38	322.48	6.10	MST	6.10	100	N831490	13-C04	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629013	7111566	1499.04	381.91

ZONE: Isis East

SECTION: IE075aE

HOLE: OS -13-212

CLAIM: Sten 39

Contractor: Superior

Drill: 6

Core Size: HQ-NQ

Casing Depth: 1.52m, Out

Drilling Dates: Jul 18 - Jul 22, 2013

Geology Logged By: M. Pultz

SURVEY			
Depth (m)	Azimuth	Dip	Method
74.98	8.42	-51.5	Reflex
381.91	45.32	-55.1	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1	1	OVB
1	83	82	LST
83	129.33	46.33	DMT
129.33	195.84	66.51	DST
195.84	381.91	186.07	LST

SAMPLES	
Numbers:	M397867 to M397943, N831491 to N831505, N831515 to N831531, N831540 to N831541
Total:	111
Batch:	028, 030, 032, 035, C05
Certificates:	WH13135030, WH13136076, WH13137047, WH13138740, WH13142555

COMMENTS
Hole shutdown after it past target depth

OS -13-212

Nadaleen
Isis East Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.00	1.00	OVB	--	Casing no recovery							
						--	--	---	---	--	--	0
1.00	83.00	82.00	LST	MG	Bedded limestone with interbeds of variably limey siltstone and quartz pebble conglomerate.							
						MD	GY	BD	OXI	3I	Py	0.5
83.00	129.33	46.33	DMT	FG	Diamictite horizon sandwiched between two horizons of bedded mudstone							
						MD	GY	MA				
						MD	GN	BD	OXI	1I	Py	0.5
129.33	195.84	66.51	DST	FG	Massive to bedded to crackle brecciated dolostone with minor sequences of rudstone. Local trace to minor mineralization associated with faulting and fracturing.							
								BD				
								RD			Py	0.5
								BX			Py	0.5
						MD	GY	MA	DCA	1I	Re	0.5
195.84	381.91	186.07	LST	FG	Bedded limestone with variably limey muddy silt interbeds. Zone of minor mineralization associated with fractures, faulting and folding.							
									ASO	1I	Py	0.5
						MD	GY	BD	OXI	1I	Re	0.5

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.00	1.00	0	0	0.00	0	0R	--	--	No Recovery
1.00	1.52	0.52	0.38	73	0.00	0	4R	3H	3W	
1.52	3.05	1.53	1.25	82	0.26	17	4R	3H	2W	
3.05	4.57	1.52	1.48	97	0.30	20	4R	3H	2W	
4.57	6.10	1.53	1.43	93	0.24	16	4R	3H	2W	
6.10	7.62	1.52	1.37	90	0.00	0	4R	3H	2W	
7.62	9.14	1.52	1.44	95	0.72	47	4R	3H	2W	
9.14	10.67	1.53	1.53	100	0.47	31	4R	3H	1W	
10.67	12.19	1.52	1.48	97	0.12	8	4R	3H	1W	
12.19	13.72	1.53	1.39	91	0.94	61	4R	3H	1W	
13.72	15.24	1.52	1.32	87	0.20	13	4R	3H	1W	
15.24	16.76	1.52	1.45	95	1.00	66	4R	3H	1W	
16.76	18.24	1.48	1.42	96	0.95	64	4R	3H	1W	
18.24	19.81	1.57	1.49	95	1.02	65	4R	3H	1W	
19.81	21.34	1.53	1.5	98	0.89	58	4R	3H	1W	
21.34	22.86	1.52	1.38	91	0.54	36	4R	4H	1W	
22.86	24.38	1.52	1.52	100	0.95	63	4R	3H	1W	
24.38	25.91	1.53	1.5	98	0.87	57	4R	4H	1W	
25.91	27.43	1.52	1.46	96	0.37	24	4R	3H	1W	
27.43	28.96	1.53	0.99	65	0.11	7	4R	3H	1W	
28.96	30.48	1.52	1.48	97	1.08	71	4R	3H	1W	
30.48	32.00	1.52	1.52	100	1.26	83	4R	4H	1W	
32.00	33.53	1.53	1.47	96	0.64	42	4R	4H	1W	
33.53	35.05	1.52	1.52	100	0.60	39	4R	4H	1W	
35.05	36.58	1.53	1.52	99	0.56	37	4R	4H	1W	
36.58	38.10	1.52	1.38	91	0.43	28	4R	4H	1W	
38.10	39.62	1.52	1.51	99	0.34	22	4R	4H	1W	
39.62	41.15	1.53	1.45	95	0.70	46	4R	4H	1W	
41.15	42.67	1.52	1.39	91	0.90	59	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
42.67	44.20	1.53	1.44	94	0.63	41	4R	4H	1W	
44.20	45.72	1.52	1.43	94	0.67	44	4R	4H	1W	
45.72	47.24	1.52	1.48	97	1.07	70	4R	4H	1W	
47.24	48.77	1.53	1.36	89	0.41	27	4R	4H	1W	
48.77	50.29	1.52	1.52	100	1.19	78	4R	4H	1W	
50.29	51.82	1.53	1.21	79	0.81	53	4R	4H	1W	
51.82	53.34	1.52	1.52	100	0.99	65	4R	4H	1W	
53.34	54.86	1.52	1.41	93	0.43	28	4R	4H	1W	
54.86	56.39	1.53	1.35	88	0.32	21	4R	4H	1W	
56.39	57.91	1.52	1.52	100	0.56	37	4R	4H	1W	
57.91	59.44	1.53	1.24	81	0.41	27	4R	4H	1W	
59.44	60.96	1.52	1.45	95	0.29	19	4R	4H	1W	
60.96	62.48	1.52	1.25	82	0.56	37	4R	4H	1W	
62.48	64.01	1.53	1.46	95	0.18	12	4R	4H	1W	
64.01	65.53	1.52	1.52	100	1.04	68	3R	4H	1W	
65.53	67.06	1.53	1.49	97	0.54	35	3R	4H	1W	
67.06	68.58	1.52	1.36	89	0.41	27	3R	4H	1W	
68.58	70.10	1.52	1.42	93	0.87	57	3R	4H	1W	
70.10	71.63	1.53	1.49	97	1.07	70	4R	4H	1W	
71.63	73.15	1.52	1.45	95	1.39	91	4R	4H	1W	
73.15	74.68	1.53	1.49	97	1.18	77	4R	4H	1W	
74.68	76.20	1.52	1.52	100	1.15	76	4R	4H	1W	
76.20	77.72	1.52	1.42	93	0.72	47	4R	4H	1W	
77.72	79.25	1.53	1.53	100	0.19	12	4R	4H	1W	
79.25	80.77	1.52	1.52	100	0.00	0	4R	4H	1W	
80.77	82.30	1.53	1.51	99	0.48	31	4R	4H	1W	
82.30	83.82	1.52	1.36	89	0.48	32	0R	3H	1W	
83.82	85.34	1.52	1.25	82	0.38	25	0R	3H	1W	
85.34	86.87	1.53	1.53	100	0.43	28	0R	3H	1W	
86.87	88.39	1.52	1.48	97	0.74	49	0R	3H	1W	
88.39	89.92	1.53	1.36	89	1.07	70	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.92	91.44	1.52	1.49	98	1.26	83	0R	3H	1W	
91.44	92.96	1.52	1.52	100	1.52	100	0R	3H	1W	
92.96	94.49	1.53	1.5	98	1.23	80	0R	3H	1W	
94.49	96.01	1.52	1.52	100	0.68	45	0R	3H	1W	
96.01	97.54	1.53	1.38	90	0.91	59	0R	3H	1W	
97.54	99.06	1.52	1.52	100	1.11	73	0R	3H	1W	
99.06	100.58	1.52	1.34	88	0.87	57	0R	3H	1W	
100.58	102.11	1.53	1.51	99	0.93	61	0R	3H	1W	
102.11	103.63	1.52	1.24	82	0.92	61	0R	3H	1W	
103.63	105.16	1.53	1.39	91	1.23	80	0R	3H	1W	
105.16	106.68	1.52	0.97	64	0.54	36	0R	3H	1W	
106.68	108.20	1.52	1.52	100	1.35	89	0R	3H	1W	
108.20	109.73	1.53	1.28	84	0.97	63	0R	3H	1W	
109.73	111.25	1.52	1.51	99	1.35	89	0R	3H	1W	
111.25	112.78	1.53	1.39	91	1.40	92	0R	3H	1W	
112.78	114.30	1.52	1.51	99	1.20	79	0R	3H	1W	
114.30	115.82	1.52	1.39	91	1.06	70	0R	3H	1W	
115.82	117.35	1.53	1.2	78	1.20	78	0R	3H	1W	
117.35	118.87	1.52	1.28	84	1.10	72	0R	3H	1W	
118.87	120.40	1.53	1.46	95	0.89	58	0R	3H	1W	
120.40	121.94	1.54	1.52	99	1.12	73	0R	3H	1W	
121.94	123.44	1.50	1.47	98	1.02	68	0R	3H	1W	
123.44	124.97	1.53	1.42	93	0.36	24	0R	3H	1W	
124.97	126.49	1.52	1.33	88	0.67	44	0R	3H	1W	
126.49	128.02	1.53	1.37	90	0.68	44	0R	3H	1W	
128.02	129.54	1.52	1.4	92	0.55	36	0R	3H	1W	
129.54	131.06	1.52	1.42	93	1.27	84	1R	4H	1W	
131.06	134.11	3.05	1.23	40	0.39	13	1R	4H	1W	
134.11	135.64	1.53	1.53	100	0.66	43	1R	4H	1W	
135.64	137.16	1.52	1.52	100	0.89	59	1R	4H	1W	
137.16	138.68	1.52	1.47	97	1.17	77	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.68	140.21	1.53	1.42	93	0.95	62	1R	4H	1W	
140.21	141.73	1.52	1.36	89	0.66	43	1R	4H	1W	
141.73	143.26	1.53	1.53	100	0.95	62	1R	4H	1W	
143.26	144.78	1.52	1.52	100	1.14	75	1R	4H	1W	
144.78	146.30	1.52	1.39	91	0.84	55	1R	4H	1W	
146.30	147.83	1.53	1.53	100	0.86	56	1R	4H	1W	
147.83	149.35	1.52	1.32	87	0.73	48	1R	4H	1W	
149.35	150.88	1.53	1.45	95	0.64	42	1R	4H	1W	
150.88	152.40	1.52	1.43	94	1.04	68	1R	4H	1W	
152.40	153.92	1.52	1.52	100	0.97	64	1R	4H	1W	
153.92	155.45	1.53	1.3	85	1.05	69	1R	4H	1W	
155.45	156.97	1.52	1.43	94	1.22	80	1R	3H	1W	
156.97	158.50	1.53	1.35	88	1.11	73	1R	4H	1W	
158.50	160.02	1.52	1.32	87	0.66	43	1R	3H	1W	
160.02	161.54	1.52	1.37	90	0.88	58	1R	4H	1W	
161.54	163.04	1.50	1.44	96	0.69	46	1R	4H	1W	
163.04	164.59	1.55	1.32	85	0.40	26	1R	4H	1W	
164.59	167.64	3.05	1.35	44	0.89	29	1R	4H	1W	
167.64	169.16	1.52	1.36	89	1.23	81	2R	4H	1W	
169.16	170.69	1.53	1.49	97	1.15	75	1R	4H	1W	
170.69	172.21	1.52	1.48	97	1.42	93	1R	4H	1W	
172.21	173.74	1.53	1.49	97	1.23	80	2R	4H	1W	
173.74	175.26	1.52	1.36	89	1.14	75	0R	3H	1W	
175.26	176.78	1.52	1.1	72	0.86	57	1R	4H	1W	
176.78	178.31	1.53	1.49	97	1.04	68	1R	4H	1W	
178.31	179.83	1.52	1.4	92	1.22	80	1R	4H	1W	
179.83	181.36	1.53	1.47	96	1.06	69	1R	3H	1W	
181.36	182.88	1.52	1.37	90	0.97	64	1R	3H	1W	
182.88	184.40	1.52	1.52	100	1.25	82	1R	4H	1W	
184.40	185.93	1.53	1.45	95	1.04	68	1R	4H	1W	
185.93	187.45	1.52	1.52	100	0.96	63	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
187.45	188.98	1.53	1.4	92	1.40	92	1R	3H	1W	
188.98	190.50	1.52	1.5	99	0.67	44	1R	3H	1W	
190.50	192.02	1.52	1.42	93	1.33	88	1R	3H	1W	
192.02	193.55	1.53	1.53	100	1.42	93	1R	3H	1W	
193.55	195.07	1.52	1.36	89	1.28	84	1R	3H	1W	
195.07	196.60	1.53	1.49	97	1.11	73	4R	3H	1W	
196.60	198.12	1.52	1.43	94	1.19	78	4R	4H	1W	
198.12	199.64	1.52	1.49	98	1.24	82	4R	3H	1W	
199.64	201.17	1.53	1.41	92	1.19	78	4R	3H	1W	
201.17	202.69	1.52	1.52	100	0.92	61	4R	3H	1W	
202.69	204.22	1.53	1.37	90	1.22	80	4R	3H	1W	
204.22	205.74	1.52	1.48	97	1.12	74	4R	3H	1W	
205.74	207.26	1.52	1.46	96	1.10	72	4R	3H	1W	
207.26	208.79	1.53	1.53	100	1.31	86	4R	4H	1W	
208.79	210.31	1.52	1.49	98	1.29	85	4R	4H	1W	
210.31	211.84	1.53	1.41	92	0.83	54	1R	3H	1W	
211.84	213.36	1.52	1.34	88	0.83	55	4R	4H	1W	
213.36	214.88	1.52	1.52	100	1.52	100	4R	4H	1W	
214.88	216.41	1.53	1.48	97	1.34	88	4R	4H	1W	
216.41	217.93	1.52	1.48	97	0.86	57	4R	4H	1W	
217.93	219.46	1.53	1.36	89	1.14	75	4R	3H	1W	
219.46	220.98	1.52	1.3	86	1.10	72	4R	4H	1W	
220.98	222.50	1.52	1.44	95	0.59	39	4R	3H	1W	
222.50	224.03	1.53	1.31	86	1.02	67	4R	4H	1W	
224.03	225.55	1.52	1.52	100	0.48	32	4R	4H	1W	
225.55	227.08	1.53	1.44	94	0.49	32	4R	4H	1W	
227.08	228.60	1.52	1.13	74	0.52	34	4R	3H	1W	
228.60	230.12	1.52	1.38	91	0.00	0	4R	4H	1W	
230.12	231.65	1.53	1.44	94	0.53	35	4R	4H	1W	
231.65	233.17	1.52	1.02	67	0.35	23	4R	4H	1W	
233.17	234.70	1.53	1.5	98	0.48	31	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
234.70	236.22	1.52	1.4	92	0.40	26	4R	4H	1W	
236.22	237.74	1.52	1.32	87	0.00	0	4R	4H	1W	
237.74	239.27	1.53	1.51	99	0.86	56	4R	3H	1W	
239.27	240.79	1.52	1.51	99	0.87	57	4R	3H	1W	
240.79	242.62	1.83	1.53	84	0.70	38	4R	4H	1W	
242.62	245.36	2.74	2.01	73	0.72	26	4R	4H	1W	
245.36	248.41	3.05	2.7	89	1.70	56	4R	4H	1W	
248.41	251.46	3.05	2.69	88	1.30	43	4R	4H	1W	
251.46	254.51	3.05	2.93	96	1.68	55	4R	4H	1W	
254.51	257.56	3.05	3.05	100	1.48	49	4R	4H	1W	
257.56	260.60	3.04	3.04	100	2.67	88	4R	4H	1W	
260.60	263.65	3.05	2.97	97	1.15	38	1R	3H	1W	
263.65	266.70	3.05	2.8	92	1.57	51	1R	3H	1W	
266.70	269.75	3.05	3.05	100	1.65	54	1R	3H	1W	
269.75	272.80	3.05	2.98	98	2.07	68	1R	3H	1W	
272.80	275.84	3.04	3.04	100	2.15	71	1R	3H	1W	
275.84	278.89	3.05	3.05	100	0.86	28	1R	3H	1W	
278.89	281.94	3.05	2.89	95	1.80	59	1R	3H	1W	
281.94	284.99	3.05	2.92	96	2.04	67	1R	3H	1W	
284.99	288.04	3.05	2.89	95	2.10	69	4R	3H	1W	
288.04	291.08	3.04	2.93	96	2.11	69	4R	4H	1W	
291.08	294.13	3.05	2.93	96	2.00	66	4R	4H	1W	
294.13	297.18	3.05	2.84	93	2.23	73	4R	4H	1W	
297.18	300.23	3.05	3.02	99	2.59	85	1R	3H	1W	
300.23	303.28	3.05	3.04	100	2.74	90	1R	3H	1W	
303.28	306.32	3.04	2.95	97	2.67	88	3R	4H	1W	
306.32	309.37	3.05	2.97	97	2.76	90	1R	3H	1W	
309.37	312.42	3.05	2.97	97	2.55	84	1R	3H	1W	
312.42	315.47	3.05	2.74	90	2.08	68	3R	3H	1W	
315.47	318.52	3.05	3	98	1.60	52	1R	3H	1W	
318.52	321.56	3.04	3.04	100	1.30	43	1R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
321.56	324.61	3.05	2.75	90	0.97	32	4R	4H	1W	
324.61	326.14	1.53	1.42	93	0.88	58	4R	4H	1W	
326.14	329.18	3.04	2.34	77	1.35	44	4R	4H	1W	
329.18	332.23	3.05	2.78	91	1.39	46	3R	3H	1W	
332.23	333.76	1.53	1.43	93	0.87	57	3R	3H	1W	
333.76	336.80	3.04	2.8	92	1.60	53	3R	4H	1W	
336.80	339.85	3.05	3.05	100	1.78	58	4R	4H	1W	
339.85	342.90	3.05	2.7	89	1.31	43	4R	4H	1W	
342.90	345.95	3.05	2.83	93	1.87	61	4R	4H	1W	
345.95	349.00	3.05	2.95	97	2.39	78	4R	4H	1W	
349.00	352.04	3.04	3.04	100	2.29	75	1R	3H	1W	
352.04	355.09	3.05	2.72	89	1.80	59	1R	4H	1W	
355.09	358.14	3.05	2.96	97	2.64	87	0R	3H	1W	
358.14	361.19	3.05	2.91	95	2.78	91	3R	4H	1W	
361.19	364.24	3.05	2.96	97	2.48	81	4R	3H	1W	
364.24	367.28	3.04	3.04	100	2.96	97	4R	4H	1W	
367.28	370.33	3.05	3.05	100	2.85	93	1R	3H	1W	
370.33	373.38	3.05	3.05	100	2.40	79	4R	4H	1W	
373.38	376.43	3.05	3.05	100	2.76	90	4R	4H	1W	
376.43	379.48	3.05	3	98	3.00	98	4R	4H	1W	
379.48	381.91	2.43	2.24	92	1.65	68	4R	4H	1W	

Sample Log

OS -13-212

Nadaleen
Isis East Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M397884	13-030			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397890	13-030		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397899	13-030			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397909	13-032		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397913	13-032			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397935	13-032		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397938	13-032			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397878	13-030		CS1	☐	☐	☐
1.00	3.05	2.05	LST, OVB	1.63	80	M397867	13-028			☐	☐	☐
3.05	6.10	3.05	LST	2.91	95	M397868	13-030			☐	☐	☐
6.10	9.14	3.04	LST	2.80	92	M397869	13-030			☐	☐	☐
9.14	12.19	3.05	LST	2.97	97	M397870	13-030			☐	☐	☐
12.19	15.24	3.05	LST	2.71	89	M397871	13-030			☐	☐	☐
15.24	18.29	3.05	LST	2.98	98	M397872	13-030			☐	☐	☐
18.29	21.34	3.05	LST	2.99	98	M397873	13-030			☐	☐	☐
21.34	24.38	3.04	LST	2.90	95	M397874	13-030			☐	☐	☐
21.34	24.38	3.04	LST	2.90	95	M397875	13-030			☐	☑	☐
24.38	27.43	3.05	LST	2.96	97	M397876	13-030			☐	☐	☐
27.43	30.48	3.05	LST	2.47	81	M397877	13-030			☐	☐	☐
30.48	33.53	3.05	LST	3.01	99	M397879	13-030			☐	☐	☐
33.53	36.58	3.05	LST	3.05	100	M397880	13-030			☐	☐	☐
36.58	39.62	3.04	LST	2.89	95	M397881	13-030			☐	☐	☐
39.62	42.67	3.05	LST	2.84	93	M397882	13-030			☐	☐	☐
42.67	45.72	3.05	LST	2.87	94	M397883	13-030			☐	☐	☐
45.72	48.77	3.05	LST	2.84	93	M397885	13-030			☐	☐	☐
48.77	54.86	6.09	LST	5.66	93	N831491	13-C05	Chip		☐	☐	☐
54.86	60.96	6.10	LST	5.56	91	N831492	13-C05	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
60.96	67.06	6.10	LST	5.72	94	N831493	13-C05	Chip		☐	☐	☐
67.06	73.15	6.09	LST	5.62	92	N831494	13-C05	Chip		☐	☐	☐
73.15	79.25	6.10	LST	5.93	97	N831495	13-C05	Chip		☐	☐	☐
79.25	83.00	3.75	LST	3.31	88	N831496	13-C05	Chip		☐	☐	☐
83.00	85.34	2.34	DMT, LST	2.08	89	N831497	13-C05	Chip		☐	☐	☐
85.34	91.44	6.10	DMT	5.86	96	N831498	13-C05	Chip		☐	☐	☐
91.44	97.54	6.10	DMT	5.92	97	N831499	13-C05	Chip		☐	☐	☐
97.54	103.63	6.09	DMT	5.67	93	N831500	13-C05	Chip		☐	☐	☐
103.63	109.73	6.10	DMT	5.16	85	N831501	13-C05	Chip		☐	☐	☐
109.73	115.82	6.09	DMT	5.80	95	N831502	13-C05	Chip		☐	☐	☐
115.82	121.92	6.10	DMT	5.40	89	N831503	13-C05	Chip		☐	☐	☐
121.92	124.97	3.05	DMT	2.91	95	N831504	13-C05	Chip		☐	☐	☐
124.97	129.33	4.36	DMT	3.97	91	N831505	13-C05	Chip		☐	☐	☐
129.33	131.06	1.73	DMT, DST	1.47	85	M397886	13-030			☐	☐	☐
131.06	134.11	3.05	DST	2.69	88	M397887	13-030			☐	☐	☐
134.11	137.16	3.05	DST	3.05	100	M397888	13-030			☐	☐	☐
137.16	140.21	3.05	DST	2.91	95	M397889	13-030			☐	☐	☐
140.21	143.26	3.05	DST	2.89	95	M397891	13-030			☐	☐	☐
143.26	146.30	3.04	DST	2.91	96	M397892	13-030			☐	☐	☐
146.30	149.35	3.05	DST	2.85	93	M397893	13-030			☐	☐	☐
149.35	152.40	3.05	DST	2.88	94	M397894	13-030			☐	☐	☐
152.40	155.45	3.05	DST	2.82	92	M397895	13-030			☐	☐	☐
152.40	155.45	3.05	DST	2.82	92	M397896	13-030			☐	☐	☑
155.45	158.50	3.05	DST	2.78	91	M397897	13-030			☐	☐	☐
158.50	161.54	3.04	DST	2.69	88	M397898	13-030			☐	☐	☐
161.54	164.59	3.05	DST	2.76	90	M397900	13-030			☐	☐	☐
164.59	167.64	3.05	DST	2.64	87	M397901	13-030			☐	☐	☐
167.64	170.69	3.05	DST	2.85	93	M397902	13-030			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
170.69	173.74	3.05	DST	2.97	97	M397903	13-030			☐	☐	☐
173.74	176.78	3.04	DST	2.46	81	M397904	13-032			☐	☐	☐
176.78	179.83	3.05	DST	2.89	95	M397905	13-032			☐	☐	☐
179.83	182.88	3.05	DST	2.84	93	M397906	13-032			☐	☐	☐
182.88	185.93	3.05	DST	2.97	97	M397907	13-032			☐	☐	☐
185.93	188.98	3.05	DST	2.92	96	M397908	13-032			☐	☐	☐
188.98	192.02	3.04	DST	2.92	96	M397910	13-032			☐	☐	☐
192.02	194.00	1.98	DST	1.92	97	M397911	13-032			☐	☐	☐
194.00	195.84	1.84	DST	1.76	96	M397912	13-032			☐	☐	☐
195.84	198.12	2.28	LST, DST	2.00	88	M397914	13-032			☐	☐	☐
198.12	201.17	3.05	LST	2.90	95	M397915	13-032			☐	☐	☐
201.17	204.22	3.05	LST	2.89	95	M397916	13-032			☐	☐	☐
204.22	207.26	3.04	LST	2.94	97	M397917	13-032			☐	☐	☐
207.26	210.31	3.05	LST	2.92	96	M397918	13-032			☐	☐	☐
207.26	210.31	3.05	LST	2.92	96	M397919	13-032			☐	☑	☐
210.31	213.36	3.05	LST	2.72	89	M397920	13-032			☐	☐	☐
213.36	216.41	3.05	LST	3.00	98	M397921	13-032			☐	☐	☐
216.41	219.46	3.05	LST	2.84	93	M397922	13-032			☐	☐	☐
219.46	222.50	3.04	LST	2.74	90	M397923	13-032			☐	☐	☐
222.50	225.55	3.05	LST	2.83	93	M397924	13-032			☐	☐	☐
225.55	228.60	3.05	LST	2.57	84	M397925	13-032			☐	☐	☐
228.60	231.65	3.05	LST	2.82	92	M397926	13-032			☐	☐	☐
231.65	234.70	3.05	LST	2.52	83	M397927	13-032			☐	☐	☐
234.70	237.74	3.04	LST	2.72	89	M397928	13-032			☐	☐	☐
237.74	240.79	3.05	LST	2.93	96	M397929	13-032			☐	☐	☐
237.74	240.79	3.05	LST	2.93	96	M397930	13-032			☐	☐	☑
240.79	242.62	1.83	LST	0.70	38	N831515	13-C05	Chip		☐	☐	☐
242.62	248.41	5.79	LST	4.71	81	N831516	13-C05	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
248.41	254.51	6.10	LST	5.62	92	N831517	13-C05	Chip		☐	☐	☐
254.51	260.60	6.09	LST	6.09	100	N831518	13-C05	Chip		☐	☐	☐
260.60	266.70	6.10	LST	5.77	95	N831519	13-C05	Chip		☐	☐	☐
266.70	272.80	6.10	LST	6.04	99	N831520	13-C05	Chip		☐	☐	☐
272.80	278.90	6.10	LST	6.09	100	N831521	13-C05	Chip		☐	☐	☐
278.90	284.99	6.09	LST	5.81	95	N831522	13-C05	Chip		☐	☐	☐
284.99	291.08	6.09	LST	5.82	96	N831523	13-C05	Chip		☐	☐	☐
291.08	297.18	6.10	LST	5.77	95	N831524	13-C05	Chip		☐	☐	☐
297.18	303.28	6.10	LST	6.06	99	N831525	13-C05	Chip		☐	☐	☐
303.28	306.32	3.04	LST	2.95	97	M397931	13-032			☐	☐	☐
306.32	309.37	3.05	LST	2.97	97	M397932	13-032			☐	☐	☐
309.37	312.42	3.05	LST	2.97	97	M397933	13-032			☐	☐	☐
312.42	315.47	3.05	LST	2.74	90	M397934	13-032			☐	☐	☐
315.47	318.52	3.05	LST	3.00	98	M397936	13-032			☐	☐	☐
318.52	321.56	3.04	LST	3.04	100	M397937	13-032			☐	☐	☐
321.56	324.61	3.05	LST	2.27	74	M397939	13-032			☐	☐	☐
324.61	326.14	1.53	LST	1.42	93	M397940	13-035			☐	☐	☐
326.14	329.18	3.04	LST	2.34	77	M397941	13-035			☐	☐	☐
329.18	332.23	3.05	LST	2.78	91	M397942	13-035			☐	☐	☐
332.23	333.76	1.53	LST	1.53	100	M397943	13-035			☐	☐	☐
333.76	339.85	6.09	LST	5.85	96	N831526	13-C05	Chip		☐	☐	☐
339.85	345.95	6.10	LST	5.53	91	N831527	13-C05	Chip		☐	☐	☐
345.95	352.04	6.09	LST	5.99	98	N831528	13-C05	Chip		☐	☐	☐
352.04	358.14	6.10	LST	5.68	93	N831529	13-C05	Chip		☐	☐	☐
358.14	364.24	6.10	LST	5.26	86	N831530	13-C05	Chip		☐	☐	☐
364.24	370.33	6.09	LST	6.09	100	N831531	13-C05	Chip		☐	☐	☐
370.33	376.43	6.10	LST	6.10	100	N831540	13-C05	Chip		☐	☐	☐
376.43	381.91	5.48	LST	5.48	100	N831541	13-C05	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629718	7112059	1711.61	62.79

ZONE: Sunrise

SECTION: S700E

HOLE: OS -13-213

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 1.52m, Out

Drilling Dates: Sep 18 - Sep 19, 2013

Geology Logged By: N. Bueckert

SURVEY			
Depth (m)	Azimuth	Dip	Method
0.3	359.62	-50.9	Reflex
55.16	336.62	-51.6	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.22	1.22	OVB
1.22	5	3.78	LST
5	30	25	MST
30	55.59	25.59	LST
55.59	62.79	7.2	MST

SAMPLES	
Numbers:	M400377 to M400399, N831506
Total:	25
Batch:	029, 031, C05
Certificates:	WH13136075, WH13138740, WH13138742

COMMENTS
Hole shutdown in O-MST1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.22	1.22	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
1.22	5.00	3.78	LST	CG	Crystalline and 30% brecciated limestone with 10% gougey rubble.							
								BX				
						DK	GY	MA	---	--	--	0
5.00	30.00	25.00	MST	FG	Dominantly sheared and faulted mudstone							
						MD	RD	SN				
						LT	GN	BD	OXI	4I	--	0
30.00	55.59	25.59	LST	FG	Bedded limestone with fault zone							
						LT	BN					
						MD	GY	BD	OXI	2I	--	0
55.59	62.79	7.20	MST	FG	Typical mudstone unit. Bleached green-maroon laminated mudstone with weak folding.							
						MD	RD					
						LT	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.83	1.83	0.4	22	0.12	7	4R	4H	2W	1S because of Rubble
1.83	3.35	1.52	1.52	100	0.83	55	4R	4H	2W	
3.35	4.88	1.53	1.11	73	0.57	37	4R	4H	3W	
4.88	6.40	1.52	1.21	80	0.24	16	0R	3H	4W	
6.40	7.92	1.52	0.73	48	0.21	14	0R	2H	4W	
7.92	9.45	1.53	1.28	84	0.00	0	1R	3H	4W	
9.45	10.97	1.52	0.88	58	0.18	12	0R	3H	4W	
10.97	12.50	1.53	1.34	88	0.96	63	0R	3H	4W	
12.50	14.02	1.52	1.41	93	0.87	57	0R	3H	2W	
14.02	15.54	1.52	1.4	92	0.54	36	0R	3H	2W	
15.54	17.07	1.53	1.48	97	0.46	30	0R	3H	3W	
17.07	18.59	1.52	1.5	99	0.77	51	0R	3H	2W	
18.59	20.12	1.53	1.37	90	1.16	76	0R	3H	2W	
20.12	21.64	1.52	1.37	90	1.28	84	0R	3H	2W	
21.64	23.16	1.52	1.16	76	0.85	56	0R	3H	2W	
23.16	24.69	1.53	1.08	71	0.68	44	3R	3H	2W	
24.69	26.21	1.52	1.48	97	0.78	51	3R	3H	2W	
26.21	27.74	1.53	1.43	93	0.57	37	0R	3H	3W	
27.74	29.26	1.52	1.09	72	0.16	11	4R	3H	4W	
29.26	30.78	1.52	1.01	66	0.00	0	4R	3H	4W	1S because of rubble
30.78	32.31	1.53	1.24	81	0.52	34	4R	4H	3W	
32.31	33.83	1.52	1.33	88	0.87	57	4R	3H	3W	
33.83	35.36	1.53	1.26	82	0.75	49	4R	4H	2W	
35.36	36.88	1.52	1.47	97	1.40	92	4R	4H	2W	
36.88	38.40	1.52	1.43	94	1.21	80	4R	4H	2W	
38.40	39.93	1.53	1.12	73	0.75	49	4R	4H	2W	
39.93	41.45	1.52	1.47	97	1.33	88	4R	4H	2W	
41.45	42.98	1.53	1.53	100	1.21	79	4R	3H	2W	
42.98	44.50	1.52	1.52	100	1.32	87	4R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.50	46.02	1.52	1.36	89	1.06	70	4R	4H	2W	
46.02	47.55	1.53	1.5	98	1.43	93	4R	4H	2W	
47.55	49.07	1.52	1.48	97	1.35	89	4R	3H	2W	
49.07	50.60	1.53	0.8	52	0.25	16	4R	4H	2W	
50.60	52.12	1.52	1.37	90	0.79	52	4R	4H	2W	
52.12	53.64	1.52	0.44	29	0.20	13	4R	4H	2W	
53.64	56.69	3.05	1.46	48	1.01	33	1R	3H	2W	
56.69	58.22	1.53	1.53	100	1.53	100	1R	3H	2W	
58.22	59.74	1.52	1.36	89	0.98	64	0R	3H	1W	
59.74	61.26	1.52	1.5	99	1.06	70	0R	3H	1W	
61.26	62.79	1.53	1.53	100	1.53	100	0R	3H	1W	EOH

OS -13-213

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M400388	13-031			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400383	13-031			☑	☐	☐
1.22	3.35	2.13	LST, OVB	1.97	92	M400377	13-029			☐	☐	☐
3.35	5.00	1.65	LST	1.65	100	M400378	13-029			☐	☐	☐
5.00	7.92	2.92	LST, MST	2.70	92	M400379	13-031			☐	☐	☐
7.92	10.97	3.05	MST	2.06	68	M400380	13-031			☐	☐	☐
10.97	14.02	3.05	MST	2.75	90	M400381	13-031			☐	☐	☐
14.02	17.07	3.05	MST	2.88	94	M400382	13-031			☐	☐	☐
17.07	20.12	3.05	MST	2.87	94	M400384	13-031			☐	☐	☐
20.12	23.16	3.04	MST	2.53	83	M400385	13-031			☐	☐	☐
23.16	26.21	3.05	MST	2.56	84	M400386	13-031			☐	☐	☐
26.21	29.26	3.05	MST	2.52	83	M400387	13-031			☐	☐	☐
29.26	32.31	3.05	MST	2.25	74	M400389	13-031			☐	☐	☐
32.31	35.36	3.05	LST	2.59	85	M400390	13-031			☐	☐	☐
35.36	38.40	3.04	LST	2.90	95	M400391	13-031			☐	☐	☐
38.40	41.45	3.05	LST	2.59	85	M400392	13-031			☐	☐	☐
41.45	44.50	3.05	LST	3.05	100	M400393	13-031			☐	☐	☐
41.45	44.50	3.05	LST	3.05	100	M400394	13-031			☐	☑	☐
44.50	47.55	3.05	LST	2.86	94	M400395	13-031			☐	☐	☐
47.55	50.60	3.05	LST	2.28	75	M400396	13-031			☐	☐	☐
50.60	53.64	3.04	LST	1.81	60	M400397	13-031			☐	☐	☐
53.64	55.59	1.95	LST	1.86	95	M400398	13-031			☐	☐	☐
55.59	58.22	2.63	LST, MST	2.63	100	M400399	13-031			☐	☐	☐
58.22	62.79	4.57	MST	4.39	96	N831506	13-C05	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629509	7111935	1781.23	319.43

ZONE: Sunrise

SECTION: S500E

HOLE: **OS -13-214**

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 5.49m, Out

Drilling Dates: Jul 19 - Jul 24, 2013

Geology Logged By: N. Bueckert

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.53	206.62	-70.9	Reflex
319.43	281.22	-72	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.11	3.11	OVB
3.11	46.4	43.29	MST
46.4	112.17	65.77	LST
112.17	126.5	14.33	LST
126.5	141.6	15.1	DST
141.6	313	171.4	LST
313	319.43	6.43	MST

SAMPLES	
Numbers:	M400400 to M400469, N831507 to N831514, N831532 to N831539, N831542 to N831552
Total:	98
Batch:	031, 033, 034, C05
Certificates:	WH13138740, WH13138742, WH13140659, WH13142554

COMMENTS
Hole shutdown in O-MST1. Mineralization intercepted 175.45-478.33m. Downhole survey data is incorrect

OS -13-214

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.11	3.11	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
3.11	46.40	43.29	MST	FG	Bedded-laminated mudstone.							
						LT	BN					
						LT	GN	BD	OXI	2I	--	0
46.40	112.17	65.77	LST	MG	Crystalline limestone with dark grey-black, weakly calcareous mud interbeds, occasional debris flows (?), and metre-scale, non-calcareous, grey-green mudstone interbeds. Arsenic-iron oxidation on fracture surfaces. Folding/faulting present.							
								XL				
						MD	GY	BD	---	--	--	0
112.17	126.50	14.33	LST	FG	Bedded limestone with arsenic oxide along fracture planes.							
								SN				
						MD	GY	BD	ASO	1I	--	0
126.50	141.60	15.10	DST	FG	Bedded-crystalline dolostone with moderate deformation.							
								SN				
						MD	GY	BD	---	--	--	0
141.60	313.00	171.40	LST	FG	Well bedded limestone with minor rudstone interbeds. Realgar and orpiment mineralization occurs in fold near the top of the unit.							
									OXI	1I		
								RD	DCA	2I	Re	10
						MD	GY	BD	ASO	2I	Om	60
313.00	319.43	6.43	MST	FG	Brown-green bedded mudstone gradational into red oxidized mustone with green redox bands.							
						MD	RD	BD	---	--	--	0

OS -13-214

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.11	3.11	0	0	0.00	0	0R	--	--	Casing, No Recovery
3.11	3.96	0.85	0.85	100	0.00	0	0R	2H	3W	soft
3.96	5.49	1.53	0.97	63	0.00	0	0R	2H	3W	
5.49	7.01	1.52	1.33	88	0.00	0	0R	2H	3W	
7.01	8.53	1.52	1.4	92	0.40	26	0R	2H	3W	
8.53	10.06	1.53	1.11	73	0.00	0	0R	2H	3W	
10.06	11.58	1.52	1.47	97	0.23	15	0R	2H	3W	
11.58	13.11	1.53	1.53	100	0.16	10	0R	2H	3W	
13.11	14.63	1.52	1.47	97	0.00	0	0R	2H	3W	
14.63	16.15	1.52	1.43	94	0.16	11	0R	2H	3W	
16.15	17.68	1.53	1.53	100	0.60	39	0R	3H	2W	
17.68	19.20	1.52	1.52	100	0.93	61	0R	3H	2W	
19.20	20.73	1.53	1.52	99	0.33	22	0R	3H	2W	
20.73	22.25	1.52	1.48	97	0.25	16	0R	3H	2W	
22.25	23.77	1.52	1.52	100	0.34	22	0R	3H	2W	
23.77	25.30	1.53	1.48	97	0.60	39	0R	3H	2W	
25.30	26.82	1.52	1.49	98	0.32	21	0R	3H	2W	
26.82	28.35	1.53	1.47	96	0.63	41	0R	3H	2W	
28.35	29.87	1.52	1.37	90	0.00	0	0R	3H	3W	
29.87	31.39	1.52	1.52	100	0.33	22	0R	3H	2W	
31.39	32.92	1.53	1.53	100	0.30	20	0R	3H	2W	
32.92	34.44	1.52	1.52	100	0.44	29	0R	3H	2W	
34.44	35.97	1.53	1.41	92	0.28	18	0R	3H	2W	
35.97	37.49	1.52	1.46	96	0.13	9	0R	3H	2W	
37.49	39.01	1.52	1.07	70	0.10	7	0R	3H	2W	
39.01	40.54	1.53	1.48	97	0.57	37	0R	3H	3W	
40.54	42.06	1.52	1.52	100	0.97	64	0R	3H	2W	
42.06	43.59	1.53	1.28	84	0.60	39	0R	3H	2W	
43.59	45.11	1.52	1.36	89	0.42	28	0R	3H	3W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
45.11	46.63	1.52	1.3	86	0.47	31	0R	3H	2W	
46.63	48.16	1.53	1.2	78	0.21	14	0R	3H	2W	
48.16	49.68	1.52	1.39	91	0.89	59	0R	3H	2W	
49.68	51.21	1.53	1.32	86	0.83	54	4R	3H	2W	
51.21	52.73	1.52	1.36	89	0.90	59	2R	3H	2W	
52.73	54.25	1.52	1.2	79	0.23	15	0R	3H	2W	
54.25	55.78	1.53	1.48	97	0.61	40	4R	4H	2W	
55.78	57.30	1.52	1.4	92	0.35	23	0R	3H	2W	
57.30	58.83	1.53	1.4	92	0.67	44	2R	3H	2W	
58.83	60.35	1.52	1.33	88	0.72	47	0R	3H	2W	
60.35	61.87	1.52	1.27	84	0.72	47	4R	4H	2W	
61.87	63.40	1.53	1.49	97	1.07	70	4R	4H	2W	
63.40	64.92	1.52	1.42	93	1.08	71	1R	3H	2W	
64.92	66.45	1.53	1.5	98	0.73	48	1R	4H	2W	
66.45	67.97	1.52	1.38	91	0.77	51	4R	4H	2W	
67.97	69.49	1.52	1.38	91	0.66	43	4R	4H	2W	
69.49	71.02	1.53	1.22	80	0.13	8	4R	4H	2W	
71.02	72.54	1.52	1.35	89	0.66	43	4R	3H	2W	
72.54	74.07	1.53	1.21	79	0.61	40	4R	3H	2W	
74.07	75.59	1.52	1.48	97	1.04	68	4R	4H	1W	
75.59	77.11	1.52	1.38	91	1.20	79	4R	4H	1W	
77.11	78.64	1.53	1.53	100	1.26	82	4R	4H	1W	
78.64	80.16	1.52	1.13	74	0.52	34	4R	4H	1W	
80.16	81.69	1.53	1.34	88	0.90	59	4R	4H	1W	
81.69	83.21	1.52	1.25	82	0.42	28	4R	3H	1W	
83.21	84.73	1.52	1.43	94	0.63	41	4R	4H	1W	
84.73	86.26	1.53	1.38	90	0.79	52	4R	4H	1W	
86.26	87.78	1.52	1.28	84	1.02	67	4R	4H	1W	
87.78	89.31	1.53	1.4	92	0.80	52	4R	4H	1W	
89.31	90.83	1.52	1.43	94	0.79	52	4R	4H	1W	
90.83	92.35	1.52	1.41	93	0.55	36	3R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
92.35	93.88	1.53	1.29	84	0.74	48	3R	3H	1W	
93.88	95.40	1.52	1.38	91	0.88	58	3R	3H	1W	
95.40	96.93	1.53	1.33	87	0.71	46	3R	3H	1W	
96.93	98.45	1.52	1.07	70	0.52	34	4R	4H	3W	
98.45	99.97	1.52	1.25	82	0.34	22	0R	3H	1W	
99.97	101.50	1.53	1.44	94	1.08	71	0R	3H	1W	
101.50	103.02	1.52	1.52	100	1.00	66	4R	4H	1W	
103.02	104.55	1.53	1.29	84	0.48	31	4R	4H	1W	
104.55	106.07	1.52	1.47	97	0.89	59	0R	3H	1W	
106.07	107.59	1.52	1.5	99	1.24	82	0R	3H	1W	
107.59	109.12	1.53	1.35	88	0.97	63	0R	3H	1W	
109.12	110.64	1.52	1.05	69	0.91	60	0R	3H	1W	
110.64	112.17	1.53	1.36	89	1.06	69	0R	3H	1W	
112.17	113.69	1.52	0.87	57	0.82	54	4R	4H	1W	
113.69	115.21	1.52	1.49	98	0.70	46	4R	4H	1W	
115.21	116.74	1.53	1.21	79	0.78	51	4R	4H	1W	
116.74	118.26	1.52	1.13	74	0.72	47	4R	4H	1W	
118.26	119.79	1.53	1.35	88	0.97	63	4R	4H	1W	
119.79	121.31	1.52	1.39	91	0.91	60	4R	4H	1W	
121.31	122.83	1.52	1.32	87	0.78	51	4R	4H	1W	
122.83	124.36	1.53	1.53	100	0.79	52	4R	4H	1W	
124.36	125.88	1.52	1.12	74	0.25	16	1R	4H	1W	
125.88	127.41	1.53	1.35	88	1.08	71	1R	4H	1W	
127.41	128.93	1.52	1.4	92	0.76	50	1R	4H	1W	
128.93	130.45	1.52	1.22	80	1.22	80	1R	4H	1W	
130.45	131.98	1.53	1.49	97	1.16	76	2R	4H	1W	
131.98	133.50	1.52	1.52	100	1.15	76	2R	4H	1W	
133.50	135.03	1.53	1.53	100	1.02	67	2R	4H	1W	
135.03	136.55	1.52	1.44	95	1.02	67	2R	3H	1W	
136.55	138.07	1.52	1.42	93	1.23	81	2R	3H	1W	
138.07	139.60	1.53	1.47	96	1.17	76	2R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
139.60	141.12	1.52	1.5	99	0.42	28	2R	4H	2W	
141.12	142.65	1.53	1.53	100	0.71	46	4R	4H	1W	
142.65	144.17	1.52	1.33	88	0.70	46	4R	4H	1W	
144.17	145.69	1.52	1.19	78	0.41	27	4R	4H	2W	
145.69	147.22	1.53	1.49	97	0.95	62	4R	4H	1W	
147.22	148.74	1.52	1.52	100	0.77	51	4R	4H	1W	
148.74	150.27	1.53	1.45	95	0.86	56	4R	4H	2W	
150.27	151.79	1.52	1.28	84	0.55	36	4R	4H	1W	
151.79	153.31	1.52	1.48	97	0.26	17	4R	4H	1W	
153.31	154.84	1.53	1.42	93	1.18	77	4R	3H	1W	
154.84	156.36	1.52	1.44	95	1.07	70	4R	3H	2W	
156.36	157.89	1.53	1.4	92	0.60	39	4R	3H	2W	
157.89	159.41	1.52	1.52	100	1.00	66	4R	3H	2W	
159.41	160.93	1.52	1.35	89	0.89	59	4R	3H	2W	
160.93	162.46	1.53	1.44	94	1.30	85	4R	3H	2W	
162.46	163.98	1.52	1.52	100	1.52	100	3R	4H	2W	
163.98	165.51	1.53	1.53	100	1.37	90	4R	4H	1W	
165.51	167.03	1.52	1.48	97	1.19	78	4R	4H	1W	
167.03	168.55	1.52	1.28	84	0.82	54	4R	4H	1W	
168.55	170.08	1.53	1.53	100	1.35	88	4R	4H	1W	
170.08	171.60	1.52	1.48	97	1.31	86	4R	4H	2W	
171.60	173.13	1.53	1.42	93	0.59	39	4R	4H	2W	
173.13	174.65	1.52	1.52	100	1.04	68	4R	4H	2W	
174.65	176.17	1.52	1.4	92	0.88	58	4R	3H	2W	
176.17	177.70	1.53	1.53	100	1.19	78	4R	3H	2W	
177.70	179.22	1.52	1.35	89	1.12	74	4R	3H	2W	
179.22	180.75	1.53	1.44	94	0.40	26	4R	4H	2W	
180.75	182.27	1.52	1.52	100	0.42	28	4R	4H	2W	
182.27	183.79	1.52	1.18	78	0.81	53	4R	4H	2W	
183.79	185.32	1.53	1.18	77	0.89	58	4R	4H	2W	
185.32	186.84	1.52	1.29	85	1.01	66	2R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
186.84	188.37	1.53	1.5	98	1.28	84	1R	3H	2W	
188.37	189.89	1.52	1.51	99	0.73	48	4R	4H	2W	
189.89	191.41	1.52	1.35	89	0.84	55	4R	3H	2W	
191.41	192.94	1.53	1.51	99	0.18	12	4R	3H	2W	
192.94	194.46	1.52	1.44	95	1.09	72	4R	3H	2W	
194.46	195.99	1.53	1.32	86	0.42	27	4R	3H	2W	
195.99	197.51	1.52	1.37	90	1.13	74	4R	3H	2W	
197.51	199.03	1.52	1.5	99	0.87	57	4R	3H	1W	
199.03	200.56	1.53	1.46	95	1.19	78	4R	4H	1W	
200.56	202.08	1.52	1.45	95	1.02	67	4R	4H	1W	
202.08	203.61	1.53	1.51	99	1.28	84	4R	4H	1W	
203.61	205.13	1.52	1.45	95	0.91	60	4R	3H	1W	
205.13	206.65	1.52	1.48	97	0.86	57	4R	4H	1W	
206.65	208.18	1.53	0.53	35	0.71	46	4R	4H	1W	
208.18	209.70	1.52	1.48	97	0.59	39	4R	3H	1W	
209.70	211.23	1.53	1.34	88	0.63	41	4R	4H	1W	
211.23	212.75	1.52	1.47	97	0.33	22	4R	4H	1W	
212.75	214.27	1.52	1.44	95	0.84	55	4R	4H	1W	
214.27	215.80	1.53	1.42	93	1.01	66	4R	4H	1W	
215.80	217.32	1.52	1.19	78	0.00	0	4R	4H	1W	
217.32	218.85	1.53	1.31	86	0.94	61	4R	4H	1W	
218.85	220.37	1.52	1.42	93	0.66	43	3R	3H	1W	
220.37	221.89	1.52	1.42	93	1.15	76	4R	4H	1W	
221.89	223.42	1.53	1.48	97	0.63	41	4R	4H	1W	
223.42	224.94	1.52	1.5	99	0.84	55	4R	4H	1W	
224.94	226.47	1.53	1.53	100	0.80	52	4R	3H	1W	
226.47	227.99	1.52	1.52	100	1.11	73	4R	4H	1W	
227.99	229.51	1.52	1.52	100	0.62	41	4R	4H	1W	
229.51	231.04	1.53	1.39	91	0.84	55	4R	4H	1W	
231.04	232.56	1.52	1.42	93	0.75	49	4R	4H	1W	
232.56	234.09	1.53	1.32	86	0.79	52	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
234.09	235.61	1.52	1.38	91	0.36	24	4R	4H	1W	
235.61	237.13	1.52	1.5	99	0.40	26	4R	4H	1W	
237.13	238.66	1.53	1.41	92	0.29	19	4R	4H	1W	
238.66	240.18	1.52	1.5	99	0.13	9	4R	4H	1W	
240.18	241.71	1.53	1.45	95	0.00	0	4R	4H	1W	
241.71	243.23	1.52	1.35	89	0.42	28	4R	4H	1W	
243.23	244.75	1.52	1.46	96	0.59	39	3R	3H	1W	
244.75	246.28	1.53	1.53	100	1.15	75	4R	3H	1W	
246.28	247.80	1.52	1.52	100	0.40	26	4R	4H	1W	
247.80	249.33	1.53	1.52	99	0.91	59	4R	4H	1W	
249.33	250.85	1.52	1.52	100	1.27	84	4R	4H	1W	
250.85	252.37	1.52	1.42	93	1.26	83	4R	4H	1W	
252.37	253.90	1.53	1.53	100	1.32	86	4R	3H	1W	
253.90	255.42	1.52	1.39	91	1.08	71	4R	4H	1W	
255.42	256.95	1.53	1.33	87	0.56	37	4R	4H	1W	
256.95	258.47	1.52	1.25	82	0.69	45	4R	4H	2W	
258.47	259.99	1.52	1.51	99	1.45	95	4R	4H	1W	
259.99	261.52	1.53	1.46	95	1.43	93	4R	4H	1W	
261.52	263.04	1.52	1.52	100	1.52	100	4R	4H	1W	
263.04	264.57	1.53	1.53	100	1.32	86	3R	3H	1W	
264.57	266.09	1.52	1.3	86	0.99	65	3R	3H	1W	
266.09	267.61	1.52	1.35	89	0.91	60	4R	4H	1W	
267.61	269.14	1.53	1.24	81	0.41	27	1R	4H	3W	
269.14	270.66	1.52	1.42	93	0.31	20	4R	4H	1W	
270.66	272.19	1.53	1.51	99	1.21	79	4R	4H	1W	
272.19	273.71	1.52	1.52	100	1.52	100	4R	4H	1W	
273.71	275.23	1.52	1.38	91	1.27	84	4R	4H	1W	
275.23	276.76	1.53	1.53	100	0.92	60	4R	4H	1W	
276.76	278.28	1.52	1.46	96	1.29	85	4R	4H	1W	
278.28	279.81	1.53	1.48	97	0.97	63	4R	4H	1W	
279.81	281.33	1.52	1.47	97	0.95	63	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
281.33	282.85	1.52	1.52	100	1.50	99	4R	4H	1W	
282.85	284.38	1.53	1.53	100	1.53	100	4R	4H	1W	
284.38	285.90	1.52	1.52	100	1.44	95	4R	4H	1W	
285.90	287.43	1.53	1.44	94	0.98	64	4R	4H	1W	
287.43	288.95	1.52	1.44	95	0.78	51	4R	4H	1W	
288.95	290.47	1.52	1.5	99	1.45	95	4R	4H	1W	
290.47	292.00	1.53	1.53	100	1.53	100	4R	4H	1W	
292.00	293.52	1.52	1.52	100	1.15	76	4R	4H	1W	
293.52	295.05	1.53	1.5	98	0.99	65	4R	4H	1W	
295.05	296.57	1.52	1.52	100	1.25	82	2R	4H	1W	
296.57	298.09	1.52	1.52	100	1.38	91	4R	4H	1W	
298.09	299.62	1.53	1.46	95	1.41	92	4R	4H	1W	
299.62	301.14	1.52	1.52	100	1.37	90	4R	4H	1W	
301.14	302.67	1.53	1.49	97	1.22	80	4R	4H	1W	
302.67	304.19	1.52	1.52	100	1.52	100	4R	4H	1W	
304.19	305.71	1.52	1.52	100	1.27	84	4R	4H	1W	
305.71	307.24	1.53	1.45	95	1.38	90	4R	4H	1W	
307.24	308.76	1.52	1.52	100	1.52	100	4R	4H	1W	
308.76	310.29	1.53	1.44	94	1.19	78	2R	4H	1W	
310.29	311.81	1.52	1.49	98	1.30	86	2R	4H	1W	
311.81	313.33	1.52	1.52	100	1.31	86	2R	4H	1W	
313.33	314.86	1.53	1.5	98	1.38	90	0R	3H	1W	
314.86	316.38	1.52	1.52	100	1.52	100	0R	3H	1W	
316.38	317.91	1.53	1.53	100	1.53	100	0R	3H	1W	
317.91	319.43	1.52	1.52	100	1.36	89	0R	3H	1W	

OS -13-214

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M400408	13-031		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400425	13-033			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400438	13-033			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400442	13-033		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400448	13-033		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400452	13-034		CS4	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400455	13-034			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400462	13-034			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400403	13-031		CS1	☐	☐	☐
3.11	8.53	5.42	OVB, MST	4.55	84	N831507	13-C05	Chip		☐	☐	☐
8.53	14.63	6.10	MST	5.58	91	N831508	13-C05	Chip		☐	☐	☐
14.63	20.73	6.10	MST	6.00	98	N831509	13-C05	Chip		☐	☐	☐
20.73	26.82	6.09	MST	5.97	98	N831510	13-C05	Chip		☐	☐	☐
26.82	32.92	6.10	MST	5.89	97	N831511	13-C05	Chip		☐	☐	☐
32.92	39.01	6.09	MST	5.46	90	N831512	13-C05	Chip		☐	☐	☐
39.01	43.40	4.39	MST	4.06	92	N831513	13-C05	Chip		☐	☐	☐
43.40	46.40	3.00	MST	2.88	96	N831514	13-C05	Chip		☐	☐	☐
46.40	48.16	1.76	MST, LST	1.50	85	M400400	13-031			☐	☐	☐
48.16	51.21	3.05	LST	2.71	89	M400401	13-031			☐	☐	☐
51.21	54.25	3.04	LST	2.56	84	M400402	13-031			☐	☐	☐
54.25	57.30	3.05	LST	2.88	94	M400404	13-031			☐	☐	☐
57.30	60.35	3.05	LST	2.73	90	M400405	13-031			☐	☐	☐
60.35	63.40	3.05	LST	2.76	90	M400406	13-031			☐	☐	☐
63.40	66.45	3.05	LST	2.92	96	M400407	13-031			☐	☐	☐
66.45	69.49	3.04	LST	2.76	91	M400409	13-031			☐	☐	☐
69.49	72.54	3.05	LST	2.57	84	M400410	13-031			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
72.54	75.59	3.05	LST	2.69	88	M400411	13-031			☐	☐	☐
75.59	78.64	3.05	LST	2.91	95	M400412	13-031			☐	☐	☐
75.59	78.64	3.05	LST	2.91	95	M400413	13-031			☐	☐	☑
78.64	81.69	3.05	LST	2.47	81	M400414	13-031			☐	☐	☐
81.69	84.73	3.04	LST	2.68	88	M400415	13-033			☐	☐	☐
84.73	87.78	3.05	LST	2.66	87	M400416	13-033			☐	☐	☐
87.78	90.83	3.05	LST	2.83	93	M400417	13-033			☐	☐	☐
87.78	90.83	3.05	LST	2.83	93	M400418	13-033			☐	☑	☐
90.83	93.88	3.05	LST	2.70	89	M400419	13-033			☐	☐	☐
93.88	96.93	3.05	LST	2.71	89	M400420	13-033			☐	☐	☐
96.93	99.97	3.04	LST	2.32	76	M400421	13-033			☐	☐	☐
99.97	103.02	3.05	LST	2.96	97	M400422	13-033			☐	☐	☐
103.02	106.07	3.05	LST	2.76	90	M400423	13-033			☐	☐	☐
106.07	109.12	3.05	LST	2.85	93	M400424	13-033			☐	☐	☐
109.12	112.17	3.05	LST	2.41	79	M400426	13-033			☐	☐	☐
112.17	115.21	3.04	LST, LST	2.36	78	M400427	13-033			☐	☐	☐
115.21	118.26	3.05	LST	2.34	77	M400428	13-033			☐	☐	☐
118.26	121.31	3.05	LST	2.74	90	M400429	13-033			☐	☐	☐
121.31	124.36	3.05	LST	2.85	93	M400430	13-033			☐	☐	☐
124.36	126.50	2.14	LST	2.03	95	M400431	13-033			☐	☐	☐
126.50	128.93	2.43	LST, DST	2.15	88	M400432	13-033			☐	☐	☐
126.50	128.93	2.43	LST, DST	2.15	88	M400433	13-033			☐	☐	☑
128.93	131.98	3.05	DST	2.71	89	M400434	13-033			☐	☐	☐
131.98	135.03	3.05	DST	3.05	100	M400435	13-033			☐	☐	☐
135.03	138.07	3.04	DST	2.86	94	M400436	13-033			☐	☐	☐
138.07	141.12	3.05	DST	2.97	97	M400437	13-033			☐	☐	☐
141.12	144.17	3.05	DST	2.86	94	M400439	13-033			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
144.17	147.22	3.05	LST	2.68	88	M400440	13-033			☐	☐	☐
147.22	150.27	3.05	LST	2.97	97	M400441	13-033			☐	☐	☐
150.27	153.31	3.04	LST	2.76	91	M400443	13-033			☐	☐	☐
153.31	156.36	3.05	LST	2.86	94	M400444	13-033			☐	☐	☐
156.36	159.41	3.05	LST	2.92	96	M400445	13-033			☐	☐	☐
159.41	162.46	3.05	LST	2.79	91	M400446	13-033			☐	☐	☐
162.46	165.51	3.05	LST	3.05	100	M400447	13-033			☐	☐	☐
165.51	168.55	3.04	LST	2.76	91	M400449	13-033			☐	☐	☐
168.55	171.60	3.05	LST	3.01	99	M400450	13-033			☐	☐	☐
171.60	173.13	1.53	LST	1.50	98	M400451	13-034			☐	☐	☐
173.13	175.45	2.32	LST	2.32	100	M400453	13-034			☐	☐	☐
175.45	178.33	2.88	LST	2.78	97	M400454	13-034			☐	☐	☐
178.33	180.00	1.67	LST	1.67	100	M400456	13-034			☐	☐	☐
180.00	182.27	2.27	LST	2.27	100	M400457	13-034			☐	☐	☐
182.27	185.32	3.05	LST	2.36	77	M400458	13-034			☐	☐	☐
185.32	186.84	1.52	LST	1.52	100	M400459	13-034			☐	☐	☐
186.84	189.10	2.26	LST	1.64	73	M400460	13-034			☐	☐	☐
189.10	190.62	1.52	LST	1.52	100	M400461	13-034			☐	☐	☐
190.62	192.94	2.32	LST	2.01	87	M400463	13-034			☐	☐	☐
192.94	195.99	3.05	LST	2.79	91	M400464	13-034			☐	☐	☐
195.99	199.03	3.04	LST	2.87	94	M400465	13-034			☐	☐	☐
199.03	202.08	3.05	LST	2.91	95	M400466	13-034			☐	☐	☐
202.08	205.13	3.05	LST	2.96	97	M400467	13-034			☐	☐	☐
205.13	208.18	3.05	LST	2.01	66	M400468	13-034			☐	☐	☐
205.13	208.18	3.05	LST	2.01	66	M400469	13-034			☐	☐	☑
208.18	214.27	6.09	LST	5.73	94	N831532	13-C05	Chip		☐	☐	☐
214.27	220.37	6.10	LST	5.33	87	N831533	13-C05	Chip		☐	☐	☐
220.37	226.47	6.10	LST	5.93	97	N831534	13-C05	Chip		☐	☐	☐
226.47	232.56	6.09	LST	5.85	96	N831535	13-C05	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
232.56	238.66	6.10	LST	5.61	92	N831536	13-C05	Chip		☐	☐	☐
238.66	244.75	6.09	LST	5.71	94	N831537	13-C05	Chip		☐	☐	☐
244.75	250.85	6.10	LST	6.09	100	N831538	13-C05	Chip		☐	☐	☐
250.85	256.95	6.10	LST	5.67	93	N831539	13-C05	Chip		☐	☐	☐
256.95	263.04	6.09	LST	5.74	94	N831542	13-C05	Chip		☐	☐	☐
263.04	269.14	6.10	LST	5.32	87	N831543	13-C05	Chip		☐	☐	☐
269.14	275.23	6.09	LST	5.83	96	N831544	13-C05	Chip		☐	☐	☐
275.23	281.33	6.10	LST	5.94	97	N831545	13-C05	Chip		☐	☐	☐
281.33	287.43	6.10	LST	6.01	99	N831546	13-C05	Chip		☐	☐	☐
287.43	293.52	6.09	LST	5.89	97	N831547	13-C05	Chip		☐	☐	☐
293.52	299.62	6.10	LST	6.00	98	N831548	13-C05	Chip		☐	☐	☐
299.62	305.71	6.09	LST	6.05	99	N831549	13-C05	Chip		☐	☐	☐
305.71	310.29	4.58	LST	4.41	96	N831550	13-C05	Chip		☐	☐	☐
310.29	316.38	6.09	LST	6.03	99	N831551	13-C05	Chip		☐	☐	☐
316.38	319.43	3.05	MST	3.05	100	N831552	13-C05	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		628600	7112409	1430.01	431.29

ZONE: Isis

SECTION:

HOLE: OS -13-215

CLAIM: Sten 5

Contractor: Superior

Drill: 6

Core Size: HQ-NQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 23 - Jul 29, 2013

Geology Logged By: M. Pultz

SURVEY			
Depth (m)	Azimuth	Dip	Method
10.97	131.82	-51.3	Reflex
431.29	135.22	-57.7	Reflex

TARGET: Possible fault controlled mineralization exposed in gulli

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.05	3.05	OVB
3.05	209.3	206.25	DST
209.3	431.29	221.99	SLT

SAMPLES	
Numbers:	K309944 to K309969, K310001 to K310076, M397944 to M398000, N831581 to N831596, N831627 to N831628
Total:	177
Batch:	035, 036, 037, 039, 056, 057, C05, C06
Certificates:	WH13138740, WH13138743, WH13141810, WH13141811, WH13142555, WH13142556, WH13155645, WH13156427

COMMENTS
The hole was ended because it was was drilling nearly down bedding, it was in and out of fracture and vein hosted realgar zones in a rock type that showed no alteration and wasn't a particularily good looking host. The last run had realgar in it, but the call was made to shut down and move on.

OS -13-215

Nadaleen
Isis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.05	3.05	OVB	--	No recovery, casing							
						--	--	---	---	--	--	0
3.05	209.30	206.25	DST	FG	Hydrothermal brecciated to locally bedded dolostone, with hydrothermally associated massive coarse grained pervasive pyrite mineralization in massive white dolomite							
									ASO	1I	Om	0.5
						DK	GY	BX	DCA	1I	Re	0.5
						MD	GY	BD	OXI	1I	Py	5
209.30	431.29	221.99	SLT	FG	Interbeds of trace to non-calcareous light grey silt, bedding deformed, hydrothermally brecciated, to well defined, and gently folded throughout interval. Core competent, local fractures and faults infilled with dolomite, offset bedding, and develop local networks. Local decreases in core competency due to fracturing and local faulting, with several zones of mineralization. Core is very hard and overheats saws cutting, though designated as IA-SLT? Interbeds of trace to non-calcareous light grey silt, locally well defined to deformed bedding, deformed bedding due to local hydrothermal activity brecciating and disrupting the core, hydrothermal activity decreased in intensity from above interval. deformed bedding due to hydrothermal activity brecciating and disrupting the core.							
						MD	GY					
						DK	GY	BD	ASO	1I	Py	1

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.05	3.05	0	0	0.00	0	--	--	--	No recovery, casing
3.05	4.57	1.52	0.8	53	0.00	0	1R	4H	4W	
4.57	6.10	1.53	0.77	50	0.00	0	1R	4H	4W	
6.10	7.62	1.52	1.4	92	1.04	68	1R	4H	1W	
7.62	9.14	1.52	1.24	82	0.61	40	1R	4H	1W	
9.14	10.67	1.53	1.51	99	0.47	31	1R	4H	1W	
10.67	12.19	1.52	1.29	85	0.29	19	1R	4H	1W	
12.19	13.72	1.53	1.36	89	1.16	76	1R	4H	1W	
13.72	15.24	1.52	1.12	74	0.40	26	1R	4H	3W	
15.24	16.76	1.52	1.43	94	0.89	59	1R	4H	1W	
16.76	18.29	1.53	1.47	96	1.35	88	1R	4H	1W	
18.29	19.81	1.52	1.48	97	0.69	45	1R	4H	1W	
19.81	21.34	1.53	1.43	93	0.93	61	1R	4H	1W	
21.34	22.86	1.52	1.51	99	0.97	64	1R	4H	1W	
22.86	24.38	1.52	1.44	95	1.34	88	1R	4H	1W	
24.38	25.91	1.53	1.5	98	0.78	51	1R	4H	1W	
25.91	27.43	1.52	1.41	93	1.30	86	1R	4H	1W	
27.43	28.96	1.53	1.47	96	0.79	52	1R	4H	1W	
28.96	30.48	1.52	1.4	92	0.70	46	1R	4H	1W	
30.48	32.00	1.52	1.51	99	0.89	59	1R	4H	1W	
32.00	33.53	1.53	1.52	99	1.27	83	1R	4H	1W	
33.53	35.05	1.52	1.4	92	0.38	25	1R	4H	1W	
35.05	36.58	1.53	1.15	75	0.00	0	1R	4H	3W	
36.58	38.10	1.52	1.42	93	0.37	24	1R	4H	1W	
38.10	39.62	1.52	1.3	86	0.29	19	1R	4H	1W	
39.62	41.15	1.53	1.35	88	0.00	0	1R	4H	1W	
41.15	42.67	1.52	1.51	99	0.32	21	1R	4H	1W	
42.67	44.20	1.53	1.47	96	0.37	24	1R	4H	1W	
44.20	45.72	1.52	1.51	99	0.66	43	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
45.72	47.24	1.52	1.51	99	0.74	49	1R	4H	1W	
47.24	48.77	1.53	1.25	82	0.22	14	1R	4H	1W	
48.77	50.29	1.52	1.08	71	0.00	0	1R	4H	2W	
50.29	51.82	1.53	1.2	78	0.00	0	1R	4H	2W	
51.82	53.34	1.52	1.1	72	0.00	0	1R	4H	3W	
53.34	54.86	1.52	1.12	74	0.00	0	1R	4H	2W	
54.86	56.39	1.53	1.28	84	0.16	10	1R	4H	2W	
56.39	57.91	1.52	1.25	82	0.26	17	1R	4H	2W	
57.91	59.44	1.53	1.51	99	1.08	71	1R	4H	1W	
59.44	60.96	1.52	1.44	95	0.32	21	1R	4H	1W	
60.96	62.48	1.52	1.33	88	0.00	0	1R	4H	2W	
62.48	64.01	1.53	1.44	94	0.00	0	1R	4H	2W	
64.01	65.53	1.52	1.51	99	0.00	0	1R	4H	2W	
65.53	67.06	1.53	1.39	91	0.10	7	1R	4H	2W	
67.06	68.58	1.52	1.38	91	0.00	0	1R	4H	2W	
68.58	70.10	1.52	1.26	83	0.26	17	1R	4H	2W	
70.10	71.63	1.53	1.36	89	0.47	31	1R	4H	2W	
71.63	73.15	1.52	1.45	95	0.00	0	1R	4H	2W	
73.15	74.68	1.53	1.5	98	0.00	0	1R	4H	2W	
74.68	76.20	1.52	1.47	97	0.37	24	1R	4H	2W	
76.20	77.72	1.52	1.51	99	0.51	34	1R	4H	2W	
77.72	79.25	1.53	1.32	86	0.66	43	1R	4H	2W	
79.25	80.77	1.52	1.48	97	0.42	28	1R	4H	2W	
80.77	82.30	1.53	1.29	84	0.15	10	1R	4H	2W	
82.30	85.34	3.04	2.86	94	0.23	8	1R	4H	2W	
85.34	86.87	1.53	1.4	92	0.14	9	1R	4H	2W	
86.87	88.39	1.52	1.41	93	0.13	9	1R	4H	2W	
88.39	89.92	1.53	1.41	92	0.27	18	1R	4H	2W	
89.92	91.44	1.52	1.47	97	0.52	34	1R	4H	2W	
91.44	92.96	1.52	1.51	99	0.22	14	1R	4H	2W	
92.96	94.49	1.53	1.44	94	0.00	0	1R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
94.49	96.01	1.52	1.45	95	0.22	14	1R	4H	2W	
96.01	97.54	1.53	1.38	90	0.35	23	1R	4H	2W	
97.54	99.06	1.52	1.52	100	0.78	51	1R	4H	2W	
99.06	100.58	1.52	1.45	95	0.98	64	1R	4H	2W	
100.58	102.11	1.53	1.5	98	1.24	81	1R	4H	2W	
102.11	103.63	1.52	1.44	95	1.00	66	1R	4H	2W	
103.63	105.16	1.53	1.53	100	1.34	88	1R	4H	2W	
105.16	106.68	1.52	1.45	95	0.89	59	1R	4H	2W	
106.68	108.20	1.52	1.52	100	0.76	50	1R	4H	2W	
108.20	109.73	1.53	1.42	93	0.69	45	1R	4H	2W	
109.73	111.25	1.52	1.5	99	0.57	38	1R	4H	2W	
111.25	112.78	1.53	1.35	88	0.91	59	1R	4H	2W	
112.78	114.30	1.52	1.3	86	0.00	0	1R	4H	2W	
114.30	115.82	1.52	1.49	98	0.29	19	1R	4H	2W	
115.82	117.35	1.53	1.52	99	1.19	78	1R	4H	2W	
117.35	118.87	1.52	1.5	99	0.84	55	1R	4H	2W	
118.87	120.40	1.53	1.53	100	1.13	74	1R	4H	2W	
120.40	121.92	1.52	1.34	88	0.86	57	1R	4H	2W	
121.92	123.44	1.52	1.51	99	1.00	66	1R	4H	2W	
123.44	124.97	1.53	1.41	92	1.24	81	1R	4H	2W	
124.97	126.49	1.52	1.43	94	0.79	52	1R	4H	2W	
126.49	128.02	1.53	1.42	93	0.31	20	1R	4H	2W	
128.02	129.54	1.52	1.51	99	1.40	92	1R	4H	2W	
129.54	131.06	1.52	1.49	98	1.14	75	1R	4H	2W	
131.06	132.59	1.53	1.37	90	0.97	63	1R	4H	2W	
132.59	134.11	1.52	1.5	99	1.03	68	1R	4H	2W	
134.11	135.64	1.53	1.24	81	0.83	54	1R	4H	2W	
135.64	137.16	1.52	1.32	87	0.72	47	1R	4H	2W	
137.16	138.68	1.52	1.36	89	1.07	70	1R	4H	2W	
138.68	140.21	1.53	1.3	85	0.62	41	1R	4H	2W	
140.21	141.73	1.52	1.52	100	0.17	11	1R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
141.73	143.26	1.53	1.46	95	0.28	18	1R	4H	2W	
143.26	144.78	1.52	1.52	100	1.02	67	1R	4H	2W	
144.78	146.30	1.52	1.51	99	0.72	47	1R	4H	2W	
146.30	147.83	1.53	1.46	95	0.64	42	1R	4H	2W	
147.83	149.35	1.52	1.35	89	0.82	54	1R	4H	2W	
149.35	150.88	1.53	1.42	93	0.00	0	1R	4H	2W	
150.88	152.40	1.52	1.52	100	0.85	56	1R	4H	2W	
152.40	153.92	1.52	1.46	96	0.00	0	1R	4H	2W	
153.92	155.45	1.53	1.3	85	0.50	33	1R	4H	2W	
155.45	156.97	1.52	1.51	99	0.82	54	1R	4H	2W	
156.97	158.50	1.53	1.14	75	0.13	8	1R	4H	2W	
158.50	160.02	1.52	1.5	99	0.00	0	1R	4H	2W	
160.02	161.54	1.52	1.31	86	0.15	10	1R	4H	2W	
161.54	163.07	1.53	1.18	77	0.14	9	1R	4H	2W	
163.07	164.59	1.52	1.5	99	0.35	23	1R	4H	2W	
164.59	166.12	1.53	1.27	83	0.49	32	1R	4H	2W	
166.12	167.64	1.52	1.43	94	0.33	22	1R	4H	2W	
167.64	169.16	1.52	1.37	90	0.55	36	1R	4H	2W	
169.16	170.67	1.51	1.4	93	0.31	21	1R	4H	2W	
170.67	172.21	1.54	1.51	98	0.18	12	1R	4H	2W	
172.21	173.74	1.53	1.36	89	0.39	25	1R	4H	2W	
173.74	175.26	1.52	1.45	95	0.12	8	1R	4H	2W	
175.26	176.78	1.52	1.3	86	0.53	35	1R	4H	2W	
176.78	178.31	1.53	1.52	99	0.19	12	1R	4H	2W	
178.31	179.83	1.52	1.23	81	0.49	32	2R	4H	2W	
179.83	181.36	1.53	1.06	69	0.12	8	1R	4H	2W	
181.36	182.88	1.52	1.5	99	0.22	14	1R	4H	2W	
182.88	184.40	1.52	1.44	95	0.79	52	1R	4H	2W	
184.40	185.93	1.53	1.38	90	1.14	75	1R	4H	2W	
185.93	187.45	1.52	1.43	94	1.01	66	1R	4H	2W	
187.45	188.98	1.53	1.1	72	0.29	19	1R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
188.98	190.50	1.52	0.08	5	0.00	0	1R	3H	2W	
190.50	191.11	0.61	0.04	7	0.00	0	1R	3H	2W	
191.11	192.02	0.91	0.1	11	0.00	0	1R	3H	3W	
192.02	193.55	1.53	0.64	42	0.00	0	1R	2H	3W	
193.55	195.07	1.52	1	66	0.20	13	1R	4H	2W	
195.07	196.60	1.53	1.23	80	0.27	18	1R	4H	2W	
196.60	198.12	1.52	1.4	92	0.60	39	1R	4H	2W	
198.12	199.64	1.52	1.51	99	1.12	74	1R	3H	1W	
199.64	201.17	1.53	1.45	95	0.94	61	1R	4H	1W	
201.17	202.69	1.52	1.52	100	1.36	89	1R	4H	1W	
202.69	204.22	1.53	1.27	83	0.52	34	1R	4H	1W	
204.22	205.74	1.52	1.51	99	1.12	74	1R	4H	1W	
205.74	207.26	1.52	1.48	97	0.73	48	1R	4H	1W	
207.26	208.79	1.53	1.44	94	0.93	61	1R	3H	1W	
208.79	210.31	1.52	1.51	99	0.63	41	1R	4H	1W	
210.31	211.84	1.53	1.52	99	0.66	43	1R	4H	1W	
211.84	213.36	1.52	1.47	97	0.78	51	1R	4H	1W	
213.36	214.88	1.52	1.52	100	1.10	72	1R	4H	1W	
214.88	216.41	1.53	1.49	97	1.30	85	1R	4H	1W	
216.41	217.93	1.52	1.44	95	1.30	86	1R	3H	1W	
217.93	219.46	1.53	1.47	96	1.29	84	1R	3H	1W	
219.46	220.98	1.52	1.35	89	0.50	33	1R	3H	1W	
220.98	222.50	1.52	1.47	97	1.01	66	1R	4H	1W	
222.50	224.03	1.53	1.52	99	0.85	56	1R	4H	1W	
224.03	225.55	1.52	1.46	96	1.03	68	1R	4H	1W	
225.55	227.08	1.53	1.52	99	1.42	93	1R	3H	1W	
227.08	228.60	1.52	1.49	98	1.05	69	1R	3H	1W	
228.60	230.12	1.52	1.51	99	1.39	91	1R	3H	1W	
230.12	231.65	1.53	1.51	99	1.41	92	1R	3H	1W	
231.65	233.17	1.52	1.52	100	1.49	98	1R	3H	1W	
233.17	234.70	1.53	1.46	95	1.28	84	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
234.70	236.22	1.52	1.52	100	1.19	78	1R	4H	1W	
236.22	237.74	1.52	1.41	93	1.30	86	1R	4H	1W	
237.74	239.27	1.53	1.52	99	1.39	91	1R	4H	2W	
239.27	240.79	1.52	1.52	100	0.78	51	1R	3H	2W	
240.79	242.32	1.53	1.05	69	0.21	14	1R	3H	2W	
242.32	243.84	1.52	1.43	94	0.43	28	1R	4H	2W	
243.84	245.36	1.52	1.27	84	0.80	53	1R	4H	2W	
245.36	246.89	1.53	0.69	45	0.00	0	1R	4H	2W	
246.89	248.41	1.52	0.1	7	0.00	0	1R	4H	2W	
248.41	249.94	1.53	0.39	25	0.14	9	1R	2H	3W	
249.94	251.46	1.52	0.96	63	0.47	31	1R	4H	2W	
251.46	252.98	1.52	1.52	100	0.44	29	1R	4H	2W	
252.98	254.51	1.53	1.52	99	1.04	68	1R	4H	2W	
254.51	256.03	1.52	1.49	98	0.77	51	1R	4H	2W	
256.03	257.56	1.53	1.48	97	0.59	39	2R	4H	1W	
257.56	259.08	1.52	1.35	89	0.84	55	1R	4H	1W	
259.08	260.60	1.52	1.38	91	0.93	61	1R	4H	1W	
260.60	262.13	1.53	1.52	99	1.25	82	1R	4H	1W	
262.13	263.65	1.52	1.52	100	1.20	79	1R	4H	1W	
263.65	265.18	1.53	1.37	90	0.89	58	1R	4H	1W	
265.18	266.70	1.52	1.43	94	1.19	78	1R	4H	2W	
266.70	268.22	1.52	1.46	96	0.36	24	1R	4H	2W	
268.22	269.75	1.53	1.52	99	0.70	46	1R	4H	1W	
269.75	270.05	0.30	0.27	90	0.12	40	1R	4H	1W	
270.05	272.80	2.75	2.29	83	0.89	32	1R	4H	1W	
272.80	275.84	3.04	2.9	95	1.60	53	1R	4H	1W	
275.84	278.89	3.05	2.89	95	1.12	37	1R	4H	1W	
278.89	281.94	3.05	3	98	2.04	67	1R	4H	1W	
281.94	284.99	3.05	3	98	1.91	63	1R	3H	1W	
284.99	288.04	3.05	2.78	91	2.13	70	1R	4H	1W	
288.04	291.08	3.04	3.03	100	2.51	83	1R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
291.08	294.13	3.05	2.9	95	1.92	63	1R	3H	1W	
294.13	297.18	3.05	2.86	94	1.05	34	1R	4H	2W	
297.18	299.31	2.13	1.87	88	0.32	15	1R	4H	2W	
299.31	302.05	2.74	2.46	90	1.00	36	1R	4H	2W	
302.05	305.10	3.05	2.72	89	0.97	32	1R	3H	2W	
305.10	306.32	1.22	0.85	70	0.28	23	1R	3H	2W	
306.32	309.37	3.05	3.04	100	1.08	35	1R	3H	1W	
309.37	312.42	3.05	3	98	1.35	44	1R	3H	1W	
312.42	315.47	3.05	3.04	100	2.55	84	1R	4H	1W	
315.47	318.52	3.05	3.05	100	2.73	90	1R	4H	2W	
318.52	321.56	3.04	2.68	88	1.06	35	1R	3H	2W	
321.56	324.61	3.05	2.89	95	1.40	46	1R	4H	1W	
324.61	327.66	3.05	2.97	97	1.64	54	1R	4H	2W	
327.66	330.71	3.05	3.05	100	1.55	51	1R	4H	1W	
330.71	333.76	3.05	2.99	98	0.72	24	1R	4H	1W	
333.76	336.80	3.04	3.04	100	2.33	77	1R	4H	2W	
336.80	339.85	3.05	3.04	100	2.71	89	1R	4H	2W	
339.85	342.90	3.05	3.04	100	0.78	26	1R	3H	2W	
342.90	345.95	3.05	2.84	93	1.59	52	1R	4H	1W	
345.95	349.00	3.05	2.54	83	1.50	49	1R	3H	3W	
349.00	352.04	3.04	2.95	97	0.71	23	1R	4H	2W	
352.04	355.09	3.05	2.91	95	1.69	55	1R	3H	2W	
355.09	358.14	3.05	3.05	100	2.62	86	1R	4H	1W	
358.14	361.19	3.05	2.59	85	1.15	38	1R	4H	2W	
361.19	364.24	3.05	2.75	90	1.02	33	1R	3H	3W	
364.24	367.28	3.04	2.95	97	1.06	35	1R	3H	3W	
367.28	370.33	3.05	2.97	97	1.53	50	1R	3H	1W	
370.33	373.38	3.05	3	98	2.90	95	1R	4H	1W	
373.38	376.43	3.05	2.93	96	2.32	76	1R	4H	1W	
376.43	379.48	3.05	2.9	95	1.92	63	1R	4H	1W	
379.48	382.52	3.04	3.04	100	0.95	31	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
382.52	385.57	3.05	3	98	1.97	65	1R	4H	1W	
385.57	388.62	3.05	3.02	99	2.59	85	1R	4H	1W	
388.62	391.67	3.05	2.96	97	2.34	77	1R	3H	1W	
391.67	394.72	3.05	2.9	95	1.49	49	1R	3H	1W	
394.72	397.76	3.04	2.89	95	1.83	60	1R	3H	1W	
397.76	400.81	3.05	3.05	100	2.00	66	1R	3H	2W	
400.81	403.86	3.05	2.94	96	2.38	78	1R	4H	2W	
403.86	406.91	3.05	3	98	1.92	63	1R	3H	2W	
406.91	409.96	3.05	3.01	99	2.05	67	1R	3H	2W	
409.96	413.00	3.04	3.04	100	2.27	75	1R	3H	2W	
413.00	416.05	3.05	3.04	100	1.54	50	1R	3H	2W	
416.05	419.10	3.05	2.92	96	2.48	81	1R	4H	2W	
419.10	422.15	3.05	2.96	97	1.48	49	1R	4H	2W	
422.15	425.20	3.05	2.91	95	1.69	55	1R	3H	2W	
425.20	428.24	3.04	2.96	97	1.87	62	1R	3H	2W	
428.24	431.29	3.05	3.04	100	1.63	53	1R	3H	2W	

OS -13-215

Nadaleen
Isis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K310065	13-039		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397984	13-036			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397975	13-036		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397966	13-035			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397963	13-035		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397958	13-035			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M397956	13-035		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310075	13-039			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309951	13-056		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310067	13-039			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310044	13-037			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310041	13-037		CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310021	13-037			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310012	13-037		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310008	13-036			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310004	13-036		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309969	13-057		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309960	13-057			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309954	13-056			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310071	13-039		CS2	☐	☐	☐
3.05	6.10	3.05	DST, OVB	1.57	51	M397944	13-035			☐	☐	☐
6.10	9.14	3.04	DST	2.64	87	M397945	13-035			☐	☐	☐
9.14	12.19	3.05	DST	2.80	92	M397946	13-035			☐	☐	☐
12.19	15.24	3.05	DST	2.48	81	M397947	13-035			☐	☐	☐
12.19	15.24	3.05	DST	2.89	95	M397948	13-035			☐	☑	☐
15.24	18.29	3.05	DST	2.90	95	M397949	13-035			☐	☐	☐
18.29	21.34	3.05	DST	2.91	95	M397950	13-035			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
21.34	24.38	3.04	DST	2.48	82	M397951	13-035			☐	☐	☐
24.38	27.43	3.05	DST	2.91	95	M397952	13-035			☐	☐	☐
27.43	30.48	3.05	DST	2.87	94	M397953	13-035			☐	☐	☐
30.48	33.53	3.05	DST	3.03	99	M397954	13-035			☐	☐	☐
33.53	36.58	3.05	DST	2.55	84	M397955	13-035			☐	☐	☐
36.58	39.62	3.04	DST	2.72	89	M397957	13-035			☐	☐	☐
39.62	42.67	3.05	DST	2.86	94	M397959	13-035			☐	☐	☐
42.67	45.72	3.05	DST	2.98	98	M397960	13-035			☐	☐	☐
45.72	48.77	3.05	DST	2.76	90	M397961	13-035			☐	☐	☐
48.77	51.82	3.05	DST	2.28	75	M397962	13-035			☐	☐	☐
51.82	54.86	3.04	DST	2.22	73	M397964	13-035			☐	☐	☐
54.86	57.91	3.05	DST	2.53	83	M397965	13-035			☐	☐	☐
57.91	60.96	3.05	DST	2.95	97	M397967	13-035			☐	☐	☐
60.96	64.01	3.05	DST	2.77	91	M397968	13-035			☐	☐	☐
64.01	67.06	3.05	DST	2.90	95	M397969	13-035			☐	☐	☐
64.01	67.06	3.05	DST	2.90	95	M397970	13-035			☐	☐	☑
67.06	70.10	3.04	DST	2.14	70	M397971	13-035			☐	☐	☐
70.10	73.15	3.05	DST	2.81	92	M397972	13-035			☐	☐	☐
73.15	76.20	3.05	DST	2.97	97	M397973	13-035			☐	☐	☐
76.20	79.25	3.05	DST	2.83	93	M397974	13-035			☐	☐	☐
79.25	82.30	3.05	DST	2.77	91	M397976	13-035			☐	☐	☐
82.30	85.34	3.04	DST	2.86	94	M397977	13-036			☐	☐	☐
85.34	88.39	3.05	DST	2.81	92	M397978	13-036			☐	☐	☐
88.39	91.44	3.05	DST	2.88	94	M397979	13-036			☐	☐	☐
91.44	94.49	3.05	DST	2.95	97	M397980	13-036			☐	☐	☐
94.49	97.54	3.05	DST	2.83	93	M397981	13-036			☐	☐	☐
97.54	100.58	3.04	DST	2.97	98	M397982	13-036			☐	☐	☐
100.58	103.63	3.05	DST	2.94	96	M397983	13-036			☐	☐	☐
103.63	106.68	3.05	DST	2.98	98	M397985	13-036			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
106.68	109.73	3.05	DST	2.94	96	M397986	13-036			☐	☐	☐
109.73	112.78	3.05	DST	2.85	93	M397987	13-036			☐	☐	☐
112.78	115.82	3.04	DST	2.79	92	M397988	13-036			☐	☐	☐
112.78	115.82	3.04	DST	2.79	92	M397989	13-036			☐	☐	☑
115.82	118.87	3.05	DST	3.02	99	M397990	13-036			☐	☐	☐
118.87	121.92	3.05	DST	2.87	94	M397991	13-036			☐	☐	☐
121.92	124.97	3.05	DST	2.92	96	M397992	13-036			☐	☐	☐
124.97	128.02	3.05	DST	2.85	93	M397993	13-036			☐	☐	☐
128.02	131.06	3.04	DST	3.00	99	M397994	13-036			☐	☐	☐
128.02	131.06	3.04	DST	3.00	99	M397995	13-036			☐	☑	☐
131.06	134.11	3.05	DST	2.87	94	M397996	13-036			☐	☐	☐
134.11	137.16	3.05	DST	2.56	84	M397997	13-036			☐	☐	☐
137.16	140.21	3.05	DST	2.66	87	M397998	13-036			☐	☐	☐
140.21	143.26	3.05	DST	2.98	98	M397999	13-036			☐	☐	☐
143.26	146.30	3.04	DST	3.03	100	M398000	13-036			☐	☐	☐
146.30	149.35	3.05	DST	2.81	92	K310001	13-036			☐	☐	☐
149.35	152.40	3.05	DST	2.94	96	K310002	13-036			☐	☐	☐
152.40	155.45	3.05	DST	2.76	90	K310003	13-036			☐	☐	☐
155.45	158.50	3.05	DST	2.65	87	K310005	13-036			☐	☐	☐
158.50	161.54	3.04	DST	2.81	92	K310006	13-036			☐	☐	☐
161.54	164.59	3.05	DST	2.68	88	K310007	13-036			☐	☐	☐
164.59	167.64	3.05	DST	2.70	89	K310009	13-036			☐	☐	☐
167.64	170.69	3.05	DST	2.77	91	K310010	13-036			☐	☐	☐
170.69	173.74	3.05	DST	2.87	94	K310011	13-036			☐	☐	☐
173.74	176.78	3.04	DST	2.75	90	K310013	13-037			☐	☐	☐
176.78	179.83	3.05	DST	2.75	90	K310014	13-037			☐	☐	☐
179.83	182.88	3.05	DST	2.56	84	K310015	13-037			☐	☐	☐
182.88	185.93	3.05	DST	2.82	92	K310016	13-037			☐	☐	☐
185.93	188.98	3.05	DST	2.53	83	K310017	13-037			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
188.98	192.02	3.04	DST	0.12	4	K310018	13-037			☐	☐	☐
192.02	195.07	3.05	DST	1.64	54	K310019	13-037			☐	☐	☐
195.07	196.60	1.53	DST	1.23	80	K310020	13-037			☐	☐	☐
196.60	199.64	3.04	DST	2.91	96	K310022	13-037			☐	☐	☐
199.64	202.69	3.05	DST	2.97	97	K310023	13-037			☐	☐	☐
202.69	205.74	3.05	DST	2.78	91	K310024	13-037			☐	☐	☐
205.74	207.26	1.52	DST	1.48	97	K310025	13-037			☐	☐	☐
207.26	209.27	2.01	DST	1.83	91	K310026	13-037			☐	☐	☐
209.27	211.84	2.57	DST	2.46	96	K310027	13-037			☐	☐	☐
211.84	214.88	3.04	SLT	2.99	98	K310028	13-037			☐	☐	☐
211.84	214.88	3.04	SLT	2.99	98	K310029	13-037			☐	☑	☐
214.88	217.93	3.05	SLT	2.93	96	K310030	13-037			☐	☐	☐
217.93	220.98	3.05	SLT	2.82	92	K310031	13-037			☐	☐	☐
220.98	224.03	3.05	SLT	2.99	98	K310032	13-037			☐	☐	☐
224.03	227.08	3.05	SLT	2.98	98	K310033	13-037			☐	☐	☐
227.08	230.12	3.04	SLT	3.00	99	K310034	13-037			☐	☐	☐
230.12	233.17	3.05	SLT	3.03	99	K310035	13-037			☐	☐	☐
233.17	236.22	3.05	SLT	2.98	98	K310036	13-037			☐	☐	☐
233.17	236.22	3.05	SLT	2.98	98	K310037	13-037			☐	☐	☑
236.22	239.27	3.05	SLT	2.93	96	K310038	13-037			☐	☐	☐
239.27	242.32	3.05	SLT	2.57	84	K310039	13-037			☐	☐	☐
242.32	245.36	3.04	SLT	2.70	89	K310040	13-037			☐	☐	☐
245.36	248.41	3.05	SLT	0.79	26	K310042	13-037			☐	☐	☐
248.41	249.97	1.56	SLT	0.39	25	K310043	13-037			☐	☐	☐
249.97	252.98	3.01	SLT	2.48	82	K310045	13-037			☐	☐	☐
252.98	256.03	3.05	SLT	3.01	99	K310046	13-037			☐	☐	☐
256.03	258.71	2.68	SLT	2.63	98	K310047	13-037			☐	☐	☐
258.71	260.72	2.01	SLT	2.00	100	K310048	13-039			☐	☐	☐
260.72	262.13	1.41	SLT	1.25	89	K310049	13-039			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
262.13	263.65	1.52	SLT	1.20	79	K310050	13-039			☐	☐	☐
263.65	266.70	3.05	SLT	2.80	92	K310051	13-039			☐	☐	☐
266.70	269.75	3.05	SLT	2.98	98	K310052	13-039			☐	☐	☐
269.75	272.80	3.05	SLT	2.56	84	K310053	13-039			☐	☐	☐
272.80	275.84	3.04	SLT	1.60	53	K310054	13-039			☐	☐	☐
272.80	275.84	3.04	SLT	1.60	53	K310055	13-039			☐	☑	☐
275.84	278.89	3.05	SLT	2.89	95	K310056	13-039			☐	☐	☐
278.89	281.94	3.05	SLT	3.00	98	K310057	13-039			☐	☐	☐
281.94	284.99	3.05	SLT	3.00	98	K310058	13-039			☐	☐	☐
284.99	288.04	3.05	SLT	2.78	91	K310059	13-039			☐	☐	☐
288.04	291.08	3.04	SLT	3.03	100	K310060	13-039			☐	☐	☐
288.04	291.08	3.04	SLT	3.03	100	K310061	13-039			☐	☐	☑
291.08	294.13	3.05	SLT	2.90	95	K310062	13-039			☐	☐	☐
294.13	299.31	5.18	SLT	4.73	91	N831581	13-C05	Chip		☐	☐	☐
299.31	305.10	5.79	SLT	5.18	89	N831582	13-C05	Chip		☐	☐	☐
305.10	309.37	4.27	SLT	3.89	91	N831583	13-C05	Chip		☐	☐	☐
309.37	315.47	6.10	SLT	6.04	99	N831584	13-C05	Chip		☐	☐	☐
315.47	321.56	6.09	SLT	5.73	94	N831585	13-C05	Chip		☐	☐	☐
321.56	327.66	6.10	SLT	5.86	96	N831586	13-C05	Chip		☐	☐	☐
327.66	333.76	6.10	SLT	6.04	99	N831587	13-C05	Chip		☐	☐	☐
333.76	339.85	6.09	SLT	6.08	100	N831588	13-C05	Chip		☐	☐	☐
339.85	342.90	3.05	SLT	3.04	100	K310063	13-039			☐	☐	☐
342.90	345.95	3.05	SLT	2.84	93	K310064	13-039			☐	☐	☐
345.95	349.00	3.05	SLT	2.54	83	K310066	13-039			☐	☐	☐
349.00	352.04	3.04	SLT	2.95	97	K310068	13-039			☐	☐	☐
352.04	355.09	3.05	SLT	2.91	95	K310069	13-039			☐	☐	☐
355.09	358.14	3.05	SLT	3.05	100	K310070	13-039			☐	☐	☐
358.14	361.19	3.05	SLT	2.59	85	K310072	13-039			☐	☐	☐
361.19	364.24	3.05	SLT	2.75	90	K310073	13-039			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
364.24	367.28	3.04	SLT	2.95	97	K310074	13-039			☐	☐	☐
367.28	370.33	3.05	SLT	2.97	97	K310076	13-039			☐	☐	☐
370.33	373.38	3.05	SLT	3.00	98	K309944	13-056			☐	☐	☐
370.33	376.43	6.10	SLT	5.93	97	N831589	13-C05	Chip		☐	☐	☐
373.38	376.43	3.05	SLT	2.93	96	K309945	13-056			☐	☐	☐
376.43	379.48	3.05	SLT	2.90	95	K309946	13-056			☐	☐	☐
376.43	382.52	6.09	SLT	5.94	98	N831590	13-C05	Chip		☐	☐	☐
379.48	382.52	3.04	SLT	3.04	100	K309947	13-056			☐	☐	☐
379.48	382.52	3.04	SLT	3.04	100	K309948	13-056			☐	☑	☐
382.52	388.62	6.10	SLT	6.02	99	N831591	13-C05	Chip		☐	☐	☐
382.52	385.57	3.05	SLT	3.00	98	K309949	13-056			☐	☐	☐
385.57	388.62	3.05	SLT	3.02	99	K309950	13-056			☐	☐	☐
388.62	391.67	3.05	SLT	2.96	97	K309952	13-056			☐	☐	☐
388.62	394.72	6.10	SLT	5.86	96	N831592	13-C05	Chip		☐	☐	☐
391.67	394.72	3.05	SLT	2.90	95	K309953	13-056			☐	☐	☐
394.72	397.76	3.04	SLT	2.89	95	K309955	13-056			☐	☐	☐
394.72	400.81	6.09	SLT	5.94	98	N831593	13-C05	Chip		☐	☐	☐
397.76	400.81	3.05	SLT	3.05	100	K309956	13-056			☐	☐	☐
400.81	403.86	3.05	SLT	2.94	96	K309957	13-057			☐	☐	☐
400.81	406.91	6.10	SLT	5.94	97	N831594	13-C05	Chip		☐	☐	☐
403.86	406.91	3.05	SLT	3.00	98	K309958	13-057			☐	☐	☐
406.91	409.96	3.05	SLT	3.01	99	K309959	13-057			☐	☐	☐
406.91	413.00	6.09	SLT	6.05	99	N831595	13-C05	Chip		☐	☐	☐
409.96	413.00	3.04	SLT	3.04	100	K309961	13-057			☐	☐	☐
413.00	416.05	3.05	SLT	3.04	100	K309962	13-057			☐	☐	☐
413.00	419.10	6.10	SLT	5.96	98	N831596	13-C05	Chip		☐	☐	☐
416.05	419.10	3.05	SLT	2.92	96	K309963	13-057			☐	☐	☐
419.10	422.15	3.05	SLT	2.96	97	K309964	13-057			☐	☐	☐
419.10	425.20	6.10	SLT	5.87	96	N831627	13-C06	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
419.10	422.15	3.05	SLT	2.96	97	K309965	13-057			☐	☐	☑
422.15	425.20	3.05	SLT	2.91	95	K309966	13-057			☐	☐	☐
425.20	428.24	3.04	SLT	2.96	97	K309967	13-057			☐	☐	☐
425.20	431.29	6.09	SLT	6.00	99	N831628	13-C06	Chip		☐	☐	☐
428.24	431.29	3.05	SLT	3.04	100	K309968	13-057			☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629510	7111935	1781.19	308.76

ZONE: Sunrise

SECTION: S500E

HOLE: OS -13-216

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 24 - Aug 27, 2013

Geology Logged By: J. Chakungal

SURVEY			
Depth (m)	Azimuth	Dip	Method
7.01	350.32	-68.5	Reflex
308.76	12.42	-69.8	Reflex

TARGET: Undercut of mineralization in OS-13-214

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.44	2.44	OVB
2.44	58.83	56.39	MST
58.83	123.6	64.77	LST
123.6	142.2	18.6	MST
142.2	308.76	166.56	LST

SAMPLES	
Numbers:	K308801 to K308825, M400470 to M400473, M400475 to M400500, N831553 to N831580, N831597
Total:	84
Batch:	034, 038, 040, C05
Certificates:	WH13138740, WH13142554, WH13142589, WH13145820

COMMENTS

Hole was shut down when it was through the projected mineralized zone. Did not try to reach the mudstone contact.

OS -13-216

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.44	2.44	OVB	--	No recovery, casing							
						--	--	---	---	--	--	0
2.44	58.83	56.39	MST	FG	Oxidized and clay altered bedded mudstone							
									CLY	3I		
						MD	GY	BD	OXI	3I	--	0
58.83	123.60	64.77	LST	MG	Limestone with interbeds of variably limey siltstone, minor diamictite and minor dolostone. *changed litho intervals based off results*							
						DK	GY					
						MD	GY	BD	OXI	1I	Py	0.5
123.60	142.20	18.60	MST	FG	Greenish-grey bedded silty mudstone. Mudstone is locally sheared, faulted, and folded, with well defined to overprinted bedding. Core is competent with only local decreases in competency due to fracturing or faulting. *changed litho intervals based off results*							
						MD	GY					
						MD	GN	BD	---	--	--	0
142.20	308.76	166.56	LST	FG	Moderately deformed and folded limestone, with a two zones of mineralization associated with faulting mid interval. Bedding becomes well behaved and defined down hole of mineralization. *changed litho intervals based off results*							
											Om	5
						MD	GY	BD	---	--	Re	5

OS -13-216

Nadaleen
Sunrise Zone
Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.44	2.44	0	0	0.00	0	--	--	--	Overburden,NR
2.44	3.96	1.52	0.06	4	0.00	0	--	--	--	very small amount of core/rubble
3.96	5.49	1.53	1.19	78	0.44	29	0R	3H	2W	
5.49	7.01	1.52	0.88	58	0.25	16	0R	2H	2W	
7.01	8.53	1.52	1.43	94	0.40	26	0R	3H	2W	
8.53	10.06	1.53	1.49	97	0.99	65	0R	3H	1W	
10.06	11.58	1.52	1.37	90	0.68	45	0R	3H	1W	
11.58	13.11	1.53	1.03	67	0.16	10	0R	3H	2W	
13.11	14.63	1.52	1.44	95	0.36	24	0R	3H	2W	
14.63	16.15	1.52	1.27	84	0.78	51	0R	3H	1W	
16.15	17.68	1.53	1.15	75	0.46	30	0R	3H	2W	
17.68	19.20	1.52	1.22	80	0.65	43	0R	3H	2W	
19.20	20.73	1.53	1	65	0.14	9	0R	3H	1W	
20.73	22.25	1.52	1.5	99	1.02	67	0R	3H	1W	
22.25	23.77	1.52	1.43	94	0.95	63	0R	3H	1W	
23.77	25.30	1.53	1.39	91	0.76	50	0R	3H	1W	
25.30	26.82	1.52	1.42	93	0.34	22	0R	3H	1W	
26.82	28.35	1.53	1.53	100	1.30	85	0R	3H	1W	
28.35	29.87	1.52	1.45	95	0.82	54	0R	3H	1W	
29.87	31.39	1.52	1.34	88	0.88	58	0R	3H	1W	
31.39	32.92	1.53	1.4	92	0.63	41	0R	3H	1W	
32.92	34.44	1.52	1.45	95	0.75	49	0R	3H	1W	
34.44	35.97	1.53	1.19	78	0.37	24	0R	3H	1W	
35.97	37.49	1.52	1.5	99	0.63	41	0R	3H	1W	
37.49	39.01	1.52	0.31	20	0.00	0	0R	3H	1W	washout?
39.01	40.54	1.53	1.39	91	0.66	43	0R	3H	1W	
40.54	42.06	1.52	1.48	97	0.40	26	0R	3H	3W	
42.06	43.59	1.53	1.48	97	0.32	21	0R	3H	1W	
43.59	45.11	1.52	1.36	89	0.99	65	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
45.11	46.63	1.52	1.52	100	0.47	31	0R	3H	1W	
46.63	48.16	1.53	1.42	93	1.07	70	0R	3H	1W	
48.16	49.68	1.52	1.46	96	1.12	74	0R	3H	1W	
49.68	51.21	1.53	1.16	76	0.60	39	0R	3H	2W	
51.21	52.73	1.52	1.35	89	0.50	33	0R	3H	2W	
52.73	54.25	1.52	1.37	90	0.49	32	0R	3H	1W	
54.25	55.78	1.53	1.48	97	0.74	48	0R	3H	1W	
55.78	57.30	1.52	1.3	86	0.21	14	3R	3H	1W	
57.30	58.83	1.53	1.33	87	0.78	51	2R	3H	1W	
58.83	60.35	1.52	1.22	80	0.35	23	4R	3H	1W	
60.35	61.87	1.52	1.37	90	1.00	66	4R	4H	1W	
61.87	63.40	1.53	1.35	88	0.64	42	1R	3H	1W	
63.40	64.92	1.52	1.28	84	0.63	41	3R	3H	1W	
64.92	66.45	1.53	1.21	79	0.40	26	4R	3H	1W	
66.45	67.97	1.52	1.38	91	0.45	30	4R	3H	1W	
67.97	69.49	1.52	1.39	91	0.83	55	4R	3H	1W	
69.49	71.02	1.53	1.53	100	0.58	38	0R	3H	1W	
71.02	72.54	1.52	1.51	99	0.54	36	4R	3H	1W	
72.54	74.07	1.53	1.47	96	0.26	17	4R	3H	1W	
74.07	75.59	1.52	1.52	100	0.60	39	--	--	--	
75.59	77.11	1.52	1.25	82	1.05	69	--	--	--	
77.11	78.64	1.53	1.53	100	1.01	66	2R	3H	1W	
78.64	80.16	1.52	1.52	100	0.39	26	4R	4H	1W	
80.16	81.69	1.53	1.48	97	0.68	44	4R	4H	1W	
81.69	83.21	1.52	1.52	100	0.59	39	4R	4H	1W	
83.21	84.73	1.52	1.42	93	0.83	55	4R	4H	1W	
84.73	86.26	1.53	1.48	97	0.70	46	4R	4H	1W	
86.26	87.78	1.52	1.38	91	0.85	56	4R	4H	1W	
87.78	89.31	1.53	1.53	100	1.30	85	4R	4H	1W	
89.31	90.83	1.52	1.51	99	0.96	63	4R	4H	1W	
90.83	92.35	1.52	1.48	97	0.81	53	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
92.35	93.88	1.53	1.53	100	1.35	88	4R	4H	1W	
93.88	95.40	1.52	1.31	86	0.84	55	4R	4H	1W	
95.40	96.93	1.53	1.53	100	1.21	79	4R	4H	1W	
96.93	98.45	1.52	1.5	99	0.50	33	4R	4H	1W	
98.45	99.97	1.52	1.52	100	0.48	32	4R	4H	1W	
99.97	101.50	1.53	1.53	100	1.07	70	4R	4H	1W	
101.50	103.02	1.52	1.33	88	0.67	44	4R	4H	1W	
103.02	104.55	1.53	1.53	100	0.79	52	4R	4H	1W	
104.55	106.07	1.52	1.4	92	0.53	35	4R	4H	1W	
106.07	107.59	1.52	1.52	100	0.74	49	4R	4H	1W	
107.59	109.12	1.53	1.51	99	0.49	32	4R	4H	1W	
109.12	110.64	1.52	1.4	92	1.11	73	4R	4H	1W	
110.64	112.17	1.53	1.39	91	0.56	37	2R	3H	1W	
112.17	113.69	1.52	1.52	100	1.13	74	2R	3H	1W	
113.69	115.21	1.52	1.47	97	0.84	55	2R	3H	1W	
115.21	116.74	1.53	1.32	86	0.85	56	2R	3H	1W	
116.74	118.26	1.52	1.38	91	1.04	68	2R	3H	1W	
118.26	119.79	1.53	1.48	97	1.29	84	3R	4H	1W	
119.79	121.31	1.52	1.43	94	0.98	64	4R	4H	1W	
121.31	122.83	1.52	1.39	91	0.29	19	4R	4H	1W	
122.83	124.36	1.53	1.35	88	0.74	48	4R	3H	1W	
124.36	125.88	1.52	1.32	87	0.81	53	4R	3H	1W	
125.88	127.41	1.53	1.51	99	1.33	87	2R	3H	1W	
127.41	128.93	1.52	1.48	97	1.05	69	2R	3H	1W	
128.93	130.45	1.52	1.51	99	1.26	83	1R	3H	1W	
130.45	131.98	1.53	1.49	97	1.22	80	0R	3H	1W	
131.98	133.50	1.52	1.46	96	1.40	92	0R	3H	1W	
133.50	135.03	1.53	1.38	90	0.81	53	0R	3H	1W	
135.03	136.55	1.52	1.52	100	1.21	80	0R	3H	1W	
136.55	138.07	1.52	1.5	99	1.36	89	0R	3H	1W	
138.07	139.60	1.53	1.43	93	1.41	92	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
139.60	141.12	1.52	1.52	100	1.14	75	0R	3H	1W	
141.12	142.65	1.53	1.53	100	0.76	50	0R	3H	1W	
142.65	144.17	1.52	1.5	99	0.32	21	4R	3H	1W	
144.17	145.69	1.52	1.52	100	1.52	100	4R	3H	1W	
145.69	147.22	1.53	1.53	100	1.53	100	4R	3H	1W	
147.22	148.74	1.52	1.5	99	0.44	29	4R	4H	1W	
148.74	150.27	1.53	1.53	100	1.04	68	4R	4H	1W	
150.27	151.79	1.52	1.45	95	1.27	84	4R	4H	1W	
151.79	153.31	1.52	1.52	100	0.67	44	4R	4H	1W	
153.31	154.84	1.53	1.36	89	0.84	55	3R	4H	1W	
154.84	156.36	1.52	1.48	97	1.23	81	3R	4H	1W	
156.36	157.89	1.53	1.53	100	1.19	78	3R	4H	1W	
157.89	159.41	1.52	1.52	100	1.37	90	4R	4H	1W	
159.41	160.93	1.52	1.47	97	1.31	86	4R	4H	1W	
160.93	162.46	1.53	1.44	94	1.44	94	4R	4H	1W	
162.46	163.98	1.52	1.45	95	0.81	53	4R	4H	1W	
163.98	165.51	1.53	1.36	89	0.97	63	3R	4H	1W	
165.51	167.03	1.52	1.5	99	1.40	92	3R	4H	1W	
167.03	168.55	1.52	1.48	97	1.16	76	4R	4H	1W	
168.55	170.08	1.53	1.53	100	1.27	83	4R	4H	1W	
170.08	171.60	1.52	1.44	95	1.44	95	4R	4H	1W	
171.60	173.13	1.53	1.5	98	1.28	84	4R	4H	1W	
173.13	174.65	1.52	1.52	100	1.25	82	4R	4H	1W	
174.65	176.17	1.52	1.52	100	1.28	84	4R	3H	1W	
176.17	177.70	1.53	1.51	99	1.12	73	4R	4H	1W	
177.70	179.22	1.52	1.52	100	1.19	78	4R	4H	1W	
179.22	180.75	1.53	1.47	96	1.03	67	4R	3H	1W	
180.75	182.27	1.52	1.51	99	1.31	86	4R	4H	1W	
182.27	183.79	1.52	1.5	99	1.21	80	4R	4H	1W	
183.79	185.32	1.53	1.53	100	1.30	85	4R	4H	1W	
185.32	186.84	1.52	1.52	100	1.43	94	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
186.84	188.37	1.53	1.5	98	1.50	98	4R	4H	1W	
188.37	189.89	1.52	1.48	97	1.48	97	4R	4H	1W	
189.89	191.41	1.52	1.52	100	1.44	95	4R	4H	1W	
191.41	192.94	1.53	1.49	97	0.55	36	4R	4H	1W	
192.94	194.46	1.52	1.4	92	0.67	44	4R	4H	1W	
194.46	195.99	1.53	1.35	88	0.36	24	4R	4H	1W	
195.99	197.51	1.52	1.31	86	0.88	58	1R	4H	1W	
197.51	199.03	1.52	1.35	89	0.17	11	2R	4H	1W	
199.03	200.56	1.53	1.4	92	0.36	24	2R	4H	1W	rubble
200.56	202.08	1.52	1.34	88	0.57	38	2R	4H	1W	
202.08	203.61	1.53	1.5	98	0.69	45	4R	4H	1W	
203.61	205.13	1.52	1.44	95	0.52	34	4R	4H	1W	
205.13	206.65	1.52	1.25	82	0.93	61	2R	4H	1W	
206.65	208.18	1.53	1.47	96	0.46	30	3R	4H	1W	
208.18	209.70	1.52	1.44	95	0.77	51	4R	4H	1W	
209.70	211.23	1.53	1.53	100	0.41	27	--	--	--	
211.23	212.75	1.52	1.51	99	1.10	72	--	--	--	
212.75	214.27	1.52	1.52	100	1.05	69	--	--	--	
214.27	215.80	1.53	1.5	98	1.15	75	--	--	--	
215.80	217.32	1.52	1.47	97	1.30	86	--	--	--	
217.32	218.85	1.53	1.53	100	1.18	77	--	--	--	
218.85	220.37	1.52	1.51	99	1.19	78	--	--	--	
220.37	221.89	1.52	1.52	100	0.75	49	4R	4H	1W	
221.89	223.42	1.53	1.41	92	0.70	46	4R	4H	1W	
223.42	224.94	1.52	1.52	100	0.38	25	4R	4H	1W	
224.94	226.47	1.53	1.4	92	0.93	61	4R	4H	1W	
226.47	227.99	1.52	1.45	95	0.98	64	4R	4H	1W	
227.99	229.51	1.52	1.5	99	0.93	61	4R	4H	1W	
229.51	231.04	1.53	1.5	98	1.41	92	4R	4H	1W	
231.04	232.56	1.52	1.36	89	0.94	62	4R	4H	1W	
232.56	234.09	1.53	1.53	100	1.11	73	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
234.09	235.61	1.52	1.42	93	0.93	61	4R	4H	1W	
235.61	237.13	1.52	1.33	88	0.35	23	4R	4H	1W	
237.13	238.66	1.53	1.53	100	0.59	39	4R	4H	1W	
238.66	240.18	1.52	1.52	100	0.63	41	4R	4H	1W	
240.18	241.71	1.53	1.44	94	1.01	66	4R	4H	1W	
241.71	243.23	1.52	1.51	99	1.24	82	4R	4H	1W	
243.23	244.75	1.52	1.38	91	0.95	63	4R	4H	1W	
244.75	246.28	1.53	1.43	93	0.94	61	4R	4H	1W	
246.28	247.80	1.52	1.43	94	0.76	50	4R	4H	1W	
247.80	249.33	1.53	1.52	99	0.96	63	4R	4H	1W	
249.33	250.85	1.52	1.5	99	1.08	71	4R	4H	1W	
250.85	252.37	1.52	1.52	100	0.98	64	4R	4H	1W	
252.37	253.90	1.53	1.51	99	1.39	91	4R	4H	1W	
253.90	255.42	1.52	1.47	97	1.47	97	4R	4H	1W	
255.42	256.95	1.53	1.53	100	1.23	80	4R	4H	1W	
256.95	258.47	1.52	1.48	97	1.30	86	4R	4H	1W	
258.47	259.99	1.52	1.52	100	1.44	95	4R	4H	1W	
259.99	261.52	1.53	1.5	98	1.38	90	4R	4H	1W	
261.52	263.04	1.52	1.44	95	1.09	72	4R	4H	1W	
263.04	264.57	1.53	1.45	95	0.50	33	4R	4H	1W	
264.57	266.09	1.52	1.51	99	0.35	23	4R	4H	1W	
266.09	267.61	1.52	1.52	100	1.29	85	4R	4H	1W	
267.61	269.14	1.53	1.5	98	1.33	87	4R	4H	1W	
269.14	270.66	1.52	1.47	97	0.99	65	4R	4H	1W	
270.66	272.19	1.53	1.53	100	1.46	95	4R	4H	1W	
272.19	273.71	1.52	1.49	98	1.06	70	4R	4H	1W	
273.71	275.23	1.52	1.3	86	0.25	16	4R	4H	1W	
275.23	276.76	1.53	1.42	93	1.22	80	4R	4H	1W	
276.76	278.28	1.52	1.52	100	1.25	82	4R	4H	1W	
278.28	279.81	1.53	1.53	100	1.53	100	4R	4H	1W	
279.81	281.33	1.52	1.52	100	1.28	84	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
281.33	282.85	1.52	1.46	96	1.39	91	4R	4H	1W	
282.85	284.38	1.53	1.34	88	1.07	70	4R	4H	1W	
284.38	285.90	1.52	1.5	99	1.50	99	4R	4H	1W	
285.90	287.43	1.53	1.53	100	1.42	93	4R	4H	1W	
287.43	288.95	1.52	1.46	96	1.24	82	4R	3H	1W	
288.95	290.47	1.52	1.52	100	0.69	45	4R	4H	1W	
290.47	292.00	1.53	1.53	100	1.27	83	4R	4H	1W	
292.00	293.52	1.52	1.52	100	1.40	92	4R	4H	1W	
293.52	295.05	1.53	1.5	98	0.68	44	4R	4H	1W	
295.05	296.57	1.52	1.43	94	0.60	39	4R	4H	1W	
296.57	298.09	1.52	1.42	93	1.42	93	4R	4H	1W	
298.09	299.62	1.53	1.52	99	1.45	95	4R	4H	1W	
299.62	301.14	1.52	1.52	100	1.42	93	4R	4H	1W	
301.14	302.67	1.53	1.53	100	1.40	92	4R	4H	1W	
302.67	304.19	1.52	1.5	99	1.50	99	4R	4H	1W	
304.19	305.71	1.52	1.5	99	1.45	95	4R	4H	1W	
305.71	307.24	1.53	1.47	96	1.28	84	4R	4H	1W	
307.24	308.76	1.52	1.48	97	1.05	69	4R	4H	1W	

OS -13-216

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K308814	13-038		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400482	13-034		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400491	13-038			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M400498	13-038		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308802	13-038			☑	☐	☐
2.44	8.53	6.09	OVB, MST	3.56	58	N831553	13-C05	Chip		☐	☐	☐
8.53	14.63	6.10	MST	5.33	87	N831554	13-C05	Chip		☐	☐	☐
14.63	20.73	6.10	MST	4.64	76	N831555	13-C05	Chip		☐	☐	☐
20.73	26.82	6.09	MST	5.74	94	N831556	13-C05	Chip		☐	☐	☐
26.82	32.92	6.10	MST	5.72	94	N831557	13-C05	Chip		☐	☐	☐
32.92	39.01	6.09	MST	4.45	73	N831558	13-C05	Chip		☐	☐	☐
39.01	45.11	6.10	MST	5.71	94	N831559	13-C05	Chip		☐	☐	☐
45.11	51.21	6.10	MST	5.56	91	N831560	13-C05	Chip		☐	☐	☐
51.21	54.25	3.04	MST	2.72	89	N831561	13-C05	Chip		☐	☐	☐
54.25	58.83	4.58	MST	4.11	90	N831562	13-C05	Chip		☐	☐	☐
58.83	64.92	6.09	LST, MST	5.22	86	N831563	13-C05	Chip		☐	☐	☐
64.92	71.02	6.10	LST	5.51	90	N831564	13-C05	Chip		☐	☐	☐
71.02	77.11	6.09	LST	5.75	94	N831565	13-C05	Chip		☐	☐	☐
77.11	83.21	6.10	LST	6.05	99	N831566	13-C05	Chip		☐	☐	☐
83.21	89.31	6.10	LST	5.81	95	N831567	13-C05	Chip		☐	☐	☐
89.31	95.40	6.09	LST	5.83	96	N831568	13-C05	Chip		☐	☐	☐
95.40	98.45	3.05	LST	3.03	99	M400489	13-034			☐	☐	☐
98.45	99.97	1.52	LST	1.52	100	M400470	13-034			☐	☐	☐
99.97	103.02	3.05	LST	2.86	94	M400471	13-034			☐	☐	☐
103.02	106.07	3.05	LST	2.93	96	M400472	13-034			☐	☐	☐
106.07	109.12	3.05	LST	3.03	99	M400473	13-034			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
109.12	110.64	1.52	LST	1.40	92	M400475	13-034			☐	☐	☐
110.64	113.69	3.05	LST	2.91	95	M400476	13-034			☐	☐	☐
113.69	116.74	3.05	LST	2.79	91	M400477	13-034			☐	☐	☐
113.69	116.74	3.05	LST	2.79	91	M400478	13-034			☐	☑	☐
116.74	119.79	3.05	LST	2.86	94	M400479	13-034			☐	☐	☐
119.79	122.83	3.04	LST	2.82	93	M400480	13-034			☐	☐	☐
122.83	125.88	3.05	LST	2.67	88	M400481	13-034			☐	☐	☐
125.88	128.93	3.05	MST	2.99	98	M400483	13-034			☐	☐	☐
128.93	131.98	3.05	MST	3.00	98	M400484	13-034			☐	☐	☐
131.98	135.03	3.05	MST	2.84	93	M400485	13-034			☐	☐	☐
135.03	138.07	3.04	MST	3.02	99	M400486	13-034			☐	☐	☐
138.07	141.12	3.05	MST	2.95	97	M400487	13-038			☐	☐	☐
141.12	144.17	3.05	MST	3.03	99	M400488	13-038			☐	☐	☐
144.17	150.27	6.10	LST	6.08	100	N831569	13-C05	Chip		☐	☐	☐
150.27	156.36	6.09	LST	5.81	95	N831570	13-C05	Chip		☐	☐	☐
156.36	162.46	6.10	LST	5.95	98	N831571	13-C05	Chip		☐	☐	☐
162.46	168.55	6.09	LST	5.79	95	N831572	13-C05	Chip		☐	☐	☐
168.55	174.65	6.10	LST	5.99	98	N831573	13-C05	Chip		☐	☐	☐
174.65	180.75	6.10	LST	6.02	99	N831574	13-C05	Chip		☐	☐	☐
180.75	186.84	6.09	LST	6.06	100	N831575	13-C05	Chip		☐	☐	☐
186.84	192.94	6.10	LST	5.99	98	N831576	13-C05	Chip		☐	☐	☐
192.94	195.99	3.05	LST	2.75	90	M400490	13-038			☐	☐	☐
195.99	199.03	3.04	LST	2.66	88	M400492	13-038			☐	☐	☐
199.03	202.08	3.05	LST	2.74	90	M400493	13-038			☐	☐	☐
202.08	203.61	1.53	LST	1.50	98	M400494	13-038			☐	☐	☐
203.61	206.65	3.04	LST	2.69	88	M400495	13-038			☐	☐	☐
206.65	209.70	3.05	LST	2.91	95	M400496	13-038			☐	☐	☐
209.70	212.75	3.05	LST	3.04	100	M400497	13-038			☐	☐	☐
212.75	215.80	3.05	LST	3.02	99	M400499	13-038			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
215.80	217.72	1.92	LST	1.85	96	M400500	13-038			☐	☐	☐
217.72	220.60	2.88	LST	2.80	97	K308801	13-038			☐	☐	☐
220.60	221.89	1.29	LST	1.25	97	K308803	13-038			☐	☐	☐
221.89	223.42	1.53	LST	1.41	92	K308804	13-038			☐	☐	☐
223.42	226.47	3.05	LST	2.85	93	K308805	13-038			☐	☐	☐
226.47	229.51	3.04	LST	2.95	97	K308806	13-038			☐	☐	☐
229.51	232.56	3.05	LST	2.86	94	K308807	13-038			☐	☐	☐
232.56	235.61	3.05	LST	2.95	97	K308808	13-038			☐	☐	☐
232.56	235.61	3.05	LST	2.95	97	K308809	13-038			☐	☐	☑
235.61	238.66	3.05	LST	2.86	94	K308810	13-038			☐	☐	☐
238.66	241.71	3.05	LST	2.96	97	K308811	13-038			☐	☐	☐
241.71	244.75	3.04	LST	2.89	95	K308812	13-038			☐	☐	☐
244.75	247.80	3.05	LST	2.86	94	K308813	13-038			☐	☐	☐
247.80	250.85	3.05	LST	3.02	99	K308815	13-038			☐	☐	☐
250.85	253.90	3.05	LST	3.03	99	K308816	13-038			☐	☐	☐
253.90	256.95	3.05	LST	3.05	100	K308817	13-038			☐	☐	☐
256.95	259.99	3.04	LST	3.00	99	K308818	13-038			☐	☐	☐
259.99	263.04	3.05	LST	2.94	96	K308819	13-038			☐	☐	☐
259.99	263.04	3.05	LST	2.94	96	K308820	13-038			☐	☑	☐
263.04	266.09	3.05	LST	2.96	97	K308821	13-038			☐	☐	☐
266.09	269.14	3.05	LST	3.02	99	K308822	13-038			☐	☐	☐
269.14	272.19	3.05	LST	3.00	98	K308823	13-038			☐	☐	☐
272.19	275.23	3.04	LST	2.79	92	K308824	13-040			☐	☐	☐
275.23	278.28	3.05	LST	2.94	96	K308825	13-040			☐	☐	☐
278.28	284.38	6.10	LST	5.85	96	N831577	13-C05	Chip		☐	☐	☐
284.38	290.47	6.09	LST	6.01	99	N831578	13-C05	Chip		☐	☐	☐
290.47	296.57	6.10	LST	5.98	98	N831579	13-C05	Chip		☐	☐	☐
296.57	302.67	6.10	LST	5.99	98	N831580	13-C05	Chip		☐	☐	☐
302.67	308.76	6.09	LST	5.95	98	N831597	13-C05	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629510	7111935	1781.22	317.91

ZONE: Sunrise

SECTION: S500E

HOLE: **OS -13-217**

CLAIM: Sten 29

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 28 - Aug 01, 2013

Geology Logged By: J. Chakungal

SURVEY			
Depth (m)	Azimuth	Dip	Method
7.01	354.02	-73.5	Reflex
317.9	7.32	-72.8	Reflex

TARGET: Undercut of mineralized zone in OS-13-216

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.96	3.96	OVB
3.96	62.2	58.24	SLT
62.2	134.32	72.12	LST
134.32	154.54	20.22	MST
154.54	317.91	163.37	LST

SAMPLES	
Numbers:	K308826 to K308850, N831598 to N831626, N831629 to N831644
Total:	70
Batch:	040, C05, C06
Certificates:	WH13138740, WH13141811, WH13145820

COMMENTS
Hole ended because it was through the projected mineralized zone. Did not try to get to the mudstone contact.

OS -13-217

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.96	3.96	OVB	--	casing. No recovery							
						--	--	---	---	--	--	0
3.96	62.20	58.24	SLT	FG	is this the correct unit classification?? Suspect this may actually be O-MST3, or the siliciclastic dominated 'top' of C-LST2. Rocks look to be fractured and highly strained in places, particularly down to ~ 26.80m. Interbedded with very minor, thin beds (~ 5-10 cm) of fine - medium grained sandstone (or dolostone?) with fine black seams throughout it. Clay alteration is associated with fault zones.							
						MD	BN	SN	ASO	2I		
						MD	GN	BD	CLY	3I	Py	5
62.20	134.32	72.12	LST	MG	In gradational contact with mud/siltstone unit described above, over ~ 3.70m below contact. Interbedded with beef calcite and minor green-grey, non calcareous mud/siltstone with blebby - disseminated pyrite in main part of interval. Iron oxide commonly observed on bedding and fracture planes. Less than 1m uphole of contact with O-DMT, limestones are quite fractured and moderately deformed.							
						DK	GY	BD	OXI	2I	Py	5
134.32	154.54	20.22	MST	FG	Appears to be interbedded and sheared with C-LST2. Below gradational contact, rocks look quite fractured though bedding is still preserved. A zone of brecciation begins at ~ 145.25m. Intensely brecciated over first 0.48m, reddish-brown and green in colour. Highly fractured and faulted with abundant black veinlets. Contact with underlying O-LST1 looks quite sharp and also openly folded. Pyrite mineralization is patchy and dissemintated.							
						MD	GN					
						MD	BN	FR			Py	5
						MD	GY	BD	CLY	3I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
154.54	317.91	163.37	LST	FG	interbedded and gently/openly folded with minor amounts of non-weakly calcareous mud/siltstone and rudstone. Quite fractured. Abundent evidence for dissolution and displacement along bedding. Mineralized with realgar and orpiment. Minor amounts of dissemenated pyrite also.							
											Fl	10
								SN			Om	20
								FR			Re	20
						MD	GY	BD	ASO	3I	Py	5

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.96	3.96	0	0	0.00	0	--	--	--	NR overburden
3.96	5.49	1.53	1.22	80	0.00	0	0R	3H	2W	
5.49	7.01	1.52	1.19	78	0.59	39	0R	3H	3W	
7.01	8.53	1.52	1.36	89	0.67	44	0R	3H	3W	
8.53	10.06	1.53	1.53	100	0.61	40	0R	3H	1W	
10.06	11.58	1.52	1.52	100	0.53	35	0R	3H	1W	
11.58	13.11	1.53	1.53	100	0.66	43	0R	3H	1W	
13.11	14.63	1.52	1.28	84	0.57	38	0R	3H	3W	
14.63	16.15	1.52	1.52	100	0.37	24	0R	3H	2W	
16.15	17.68	1.53	1.42	93	0.52	34	0R	3H	2W	
17.68	19.20	1.52	1.41	93	0.41	27	0R	3H	2W	
19.20	20.73	1.53	1.35	88	0.74	48	0R	3H	2W	
20.73	22.25	1.52	1.52	100	0.44	29	0R	3H	1W	
22.25	23.77	1.52	1.41	93	0.70	46	0R	3H	1W	
23.77	25.30	1.53	1.26	82	0.55	36	0R	3H	1W	
25.30	26.82	1.52	1.37	90	0.00	0	0R	3H	3W	
26.82	28.35	1.53	1.43	93	1.16	76	0R	3H	1W	
28.35	29.87	1.52	1.28	84	0.32	21	0R	3H	1W	
29.87	31.39	1.52	1.52	100	0.63	41	0R	3H	1W	
31.39	32.92	1.53	1.36	89	0.64	42	0R	3H	1W	
32.92	34.44	1.52	1.5	99	1.17	77	0R	3H	1W	
34.44	35.97	1.53	1.52	99	0.27	18	0R	3H	2W	
35.97	37.49	1.52	1.3	86	0.96	63	0R	3H	2W	
37.49	39.01	1.52	1.34	88	0.91	60	0R	3H	1W	
39.01	40.54	1.53	1.37	90	0.51	33	0R	3H	2W	
40.54	42.06	1.52	1.32	87	0.73	48	0R	3H	1W	
42.06	43.59	1.53	1.31	86	0.23	15	0R	3H	3W	
43.59	45.11	1.52	1.26	83	0.45	30	0R	3H	1W	
45.11	46.63	1.52	1.52	100	1.22	80	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
46.63	48.16	1.53	1.41	92	1.08	71	0R	3H	1W	
48.16	49.68	1.52	1.34	88	0.75	49	0R	3H	1W	
49.68	51.21	1.53	1.53	100	0.89	58	0R	3H	1W	
51.21	52.73	1.52	1.52	100	1.42	93	0R	3H	1W	
52.73	54.25	1.52	1.52	100	0.46	30	0R	3H	1W	
54.25	55.78	1.53	1.4	92	0.88	58	0R	3H	1W	
55.78	57.30	1.52	1.45	95	0.37	24	0R	3H	1W	
57.30	58.83	1.53	1.42	93	0.28	18	0R	3H	3W	block
58.83	60.35	1.52	0.92	61	0.00	0	0R	3H	1W	
60.35	61.87	1.52	1.45	95	1.19	78	0R	3H	1W	
61.87	63.40	1.53	1.43	93	0.42	27	2R	3H	1W	
63.40	64.92	1.52	1.47	97	0.93	61	0R	3H	1W	
64.92	66.45	1.53	1.4	92	0.97	63	3R	3H	1W	
66.45	67.97	1.52	1.33	88	0.52	34	4R	3H	1W	
67.97	69.49	1.52	1.23	81	0.27	18	4R	3H	1W	
69.49	71.02	1.53	1.41	92	0.87	57	2R	3H	1W	
71.02	72.54	1.52	1.3	86	0.44	29	2R	3H	1W	
72.54	74.07	1.53	1.38	90	0.63	41	4R	4H	1W	
74.07	75.59	1.52	1.28	84	0.21	14	4R	4H	1W	
75.59	77.11	1.52	1.36	89	0.28	18	0R	4H	1W	
77.11	78.64	1.53	1.49	97	0.69	45	2R	4H	1W	
78.64	80.16	1.52	1.45	95	0.48	32	0R	4H	1W	
80.16	81.69	1.53	1.53	100	1.27	83	2R	4H	1W	
81.69	83.21	1.52	1.46	96	0.77	51	3R	4H	1W	
83.21	84.73	1.52	1.52	100	0.66	43	4R	4H	1W	
84.73	86.26	1.53	1.53	100	0.89	58	4R	4H	1W	
86.26	87.78	1.52	1.5	99	1.29	85	4R	3H	1W	
87.78	89.31	1.53	1.53	100	1.09	71	4R	3H	1W	
89.31	90.83	1.52	1.46	96	0.41	27	4R	4H	1W	
90.83	92.35	1.52	1.38	91	0.23	15	4R	4H	1W	
92.35	93.88	1.53	1.51	99	0.69	45	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
93.88	95.40	1.52	1.47	97	0.50	33	4R	4H	1W	
95.40	96.93	1.53	1.53	100	0.96	63	4R	4H	1W	
96.93	98.45	1.52	1.47	97	0.96	63	4R	4H	1W	
98.45	99.97	1.52	1.52	100	0.91	60	4R	4H	1W	
99.97	101.50	1.53	1.4	92	1.06	69	4R	4H	1W	
101.50	103.02	1.52	1.5	99	1.19	78	4R	4H	1W	
103.02	104.55	1.53	1.46	95	0.92	60	4R	4H	1W	
104.55	106.07	1.52	1.46	96	0.42	28	4R	4H	1W	
106.07	107.59	1.52	1.52	100	0.83	55	4R	3H	1W	
107.59	109.12	1.53	1.5	98	0.52	34	4R	3H	1W	
109.12	110.64	1.52	1.4	92	1.00	66	4R	3H	1W	
110.64	112.17	1.53	1.53	100	0.37	24	3R	3H	1W	
112.17	113.69	1.52	1.5	99	0.30	20	4R	3H	1W	
113.69	115.21	1.52	1.45	95	1.15	76	3R	3H	1W	
115.21	116.74	1.53	1.5	98	0.28	18	4R	4H	1W	
116.74	118.26	1.52	1.46	96	0.48	32	4R	4H	1W	
118.26	119.79	1.53	1.53	100	0.58	38	4R	4H	1W	
119.79	121.31	1.52	1.4	92	1.30	86	4R	4H	1W	
121.31	122.83	1.52	1.46	96	0.88	58	4R	4H	1W	
122.83	124.36	1.53	1.44	94	1.01	66	4R	4H	1W	
124.36	125.88	1.52	1.42	93	0.31	20	4R	4H	1W	
125.88	127.41	1.53	1.48	97	0.80	52	4R	4H	1W	
127.41	128.93	1.52	1.38	91	0.90	59	4R	4H	1W	
128.93	130.45	1.52	1.46	96	1.08	71	4R	4H	1W	
130.45	131.98	1.53	1.38	90	1.17	76	4R	4H	1W	
131.98	133.50	1.52	1.38	91	0.94	62	4R	4H	1W	
133.50	135.03	1.53	1.37	90	0.84	55	4R	3H	1W	
135.03	136.55	1.52	1.48	97	1.29	85	0R	3H	1W	
136.55	138.07	1.52	1.51	99	0.94	62	0R	3H	1W	
138.07	139.60	1.53	1.48	97	1.42	93	0R	3H	1W	
139.60	141.12	1.52	1.52	100	0.88	58	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
141.12	142.65	1.53	1.53	100	1.28	84	0R	3H	1W	
142.65	144.17	1.52	1.52	100	1.52	100	0R	3H	1W	
144.17	145.69	1.52	1.43	94	1.15	76	0R	3H	1W	
145.69	147.22	1.53	1.48	97	1.28	84	0R	3H	1W	
147.22	148.74	1.52	1.52	100	0.96	63	0R	3H	1W	
148.74	150.27	1.53	1.48	97	1.39	91	0R	3H	1W	
150.27	151.79	1.52	1.5	99	1.13	74	0R	3H	1W	
151.79	153.31	1.52	1.52	100	1.52	100	0R	3H	1W	
153.31	154.84	1.53	1.53	100	0.90	59	0R	3H	1W	
154.84	156.36	1.52	1.47	97	1.05	69	4R	3H	1W	
156.36	157.89	1.53	1.51	99	0.75	49	4R	4H	1W	
157.89	159.41	1.52	1.5	99	1.18	78	4R	4H	1W	
159.41	160.93	1.52	1.52	100	0.82	54	4R	4H	1W	
160.93	162.46	1.53	1.44	94	0.92	60	4R	4H	1W	
162.46	163.98	1.52	1.52	100	1.26	83	4R	4H	1W	
163.98	165.51	1.53	1.41	92	1.03	67	4R	4H	1W	
165.51	167.03	1.52	1.5	99	0.79	52	4R	4H	1W	
167.03	168.55	1.52	1.52	100	0.90	59	4R	4H	1W	
168.55	170.08	1.53	1.53	100	1.34	88	4R	4H	1W	
170.08	171.60	1.52	1.42	93	1.21	80	4R	4H	1W	
171.60	173.13	1.53	1.53	100	1.53	100	4R	4H	1W	
173.13	174.65	1.52	1.52	100	0.96	63	4R	4H	1W	
174.65	176.17	1.52	1.5	99	1.41	93	4R	3H	1W	
176.17	177.70	1.53	1.48	97	1.48	97	4R	4H	1W	
177.70	179.22	1.52	1.42	93	1.14	75	4R	4H	1W	
179.22	180.75	1.53	1.45	95	1.29	84	4R	4H	1W	
180.75	182.27	1.52	1.52	100	1.40	92	4R	4H	1W	
182.27	183.79	1.52	1.52	100	1.17	77	4R	4H	1W	
183.79	185.32	1.53	1.47	96	0.75	49	4R	4H	1W	
185.32	186.84	1.52	1.52	100	1.02	67	4R	4H	1W	
186.84	188.37	1.53	1.44	94	1.09	71	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
188.37	189.89	1.52	1.46	96	1.04	68	4R	4H	1W	
189.89	191.41	1.52	1.45	95	1.25	82	4R	4H	1W	
191.41	192.94	1.53	1.44	94	1.08	71	4R	4H	1W	
192.94	194.46	1.52	1.44	95	1.21	80	4R	4H	1W	
194.46	195.99	1.53	1.53	100	1.00	65	4R	4H	1W	
195.99	197.51	1.52	1.42	93	1.09	72	4R	4H	1W	
197.51	199.03	1.52	1.52	100	0.94	62	4R	3H	1W	
199.03	200.56	1.53	1.53	100	0.96	63	4R	4H	1W	
200.56	202.08	1.52	1.52	100	0.78	51	4R	4H	1W	
202.08	203.61	1.53	1.47	96	0.77	50	4R	4H	1W	
203.61	205.13	1.52	1.49	98	0.29	19	4R	4H	1W	
205.13	206.65	1.52	1.36	89	0.44	29	4R	4H	1W	
206.65	208.18	1.53	1.53	100	0.22	14	4R	4H	1W	
208.18	209.70	1.52	1.14	75	0.54	36	4R	4H	1W	
209.70	211.23	1.53	1.5	98	0.38	25	4R	4H	1W	
211.23	212.75	1.52	1.35	89	1.07	70	4R	4H	1W	
212.75	214.27	1.52	1.52	100	0.66	43	4R	4H	1W	
214.27	215.80	1.53	1.5	98	0.94	61	4R	4H	1W	
215.80	217.32	1.52	1.28	84	0.86	57	4R	4H	1W	
217.32	218.85	1.53	1.5	98	1.15	75	4R	4H	1W	
218.85	220.37	1.52	1.5	99	1.20	79	4R	3H	1W	
220.37	221.89	1.52	1.5	99	1.32	87	3R	3H	1W	
221.89	223.42	1.53	1.53	100	1.14	75	0R	3H	1W	
223.42	224.94	1.52	1.31	86	1.24	82	0R	3H	1W	
224.94	226.47	1.53	1.4	92	1.30	85	0R	3H	1W	
226.47	227.99	1.52	1.52	100	1.50	99	0R	3H	1W	
227.99	229.51	1.52	1.52	100	1.29	85	0R	3H	1W	
229.51	231.04	1.53	1.4	92	1.28	84	3R	3H	1W	
231.04	232.56	1.52	1.48	97	1.31	86	3R	3H	1W	
232.56	234.09	1.53	1.53	100	1.53	100	3R	4H	1W	
234.09	235.61	1.52	1.51	99	1.51	99	3R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
235.61	237.13	1.52	1.48	97	1.48	97	4R	4H	1W	
237.13	238.66	1.53	1.45	95	1.19	78	4R	4H	1W	
238.66	240.18	1.52	1.52	100	0.92	61	4R	4H	1W	
240.18	241.71	1.53	1.44	94	1.00	65	4R	4H	1W	
241.71	243.23	1.52	1.52	100	1.42	93	4R	4H	1W	
243.23	244.75	1.52	1.43	94	1.29	85	4R	4H	1W	
244.75	246.28	1.53	1.53	100	0.95	62	4R	4H	1W	
246.28	247.80	1.52	1.51	99	1.44	95	4R	4H	1W	
247.80	249.33	1.53	1.44	94	1.28	84	4R	4H	1W	
249.33	250.85	1.52	1.36	89	1.08	71	4R	4H	1W	
250.85	252.37	1.52	1.52	100	1.28	84	4R	4H	1W	
252.37	253.90	1.53	1.46	95	1.26	82	3R	4H	1W	
253.90	255.42	1.52	1.52	100	1.41	93	2R	4H	1W	
255.42	256.95	1.53	1.47	96	0.92	60	2R	4H	1W	
256.95	258.47	1.52	1.46	96	1.22	80	2R	4H	1W	
258.47	259.99	1.52	1.49	98	1.11	73	4R	4H	1W	
259.99	261.52	1.53	1.23	80	0.81	53	4R	4H	1W	
261.52	263.04	1.52	1.46	96	0.72	47	4R	4H	1W	
263.04	264.57	1.53	1.46	95	0.94	61	4R	4H	1W	
264.57	266.09	1.52	1.44	95	0.32	21	4R	4H	1W	
266.09	267.61	1.52	1.52	100	0.23	15	4R	4H	1W	
267.61	269.14	1.53	1.53	100	1.00	65	4R	4H	1W	
269.14	270.66	1.52	1.47	97	1.23	81	4R	4H	1W	
270.66	272.19	1.53	1.42	93	1.14	75	4R	4H	1W	
272.19	273.71	1.52	1.52	100	1.33	88	4R	4H	1W	
273.71	275.23	1.52	1.52	100	1.38	91	4R	4H	1W	
275.23	276.76	1.53	1.48	97	1.23	80	4R	4H	1W	
276.76	278.28	1.52	1.52	100	1.43	94	4R	4H	1W	
278.28	279.81	1.53	1.37	90	1.18	77	4R	4H	1W	
279.81	281.33	1.52	1.52	100	0.97	64	4R	4H	1W	
281.33	282.85	1.52	1.37	90	1.08	71	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
282.85	284.38	1.53	1.53	100	1.33	87	4R	4H	1W	
284.38	285.90	1.52	1.52	100	1.45	95	4R	4H	1W	
285.90	287.43	1.53	1.53	100	1.24	81	4R	4H	1W	
287.43	288.95	1.52	1.4	92	0.73	48	4R	4H	1W	
288.95	290.47	1.52	1.52	100	1.45	95	4R	4H	1W	
290.47	292.00	1.53	1.48	97	1.29	84	4R	4H	1W	
292.00	293.52	1.52	1.52	100	1.35	89	4R	4H	1W	
293.52	295.05	1.53	1.53	100	1.30	85	4R	4H	1W	
295.05	296.57	1.52	1.46	96	1.36	89	4R	4H	1W	
296.57	298.09	1.52	1.52	100	1.31	86	4R	4H	1W	
298.09	299.62	1.53	1.49	97	1.32	86	4R	4H	1W	
299.62	301.14	1.52	1.52	100	1.40	92	4R	4H	1W	
301.14	302.67	1.53	1.49	97	1.31	86	4R	4H	1W	
302.67	304.19	1.52	1.52	100	1.11	73	4R	4H	1W	
304.19	305.71	1.52	1.49	98	1.01	66	4R	4H	1W	
305.71	307.24	1.53	1.53	100	1.31	86	4R	4H	1W	
307.24	308.76	1.52	1.52	100	1.52	100	4R	4H	1W	
308.76	310.29	1.53	1.53	100	1.37	90	2R	4H	1W	
310.29	311.81	1.52	1.52	100	1.22	80	3R	4H	1W	
311.81	313.33	1.52	1.38	91	0.98	64	3R	4H	1W	
313.33	314.86	1.53	1.41	92	1.30	85	4R	4H	1W	
314.86	316.38	1.52	1.52	100	1.52	100	4R	4H	1W	
316.38	317.91	1.53	1.53	100	1.53	100	4R	4H	1W	EOH

Sample Log

OS -13-217

Nadaleen
Sunrise Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K308839	13-040			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308846	13-040		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308850	13-040			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308831	13-040		CS3	☐	☐	☐
3.96	10.06	6.10	OVB, SLT	5.30	87	N831598	13-C05	Chip		☐	☐	☐
10.06	16.15	6.09	SLT	5.85	96	N831599	13-C05	Chip		☐	☐	☐
16.15	22.25	6.10	SLT	5.70	93	N831600	13-C05	Chip		☐	☐	☐
22.25	28.35	6.10	SLT	5.47	90	N831601	13-C05	Chip		☐	☐	☐
28.35	34.44	6.09	SLT	5.66	93	N831602	13-C05	Chip		☐	☐	☐
34.44	40.54	6.10	SLT	5.53	91	N831603	13-C05	Chip		☐	☐	☐
40.54	46.63	6.09	SLT	5.41	89	N831604	13-C05	Chip		☐	☐	☐
46.63	52.73	6.10	SLT	5.80	95	N831605	13-C06	Chip		☐	☐	☐
52.73	57.30	4.57	SLT	4.37	96	N831606	13-C06	Chip		☐	☐	☐
57.30	62.20	4.90	SLT	4.85	99	N831607	13-C06	Chip		☐	☐	☐
62.20	67.97	5.77	LST, SLT	5.43	94	N831608	13-C06	Chip		☐	☐	☐
67.97	74.07	6.10	LST	5.32	87	N831609	13-C06	Chip		☐	☐	☐
74.07	80.16	6.09	LST	5.58	92	N831610	13-C06	Chip		☐	☐	☐
80.16	86.26	6.10	LST	6.04	99	N831611	13-C06	Chip		☐	☐	☐
86.26	92.35	6.09	LST	5.87	96	N831612	13-C06	Chip		☐	☐	☐
92.35	98.45	6.10	LST	5.98	98	N831613	13-C06	Chip		☐	☐	☐
98.45	104.55	6.10	LST	5.88	96	N831614	13-C06	Chip		☐	☐	☐
104.55	110.64	6.09	LST	5.88	97	N831615	13-C06	Chip		☐	☐	☐
110.64	116.74	6.10	LST	5.98	98	N831616	13-C06	Chip		☐	☐	☐
116.74	122.83	6.09	LST	5.85	96	N831617	13-C06	Chip		☐	☐	☐
122.83	128.93	6.10	LST	5.72	94	N831618	13-C06	Chip		☐	☐	☐
128.93	134.32	5.39	LST	5.38	100	N831619	13-C06	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
134.32	140.04	5.72	MST, LST	5.71	100	N831620	13-C06	Chip		☐	☐	☐
140.04	146.14	6.10	MST	5.96	98	N831621	13-C06	Chip		☐	☐	☐
146.14	150.27	4.13	MST	3.00	73	N831622	13-C06	Chip		☐	☐	☐
150.27	154.84	4.57	MST	4.26	93	N831623	13-C06	Chip		☐	☐	☐
154.84	159.41	4.57	LST	4.48	98	N831624	13-C06	Chip		☐	☐	☐
159.41	165.51	6.10	LST	5.89	97	N831625	13-C06	Chip		☐	☐	☐
165.51	171.60	6.09	LST	5.97	98	N831626	13-C06	Chip		☐	☐	☐
171.60	177.70	6.10	LST	6.03	99	N831629	13-C06	Chip		☐	☐	☐
177.70	183.79	6.09	LST	5.91	97	N831630	13-C06	Chip		☐	☐	☐
183.79	189.89	6.10	LST	5.89	97	N831631	13-C06	Chip		☐	☐	☐
189.89	195.99	6.10	LST	5.86	96	N831632	13-C06	Chip		☐	☐	☐
195.99	200.56	4.57	LST	4.47	98	N831633	13-C06	Chip		☐	☐	☐
200.56	203.61	3.05	LST	2.99	98	N831634	13-C06	Chip		☐	☐	☐
203.61	206.65	3.04	LST	2.85	94	K308826	13-040			☐	☐	☐
206.65	209.70	3.05	LST	2.67	88	K308827	13-040			☐	☐	☐
209.70	212.75	3.05	LST	2.85	93	K308828	13-040			☐	☐	☐
212.75	215.80	3.05	LST	3.02	99	K308829	13-040			☐	☐	☐
215.80	218.85	3.05	LST	2.78	91	K308830	13-040			☐	☐	☐
218.85	221.89	3.04	LST	3.00	99	K308832	13-040			☐	☐	☐
221.89	223.42	1.53	LST	1.53	100	K308833	13-040			☐	☐	☐
223.42	226.47	3.05	LST	2.71	89	K308834	13-040			☐	☐	☐
226.47	229.51	3.04	LST	3.04	100	K308835	13-040			☐	☐	☐
229.51	232.56	3.05	LST	2.88	94	K308836	13-040			☐	☐	☐
229.51	232.56	3.05	LST	2.88	94	K308837	13-040			☐	☐	☑
232.56	235.61	3.05	LST	3.04	100	K308838	13-040			☐	☐	☐
235.61	238.66	3.05	LST	2.93	96	K308840	13-040			☐	☐	☐
238.66	241.71	3.05	LST	2.96	97	K308841	13-040			☐	☐	☐
241.71	244.75	3.04	LST	2.95	97	K308842	13-040			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
244.75	247.80	3.05	LST	3.04	100	K308843	13-040			☐	☐	☐
247.80	249.33	1.53	LST	1.44	94	K308844	13-040			☐	☐	☐
249.33	252.37	3.04	LST	2.88	95	K308845	13-040			☐	☐	☐
252.37	255.42	3.05	LST	2.98	98	K308847	13-040			☐	☐	☐
255.42	258.47	3.05	LST	2.93	96	K308848	13-040			☐	☐	☐
258.47	261.52	3.05	LST	2.72	89	K308849	13-040			☐	☐	☐
261.52	267.61	6.09	LST	5.88	97	N831635	13-C06	Chip		☐	☐	☐
267.61	273.71	6.10	LST	5.94	97	N831636	13-C06	Chip		☐	☐	☐
273.71	279.81	6.10	LST	5.89	97	N831637	13-C06	Chip		☐	☐	☐
279.81	285.90	6.09	LST	5.94	98	N831638	13-C06	Chip		☐	☐	☐
285.90	292.00	6.10	LST	5.93	97	N831639	13-C06	Chip		☐	☐	☐
292.00	298.09	6.09	LST	6.03	99	N831640	13-C06	Chip		☐	☐	☐
298.09	304.19	6.10	LST	6.02	99	N831641	13-C06	Chip		☐	☐	☐
304.19	310.29	6.10	LST	6.07	100	N831642	13-C06	Chip		☐	☐	☐
310.29	313.33	3.04	LST	2.90	95	N831643	13-C06	Chip		☐	☐	☐
313.33	317.91	4.58	LST	4.58	100	N831644	13-C06	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		628535	7112471	1386.26	135.64

ZONE: Isis

SECTION:

HOLE: OS -13-218

CLAIM: Sten 5

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth: 6.1m, Out

Drilling Dates: Jul 30 - Aug 01, 2013

Geology Logged By: M. Pultz

SURVEY			
Depth (m)	Azimuth	Dip	Method
13.71	223.52	-51.1	Reflex
135.63	223.52	-51.5	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	6.1	6.1	OVB
6.1	113.28	107.18	DST
113.28	135.64	22.36	MST

SAMPLES	
Numbers:	K310077 to K310119, N831645 to N831648
Total:	47
Batch:	039, 041, C06
Certificates:	WH13141810, WH13141811, WH13145821

COMMENTS
Compared to OS-13-215 hydrothermal activity and subsequent alteration of core dramatically decreased

OS -13-218

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	6.10	6.10	OVB	--	No recovery, casing							
						--	--	---	---	--	--	0
6.10	113.28	107.18	DST	MG	Bedded medium grey dolostone with interbeds of medium to dark grey variably silty dolostone, with extensive local hydrothermally altered sequences, associated with massive pervasive dolomite, typically hosting massive pyrite mineralization.							
								BX			Om	0.5
								MA			Py	0.5
						MD	GY	BD	OXI	2I	Re	0.5
113.28	135.64	22.36	MST	FG	Green and red mudstone with interbeds of light grey quartz arenite, considered to be Narcheeley (sp?) Formation?							
						MD	GY					
						MD	RD					
						MD	GN	BD	---	--	Py	0.5

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	6.10	6.10	0	0	0.00	0	--	--	--	Caseing/Rubble/No recovery
6.10	7.62	1.52	1.31	86	0.00	0	1R	4H	3W	
7.62	9.14	1.52	1.52	100	0.39	26	2R	4H	2W	
9.14	10.67	1.53	1.37	90	0.00	0	1R	4H	2W	
10.67	12.19	1.52	1.4	92	0.43	28	2R	4H	2W	
12.19	13.72	1.53	1.52	99	0.32	21	2R	4H	2W	
13.72	15.24	1.52	1.43	94	0.51	34	2R	4H	2W	
15.24	16.76	1.52	1	66	0.55	36	1R	4H	2W	
16.76	18.29	1.53	1.52	99	0.99	65	1R	4H	2W	
18.29	19.81	1.52	1.15	76	0.43	28	1R	4H	3W	
19.81	21.34	1.53	1.52	99	0.61	40	2R	4H	1W	
21.34	22.86	1.52	1.03	68	0.44	29	1R	4H	2W	
22.86	24.38	1.52	1.52	100	0.84	55	1R	4H	2W	
24.38	25.91	1.53	1.33	87	0.00	0	1R	4H	2W	
25.91	27.43	1.52	1.33	88	0.82	54	1R	4H	2W	
27.43	28.96	1.53	1.35	88	0.24	16	1R	4H	2W	
28.96	30.48	1.52	1.4	92	0.30	20	1R	4H	2W	
30.48	32.00	1.52	1.31	86	0.39	26	1R	4H	2W	
32.00	33.53	1.53	1.49	97	0.00	0	1R	4H	2W	
33.53	35.05	1.52	1.3	86	0.15	10	1R	4H	2W	
35.05	36.58	1.53	1.37	90	0.36	24	1R	4H	2W	
36.58	38.10	1.52	1.19	78	0.00	0	1R	4H	2W	
38.10	39.62	1.52	1.29	85	0.12	8	1R	4H	2W	
39.62	41.15	1.53	1.33	87	0.11	7	1R	4H	2W	
41.15	42.67	1.52	1.52	100	0.68	45	1R	4H	2W	
42.67	44.20	1.53	1.47	96	0.52	34	1R	4H	2W	
44.20	45.72	1.52	1.41	93	0.75	49	1R	4H	2W	
45.72	47.24	1.52	1.24	82	0.36	24	1R	4H	2W	
47.24	48.77	1.53	1.47	96	0.31	20	1R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
48.77	50.29	1.52	1.52	100	1.08	71	1R	4H	3W	
50.29	51.82	1.53	1.43	93	0.00	0	1R	4H	2W	
51.82	53.34	1.52	1.52	100	0.61	40	1R	4H	3W	
53.34	54.86	1.52	1.36	89	0.53	35	1R	4H	2W	
54.86	56.39	1.53	1.52	99	0.58	38	1R	4H	2W	
56.39	57.91	1.52	1.52	100	0.46	30	1R	4H	2W	
57.91	59.44	1.53	1.52	99	0.51	33	1R	4H	2W	
59.44	60.96	1.52	1.39	91	0.37	24	1R	4H	2W	
60.96	62.48	1.52	1.24	82	0.83	55	1R	4H	2W	
62.48	64.01	1.53	1.52	99	0.73	48	1R	4H	2W	
64.01	67.06	3.05	1.46	48	0.44	14	1R	4H	2W	
67.06	68.58	1.52	1.45	95	0.00	0	1R	4H	3W	
68.58	70.10	1.52	1.17	77	0.00	0	1R	4H	3W	
70.10	71.63	1.53	1.26	82	0.00	0	1R	4H	3W	
71.63	73.15	1.52	1.25	82	0.00	0	1R	4H	3W	
73.15	74.68	1.53	1.52	99	0.12	8	1R	4H	3W	
74.68	76.20	1.52	1.44	95	0.00	0	1R	4H	3W	
76.20	77.72	1.52	1.28	84	0.00	0	1R	4H	3W	
77.72	79.25	1.53	1.52	99	0.00	0	1R	4H	3W	
79.25	80.77	1.52	1.35	89	0.00	0	1R	4H	3W	
80.77	82.30	1.53	1.53	100	0.13	8	1R	4H	3W	
82.30	83.82	1.52	1.39	91	0.00	0	1R	4H	2W	
83.82	85.34	1.52	1.5	99	0.00	0	1R	4H	2W	
85.34	86.87	1.53	1.41	92	0.28	18	1R	4H	2W	
86.87	88.39	1.52	1.27	84	0.23	15	1R	4H	2W	
88.39	89.92	1.53	1.32	86	0.11	7	1R	4H	2W	
89.92	91.44	1.52	1.39	91	0.77	51	1R	4H	2W	
91.44	92.96	1.52	1.39	91	0.60	39	1R	4H	2W	
92.96	94.49	1.53	1.38	90	0.57	37	1R	4H	3W	
94.49	96.01	1.52	1.4	92	0.52	34	1R	4H	2W	
96.01	97.54	1.53	1.36	89	0.27	18	1R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
97.54	99.06	1.52	1.24	82	0.00	0	1R	4H	2W	
99.06	100.58	1.52	1.27	84	0.00	0	1R	4H	2W	
100.58	102.11	1.53	1.44	94	0.00	0	1R	4H	2W	
102.11	103.63	1.52	1.52	100	0.13	9	1R	4H	2W	
103.63	105.16	1.53	1.52	99	0.16	10	1R	4H	2W	
105.16	106.68	1.52	1.27	84	0.37	24	1R	4H	2W	
106.68	108.20	1.52	1.52	100	0.69	45	1R	4H	2W	
108.20	109.73	1.53	1.3	85	0.10	7	1R	4H	2W	
109.73	111.25	1.52	1.43	94	0.00	0	1R	4H	2W	
111.25	112.78	1.53	1.5	98	0.00	0	1R	4H	2W	
112.78	114.30	1.52	1.47	97	0.36	24	1R	3H	2W	
114.30	115.82	1.52	1.39	91	0.50	33	1R	3H	1W	
115.82	117.35	1.53	1.52	99	1.24	81	1R	3H	1W	
117.35	118.87	1.52	1.39	91	1.04	68	1R	3H	1W	
118.87	120.40	1.53	1.52	99	0.84	55	1R	3H	1W	
120.40	121.92	1.52	1.41	93	0.67	44	1R	3H	1W	
121.92	123.44	1.52	1.52	100	1.13	74	1R	3H	1W	
123.44	124.97	1.53	1.39	91	1.23	80	1R	3H	1W	
124.97	126.50	1.53	1.48	97	1.21	79	1R	3H	1W	
126.50	128.02	1.52	1.3	86	0.67	44	1R	3H	1W	
128.02	129.54	1.52	1.52	100	0.63	41	1R	3H	1W	
129.54	131.06	1.52	1.52	100	0.92	61	1R	3H	1W	
131.06	132.59	1.53	1.52	99	0.97	63	1R	3H	1W	
132.59	134.11	1.52	1.5	99	0.66	43	1R	3H	1W	
134.11	135.64	1.53	1.52	99	1.23	80	1R	3H	1W	

Sample Log

OS -13-218

Nadaleen
Isis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K310106	13-041			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310114	13-041		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310117	13-041			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310098	13-041		CS2	☐	☐	☐
6.10	9.14	3.04	DST, OVB	2.83	93	K310077	13-039			☐	☐	☐
9.14	12.19	3.05	DST	2.77	91	K310078	13-039			☐	☐	☐
12.19	15.24	3.05	DST	2.95	97	K310079	13-039			☐	☐	☐
15.24	18.29	3.05	DST	2.52	83	K310080	13-039			☐	☐	☐
18.29	21.34	3.05	DST	2.67	88	K310081	13-039			☐	☐	☐
21.34	24.38	3.04	DST	2.55	84	K310082	13-039			☐	☐	☐
24.38	27.43	3.05	DST	2.66	87	K310083	13-039			☐	☐	☐
27.43	30.48	3.05	DST	2.75	90	K310084	13-041			☐	☐	☐
30.48	33.53	3.05	DST	2.80	92	K310085	13-041			☐	☐	☐
33.53	36.58	3.05	DST	2.56	84	K310086	13-041			☐	☐	☐
33.53	36.58	3.05	DST	2.56	84	K310087	13-041			☐	☑	☐
36.58	39.62	3.04	DST	2.48	82	K310088	13-041			☐	☐	☐
39.62	42.67	3.05	DST	2.85	93	K310089	13-041			☐	☐	☐
42.67	45.72	3.05	DST	2.88	94	K310090	13-041			☐	☐	☐
45.72	48.77	3.05	DST	2.71	89	K310091	13-041			☐	☐	☐
48.77	51.82	3.05	DST	2.95	97	K310092	13-041			☐	☐	☐
51.82	54.86	3.04	DST	2.88	95	K310093	13-041			☐	☐	☐
54.86	57.91	3.05	DST	3.04	100	K310094	13-041			☐	☐	☐
57.91	60.96	3.05	DST	2.91	95	K310095	13-041			☐	☐	☐
60.96	62.74	1.78	DST	1.24	70	K310096	13-041			☐	☐	☐
62.74	64.85	2.11	DST	1.52	72	K310097	13-041			☐	☐	☐
64.85	67.06	2.21	DST	1.46	66	K310099	13-041			☐	☐	☐
67.06	70.10	3.04	DST	2.62	86	K310100	13-041			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
70.10	73.15	3.05	DST	2.51	82	K310101	13-041					
73.15	76.20	3.05	DST	2.96	97	K310102	13-041					
76.20	79.25	3.05	DST	2.80	92	K310103	13-041					
79.25	82.30	3.05	DST	2.88	94	K310104	13-041					
82.30	85.34	3.04	DST	2.68	88	K310105	13-041					
85.34	88.39	3.05	DST	2.68	88	K310107	13-041					
88.39	91.44	3.05	DST	2.71	89	K310108	13-041					
91.44	94.49	3.05	DST	2.77	91	K310109	13-041					
94.49	97.54	3.05	DST	2.76	90	K310110	13-041					
94.49	97.54	3.05	DST	2.76	90	K310111	13-041					✔
97.54	100.58	3.04	DST	2.51	83	K310112	13-041					
100.58	103.63	3.05	DST	2.96	97	K310113	13-041					
103.63	106.68	3.05	DST	2.79	91	K310115	13-041					
106.68	109.73	3.05	DST	2.82	92	K310116	13-041					
109.73	111.25	1.52	DST	1.43	94	K310118	13-041					
111.25	113.28	2.03	DST	1.50	74	K310119	13-041					
113.28	118.87	5.59	MST, DST	4.30	77	N831645	13-C06	Chip				
118.87	124.97	6.10	MST	5.84	96	N831646	13-C06	Chip				
124.97	131.06	6.09	MST	5.82	96	N831647	13-C06	Chip				
131.06	135.64	4.58	MST	4.54	99	N831648	13-C06	Chip				

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		630600	7112472	1349.79	416.05

ZONE: Conrad

SECTION: C600E

HOLE: OS -13-219

CLAIM: Sten 24

Contractor: Superior

Drill: 7

Core Size: HQ-NQ

Casing Depth: 9.14m, Out

Drilling Dates: Aug 02 - Aug 08, 2013

Geology Logged By: M. Pultz

SURVEY			
Depth (m)	Azimuth	Dip	Method
9.14	268.62	-84.1	Reflex
416.05	194.02	-82.7	Reflex

TARGET: Eastern extention of lower zone mineralization from se

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	7.55	7.55	OVB
7.55	416.05	408.5	LST

SAMPLES	
Numbers:	K308851 to K308959, K308961 to K309000, K309651 to K309678, K310193 to K310194, N830824
Total:	180
Batch:	040, 044, 045, 046, 047, 048, M01
Certificates:	Unknown Ce, VC132864, WH13145820, WH13145822, WH13145828, WH13145850, WH13145852, WH13146955

COMMENTS
The hole was shut down in limestone past the target depth.

OS -13-219

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	7.55	7.55	OVB	--	No Recovery, Casing							
						--	--	---	---	--	--	0
7.55	416.05	408.50	LST	MG	Medium grained, medium grey, bedded limestone, with interbeds of medium to dark grey silty limestone, with local to extensive calcite flooding and veining, with associated realgar mineralization.							
						DK	GY	BX				
						MD	GY	BD	ASO	1I	Re	1

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	7.55	7.55	0	0	0.00	0	--	--	--	Casing, no recovery
7.55	7.62	0.07	0.05	71	0.00	0	4R	4H	4W	
7.62	9.14	1.52	0.73	48	0.26	17	4R	4H	4W	
9.14	10.67	1.53	0.57	37	0.00	0	4R	4H	4W	
10.67	12.19	1.52	0.58	38	0.00	0	4R	4H	4W	
12.19	13.72	1.53	1.42	93	0.99	65	1R	3H	3W	
13.72	15.24	1.52	1.28	84	0.33	22	1R	3H	2W	
15.24	16.76	1.52	1.44	95	0.74	49	1R	3H	2W	
16.76	18.29	1.53	1.35	88	0.36	24	1R	3H	1W	
18.29	19.81	1.52	1.38	91	0.86	57	1R	3H	2W	
19.81	21.34	1.53	1.44	94	0.72	47	1R	3H	1W	
21.34	22.86	1.52	1.3	86	0.68	45	4R	3H	1W	
22.86	24.38	1.52	1.52	100	1.24	82	1R	3H	1W	
24.38	25.91	1.53	1.38	90	0.78	51	1R	3H	1W	
25.91	27.43	1.52	1.32	87	0.72	47	4R	4H	1W	
27.43	28.96	1.53	1.28	84	0.96	63	4R	4H	1W	
28.96	30.48	1.52	1.35	89	0.80	53	4R	3H	1W	
30.48	32.00	1.52	1.4	92	0.58	38	4R	3H	1W	
32.00	33.53	1.53	1.53	100	0.98	64	4R	4H	1W	
33.53	35.05	1.52	1.48	97	0.61	40	4R	4H	1W	
35.05	36.58	1.53	1.25	82	0.65	42	4R	2H	1W	
36.58	38.10	1.52	1.35	89	0.80	53	4R	3H	1W	
38.10	39.62	1.52	1.32	87	0.79	52	4R	4H	1W	
39.62	41.15	1.53	1.41	92	1.08	71	4R	4H	1W	
41.15	42.67	1.52	1.5	99	0.87	57	4R	4H	1W	
42.67	44.20	1.53	1.47	96	1.14	75	4R	4H	1W	
44.20	45.72	1.52	1.45	95	0.79	52	4R	4H	1W	
45.72	47.24	1.52	1.32	87	1.00	66	4R	4H	1W	
47.24	48.77	1.53	1.44	94	0.88	58	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
48.77	50.29	1.52	1.52	100	0.95	63	4R	4H	1W	
50.29	51.82	1.53	1.31	86	0.32	21	4R	4H	1W	
51.82	53.34	1.52	1.24	82	0.69	45	4R	4H	1W	
53.34	54.86	1.52	1.28	84	1.19	78	4R	3H	1W	
54.86	56.39	1.53	1.53	100	1.18	77	4R	4H	1W	
56.39	57.91	1.52	1.21	80	0.84	55	4R	4H	1W	
57.91	59.44	1.53	1.53	100	0.86	56	3R	3H	1W	
59.44	60.96	1.52	1.52	100	0.49	32	4R	3H	1W	
60.96	62.48	1.52	1.46	96	1.32	87	2R	3H	1W	
62.48	64.01	1.53	1.53	100	1.25	82	3R	3H	1W	
64.01	65.53	1.52	1.52	100	0.95	63	4R	3H	1W	
65.53	67.06	1.53	1.53	100	1.38	90	4R	3H	1W	
67.06	68.58	1.52	1.52	100	1.43	94	4R	4H	1W	
68.58	70.10	1.52	1.52	100	1.52	100	4R	3H	1W	
70.10	71.63	1.53	1.49	97	1.34	88	4R	4H	1W	
71.63	73.15	1.52	1.48	97	1.37	90	4R	3H	1W	
73.15	74.68	1.53	1.53	100	1.45	95	4R	3H	1W	
74.68	76.20	1.52	1.49	98	1.02	67	4R	4H	1W	
76.20	77.72	1.52	1.5	99	0.90	59	4R	4H	1W	
77.72	79.25	1.53	1.5	98	0.93	61	4R	4H	1W	
79.25	80.77	1.52	1.52	100	1.13	74	4R	4H	1W	
80.77	82.30	1.53	1.49	97	1.14	75	4R	4H	1W	
82.30	83.82	1.52	1.52	100	1.18	78	4R	4H	1W	
83.82	85.34	1.52	1.52	100	1.49	98	4R	4H	1W	
85.34	86.87	1.53	1.5	98	1.29	84	4R	3H	1W	
86.87	88.39	1.52	1.5	99	1.31	86	4R	4H	1W	
88.39	89.92	1.53	1.53	100	1.35	88	4R	3H	1W	
89.92	91.44	1.52	1.48	97	1.08	71	4R	4H	1W	
91.44	92.66	1.22	1.2	98	1.17	96	4R	3H	1W	
92.66	94.49	1.83	1.53	84	1.36	74	4R	4H	1W	
94.49	96.01	1.52	1.52	100	1.26	83	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
96.01	97.54	1.53	1.53	100	1.35	88	4R	4H	1W	
97.54	99.06	1.52	1.52	100	1.20	79	4R	4H	1W	
99.06	100.58	1.52	1.49	98	1.42	93	4R	4H	1W	
100.58	102.11	1.53	1.53	100	0.25	16	4R	3H	1W	
102.11	103.63	1.52	1.4	92	0.76	50	4R	4H	1W	
103.63	105.16	1.53	1.53	100	0.55	36	4R	4H	1W	
105.16	106.68	1.52	1.38	91	0.53	35	4R	4H	1W	
106.68	108.20	1.52	1.48	97	0.56	37	4R	4H	1W	
108.20	109.73	1.53	1.47	96	1.18	77	4R	3H	1W	
109.73	111.25	1.52	1.52	100	0.64	42	4R	4H	1W	
111.25	112.78	1.53	1.47	96	1.14	75	4R	4H	1W	
112.78	114.30	1.52	1.52	100	0.73	48	4R	4H	1W	
114.30	115.82	1.52	1.42	93	0.63	41	4R	4H	1W	
115.82	117.35	1.53	1.39	91	0.81	53	4R	4H	1W	
117.35	118.87	1.52	1.5	99	1.16	76	4R	4H	1W	
118.87	120.40	1.53	1.4	92	0.64	42	4R	4H	1W	
120.40	121.92	1.52	1.38	91	0.00	0	4R	4H	1W	
121.92	123.44	1.52	1.52	100	0.84	55	4R	4H	1W	
123.44	124.97	1.53	1.43	93	1.15	75	4R	4H	1W	
124.97	126.49	1.52	1.52	100	1.23	81	4R	4H	1W	
126.49	128.02	1.53	1.45	95	1.06	69	4R	4H	1W	
128.02	129.54	1.52	1.52	100	0.84	55	4R	4H	1W	
129.54	131.06	1.52	1.28	84	0.97	64	4R	4H	1W	
131.06	132.59	1.53	1.4	92	0.82	54	4R	4H	1W	
132.59	134.11	1.52	1.34	88	0.92	61	4R	4H	1W	
134.11	135.64	1.53	1.43	93	1.20	78	4R	4H	1W	
135.64	137.16	1.52	1.42	93	0.60	39	4R	4H	1W	
137.16	138.68	1.52	1.5	99	0.94	62	4R	4H	1W	
138.68	140.21	1.53	1.53	100	1.10	72	4R	4H	1W	
140.21	141.73	1.52	1.5	99	1.17	77	4R	3H	1W	
141.73	143.26	1.53	1.53	100	0.94	61	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
143.26	144.78	1.52	1.52	100	1.20	79	4R	4H	1W	
144.78	146.30	1.52	1.42	93	1.18	78	4R	4H	1W	
146.30	147.83	1.53	1.52	99	0.95	62	4R	4H	1W	
147.83	149.35	1.52	1.52	100	1.31	86	4R	4H	1W	
149.35	150.88	1.53	1.53	100	1.34	88	4R	4H	1W	
150.88	152.40	1.52	1.32	87	0.96	63	4R	4H	1W	
152.40	153.92	1.52	1.52	100	1.08	71	4R	4H	1W	
153.92	155.45	1.53	1.53	100	1.23	80	4R	4H	1W	
155.45	156.97	1.52	1.52	100	0.90	59	4R	4H	1W	
156.97	158.50	1.53	1.04	68	0.44	29	4R	4H	1W	
158.50	160.02	1.52	1.4	92	0.72	47	4R	4H	1W	
160.02	161.54	1.52	1.43	94	0.98	64	4R	4H	1W	
161.54	163.07	1.53	1.53	100	1.04	68	4R	4H	1W	
163.07	164.59	1.52	1.48	97	0.72	47	4R	4H	1W	
164.59	166.12	1.53	1.52	99	1.28	84	4R	4H	1W	
166.12	167.64	1.52	1.52	100	0.76	50	4R	4H	1W	
167.64	169.16	1.52	1.44	95	0.57	38	4R	4H	1W	
169.16	170.69	1.53	1.52	99	0.68	44	4R	4H	1W	
170.69	172.21	1.52	1.52	100	1.14	75	4R	4H	1W	
172.21	173.74	1.53	1.52	99	1.39	91	4R	4H	1W	
173.74	175.26	1.52	1.5	99	0.79	52	4R	4H	1W	
175.26	176.78	1.52	1.33	88	0.96	63	4R	4H	1W	
176.78	178.31	1.53	1.52	99	1.00	65	4R	4H	1W	
178.31	179.83	1.52	1.48	97	1.43	94	4R	4H	1W	
179.83	181.36	1.53	1.52	99	1.04	68	4R	4H	1W	
181.36	182.88	1.52	1.24	82	0.89	59	4R	4H	1W	
182.88	184.40	1.52	1.52	100	0.66	43	4R	4H	1W	
184.40	185.93	1.53	1.52	99	1.02	67	4R	4H	1W	
185.93	187.45	1.52	1.52	100	1.33	88	4R	4H	1W	
187.45	188.98	1.53	1.17	76	0.57	37	4R	4H	1W	
188.98	190.50	1.52	1.52	100	0.68	45	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
190.50	192.02	1.52	1.47	97	1.03	68	4R	4H	1W	
192.02	193.55	1.53	1.5	98	0.88	58	4R	4H	1W	
193.55	195.07	1.52	1.39	91	1.03	68	4R	4H	1W	
195.07	196.60	1.53	1.52	99	0.67	44	4R	4H	1W	
196.60	198.12	1.52	1.52	100	0.64	42	4R	4H	1W	
198.12	199.64	1.52	1.22	80	0.50	33	4R	4H	1W	
199.64	201.17	1.53	1.41	92	0.94	61	4R	4H	1W	
201.17	202.69	1.52	1.4	92	1.07	70	4R	4H	1W	
202.69	204.22	1.53	1.4	92	0.69	45	4R	4H	1W	
204.22	205.74	1.52	1.52	100	1.32	87	4R	4H	1W	
205.74	207.26	1.52	1.52	100	1.23	81	4R	4H	1W	
207.26	208.79	1.53	1.52	99	0.88	58	4R	4H	1W	
208.79	210.31	1.52	1.5	99	0.83	55	4R	4H	1W	
210.31	211.84	1.53	1.37	90	0.85	56	4R	4H	1W	
211.84	213.36	1.52	1.42	93	1.09	72	4R	4H	1W	
213.36	214.88	1.52	1.52	100	0.79	52	4R	4H	1W	
214.88	216.41	1.53	1.49	97	0.66	43	4R	4H	1W	
216.41	217.93	1.52	1.52	100	0.87	57	4R	4H	1W	
217.93	219.46	1.53	1.52	99	1.17	76	4R	4H	1W	
219.46	220.98	1.52	1.5	99	0.61	40	4R	4H	1W	
220.98	222.50	1.52	1.51	99	1.10	72	4R	4H	1W	
222.50	224.03	1.53	1.52	99	0.50	33	4R	4H	1W	
224.03	225.55	1.52	1.5	99	0.50	33	4R	4H	1W	
225.55	227.08	1.53	1.52	99	0.86	56	4R	4H	1W	
227.08	228.60	1.52	1.48	97	1.12	74	4R	4H	1W	
228.60	230.12	1.52	1.52	100	0.71	47	4R	4H	1W	
230.12	231.65	1.53	1.53	100	1.00	65	4R	4H	1W	
231.65	233.17	1.52	1.5	99	1.12	74	4R	4H	1W	
233.17	234.70	1.53	1.42	93	1.18	77	4R	4H	1W	
234.70	236.22	1.52	1.22	80	0.82	54	4R	4H	1W	
236.22	237.74	1.52	1.52	100	1.42	93	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
237.74	239.27	1.53	1.22	80	0.45	29	4R	4H	1W	
239.27	242.32	3.05	3	98	1.85	61	4R	4H	1W	
242.32	245.36	3.04	3.03	100	1.63	54	4R	4H	1W	
245.36	248.41	3.05	2.98	98	0.72	24	4R	4H	2W	
248.41	251.46	3.05	3.05	100	1.97	65	4R	4H	2W	
251.46	254.51	3.05	3.05	100	1.72	56	4R	4H	2W	
254.51	257.56	3.05	3	98	2.40	79	4R	4H	1W	
257.56	260.60	3.04	2.94	97	2.37	78	4R	4H	1W	
260.60	263.65	3.05	3	98	2.42	79	4R	4H	1W	
263.65	266.70	3.05	3.05	100	1.89	62	4R	4H	1W	
266.70	269.75	3.05	3.05	100	2.49	82	4R	4H	1W	
269.75	272.80	3.05	3.05	100	2.13	70	4R	4H	2W	
272.80	275.84	3.04	3.03	100	2.09	69	4R	4H	2W	
275.84	278.89	3.05	3	98	1.87	61	4R	4H	2W	
278.89	281.94	3.05	2.99	98	1.93	63	4R	4H	2W	
281.94	284.99	3.05	2.74	90	1.82	60	4R	4H	2W	
284.99	288.04	3.05	3.05	100	2.20	72	4R	4H	1W	
288.04	291.08	3.04	3.04	100	2.40	79	4R	4H	2W	
291.08	294.13	3.05	3	98	2.58	85	4R	4H	1W	
294.13	297.18	3.05	3	98	2.28	75	4R	4H	1W	
297.18	300.23	3.05	3.05	100	2.43	80	4R	4H	1W	
300.23	303.28	3.05	3.05	100	2.37	78	4R	4H	1W	
303.28	306.32	3.04	3	99	2.71	89	4R	4H	1W	
306.32	309.37	3.05	2.95	97	2.28	75	3R	4H	1W	
309.37	312.42	3.05	3.05	100	2.30	75	3R	4H	1W	
312.42	315.47	3.05	2.95	97	2.62	86	4R	4H	1W	
315.47	318.52	3.05	3	98	2.73	90	4R	4H	1W	
318.52	321.56	3.04	3.04	100	2.11	69	3R	4H	1W	
321.56	324.61	3.05	2.9	95	2.56	84	4R	4H	1W	
324.61	327.66	3.05	3.02	99	2.02	66	4R	4H	1W	
327.66	330.71	3.05	3.05	100	2.84	93	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
330.71	333.76	3.05	3.05	100	2.40	79	4R	4H	1W	
333.76	336.80	3.04	2.93	96	2.57	85	4R	4H	1W	
336.80	339.85	3.05	2.87	94	1.90	62	4R	4H	1W	
339.85	342.90	3.05	2.88	94	2.07	68	4R	4H	1W	
342.90	345.95	3.05	3.05	100	1.50	49	4R	4H	1W	
345.95	349.00	3.05	3.02	99	2.72	89	4R	4H	1W	
349.00	352.04	3.04	2.88	95	1.36	45	4R	4H	1W	
352.04	355.09	3.05	3.04	100	2.51	82	4R	4H	1W	
355.09	358.14	3.05	3.05	100	2.14	70	4R	4H	1W	
358.14	361.19	3.05	2.9	95	1.62	53	4R	4H	1W	
361.19	364.24	3.05	2.9	95	2.24	73	4R	4H	1W	
364.24	367.28	3.04	2.95	97	2.49	82	4R	4H	1W	
367.28	370.33	3.05	3.04	100	2.22	73	4R	4H	1W	
370.33	373.38	3.05	2.94	96	2.19	72	4R	4H	1W	
373.38	376.43	3.05	2.94	96	1.82	60	4R	4H	1W	
376.43	379.48	3.05	3.03	99	2.80	92	4R	4H	1W	
379.48	382.52	3.04	2.93	96	2.82	93	4R	4H	1W	
382.52	385.57	3.05	2.95	97	2.15	70	4R	4H	2W	
385.57	388.62	3.05	3.02	99	2.71	89	4R	4H	1W	
388.62	391.67	3.05	3.05	100	2.98	98	4R	4H	1W	
391.67	394.72	3.05	2.98	98	1.88	62	4R	4H	1W	
394.72	397.76	3.04	3.04	100	2.88	95	4R	4H	1W	
397.76	400.81	3.05	3.03	99	2.91	95	4R	4H	1W	
400.81	403.86	3.05	3.03	99	3.03	99	4R	4H	1W	
403.86	406.91	3.05	3.02	99	2.80	92	4R	4H	1W	
406.91	409.96	3.05	3.05	100	2.22	73	4R	4H	1W	
409.96	413.00	3.04	2.94	97	2.55	84	4R	4H	1W	
413.00	416.05	3.05	2.95	97	2.51	82	4R	4H	1W	

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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K308962	13-046		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	N830824	13-M01	SGS		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310193	13-M01	SGS	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309670	13-048			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309665	13-048		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308988	13-047			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308984	13-047		CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308973	13-047			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308865	13-044		CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308966	13-046			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308947	13-046			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308944	13-046		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308925	13-045			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308921	13-045		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308911	13-045			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308907	13-045		CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308894	13-044			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308891	13-044		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308867	13-044			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K308970	13-047		CS4	☐	☐	☐
7.62	10.67	3.05	LST	1.35	44	K308851	13-040			☐	☐	☐
10.67	12.54	1.87	LST	1.42	76	K308852	13-040			☐	☐	☐
10.67	12.54	1.87	LST	1.42	76	K308853	13-040			☐	☑	☐
12.54	14.05	1.51	LST	1.20	79	K308854	13-040			☐	☐	☐
14.05	16.30	2.25	LST	2.00	89	K308855	13-M01	SGS		☐	☐	☐
16.30	18.29	1.99	LST	1.91	96	K308856	13-M01	SGS		☐	☐	☐
18.29	21.34	3.05	LST	2.82	92	K308857	13-M01	SGS		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
21.34	23.75	2.41	LST	2.32	96	K308858	13-M01	SGS		☐	☐	☐
23.75	25.80	2.05	LST	2.00	98	K308859	13-M01	SGS		☐	☐	☐
25.80	27.43	1.63	LST	1.48	91	K308860	13-044			☐	☐	☐
27.43	30.48	3.05	LST	2.63	86	K308861	13-044			☐	☐	☐
30.48	33.53	3.05	LST	2.93	96	K308862	13-044			☐	☐	☐
33.53	36.58	3.05	LST	2.73	90	K308863	13-044			☐	☐	☐
36.58	39.08	2.50	LST	2.48	99	K308864	13-044			☐	☐	☐
39.08	42.10	3.02	LST	2.91	96	K308866	13-044			☐	☐	☐
42.10	44.20	2.10	LST	2.08	99	K308868	13-044			☐	☐	☐
44.20	47.24	3.04	LST	2.77	91	K308869	13-044			☐	☐	☐
47.24	50.29	3.05	LST	2.96	97	K308870	13-044			☐	☐	☐
50.29	52.95	2.66	LST	2.59	97	K308871	13-044			☐	☐	☐
52.95	54.14	1.19	LST	1.15	97	K308872	13-044			☐	☐	☐
54.14	56.39	2.25	LST	2.10	93	K308873	13-044			☐	☐	☐
56.39	59.44	3.05	LST	2.74	90	K308874	13-044			☐	☐	☐
59.44	62.48	3.04	LST	2.98	98	K308875	13-044			☐	☐	☐
59.44	62.48	3.04	LST	2.98	98	K308876	13-044			☐	☑	☐
62.48	65.53	3.05	LST	3.05	100	K308877	13-044			☐	☐	☐
65.53	68.58	3.05	LST	3.05	100	K308878	13-044			☐	☐	☐
68.58	71.63	3.05	LST	3.01	99	K308879	13-044			☐	☐	☐
71.63	74.68	3.05	LST	3.01	99	K308880	13-044			☐	☐	☐
74.68	76.20	1.52	LST	1.49	98	K308881	13-044			☐	☐	☐
76.20	79.25	3.05	LST	3.00	98	K308882	13-044			☐	☐	☐
79.25	80.77	1.52	LST	1.52	100	K310194	13-047			☐	☐	☐
80.77	83.82	3.05	LST	2.86	94	K308883	13-044			☐	☐	☐
83.82	86.87	3.05	LST	2.90	95	K308884	13-044			☐	☐	☐
86.87	89.92	3.05	LST	2.93	96	K308885	13-044			☐	☐	☐
89.92	92.96	3.04	LST	2.80	92	K308886	13-044			☐	☐	☐
92.96	96.01	3.05	LST	2.83	93	K308887	13-044			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
92.96	96.01	3.05	LST	2.83	93	K308888	13-044			☐	☐	☑
96.01	99.06	3.05	LST	3.05	100	K308889	13-044			☐	☐	☐
99.06	102.11	3.05	LST	2.83	93	K308890	13-044			☐	☐	☐
102.11	105.16	3.05	LST	3.02	99	K308892	13-044			☐	☐	☐
105.16	108.20	3.04	LST	2.86	94	K308893	13-044			☐	☐	☐
108.20	111.25	3.05	LST	2.99	98	K308895	13-045			☐	☐	☐
111.25	113.31	2.06	LST	2.00	97	K308896	13-045			☐	☐	☐
113.31	115.82	2.51	LST	2.38	95	K308897	13-045			☐	☐	☐
115.82	117.35	1.53	LST	1.39	91	K308898	13-045			☐	☐	☐
117.35	119.28	1.93	LST	1.79	93	K308899	13-045			☐	☐	☐
117.35	119.28	1.93	LST	1.79	93	K308900	13-045			☐	☑	☐
119.28	122.08	2.80	LST	2.69	96	K308901	13-045			☐	☐	☐
122.08	124.97	2.89	LST	2.78	96	K308902	13-045			☐	☐	☐
124.97	128.02	3.05	LST	2.97	97	K308903	13-045			☐	☐	☐
128.02	131.06	3.04	LST	2.80	92	K308904	13-045			☐	☐	☐
131.06	134.11	3.05	LST	2.74	90	K308905	13-045			☐	☐	☐
134.11	137.16	3.05	LST	2.85	93	K308906	13-045			☐	☐	☐
137.16	138.68	1.52	LST	1.50	99	K308908	13-045			☐	☐	☐
138.68	140.76	2.08	LST	2.07	100	K308909	13-045			☐	☐	☐
140.76	143.00	2.24	LST	2.14	96	K308910	13-045			☐	☐	☐
143.00	144.78	1.78	LST	1.67	94	K308912	13-045			☐	☐	☐
144.78	147.83	3.05	LST	2.94	96	K308913	13-045			☐	☐	☐
147.83	150.88	3.05	LST	3.05	100	K308914	13-045			☐	☐	☐
150.88	153.92	3.04	LST	2.84	93	K308915	13-045			☐	☐	☐
153.92	156.97	3.05	LST	3.05	100	K308916	13-045			☐	☐	☐
156.97	159.00	2.03	LST	2.00	99	K308917	13-045			☐	☐	☐
159.00	161.00	2.00	LST	1.40	70	K308918	13-045			☐	☐	☐
161.00	164.05	3.05	LST	2.95	97	K308919	13-045			☐	☐	☐
164.05	166.23	2.18	LST	2.16	99	K308920	13-045			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
166.23	169.16	2.93	LST	2.93	100	K308922	13-045			☐	☐	☐
169.16	172.21	3.05	LST	3.04	100	K308923	13-045			☐	☐	☐
172.21	175.00	2.79	LST	2.72	97	K308924	13-045			☐	☐	☐
175.00	176.78	1.78	LST	1.69	95	K308926	13-045			☐	☐	☐
176.78	179.83	3.05	LST	3.00	98	K308927	13-045			☐	☐	☐
179.83	182.88	3.05	LST	2.76	90	K308928	13-045			☐	☐	☐
182.88	185.93	3.05	LST	3.04	100	K308929	13-045			☐	☐	☐
182.88	185.93	3.05	LST	3.04	100	K308930	13-045			☐	☐	☑
185.93	188.98	3.05	LST	2.69	88	K308931	13-046			☐	☐	☐
188.98	192.02	3.04	LST	2.99	98	K308932	13-046			☐	☐	☐
192.02	195.07	3.05	LST	2.89	95	K308933	13-046			☐	☐	☐
195.07	198.12	3.05	LST	3.04	100	K308934	13-046			☐	☐	☐
195.07	198.12	3.05	LST	3.04	100	K308935	13-046			☐	☐	☑
198.12	201.17	3.05	LST	2.63	86	K308936	13-046			☐	☐	☐
201.17	204.22	3.05	LST	2.80	92	K308937	13-046			☐	☐	☐
204.22	207.26	3.04	LST	3.04	100	K308938	13-046			☐	☐	☐
207.26	210.31	3.05	LST	3.02	99	K308939	13-046			☐	☐	☐
207.26	210.31	3.05	LST	3.02	99	K308940	13-046			☐	☑	☐
210.31	213.36	3.05	LST	2.79	91	K308941	13-046			☐	☐	☐
213.36	216.41	3.05	LST	3.01	99	K308942	13-046			☐	☐	☐
216.41	219.46	3.05	LST	3.04	100	K308943	13-046			☐	☐	☐
219.46	222.50	3.04	LST	3.01	99	K308945	13-046			☐	☐	☐
222.50	225.55	3.05	LST	3.02	99	K308946	13-046			☐	☐	☐
225.55	228.60	3.05	LST	3.00	98	K308948	13-046			☐	☐	☐
228.60	231.65	3.05	LST	3.05	100	K308949	13-046			☐	☐	☐
231.65	234.70	3.05	LST	2.92	96	K308950	13-046			☐	☐	☐
234.70	237.74	3.04	LST	2.74	90	K308951	13-046			☐	☐	☐
237.74	239.27	1.53	LST	1.50	98	K308952	13-046			☐	☐	☐
239.27	242.32	3.05	LST	3.00	98	K308953	13-046			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
242.32	245.36	3.04	LST	3.03	100	K308954	13-046			☐	☐	☐
245.36	248.41	3.05	LST	2.98	98	K308955	13-046			☐	☐	☐
248.41	251.46	3.05	LST	3.05	100	K308956	13-046			☐	☐	☐
251.46	253.70	2.24	LST	2.20	98	K308957	13-046			☐	☐	☐
253.70	255.00	1.30	LST	1.27	98	K308958	13-046			☐	☐	☐
255.00	257.56	2.56	LST	2.48	97	K308959	13-046			☐	☐	☐
257.56	260.60	3.04	LST	2.94	97	K308961	13-046			☐	☐	☐
260.60	263.65	3.05	LST	3.00	98	K308963	13-046			☐	☐	☐
263.65	266.70	3.05	LST	3.05	100	K308964	13-046			☐	☐	☐
266.70	269.75	3.05	LST	3.05	100	K308965	13-046			☐	☐	☐
269.75	272.80	3.05	LST	3.05	100	K308967	13-047			☐	☐	☐
272.80	274.62	1.82	LST	1.82	100	K308968	13-047			☐	☐	☐
274.62	277.25	2.63	LST	2.60	99	K308969	13-047			☐	☐	☐
277.25	278.99	1.74	LST	1.71	98	K308971	13-047			☐	☐	☐
278.99	281.32	2.33	LST	2.28	98	K308972	13-047			☐	☐	☐
281.32	284.00	2.68	LST	2.28	85	K308974	13-047			☐	☐	☐
284.00	286.00	2.00	LST	2.00	100	K308975	13-047			☐	☐	☐
286.00	288.04	2.04	LST	2.00	98	K308976	13-047			☐	☐	☐
288.04	291.08	3.04	LST	3.04	100	K308977	13-047			☐	☐	☐
291.08	294.13	3.05	LST	3.00	98	K308978	13-047			☐	☐	☐
294.13	297.18	3.05	LST	3.00	98	K308979	13-047			☐	☐	☐
294.13	297.18	3.05	LST	3.00	98	K308980	13-047			☐	☐	☑
297.18	300.23	3.05	LST	3.05	100	K308981	13-047			☐	☐	☐
300.23	302.69	2.46	LST	2.39	97	K308982	13-047			☐	☐	☐
302.69	304.36	1.67	LST	1.59	95	K308983	13-047			☐	☐	☐
304.36	306.46	2.10	LST	2.08	99	K308985	13-047			☐	☐	☐
306.46	308.48	2.02	LST	2.02	100	K308986	13-047			☐	☐	☐
308.48	311.53	3.05	LST	3.02	99	K308987	13-047			☐	☐	☐
311.53	314.58	3.05	LST	3.05	100	K308989	13-047			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
314.58	316.10	1.52	LST	1.50	99	K308990	13-047			☐	☐	☐
316.10	318.52	2.42	LST	2.39	99	K308991	13-047			☐	☐	☐
318.52	321.56	3.04	LST	3.04	100	K308992	13-047			☐	☐	☐
321.56	324.61	3.05	LST	2.90	95	K308993	13-047			☐	☐	☐
324.61	327.66	3.05	LST	3.02	99	K308994	13-047			☐	☐	☐
327.66	330.71	3.05	LST	3.05	100	K308995	13-047			☐	☐	☐
330.71	333.76	3.05	LST	3.03	99	K308996	13-047			☐	☐	☐
333.76	336.80	3.04	LST	2.93	96	K308997	13-047			☐	☐	☐
336.80	339.85	3.05	LST	2.87	94	K308998	13-047			☐	☐	☐
339.85	342.90	3.05	LST	2.88	94	K308999	13-047			☐	☐	☐
339.85	342.90	3.05	LST	2.88	94	K309000	13-047			☐	☑	☐
342.90	345.95	3.05	LST	3.05	100	K309651	13-048			☐	☐	☐
345.95	349.00	3.05	LST	3.02	99	K309652	13-048			☐	☐	☐
349.00	352.04	3.04	LST	2.88	95	K309653	13-048			☐	☐	☐
352.04	355.09	3.05	LST	3.04	100	K309654	13-048			☐	☐	☐
355.09	358.14	3.05	LST	3.05	100	K309655	13-048			☐	☐	☐
358.14	361.19	3.05	LST	2.90	95	K309656	13-048			☐	☐	☐
358.14	361.19	3.05	LST	2.90	95	K309657	13-048			☐	☐	☑
361.19	364.24	3.05	LST	2.90	95	K309658	13-048			☐	☐	☐
364.24	367.28	3.04	LST	2.93	96	K309659	13-048			☐	☐	☐
367.28	370.33	3.05	LST	3.04	100	K309660	13-048			☐	☐	☐
370.33	373.38	3.05	LST	2.94	96	K309661	13-048			☐	☐	☐
373.38	376.43	3.05	LST	2.94	96	K309662	13-048			☐	☐	☐
376.43	379.48	3.05	LST	2.80	92	K309663	13-048			☐	☐	☐
379.48	382.52	3.04	LST	2.82	93	K309664	13-048			☐	☐	☐
382.52	385.57	3.05	LST	2.95	97	K309666	13-048			☐	☐	☐
385.57	388.62	3.05	LST	2.95	97	K309667	13-048			☐	☐	☐
388.62	391.67	3.05	LST	3.02	99	K309668	13-048			☐	☐	☐
391.67	394.72	3.05	LST	3.05	100	K309669	13-048			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
394.72	397.76	3.04	LST	2.88	95	K309671	13-048			☐	☐	☐
397.76	400.81	3.05	LST	2.91	95	K309672	13-048			☐	☐	☐
400.81	403.86	3.05	LST	3.03	99	K309673	13-048			☐	☐	☐
403.86	406.91	3.05	LST	2.80	92	K309674	13-048			☐	☐	☐
406.91	409.96	3.05	LST	2.22	73	K309675	13-048			☐	☐	☐
406.91	409.96	3.05	LST	2.22	73	K309676	13-048			☐	☑	☐
409.96	413.00	3.04	LST	2.55	84	K309677	13-048			☐	☐	☐
413.00	416.05	3.05	LST	2.51	82	K309678	13-048			☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		628598	7112409	1430.5	196.6

ZONE: Isis

SECTION:

SURVEY			
Depth (m)	Azimuth	Dip	Method
18.28	22.82	0	Reflex
185.92	224.32	-54.3	Reflex

TARGET: Hole targeting potential mxn in the Isis Zone

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	OVB
1.52	176.68	175.16	DST
176.68	196.6	19.92	MST

HOLE: OS -13-220

CLAIM: Sten 5

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth: 6.1m, Out

Drilling Dates: Aug 02 - Aug 04, 2013

Geology Logged By: M. Pultz

SAMPLES	
Numbers:	K310120 to K310192, N831649 to N831650
Total:	75
Batch:	042, 043, 047, C07
Certificates:	WH13145829, WH13145852, WH13146954, WH13153666

COMMENTS
Hole shutdown in Mudstone.

OS -13-220

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB	--	No recovery, casing							
						--	--	---	---	--	--	0
1.52	176.68	175.16	DST	MG	Medium to massively bedded dolostone with interbeds of variably silty dolostone, with massive dolomite veining seen frequently throughout due to hydrothermal activity, typically assoicated with pyrite mineralization. Bedding is typically deformed where not overprinted, though local well defined bedding is visible.							
								MA				
								BX	ASO	2I	Om	0.5
						MD	GY	BD	OXI	2I	Py	2
176.68	196.60	19.92	MST	FG	Green silty to muddy beds with interbedded quartz arenite up to 60cm, more competent unit fractured and infilled with dolomite which hosts pyrite mineralization, pyrite is also disseminated in green bedded unit							
											Om	0.5
						MD	GN				Re	0.5
						MD	GY	BD	---	--	Py	3

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	No recovery, casing
1.52	3.05	1.53	0.44	29	0.00	0	2R	3H	3W	
3.05	4.57	1.52	0.9	59	0.00	0	1R	3H	3W	
4.57	6.10	1.53	1.18	77	0.31	20	2R	3H	3W	
6.10	7.62	1.52	1.34	88	0.51	34	2R	4H	2W	
7.62	9.14	1.52	1.28	84	0.79	52	2R	4H	1W	
9.14	10.67	1.53	1.52	99	0.11	7	1R	4H	1W	
10.67	12.19	1.52	1.31	86	0.61	40	2R	4H	2W	
12.19	13.72	1.53	1.4	92	0.44	29	1R	4H	1W	
13.72	15.24	1.52	1.52	100	1.30	86	2R	4H	2W	
15.24	16.76	1.52	1.34	88	0.52	34	1R	4H	2W	
16.76	18.29	1.53	1.25	82	0.62	41	1R	3H	1W	
18.29	19.81	1.52	1.52	100	1.00	66	1R	4H	1W	
19.81	21.34	1.53	1.35	88	1.10	72	2R	4H	1W	
21.34	22.86	1.52	1.52	100	0.37	24	2R	4H	1W	
22.86	24.38	1.52	1.52	100	1.04	68	2R	4H	1W	
24.38	25.91	1.53	1.52	99	0.45	29	2R	4H	1W	
25.91	27.43	1.52	1.4	92	1.04	68	2R	4H	3W	
27.43	28.96	1.53	1.53	100	0.22	14	2R	4H	2W	
28.96	30.48	1.52	1.33	88	0.58	38	2R	4H	2W	
30.48	32.00	1.52	1.44	95	0.93	61	2R	4H	1W	
32.00	33.53	1.53	1.48	97	0.71	46	2R	4H	1W	
33.53	35.05	1.52	1.52	100	0.38	25	2R	4H	1W	
35.05	36.58	1.53	1.35	88	0.77	50	2R	4H	1W	
36.58	38.10	1.52	1.51	99	0.91	60	1R	4H	1W	
38.10	39.62	1.52	1.36	89	1.00	66	1R	4H	2W	
39.62	41.15	1.53	1.53	100	0.37	24	1R	4H	2W	
41.15	42.67	1.52	1.42	93	0.77	51	1R	4H	2W	
42.67	44.20	1.53	1.4	92	0.00	0	1R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.20	45.72	1.52	1.38	91	0.12	8	1R	4H	2W	
45.72	47.24	1.52	1.48	97	0.30	20	1R	4H	2W	
47.24	48.77	1.53	1.4	92	0.00	0	1R	4H	2W	
48.77	50.30	1.53	1.42	93	0.23	15	1R	4H	3W	
50.30	51.82	1.52	1.43	94	0.34	22	1R	4H	3W	
51.82	53.34	1.52	1.39	91	0.28	18	1R	4H	2W	
53.34	54.86	1.52	1.52	100	0.94	62	1R	4H	2W	
54.86	56.39	1.53	1.52	99	0.59	39	1R	4H	2W	
56.39	59.44	3.05	1	33	0.00	0	1R	4H	2W	
59.44	60.96	1.52	1.24	82	0.00	0	1R	4H	2W	
60.96	62.48	1.52	1.41	93	0.00	0	1R	4H	2W	
62.48	64.01	1.53	1.32	86	0.16	10	1R	4H	2W	
64.01	65.53	1.52	1.41	93	0.70	46	1R	4H	2W	
65.53	67.06	1.53	1.4	92	0.51	33	1R	4H	2W	
67.06	68.58	1.52	1.41	93	0.58	38	1R	4H	2W	
68.58	70.10	1.52	1.26	83	0.00	0	1R	4H	2W	
70.10	71.63	1.53	1.44	94	0.62	41	1R	4H	2W	
71.63	73.15	1.52	1.51	99	0.97	64	1R	4H	2W	
73.15	74.68	1.53	1.39	91	1.01	66	1R	4H	2W	
74.68	76.20	1.52	1.33	88	0.81	53	1R	4H	2W	
76.20	77.72	1.52	1.43	94	0.96	63	1R	4H	2W	
77.72	79.25	1.53	1.32	86	0.67	44	1R	4H	2W	
79.25	80.77	1.52	1.42	93	0.70	46	1R	4H	2W	
80.77	82.30	1.53	1.48	97	0.69	45	1R	4H	2W	
82.30	83.82	1.52	1.38	91	0.36	24	1R	4H	2W	
83.82	85.34	1.52	1.52	100	1.13	74	1R	4H	2W	
85.34	86.87	1.53	1.38	90	0.72	47	1R	4H	2W	
86.87	88.40	1.53	1.42	93	0.13	8	1R	4H	2W	
88.40	89.92	1.52	1.51	99	0.30	20	1R	4H	2W	
89.92	91.44	1.52	1.34	88	0.45	30	1R	4H	2W	
91.44	92.96	1.52	1.46	96	0.24	16	1R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
92.96	94.49	1.53	1.39	91	0.34	22	1R	4H	2W	
94.49	96.01	1.52	1.44	95	0.00	0	1R	4H	2W	
96.01	97.54	1.53	1.53	100	0.48	31	1R	4H	2W	
97.54	99.06	1.52	1.52	100	0.34	22	1R	4H	3W	
99.06	100.58	1.52	1.3	86	0.00	0	1R	4H	3W	
100.58	102.11	1.53	1.53	100	0.00	0	1R	4H	3W	
102.11	103.63	1.52	1.52	100	0.00	0	1R	4H	3W	
103.63	105.16	1.53	1.5	98	0.00	0	1R	4H	2W	
105.16	106.68	1.52	1.41	93	0.12	8	1R	4H	3W	
106.68	108.20	1.52	1.5	99	0.00	0	1R	4H	3W	
108.20	109.73	1.53	1.29	84	0.00	0	1R	4H	2W	
109.73	111.25	1.52	1.51	99	0.22	14	1R	4H	2W	
111.25	112.78	1.53	1.52	99	0.00	0	1R	4H	2W	
112.78	114.30	1.52	1.46	96	0.74	49	1R	4H	2W	
114.30	115.82	1.52	1.41	93	0.14	9	1R	4H	2W	
115.82	117.35	1.53	1.17	76	0.00	0	1R	4H	2W	
117.35	118.87	1.52	1.52	100	0.35	23	1R	4H	2W	
118.87	120.40	1.53	1.52	99	0.61	40	1R	4H	2W	
120.40	121.92	1.52	1.27	84	0.00	0	1R	4H	2W	
121.92	123.44	1.52	1.3	86	0.00	0	1R	4H	2W	
123.44	124.97	1.53	1.3	85	0.00	0	1R	4H	2W	
124.97	126.49	1.52	1.37	90	0.36	24	1R	4H	2W	
126.49	128.02	1.53	1.52	99	0.11	7	1R	4H	2W	
128.02	129.54	1.52	1.47	97	0.29	19	1R	4H	2W	
129.54	131.06	1.52	1.38	91	0.00	0	1R	4H	2W	
131.06	132.59	1.53	1.44	94	0.17	11	1R	4H	2W	
132.59	134.11	1.52	1.49	98	0.16	11	1R	4H	2W	
134.11	135.64	1.53	1.4	92	0.59	39	1R	4H	2W	
135.64	137.16	1.52	1.23	81	0.33	22	1R	4H	2W	
137.16	138.68	1.52	1.4	92	0.49	32	1R	4H	2W	
138.68	140.21	1.53	1.52	99	0.66	43	1R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
140.21	141.73	1.52	1.51	99	0.44	29	1R	4H	2W	
141.73	143.26	1.53	1.3	85	0.93	61	1R	4H	2W	
143.26	144.78	1.52	1.46	96	0.00	0	1R	4H	2W	
144.78	146.30	1.52	1.52	100	0.43	28	1R	4H	2W	
146.30	147.83	1.53	1.52	99	0.66	43	1R	4H	2W	
147.83	149.35	1.52	1.36	89	0.75	49	1R	4H	2W	
149.35	150.88	1.53	1.52	99	1.34	88	1R	4H	1W	
150.88	152.40	1.52	1.45	95	0.80	53	1R	4H	1W	
152.40	153.92	1.52	1.41	93	0.51	34	1R	4H	2W	
153.92	155.45	1.53	1.31	86	0.31	20	1R	4H	2W	
155.45	156.97	1.52	1.51	99	0.48	32	1R	4H	2W	
156.97	158.50	1.53	1.39	91	0.69	45	1R	4H	2W	
158.50	160.02	1.52	1.52	100	0.95	63	1R	4H	2W	
160.02	161.54	1.52	1.46	96	0.59	39	1R	4H	2W	
161.54	163.07	1.53	1.47	96	0.49	32	1R	4H	2W	
163.07	164.60	1.53	1.51	99	0.75	49	1R	4H	2W	
164.60	166.12	1.52	1.5	99	0.40	26	1R	4H	2W	
166.12	167.64	1.52	1.4	92	0.67	44	1R	4H	1W	
167.64	169.16	1.52	1.51	99	0.57	38	1R	4H	2W	
169.16	170.69	1.53	1.47	96	0.40	26	1R	4H	2W	
170.69	172.21	1.52	1.51	99	0.44	29	1R	4H	2W	
172.21	173.74	1.53	1.43	93	0.24	16	1R	4H	2W	
173.74	175.26	1.52	1.52	100	0.00	0	1R	4H	2W	
175.26	176.78	1.52	1.51	99	0.77	51	1R	4H	2W	
176.78	178.31	1.53	1.49	97	1.13	74	1R	4H	1W	
178.31	179.83	1.52	1.51	99	1.01	66	1R	4H	1W	
179.83	181.36	1.53	1.52	99	1.20	78	1R	3H	1W	
181.36	182.88	1.52	1.4	92	0.95	63	0R	4H	1W	
182.88	184.40	1.52	1.45	95	0.82	54	0R	4H	1W	
184.40	185.93	1.53	1.34	88	0.77	50	0R	4H	1W	
185.93	187.45	1.52	1.48	97	0.75	49	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
187.45	188.98	1.53	1.52	99	1.37	90	0R	3H	1W	
188.98	190.50	1.52	1.52	100	1.31	86	0R	4H	1W	
190.50	192.02	1.52	1.44	95	0.96	63	0R	3H	1W	
192.02	193.55	1.53	1.53	100	0.64	42	0R	4H	1W	
193.55	195.07	1.52	1.32	87	0.96	63	0R	3H	1W	
195.07	196.60	1.53	1.52	99	1.33	87	1R	3H	1W	

Sample Log

OS -13-220

Nadaleen
Isis Zone

Archer,Cathro
& Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K310138	13-042			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310147	13-042		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310151	13-042			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310163	13-043		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310168	13-043			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310183	13-043		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310189	13-043			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310131	13-042		CS1	☐	☐	☐
1.52	4.57	3.05	OVB, DST	1.34	44	K310120	13-042			☐	☐	☐
4.57	7.62	3.05	DST	2.52	83	K310121	13-042			☐	☐	☐
7.62	10.67	3.05	DST	2.80	92	K310122	13-042			☐	☐	☐
10.67	13.72	3.05	DST	2.71	89	K310123	13-042			☐	☐	☐
13.72	16.76	3.04	DST	2.86	94	K310124	13-042			☐	☐	☐
16.76	19.81	3.05	DST	2.77	91	K310125	13-042			☐	☐	☐
16.76	19.81	3.05	DST	2.77	91	K310126	13-042			☐	☐	☑
19.81	22.86	3.05	DST	2.87	94	K310127	13-042			☐	☐	☐
22.86	25.91	3.05	DST	3.04	100	K310128	13-042			☐	☐	☐
25.91	28.96	3.05	DST	2.87	94	K310129	13-042			☐	☐	☐
28.96	32.00	3.04	DST	2.77	91	K310130	13-042			☐	☐	☐
32.00	35.05	3.05	DST	3.00	98	K310132	13-042			☐	☐	☐
35.05	38.10	3.05	DST	2.86	94	K310133	13-042			☐	☐	☐
35.05	38.10	3.05	DST	2.86	94	K310134	13-042			☐	☑	☐
38.10	41.15	3.05	DST	2.89	95	K310135	13-042			☐	☐	☐
41.15	44.20	3.05	DST	2.82	92	K310136	13-042			☐	☐	☐
44.20	47.24	3.04	DST	2.86	94	K310137	13-042			☐	☐	☐
47.24	50.29	3.05	DST	2.82	92	K310139	13-042			☐	☐	☐
50.29	53.34	3.05	DST	2.82	92	K310140	13-042			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
53.34	56.39	3.05	DST	3.04	100	K310141	13-042			☐	☐	☐
56.39	59.44	3.05	DST	2.24	73	K310142	13-042			☐	☐	☐
59.44	62.48	3.04	DST	2.65	87	K310143	13-042			☐	☐	☐
62.48	65.53	3.05	DST	2.73	90	K310144	13-042			☐	☐	☐
65.53	68.58	3.05	DST	2.81	92	K310145	13-042			☐	☐	☐
68.58	71.63	3.05	DST	2.70	89	K310146	13-042			☐	☐	☐
71.63	74.68	3.05	DST	2.90	95	K310148	13-042			☐	☐	☐
74.68	77.72	3.04	DST	2.76	91	K310149	13-042			☐	☐	☐
77.72	80.77	3.05	DST	2.74	90	K310150	13-042			☐	☐	☐
80.77	83.82	3.05	DST	2.86	94	K310152	13-042			☐	☐	☐
83.82	86.87	3.05	DST	2.90	95	K310153	13-042			☐	☐	☐
86.87	89.92	3.05	DST	2.93	96	K310154	13-042			☐	☐	☐
89.92	92.96	3.04	DST	2.80	92	K310155	13-042			☐	☐	☐
92.96	96.01	3.05	DST	2.83	93	K310156	13-043			☐	☐	☐
96.01	99.06	3.05	DST	3.05	100	K310157	13-043			☐	☐	☐
96.01	99.06	3.05	DST	3.05	100	K310158	13-043			☐	☑	☐
99.06	102.11	3.05	DST	2.83	93	K310159	13-043			☐	☐	☐
102.11	105.16	3.05	DST	3.02	99	K310160	13-043			☐	☐	☐
105.16	108.20	3.04	DST	2.91	96	K310161	13-043			☐	☐	☐
108.20	111.25	3.05	DST	2.80	92	K310162	13-043			☐	☐	☐
111.25	114.30	3.05	DST	2.98	98	K310164	13-043			☐	☐	☐
114.30	117.35	3.05	DST	2.58	85	K310165	13-043			☐	☐	☐
117.35	120.40	3.05	DST	3.04	100	K310166	13-043			☐	☐	☐
120.40	123.44	3.04	DST	2.57	85	K310167	13-043			☐	☐	☐
123.44	126.49	3.05	DST	2.67	88	K310169	13-043			☐	☐	☐
126.49	129.54	3.05	DST	2.99	98	K310170	13-043			☐	☐	☐
129.54	132.59	3.05	DST	2.82	92	K310171	13-043			☐	☐	☐
132.59	135.64	3.05	DST	2.89	95	K310172	13-043			☐	☐	☐
132.59	135.64	3.05	DST	2.89	95	K310173	13-043			☐	☐	☑

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
135.64	138.68	3.04	DST	2.63	87	K310174	13-043			☐	☐	☐
138.68	141.73	3.05	DST	3.03	99	K310175	13-043			☐	☐	☐
141.73	144.78	3.05	DST	2.76	90	K310176	13-043			☐	☐	☐
144.78	147.83	3.05	DST	3.04	100	K310177	13-043			☐	☐	☐
147.83	150.88	3.05	DST	2.88	94	K310178	13-043			☐	☐	☐
150.88	153.92	3.04	DST	2.86	94	K310179	13-043			☐	☐	☐
153.92	156.97	3.05	DST	2.82	92	K310180	13-043			☐	☐	☐
156.97	160.02	3.05	DST	2.91	95	K310181	13-043			☐	☐	☐
160.02	163.07	3.05	DST	2.93	96	K310182	13-043			☐	☐	☐
163.07	166.12	3.05	DST	3.01	99	K310184	13-043			☐	☐	☐
166.12	169.16	3.04	DST	2.91	96	K310185	13-043			☐	☐	☐
169.16	172.21	3.05	DST	2.98	98	K310186	13-043			☐	☐	☐
172.21	175.26	3.05	DST	2.95	97	K310187	13-043			☐	☐	☐
175.26	176.78	1.52	DST	1.51	99	K310188	13-043			☐	☐	☐
176.78	178.31	1.53	MST	1.49	97	K310190	13-043			☐	☐	☐
178.31	181.36	3.05	MST	3.03	99	K310191	13-043			☐	☐	☐
181.36	184.40	3.04	MST	2.85	94	K310192	13-047			☐	☐	☐
184.40	190.50	6.10	MST	5.84	96	N831649	13-C07	Chip		☐	☐	☐
190.50	196.60	6.10	MST	5.81	95	N831650	13-C07	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		630849	7112448	1283.5	246.28

ZONE: Conrad

SECTION: C850E

HOLE: **OS -13-221**

CLAIM: Sten 26

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 8.53m, Out

Drilling Dates: Aug 09 - Aug 13, 2013

Geology Logged By: M. Pultz

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.53	140.02	-79.3	Reflex
246.27	353.32	-80.2	Reflex

TARGET: Hole targeting potential MXN in SLC.

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.83	3.83	OVB
3.83	246.28	242.45	SLC

SAMPLES	
Numbers:	K309679 to K309746, N831651 to N831663
Total:	81
Batch:	048, 049, 050, C07
Certificates:	WH13146955, WH13146956, WH13150630, WH13153666

COMMENTS
Hole shutdown after it passed the target depth.

OS -13-221

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.83	3.83	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
3.83	246.28	242.45	SLC	MG	Siliciclastic unit composed of siltstone to pyritic siltstone, sandstone and quartz pebble conglomerate horizons							
								RB				
						DK	GY	MA	CLY	1I	Re	0.5
						MD	GY	BD	OXI	1I	Py	2

OS -13-221

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.96	3.96	0	0	0.00	0	--	--	--	Casing, no recovery
3.96	5.49	1.53	0.96	63	0.00	0	0R	2H	4W	
5.49	7.01	1.52	1.22	80	0.00	0	0R	2H	4W	
7.01	8.53	1.52	1.46	96	0.32	21	0R	2H	4W	
8.53	10.06	1.53	1.52	99	0.00	0	0R	2H	4W	
10.06	11.58	1.52	1	66	0.29	19	0R	2H	4W	
11.58	13.11	1.53	1.43	93	0.00	0	0R	2H	4W	
13.11	14.63	1.52	1.3	86	0.00	0	0R	2H	4W	
14.63	16.15	1.52	1.38	91	0.15	10	0R	2H	4W	
16.15	17.68	1.53	1.5	98	0.00	0	0R	2H	4W	
17.68	19.20	1.52	1.33	88	0.00	0	0R	3H	3W	
19.20	20.73	1.53	1.2	78	0.00	0	0R	3H	3W	
20.73	22.25	1.52	1.5	99	0.00	0	0R	3H	3W	
22.25	23.77	1.52	1.43	94	0.10	7	0R	4H	3W	
23.77	25.30	1.53	1.37	90	0.00	0	0R	4H	3W	
25.30	26.82	1.52	1.36	89	0.00	0	0R	4H	3W	
26.82	28.35	1.53	1.43	93	0.00	0	0R	4H	2W	
28.35	29.87	1.52	1.14	75	0.00	0	0R	3H	2W	
29.87	31.40	1.53	1.2	78	0.35	23	0R	4H	2W	
31.40	32.92	1.52	1.47	97	0.00	0	0R	4H	2W	
32.92	34.44	1.52	1.51	99	0.00	0	0R	3H	3W	
34.44	35.97	1.53	1.5	98	0.00	0	0R	3H	3W	
35.97	37.50	1.53	1.53	100	0.00	0	0R	3H	3W	
37.50	39.02	1.52	1.36	89	0.28	18	0R	3H	3W	
39.02	40.54	1.52	1.41	93	0.73	48	0R	3H	3W	
40.54	42.06	1.52	1.32	87	0.20	13	0R	4H	2W	
42.06	43.59	1.53	1.5	98	0.00	0	0R	4H	3W	
43.59	45.11	1.52	1	66	0.00	0	0R	4H	3W	
45.11	46.63	1.52	1.12	74	0.00	0	0R	4H	3W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
46.63	48.16	1.53	1.29	84	0.00	0	0R	4H	3W	
48.16	49.68	1.52	0.48	32	0.00	0	0R	4H	3W	
49.68	51.21	1.53	0.34	22	0.00	0	0R	4H	3W	
51.21	52.73	1.52	1.25	82	0.00	0	0R	4H	2W	
52.73	54.25	1.52	1.36	89	0.71	47	0R	4H	2W	
54.25	55.78	1.53	1.27	83	0.10	7	0R	4H	2W	
55.78	57.30	1.52	0.46	30	0.00	0	0R	4H	2W	
57.30	58.83	1.53	1.02	67	0.00	0	0R	4H	2W	
58.83	60.35	1.52	0.82	54	0.00	0	0R	3H	3W	
60.35	61.87	1.52	1.08	71	0.00	0	0R	3H	3W	
61.87	63.40	1.53	0.98	64	0.10	7	0R	3H	3W	
63.40	64.92	1.52	0.99	65	0.31	20	0R	3H	3W	
64.92	66.45	1.53	0.66	43	0.13	8	0R	3H	3W	
66.45	67.97	1.52	0.47	31	0.00	0	0R	4H	3W	
67.97	69.49	1.52	1.26	83	0.16	11	0R	4H	3W	
69.49	71.02	1.53	1.03	67	0.41	27	0R	3H	3W	
71.02	72.54	1.52	1.43	94	0.60	39	0R	3H	3W	
72.54	74.07	1.53	1.26	82	1.16	76	0R	3H	2W	
74.07	75.59	1.52	1.5	99	1.30	86	0R	3H	2W	
75.59	77.11	1.52	1.52	100	1.47	97	0R	3H	2W	
77.11	78.64	1.53	1.53	100	1.24	81	0R	4H	2W	
78.64	80.16	1.52	1.45	95	1.16	76	0R	4H	1W	
80.16	81.69	1.53	1.5	98	0.86	56	0R	4H	1W	
81.69	83.21	1.52	1.25	82	0.82	54	0R	4H	1W	
83.21	84.73	1.52	1.52	100	1.38	91	0R	4H	1W	
84.73	86.26	1.53	1.53	100	1.51	99	0R	4H	1W	
86.26	87.78	1.52	1.52	100	1.14	75	0R	4H	1W	
87.78	89.31	1.53	1.27	83	1.27	83	0R	4H	1W	
89.31	90.83	1.52	1.52	100	1.17	77	0R	4H	1W	
90.83	92.35	1.52	1.52	100	1.25	82	0R	4H	1W	
92.35	93.88	1.53	1.53	100	1.06	69	0R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
93.88	95.40	1.52	1.52	100	1.28	84	0R	4H	1W	
95.40	96.93	1.53	1.49	97	1.19	78	0R	4H	1W	
96.93	98.45	1.52	1.52	100	1.38	91	0R	4H	1W	
98.45	99.97	1.52	1.44	95	0.97	64	0R	4H	1W	
99.97	101.50	1.53	1.4	92	0.28	18	0R	4H	1W	
101.50	103.02	1.52	1.48	97	0.75	49	0R	4H	1W	
103.02	104.55	1.53	1.37	90	1.03	67	0R	4H	1W	
104.55	106.07	1.52	1.3	86	0.93	61	0R	4H	1W	
106.07	107.59	1.52	1.45	95	1.09	72	0R	4H	1W	
107.59	109.12	1.53	1.41	92	0.76	50	0R	4H	1W	
109.12	110.64	1.52	1.48	97	1.02	67	0R	4H	1W	
110.64	112.17	1.53	1.35	88	0.86	56	0R	4H	1W	
112.17	113.69	1.52	1.48	97	1.20	79	0R	4H	1W	
113.69	115.21	1.52	1.43	94	1.04	68	0R	4H	1W	
115.21	116.74	1.53	1.42	93	1.14	75	0R	4H	1W	
116.74	118.26	1.52	1.39	91	0.80	53	0R	4H	1W	
118.26	119.79	1.53	1.49	97	0.50	33	0R	4H	1W	
119.79	121.31	1.52	1.43	94	0.94	62	0R	4H	1W	
121.31	122.83	1.52	1.49	98	1.28	84	0R	4H	1W	
122.83	124.36	1.53	1.39	91	0.98	64	0R	4H	1W	
124.36	125.88	1.52	1.5	99	1.13	74	0R	4H	1W	
125.88	127.41	1.53	1.44	94	1.35	88	0R	4H	1W	
127.41	128.93	1.52	1.51	99	0.92	61	0R	4H	1W	
128.93	130.45	1.52	1.36	89	0.59	39	0R	4H	1W	
130.45	131.98	1.53	1.42	93	0.71	46	0R	4H	1W	
131.98	133.50	1.52	1.52	100	1.17	77	0R	4H	1W	
133.50	135.03	1.53	1.53	100	1.32	86	0R	4H	1W	
135.03	136.55	1.52	1.43	94	1.36	89	0R	4H	1W	
136.55	138.07	1.52	1.52	100	1.34	88	0R	4H	1W	
138.07	139.60	1.53	1.5	98	0.96	63	0R	4H	1W	
139.60	141.12	1.52	1.52	100	1.34	88	0R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
141.12	142.65	1.53	1.47	96	1.21	79	0R	4H	1W	
142.65	144.17	1.52	1.45	95	0.90	59	0R	4H	1W	
144.17	145.69	1.52	1.52	100	1.09	72	0R	4H	1W	
145.69	147.22	1.53	1.44	94	1.23	80	0R	4H	1W	
147.22	148.74	1.52	1.5	99	1.29	85	0R	4H	1W	
148.74	150.27	1.53	1.53	100	1.36	89	0R	4H	1W	
150.27	151.79	1.52	1.52	100	0.66	43	0R	4H	1W	
151.79	153.31	1.52	1.5	99	1.30	86	0R	4H	1W	
153.31	154.84	1.53	1.47	96	0.81	53	0R	4H	1W	
154.84	156.36	1.52	1.52	100	1.31	86	0R	4H	1W	
156.36	157.89	1.53	1.53	100	1.36	89	0R	4H	1W	
157.89	159.41	1.52	1.38	91	1.12	74	0R	4H	1W	
159.41	160.93	1.52	1.52	100	1.06	70	0R	4H	1W	
160.93	162.46	1.53	1.53	100	0.77	50	0R	4H	1W	
162.46	163.98	1.52	1.5	99	1.08	71	--	4H	1W	
163.98	165.51	1.53	1.4	92	1.25	82	0R	4H	1W	
165.51	167.03	1.52	1.46	96	1.22	80	0R	4H	1W	
167.03	168.55	1.52	1.42	93	1.18	78	0R	4H	1W	
168.55	170.08	1.53	1.53	100	0.94	61	0R	4H	1W	
170.08	171.60	1.52	1.52	100	1.52	100	0R	4H	1W	
171.60	173.13	1.53	1.5	98	1.27	83	0R	4H	1W	
173.13	174.65	1.52	1.34	88	1.13	74	0R	4H	1W	
174.65	176.17	1.52	1.52	100	1.20	79	0R	4H	1W	
176.17	177.70	1.53	1.5	98	0.22	14	0R	4H	1W	
177.70	179.22	1.52	1.52	100	0.82	54	0R	4H	1W	
179.22	180.75	1.53	1.31	86	0.79	52	0R	4H	1W	
180.75	182.27	1.52	1.52	100	1.34	88	0R	4H	1W	
182.27	183.79	1.52	1.52	100	1.43	94	0R	4H	1W	
183.79	185.32	1.53	1.52	99	1.20	78	0R	4H	1W	
185.32	186.84	1.52	1.4	92	1.40	92	0R	4H	1W	
186.84	188.37	1.53	1.08	71	0.34	22	0R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
188.37	189.89	1.52	1.52	100	1.19	78	0R	4H	1W	
189.89	191.41	1.52	1.47	97	1.39	91	0R	4H	1W	
191.41	192.94	1.53	1.45	95	1.29	84	0R	4H	1W	
192.94	194.46	1.52	1.52	100	0.82	54	0R	4H	1W	
194.46	195.99	1.53	1.49	97	0.94	61	0R	4H	1W	
195.99	197.51	1.52	1.52	100	1.48	97	0R	4H	1W	
197.51	199.03	1.52	1.52	100	1.21	80	0R	4H	1W	
199.03	200.56	1.53	1.53	100	1.31	86	0R	4H	1W	
200.56	202.08	1.52	1.5	99	1.36	89	0R	4H	1W	
202.08	203.61	1.53	1.53	100	1.53	100	0R	4H	1W	
203.61	205.13	1.52	1.35	89	0.92	61	0R	4H	1W	
205.13	206.65	1.52	1.52	100	1.24	82	0R	4H	1W	
206.65	208.18	1.53	1.5	98	1.50	98	0R	4H	1W	
208.18	209.70	1.52	1.52	100	1.25	82	0R	4H	1W	
209.70	211.23	1.53	1.5	98	1.50	98	0R	4H	1W	
211.23	212.75	1.52	1.52	100	1.39	91	0R	3H	1W	
212.75	214.27	1.52	1.47	97	1.47	97	0R	3H	1W	
214.27	215.80	1.53	1.5	98	0.75	49	0R	3H	1W	
215.80	217.32	1.52	1.43	94	1.36	89	0R	4H	1W	
217.32	218.85	1.53	1.53	100	1.11	73	0R	4H	1W	
218.85	220.37	1.52	1.43	94	0.39	26	0R	4H	1W	
220.37	221.89	1.52	1.48	97	1.08	71	0R	4H	1W	
221.89	223.42	1.53	1.53	100	1.34	88	0R	3H	1W	
223.42	224.94	1.52	1.39	91	1.11	73	0R	4H	1W	
224.94	226.47	1.53	1.39	91	1.05	69	0R	4H	1W	
226.47	227.99	1.52	1.52	100	0.81	53	0R	4H	1W	
227.99	229.51	1.52	1.52	100	1.46	96	0R	4H	1W	
229.51	231.04	1.53	1.53	100	1.40	92	0R	1H	1W	
231.04	232.56	1.52	1.23	81	1.03	68	0R	4H	1W	
232.56	234.09	1.53	1.53	100	1.29	84	0R	4H	1W	
234.09	235.61	1.52	1.49	98	1.49	98	0R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
235.61	237.13	1.52	1.46	96	1.17	77	0R	4H	1W	
237.13	238.66	1.53	1.35	88	1.07	70	0R	4H	1W	
238.66	240.18	1.52	1.52	100	1.47	97	0R	4H	1W	
240.18	241.71	1.53	1.5	98	1.39	91	0R	4H	1W	
241.71	243.23	1.52	1.52	100	1.47	97	0R	4H	1W	
243.23	244.75	1.52	1.32	87	1.25	82	0R	4H	1W	
244.75	246.28	1.53	1.49	97	1.30	85	0R	4H	1W	EOH

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K309685	13-048			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309701	13-049		CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309707	13-049			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309717	13-049		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309721	13-049			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309731	13-050		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309739	13-050			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309682	13-048		CS1	☐	☐	☐
3.83	5.49	1.66	SLC, OVB	0.96	58	K309679	13-048			☐	☐	☐
5.49	8.53	3.04	SLC	2.68	88	K309680	13-048			☐	☐	☐
8.53	11.58	3.05	SLC	2.52	83	K309681	13-048			☐	☐	☐
11.58	14.63	3.05	SLC	2.73	90	K309683	13-048			☐	☐	☐
14.63	17.68	3.05	SLC	2.88	94	K309684	13-048			☐	☐	☐
17.68	20.73	3.05	SLC	2.53	83	K309686	13-048			☐	☐	☐
20.73	23.77	3.04	SLC	2.93	96	K309687	13-049			☐	☐	☐
23.77	26.82	3.05	SLC	2.73	90	K309688	13-049			☐	☐	☐
26.82	29.87	3.05	SLC	2.57	84	K309689	13-049			☐	☐	☐
29.87	32.92	3.05	SLC	2.67	88	K309690	13-049			☐	☐	☐
32.92	35.97	3.05	SLC	3.01	99	K309691	13-049			☐	☐	☐
35.97	39.01	3.04	SLC	2.89	95	K309692	13-049			☐	☐	☐
39.01	42.06	3.05	SLC	2.73	90	K309693	13-049			☐	☐	☐
42.06	45.11	3.05	SLC	2.50	82	K309694	13-049			☐	☐	☐
45.11	48.16	3.05	SLC	2.41	79	K309695	13-049			☐	☐	☐
48.16	51.21	3.05	SLC	0.82	27	K309696	13-049			☐	☐	☐
48.16	51.21	3.05	SLC	0.82	27	K309697	13-049			☐	☐	☑
51.21	54.25	3.04	SLC	2.59	85	K309698	13-049			☐	☐	☐
54.25	57.30	3.05	SLC	1.73	57	K309699	13-049			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
57.30	60.35	3.05	SLC	1.84	60	K309700	13-049			☐	☐	☐
60.35	63.40	3.05	SLC	2.06	68	K309702	13-049			☐	☐	☐
63.40	66.45	3.05	SLC	1.65	54	K309703	13-049			☐	☐	☐
66.45	69.49	3.04	SLC	1.73	57	K309704	13-049			☐	☐	☐
69.49	72.54	3.05	SLC	2.46	81	K309705	13-049			☐	☐	☐
72.54	75.59	3.05	SLC	2.76	90	K309706	13-049			☐	☐	☐
75.59	78.64	3.05	SLC	3.05	100	K309708	13-049			☐	☐	☐
78.64	81.69	3.05	SLC	3.05	100	K309709	13-049			☐	☐	☐
81.69	84.73	3.04	SLC	3.04	100	K309710	13-049			☐	☐	☐
81.69	84.73	3.04	SLC	3.04	100	K309711	13-049			☐	☑	☐
84.73	87.78	3.05	SLC	3.04	100	K309712	13-049			☐	☐	☐
87.78	90.83	3.05	SLC	2.79	91	K309713	13-049			☐	☐	☐
90.83	93.88	3.05	SLC	3.05	100	K309714	13-049			☐	☐	☐
93.88	96.93	3.05	SLC	3.01	99	K309715	13-049			☐	☐	☐
96.93	99.97	3.04	SLC	2.96	97	K309716	13-049			☐	☐	☐
99.97	103.02	3.05	SLC	2.88	94	K309718	13-049			☐	☐	☐
103.02	106.07	3.05	SLC	2.67	88	K309719	13-049			☐	☐	☐
106.07	109.12	3.05	SLC	2.86	94	K309720	13-049			☐	☐	☐
109.12	112.17	3.05	SLC	2.83	93	K309722	13-049			☐	☐	☐
112.17	115.21	3.04	SLC	2.91	96	K309723	13-050			☐	☐	☐
115.21	118.26	3.05	SLC	2.81	92	K309724	13-050			☐	☐	☐
118.26	121.31	3.05	SLC	2.92	96	K309725	13-050			☐	☐	☐
121.31	124.36	3.05	SLC	2.88	94	K309726	13-050			☐	☐	☐
124.36	127.41	3.05	SLC	2.94	96	K309727	13-050			☐	☐	☐
127.41	130.45	3.04	SLC	2.87	94	K309728	13-050			☐	☐	☐
127.41	130.45	3.04	SLC	2.87	94	K309729	13-050			☐	☑	☐
130.45	136.55	6.10	SLC	5.90	97	N831651	13-C07	Chip		☐	☐	☐
136.55	142.65	6.10	SLC	6.01	99	N831652	13-C07	Chip		☐	☐	☐
142.65	148.74	6.09	SLC	5.91	97	N831653	13-C07	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
148.74	154.84	6.10	SLC	6.02	99	N831654	13-C07	Chip		☐	☐	☐
154.84	160.93	6.09	SLC	5.95	98	N831655	13-C07	Chip		☐	☐	☐
160.93	167.03	6.10	SLC	5.89	97	N831656	13-C07	Chip		☐	☐	☐
167.03	173.13	6.10	SLC	5.97	98	N831657	13-C07	Chip		☐	☐	☐
173.13	179.22	6.09	SLC	5.88	97	N831658	13-C07	Chip		☐	☐	☐
179.22	185.32	6.10	SLC	5.87	96	N831659	13-C07	Chip		☐	☐	☐
185.32	191.41	6.09	SLC	5.47	90	N831660	13-C07	Chip		☐	☐	☐
191.41	197.51	6.10	SLC	5.93	97	N831661	13-C07	Chip		☐	☐	☐
197.51	203.61	6.10	SLC	6.08	100	N831662	13-C07	Chip		☐	☐	☐
203.61	206.65	3.04	SLC	3.04	100	N831663	13-C07	Chip		☐	☐	☐
206.65	208.18	1.53	SLC	1.50	98	K309730	13-050			☐	☐	☐
208.18	209.70	1.52	SLC	1.52	100	K309732	13-050			☐	☐	☐
209.70	212.75	3.05	SLC	3.02	99	K309733	13-050			☐	☐	☐
212.75	215.80	3.05	SLC	2.97	97	K309734	13-050			☐	☐	☐
215.80	218.85	3.05	SLC	2.96	97	K309735	13-050			☐	☐	☐
218.85	221.90	3.05	SLC	2.91	95	K309736	13-050			☐	☐	☐
221.90	224.95	3.05	SLC	2.92	96	K309737	13-050			☐	☐	☐
224.95	227.99	3.04	SLC	2.91	96	K309738	13-050			☐	☐	☐
227.99	231.04	3.05	SLC	3.05	100	K309740	13-050			☐	☐	☐
231.04	234.09	3.05	SLC	2.76	90	K309741	13-050			☐	☐	☐
231.04	234.09	3.05	SLC	2.76	90	K309742	13-050			☐	☐	☑
234.09	237.13	3.04	SLC	2.95	97	K309743	13-050			☐	☐	☐
237.13	240.18	3.05	SLC	2.87	94	K309744	13-050			☐	☐	☐
240.18	243.23	3.05	SLC	3.05	100	K309745	13-050			☐	☐	☐
243.23	246.28	3.05	SLC	3.05	100	K309746	13-050			☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		630407	7112553	1466.77	371.25

ZONE: Conrad

SECTION: C400E

HOLE: OS -13-222

CLAIM: Sten 24

Contractor: Superior

Drill: 7

Core Size: HQ-NQ

Casing Depth: 15.54m, Out

Drilling Dates: Aug 13 - Sep 19, 2013

Geology Logged By: M. Pultz

SURVEY

Depth (m)	Azimuth	Dip	Method
8.53	184.82	-87	Reflex
371.24	183.52	-84.4	Reflex

TARGET: Hole targeting potential MXN in SLC and at contact wit

SUMMARY

From (m)	To (m)	Interval (m)	Rock Type
0	3.96	3.96	OVB
3.96	57.3	53.34	MST
57.3	109.12	51.82	SLT
109.12	117.01	7.89	LST
117.01	151.96	34.95	SLC
151.96	155.3	3.34	LST
155.3	161.11	5.81	INT
161.11	173.46	12.35	LST
173.46	177.87	4.41	INT
177.87	371.25	193.38	LST

SAMPLES

Numbers:	K309747 to K309857, N831664 to N831680
Total:	128
Batch:	050, 051, 052, 053, C07
Certificates:	WH13150630, WH13152701, WH13153549, WH13153662, WH13153666

COMMENTS

Hole shut down after passing the target depth.

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From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.96	3.96	OVB	--	Casing, no recovery							
						--	--	---	---	--	--	0
3.96	57.30	53.34	MST	FG	Extensively sheared mudstone situated in large fault zone							
						MD	BN	RB	OXI	5I	--	0
57.30	109.12	51.82	SLT	FG	Extensively sheared pyritic siltstone situated in large fault zone							
						MD	GY	SN	OXI	1I	Py	5
109.12	117.01	7.89	LST	FG	Sheared, bleached limestone within Nadaleen fault							
						MD	GY	SN	BLE	3I	--	0
117.01	151.96	34.95	SLC	MG	Sheared C-SLC. Part of Nadaleen fault zone							
						MD	GY	SN	---	--	--	0
151.96	155.30	3.34	LST	FG	Sheared limestone due to proximity to Nadaleen fault, but not included in "Nadaleen fault zone"							
						MD	GY	SN	---	--	--	0
155.30	161.11	5.81	INT	CG	Mafic dyke							
								PO				
								BX				
						LT	GY	CR	---	--	Py	3
161.11	173.46	12.35	LST	FG	Sheared limestone.							
						MD	GY	SN	---	--	--	0
173.46	177.87	4.41	INT	CG	Mafic dyke							
						LT	GY	CR	---	--	Py	4
177.87	371.25	193.38	LST	FG	Massively bedded Conrad limestone							
						MD	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.83	1.83	0	0	0.00	0	--	--	--	Caseing no recovery
1.83	2.44	0.61	0.19	31	0.00	0	0R	3H	4W	1s because rubbly
2.44	3.96	1.52	0.29	19	0.00	0	0R	3H	4W	
3.96	5.49	1.53	0.58	38	0.35	23	0R	3H	4W	
5.49	7.01	1.52	0.17	11	0.00	0	0R	3H	4W	
7.01	8.53	1.52	0.27	18	0.00	0	0R	1H	4W	
8.53	10.06	1.53	0.3	20	0.00	0	0R	1H	4W	
10.06	11.58	1.52	0.24	16	0.00	0	0R	1H	4W	
11.58	13.11	1.53	0.48	31	0.00	0	4R	1H	4W	
13.11	14.63	1.52	0.47	31	0.00	0	4R	1H	4W	
14.63	16.15	1.52	0.34	22	0.00	0	0R	1H	4W	
16.15	17.68	1.53	0.94	61	0.00	0	0R	1H	4W	
17.68	19.20	1.52	0.77	51	0.00	0	0R	1H	4W	
19.20	20.73	1.53	0.97	63	0.00	0	0R	1H	4W	
20.73	22.25	1.52	0.97	64	0.00	0	0R	1H	4W	
22.25	23.77	1.52	1.52	100	0.33	22	2R	1H	4W	
23.77	25.30	1.53	1.45	95	0.00	0	3R	1H	4W	
25.30	26.82	1.52	1.16	76	0.69	45	3R	3H	3W	
26.82	28.35	1.53	1.13	74	0.78	51	0R	3H	3W	
28.35	29.87	1.52	1.43	94	1.32	87	0R	3H	2W	
29.87	31.39	1.52	1.47	97	1.19	78	0R	3H	2W	
31.39	32.92	1.53	1.46	95	1.08	71	0R	3H	2W	
32.92	39.01	6.09	2.04	33	1.44	24	0R	3H	2W	
39.01	40.54	1.53	1.53	100	1.53	100	0R	3H	2W	
40.54	42.06	1.52	1.42	93	1.42	93	0R	3H	2W	
42.06	43.59	1.53	0.96	63	0.90	59	0R	3H	2W	
43.59	45.11	1.52	1.14	75	0.38	25	0R	3H	2W	
45.11	46.63	1.52	1.38	91	0.89	59	0R	3H	2W	
46.63	48.16	1.53	1.31	86	1.18	77	0R	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
48.16	49.68	1.52	1.52	100	1.01	66	0R	3H	2W	
49.68	51.21	1.53	1.53	100	1.37	90	0R	3H	2W	
51.21	52.73	1.52	1.52	100	1.52	100	0R	3H	2W	
52.73	54.25	1.52	1.52	100	1.38	91	0R	3H	2W	
54.25	55.78	1.53	1.51	99	1.34	88	0R	3H	2W	
55.78	57.30	1.52	1.52	100	0.91	60	0R	3H	2W	
57.30	58.83	1.53	1.41	92	1.04	68	0R	3H	2W	
58.83	60.35	1.52	1.45	95	1.33	88	0R	3H	2W	
60.35	61.87	1.52	1.48	97	1.08	71	0R	3H	1W	
61.87	63.40	1.53	1.31	86	1.31	86	0R	3H	1W	
63.40	64.92	1.52	1.52	100	1.49	98	0R	3H	1W	
64.92	66.45	1.53	1.53	100	1.36	89	0R	3H	1W	
66.45	67.97	1.52	1.52	100	1.52	100	0R	3H	1W	
67.97	69.49	1.52	1.48	97	1.48	97	0R	3H	1W	
69.49	71.02	1.53	1.53	100	1.52	99	0R	3H	1W	
71.02	72.54	1.52	1.45	95	1.43	94	0R	3H	1W	
72.54	74.07	1.53	1.53	100	1.53	100	0R	3H	2W	
74.07	75.59	1.52	1.48	97	1.48	97	0R	3H	1W	
75.59	77.11	1.52	1.52	100	1.52	100	0R	3H	1W	
77.11	78.64	1.53	1.53	100	1.46	95	0R	3H	1W	
78.64	80.16	1.52	1.37	90	1.30	86	0R	3H	1W	
80.16	81.69	1.53	1.48	97	1.28	84	0R	3H	1W	
81.69	83.21	1.52	1.5	99	1.50	99	0R	4H	1W	
83.21	84.73	1.52	1.52	100	1.52	100	0R	4H	1W	
84.73	86.26	1.53	1.53	100	1.53	100	0R	4H	1W	
86.26	87.78	1.52	1.52	100	1.52	100	0R	3H	1W	
87.78	89.31	1.53	1.48	97	1.48	97	0R	3H	1W	
89.31	90.83	1.52	1.52	100	1.52	100	0R	3H	1W	
90.83	92.35	1.52	1.5	99	1.50	99	0R	3H	1W	
92.35	93.88	1.53	1.19	78	1.19	78	0R	3H	1W	
93.88	95.40	1.52	1.52	100	1.52	100	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
95.40	96.93	1.53	1.53	100	1.29	84	0R	3H	1W	
96.93	98.45	1.52	1.52	100	1.52	100	0R	3H	1W	
98.45	99.97	1.52	1.52	100	1.52	100	0R	3H	1W	
99.97	101.50	1.53	1.53	100	1.31	86	0R	3H	1W	
101.50	103.02	1.52	1.52	100	1.52	100	0R	3H	1W	
103.02	104.55	1.53	1.18	77	1.08	71	0R	3H	1W	
104.55	106.07	1.52	1.52	100	1.52	100	0R	3H	1W	
106.07	107.59	1.52	1.38	91	1.38	91	0R	3H	1W	
107.59	109.12	1.53	1.53	100	1.53	100	0R	3H	1W	
109.12	110.64	1.52	1.52	100	1.52	100	0R	3H	1W	
110.64	112.17	1.53	1.51	99	1.18	77	3R	4H	1W	
112.17	113.69	1.52	1.52	100	1.26	83	3R	4H	1W	
113.69	115.21	1.52	1.5	99	1.22	80	3R	4H	1W	
115.21	116.74	1.53	1.52	99	1.12	73	1R	4H	2W	
116.74	118.26	1.52	1.45	95	0.41	27	1R	2H	2W	
118.26	119.79	1.53	1.41	92	0.43	28	1R	2H	2W	
119.79	121.31	1.52	1.5	99	0.79	52	1R	2H	2W	
121.31	122.83	1.52	1.49	98	0.69	45	1R	2H	2W	
122.83	124.36	1.53	1.48	97	0.51	33	1R	2H	2W	
124.36	125.88	1.52	1.39	91	0.59	39	1R	2H	2W	
125.88	127.41	1.53	1.47	96	0.58	38	1R	2H	2W	
127.41	128.93	1.52	1.45	95	1.10	72	1R	2H	2W	
128.93	130.45	1.52	1.08	71	0.38	25	1R	2H	2W	
130.45	131.98	1.53	1.53	100	1.00	65	1R	3H	2W	
131.98	133.50	1.52	1.37	90	0.50	33	1R	3H	2W	
133.50	135.03	1.53	1.5	98	1.19	78	1R	2H	2W	
135.03	136.55	1.52	1.41	93	1.05	69	3R	3H	1W	
136.55	138.07	1.52	1.52	100	0.79	52	3R	3H	1W	
138.07	139.60	1.53	1.45	95	1.00	65	3R	3H	1W	
139.60	141.12	1.52	1.52	100	1.01	66	1R	3H	1W	
141.12	142.65	1.53	1.5	98	0.00	0	3R	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
142.65	144.17	1.52	1.5	99	1.08	71	1R	3H	1W	
144.17	145.69	1.52	1.41	93	0.82	54	1R	2H	2W	
145.69	147.22	1.53	1.25	82	0.49	32	1R	2H	2W	
147.22	148.74	1.52	1.5	99	0.84	55	1R	3H	1W	
148.74	150.27	1.53	1.27	83	0.44	29	2R	3H	1W	
150.27	151.79	1.52	1.52	100	1.09	72	3R	3H	1W	
151.79	153.31	1.52	1.4	92	0.47	31	3R	4H	2W	
153.31	154.84	1.53	1.52	99	0.47	31	3R	4H	2W	
154.84	156.36	1.52	1.42	93	0.89	59	1R	4H	1W	
156.36	157.89	1.53	1.44	94	0.96	63	1R	4H	1W	
157.89	159.41	1.52	1.46	96	1.12	74	1R	4H	1W	
159.41	160.93	1.52	1.49	98	0.60	39	1R	4H	1W	
160.93	162.46	1.53	1.34	88	1.45	95	3R	4H	2W	
162.46	163.98	1.52	1.52	100	0.69	45	4R	4H	2W	
163.98	165.51	1.53	1.4	92	0.71	46	4R	4H	2W	
165.51	167.03	1.52	1.48	97	0.86	57	4R	4H	2W	
167.03	168.55	1.52	1.4	92	0.67	44	4R	4H	2W	
168.55	170.08	1.53	1.52	99	0.55	36	4R	4H	1W	
170.08	171.60	1.52	1.31	86	1.00	66	4R	4H	1W	
171.60	173.13	1.53	1.5	98	1.00	65	4R	4H	1W	
173.13	174.65	1.52	1.45	95	1.03	68	4R	4H	1W	
174.65	176.17	1.52	1.46	96	0.88	58	1R	4H	1W	
176.17	177.70	1.53	1.43	93	0.62	41	1R	4H	1W	
177.70	179.22	1.52	1.5	99	1.24	82	4R	4H	1W	
179.22	180.75	1.53	1.44	94	1.09	71	4R	4H	1W	
180.75	182.27	1.52	1.5	99	1.00	66	4R	4H	1W	
182.27	183.79	1.52	1.49	98	1.01	66	4R	4H	1W	
183.79	185.32	1.53	1.52	99	1.17	76	1R	3H	1W	
185.32	186.84	1.52	1.32	87	0.67	44	3R	3H	1W	
186.84	188.37	1.53	1.52	99	0.40	26	3R	3H	2W	
188.37	189.89	1.52	1.27	84	0.79	52	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
189.89	191.41	1.52	1.49	98	0.58	38	4R	4H	1W	
191.41	192.02	0.61	0.6	98	0.52	85	4R	4H	1W	
192.02	194.46	2.44	2.06	84	1.08	44	4R	3H	1W	
194.46	197.51	3.05	3	98	2.07	68	3R	3H	1W	
197.51	200.56	3.05	2.87	94	1.73	57	4R	4H	1W	
200.56	203.61	3.05	2.89	95	2.32	76	4R	3H	1W	
203.61	206.65	3.04	3.04	100	2.47	81	4R	4H	1W	
206.65	209.70	3.05	2.96	97	2.29	75	4R	4H	1W	
209.70	212.75	3.05	2.83	93	2.01	66	4R	4H	1W	
212.75	215.80	3.05	2.96	97	2.77	91	4R	4H	1W	
215.80	218.85	3.05	3.03	99	2.68	88	4R	4H	1W	
218.85	221.89	3.04	3.04	100	2.88	95	4R	4H	1W	
221.89	224.94	3.05	2.9	95	2.76	90	4R	4H	1W	
224.94	227.99	3.05	2.97	97	2.81	92	4R	4H	1W	
227.99	231.04	3.05	3.05	100	2.45	80	4R	4H	1W	
231.04	234.09	3.05	3	98	2.44	80	4R	4H	1W	
234.09	237.13	3.04	2.86	94	1.91	63	4R	3H	1W	
237.13	240.18	3.05	2.87	94	1.93	63	4R	4H	1W	
240.18	243.23	3.05	2.9	95	1.88	62	4R	4H	1W	
243.23	246.28	3.05	2.97	97	2.23	73	4R	3H	1W	
246.28	249.33	3.05	3.03	99	1.80	59	4R	4H	1W	
249.33	252.37	3.04	3.04	100	2.18	72	4R	4H	1W	
252.37	255.42	3.05	2.89	95	2.56	84	4R	4H	1W	
255.42	258.47	3.05	2.7	89	1.98	65	4R	4H	1W	
258.47	261.52	3.05	3.01	99	2.33	76	4R	4H	1W	
261.52	264.57	3.05	3.05	100	2.40	79	4R	4H	1W	
264.57	267.61	3.04	2.86	94	2.49	82	4R	4H	1W	
267.61	270.66	3.05	2.65	87	2.15	70	4R	3H	1W	
270.66	273.71	3.05	3.05	100	1.92	63	4R	3H	1W	
273.71	276.76	3.05	2.72	89	2.13	70	4R	3H	1W	
276.76	279.81	3.05	3	98	2.57	84	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
279.81	282.85	3.04	2.91	96	2.49	82	4R	4H	1W	
282.85	285.90	3.05	3.05	100	2.89	95	4R	4H	1W	
285.90	288.95	3.05	3.05	100	2.24	73	4R	4H	1W	
288.95	292.00	3.05	3.05	100	1.87	61	4R	4H	1W	
292.00	295.05	3.05	3.05	100	1.82	60	4R	4H	1W	
295.05	298.09	3.04	3.04	100	1.84	61	3R	3H	1W	
298.09	301.14	3.05	3.05	100	0.89	29	3R	3H	1W	
301.14	304.19	3.05	3.05	100	0.16	5	3R	4H	1W	
304.19	307.24	3.05	2.77	91	0.26	9	3R	4H	1W	
307.24	310.29	3.05	3.05	100	0.94	31	3R	4H	1W	
310.29	313.33	3.04	2.73	90	0.73	24	3R	4H	1W	
313.33	316.38	3.05	3.05	100	1.31	43	3R	4H	1W	
316.38	319.43	3.05	3.05	100	1.92	63	4R	4H	1W	
319.43	322.48	3.05	3.05	100	1.50	49	4R	4H	1W	
322.48	325.53	3.05	3.05	100	2.23	73	4R	4H	1W	
325.53	328.57	3.04	3.04	100	2.11	69	4R	4H	1W	
328.57	331.62	3.05	3.05	100	1.07	35	4R	4H	1W	
331.62	334.67	3.05	3.05	100	2.21	72	4R	4H	1W	
334.67	337.72	3.05	3.05	100	1.52	50	3R	4H	1W	
337.72	340.77	3.05	3.05	100	2.20	72	3R	4H	1W	
340.77	343.81	3.04	3.04	100	2.15	71	4R	4H	1W	
343.81	346.86	3.05	3.05	100	1.48	49	4R	4H	1W	
346.86	349.91	3.05	2.84	93	1.74	57	4R	4H	1W	
349.91	352.96	3.05	3.05	100	1.42	47	4R	4H	1W	
352.96	356.00	3.04	2.98	98	1.64	54	4R	4H	1W	
356.00	359.05	3.05	3.05	100	3.00	98	4R	4H	1W	
359.05	362.10	3.05	3	98	2.35	77	4R	4H	1W	
362.10	365.15	3.05	3.02	99	2.32	76	4R	4H	1W	
365.15	368.20	3.05	3.02	99	2.20	72	4R	4H	1W	
368.20	371.25	3.05	3.05	100	1.57	51	4R	4H	1W	

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Nadaleen
Conrad Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K309820	13-052			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309847	13-053		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309835	13-053			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309752	13-050		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309825	13-052		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309804	13-052		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309792	13-051			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309789	13-051		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309767	13-051			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309761	13-051		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309756	13-050			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309828	13-052			☑	☐	☐
3.96	7.01	3.05	OVB, MST	0.75	25	K309747	13-050			☐	☐	☐
7.01	10.06	3.05	MST	0.57	19	K309748	13-050			☐	☐	☐
10.06	13.11	3.05	MST	0.72	24	K309749	13-050			☐	☐	☐
13.11	16.15	3.04	MST	0.81	27	K309750	13-050			☐	☐	☐
16.15	19.20	3.05	MST	1.71	56	K309751	13-050			☐	☐	☐
19.20	22.25	3.05	MST	1.94	64	K309753	13-050			☐	☐	☐
22.25	25.30	3.05	MST	2.97	97	K309754	13-050			☐	☐	☐
25.30	28.35	3.05	MST	2.29	75	K309755	13-050			☐	☐	☐
28.35	31.39	3.04	MST	2.90	95	K309757	13-050			☐	☐	☐
31.39	32.92	1.53	MST	1.46	95	K309758	13-050			☐	☐	☐
32.92	39.01	6.09	MST	5.95	98	N831664	13-C07	Chip		☐	☐	☐
39.01	45.11	6.10	MST	5.05	83	N831665	13-C07	Chip		☐	☐	☐
45.11	51.21	6.10	MST	5.74	94	N831666	13-C07	Chip		☐	☐	☐
51.21	57.30	6.09	MST	6.07	100	N831667	13-C07	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
57.30	63.40	6.10	SLT, MST	5.65	93	N831668	13-C07	Chip		☐	☐	☐
63.40	69.49	6.09	SLT	6.05	99	N831669	13-C07	Chip		☐	☐	☐
69.49	75.59	6.10	SLT	5.99	98	N831670	13-C07	Chip		☐	☐	☐
75.59	81.69	6.10	SLT	5.90	97	N831671	13-C07	Chip		☐	☐	☐
81.69	87.78	6.09	SLT	6.07	100	N831672	13-C07	Chip		☐	☐	☐
87.78	93.88	6.10	SLT	5.69	93	N831673	13-C07	Chip		☐	☐	☐
93.88	99.97	6.09	SLT	6.09	100	N831674	13-C07	Chip		☐	☐	☐
99.97	103.02	3.05	SLT	3.05	100	K309759	13-051			☐	☐	☐
103.02	106.07	3.05	SLT	2.70	89	K309760	13-051			☐	☐	☐
106.07	109.12	3.05	SLT	2.92	96	K309762	13-051			☐	☐	☐
109.12	115.21	6.09	SLT, LST	6.05	99	N831675	13-C07	Chip		☐	☐	☐
115.21	121.31	6.10	LST	5.88	96	N831676	13-C07	Chip		☐	☐	☐
121.31	127.41	6.10	SLC	5.83	96	N831677	13-C07	Chip		☐	☐	☐
127.41	133.50	6.09	SLC	5.43	89	N831678	13-C07	Chip		☐	☐	☐
133.50	139.60	6.10	SLC	5.88	96	N831679	13-C07	Chip		☐	☐	☐
139.60	145.69	6.09	SLC	5.93	97	N831680	13-C07	Chip		☐	☐	☐
145.69	148.74	3.05	SLC	2.75	90	K309763	13-051			☐	☐	☐
148.74	150.27	1.53	SLC	1.27	83	K309764	13-051			☐	☐	☐
150.27	151.96	1.69	SLC	1.69	100	K309765	13-051			☐	☐	☐
151.96	153.31	1.35	SLC, LST	1.29	96	K309766	13-051			☐	☐	☐
153.31	155.30	1.99	LST	1.92	96	K309768	13-051			☐	☐	☐
155.30	157.89	2.59	INT, LST	2.59	100	K309769	13-051			☐	☐	☐
157.89	159.41	1.52	INT	1.46	96	K309770	13-051			☐	☐	☐
159.41	161.11	1.70	INT	1.68	99	K309771	13-051			☐	☐	☐
161.11	163.98	2.87	LST, INT	2.87	100	K309772	13-051			☐	☐	☐
163.98	167.03	3.05	LST	2.88	94	K309773	13-051			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
163.98	167.03	3.05	LST	2.88	94	K309774	13-051			☐	☑	☐
167.03	170.08	3.05	LST	2.92	96	K309775	13-051			☐	☐	☐
170.08	171.60	1.52	LST	1.31	86	K309776	13-051			☐	☐	☐
171.60	173.46	1.86	LST	1.86	100	K309777	13-051			☐	☐	☐
173.46	176.17	2.71	LST, INT	2.71	100	K309778	13-051			☐	☐	☐
176.17	177.87	1.70	INT	1.68	99	K309779	13-051			☐	☐	☐
177.87	180.75	2.88	LST, INT	2.84	99	K309780	13-051			☐	☐	☐
180.75	183.79	3.04	LST	2.99	98	K309781	13-051			☐	☐	☐
180.75	183.79	3.04	LST	2.99	98	K309782	13-051			☐	☐	☑
183.79	186.84	3.05	LST	2.84	93	K309783	13-051			☐	☐	☐
186.84	189.89	3.05	LST	2.96	97	K309784	13-051			☐	☐	☐
189.89	192.02	2.13	LST	2.09	98	K309785	13-051			☐	☐	☐
192.02	194.46	2.44	LST	2.06	84	K309786	13-051			☐	☐	☐
194.46	197.51	3.05	LST	3.00	98	K309787	13-051			☐	☐	☐
197.51	200.56	3.05	LST	2.87	94	K309788	13-051			☐	☐	☐
200.56	203.61	3.05	LST	2.89	95	K309790	13-051			☐	☐	☐
203.61	206.65	3.04	LST	3.04	100	K309791	13-051			☐	☐	☐
206.65	209.70	3.05	LST	2.96	97	K309793	13-051			☐	☐	☐
209.70	212.75	3.05	LST	2.83	93	K309794	13-051			☐	☐	☐
212.75	215.80	3.05	LST	2.96	97	K309795	13-052			☐	☐	☐
215.80	218.85	3.05	LST	3.03	99	K309796	13-052			☐	☐	☐
218.85	221.89	3.04	LST	3.04	100	K309797	13-052			☐	☐	☐
221.89	224.94	3.05	LST	2.90	95	K309798	13-052			☐	☐	☐
224.94	227.99	3.05	LST	2.97	97	K309799	13-052			☐	☐	☐
224.94	227.99	3.05	LST	2.97	97	K309800	13-052			☐	☑	☐
227.99	231.04	3.05	LST	3.05	100	K309801	13-052			☐	☐	☐
231.04	234.09	3.05	LST	3.00	98	K309802	13-052			☐	☐	☐
234.09	237.13	3.04	LST	2.86	94	K309803	13-052			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
237.13	240.18	3.05	LST	2.87	94	K309805	13-052			☐	☐	☐
240.18	243.23	3.05	LST	2.90	95	K309806	13-052			☐	☐	☐
243.23	246.28	3.05	LST	2.97	97	K309807	13-052			☐	☐	☐
246.28	249.33	3.05	LST	3.03	99	K309808	13-052			☐	☐	☐
249.33	252.37	3.04	LST	3.04	100	K309809	13-052			☐	☐	☐
252.37	255.42	3.05	LST	2.89	95	K309810	13-052			☐	☐	☐
252.37	255.42	3.05	LST	2.89	95	K309811	13-052			☐	☐	☑
255.42	258.47	3.05	LST	2.70	89	K309812	13-052			☐	☐	☐
258.47	261.52	3.05	LST	3.01	99	K309813	13-052			☐	☐	☐
261.52	264.57	3.05	LST	3.05	100	K309814	13-052			☐	☐	☐
264.57	267.61	3.04	LST	2.83	93	K309815	13-052			☐	☐	☐
267.61	270.66	3.05	LST	2.65	87	K309816	13-052			☐	☐	☐
270.66	272.42	1.76	LST	1.76	100	K309817	13-052			☐	☐	☐
272.42	275.00	2.58	LST	2.58	100	K309818	13-052			☐	☐	☐
275.00	276.76	1.76	LST	1.62	92	K309819	13-052			☐	☐	☐
276.76	279.81	3.05	LST	3.00	98	K309821	13-052			☐	☐	☐
279.81	282.85	3.04	LST	2.91	96	K309822	13-052			☐	☐	☐
282.85	285.90	3.05	LST	3.05	100	K309823	13-052			☐	☐	☐
285.90	288.95	3.05	LST	3.05	100	K309824	13-052			☐	☐	☐
288.95	292.00	3.05	LST	3.05	100	K309826	13-052			☐	☐	☐
292.00	295.05	3.05	LST	3.05	100	K309827	13-052			☐	☐	☐
295.05	298.09	3.04	LST	3.04	100	K309829	13-052			☐	☐	☐
298.09	301.14	3.05	LST	3.05	100	K309830	13-052			☐	☐	☐
301.14	304.19	3.05	LST	3.05	100	K309831	13-053			☐	☐	☐
304.19	307.24	3.05	LST	2.77	91	K309832	13-053			☐	☐	☐
307.24	310.29	3.05	LST	3.05	100	K309833	13-053			☐	☐	☐
310.29	313.33	3.04	LST	2.73	90	K309834	13-053			☐	☐	☐
313.33	316.38	3.05	LST	3.05	100	K309836	13-053			☐	☐	☐
316.38	319.43	3.05	LST	3.05	100	K309837	13-053			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
319.43	322.48	3.05	LST	3.05	100	K309838	13-053			☐	☐	☐
319.43	322.48	3.05	LST	3.05	100	K309839	13-053			☐	☐	☑
322.48	325.53	3.05	LST	3.05	100	K309840	13-053			☐	☐	☐
325.53	328.57	3.04	LST	3.04	100	K309841	13-053			☐	☐	☐
328.57	331.62	3.05	LST	3.05	100	K309842	13-053			☐	☐	☐
331.62	334.67	3.05	LST	3.05	100	K309843	13-053			☐	☐	☐
334.67	337.72	3.05	LST	3.05	100	K309844	13-053			☐	☐	☐
337.72	340.77	3.05	LST	3.05	100	K309845	13-053			☐	☐	☐
340.77	343.81	3.04	LST	3.04	100	K309846	13-053			☐	☐	☐
343.81	346.86	3.05	LST	3.05	100	K309848	13-053			☐	☐	☐
346.86	349.91	3.05	LST	2.84	93	K309849	13-053			☐	☐	☐
349.91	352.96	3.05	LST	3.05	100	K309850	13-053			☐	☐	☐
352.96	356.00	3.04	LST	2.98	98	K309851	13-053			☐	☐	☐
356.00	359.05	3.05	LST	3.05	100	K309852	13-053			☐	☐	☐
356.00	359.05	3.05	LST	3.00	98	K309853	13-053			☐	☑	☐
359.05	362.10	3.05	LST	3.02	99	K309854	13-053			☐	☐	☐
362.10	365.15	3.05	LST	3.02	99	K309855	13-053			☐	☐	☐
365.15	368.20	3.05	LST	3.05	100	K309856	13-053			☐	☐	☐
368.20	371.25	3.05	LST	3.05	100	K309857	13-053			☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		630200	7112475	1475.2	261.52

ZONE: Conrad

SECTION: C200E

HOLE: OS -13-223

CLAIM: Sten 24

Contractor: Superior

Drill: 7

Core Size: HQ

Casing Depth: 10.67m, Out

Drilling Dates: Aug 20 - Sep 23, 2013

Geology Logged By: R. Phillips

SURVEY

Depth (m)	Azimuth	Dip	Method
5.48	352.02	-71.9	Reflex
261.51	2.72	-71.3	Reflex

TARGET: Targeting potential mxn in SLC.

SUMMARY

From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	OVB
1.52	50.28	48.76	SHL
50.28	52.91	2.63	DST
52.91	261.52	208.61	SLT

SAMPLES

Numbers:	K309876 to K309943, N831681 to N831698
Total:	86
Batch:	053, 055, 056, C07
Certificates:	WH13153662, WH13153666, WH13155645, WH13156426

COMMENTS

Hole shutdown in barren SLC after passing target depth.

Sample Log

OS -13-223

Nadaleen
Conrad Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K309881	13-053		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309892	13-055			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309901	13-055		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309907	13-055			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309919	13-055		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309928	13-056			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309936	13-056		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K309877	13-053			☑	☐	☐
1.52	5.49	3.97	SHL, OVB	2.87	72	N831681	13-C07	Chip		☐	☐	☐
5.49	11.58	6.09	SHL	2.60	43	N831682	13-C07	Chip		☐	☐	☐
11.58	17.68	6.10	SHL	6.03	99	N831683	13-C07	Chip		☐	☐	☐
17.68	23.77	6.09	SHL	5.84	96	N831684	13-C07	Chip		☐	☐	☐
23.77	29.87	6.10	SHL	5.94	97	N831685	13-C07	Chip		☐	☐	☐
29.87	35.97	6.10	SHL	5.30	87	N831686	13-C07	Chip		☐	☐	☐
35.97	42.06	6.09	SHL	5.87	96	N831687	13-C07	Chip		☐	☐	☐
42.06	46.63	4.57	SHL	4.29	94	N831688	13-C07	Chip		☐	☐	☐
46.63	48.16	1.53	SHL	1.48	97	K309876	13-053			☐	☐	☐
48.16	50.28	2.12	SHL	1.74	82	K309878	13-053			☐	☐	☐
50.28	52.91	2.63	SHL, DST	2.63	100	K309879	13-053			☐	☐	☐
52.91	55.78	2.87	SLT, DST	2.87	100	K309880	13-053			☐	☐	☐
55.78	58.83	3.05	SLT	2.98	98	K309882	13-053			☐	☐	☐
58.83	61.87	3.04	SLT	2.84	93	K309883	13-053			☐	☐	☐
61.87	63.96	2.09	SLT	1.99	95	K309884	13-053			☐	☐	☐
63.96	65.34	1.38	SLT	1.38	100	K309885	13-055			☐	☐	☐
65.34	67.17	1.83	SLT	1.65	90	K309886	13-055			☐	☐	☐
67.17	69.00	1.83	SLT	1.83	100	K309887	13-055			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
69.00	71.02	2.02	SLT	1.80	89	K309888	13-055			☐	☐	☐
71.02	72.54	1.52	SLT	1.30	86	K309889	13-055			☐	☐	☐
72.54	74.99	2.45	SLT	2.20	90	K309890	13-055			☐	☐	☐
74.99	76.92	1.93	SLT	1.85	96	K309891	13-055			☐	☐	☐
76.92	78.64	1.72	SLT	1.72	100	K309893	13-055			☐	☐	☐
78.64	81.69	3.05	SLT	3.05	100	K309894	13-055			☐	☐	☐
78.64	81.69	3.05	SLT	3.05	100	K309895	13-055			☐	☐	☑
81.69	84.73	3.04	SLT	3.04	100	K309896	13-055			☐	☐	☐
84.73	87.78	3.05	SLT	3.01	99	K309897	13-055			☐	☐	☐
87.78	90.83	3.05	SLT	2.89	95	K309898	13-055			☐	☐	☐
90.83	93.88	3.05	SLT	3.05	100	K309899	13-055			☐	☐	☐
93.88	96.93	3.05	SLT	3.01	99	K309900	13-055			☐	☐	☐
96.93	99.97	3.04	SLT	3.04	100	K309902	13-055			☐	☐	☐
99.97	103.02	3.05	SLT	3.05	100	K309903	13-055			☐	☐	☐
103.02	106.07	3.05	SLT	3.01	99	K309904	13-055			☐	☐	☐
106.07	108.52	2.45	SLT	2.40	98	K309905	13-055			☐	☐	☐
108.52	110.64	2.12	SLT	1.80	85	K309906	13-055			☐	☐	☐
110.64	112.24	1.60	SLT	1.60	100	K309908	13-055			☐	☐	☐
112.24	115.21	2.97	SLT	2.80	94	K309909	13-055			☐	☐	☐
115.21	118.26	3.05	SLT	3.04	100	K309910	13-055			☐	☐	☐
118.26	121.31	3.05	SLT	3.05	100	K309911	13-055			☐	☐	☐
118.26	121.31	3.05	SLT	3.05	100	K309912	13-055			☐	☑	☐
121.31	124.36	3.05	SLT	3.05	100	K309913	13-055			☐	☐	☐
124.36	127.41	3.05	SLT	3.05	100	K309914	13-055			☐	☐	☐
127.41	130.45	3.04	SLT	3.02	99	K309915	13-055			☐	☐	☐
130.45	133.50	3.05	SLT	2.84	93	K309916	13-055			☐	☐	☐
133.50	136.55	3.05	SLT	2.91	95	K309917	13-055			☐	☐	☐
136.55	139.60	3.05	SLT	2.99	98	K309918	13-055			☐	☐	☐
139.60	142.65	3.05	SLT	3.01	99	K309920	13-055			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
142.65	145.69	3.04	SLT	3.03	100	K309921	13-056			☐	☐	☐
145.69	148.74	3.05	SLT	2.81	92	K309922	13-056			☐	☐	☐
148.74	151.79	3.05	SLT	3.04	100	K309923	13-056			☐	☐	☐
151.79	154.84	3.05	SLT	2.95	97	K309924	13-056			☐	☐	☐
154.84	157.89	3.05	SLT	3.01	99	K309925	13-056			☐	☐	☐
157.89	160.93	3.04	SLT	2.97	98	K309926	13-056			☐	☐	☐
160.93	163.98	3.05	SLT	2.82	92	K309927	13-056			☐	☐	☐
163.98	167.03	3.05	SLT	3.04	100	K309929	13-056			☐	☐	☐
167.03	170.08	3.05	SLT	2.96	97	K309930	13-056			☐	☐	☐
167.03	170.08	3.05	SLT	2.96	97	K309931	13-056			☐	☐	☑
170.08	173.13	3.05	SLT	2.91	95	K309932	13-056			☐	☐	☐
173.13	176.17	3.04	SLT	2.90	95	K309933	13-056			☐	☐	☐
176.17	179.22	3.05	SLT	2.99	98	K309934	13-056			☐	☐	☐
179.22	182.27	3.05	SLT	2.99	98	K309935	13-056			☐	☐	☐
182.27	185.32	3.05	SLT	3.02	99	K309937	13-056			☐	☐	☐
185.32	188.37	3.05	SLT	3.05	100	K309938	13-056			☐	☐	☐
188.37	191.41	3.04	SLT	2.90	95	K309939	13-056			☐	☐	☐
191.41	194.46	3.05	SLT	3.00	98	K309940	13-056			☐	☐	☐
194.46	197.51	3.05	SLT	2.99	98	K309941	13-056			☐	☐	☐
197.51	200.56	3.05	SLT	2.80	92	K309942	13-056			☐	☐	☐
200.56	202.08	1.52	SLT	1.46	96	K309943	13-056			☐	☐	☐
202.08	208.18	6.10	SLT	5.75	94	N831689	13-C07	Chip		☐	☐	☐
208.18	214.27	6.09	SLT	5.78	95	N831690	13-C07	Chip		☐	☐	☐
214.27	220.37	6.10	SLT	6.06	99	N831691	13-C07	Chip		☐	☐	☐
220.37	226.47	6.10	SLT	5.88	96	N831692	13-C07	Chip		☐	☐	☐
226.47	232.56	6.09	SLT	5.65	93	N831693	13-C07	Chip		☐	☐	☐
232.56	238.65	6.09	SLT	5.89	97	N831694	13-C07	Chip		☐	☐	☐
238.65	244.75	6.10	SLT	5.97	98	N831695	13-C07	Chip		☐	☐	☐
244.75	250.85	6.10	SLT	5.92	97	N831696	13-C07	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
250.85	256.95	6.10	SLT	5.96	98	N831697	13-C07	Chip		☐	☐	☐
256.95	261.52	4.57	SLT	3.01	66	N831698	13-C07	Chip		☐	☐	☐

APPENDIX X

DIAMOND DRILLING – SAMPLING METHODS, ANALYSIS, DATA VERIFICATION AND QA/QC RESULTS

2013 Drill Core Sampling Methods, Sample Analysis, Data Verification and QA/QC Results

Geotechnical and geological logging was performed on all drill core from the 2010 to 2013 programs. A geotechnical log was filled out prior to geological logging of drill core and included the conversion, of drill marker blocks from imperial to metric and determinations of recovery, rock quality designations (RQD), hardness and weathering. Wetted core photographs were taken and catalogued prior to logging.

Random samples were collected for density measurements using both wet and dry evaluation methods to provide base level density data for resource evaluation.

All logging data were recorded as a hardcopy during the day and transcribed to digital format during the evenings.

Drill core samples were collected using the following procedures:

1) Core was reassembled, lightly washed and measured.
2) Core was photographed.
3) Core was geotechnically logged.
4) Core was geologically logged and sample intervals were designated. Sample intervals were set at geological boundaries, drill blocks or sharp changes in visual mineral content.
5) Core recovery was calculated for each sample interval.
6) In 2010, visually promising core intervals were sawn in half using a rock saw and the remainder was split with an impact core splitter. In 2011 and 2013, intervals of core deemed to hold promise of gold mineralization were sawn in half using a rock saw and the remainder left unsampled. All drill intervals not sawn, had chips sampled every ten centimetres for up to six metre long intervals of core.
7) Samples were double bagged in 6 mm plastic bags, a sample tag was placed in each sample bag, then two or three samples were placed in a fiberglass bag sealed with a metal clasp and sample numbers were written on the outside of that bag with permanent felt pen. The fibreglass bag was sealed with a numbered security tag.
8) Two blank and two standard samples were randomly included in every batch of 31 core samples (in 2012 and 2013, batches comprised 30 core samples).
9) One quarter-split duplicate sample was included in every batch of 31 core samples (in 2012 and 2013, batches comprised 30 core samples).
10) In 2012 and 2013, one coarse reject duplicate sample was included in every batch of 30 core samples.

Core recovery is generally poor in the top 10-20 metres of the holes and excellent below that, averaging 90% for all drilled intervals from the 2010 to 2013 drill programs at the Nadaleen Trend Drill Zones. Care was taken to ensure that the sample split was not biased to sulphide content and, therefore, the sampling should be reliable and representative of the mineralization.

Sample Handling and Security

Drill core was flown by helicopter from the drill sites to a logging and sampling area in the Nadaleen Camp. The samples were later flown by helicopter to the Stewart Airstrip, flown by fixed wing to the Mayo airport and transported to Whitehorse by truck. All samples were controlled by employees of Archer Cathro until they were delivered directly to ALS Minerals' laboratory in Whitehorse for preparation. ALS Minerals was responsible for shipping the prepared sample splits to its North Vancouver laboratory, where they were analyzed.

Archer Cathro ensured that a Chain of Custody form accompanied all batches of drill core during transportation from the Property to the laboratory. A unique security tag was attached to each individual fibreglass bag when the bag was sealed. The bags and security tags had to be intact in order to be delivered to ALS Minerals.

Sample Analysis

All samples were sent to ALS Minerals' laboratory in Whitehorse for preparation and then on to its laboratory in North Vancouver for analysis. ALS Minerals, a wholly owned subsidiary of ALS Limited, is an independent commercial laboratory specializing in analytical geochemistry services. Both ALS Minerals' Whitehorse and North Vancouver laboratories are individually certified to standards within ISO 9001:2008. The North Vancouver laboratory has also received accreditation to ISO/IEC 17025:2005 from the Standards Council of Canada for several analytical methods.

All rock and core samples were dried, fine crushed to better than 70% passing
-2 mm and then a 250 g split was pulverized to better than 85% passing 75 microns.
The pulverizing circuit was cleaned with quartz sand twice between core samples. Pulps were then analyzed at ALS Minerals in North Vancouver where gold determinations were carried out. Splits of the pulverized fraction were routinely dissolved in aqua regia and analyzed for 49 elements using inductively coupled plasma (ICP) together with mass spectrometry (MS) or atomic emission spectroscopy (AES). Gold analyses were by the Au-AA26 procedure that involves fire assay preparation using a 50 gram charge with an atomic absorption spectroscopy finish. Mercury analyses are performed using atomic absorption spectroscopy (AAS).

DATA VERIFICATION

Database

Geological and geotechnical logging prior to 2010 was initially recorded as a hardcopy and then transcribed into MS Excel®. In 2011 through 2013, logging was recorded as a hardcopy and then entered into a MS SQL Server® database. All of the 2010 data has been transferred to the database.

Visual comparison of hardcopy data and digital data was conducted on select holes to ensure accuracy. Any discrepancies identified by this process were investigated, by examining the core stored on the Property, and corrected.

Collar Locations

All drill hole collars were using a Trimble RTK GPS system.

Down-hole Orientations

Prior to 2011, no down-hole azimuth measurements were made and dip deviations were measured using an acid test at the bottom of each hole.

Original 2011 to 2013 survey data obtained from the survey tools in CSV format has been imported directly into the MS SQL Server® database. All of the down-hole data was visually inspected and erroneous data has been omitted.

Assays

Assay certificates, for all of the drilling done to date, were obtained from ALS Minerals in CSV format and imported directly into the MS SQL Server® database. Spot checking of data within the database to hard copy certificates issued by ALS Minerals has not revealed any issues.

Samples from the diamond drilling programs were subjected to a QA/QC program designed by Archer Cathro for ATAC. The QA/QC program consisted of:

1) Sequentially numbered sample tickets: to identify each sample with a unique number to minimize the possibility of sample numbering errors and to ensure uniform collection of sample data.
2) Sealed sample bags: to secure individual sample bags in order to reduce the possibility of sample contamination, spilling or tampering.
3) Chain of custody: samples were stored in a secure preparation area and delivered to the laboratory directly by Archer Cathro personnel.
4) Sample duplicates: select samples were quartered and re-submitted for assay. In addition, duplicates of coarse reject material of select 2012 and 2013 samples were re-submitted for assay.
5) Sample blanks: commercial samples were purchased and inserted in the sample sequence. All blank samples yielded background values, including samples inserted directly following a “standard” value to test for “smear effect” during the sample preparation process, indicating no observable contamination. These blanks each comprised 5 kg (NQ samples) and 7 kg (HQ samples) of material and were assigned unique sample numbers within the sample sequence so as to be “blind” to the laboratory.
6) Reference standard samples: commercially available standard samples consider matrix compatible with Nadaleen Trend –style gold mineralization were purchased for the 2010 through 2012 drill programs. Four standards were prepared from coarse reject material from the 2012 core samples for use during the 2012 and 2013 drill programs. Standards were assigned a unique sample number within the sample sequence.

Table XI summarizes the consensus and two standard deviation values for each of the standard samples used during the 2013 program while the certificates for each of the standard samples prepared occurs in the following pages.

Table XI: Standard Sample Parameters

Standard Name	Standard Gold Grade	2Sigma
OS-CS1	0.49	0.52
OS-CS2	2.54	2.70
OS-CS3	7.75	8.19
OS-CS4	12.8	13.19

Of the 57 batches analyzed in 2013 all passed the QA/QC program.

SMEE & ASSOCIATES CONSULTING LTD.
CONSULTING GEOCHEMISTRY / GEOLOGY

Certificate of Analysis

ATAC OS CS 1

Element	Certified Mean	Two Standard Deviations (between lab)
FA Au Inst.	0.490 g/t	0.030 g/t

Means and standard deviations were calculated from data supplied by six laboratories. Instructions to the laboratories were for the laboratory to finish the fire assay gold with AAS or ICP and with gravimetric if above 5 g/t.

The participating laboratories were:

ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean $\pm$ 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data (shown as the 1^{st} Iteration in the attached Excel spreadsheets). The standard deviation values are known as the “Between Lab” deviations, and can be used to monitor accuracy of a single analysis.

Standards with a Relative Standard Deviation (RSD) of near or less than 5 % are classified as Certified, RSD’s of between near 5 % and 15 % are classified as Provisional and must be used with caution when assessing the accuracy of a single analysis, and RSD’s of more than 15 % are Indicated and cannot be used to monitor accuracy.

The bulk standards were prepared and packaged by CDN Labs of Langley B.C. Each bulk sample was pulverized in a large rod mill, screened through 270 mesh using an electric sieve, and homogenized in a large rotating mixer.

Barry W. Smee, Ph.D., P.Geo.
June, 2013

SMEE & ASSOCIATES CONSULTING LTD.
CONSULTING GEOCHEMISTRY / GEOLOGY

Certificate of Analysis

ATAC OS CS 2

Element	Certified Mean	Two Standard Deviations (between lab)
FA Au Inst.	**2.544 g/t**	**0.158 g/t**

Means and standard deviations were calculated from data supplied by six laboratories. Instructions to the laboratories were for the laboratory to finish the fire assay gold with AAS or ICP and with gravimetric if above 5 g/t.

The participating laboratories were:

ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data (shown as the 1st Iteration in the attached Excel spreadsheets). The standard deviation values are known as the "Between Lab" deviations, and can be used to monitor accuracy of a single analysis.

Standards with a Relative Standard Deviation (RSD) of near or less than 5 % are classified as Certified, RSD's of between near 5 % and 15 % are classified as Provisional and must be used with caution when assessing the accuracy of a single analysis, and RSD's of more than 15 % are Indicated and cannot be used to monitor accuracy.

The bulk standards were prepared and packaged by CDN Labs of Langley B.C. Each bulk sample was pulverized in a large rod mill, screened through 270 mesh using an electric sieve, and homogenized in a large rotating mixer.

Barry W. Smee, Ph.D., P.Geo.
June, 2013

Certificate of Analysis

ATAC OS CS 3

Element	Certified Mean	Two Standard Deviations (between lab)
FA Au Grav.	7.75 g/t	0.44 g/t

Means and standard deviations were calculated from data supplied by six laboratories. Instructions to the laboratories were for the laboratory to finish the fire assay gold with AAS or ICP and with gravimetric if above 5 g/t.

The participating laboratories were:

ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data (shown as the 1st Iteration in the attached Excel spreadsheets). The standard deviation values are known as the "Between Lab" deviations, and can be used to monitor accuracy of a single analysis.

Standards with a Relative Standard Deviation (RSD) of near or less than 5 % are classified as Certified, RSD's of between near 5 % and 15 % are classified as Provisional and must be used with caution when assessing the accuracy of a single analysis, and RSD's of more than 15 % are Indicated and cannot be used to monitor accuracy.

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BW Smee

Barry W. Smee, Ph.D., P.Geo.
June, 2013

SMEE & ASSOCIATES CONSULTING LTD.
CONSULTING GEOCHEMISTRY / GEOLOGY

Certificate of Analysis

ATAC OS CS 4

Element	Certified Mean	Two Standard Deviations (between lab)
FA Au Grav.	12.80 g/t	0.39 g/t

Means and standard deviations were calculated from data supplied by six laboratories. Instructions to the laboratories were for the laboratory to finish the fire assay gold with AAS or ICP and with gravimetric if above 5 g/t.

The participating laboratories were:

ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data (shown as the 1st Iteration in the attached Excel spreadsheets). The standard deviation values are known as the "Between Lab" deviations, and can be used to monitor accuracy of a single analysis.

Standards with a Relative Standard Deviation (RSD) of near or less than 5 % are classified as Certified, RSD's of between near 5 % and 15 % are classified as Provisional and must be used with caution when assessing the accuracy of a single analysis, and RSD's of more than 15 % are Indicated and cannot be used to monitor accuracy.

The bulk standards were prepared and packaged by CDN Labs of Langley B.C. Each bulk sample was pulverized in a large rod mill, screened through 270 mesh using an electric sieve, and homogenized in a large rotating mixer.

Barry W. Smee, Ph.D., P.Geo.
June, 2013

APPENDIX XI

DIAMOND DRILLING - CERTIFICATES OF ANALYSIS

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

CERTIFICATE WH13111763

Project: Nadaleen

P.O. No.: 13-001

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13111763

Sample Description	WEI-21 Recvd Wt.	Au-AA26 Au	ME-MS61 Ag	ME-MS61 Al	ME-MS61 As	ME-MS61 Ba	ME-MS61 Be	ME-MS61 Bi	ME-MS61 Ca	ME-MS61 Cd	ME-MS61 Ce	ME-MS61 Co	ME-MS61 Cr	ME-MS61 Cs	ME-MS61 Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M399501	5.08	<0.01	0.10	5.55	34.9	390	1.51	0.26	7.11	<0.02	59.7	9.6	53	9.63	20.9
M399502	4.80	<0.01	0.03	1.80	7	150	0.66	0.07	26.1	0.03	27.5	3.0	11	3.02	7.3
M399503	8.00	<0.01	0.02	1.53	<5	110	0.50	0.05	29.5	0.02	22.5	2.8	7	2.62	6.0
M399504	6.87	<0.01	0.03	2.69	10	190	0.74	0.10	24.1	<0.02	38.5	4.5	17	4.29	10.4
M399505	7.72	<0.01	0.04	3.13	18	210	0.88	0.12	22.1	0.03	42.1	5.9	20	5.14	12.4
M399506	0.21	0.50	0.09	3.50	2440	190	0.89	0.15	18.30	0.11	39.2	10.8	36	9.57	41.3
M399507	10.12	<0.01	0.04	2.95	7	220	0.90	0.12	22.2	0.02	39.1	5.3	21	4.65	11.6
M399508	10.28	<0.01	0.02	2.32	9	160	0.70	0.09	24.7	0.03	32.6	4.5	15	3.23	10.0
M399509	9.92	<0.01	0.03	3.66	24	260	0.96	0.14	18.20	0.03	49.8	8.3	26	5.50	14.9
M399510	9.47	<0.01	0.02	2.06	40	220	0.63	0.08	26.2	0.03	28.8	4.2	13	3.40	8.4
M399511	10.58	<0.01	0.03	2.04	29	120	0.60	0.08	28.0	0.03	27.3	3.7	12	4.78	8.1
M399512	6.52	<0.01	0.02	2.15	8	200	0.64	0.08	26.2	0.06	31.3	4.0	14	4.94	9.0
M399513	7.99	<0.01	0.03	2.51	14	180	0.78	0.10	20.9	0.03	34.9	4.7	18	5.30	10.6
M399514	6.90	<0.01	0.01	0.04	<5	30	<0.05	0.02	20.6	0.05	0.99	0.7	<1	0.09	1.6
M399515	9.53	<0.01	0.06	2.45	13	130	0.73	0.09	19.85	0.03	38.3	4.1	17	5.05	9.4
M399516	7.16	<0.01	0.04	3.59	18	190	0.90	0.14	18.70	0.05	45.6	6.6	26	6.86	14.3
M399517	10.68	<0.01	0.03	2.39	7	230	0.73	0.09	20.7	0.05	38.0	3.9	17	5.07	9.2
M399518	10.38	<0.01	0.04	2.72	17	230	0.88	0.10	19.35	0.07	42.2	4.5	21	6.02	10.1
M399519	11.09	<0.01	0.02	1.29	45	90	0.41	0.06	27.3	0.03	18.25	2.6	6	3.40	6.3
M399520	<0.02	<0.01	0.02	1.29	42	90	0.45	0.06	26.9	0.03	17.60	2.5	6	3.19	5.9
M399521	10.83	<0.01	0.02	1.86	19	160	0.56	0.07	24.6	0.03	24.1	3.2	12	4.90	7.3
M399522	11.10	0.01	0.02	1.67	11	230	0.60	0.07	28.1	0.02	25.8	3.1	9	4.78	6.9
M399523	11.00	<0.01	0.03	2.37	31	230	0.71	0.10	23.5	0.03	34.9	4.3	15	6.79	9.6
M399524	8.33	<0.01	0.01	1.35	36	100	0.47	0.06	29.3	0.02	18.90	2.9	6	3.98	6.0
M399525	6.98	<0.01	<0.01	0.06	<5	30	0.08	0.03	21.5	0.06	1.09	0.7	<1	0.30	1.3
M399526	7.71	0.03	0.02	1.45	24	130	0.47	0.06	30.9	0.03	20.0	3.0	7	3.79	6.0
M399527	11.46	<0.01	0.01	0.42	52	70	0.21	0.03	32.1	0.03	6.52	1.3	<1	0.93	2.9
M399528	5.15	<0.01	<0.01	0.16	9	70	0.09	0.01	32.7	0.03	4.40	0.8	<1	0.22	1.8
M399529	2.40	0.01	<0.01	0.15	6	70	0.09	0.01	32.5	0.03	4.18	0.8	<1	0.21	1.6
M399530	6.79	<0.01	0.04	3.46	760	190	1.01	0.12	18.60	0.04	42.4	6.5	23	9.48	13.4
M399531	0.21	0.50	0.09	3.48	2410	190	0.85	0.13	18.15	0.13	38.8	10.6	37	9.35	40.9
M399532	9.27	<0.01	0.05	8.05	62.3	480	2.37	0.29	0.80	<0.02	70.0	16.9	67	18.90	43.1
M399533	2.08	<0.01	0.06	1.56	<5	100	0.62	0.06	27.7	0.02	31.2	2.6	8	2.93	5.9
M399534	1.18	<0.01	0.05	0.98	<5	90	0.35	0.04	25.3	0.03	26.3	1.6	3	1.40	3.2
M399535	7.69	<0.01	0.03	1.68	6	110	0.58	0.06	27.2	0.05	26.2	2.9	9	3.92	6.0
M399536	9.05	<0.01	0.03	3.71	14	200	1.03	0.13	22.8	0.04	41.3	7.0	28	8.80	14.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13111763

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M399501		2.91	16.90	0.11	2.7	0.14	0.047	2.32	28.5	96.4	0.28	157	0.52	0.17	9.1	18.7
M399502		1.40	4.48	0.06	0.8	0.06	0.010	0.63	12.3	37.2	0.48	246	0.31	0.07	2.5	7.3
M399503		1.05	3.93	0.05	0.6	0.02	0.005	0.51	10.3	20.7	0.35	185	0.20	0.13	2.0	6.1
M399504		1.40	6.74	0.09	1.0	0.05	0.015	0.92	17.6	28.7	0.27	164	0.34	0.13	3.4	10.3
M399505		1.64	7.94	0.11	1.2	0.04	0.021	1.03	19.4	38.1	0.41	256	0.46	0.15	3.9	12.9
M399506		2.87	9.50	0.06	1.8	3.75	0.030	1.69	17.7	9.5	1.37	1120	1.57	0.02	5.7	24.5
M399507		1.70	7.51	0.06	1.2	0.04	0.019	0.93	18.3	37.2	0.86	251	0.48	0.19	3.9	12.4
M399508		1.50	6.00	0.07	1.0	0.05	0.010	0.67	15.1	26.0	1.08	507	0.40	0.13	3.0	10.2
M399509		2.00	9.18	0.09	1.3	0.12	0.025	1.12	23.6	59.0	1.57	807	0.47	0.09	4.6	16.3
M399510		1.24	5.44	0.08	1.0	0.08	0.009	0.64	13.0	20.5	1.05	580	0.31	0.05	2.7	9.5
M399511		1.10	5.20	0.09	0.9	0.02	0.014	0.73	13.0	18.9	0.82	197	0.21	0.10	2.8	7.9
M399512		1.17	5.66	0.11	0.9	0.03	0.018	0.78	14.3	41.2	1.21	213	0.24	0.13	3.0	8.8
M399513		1.43	6.45	0.09	1.0	0.07	0.012	0.91	15.6	40.0	1.56	248	0.41	0.12	3.2	10.7
M399514		0.45	0.15	0.12	<0.1	<0.01	<0.005	0.02	0.5	1.1	12.15	194	0.06	0.01	0.1	1.8
M399515		1.27	6.49	0.11	1.2	0.06	0.017	0.83	16.9	33.8	1.07	186	0.35	0.37	3.3	9.6
M399516		1.57	9.49	0.11	1.3	0.13	0.026	1.24	21.5	55.2	0.88	232	0.42	0.41	4.6	14.6
M399517		1.24	6.26	0.09	1.2	0.05	0.013	0.83	16.6	27.0	1.14	180	0.31	0.28	3.4	8.9
M399518		1.41	7.09	0.11	1.4	0.07	0.017	0.99	18.5	22.5	1.34	189	0.36	0.22	3.9	10.6
M399519		0.71	3.47	0.09	0.6	0.04	0.008	0.46	8.5	12.6	1.55	149	0.23	0.11	1.9	5.1
M399520		0.71	3.37	0.10	0.6	0.04	<0.005	0.46	8.1	12.4	1.53	149	0.23	0.11	1.8	5.6
M399521		0.94	4.80	0.09	0.9	0.06	0.010	0.68	11.4	11.8	1.57	160	0.22	0.23	2.5	6.5
M399522		0.91	4.34	0.11	0.8	0.05	0.010	0.66	11.9	12.1	0.58	107	0.16	0.16	2.4	7.0
M399523		1.22	6.10	0.10	1.1	0.09	0.012	0.95	16.1	17.5	1.12	182	0.27	0.10	3.2	9.4
M399524		0.74	3.54	0.09	0.6	0.06	0.005	0.59	9.1	8.9	0.92	179	0.19	0.03	1.8	5.5
M399525		0.46	0.24	0.13	<0.1	<0.01	<0.005	0.03	0.5	1.2	12.65	202	0.12	<0.01	0.2	1.8
M399526		0.76	3.84	0.11	0.6	0.10	<0.005	0.64	9.2	11.4	0.90	174	0.16	0.03	2.0	6.2
M399527		0.36	1.16	0.09	0.2	0.06	<0.005	0.18	2.9	3.4	1.93	216	0.11	0.02	0.6	2.3
M399528		0.17	0.46	0.12	0.1	0.06	<0.005	0.07	1.6	0.9	1.54	109	0.07	0.01	0.2	1.4
M399529		0.16	0.44	0.10	0.1	0.06	<0.005	0.06	1.4	0.8	1.92	112	0.06	0.01	0.2	1.3
M399530		1.84	8.42	0.15	1.3	0.64	0.020	1.41	20.0	17.8	2.35	609	0.35	0.03	4.3	14.3
M399531		2.84	9.38	0.11	1.8	3.46	0.032	1.68	17.7	9.4	1.35	1110	1.51	0.02	5.6	23.6
M399532		4.23	22.2	0.16	3.0	0.12	0.064	3.34	33.4	93.1	1.23	349	0.29	0.07	11.1	35.8
M399533		1.22	3.83	0.09	0.7	0.03	0.007	0.55	14.0	12.9	0.32	206	0.22	0.14	2.3	6.2
M399534		0.90	2.27	0.07	0.6	0.01	<0.005	0.28	10.9	7.7	0.27	140	0.16	0.23	1.7	3.8
M399535		1.15	4.26	0.10	0.7	0.02	0.008	0.57	12.2	16.8	0.51	251	0.26	0.15	2.3	6.7
M399536		1.71	9.20	0.11	1.2	0.04	0.026	1.22	21.2	34.1	0.41	147	0.35	0.25	4.5	14.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13111763

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399501		610	21.3	92.6	<0.002	0.10	0.48	9.7	1	1.9	346	0.72	<0.05	9.2	0.322	1.02
M399502		660	6.0	33.8	<0.002	0.16	0.26	3.5	2	0.5	940	0.20	<0.05	3.7	0.085	0.35
M399503		530	4.5	27.1	<0.002	0.15	0.15	3.2	<1	0.4	1095	0.15	<0.05	2.9	0.070	0.16
M399504		610	7.2	51.0	<0.002	0.11	0.23	5.2	1	0.7	982	0.26	0.05	4.7	0.116	0.31
M399505		600	8.5	56.9	<0.002	0.20	0.28	5.8	1	0.9	875	0.30	<0.05	5.7	0.135	0.30
M399506		360	8.7	83.3	0.002	2.41	8.83	9.4	1	1.3	702	0.42	<0.05	5.8	0.251	10.60
M399507		600	7.9	51.0	0.002	0.88	0.24	5.4	2	0.8	879	0.28	<0.05	5.5	0.136	0.26
M399508		530	6.5	37.0	0.002	0.85	0.24	4.6	<1	0.6	824	0.22	<0.05	4.2	0.103	0.19
M399509		520	11.7	63.1	<0.002	1.14	0.43	6.9	1	1.0	612	0.36	<0.05	6.6	0.157	0.30
M399510		540	5.9	35.9	<0.002	0.53	0.31	4.1	<1	0.5	840	0.20	<0.05	3.8	0.094	0.23
M399511		400	5.7	41.1	<0.002	0.54	0.25	4.0	1	0.6	1050	0.21	<0.05	3.9	0.095	0.17
M399512		440	5.8	45.0	<0.002	0.63	0.24	4.4	1	0.6	1075	0.23	<0.05	4.0	0.099	0.20
M399513		620	7.1	50.6	<0.002	0.89	0.28	4.7	1	0.6	823	0.24	<0.05	4.5	0.111	0.30
M399514		160	1.4	0.9	<0.002	0.01	0.08	0.2	<1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	<0.02
M399515		750	7.1	46.6	<0.002	0.84	0.22	4.7	1	0.7	892	0.25	<0.05	4.7	0.114	0.24
M399516		480	9.9	71.1	<0.002	1.19	0.31	6.8	<1	1.0	843	0.35	<0.05	6.4	0.156	0.36
M399517		910	7.3	45.9	<0.002	0.80	0.23	4.5	1	0.6	808	0.25	<0.05	4.7	0.117	0.22
M399518		810	8.3	55.8	<0.002	0.93	0.25	5.3	1	0.8	840	0.29	<0.05	5.4	0.137	0.23
M399519		400	4.3	26.1	<0.002	0.38	0.21	2.6	1	0.4	916	0.14	<0.05	2.5	0.063	0.11
M399520		400	4.9	24.7	<0.002	0.37	0.24	2.6	<1	0.4	893	0.14	<0.05	2.5	0.063	0.10
M399521		480	5.6	36.8	<0.002	0.54	0.22	3.4	1	0.5	777	0.19	<0.05	3.5	0.088	0.15
M399522		370	5.2	36.6	<0.002	0.61	0.17	3.4	1	0.5	987	0.19	<0.05	3.5	0.084	0.16
M399523		390	6.7	52.9	<0.002	0.78	0.23	4.3	<1	0.7	786	0.25	0.08	4.6	0.109	0.24
M399524		310	4.1	32.6	<0.002	0.44	0.16	2.7	1	0.4	803	0.13	<0.05	2.5	0.060	0.25
M399525		190	1.4	1.8	<0.002	<0.01	0.06	0.2	<1	<0.2	53.8	<0.05	<0.05	<0.2	<0.005	<0.02
M399526		500	4.6	33.7	<0.002	0.57	0.21	2.9	<1	0.4	1305	0.15	<0.05	2.9	0.068	0.43
M399527		550	1.7	9.1	<0.002	0.18	0.15	1.0	1	0.2	1110	<0.05	<0.05	0.9	0.019	0.28
M399528		330	1.0	3.3	<0.002	0.08	0.13	0.5	<1	<0.2	1480	<0.05	<0.05	0.4	0.008	0.16
M399529		460	0.9	3.0	<0.002	0.07	0.12	0.4	<1	<0.2	1400	<0.05	<0.05	0.4	0.007	0.14
M399530		440	12.3	71.8	<0.002	1.00	1.40	6.0	2	0.9	681	0.34	0.05	5.8	0.152	2.04
M399531		360	8.6	82.1	0.002	2.37	8.75	9.2	<1	1.3	696	0.44	<0.05	5.8	0.248	10.85
M399532		620	22.4	138.5	<0.002	0.85	0.51	15.9	<1	2.5	201	0.87	<0.05	11.9	0.396	1.26
M399533		950	4.2	28.6	0.002	0.24	0.17	4.1	<1	0.5	945	0.18	<0.05	3.1	0.079	0.16
M399534		840	3.1	14.7	<0.002	0.20	0.15	2.5	1	0.3	1060	0.13	<0.05	2.4	0.059	0.09
M399535		600	4.6	30.5	<0.002	0.27	0.17	3.4	<1	0.5	844	0.17	<0.05	3.2	0.079	0.15
M399536		600	10.1	59.9	<0.002	0.48	0.28	5.9	1	1.0	643	0.35	<0.05	6.9	0.151	0.33

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13111763

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M399501		2.3	69	1.8	11.3	51	90.9
M399502		1.5	17	0.5	8.1	19	28.2
M399503		1.4	14	0.3	6.2	17	20.9
M399504		1.7	25	0.5	9.5	32	31.5
M399505		1.9	29	0.6	10.0	33	41.3
M399506		2.5	70	5.4	15.0	45	60.1
M399507		2.0	29	0.6	9.3	29	39.2
M399508		1.7	24	0.5	9.1	26	31.1
M399509		2.2	35	0.8	12.5	42	44.7
M399510		1.7	21	0.5	7.8	23	28.3
M399511		1.7	20	0.4	7.1	26	30.5
M399512		1.7	22	0.5	7.8	36	31.1
M399513		1.7	25	0.6	9.0	34	33.4
M399514		0.5	2	0.1	0.7	14	<0.5
M399515		1.6	24	0.5	9.8	28	37.5
M399516		2.0	34	0.8	10.5	40	46.5
M399517		1.6	23	0.5	10.2	31	42.2
M399518		1.8	28	0.6	10.9	33	48.0
M399519		1.2	13	0.3	5.4	15	21.8
M399520		1.3	14	0.3	5.1	15	21.6
M399521		1.5	19	0.4	6.8	24	28.3
M399522		1.7	15	0.4	6.4	19	29.1
M399523		1.7	22	0.5	8.1	26	36.0
M399524		1.1	13	0.3	5.0	15	18.4
M399525		0.6	2	0.1	0.7	16	<0.5
M399526		1.6	14	0.3	6.0	16	21.3
M399527		1.1	5	0.1	2.6	5	7.3
M399528		1.0	2	0.1	1.9	3	2.8
M399529		1.0	2	0.1	2.1	3	2.5
M399530		2.0	33	2.4	9.3	38	40.6
M399531		2.4	70	5.3	14.9	44	58.4
M399532		2.9	90	2.1	16.7	94	99.2
M399533		1.5	17	0.5	9.8	19	27.3
M399534		1.2	9	0.4	9.2	15	23.8
M399535		1.4	17	0.4	7.8	20	24.8
M399536		2.2	33	0.7	9.7	35	41.3

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 28-JUN-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13111763

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au-AA26	Hg-CV41	ME-MS61

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-JUL-2013
Account: RCM

CERTIFICATE WH13113606

Project: Nadaleen

P.O. No.: 13-002

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113606

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M397401	10.48	<0.01	0.08	5.54	9.3	310	1.43	0.30	7.95	0.02	97.2	9.9	57	7.05	21.7
M397402	10.94	<0.01	0.10	6.72	40.1	360	1.92	0.33	4.48	0.04	102.5	12.0	55	8.87	28.5
M397403	4.72	<0.01	0.10	5.39	25	230	1.56	0.27	11.20	0.06	82.8	11.8	50	8.65	24.7
M397404	6.64	<0.01	<0.01	0.06	<5	20	<0.05	0.07	21.6	0.06	1.38	0.9	1	0.23	2.2
M397405	5.78	<0.01	0.07	1.23	16	100	0.43	0.09	26.3	0.03	26.1	4.1	14	1.64	6.7
M397406	5.81	<0.01	0.06	6.03	90.9	270	1.67	0.29	7.67	0.02	91.2	9.7	54	9.30	23.2
M397407	11.00	<0.01	0.05	7.17	288	340	2.16	0.34	6.31	<0.02	82.2	10.0	64	10.80	28.4
M397408	5.55	<0.01	0.04	3.93	107	150	1.22	0.19	24.3	<0.02	48.2	6.7	28	6.34	15.7
M397409	2.33	<0.01	0.05	4.01	125	190	1.23	0.19	23.6	0.02	50.0	7.6	30	6.56	15.4
M397410	6.67	<0.01	0.05	3.85	77	190	1.11	0.18	23.9	0.02	50.2	7.1	31	6.38	17.3
M397411	9.75	<0.01	0.05	1.56	10	480	0.48	0.09	29.0	<0.02	22.2	3.1	15	2.65	9.1
M397412	9.44	<0.01	0.05	1.92	12	1370	0.63	0.11	24.8	<0.02	31.6	4.4	16	2.83	10.1
M397413	0.28	0.49	0.07	3.57	2540	200	0.86	0.14	18.35	0.11	40.7	10.5	42	9.63	39.9
M397414	9.63	<0.01	0.07	4.40	7	390	1.14	0.21	15.25	0.02	73.9	8.6	39	6.13	20.0
M397415	9.42	<0.01	0.09	4.36	7	200	1.14	0.21	12.05	<0.02	83.8	8.4	44	5.72	19.0
M397416	12.86	<0.01	0.06	4.65	<5	280	1.29	0.22	12.05	0.02	77.6	8.5	44	6.15	19.2
M397417	<0.02	<0.01	0.08	4.57	5	280	1.23	0.23	12.00	0.04	78.6	8.5	43	6.07	19.5
M397418	10.81	<0.01	0.09	4.94	9	230	1.36	0.25	12.10	0.02	73.9	8.2	46	6.96	20.7
M397419	11.90	<0.01	0.09	4.95	8	340	1.32	0.25	10.15	0.03	81.8	8.7	51	7.34	21.5
M397420	10.36	<0.01	0.08	3.40	8	170	0.94	0.18	20.7	0.04	54.3	6.0	31	5.49	14.8
M397421	0.28	0.50	0.09	3.54	2300	200	0.82	0.14	18.25	0.12	39.0	10.1	39	9.32	37.5
M397422	11.67	<0.01	0.06	3.27	13	150	0.81	0.17	21.4	<0.02	48.2	5.8	31	5.21	14.3
M397423	12.16	<0.01	0.07	3.60	<5	180	1.00	0.18	17.70	<0.02	63.4	6.9	37	5.22	16.2
M397424	11.69	<0.01	0.07	4.22	8	190	1.15	0.21	15.40	<0.02	65.0	7.4	38	5.92	17.7
M397425	10.42	<0.01	0.07	4.07	25	180	1.06	0.19	17.75	<0.02	57.6	7.0	35	4.92	17.0
M397426	11.36	<0.01	0.06	3.11	13	140	0.86	0.15	17.75	0.02	53.9	6.3	29	3.93	13.1
M397427	11.62	<0.01	0.08	3.12	16	150	0.89	0.14	16.05	<0.02	56.6	7.2	34	3.84	13.8
M397428	10.13	<0.01	0.08	3.42	14	170	0.96	0.17	14.15	<0.02	68.0	7.6	36	4.33	15.5
M397429	11.29	0.08	0.09	5.15	11.7	240	1.49	0.24	8.48	0.03	79.0	10.2	53	6.74	22.8
M397430	10.90	<0.01	0.11	4.64	13	190	1.30	0.22	12.15	0.02	68.9	8.8	44	6.21	21.0
M397431	6.86	<0.01	0.35	5.74	11.5	250	1.57	0.30	7.90	0.04	83.4	10.6	54	7.50	25.4
M397432	8.27	<0.01	0.02	0.39	<5	30	0.23	0.04	23.0	0.12	9.01	1.1	7	0.43	3.3
M397433	7.12	<0.01	<0.01	0.04	7	70	<0.05	0.04	21.6	0.08	1.09	0.7	<1	0.10	1.4
M397434	7.72	<0.01	0.12	5.97	12.7	260	1.74	0.30	6.85	0.02	89.4	11.5	63	8.86	28.6
M397435	10.92	<0.01	0.09	5.17	9.2	230	1.45	0.25	7.51	0.04	88.9	10.7	52	6.69	21.8
M397436	11.14	<0.01	0.09	5.12	14	210	1.44	0.24	11.40	0.02	72.3	9.0	45	7.95	22.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113606

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M397401		2.82	14.00	0.28	3.2	0.06	0.044	2.65	47.9	34.2	0.96	338	0.38	0.04	9.4	23.2
M397402		3.24	17.75	0.30	3.8	0.04	0.055	2.92	51.7	46.0	1.02	318	0.38	0.05	11.4	29.0
M397403		3.29	14.50	0.21	2.9	0.05	0.047	2.56	41.4	50.4	1.00	352	0.41	0.04	9.1	30.6
M397404		0.48	0.39	0.39	<0.1	<0.01	0.006	0.03	0.7	1.3	12.95	218	0.12	<0.01	0.2	1.7
M397405		1.51	3.07	0.10	0.7	0.03	0.014	0.58	12.3	9.0	0.73	464	0.24	0.02	2.1	9.3
M397406		3.12	15.45	0.19	3.3	0.03	0.049	2.93	46.5	44.8	0.93	261	0.37	0.04	10.5	25.5
M397407		3.41	19.20	0.27	3.4	0.08	0.057	3.63	43.8	36.3	0.98	381	0.32	0.05	11.7	28.0
M397408		1.84	9.90	0.14	1.3	0.09	0.027	1.79	26.5	16.5	0.62	289	0.28	0.03	5.1	17.9
M397409		2.16	10.10	0.16	1.4	0.08	0.031	1.81	26.8	17.3	0.66	310	0.26	0.03	5.1	19.4
M397410		1.86	9.72	0.17	1.4	0.09	0.030	1.75	26.9	13.1	0.68	293	0.30	0.03	5.1	17.4
M397411		1.10	3.94	0.13	0.6	0.07	0.011	0.73	11.4	5.1	0.45	220	0.21	0.01	2.1	7.7
M397412		2.07	5.01	0.12	0.9	0.07	0.018	0.84	15.3	8.3	1.58	365	0.19	0.01	2.9	10.7
M397413		2.92	9.23	0.08	1.8	3.50	0.037	1.67	20.4	8.9	1.37	1160	1.50	0.02	5.7	22.8
M397414		1.86	11.25	0.17	2.7	0.08	0.039	2.17	36.2	17.2	0.84	295	0.28	0.03	7.7	20.2
M397415		1.91	11.35	0.19	2.8	0.08	0.039	2.16	41.0	13.5	0.82	234	0.28	0.03	8.2	19.5
M397416		2.32	11.75	0.17	2.9	0.14	0.038	2.29	38.2	18.6	0.96	294	0.28	0.03	8.1	20.2
M397417		2.32	11.45	0.17	2.9	0.11	0.041	2.24	39.1	18.2	0.95	292	0.28	0.03	8.0	20.4
M397418		2.50	12.55	0.15	2.9	0.10	0.044	2.42	37.1	20.7	0.88	354	0.30	0.03	8.2	21.4
M397419		2.43	12.75	0.19	3.1	0.08	0.042	2.52	40.7	16.4	0.99	235	0.30	0.03	8.6	22.2
M397420		2.19	8.56	0.15	1.7	0.18	0.031	1.54	28.0	10.7	0.86	302	0.35	0.02	5.1	15.9
M397421		2.89	8.95	0.08	1.9	3.57	0.034	1.56	19.6	8.4	1.34	1060	1.49	0.02	5.6	21.7
M397422		1.69	8.28	0.15	1.8	0.10	0.029	1.60	24.6	14.0	0.66	225	0.21	0.03	5.2	14.3
M397423		1.84	9.18	0.12	2.3	0.09	0.032	1.80	31.1	17.0	0.70	222	0.23	0.03	6.4	16.8
M397424		2.10	10.70	0.14	2.4	0.10	0.035	2.10	32.9	15.0	1.10	520	0.23	0.03	6.8	18.0
M397425		1.91	9.62	0.15	2.0	0.12	0.034	2.03	29.3	11.3	0.87	350	0.22	0.03	6.2	16.6
M397426		1.66	7.74	0.12	1.7	0.09	0.029	1.57	26.3	8.9	0.92	399	0.20	0.02	5.0	15.7
M397427		1.95	7.93	0.12	1.8	0.12	0.031	1.58	27.4	9.1	0.80	333	0.28	0.02	5.2	16.1
M397428		2.24	8.69	0.13	2.0	0.10	0.034	1.71	33.2	11.7	1.05	350	0.30	0.02	5.9	18.6
M397429		2.50	13.20	0.17	3.0	0.10	0.046	2.64	38.9	20.2	1.01	286	0.31	0.03	9.0	25.4
M397430		2.69	11.90	0.13	2.6	0.11	0.046	2.38	34.9	19.9	0.96	329	0.40	0.03	7.8	22.5
M397431		2.48	14.35	0.17	3.4	0.11	0.055	2.96	41.1	21.1	0.88	233	0.40	0.04	9.7	26.1
M397432		2.96	1.07	0.06	0.2	0.03	0.005	0.19	4.3	2.0	7.94	1150	0.10	0.02	0.7	2.1
M397433		0.49	0.15	0.07	<0.1	0.01	<0.005	0.02	0.5	0.9	13.25	205	0.09	<0.01	0.1	1.8
M397434		2.87	15.95	0.18	3.2	0.11	0.049	3.07	44.7	27.6	1.09	242	0.38	0.04	10.4	31.1
M397435		2.25	13.50	0.18	3.1	0.09	0.035	2.63	43.4	24.3	0.86	303	0.29	0.03	9.8	27.4
M397436		2.48	13.05	0.14	2.6	0.10	0.036	2.64	36.5	23.1	0.81	211	0.30	0.03	8.5	22.9

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113606

Sample Description	Method Analyte Units LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
M397401		240	23.2	125.0	0.003	0.70	0.65	9.4	1	1.8	283	0.75	<0.05	13.4	0.332	1.20
M397402		290	21.4	149.0	0.002	0.66	0.66	11.6	1	2.1	146.5	0.89	<0.05	15.7	0.337	1.73
M397403		280	23.0	122.5	0.002	0.87	0.69	9.5	1	1.8	390	0.68	<0.05	12.1	0.304	1.47
M397404		160	1.4	1.6	0.002	<0.01	0.05	0.2	<1	0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.03
M397405		570	17.6	26.2	0.002	0.56	0.45	2.4	1	0.5	745	0.16	<0.05	2.8	0.083	0.70
M397406		360	14.1	140.0	0.002	0.57	0.71	10.4	1	1.9	271	0.81	<0.05	14.0	0.348	1.57
M397407		350	12.6	146.5	0.002	1.15	0.56	12.1	1	2.3	169.5	0.88	<0.05	14.2	0.363	2.94
M397408		250	11.8	78.4	0.003	1.09	0.36	6.2	1	1.1	930	0.37	<0.05	7.4	0.170	1.48
M397409		360	12.7	79.7	0.003	1.39	0.41	7.1	1	1.1	902	0.39	<0.05	7.5	0.173	1.83
M397410		230	14.0	76.8	0.002	1.34	0.28	6.7	1	1.1	893	0.37	<0.05	7.4	0.172	1.38
M397411		320	9.5	31.0	0.003	0.84	0.17	2.8	1	0.5	965	0.16	<0.05	3.0	0.072	0.78
M397412		490	11.9	39.6	0.003	1.01	0.29	3.5	1	0.7	577	0.23	<0.05	4.0	0.089	0.60
M397413		370	8.6	84.9	0.004	2.47	8.97	9.1	1	1.4	728	0.42	0.06	5.7	0.261	9.69
M397414		270	17.9	97.7	0.003	0.90	0.56	7.6	1	1.5	397	0.60	<0.05	10.6	0.267	0.87
M397415		230	20.4	99.6	0.004	0.87	0.62	7.6	1	1.4	320	0.64	<0.05	10.7	0.308	0.84
M397416		210	19.1	106.5	0.002	0.72	0.60	7.7	1	1.5	331	0.63	<0.05	11.1	0.293	0.69
M397417		220	19.3	105.5	0.002	0.74	0.64	7.5	1	1.5	327	0.65	<0.05	11.2	0.291	0.69
M397418		290	21.3	112.5	0.003	1.04	0.60	8.3	1	1.6	288	0.65	<0.05	11.2	0.281	0.72
M397419		250	21.8	119.0	0.002	1.37	0.61	8.4	1	1.7	243	0.68	<0.05	11.9	0.296	0.85
M397420		190	13.8	75.6	0.002	1.60	0.34	5.6	1	1.1	559	0.39	<0.05	7.3	0.157	1.25
M397421		370	7.7	80.8	0.004	2.45	8.65	8.7	1	1.4	720	0.41	0.05	5.5	0.240	9.20
M397422		210	13.0	72.2	0.003	1.19	0.37	5.4	1	1.1	507	0.41	<0.05	6.9	0.175	0.71
M397423		240	18.5	85.6	0.002	1.25	0.48	6.2	1	1.2	343	0.50	<0.05	8.5	0.231	0.68
M397424		880	23.1	98.0	0.004	1.47	0.48	6.9	1	1.3	299	0.52	<0.05	9.4	0.231	0.82
M397425		170	22.6	86.1	0.003	1.36	0.41	6.4	1	1.3	279	0.46	<0.05	8.5	0.221	0.72
M397426		180	18.5	60.2	<0.002	1.00	0.45	5.1	1	0.9	260	0.37	0.08	6.7	0.210	0.59
M397427		260	25.2	62.4	<0.002	1.44	0.46	5.2	2	1.0	241	0.40	0.09	6.9	0.234	0.57
M397428		350	25.7	67.8	0.002	1.27	0.52	5.8	<1	1.0	262	0.46	0.13	7.7	0.269	0.50
M397429		570	27.6	105.0	0.002	1.08	0.68	8.8	<1	1.7	198.5	0.67	0.13	11.5	0.333	0.65
M397430		480	31.0	94.7	<0.002	1.48	0.66	7.9	1	1.5	294	0.59	0.06	9.9	0.276	0.62
M397431		180	37.6	119.5	<0.002	1.47	0.77	9.6	1	1.7	162.5	0.74	0.14	12.2	0.331	0.70
M397432		680	5.1	6.5	<0.002	0.31	0.16	0.8	<1	<0.2	230	<0.05	0.05	0.8	0.024	0.05
M397433		180	1.2	0.8	<0.002	0.01	0.08	0.2	<1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02
M397434		480	36.6	125.5	<0.002	1.70	0.92	10.5	1	2.0	175.0	0.80	0.12	12.2	0.357	0.70
M397435		420	25.9	104.0	<0.002	1.01	0.72	9.0	1	1.6	200	0.73	0.19	11.7	0.348	0.59
M397436		660	26.9	104.0	<0.002	1.57	0.60	8.4	1	1.5	320	0.61	<0.05	10.1	0.294	0.58

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 4- JUL- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13113606

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M397401		3.0	65	1.2	21.0	29	107.5
M397402		2.9	69	2.5	22.9	39	123.0
M397403		3.5	64	1.1	21.1	75	97.9
M397404		1.2	2	0.1	0.9	19	0.5
M397405		2.7	17	0.3	7.2	22	36.2
M397406		3.3	72	2.0	22.7	59	110.5
M397407		3.0	86	3.4	23.4	46	115.5
M397408		3.5	42	1.2	13.5	29	48.8
M397409		3.5	45	1.3	15.2	38	52.0
M397410		3.5	46	2.0	13.1	35	47.2
M397411		3.1	18	0.6	6.8	11	22.2
M397412		2.4	21	0.5	10.9	6	35.0
M397413		2.4	72	5.1	17.1	48	62.1
M397414		3.1	51	1.0	19.6	21	91.6
M397415		3.2	54	1.0	19.9	12	95.3
M397416		3.2	55	1.0	19.6	39	94.8
M397417		3.1	54	1.2	19.5	41	96.1
M397418		3.2	58	1.0	19.5	35	101.5
M397419		3.2	59	1.1	20.5	34	103.5
M397420		3.3	35	0.7	14.0	31	58.2
M397421		2.4	66	4.8	16.7	43	60.7
M397422		3.1	37	0.7	12.9	32	59.2
M397423		3.2	43	0.8	16.6	24	75.6
M397424		2.8	49	0.9	16.2	24	82.8
M397425		3.1	46	1.1	15.6	16	71.8
M397426		2.3	40	0.7	13.0	13	61.9
M397427		2.2	44	0.7	13.7	11	62.4
M397428		2.3	47	0.8	14.3	15	67.3
M397429		2.9	71	1.2	22.3	29	102.5
M397430		2.8	64	1.0	17.9	35	89.0
M397431		2.7	78	1.3	21.4	35	109.5
M397432		0.9	7	0.1	5.1	8	12.7
M397433		0.5	2	0.1	0.7	18	<0.5
M397434		3.0	81	1.5	21.4	44	110.0
M397435		2.5	69	1.2	20.7	41	102.5
M397436		2.6	66	1.1	17.8	34	92.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113606

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE WH13113607

Project: Nadaleen
P.O. No.: 13-003
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113607

Sample Description	Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M397437		11.62	<0.01	0.07	2.22	11	130	0.63	0.10	20.0	0.03	50.2	3.9	19	3.47	9.7
M397438		11.54	<0.01	0.10	4.08	8.1	200	1.06	0.19	9.44	0.02	86.0	6.9	45	6.98	16.8
M397439		7.60	<0.01	0.07	3.43	8	190	0.99	0.15	19.75	0.02	50.3	5.7	33	8.44	13.3
M397440		3.45	<0.01	0.08	3.57	9	180	1.07	0.18	18.20	0.02	53.4	6.5	35	9.01	15.4
M397441		5.75	<0.01	0.07	3.16	12	250	0.81	0.16	23.4	0.05	38.2	5.6	23	9.43	14.3
M397442		4.10	<0.01	0.17	6.22	40	970	1.32	0.29	11.45	0.09	66.8	15.4	45	20.7	39.0
M397443		9.03	<0.01	0.09	8.99	19.5	350	2.37	0.45	1.89	0.03	96.0	20.4	70	38.8	39.2
M397444		5.63	<0.01	0.14	7.89	23.4	340	2.20	0.41	3.57	0.19	85.2	17.4	66	33.7	38.2
M397445		7.16	<0.01	0.09	7.53	29.5	400	2.07	0.39	2.99	0.03	81.6	13.7	61	37.1	34.0
M397446		0.28	0.49	0.08	3.45	2440	190	0.83	0.14	17.70	0.11	39.0	10.4	42	10.00	42.3
M397447		9.17	<0.01	0.08	6.15	17.8	280	1.63	0.30	8.45	0.04	70.7	14.6	48	28.3	19.7
M397448		10.22	<0.01	0.02	6.49	12.6	370	1.84	0.27	8.80	0.04	67.8	8.3	48	28.1	35.8
M397449		<0.02	<0.01	0.04	6.45	12.7	370	1.79	0.27	8.78	0.03	70.1	8.2	46	28.7	37.2
M397450		10.67	<0.01	0.01	8.49	8.8	410	2.33	0.35	1.32	<0.02	71.4	8.3	72	34.7	60.8
M397451		7.81	<0.01	0.03	6.56	12.5	290	1.80	0.29	9.84	<0.02	67.6	7.3	47	27.6	20.4
M397452		6.15	<0.01	0.05	5.21	11	250	1.50	0.22	14.05	0.04	62.4	8.9	38	22.7	40.3
M397453		6.77	<0.01	<0.01	0.07	<5	20	0.05	0.02	19.90	0.06	1.11	0.6	<1	0.23	3.2
M397454		6.49	<0.01	0.06	3.87	368	210	1.06	0.16	18.05	0.08	43.1	6.2	30	13.90	13.0
M397455		7.61	<0.01	0.07	4.47	237	320	1.24	0.18	15.20	0.07	49.8	8.0	35	16.90	15.0
M397456		6.39	<0.01	0.05	4.24	240	1840	1.21	0.17	16.85	0.07	47.7	6.6	33	16.35	16.6
M397457		7.72	<0.01	0.05	3.97	39	210	1.12	0.15	16.80	0.06	44.9	5.7	31	14.55	10.9
M397458		11.18	<0.01	0.05	5.70	18	270	1.60	0.22	12.30	0.04	61.5	8.1	42	26.4	30.3
M397459		0.28	0.49	0.09	3.49	2460	200	0.86	0.15	17.90	0.11	39.0	10.3	41	10.10	40.8
M397460		11.62	<0.01	0.05	3.31	7	170	0.91	0.14	20.6	0.05	38.0	5.7	27	14.20	12.2
M397461		11.33	<0.01	0.03	1.19	15	120	0.42	0.06	20.1	<0.02	14.85	10.4	11	3.78	6.9
M397462		8.30	<0.01	0.03	1.06	<5	80	0.37	0.05	21.6	0.07	12.95	7.5	10	3.36	10.7
M397463		7.09	<0.01	0.04	2.11	<5	150	0.78	0.09	23.7	0.11	26.8	5.4	16	8.39	11.7
M397464		7.26	<0.01	0.06	8.02	28.9	450	2.57	0.38	2.06	<0.02	76.3	15.5	71	44.6	34.1
M397465		11.42	<0.01	0.08	6.72	13.2	390	2.08	0.32	3.68	0.04	71.4	12.2	57	37.9	24.5
M397466		7.35	<0.01	0.04	7.53	31.9	390	2.33	0.41	1.85	0.06	78.4	17.3	63	40.4	43.2
M397467		7.83	<0.01	0.04	7.65	59.3	370	2.64	0.36	2.29	0.03	82.3	17.6	62	42.2	37.4
M397468		7.36	<0.01	0.02	2.09	74	160	0.85	0.09	14.40	0.20	30.7	4.6	16	8.41	12.4
M397469		6.83	<0.01	<0.01	0.06	<5	20	<0.05	0.02	19.65	0.06	1.01	0.6	<1	0.15	2.0
M397470		13.67	0.04	0.04	0.58	973	70	0.28	0.03	17.95	0.17	8.50	1.8	5	1.18	6.2
M397471		12.93	0.05	0.01	0.58	993	50	0.30	0.02	17.45	0.02	8.20	1.5	4	1.02	4.0
M397472		12.97	0.07	0.01	0.69	1160	50	0.33	0.03	17.95	1.59	11.30	1.4	4	1.54	4.3

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113607

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M397437		1.45	5.73	0.09	1.4	0.10	0.022	1.10	24.5	10.5	0.83	265	0.22	0.02	4.3	8.3
M397438		2.01	10.75	0.15	2.7	0.22	0.039	2.11	42.3	15.3	0.77	211	0.41	0.03	7.9	15.0
M397439		1.52	8.82	0.14	1.8	0.10	0.028	1.77	25.5	11.5	0.89	326	0.28	0.03	5.4	12.3
M397440		1.62	9.66	0.16	1.8	0.11	0.025	1.83	27.1	12.5	0.87	309	0.31	0.03	5.9	14.2
M397441		1.86	8.64	0.17	1.2	0.07	0.028	1.60	20.6	7.9	1.42	522	0.43	0.03	4.4	12.4
M397442		4.95	16.50	0.18	2.0	0.20	0.045	3.20	36.5	16.9	1.02	331	1.39	0.03	8.3	51.3
M397443		4.05	25.0	0.26	3.2	0.05	0.068	4.93	52.2	24.2	1.30	418	0.55	0.05	12.5	39.9
M397444		4.29	21.3	0.26	3.1	0.13	0.069	4.30	46.3	21.0	1.58	445	0.91	0.04	11.2	39.9
M397445		3.53	21.0	0.23	2.9	0.08	0.055	4.36	44.0	20.3	1.47	398	1.27	0.04	10.6	35.4
M397446		2.84	9.53	0.14	1.9	3.55	0.022	1.65	18.4	9.4	1.37	1150	1.63	0.02	5.9	23.9
M397447		2.65	17.15	0.22	3.0	0.06	0.045	3.48	37.4	20.7	2.29	563	0.28	0.05	9.1	29.7
M397448		3.07	17.80	0.19	2.9	0.02	0.060	3.58	36.3	25.1	2.09	493	0.24	0.05	9.7	21.4
M397449		3.05	17.85	0.22	3.0	0.02	0.057	3.53	37.2	25.6	2.09	485	0.20	0.05	9.9	21.6
M397450		3.74	24.2	0.22	3.7	0.01	0.059	4.80	36.7	32.6	1.16	369	0.16	0.06	12.6	29.5
M397451		2.73	17.55	0.19	3.0	0.02	0.041	3.63	37.2	22.8	1.58	385	0.20	0.05	9.7	22.4
M397452		2.06	14.70	0.21	2.4	0.03	0.032	2.91	33.4	14.7	1.79	409	0.23	0.03	7.9	22.7
M397453		0.45	0.24	0.18	<0.1	<0.01	<0.005	0.03	0.5	1.2	12.35	197	0.11	<0.01	0.2	1.2
M397454		1.88	10.25	0.19	1.9	0.04	0.018	2.09	22.0	10.7	2.49	391	0.42	0.03	5.7	15.5
M397455		1.93	11.80	0.21	2.1	0.04	0.029	2.47	26.7	12.4	3.37	393	0.45	0.04	6.5	18.2
M397456		1.83	11.55	0.22	2.1	0.04	0.023	2.34	24.4	11.7	2.61	410	0.33	0.03	6.4	16.4
M397457		1.75	10.45	0.27	2.6	0.03	0.017	2.13	22.2	11.0	2.72	338	0.42	0.03	5.8	14.2
M397458		1.94	15.70	0.25	2.9	0.03	0.036	3.15	33.8	17.6	2.24	289	0.36	0.04	8.6	20.9
M397459		2.88	9.59	0.18	1.8	3.55	0.025	1.66	18.3	9.4	1.38	1150	1.63	0.02	5.9	23.7
M397460		1.43	9.19	0.21	1.6	0.04	0.018	1.82	19.4	9.7	2.52	392	0.38	0.03	4.8	13.0
M397461		5.64	3.27	0.10	0.6	0.03	<0.005	0.65	7.6	3.9	5.65	754	0.21	0.01	1.7	17.9
M397462		2.92	2.85	0.11	0.6	0.04	<0.005	0.57	6.8	4.4	6.42	546	0.17	0.02	1.6	11.1
M397463		1.41	5.69	0.14	1.1	0.05	<0.005	1.15	13.3	6.9	2.43	486	0.20	0.02	3.1	9.1
M397464		2.31	23.3	0.26	3.7	0.12	0.050	4.75	38.5	27.2	1.46	196	0.41	0.05	12.9	33.8
M397465		2.96	20.3	0.26	3.3	0.14	0.060	3.98	35.7	25.6	2.03	420	0.42	0.05	11.2	35.8
M397466		3.75	22.1	0.23	3.5	0.16	0.061	4.33	40.8	24.7	1.37	248	1.58	0.04	11.6	32.5
M397467		4.28	22.0	0.26	3.4	0.16	0.063	4.24	43.6	24.6	1.67	173	2.09	0.04	11.7	35.7
M397468		2.08	5.70	0.14	1.1	0.24	0.011	1.10	14.6	10.1	8.41	648	0.18	0.02	3.3	11.6
M397469		0.45	0.20	0.16	<0.1	<0.01	<0.005	0.02	0.5	1.0	12.35	195	0.16	0.01	0.2	1.3
M397470		0.76	1.59	0.19	0.5	1.33	<0.005	0.30	4.4	3.6	11.00	642	0.16	0.02	1.0	3.4
M397471		0.54	1.60	0.19	0.5	0.67	<0.005	0.29	4.3	3.7	10.70	605	0.18	0.02	1.0	2.0
M397472		0.56	2.19	0.20	0.6	1.84	<0.005	0.35	6.5	4.1	10.95	543	0.57	0.01	1.2	2.4

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113607

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397437		150	20.7	45.8	<0.002	0.84	0.29	3.5	1	1.5	444	0.36	<0.05	5.5	0.159	0.28
M397438		140	44.5	86.1	<0.002	1.52	0.52	6.5	1	1.4	146.0	0.61	<0.05	10.6	0.297	0.52
M397439		1110	24.2	69.0	<0.002	1.03	0.31	5.4	1	1.0	418	0.44	<0.05	7.3	0.182	0.38
M397440		1020	28.1	76.2	<0.002	1.16	0.37	5.9	1	1.1	388	0.45	<0.05	8.0	0.189	0.43
M397441		290	20.5	63.0	<0.002	1.00	0.25	5.3	1	1.0	569	0.33	<0.05	6.0	0.133	0.55
M397442		290	53.7	120.5	0.002	4.01	0.72	9.6	1	1.8	492	0.62	0.08	11.1	0.258	1.61
M397443		350	23.3	192.5	<0.002	1.71	0.44	15.4	2	2.6	116.0	0.92	0.11	16.8	0.387	1.10
M397444		280	39.4	174.5	0.002	1.99	0.73	14.3	1	2.4	132.0	0.86	0.09	14.8	0.364	1.20
M397445		300	29.8	152.5	0.002	1.57	0.60	13.6	2	2.3	94.5	0.79	<0.05	14.1	0.328	1.07
M397446		350	9.7	80.4	0.002	2.37	8.60	9.4	2	1.3	672	0.44	0.14	5.9	0.259	10.15
M397447		1240	20.7	146.5	0.002	0.51	0.61	12.3	3	2.0	220	0.66	0.15	11.9	0.294	0.93
M397448		710	8.6	156.0	0.002	0.10	0.31	13.1	3	2.2	278	0.71	0.16	12.0	0.308	0.75
M397449		700	8.4	156.0	0.002	0.09	0.30	13.1	2	2.2	283	0.71	0.13	11.8	0.302	0.76
M397450		730	7.8	178.0	0.002	0.04	0.24	16.9	3	2.9	81.4	0.94	0.14	13.6	0.406	0.93
M397451		720	7.1	155.5	0.002	0.06	0.26	13.0	2	2.2	225	0.72	0.11	11.8	0.312	0.68
M397452		990	9.7	121.5	0.002	0.13	0.34	11.0	3	1.8	380	0.58	0.14	10.1	0.257	0.64
M397453		160	1.4	1.5	0.002	0.01	<0.05	0.2	2	<0.2	48.9	<0.05	0.05	<0.2	<0.005	0.03
M397454		760	8.3	83.5	0.002	0.04	0.29	7.6	2	1.3	431	0.42	0.08	7.5	0.186	1.06
M397455		890	10.2	98.5	0.002	0.08	0.36	8.9	2	1.3	354	0.48	0.12	8.3	0.223	0.93
M397456		850	8.9	96.1	0.002	0.09	0.30	8.7	2	1.4	406	0.46	0.18	8.1	0.211	1.09
M397457		1180	7.5	86.9	0.002	0.09	0.23	7.6	4	1.2	509	0.40	0.07	7.3	0.190	0.51
M397458		740	7.9	135.5	0.002	0.09	0.30	11.8	2	2.0	387	0.64	0.14	10.8	0.285	0.76
M397459		360	9.1	80.2	<0.002	2.38	8.72	9.4	3	1.4	682	0.41	0.14	6.0	0.253	10.40
M397460		570	6.2	75.3	0.003	0.10	0.23	6.6	2	1.0	566	0.36	0.09	6.0	0.159	0.44
M397461		300	3.1	25.4	0.002	0.11	0.13	2.3	3	0.4	440	0.13	0.06	2.3	0.057	0.34
M397462		520	3.6	19.9	0.002	0.06	0.16	2.2	2	0.3	229	0.12	0.10	2.1	0.052	0.14
M397463		1070	5.8	44.2	0.003	0.09	0.24	4.3	2	0.7	329	0.23	0.12	4.1	0.102	0.38
M397464		840	16.5	157.5	0.002	0.48	0.53	15.2	4	2.8	79.6	0.94	0.15	13.8	0.420	1.07
M397465		1000	18.2	128.0	<0.002	1.20	0.58	13.7	2	2.5	92.1	0.80	0.20	11.6	0.345	0.88
M397466		1070	18.6	146.0	<0.002	2.78	0.69	16.4	3	2.5	80.6	0.87	0.22	14.2	0.388	1.47
M397467		1600	21.9	155.0	0.003	3.69	0.78	17.1	1	2.7	90.3	0.88	0.19	15.1	0.397	2.02
M397468		2080	7.3	40.1	<0.002	1.31	0.38	4.5	2	0.7	81.9	0.26	0.05	4.3	0.110	1.04
M397469		160	1.3	1.0	0.002	0.02	<0.05	0.2	1	<0.2	44.9	<0.05	0.05	<0.2	<0.005	<0.02
M397470		350	5.5	9.8	0.002	0.39	1.26	1.1	1	0.2	62.9	0.07	0.05	1.2	0.028	2.47
M397471		460	2.6	9.9	0.002	0.23	1.01	1.1	<1	0.2	58.2	0.07	0.06	1.4	0.030	1.85
M397472		420	3.1	12.4	0.002	0.28	1.27	1.4	2	0.2	65.6	0.09	0.05	1.7	0.035	2.44

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113607

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M397437		2.4	27	0.6	10.3	23	46.7
M397438		2.4	52	1.1	16.1	17	84.6
M397439		3.1	41	0.7	12.8	29	58.4
M397440		3.1	43	0.8	13.9	31	63.6
M397441		3.1	37	0.6	10.7	64	41.1
M397442		3.5	72	1.2	18.9	115	67.3
M397443		3.0	105	1.8	23.2	65	106.0
M397444		3.9	102	1.6	23.8	222	102.5
M397445		3.1	92	1.4	19.9	55	92.8
M397446		2.4	72	5.0	15.4	44	59.9
M397447		3.7	89	1.3	22.0	23	91.9
M397448		3.9	95	1.3	21.3	29	96.3
M397449		3.8	92	1.2	21.4	29	99.4
M397450		2.9	127	1.7	21.6	37	122.5
M397451		3.3	94	1.3	19.3	23	96.1
M397452		4.4	74	1.1	18.5	19	83.3
M397453		0.6	3	0.1	0.8	14	0.5
M397454		6.1	55	0.8	13.6	17	60.6
M397455		5.6	65	0.9	16.4	20	69.7
M397456		6.1	63	0.9	14.9	18	69.0
M397457		7.0	58	0.8	14.6	15	63.3
M397458		5.7	83	1.2	17.4	19	91.5
M397459		2.4	73	5.1	15.5	43	60.7
M397460		7.8	51	0.7	12.4	11	52.9
M397461		4.9	17	0.3	6.1	16	19.3
M397462		6.0	18	0.2	5.8	26	18.6
M397463		7.5	32	0.5	11.9	62	33.9
M397464		3.2	118	1.7	22.1	35	121.0
M397465		3.9	99	1.4	23.3	53	104.5
M397466		2.8	107	1.7	22.8	60	108.5
M397467		2.9	103	2.1	25.6	28	106.5
M397468		3.6	29	0.9	14.6	72	35.8
M397469		0.5	2	0.1	0.7	12	<0.5
M397470		2.6	10	0.5	4.0	62	15.4
M397471		4.7	11	0.6	3.6	<2	15.9
M397472		7.3	11	0.6	4.7	558	18.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 3- JUL- 2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13113607

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU- 31	CRU- QC	LOG- 22	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-JUL-2013
Account: RCM

CERTIFICATE WH13115626

Project: Nadaleen

P.O. No.: 13-004

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115626

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M399537		10.90	<0.01	0.04	2.08	11	160	0.82	0.10	25.1	0.06	27.1	4.3	14	4.19	9.8
M399538		4.76	<0.01	0.05	3.58	11	240	1.12	0.13	20.9	0.05	46.2	7.2	27	7.17	14.9
M399539		10.25	<0.01	0.05	4.51	16	240	1.52	0.16	15.50	0.07	56.3	9.0	37	10.10	19.4
M399540		9.27	<0.01	0.05	2.41	11	150	0.83	0.08	26.7	0.04	32.0	5.3	16	5.00	10.5
M399541		7.80	<0.01	0.06	3.87	14	170	1.27	0.14	22.5	0.06	50.8	9.0	28	8.45	17.5
M399542		9.00	<0.01	0.08	5.42	18	190	1.78	0.20	14.10	0.06	65.1	12.0	44	11.95	23.8
M399543		9.27	<0.01	0.06	4.45	17	190	1.52	0.16	18.80	0.09	53.0	10.3	37	9.11	20.2
M399544		0.22	0.52	0.11	3.47	2470	190	1.13	0.12	18.05	0.14	37.5	12.4	41	9.76	43.0
M399545		10.00	<0.01	0.06	3.10	31	170	1.07	0.12	22.2	0.04	40.2	7.8	23	6.26	16.1
M399546		5.98	<0.01	0.05	3.72	14	210	1.28	0.13	17.90	0.05	46.7	10.7	27	8.07	18.4
M399547		12.08	<0.01	0.04	2.19	16	120	0.76	0.08	24.0	0.04	26.6	4.8	15	5.59	9.4
M399548		11.58	<0.01	0.04	2.83	20	180	0.95	0.10	24.0	0.05	35.1	6.1	21	9.50	11.6
M399549		6.78	<0.01	0.01	0.05	<5	30	0.08	0.04	20.9	0.08	1.20	1.4	<1	0.16	2.2
M399550		11.48	<0.01	0.05	3.25	27	190	1.38	0.12	19.85	0.09	40.0	7.4	26	9.79	15.3
M399551		11.33	<0.01	0.05	2.53	34	170	0.91	0.08	20.0	0.05	38.0	5.3	20	8.12	11.5
M399552		11.63	<0.01	0.04	2.79	41	240	1.12	0.10	19.45	0.07	39.7	5.9	22	8.80	11.3
M399553		11.33	<0.01	0.05	2.83	72	180	1.02	0.14	18.75	0.05	40.7	6.1	21	8.96	12.2
M399554		10.96	<0.01	0.05	2.65	41	170	0.84	0.09	18.50	0.07	39.8	5.3	21	9.33	11.1
M399555		12.06	<0.01	0.04	2.08	61	280	0.76	0.08	24.1	0.07	26.6	5.0	15	7.49	10.6
M399556		12.03	<0.01	0.03	1.45	63	160	0.59	0.05	26.0	0.06	18.65	3.7	9	4.37	8.4
M399557		6.89	<0.01	0.04	2.31	26	120	0.79	0.08	20.4	0.06	33.0	4.9	19	6.80	11.5
M399558		2.62	<0.01	0.03	1.94	23	120	0.84	0.08	22.5	0.07	28.9	4.5	16	6.04	9.1
M399559		6.68	<0.01	0.05	3.39	51	250	1.18	0.13	18.95	0.08	46.5	7.6	27	9.67	15.7
M399560		5.01	<0.01	0.06	3.14	64	250	1.17	0.11	16.75	0.08	45.5	6.8	26	8.64	12.9
M399561		6.87	<0.01	0.02	0.04	<5	30	0.08	0.03	19.85	0.11	1.05	1.1	<1	0.18	2.9
M399562		10.81	<0.01	0.06	8.53	43.3	340	2.73	0.36	0.97	0.04	96.4	18.9	74	27.2	40.0
M399563		11.64	<0.01	0.05	8.18	129.0	380	2.86	0.28	1.01	0.04	88.8	17.3	70	28.4	35.3
M399564		5.78	<0.01	0.01	7.67	180.0	230	2.92	0.23	1.99	0.09	78.9	14.9	68	24.5	29.0
M399565		11.19	0.08	0.10	1.69	720	140	0.76	0.06	19.15	0.07	24.5	5.1	18	3.79	14.2
M399566		6.81	<0.01	0.03	2.82	198	160	0.99	0.07	16.75	0.04	34.6	4.5	32	7.35	18.0
M399567		8.39	<0.01	0.02	1.52	21	90	0.69	0.06	25.7	0.05	22.3	2.4	15	3.93	9.7
M399568		<0.02	<0.01	0.02	1.55	17	90	0.74	0.06	25.9	0.05	22.6	2.4	15	3.99	8.7
M399569		8.21	<0.01	0.01	2.63	34	150	0.97	0.09	20.5	0.05	35.2	3.8	27	7.91	20.4
M399570		11.53	<0.01	0.02	2.17	17	90	0.85	0.07	21.4	0.07	27.4	3.2	28	6.52	13.7
M399571		5.48	<0.01	0.02	2.74	68	120	1.05	0.09	15.60	0.06	32.6	3.5	28	8.17	11.9
M399602		0.19	0.52	0.09	3.40	2460	190	0.92	0.15	17.65	0.11	37.6	10.9	39	10.30	42.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115626

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M399537		1.21	5.84	0.07	1.0	0.04	0.018	0.70	12.3	21.2	0.44	278	0.47	0.18	3.0	8.7
M399538		1.87	10.00	0.09	1.6	0.06	0.034	1.21	20.2	36.8	0.47	301	0.54	0.24	4.8	15.0
M399539		2.11	12.45	0.12	2.0	0.06	0.028	1.56	26.7	49.7	0.79	256	0.65	0.36	6.1	19.5
M399540		1.37	6.73	0.11	1.1	0.06	0.020	0.72	14.1	30.7	0.53	237	0.43	0.28	3.2	10.7
M399541		1.82	10.60	0.08	1.4	0.06	0.033	1.25	21.9	38.2	0.80	271	0.43	0.33	4.9	17.3
M399542		2.46	14.90	0.12	2.1	0.06	0.044	1.74	31.3	66.0	1.03	354	0.58	0.50	7.0	24.7
M399543		2.09	12.20	0.12	1.6	0.05	0.040	1.36	23.8	61.1	1.11	620	0.74	0.51	5.7	20.4
M399544		2.87	10.25	0.10	1.9	3.64	0.036	1.67	16.0	10.5	1.37	1180	1.69	0.02	5.9	25.5
M399545		1.55	8.55	0.11	1.3	0.30	0.025	1.14	17.4	95.2	0.88	378	0.53	0.05	3.9	14.2
M399546		2.13	10.55	0.13	1.5	0.09	0.033	1.26	20.5	62.2	1.32	935	0.47	0.10	4.7	20.2
M399547		1.27	5.89	0.10	1.1	0.06	0.012	0.73	12.0	27.3	1.53	302	0.27	0.26	3.0	9.2
M399548		1.35	7.80	0.11	1.4	0.09	0.027	1.07	15.6	28.5	0.61	153	0.30	0.17	4.1	12.0
M399549		0.49	0.44	0.22	<0.1	<0.01	<0.005	0.01	0.5	1.5	12.50	216	0.14	0.01	0.2	2.3
M399550		1.57	9.12	0.13	1.4	0.10	0.030	1.15	17.7	32.6	1.68	319	0.49	0.43	4.4	14.8
M399551		1.34	7.31	0.11	1.3	0.12	0.021	0.98	15.6	22.8	1.25	211	0.37	0.18	3.6	10.5
M399552		1.51	8.30	0.16	1.6	0.26	0.028	1.14	16.5	28.6	1.41	223	0.37	0.09	4.3	11.7
M399553		1.42	8.56	0.14	1.5	0.26	0.024	1.17	17.6	22.3	1.18	213	0.39	0.09	4.3	12.6
M399554		1.38	7.68	0.13	1.7	0.13	0.021	1.09	17.0	13.5	1.14	182	0.39	0.16	4.3	11.1
M399555		0.99	6.12	0.15	1.1	0.10	0.018	0.87	12.3	9.9	0.84	184	0.36	0.09	3.0	9.9
M399556		0.85	4.25	0.16	0.7	0.07	0.013	0.62	8.5	8.0	1.90	176	0.28	0.03	2.1	6.9
M399557		1.36	6.62	0.15	1.4	0.15	0.018	1.02	13.9	23.4	1.14	192	0.33	0.04	3.6	10.7
M399558		1.31	5.76	0.16	1.2	0.14	0.022	0.85	12.6	22.8	1.13	179	0.41	0.04	3.2	9.4
M399559		1.67	9.97	0.16	1.7	0.19	0.029	1.47	20.5	41.2	0.91	557	0.55	0.04	5.1	15.9
M399560		2.01	8.97	0.16	1.9	0.19	0.031	1.32	19.5	52.9	1.10	758	0.43	0.04	5.0	14.8
M399561		0.45	0.42	0.28	<0.1	<0.01	0.006	0.02	0.5	1.4	12.00	201	0.12	<0.01	0.1	2.2
M399562		4.06	27.1	0.31	3.3	0.04	0.073	3.87	44.5	138.5	1.21	270	0.42	0.07	12.4	40.7
M399563		3.50	24.4	0.29	3.5	0.16	0.071	3.65	42.0	83.0	1.19	401	0.28	0.05	12.4	39.0
M399564		3.32	22.5	0.29	3.5	0.28	0.062	3.39	37.1	58.6	1.19	539	0.20	0.05	12.0	39.3
M399565		1.36	4.90	0.06	1.1	0.51	0.018	0.68	11.6	9.3	5.33	828	0.67	0.02	2.9	10.1
M399566		1.90	7.85	0.12	1.7	0.24	0.027	1.30	15.6	13.5	6.95	710	0.37	0.02	4.7	8.5
M399567		0.66	4.06	0.12	0.8	0.13	0.015	0.76	12.3	5.6	2.19	294	0.24	0.01	2.6	5.2
M399568		0.68	4.18	0.14	0.8	0.13	0.014	0.79	12.4	5.7	2.25	300	0.25	0.01	2.6	5.2
M399569		0.97	6.88	0.15	1.4	0.15	0.023	1.31	18.6	10.8	2.68	335	0.24	0.02	4.7	7.9
M399570		0.84	5.79	0.16	1.1	0.07	0.019	1.11	15.0	9.5	2.74	290	0.23	0.02	3.7	9.6
M399571		1.19	7.42	0.15	1.5	0.12	0.022	1.41	17.6	12.8	5.01	319	0.44	0.02	4.7	7.7
M399602		2.81	9.30	0.15	1.8	3.57	0.038	1.62	18.7	8.8	1.35	1140	1.52	0.02	6.0	24.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115626

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
M399537		550	6.6	32.9	0.002	0.42	0.16	4.0	1	0.7	658	0.21	<0.05	3.7	0.101	0.18
M399538		820	10.4	56.0	0.002	0.43	0.28	7.0	2	1.1	641	0.35	<0.05	6.2	0.161	0.33
M399539		820	12.3	77.9	0.002	1.13	0.29	8.5	1	1.3	661	0.44	<0.05	7.9	0.207	0.40
M399540		460	7.1	34.0	0.002	0.49	0.15	4.7	2	0.7	998	0.24	<0.05	4.4	0.109	0.21
M399541		260	10.7	64.2	0.002	1.24	0.23	7.5	2	1.1	476	0.36	<0.05	6.5	0.168	0.33
M399542		370	15.2	89.2	0.003	1.73	0.32	10.4	2	1.5	372	0.53	<0.05	9.6	0.243	0.45
M399543		490	12.3	69.7	0.002	1.30	0.32	8.4	2	1.2	438	0.43	<0.05	7.5	0.198	0.37
M399544		360	8.7	74.0	0.002	2.44	9.49	9.8	2	1.4	691	0.44	0.08	5.3	0.264	10.35
M399545		500	8.8	54.0	0.003	0.99	0.36	5.9	1	1.0	853	0.29	<0.05	5.4	0.135	0.60
M399546		410	11.2	66.5	0.002	1.38	0.37	7.3	1	1.3	523	0.35	<0.05	6.3	0.156	0.40
M399547		470	6.5	36.0	<0.002	0.73	0.15	4.2	2	0.7	576	0.22	<0.05	3.9	0.100	0.24
M399548		420	8.2	53.5	<0.002	0.96	0.22	5.4	1	0.8	1100	0.32	<0.05	5.0	0.136	0.29
M399549		190	2.0	0.8	<0.002	<0.01	<0.05	0.2	1	<0.2	54.6	<0.05	<0.05	<0.2	<0.005	<0.02
M399550		520	9.3	57.2	<0.002	0.75	0.33	6.4	2	1.0	721	0.32	0.07	5.5	0.146	0.36
M399551		830	7.8	49.1	0.002	0.69	0.19	5.1	1	0.8	823	0.27	<0.05	4.9	0.122	0.41
M399552		590	8.9	58.0	<0.002	1.05	0.22	5.8	2	0.9	677	0.30	0.05	5.4	0.141	0.66
M399553		750	9.3	64.8	<0.002	0.91	0.27	5.8	2	0.9	604	0.31	<0.05	5.7	0.134	0.76
M399554		690	8.8	55.1	<0.002	0.96	0.22	5.5	1	0.9	627	0.31	<0.05	5.4	0.140	0.62
M399555		430	6.8	42.6	0.002	0.72	0.22	4.1	3	0.6	891	0.22	0.06	3.8	0.096	0.75
M399556		430	4.7	29.7	<0.002	0.45	0.15	3.0	1	0.5	932	0.14	0.05	2.6	0.067	0.72
M399557		580	7.5	47.4	<0.002	0.97	0.21	4.5	1	0.7	613	0.25	<0.05	4.6	0.121	1.25
M399558		590	6.8	40.3	<0.002	0.92	0.23	4.1	1	0.6	700	0.21	<0.05	4.1	0.104	1.16
M399559		530	10.3	72.5	0.002	1.14	0.60	6.9	1	1.2	601	0.36	<0.05	6.6	0.160	2.19
M399560		770	13.2	56.0	<0.002	1.02	0.87	6.4	2	1.2	603	0.37	<0.05	6.2	0.166	1.47
M399561		170	1.7	0.9	<0.002	<0.01	<0.05	0.1	1	<0.2	51.3	<0.05	<0.05	<0.2	<0.005	<0.02
M399562		640	32.7	165.0	<0.002	0.23	0.36	18.0	1	2.8	157.0	0.91	0.13	15.2	0.399	0.97
M399563		520	15.1	165.0	<0.002	0.89	0.48	17.4	1	2.7	153.0	0.90	0.07	15.1	0.390	1.48
M399564		570	7.7	145.0	<0.002	2.72	0.44	15.5	1	2.6	138.0	0.89	0.06	13.8	0.380	1.62
M399565		260	8.7	26.2	<0.002	0.21	2.18	3.5	2	0.6	317	0.21	0.06	3.6	0.077	2.39
M399566		360	7.1	45.7	0.002	0.11	0.80	5.2	2	1.0	260	0.34	<0.05	6.1	0.134	0.74
M399567		200	5.1	34.3	<0.002	0.04	0.21	2.8	1	0.5	454	0.19	<0.05	3.5	0.072	0.21
M399568		200	5.1	34.8	<0.002	0.04	0.21	2.8	1	0.5	460	0.19	<0.05	3.5	0.075	0.21
M399569		330	5.9	59.9	<0.002	0.13	0.17	4.6	1	0.9	325	0.35	<0.05	6.1	0.129	0.33
M399570		250	7.6	48.9	<0.002	0.16	0.19	3.9	1	0.8	387	0.27	<0.05	4.9	0.104	0.29
M399571		340	8.3	63.2	<0.002	0.14	0.21	4.8	1	0.9	251	0.34	<0.05	6.3	0.131	0.35
M399602		360	9.2	85.6	0.002	2.41	8.88	9.2	1	1.3	679	0.42	<0.05	5.8	0.256	9.93

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115626

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M399537		1.4	21	0.6	7.7	24	32.7
M399538		2.2	35	0.8	11.9	38	52.1
M399539		2.5	44	1.0	13.2	54	62.5
M399540		1.9	23	0.5	7.8	27	34.8
M399541		2.3	36	0.8	11.0	45	45.3
M399542		2.9	52	1.1	14.0	75	64.2
M399543		2.3	45	0.9	11.3	55	54.9
M399544		2.3	74	5.4	15.2	49	63.5
M399545		2.0	31	0.9	9.4	39	42.9
M399546		2.0	36	0.8	11.7	55	48.9
M399547		1.6	21	0.5	7.2	26	33.6
M399548		2.0	28	0.6	8.6	31	44.6
M399549		0.6	2	0.1	0.7	18	0.5
M399550		1.9	34	0.7	9.6	43	46.1
M399551		1.6	25	0.6	10.3	29	45.0
M399552		1.8	30	0.9	10.1	36	53.1
M399553		1.8	28	0.9	10.5	39	51.3
M399554		1.7	28	0.7	10.5	33	53.7
M399555		1.7	22	0.5	7.3	29	33.8
M399556		1.2	16	0.4	5.6	21	24.6
M399557		1.6	24	0.6	8.7	30	45.2
M399558		1.5	21	0.5	8.5	24	39.7
M399559		2.2	34	0.8	10.8	44	56.0
M399560		2.2	34	0.8	12.4	43	59.5
M399561		0.9	2	0.1	0.7	16	<0.5
M399562		2.8	89	1.9	19.8	103	112.0
M399563		2.7	84	2.9	19.6	92	117.0
M399564		2.3	80	3.9	19.0	81	118.0
M399565		9.3	25	1.6	8.5	9	35.1
M399566		6.6	42	1.5	10.5	10	53.3
M399567		10.3	26	0.6	7.4	5	25.3
M399568		10.4	27	0.6	7.4	6	25.6
M399569		6.4	39	0.6	11.1	14	51.9
M399570		10.3	33	0.5	8.3	24	36.6
M399571		7.3	44	0.7	10.7	30	48.7
M399602		2.4	72	5.2	16.5	46	59.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 6-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13115626

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

INVOICE NUMBER 2939196

BILLING INFORMATION

Certificate:	**WH13115629**
Sample Type:	**Drill Core**
Account:	**RCM**
Date:	**5-JUL-2013**
Proiect:	Nadaleen
P.O. No.:	13-005
Quote:	ALSM-CW13-034-F
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
33	BAGS-B	Plastic Bags - Large	0.14	4.62
33	PREP-31	Crush, Split, Pulverize	5.22	172.26
36	ME-MS61m	ME-MS61 plus Hg by CV-AA	26.43	951.48
254.49	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.49	124.70
36	Au-AA26	Ore Grade Au 50g FA AA finish	13.83	497.88
1	LOG-22d	Sample login - Rcd w/o BarCode dup	0.42	0.42
1	PUL-31d	Pulverize Split - duplicate	3.01	3.01
33	WSH-21	"Wash" crushers	1.72	56.76
34	WSH-22	"Wash" pulverizers	2.21	75.14
2	LOG-23	Pulp Login - Rcvd with Barcode	0.42	0.84
9.73	SPL-21d	Weight Charge (kg) - Split sample - duplicate	0.27	2.63
1	SPL-21d	Split sample - duplicate	1.33	1.33

SUBTOTAL (CAD)	$	1,891.07
R100938885 GST	$	94.55
TOTAL PAYABLE (CAD)	**$**	**1,985.62**

To: **ATAC RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

CERTIFICATE WH13115625

Project: Nadaleen
P.O. No.: 13-006
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115625

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 5	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M399572		9.35	0.01	0.04	2.50	78	120	1.00	0.06	19.30	0.06	32.1	3.8	25	6.73	14.2
M399573		7.12	<0.01	0.05	2.93	110	280	1.18	0.06	16.35	0.03	33.7	6.0	28	8.73	25.2
M399574		10.69	<0.01	0.03	1.38	71	100	0.73	0.04	26.3	0.05	18.75	2.2	13	3.76	9.5
M399575		7.30	<0.01	0.06	1.12	154	40	0.53	0.03	18.55	0.02	18.75	2.8	11	2.91	7.6
M399576		11.05	<0.01	0.07	0.95	141	40	0.43	0.03	18.40	0.04	16.20	2.5	8	2.50	11.9
M399577		11.81	<0.01	0.05	0.60	127	20	0.26	0.02	20.0	<0.02	12.95	2.2	6	1.49	7.8
M399578		<0.02	<0.01	0.05	0.60	132	30	0.30	0.02	20.2	0.02	13.05	2.2	6	1.48	7.9
M399579		11.40	<0.01	0.04	1.88	254	80	0.69	0.04	17.40	0.02	21.9	2.6	19	5.40	7.0
M399580		9.50	<0.01	0.06	0.78	167	80	0.33	0.02	19.60	0.02	15.55	1.9	7	2.04	13.4
M399581		7.55	<0.01	0.06	0.67	152	30	0.29	0.02	20.0	0.02	15.35	2.4	7	1.62	17.8
M399582		10.85	0.01	0.06	1.26	176	50	0.49	0.03	17.55	0.05	18.50	3.2	11	3.24	7.2
M399583		0.21	0.48	0.10	3.62	2450	200	1.00	0.12	18.65	0.12	39.7	10.9	40	10.30	42.2
M399584		5.90	0.01	0.05	1.88	207	140	0.63	0.04	15.05	0.10	23.9	3.1	16	4.53	11.7
M399585		12.45	<0.01	0.03	2.03	168	130	0.82	0.05	24.6	0.12	24.9	2.9	19	6.33	12.9
M399586		12.81	0.19	0.07	1.69	513	90	0.66	0.05	29.1	0.09	22.2	3.2	16	3.91	11.7
M399587		12.52	0.03	0.06	4.05	619	160	1.39	0.09	15.15	0.11	44.8	5.7	38	12.35	23.0
M399588		6.36	0.60	0.19	3.86	989	140	1.33	0.10	16.70	0.13	42.3	6.5	37	12.25	24.6
M399589		2.09	0.50	0.16	3.56	1000	120	1.27	0.08	18.60	0.18	41.1	6.1	34	11.35	25.9
M399590		12.59	0.03	0.03	1.96	308	150	0.87	0.05	25.6	0.10	24.8	2.9	18	5.49	12.5
M399591		12.75	0.04	0.04	3.76	176	200	1.50	0.08	15.35	0.11	41.9	5.7	40	13.00	21.0
M399592		12.60	0.02	0.05	3.49	251	250	1.36	0.09	18.65	0.10	39.2	6.2	34	13.45	25.1
M399593		12.52	0.14	0.06	2.69	397	190	0.93	0.10	23.0	0.07	35.0	5.9	27	7.35	23.9
M399594		0.21	7.60	0.28	3.89	>10000	180	0.64	0.20	10.55	0.62	45.2	11.6	47	8.51	54.8
M399595		12.58	0.11	0.05	1.40	238	140	0.58	0.05	28.2	0.08	18.05	2.3	11	2.77	9.2
M399596		7.64	0.02	0.07	3.68	734	220	1.17	0.10	15.45	0.06	42.6	6.7	42	8.41	18.9
M399597		11.00	5.28	1.89	2.62	>10000	100	0.73	0.08	16.05	0.46	28.7	4.4	30	4.93	14.6
M399598		6.80	0.02	<0.01	0.06	33	40	0.08	0.03	20.5	0.06	1.19	0.6	<1	0.26	2.0
M399599		11.08	0.18	0.10	1.19	1680	170	0.43	0.04	24.7	0.22	15.00	2.1	10	1.99	7.0
M399600		12.27	0.05	0.05	1.07	295	100	0.49	0.04	31.4	0.14	17.20	1.8	8	1.88	6.3
M399601		11.95	<0.01	0.06	1.23	127	70	0.59	0.04	29.8	0.15	18.40	2.2	10	2.32	7.6
M399603		8.42	<0.01	0.05	2.24	197	290	0.79	0.07	22.6	0.21	29.5	3.6	20	3.81	11.0
M399604		7.25	<0.01	0.01	0.07	<5	60	0.05	0.02	21.9	0.06	1.42	0.6	<1	0.13	2.0
M399605		9.64	<0.01	0.10	3.88	303	170	1.34	0.11	11.50	0.10	44.6	6.4	44	8.61	23.4
M399606		11.13	<0.01	0.05	2.60	258	140	1.02	0.08	21.9	0.04	32.1	4.2	25	6.27	16.1
M399607		12.56	<0.01	0.05	3.40	226	230	1.08	0.10	15.70	0.07	42.6	5.7	37	8.13	21.1
M399608		11.98	<0.01	0.03	2.59	168	150	0.98	0.09	20.6	0.08	33.3	4.5	25	6.13	16.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115625

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M399572		1.33	6.28	0.12	1.2	0.27	0.014	1.27	17.3	12.8	4.87	378	0.75	0.02	4.0	8.4
M399573		1.67	7.33	0.14	1.6	0.17	0.019	1.51	17.0	17.2	6.11	528	0.45	0.02	4.7	10.7
M399574		0.58	3.54	0.11	0.7	0.11	<0.005	0.72	10.5	8.3	1.66	186	0.38	0.01	2.3	5.4
M399575		0.83	2.89	0.12	0.7	0.22	0.006	0.58	9.9	6.2	9.27	337	0.43	0.01	2.0	6.3
M399576		0.45	2.47	0.13	0.8	0.27	<0.005	0.48	9.0	6.1	10.45	244	0.71	0.01	1.8	5.4
M399577		0.64	1.49	0.13	0.4	0.31	<0.005	0.30	6.8	3.7	11.40	343	1.14	0.01	1.1	4.6
M399578		0.64	1.50	0.12	0.4	0.30	<0.005	0.30	6.9	3.7	11.55	347	1.13	0.01	1.1	4.7
M399579		1.14	4.72	0.14	1.3	0.18	0.007	0.96	11.5	10.1	9.48	412	0.59	0.02	3.1	5.8
M399580		0.74	1.92	0.11	0.6	0.14	<0.005	0.40	7.7	5.2	10.40	383	0.37	0.01	1.4	4.2
M399581		0.76	1.69	0.11	0.4	0.14	<0.005	0.33	7.6	4.3	10.50	408	0.50	0.02	1.3	4.9
M399582		0.70	3.03	0.14	0.9	0.18	<0.005	0.67	10.3	7.3	10.00	286	0.56	0.01	2.2	7.0
M399583		3.03	9.25	0.15	1.9	3.67	0.027	1.72	18.7	9.4	1.40	1200	1.52	0.02	5.9	24.7
M399584		0.91	4.65	0.12	1.3	0.19	0.008	1.00	12.7	8.8	7.48	308	0.43	0.01	3.1	7.0
M399585		0.81	5.21	0.13	1.0	0.18	0.011	1.09	13.9	10.0	2.50	245	0.41	0.01	3.3	6.7
M399586		0.75	4.24	0.12	0.8	0.82	0.007	0.88	12.6	7.1	1.34	244	0.18	0.01	2.7	7.8
M399587		1.68	10.10	0.17	2.1	0.64	0.024	2.14	23.8	25.8	3.17	240	0.33	0.02	6.7	16.4
M399588		1.28	9.64	0.16	1.9	1.09	0.023	2.02	23.4	20.3	2.35	284	0.17	0.02	6.3	17.4
M399589		1.24	8.76	0.16	1.7	0.99	0.023	1.87	22.0	18.6	2.24	282	0.18	0.02	5.7	15.9
M399590		0.81	4.92	0.14	1.0	0.16	0.008	1.05	13.7	9.6	2.08	225	0.22	0.01	3.2	7.2
M399591		1.34	9.33	0.15	2.0	0.15	0.019	2.01	22.5	24.6	2.87	220	0.28	0.02	6.2	16.0
M399592		1.26	8.80	0.16	1.6	0.13	0.016	1.85	20.8	17.9	2.18	210	0.17	0.02	5.8	17.8
M399593		1.07	6.73	0.11	1.2	0.20	0.013	1.44	17.2	11.7	1.91	227	0.21	0.02	4.3	14.5
M399594		3.00	10.65	0.13	1.9	25.4	0.037	1.75	24.8	14.2	0.36	773	3.54	0.02	5.3	26.7
M399595		0.71	3.43	0.07	0.7	0.23	0.006	0.74	9.9	4.9	1.81	214	0.35	0.01	2.2	6.5
M399596		1.55	9.31	0.12	1.7	0.27	0.015	1.98	21.8	15.2	4.11	249	0.50	0.03	5.6	16.8
M399597		1.00	7.03	0.11	1.5	4.31	0.006	1.24	14.5	15.6	1.64	525	0.74	0.01	4.4	11.0
M399598		0.46	0.20	0.08	<0.1	0.02	<0.005	0.03	0.6	1.0	12.60	201	0.09	0.01	0.2	1.6
M399599		0.57	2.92	0.13	1.1	1.87	<0.005	0.65	7.7	6.4	2.13	253	0.71	0.01	2.1	4.9
M399600		0.59	2.79	0.12	0.7	0.67	<0.005	0.59	9.2	6.6	2.09	226	0.54	0.01	1.9	4.5
M399601		0.51	3.12	0.15	0.8	0.17	<0.005	0.69	9.9	8.5	1.75	120	0.60	0.01	2.1	5.4
M399603		0.99	5.57	0.13	1.3	0.1	<0.005	1.26	14.6	14.1	2.71	172	0.74	0.02	3.5	10.1
M399604		0.49	0.21	0.10	<0.1	<0.01	<0.005	0.03	0.7	1.0	13.15	216	0.10	0.01	0.2	1.6
M399605		1.78	9.92	0.15	1.9	0.19	0.014	2.18	21.9	26.1	5.25	219	0.74	0.03	5.8	18.2
M399606		1.28	6.66	0.17	1.3	0.07	0.009	1.39	16.2	28.8	2.90	192	0.51	0.02	4.1	12.2
M399607		1.64	8.80	0.14	1.8	0.05	0.015	1.70	22.4	71.5	3.18	201	0.53	0.03	5.3	16.6
M399608		1.21	6.69	0.11	1.4	0.04	0.008	1.33	16.6	55.7	3.12	210	0.35	0.03	4.1	12.1

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ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115625

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399572		320	7.9	48.2	0.002	0.34	0.24	4.2	2	0.8	338	0.30	<0.05	5.2	0.117	0.44
M399573		390	8.9	56.5	<0.002	0.17	0.24	4.7	2	0.9	235	0.35	<0.05	6.1	0.141	0.41
M399574		190	4.8	28.1	<0.002	0.10	0.12	2.4	1	0.5	579	0.17	<0.05	2.8	0.064	0.21
M399575		210	6.8	21.0	<0.002	0.03	0.26	2.0	1	0.4	193.0	0.15	<0.05	2.6	0.057	0.27
M399576		200	6.5	16.9	<0.002	0.04	0.22	1.7	1	0.3	181.5	0.13	<0.05	2.3	0.048	0.28
M399577		150	7.0	10.0	<0.002	0.12	0.29	1.1	1	0.2	154.5	0.08	<0.05	1.4	0.030	0.24
M399578		160	6.9	9.9	<0.002	0.11	0.27	1.1	1	0.2	154.0	0.08	<0.05	1.4	0.031	0.24
M399579		280	6.4	35.1	<0.002	0.16	0.50	3.2	1	0.6	186.0	0.23	<0.05	4.2	0.093	0.46
M399580		140	4.7	13.2	<0.002	0.04	0.53	1.3	1	0.3	218	0.10	<0.05	1.7	0.039	0.24
M399581		130	6.5	11.1	<0.002	0.05	0.62	1.2	<1	0.3	201	0.09	<0.05	1.6	0.036	0.20
M399582		230	8.0	22.6	<0.002	0.14	0.58	2.1	2	0.4	139.0	0.16	<0.05	2.9	0.063	0.48
M399583		400	8.6	77.2	0.002	2.60	9.15	9.2	1	1.3	729	0.44	0.06	5.5	0.269	10.20
M399584		270	7.9	35.5	<0.002	0.16	0.63	3.1	2	0.6	160.0	0.23	<0.05	4.0	0.090	0.61
M399585		290	13.3	41.0	<0.002	0.23	0.26	3.5	1	0.7	631	0.24	<0.05	4.2	0.097	0.32
M399586		210	7.8	34.6	<0.002	0.38	1.78	2.9	1	0.5	660	0.19	<0.05	3.3	0.078	2.69
M399587		480	10.7	83.1	<0.002	0.63	1.20	6.5	2	1.3	328	0.49	<0.05	8.5	0.197	1.63
M399588		590	7.3	79.8	<0.002	0.39	3.81	6.4	2	1.3	300	0.45	<0.05	7.6	0.181	4.29
M399589		530	7.1	73.5	<0.002	0.38	2.92	6.0	2	1.2	322	0.42	<0.05	7.0	0.167	3.25
M399590		260	8.1	40.8	<0.002	0.04	0.54	3.3	1	0.6	555	0.24	<0.05	4.2	0.096	0.56
M399591		440	11.0	81.3	<0.002	0.09	0.63	6.1	2	1.2	304	0.46	<0.05	8.1	0.183	0.68
M399592		580	6.9	76.5	<0.002	0.10	0.53	5.8	2	1.2	396	0.43	<0.05	7.1	0.165	0.54
M399593		410	7.8	61.2	<0.002	0.12	1.16	4.5	2	0.9	461	0.33	<0.05	6.1	0.131	0.81
M399594		540	18.8	87.8	0.003	3.59	109.5	9.0	2	1.8	444	0.41	0.14	7.4	0.227	65.0
M399595		180	5.5	27.2	<0.002	0.04	0.86	2.3	3	0.5	667	0.17	<0.05	3.2	0.069	0.59
M399596		500	7.2	83.1	<0.002	0.14	0.96	6.0	3	1.2	355	0.42	<0.05	8.5	0.184	0.99
M399597		420	11.4	58.8	<0.002	2.53	101.5	4.8	4	0.8	467	0.34	<0.05	6.6	0.132	17.15
M399598		170	1.2	1.9	<0.002	0.01	0.14	0.2	2	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	0.03
M399599		240	9.0	26.8	<0.002	0.33	10.25	2.0	4	0.4	651	0.16	<0.05	3.2	0.062	7.67
M399600		190	7.9	23.4	<0.002	0.10	2.31	1.9	4	0.3	1360	0.14	<0.05	3.0	0.057	1.90
M399601		250	8.0	27.9	0.002	0.10	0.46	2.1	6	0.4	2030	0.15	<0.05	3.3	0.066	0.55
M399603		350	8.0	53.3	<0.002	0.20	1.20	3.5	4	0.7	853	0.27	<0.05	5.5	0.115	0.65
M399604		190	1.9	1.3	<0.002	<0.01	0.08	0.2	2	<0.2	48.4	<0.05	<0.05	0.2	<0.005	<0.02
M399605		500	16.8	103.5	0.002	0.37	1.07	6.3	3	1.3	262	0.46	<0.05	9.1	0.191	1.07
M399606		320	7.6	74.0	<0.002	0.09	0.50	4.5	1	0.9	545	0.30	<0.05	6.0	0.128	0.57
M399607		460	7.8	94.7	<0.002	0.07	0.45	5.7	2	1.1	379	0.42	<0.05	8.1	0.170	0.62
M399608		330	6.7	73.0	<0.002	0.08	0.46	4.4	2	0.9	469	0.32	<0.05	6.3	0.130	0.64

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115625

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
M399572		7.8	41	0.8	10.0	24	43.7	
M399573		4.8	46	0.8	11.4	17	54.7	
M399574		8.2	23	0.3	5.7	15	25.1	
M399575		5.6	20	0.5	5.5	9	22.7	
M399576		5.2	19	0.5	4.9	9	24.5	
M399577		3.9	11	0.4	4.0	2	11.7	
M399578		3.9	12	0.4	4.0	3	11.2	
M399579		4.2	29	0.8	7.4	5	43.8	
M399580		3.9	14	0.3	4.9	4	18.7	
M399581		4.2	14	0.3	5.0	4	14.8	
M399582		5.6	23	0.6	5.5	17	29.0	
M399583		2.3	73	5.1	16.3	48	66.0	
M399584		5.9	29	0.8	7.6	37	41.7	
M399585		10.3	32	0.6	7.7	65	37.4	
M399586		11.6	26	1.2	7.4	25	28.7	
M399587		6.7	57	1.5	13.9	39	74.3	
M399588		5.9	53	1.5	13.6	45	64.8	
M399589		5.4	49	1.4	12.9	56	59.8	
M399590		10.6	30	0.6	7.8	29	36.1	
M399591		6.7	54	1.1	13.1	51	68.0	
M399592		7.2	49	1.4	12.4	43	55.6	
M399593		7.0	41	1.2	10.3	24	40.2	
M399594		4.4	65	8.6	21.3	133	60.3	3.16
M399595		11.1	22	0.7	5.6	23	22.6	
M399596		7.3	57	1.5	11.8	32	56.6	
M399597		14.6	43	3.1	9.7	60	52.2	2.86
M399598		0.6	2	0.1	0.7	16	<0.5	
M399599		12.1	20	1.3	5.8	32	33.7	
M399600		11.1	21	0.9	5.3	22	22.9	
M399601		12.6	25	0.8	5.5	25	24.5	
M399603		7.9	38	0.8	8.4	53	40.0	
M399604		0.6	2	0.1	0.8	16	0.6	
M399605		5.3	63	1.3	12.6	46	64.0	
M399606		8.8	44	0.7	8.9	40	37.5	
M399607		6.2	57	0.6	12.2	51	57.6	
M399608		8.7	42	0.6	9.6	42	42.2	

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13115625

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

CERTIFICATE WH13118112

Project: Nadaleen
P.O. No.: 13-007
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118112

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M399609		4.93	0.04	0.16	3.41	1980	140	1.09	0.09	18.20	0.10	40.7	6.1	36	7.49	21.9
M399610		3.56	11.95	12.20	3.47	>10000	140	0.86	0.14	3.22	1.02	46.8	7.3	54	5.93	26.6
M399611		6.94	<0.01	0.04	0.07	161	30	<0.05	0.69	21.3	0.06	1.57	0.9	<1	0.27	2.3
M399612		6.06	0.32	0.20	2.94	2200	120	0.94	0.09	19.50	0.10	35.8	5.4	33	5.94	21.8
M399613		10.04	<0.01	0.02	3.81	277	170	1.42	0.11	13.40	0.12	44.3	7.1	40	9.62	26.0
M399614		9.14	<0.01	0.05	4.02	1270	250	1.33	0.12	11.65	0.09	48.2	7.4	47	7.78	24.8
M399615		9.53	<0.01	0.04	3.10	440	130	1.04	0.09	19.60	0.10	37.1	5.7	32	5.06	23.7
M399616		<0.02	<0.01	0.03	2.98	429	130	1.20	0.10	18.70	0.09	36.7	5.5	31	4.88	22.7
M399617		10.13	<0.01	0.03	1.50	112	670	0.64	0.05	26.2	0.27	21.2	3.2	17	2.47	12.1
M399618		10.76	<0.01	0.04	2.43	178	110	0.83	0.08	24.9	0.22	29.9	4.6	26	3.37	14.7
M399619		10.60	<0.01	0.08	3.11	106	210	1.00	0.08	18.55	0.12	36.8	5.7	32	3.06	19.7
M399620		11.48	<0.01	0.06	3.52	72	150	1.12	0.11	17.25	0.09	39.5	7.4	33	3.22	28.1
M399621		11.15	<0.01	0.06	2.58	47	130	0.82	0.09	23.1	0.13	30.6	5.1	26	2.02	21.1
M399622		0.26	0.49	0.14	3.71	2610	210	0.83	0.13	18.80	0.13	37.3	11.5	43	10.65	44.0
M399623		7.71	<0.01	0.12	2.73	34	110	1.06	0.08	22.1	0.50	32.9	6.9	27	2.28	19.3
M399624		8.66	<0.01	0.23	7.22	49.4	460	2.14	0.29	4.38	0.16	76.3	31.5	62	7.18	154.5
M399625		10.91	<0.01	0.07	8.26	20.8	350	2.43	0.27	3.04	0.17	87.9	14.8	69	15.90	27.7
M399626		3.44	<0.01	0.09	10.05	10.6	470	2.78	0.39	0.17	0.03	72.9	20.8	70	13.05	45.0
M399627		8.34	<0.01	0.09	10.30	9.7	380	2.66	0.39	0.17	0.05	99.4	21.0	75	13.30	48.4
M399628		8.03	<0.01	0.03	10.55	8.1	580	3.60	0.41	0.16	0.02	74.0	23.4	77	13.45	55.2
M399629		5.85	<0.01	0.08	10.40	10.4	390	2.74	0.39	0.10	0.03	97.6	21.8	76	13.35	51.0
M399630		6.85	<0.01	<0.01	0.07	<5	30	0.05	0.04	21.5	0.07	1.40	1.3	<1	0.18	1.6
M399631		8.98	<0.01	0.14	8.87	26.3	390	2.38	0.33	0.48	0.03	91.0	22.6	66	11.05	42.2
M399632		10.95	<0.01	0.07	9.58	7.9	380	2.55	0.37	0.23	<0.02	94.2	19.8	69	12.80	41.6
M399633		10.84	<0.01	0.06	9.37	11.6	350	2.38	0.36	0.26	<0.02	96.1	17.9	66	12.25	41.5
M399634		9.63	<0.01	0.07	10.10	5.4	390	2.38	0.36	0.22	<0.02	87.9	19.2	76	13.15	47.4
M399635		0.26	0.50	0.13	3.76	2610	210	0.76	0.14	19.10	0.13	37.0	10.9	41	10.70	43.2
M399636		9.16	<0.01	0.07	9.87	11.4	430	2.32	0.39	0.24	<0.02	84.3	19.2	74	11.75	48.6
M399637		11.12	<0.01	0.05	10.10	22.8	390	2.40	0.40	0.30	0.02	94.9	22.1	75	10.95	49.0
M399638		10.41	<0.01	0.06	9.56	15.6	430	2.28	0.39	0.40	0.03	96.5	20.0	71	10.75	45.0
M399639		6.91	<0.01	0.07	9.44	7.6	360	2.35	0.38	0.56	0.03	102.5	20.1	70	10.80	46.9
M399640		12.48	<0.01	0.08	9.08	17.9	350	2.29	0.38	0.73	0.03	93.6	21.3	69	10.10	44.0
M399641		11.94	<0.01	0.06	8.54	18.1	330	2.05	0.34	0.86	0.03	91.4	18.7	62	9.61	38.1
M399642		6.08	<0.01	0.05	9.53	21.8	390	2.48	0.38	0.94	0.04	96.0	19.9	70	11.40	41.4
M399643		1.91	<0.01	0.04	9.16	21.1	520	2.41	0.35	0.91	0.09	97.0	19.7	64	11.35	40.4
M399644		5.71	<0.01	0.08	8.17	33.0	360	2.11	0.32	1.58	0.03	91.4	18.2	68	10.95	33.6

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VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118112

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M399609		1.61	9.08	0.08	1.8	1.3	0.026	1.81	21.0	22.9	2.86	259	0.39	0.03	5.8	17.1
M399610		1.92	9.99	0.14	1.9	48.0	0.057	1.77	23.8	19.9	0.80	241	0.80	0.01	6.4	17.4
M399611		0.48	0.28	0.19	<0.1	0.3	0.009	0.03	0.8	1.6	13.35	219	0.13	0.01	0.3	1.7
M399612		1.35	7.66	0.15	1.6	1.7	0.021	1.54	19.3	16.0	2.89	291	0.29	0.02	5.0	14.2
M399613		1.86	10.30	0.14	1.9	0.1	0.029	1.95	23.9	60.4	3.85	260	0.44	0.04	6.6	18.9
M399614		2.03	10.95	0.18	2.1	0.04	0.036	1.88	24.8	67.1	4.71	282	0.65	0.05	7.0	19.4
M399615		1.37	8.38	0.17	1.5	<0.1	0.027	1.20	19.9	41.7	2.91	268	0.33	0.03	5.1	14.9
M399616		1.31	8.08	0.18	1.5	<0.1	0.024	1.17	19.4	40.7	2.78	259	0.33	0.03	5.2	13.6
M399617		0.73	4.25	0.13	0.8	<0.1	0.010	0.50	11.7	20.9	1.43	311	0.34	0.02	2.7	7.8
M399618		1.11	6.30	0.14	1.3	<0.1	0.016	0.92	16.2	58.7	2.38	459	0.38	0.02	4.2	11.2
M399619		1.47	8.28	0.10	1.7	<0.1	0.029	1.01	19.2	49.3	3.16	617	0.41	0.03	6.0	14.9
M399620		1.66	9.99	0.12	1.7	0.04	0.034	1.15	21.1	51.9	3.46	906	0.36	0.04	6.6	19.2
M399621		1.28	7.27	0.09	1.2	<0.1	0.025	0.76	16.7	37.0	2.33	1520	0.37	0.03	5.2	14.6
M399622		3.03	10.20	0.13	1.9	4.0	0.042	1.80	18.8	9.8	1.45	1210	1.54	0.02	7.1	26.3
M399623		1.17	7.50	0.09	1.3	<0.1	0.025	0.90	17.8	38.6	2.43	2350	0.52	0.03	5.2	16.0
M399624		3.64	19.85	0.19	2.9	0.02	0.062	2.46	41.4	85.1	3.30	1320	3.22	0.05	12.7	55.7
M399625		4.04	23.3	0.21	3.1	<0.1	0.066	3.11	48.4	76.5	2.80	876	0.13	0.10	14.9	57.7
M399626		4.51	28.3	0.22	3.4	0.04	0.084	3.31	32.8	145.5	0.50	3480	0.30	0.22	13.3	52.8
M399627		4.77	27.1	0.24	3.5	0.04	0.078	3.39	49.5	141.5	0.58	4410	0.41	0.24	13.1	52.3
M399628		4.39	30.6	0.21	3.7	0.03	0.089	3.34	32.9	142.5	0.78	2020	0.20	0.24	14.7	65.5
M399629		4.69	28.6	0.26	3.4	0.03	0.081	3.31	48.8	151.0	0.69	1700	0.29	0.27	14.3	51.2
M399630		0.49	0.26	<0.05	<0.1	<0.1	0.005	0.03	0.7	1.3	13.25	219	0.07	<0.01	0.3	3.7
M399631		4.68	24.5	0.23	3.2	<0.1	0.074	2.77	48.5	131.5	1.12	2280	1.46	0.23	12.6	43.7
M399632		4.80	26.6	0.25	3.5	<0.1	0.080	3.13	49.5	106.0	1.44	866	0.18	0.25	13.9	43.4
M399633		4.42	25.5	0.24	3.5	0.01	0.081	3.07	49.7	109.0	1.26	1100	0.35	0.26	14.0	39.9
M399634		5.31	27.3	0.25	3.5	0.04	0.083	3.15	43.9	148.0	1.13	1140	0.25	0.28	14.9	45.0
M399635		3.12	9.84	0.12	1.9	3.70	0.041	1.75	18.3	8.0	1.46	1200	1.62	0.02	7.1	24.5
M399636		4.76	26.5	0.23	3.4	0.04	0.086	3.09	42.4	150.0	1.20	734	0.29	0.25	14.2	44.4
M399637		4.85	28.0	0.24	3.4	0.02	0.083	3.15	47.8	141.0	1.45	1120	0.54	0.23	14.7	47.4
M399638		4.58	26.1	0.24	3.4	0.03	0.076	3.04	49.7	120.5	1.34	571	0.27	0.22	13.7	42.2
M399639		5.14	26.2	0.26	3.6	0.03	0.083	2.92	52.5	153.5	1.43	1560	0.29	0.23	14.5	42.5
M399640		4.85	25.3	0.25	3.3	0.03	0.075	2.95	47.8	160.0	1.33	1370	0.46	0.22	13.1	41.0
M399641		4.31	22.4	0.24	3.1	0.03	0.067	2.59	48.4	145.5	1.22	1020	0.32	0.20	11.6	37.6
M399642		4.30	26.0	0.26	3.3	0.03	0.076	3.14	49.2	136.5	1.28	666	0.34	0.23	13.3	42.4
M399643		4.08	24.7	0.25	3.2	0.04	0.077	2.91	51.0	132.0	1.22	655	0.30	0.21	12.8	39.5
M399644		3.53	23.0	0.25	3.3	0.23	0.070	2.98	48.5	103.0	0.94	416	0.37	0.19	12.2	36.2

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Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399609		440	11.3	92.0	<0.002	0.47	7.48	5.4	2	1.2	423	0.45	<0.05	8.4	0.177	4.44
M399610		610	17.7	91.3	<0.002	9.32	3500	4.0	7	1.4	422	0.49	0.85	9.7	0.194	95.9
M399611		190	1.7	1.6	<0.002	0.02	1.73	0.2	1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	0.06
M399612		400	9.0	76.4	<0.002	0.45	11.05	4.6	2	1.0	426	0.39	<0.05	7.1	0.152	9.17
M399613		440	8.1	101.0	<0.002	0.13	0.77	6.2	2	1.4	273	0.50	<0.05	9.5	0.195	0.78
M399614		470	10.6	94.1	<0.002	0.04	1.21	6.5	2	1.5	297	0.53	<0.05	10.1	0.203	0.85
M399615		380	7.8	56.0	<0.002	0.07	0.47	4.9	2	1.1	452	0.39	<0.05	7.4	0.152	0.48
M399616		360	7.4	55.5	<0.002	0.07	0.53	4.8	2	1.1	431	0.39	<0.05	7.1	0.148	0.46
M399617		320	6.7	25.0	<0.002	0.18	0.38	2.6	1	0.6	803	0.23	<0.05	3.9	0.073	0.26
M399618		390	8.3	42.0	0.002	0.08	0.39	3.8	2	0.9	840	0.32	<0.05	6.0	0.124	0.28
M399619		450	9.3	45.1	<0.002	0.15	0.25	4.8	2	1.2	496	0.41	<0.05	7.2	0.152	0.31
M399620		380	8.2	50.1	<0.002	0.07	0.17	5.8	2	1.5	445	0.46	<0.05	7.8	0.165	0.29
M399621		310	8.6	33.5	<0.002	0.08	0.20	4.1	2	1.1	602	0.35	<0.05	5.8	0.126	0.19
M399622		400	9.0	80.5	<0.002	2.65	10.10	8.7	2	1.6	749	0.46	0.07	6.0	0.277	10.95
M399623		320	17.5	37.0	<0.002	0.14	0.25	4.3	2	1.1	614	0.36	<0.05	6.3	0.132	0.22
M399624		510	36.3	98.6	0.002	0.07	0.35	12.3	2	2.6	234	0.90	<0.05	15.2	0.318	0.54
M399625		520	8.6	141.5	<0.002	0.01	0.28	14.3	1	2.9	144.5	1.04	<0.05	17.1	0.346	0.70
M399626		720	20.9	148.5	<0.002	0.01	1.48	17.7	1	3.0	148.5	0.98	0.12	13.5	0.403	0.86
M399627		770	24.1	156.0	<0.002	0.03	1.29	17.4	1	2.9	130.0	0.97	0.11	16.1	0.422	0.89
M399628		740	18.2	145.0	<0.002	0.02	1.18	21.3	1	3.3	188.0	1.06	0.13	14.1	0.442	0.86
M399629		640	23.7	152.0	<0.002	0.02	0.83	19.1	1	3.1	135.5	0.98	0.10	16.3	0.443	0.83
M399630		160	1.4	1.4	<0.002	<0.01	<0.05	0.2	1	<0.2	54.4	<0.05	<0.05	<0.2	<0.005	<0.02
M399631		870	25.0	135.5	<0.002	0.13	2.88	16.4	1	2.8	117.0	0.87	0.07	14.5	0.407	0.76
M399632		580	18.7	155.0	<0.002	0.05	0.71	17.7	1	2.9	120.0	0.98	0.09	16.1	0.440	0.82
M399633		650	18.0	150.0	<0.002	0.11	1.03	17.0	1	2.9	116.0	0.98	0.09	15.8	0.427	0.82
M399634		540	32.3	143.5	<0.002	0.06	0.59	18.3	1	3.0	125.0	1.01	0.09	14.5	0.467	0.79
M399635		400	8.8	79.5	0.002	2.62	9.72	8.4	1	1.5	758	0.46	0.07	5.6	0.274	10.55
M399636		600	19.2	141.0	<0.002	0.09	0.74	17.5	1	3.0	129.0	1.02	0.09	14.7	0.460	0.82
M399637		520	33.9	140.0	<0.002	0.19	1.49	18.1	1	3.1	185.0	1.06	0.11	15.1	0.449	0.79
M399638		640	19.7	133.5	<0.002	0.32	0.65	17.2	1	2.9	216	1.00	0.09	15.7	0.444	0.75
M399639		820	27.7	136.0	<0.002	0.18	0.63	17.6	1	3.0	164.0	1.04	0.10	16.1	0.439	0.72
M399640		920	21.5	130.5	<0.002	0.18	0.96	16.7	1	2.7	190.0	0.95	0.09	14.8	0.414	0.72
M399641		960	19.3	122.0	<0.002	0.21	0.76	15.4	1	2.4	260	0.83	0.09	14.1	0.378	0.62
M399642		900	22.2	141.0	<0.002	0.33	0.57	17.7	1	2.7	242	0.93	0.09	15.3	0.419	0.78
M399643		900	24.5	139.0	<0.002	0.28	0.58	17.5	1	2.7	234	0.90	0.09	15.1	0.403	0.76
M399644		350	30.3	134.5	<0.002	2.30	1.20	15.5	1	2.6	194.0	0.86	0.06	14.8	0.368	1.51

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118112

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M399609		10.3	54	2.2	12.5	58	62.3	
M399610		18.5	63	4.6	7.5	104	58.8	15.95
M399611		0.6	2	0.1	0.8	19	0.5	
M399612		9.7	47	2.1	11.1	53	52.5	
M399613		5.9	53	0.8	13.1	63	64.7	
M399614		8.8	66	0.9	14.5	67	74.5	
M399615		8.2	44	0.7	11.4	49	51.3	
M399616		7.8	42	0.6	11.1	47	50.8	
M399617		7.9	23	0.4	6.9	29	28.7	
M399618		9.1	38	0.5	9.1	40	44.4	
M399619		8.3	47	0.7	12.5	51	60.0	
M399620		7.4	50	0.7	12.9	56	55.5	
M399621		9.9	39	0.6	10.7	46	42.1	
M399622		2.4	78	5.4	17.2	49	66.6	
M399623		10.7	41	0.6	11.0	74	45.2	
M399624		6.4	75	1.3	19.0	121	93.4	
M399625		2.8	52	1.3	20.7	108	103.0	
M399626		3.4	97	2.3	19.3	100	109.0	
M399627		3.5	100	2.2	23.0	107	108.0	
M399628		3.5	111	2.3	20.4	111	118.0	
M399629		3.4	112	1.9	23.4	104	112.5	
M399630		0.6	1	0.1	0.9	18	0.6	
M399631		3.0	97	1.5	22.1	91	105.5	
M399632		3.0	102	1.7	21.9	97	115.0	
M399633		3.1	99	1.7	22.3	87	115.5	
M399634		3.0	110	1.7	20.9	113	117.0	
M399635		2.3	77	5.4	16.7	48	65.2	
M399636		3.2	110	1.7	20.6	87	113.0	
M399637		3.3	107	1.8	21.5	105	111.5	
M399638		3.1	103	1.7	21.3	92	106.5	
M399639		3.3	102	1.8	24.1	101	115.5	
M399640		3.0	99	1.6	22.8	104	107.0	
M399641		3.0	89	1.5	22.3	88	102.5	
M399642		3.1	102	1.7	22.6	96	109.5	
M399643		3.0	95	1.7	22.2	132	104.0	
M399644		2.9	83	1.7	17.2	87	107.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118112

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-JUL-2013
Account: RCM

CERTIFICATE WH13118113

Project: Nadaleen
P.O. No.: 13-008
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **Corrected Copy for Au-AA26 and ME-MS61 on Samples M397513, M397515, M397523, and M397525**

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118113

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M397509		7.21	0.14	0.05	1.73	173	70	0.58	0.05	27.9	0.21	20.2	3.1	17	5.06	8.3
M397510		7.18	0.46	0.05	2.29	332	80	0.75	0.06	24.4	0.15	28.0	4.0	20	7.19	15.0
M397511		0.25	7.68	0.29	4.03	>10000	190	0.70	0.18	10.45	0.70	42.2	12.8	42	9.32	59.0
M397512		4.45	1.71	0.11	2.38	>10000	80	0.78	0.08	18.30	0.33	22.9	5.2	23	6.31	20.8
M397513		8.42	2.00	0.11	2.47	>10000	70	0.79	0.08	18.35	0.27	34.8	4.4	24	6.31	21.5
M397514		4.80	2.05	0.07	1.70	7070	40	0.61	0.05	20.9	0.13	22.0	3.0	14	4.65	11.9
M397515		5.14	0.01	0.01	0.06	34.0	40	0.07	0.02	21.7	0.08	1.37	1.3	<1	0.14	1.7
M397516		6.97	2.49	0.12	3.29	>10000	110	1.25	0.09	9.40	0.21	41.5	6.8	33	11.15	23.0
M397517		5.03	1.64	0.15	4.18	1300	130	1.76	0.09	12.55	0.09	42.9	8.2	37	16.75	24.7
M397518		8.24	1.49	0.10	4.43	4250	130	1.47	0.11	10.60	0.18	43.8	8.3	41	16.30	29.9
M397519		8.19	0.68	0.09	3.75	2790	120	1.27	0.12	8.21	0.13	48.5	5.7	43	11.50	20.5
M397520		8.33	0.39	0.08	2.34	1930	130	0.75	0.06	14.30	0.10	29.2	4.3	26	6.57	13.3
M397521		7.34	0.70	0.06	1.22	2930	70	0.34	0.04	16.95	0.16	15.70	2.3	14	2.73	8.4
M397522		8.10	0.41	0.07	1.00	609	50	0.35	0.03	19.10	0.12	15.35	2.6	12	2.52	6.9
M397523		5.44	<0.01	0.01	0.10	<5.0	70	0.10	0.20	21.5	0.08	1.40	0.8	<1	0.65	3.0
M397524		7.84	0.25	0.04	1.19	475	50	0.45	0.04	18.35	0.08	18.90	2.2	13	3.16	6.0
M397525		8.23	0.35	0.11	1.09	374	30	0.53	0.05	19.65	0.06	14.75	2.4	10	3.36	7.5
M397526		9.30	0.03	0.12	1.40	390	40	0.70	0.05	17.40	0.03	19.85	2.8	14	4.86	9.4
M397527		8.52	0.03	0.13	2.58	598	110	1.21	0.08	15.10	0.03	27.7	4.7	27	11.35	16.2
M397528		3.39	0.02	0.13	2.69	214	100	1.40	0.07	14.55	0.20	27.8	4.4	28	11.70	15.8
M397529		9.02	0.12	0.06	0.61	809	20	0.29	0.03	19.00	0.08	9.29	1.4	5	1.26	5.4
M397530		9.14	0.11	0.07	0.96	243	30	0.45	0.04	20.0	0.16	13.30	2.0	9	2.52	7.2
M397531		8.26	0.05	0.16	2.63	189	80	0.88	0.08	13.05	0.03	29.2	4.4	27	7.41	16.3
M397532		8.96	0.03	0.13	3.33	163	130	0.95	0.09	10.80	0.03	33.6	4.6	34	8.50	20.6
M397533		8.32	0.18	0.12	1.56	591	130	0.46	0.05	15.00	0.04	23.2	2.7	16	3.34	11.0
M397534		<0.02	0.18	0.10	1.55	518	130	0.47	0.04	14.85	0.03	22.8	2.7	15	3.30	10.9
M397535		8.61	0.17	0.15	0.90	2580	50	0.29	0.03	16.45	0.03	16.35	1.7	9	1.88	7.8
M397536		9.06	0.03	0.12	0.98	122	50	0.42	0.04	19.30	<0.02	13.50	2.0	9	2.54	6.4
M397537		7.76	0.08	0.05	0.79	268	50	0.40	0.03	19.40	0.02	12.30	1.6	7	1.87	5.7
M397538		8.59	0.08	0.08	1.30	1200	80	0.48	0.05	18.10	0.05	18.00	2.6	13	3.05	9.3
M397539		7.90	0.11	0.06	1.14	308	70	0.40	0.04	16.20	0.05	20.1	1.9	14	2.41	5.8
M397540		7.76	0.05	0.05	1.69	185	100	0.56	0.06	14.30	0.04	23.7	2.8	20	3.00	8.1
M397541		2.82	0.21	0.10	2.59	655	130	0.76	0.08	11.40	0.09	29.5	5.0	32	4.62	15.5
M397542		4.83	0.71	0.19	1.94	>10000	80	0.47	0.10	3.81	0.22	23.8	3.6	26	3.29	16.7
M397543		0.25	7.61	0.28	3.89	>10000	190	0.62	0.20	10.60	0.68	44.6	12.5	48	9.06	55.9
M397544		5.90	1.05	0.08	4.17	1490	170	1.01	0.11	5.79	0.19	52.7	6.8	46	7.93	25.1

Comments: **Corrected Copy for Au-AA26 and ME-MS61 on Samples M397513, M397515, M397523, and M397525**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118113

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M397509		0.76	4.59	0.07	1.2	2.1	0.017	0.89	11.8	5.5	2.00	342	0.51	0.02	3.4	8.6
M397510		0.91	6.09	0.09	1.7	3.6	0.020	1.22	15.2	8.1	1.73	372	0.55	0.01	4.4	10.8
M397511		3.14	11.60	0.15	2.0	28.7	0.049	1.75	23.3	14.2	0.37	751	3.51	0.02	6.6	28.3
M397512		1.08	6.64	0.08	1.4	17.4	0.029	1.23	12.4	11.3	2.89	824	0.96	0.01	4.3	13.1
M397513		1.12	6.73	0.10	1.4	13.5	0.033	1.25	19.9	10.9	2.58	1450	0.55	0.01	4.4	11.9
M397514		1.06	4.80	0.07	1.0	12.1	0.021	0.85	12.7	7.4	4.99	1040	0.70	0.01	3.2	7.7
M397515		0.49	0.23	<0.05	<0.1	0.01	0.006	0.02	0.7	0.9	13.20	215	5.67	<0.01	0.4	3.8
M397516		1.41	9.32	0.12	2.2	34.4	0.027	1.65	21.7	20.0	3.07	736	0.99	0.02	6.1	16.6
M397517		1.61	11.45	0.12	2.6	22.5	0.031	2.24	22.2	26.5	3.36	675	1.24	0.02	7.2	21.6
M397518		1.96	12.20	0.12	2.2	75.2	0.034	2.32	23.7	25.6	3.39	648	0.56	0.02	7.4	21.6
M397519		1.20	10.25	0.09	2.1	10.1	0.024	2.07	25.3	21.6	3.56	477	0.98	0.02	6.2	14.8
M397520		1.00	6.52	0.12	1.1	2.5	0.018	1.25	16.8	12.0	7.83	706	0.79	0.01	3.8	10.8
M397521		0.77	3.23	0.15	0.6	2.2	0.013	0.58	8.7	7.7	8.76	1020	0.59	0.01	1.9	6.0
M397522		1.47	2.59	0.11	0.7	1.4	0.014	0.46	8.0	5.5	10.55	1040	0.49	0.01	1.8	6.4
M397523		0.50	0.33	0.21	<0.1	<0.1	0.007	0.04	0.7	1.9	13.55	225	0.18	0.01	0.3	2.0
M397524		1.38	3.12	0.13	1.0	0.9	0.016	0.57	9.7	6.1	10.45	1040	0.37	0.01	2.1	5.2
M397525		1.00	2.75	0.14	0.8	1.2	0.013	0.55	7.9	6.6	11.70	691	1.07	0.02	1.9	5.8
M397526		1.04	3.77	0.20	1.2	1.5	0.012	0.74	10.2	9.4	10.40	611	1.04	0.02	2.5	7.0
M397527		1.32	7.03	0.21	1.7	0.6	0.024	1.38	14.9	16.9	9.12	552	1.21	0.02	4.6	11.8
M397528		1.32	7.24	0.18	1.7	1.1	0.022	1.43	14.9	17.1	9.16	531	1.21	0.02	4.6	11.3
M397529		0.86	1.65	0.17	0.5	<1	0.009	0.31	5.3	3.9	11.55	742	0.53	0.02	1.0	3.2
M397530		1.01	2.52	0.18	0.6	0.7	0.008	0.48	7.6	6.2	12.05	782	0.70	0.02	1.7	4.5
M397531		1.10	6.73	0.21	2.0	0.5	0.018	1.28	15.9	16.0	7.84	441	1.67	0.02	4.8	10.3
M397532		1.24	8.49	0.27	3.0	0.9	0.026	1.64	17.5	17.0	5.99	348	0.80	0.02	6.4	11.1
M397533		1.08	3.98	0.16	1.6	1.6	0.015	0.77	11.9	7.9	9.06	556	0.48	0.02	3.0	6.0
M397534		1.05	3.87	0.18	1.5	1.7	0.015	0.77	11.6	7.7	8.97	544	0.47	0.02	2.9	6.0
M397535		0.86	2.39	0.23	1.0	0.9	0.010	0.44	8.6	5.0	9.99	675	0.54	0.02	1.8	3.9
M397536		1.07	2.67	0.18	0.8	0.7	0.009	0.49	7.4	6.1	11.50	763	0.95	0.02	1.6	4.7
M397537		1.12	2.13	0.20	0.7	0.4	0.010	0.39	6.8	5.1	11.25	760	0.71	0.02	1.4	3.5
M397538		1.37	3.62	0.16	1.0	0.7	0.014	0.66	9.8	7.2	10.45	861	1.04	0.02	2.3	6.3
M397539		1.46	2.99	0.15	1.1	0.9	0.011	0.55	10.8	6.6	9.32	717	0.73	0.01	2.0	4.3
M397540		1.11	4.40	0.18	1.7	1.0	0.013	0.82	12.1	8.6	8.71	506	0.55	0.01	3.0	6.6
M397541		1.30	6.96	0.17	1.9	3.3	0.023	1.33	15.7	12.0	6.48	611	0.66	0.02	4.4	11.9
M397542		1.22	5.12	0.14	1.3	7.4	0.023	0.98	13.2	15.3	2.03	439	0.28	0.01	3.0	7.9
M397543		3.10	11.15	0.14	1.9	16.9	0.041	1.87	24.1	15.0	0.37	806	3.59	0.02	5.8	27.5
M397544		1.38	11.55	0.12	2.9	9.0	0.024	2.23	27.7	19.0	3.28	482	0.75	0.02	7.3	13.7

Comments: **Corrected Copy for Au-AA26 and ME-MS61 on Samples M397513, M397515, M397523, and M397525**

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 17-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118113

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397509		370	6.1	33.6	<0.002	0.28	0.52	2.7	1	0.7	716	0.22	<0.05	3.9	0.079	4.26
M397510		460	6.9	46.1	<0.002	0.43	0.29	3.6	2	0.8	406	0.29	<0.05	5.2	0.108	6.49
M397511		560	17.3	85.4	0.003	3.67	105.5	9.1	2	2.1	468	0.43	0.15	7.2	0.220	63.2
M397512		600	12.1	48.1	0.002	1.38	1.82	4.0	2	1.0	244	0.30	<0.05	5.5	0.109	31.5
M397513		610	11.0	50.3	0.002	1.56	1.92	3.7	2	0.9	208	0.30	<0.05	5.5	0.109	26.9
M397514		240	6.4	36.0	<0.002	0.70	1.03	3.1	1	0.7	230	0.21	<0.05	3.9	0.075	19.95
M397515		190	1.4	1.0	<0.002	0.01	<0.05	0.2	1	<0.2	60.4	<0.05	<0.05	<0.2	<0.005	0.07
M397516		650	10.8	69.5	<0.002	1.27	1.95	5.8	2	1.2	118.0	0.43	<0.05	7.9	0.153	37.1
M397517		650	10.1	88.7	<0.002	0.83	0.89	7.3	2	1.4	139.5	0.50	<0.05	9.1	0.187	20.6
M397518		740	12.0	90.5	<0.002	1.49	0.97	7.3	2	1.4	143.0	0.52	<0.05	9.1	0.197	37.1
M397519		630	11.4	78.2	0.002	0.94	0.77	5.5	2	1.2	128.5	0.47	<0.05	7.9	0.188	21.8
M397520		330	8.7	43.3	<0.002	0.73	0.77	4.1	1	0.7	136.0	0.28	<0.05	4.6	0.113	8.47
M397521		210	11.0	20.4	<0.002	0.58	1.00	2.2	1	0.5	141.0	0.15	<0.05	2.2	0.054	12.85
M397522		200	14.0	14.8	<0.002	0.83	0.68	1.8	1	0.3	110.5	0.13	<0.05	2.1	0.050	9.96
M397523		170	2.1	2.7	<0.002	0.01	0.07	0.2	<1	<0.2	53.2	<0.05	<0.05	0.6	<0.005	0.05
M397524		250	9.2	18.2	<0.002	0.58	0.59	2.1	1	0.4	119.0	0.16	<0.05	2.6	0.062	7.00
M397525		220	12.1	17.7	<0.002	0.40	0.57	1.8	1	0.4	94.1	0.16	<0.05	2.4	0.056	5.97
M397526		310	12.3	25.1	<0.002	0.45	0.43	2.3	1	0.5	103.5	0.20	<0.05	3.3	0.073	6.15
M397527		420	16.3	46.6	<0.002	0.76	0.73	4.2	1	0.9	100.5	0.34	<0.05	5.7	0.131	4.22
M397528		450	15.4	47.4	<0.002	0.74	0.65	4.4	2	0.9	103.0	0.36	<0.05	5.8	0.135	3.88
M397529		130	7.3	9.8	<0.002	0.30	0.90	1.1	1	0.2	75.8	0.08	<0.05	1.3	0.031	4.98
M397530		190	10.6	15.8	<0.002	0.29	0.45	1.6	1	0.3	86.6	0.12	<0.05	2.0	0.048	3.65
M397531		620	13.5	41.5	<0.002	0.52	0.49	4.0	1	0.9	89.1	0.37	<0.05	5.5	0.133	3.12
M397532		790	16.1	52.1	<0.002	0.72	0.73	5.2	2	1.0	128.5	0.47	<0.05	7.7	0.175	4.21
M397533		690	11.3	24.7	<0.002	0.62	3.82	2.6	1	0.5	105.0	0.22	<0.05	3.8	0.081	14.30
M397534		680	11.7	24.8	<0.002	0.59	3.79	2.5	1	0.5	105.5	0.21	<0.05	3.7	0.079	14.65
M397535		410	7.0	14.7	<0.002	0.48	3.68	1.6	1	0.4	96.4	0.13	<0.05	2.1	0.047	12.45
M397536		220	8.1	16.1	<0.002	0.27	1.40	1.8	1	0.3	115.0	0.12	<0.05	2.0	0.048	4.59
M397537		190	5.9	12.1	<0.002	0.31	1.51	1.5	1	0.3	119.0	0.10	<0.05	1.7	0.040	5.05
M397538		290	8.6	21.4	<0.002	0.51	2.08	2.4	1	0.5	141.0	0.19	<0.05	2.9	0.067	7.31
M397539		410	7.0	17.9	<0.002	0.38	1.74	2.1	1	0.4	124.0	0.16	<0.05	2.6	0.055	8.48
M397540		430	8.5	26.6	<0.002	0.37	1.21	2.8	1	0.6	149.0	0.23	<0.05	4.1	0.088	5.17
M397541		480	9.3	42.2	<0.002	0.85	4.79	4.2	1	0.9	192.0	0.33	<0.05	5.7	0.130	22.0
M397542		380	12.4	36.9	<0.002	1.77	14.80	2.5	2	1.0	98.2	0.23	<0.05	3.8	0.089	72.6
M397543		570	18.5	85.5	0.002	3.72	107.0	8.7	2	1.9	467	0.45	0.13	6.7	0.235	70.2
M397544		720	10.8	88.2	<0.002	0.98	5.99	6.0	2	1.4	221	0.57	<0.05	9.4	0.218	39.8

Comments: **Corrected Copy for Au-AA26 and ME-MS61 on Samples M397513, M397515, M397523, and M397525**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118113

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M397509		8.8	29	1.7	8.6	16	44.1	
M397510		7.7	36	2.6	10.2	24	59.2	
M397511		4.4	64	8.2	22.8	133	66.3	3.57
M397512		23.2	39	3.5	9.8	54	47.6	1.680
M397513		18.1	41	3.4	9.0	53	47.6	1.770
M397514		22.0	29	2.5	9.1	25	34.7	
M397515		0.7	1	0.1	1.0	17	0.5	
M397516		14.6	57	4.9	12.6	37	74.2	1.095
M397517		7.8	72	5.2	15.5	18	88.5	
M397518		8.2	77	5.0	12.9	27	74.6	
M397519		18.9	73	4.7	11.9	29	76.6	
M397520		18.5	46	2.3	7.9	23	40.0	
M397521		19.8	22	1.7	4.4	41	21.4	
M397522		11.9	20	1.4	5.6	42	24.8	
M397523		2.7	2	0.1	0.8	19	0.6	
M397524		7.4	22	1.5	7.0	19	35.4	
M397525		14.3	24	1.5	5.3	14	29.4	
M397526		11.3	28	2.0	7.1	5	43.0	
M397527		14.2	45	2.4	9.5	12	63.6	
M397528		13.5	47	2.5	9.6	89	64.0	
M397529		13.3	14	0.9	3.5	38	16.2	
M397530		14.9	19	1.2	4.5	62	22.6	
M397531		13.9	44	2.1	10.6	8	74.1	
M397532		8.9	49	2.8	13.6	8	112.5	
M397533		8.3	27	1.6	9.5	9	57.8	
M397534		8.5	26	1.7	9.5	8	59.5	
M397535		8.0	22	1.1	6.7	3	36.2	
M397536		13.1	26	1.1	5.3	5	26.6	
M397537		10.2	21	0.9	5.2	5	26.9	
M397538		10.9	27	1.5	6.7	9	37.6	
M397539		11.5	22	1.0	6.8	10	38.1	
M397540		6.8	31	1.3	9.1	8	64.0	
M397541		9.0	48	2.4	9.8	21	74.4	
M397542		8.4	31	2.5	5.8	40	47.1	1.185
M397543		4.8	67	8.4	22.2	143	66.0	3.19
M397544		11.3	76	3.9	13.6	35	103.5	

Comments: **Corrected Copy for Au-AA26 and ME-MS61 on Samples M397513, M397515, M397523, and M397525**

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118113

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca> 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU- 31	CRU- QC	LOG- 22	LOG- 22d
	LOG- 23	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	WSH- 21
	WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As- OG62	Au- AA26	Hg- CV41	ME- MS61
	ME- OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2013
Account: RCM

CERTIFICATE WH13118114

Project: Nadaleen

P.O. No.: 13-009

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118114

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M399645		9.89	0.01	0.11	7.29	55.3	420	2.09	0.29	3.15	0.04	82.6	16.3	56	10.85	27.6
M399646		9.66	<0.01	0.13	6.38	139.0	540	1.56	0.24	6.86	0.08	69.1	14.0	41	8.02	25.3
M399647		4.97	0.02	0.05	8.43	35.1	410	2.50	0.33	2.44	0.02	89.4	15.2	58	12.40	31.9
M399648		9.44	<0.01	0.06	6.53	12	280	1.63	0.23	11.25	0.03	68.9	12.3	43	7.80	22.2
M399649		9.58	<0.01	0.06	4.99	17	260	1.36	0.18	17.05	0.03	56.7	10.3	33	7.54	20.1
M399650		7.06	<0.01	0.01	0.06	<5	90	0.06	0.02	22.5	0.06	1.38	0.7	<1	0.14	2.9
M399651		9.69	<0.01	0.03	4.95	16	220	1.23	0.17	16.50	0.04	55.7	8.8	33	8.65	17.2
M399652		9.76	<0.01	0.04	4.26	14	230	1.10	0.15	21.7	0.04	51.2	8.0	29	7.73	17.3
M399653		9.92	<0.01	0.05	4.39	15	270	1.09	0.15	21.7	0.05	47.4	7.5	31	7.66	15.9
M399654		9.69	<0.01	0.04	4.67	20	250	1.17	0.15	20.5	0.02	51.2	8.6	26	9.34	18.2
M399655		9.62	<0.01	0.04	3.43	48	230	0.83	0.11	22.4	0.03	42.2	6.6	21	4.63	13.7
M399656		0.25	0.48	0.14	3.98	2450	230	0.97	0.13	21.0	0.13	39.4	11.7	42	10.40	43.9
M399657		10.54	<0.01	0.04	2.58	18	140	0.83	0.09	24.5	0.02	35.9	5.4	16	5.13	12.1
M399658		11.00	<0.01	0.03	3.12	8	170	0.88	0.09	26.6	0.03	36.2	5.9	19	5.01	11.2
M399659		10.85	<0.01	0.04	3.84	19	220	1.12	0.13	20.6	0.03	45.3	10.0	23	7.14	15.6
M399660		10.76	<0.01	0.04	2.66	11	140	0.79	0.09	25.4	0.04	37.1	6.3	17	5.46	12.3
M399661		12.23	<0.01	0.04	3.11	25	160	0.93	0.10	24.6	0.04	36.2	5.8	21	6.13	12.6
M399662		11.87	<0.01	0.03	2.32	22	150	0.69	0.09	23.9	0.03	29.5	3.8	20	4.41	12.3
M399663		12.50	<0.01	0.03	2.16	15	180	0.56	0.10	25.4	0.03	28.0	3.6	19	4.05	10.0
M399664		0.25	0.48	0.10	3.46	2400	190	0.90	0.15	18.05	0.12	36.5	10.1	43	9.48	41.5
M399665		11.95	<0.01	0.03	2.03	20	140	0.62	0.09	27.7	0.03	26.5	3.5	17	4.13	9.3
M399666		11.71	<0.01	0.03	2.07	22	130	0.57	0.09	26.6	0.02	28.3	3.3	18	5.00	9.3
M399667		11.48	<0.01	0.03	2.27	25	210	0.75	0.09	24.0	0.05	28.4	4.0	20	5.81	11.0
M399668		11.85	0.01	0.04	2.92	25	200	0.81	0.11	18.65	0.04	39.1	4.7	25	8.46	13.6
M399669		11.69	<0.01	0.04	3.23	38	160	0.99	0.13	19.25	0.06	41.4	5.0	28	10.25	14.1
M399670		4.68	<0.01	0.04	3.16	29	150	0.93	0.13	18.95	0.06	41.7	5.1	28	10.20	14.1
M399671		11.92	<0.01	0.05	3.05	43	370	0.82	0.12	21.4	0.07	37.7	5.4	27	7.46	15.3
M399672		12.64	<0.01	0.05	6.75	24	360	1.86	0.27	10.25	0.03	78.5	20.2	51	19.45	31.0
M399673		<0.02	<0.01	0.06	6.72	29	360	1.89	0.29	10.20	0.05	79.1	20.3	49	19.15	32.3
M399674		11.92	<0.01	0.03	4.55	32	390	1.20	0.17	17.70	0.04	54.3	7.8	35	10.40	18.7
M399675		11.37	<0.01	0.04	8.07	28.0	450	2.42	0.35	2.41	0.03	87.8	13.9	65	23.3	34.2
M399676		12.00	<0.01	0.02	7.65	16.4	530	2.19	0.28	1.09	<0.02	76.0	13.8	62	22.4	32.6
M399677		11.99	<0.01	0.03	7.91	161.0	420	2.32	0.33	3.01	0.11	83.4	15.1	77	21.0	34.0
M399678		6.71	<0.01	0.03	6.47	1060	260	1.56	0.29	6.14	0.12	69.5	10.2	50	14.85	113.5
M399679		5.11	<0.01	<0.01	0.07	<5	30	0.06	0.04	20.7	0.06	1.16	0.6	1	0.18	2.0
M399680		12.49	0.01	0.06	3.95	31	210	1.19	0.16	17.20	0.08	42.9	8.2	37	7.98	32.4

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118114

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M399645		3.51	18.35	0.14	3.0	0.38	0.051	2.63	43.0	90.8	1.41	775	0.44	0.16	9.7	28.8
M399646		3.61	15.25	0.13	2.4	0.2	0.047	2.09	36.6	70.1	2.99	1200	0.40	0.12	8.3	24.5
M399647		3.82	21.1	0.15	3.0	0.16	0.059	2.90	46.8	119.0	1.21	529	0.47	0.23	11.5	30.5
M399648		2.99	14.90	0.12	2.4	0.08	0.045	2.18	36.7	67.5	0.97	445	0.32	0.15	8.0	23.6
M399649		2.79	12.35	0.11	2.0	0.12	0.041	1.79	29.8	56.2	1.23	534	0.49	0.12	6.6	22.4
M399650		0.49	0.20	0.09	<0.1	<0.01	<0.005	0.02	0.7	1.5	14.00	223	0.09	<0.01	0.2	2.0
M399651		2.21	12.10	0.13	2.2	0.01	0.035	1.67	29.0	70.9	0.81	197	0.35	0.26	6.8	19.8
M399652		2.05	10.40	0.13	1.6	0.07	0.029	1.54	26.7	61.3	0.81	262	0.51	0.14	5.4	17.7
M399653		2.10	10.25	0.12	1.5	0.06	0.028	1.54	24.9	57.8	0.87	266	0.57	0.25	5.2	16.9
M399654		1.91	10.80	0.13	1.7	<0.1	0.032	1.50	27.3	73.9	0.76	263	0.38	0.09	5.6	16.2
M399655		1.75	8.36	0.11	1.3	0.33	0.023	1.04	21.9	62.1	0.94	357	0.46	0.05	4.4	14.0
M399656		3.30	9.65	0.09	1.9	3.66	0.034	1.93	19.8	10.3	1.60	1320	1.68	0.02	6.1	25.5
M399657		1.62	6.28	0.09	1.1	0.07	0.020	0.83	18.0	52.4	1.26	1320	0.56	0.11	3.3	11.7
M399658		2.09	6.90	0.10	1.2	0.08	0.021	0.94	18.5	55.8	2.09	1180	0.38	0.12	3.5	11.4
M399659		1.98	9.19	0.12	1.3	0.07	0.026	1.27	23.4	67.0	1.92	587	0.49	0.10	4.4	17.4
M399660		1.58	6.66	0.10	1.1	<0.1	0.020	0.91	18.9	31.4	1.23	237	0.57	0.07	3.3	13.6
M399661		1.60	7.51	0.11	1.4	0.08	0.022	1.06	19.1	32.4	1.45	365	0.43	0.13	3.9	12.1
M399662		1.30	5.51	0.10	1.0	0.07	0.023	0.77	14.3	19.6	1.36	266	0.31	0.06	3.1	9.6
M399663		1.08	5.14	0.10	1.1	0.09	0.022	0.74	13.6	21.1	0.49	123	0.27	0.04	3.0	8.3
M399664		2.84	8.72	0.11	1.7	3.54	0.030	1.64	18.5	9.0	1.33	1120	1.56	0.02	5.6	23.6
M399665		1.03	4.80	0.11	0.9	0.07	0.017	0.74	12.9	16.6	0.46	110	0.25	0.03	2.8	8.5
M399666		1.03	4.78	0.09	1.0	0.06	0.015	0.73	13.6	14.7	0.49	121	0.27	0.07	2.9	7.7
M399667		1.27	5.25	0.11	0.9	0.08	0.017	0.77	13.7	21.8	1.47	261	0.44	0.11	2.8	9.4
M399668		1.32	6.87	0.10	1.3	0.13	0.023	1.05	19.3	39.3	1.05	195	0.40	0.28	3.8	11.2
M399669		1.61	7.57	0.11	1.4	0.14	0.022	1.20	21.2	29.3	1.14	201	0.49	0.34	4.3	12.5
M399670		1.57	7.38	0.11	1.5	0.14	0.020	1.18	20.8	28.6	1.14	202	0.48	0.35	4.2	12.5
M399671		1.57	7.08	0.12	1.2	0.22	0.022	1.09	19.3	30.3	1.35	304	0.52	0.24	3.9	13.3
M399672		3.26	16.00	0.15	2.0	0.15	0.045	2.79	41.0	102.5	0.92	265	0.50	0.07	7.7	35.2
M399673		3.26	16.05	0.15	1.9	0.14	0.041	2.78	40.7	101.0	0.92	267	0.53	0.07	7.7	34.6
M399674		2.12	10.65	0.13	1.8	0.08	0.030	1.87	27.8	47.5	0.83	383	0.41	0.05	5.7	16.3
M399675		3.63	20.9	0.19	3.1	0.05	0.061	3.51	43.7	104.5	1.16	331	0.41	0.07	10.8	27.7
M399676		3.77	19.50	0.16	3.2	0.04	0.059	3.13	38.2	123.5	1.42	662	0.33	0.06	10.6	31.7
M399677		4.17	19.65	0.17	2.9	0.22	0.049	3.37	46.8	105.0	1.99	1020	0.28	0.05	12.1	53.3
M399678		2.95	15.85	0.17	2.6	0.67	0.050	2.94	38.9	26.3	3.17	1320	0.30	0.04	10.6	41.5
M399679		0.48	0.21	0.08	<0.1	<0.01	<0.005	0.03	0.6	1.3	12.15	206	0.32	<0.01	0.2	1.8
M399680		1.60	9.45	0.12	1.6	0.10	0.027	1.50	23.0	98.1	2.15	388	0.19	0.03	6.3	19.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118114

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399645		660	31.5	121.0	<0.002	2.51	1.36	13.0	2	2.2	384	0.71	0.06	13.1	0.343	1.99
M399646		1320	33.9	99.5	<0.002	2.17	2.09	10.9	1	1.9	531	0.60	<0.05	11.0	0.280	1.12
M399647		490	21.4	134.0	<0.002	1.85	0.69	14.6	1	2.3	267	0.79	0.07	14.5	0.374	1.05
M399648		510	18.5	99.9	<0.002	1.05	0.59	10.3	1	1.7	409	0.59	0.05	10.8	0.283	0.61
M399649		980	18.8	85.1	<0.002	1.70	0.44	8.7	2	1.4	562	0.48	<0.05	9.1	0.231	0.67
M399650		200	1.3	1.1	<0.002	0.01	<0.05	0.2	<1	<0.2	51.8	<0.05	<0.05	<0.2	<0.005	<0.02
M399651		640	13.0	82.0	<0.002	1.63	0.19	8.1	2	1.3	510	0.51	<0.05	9.5	0.242	0.56
M399652		680	10.6	75.3	<0.002	1.48	0.20	7.2	1	1.2	714	0.38	<0.05	6.8	0.190	0.49
M399653		960	10.4	74.0	0.002	1.59	0.19	7.0	2	1.1	724	0.38	<0.05	6.9	0.186	0.49
M399654		560	10.2	77.1	<0.002	1.26	0.20	7.4	1	1.4	610	0.41	<0.05	7.8	0.195	0.50
M399655		600	8.4	52.9	<0.002	1.26	0.35	6.0	1	0.9	898	0.32	<0.05	5.8	0.151	0.66
M399656		420	8.8	80.7	0.002	2.71	9.35	9.4	2	1.4	784	0.42	0.09	5.5	0.297	10.10
M399657		600	7.2	42.8	<0.002	0.94	0.92	4.6	1	0.7	893	0.24	<0.05	4.5	0.112	0.35
M399658		610	7.5	43.8	<0.002	1.07	0.31	5.0	1	0.8	848	0.26	<0.05	4.9	0.133	0.29
M399659		650	10.9	62.8	0.002	0.92	0.37	6.2	1	1.0	726	0.32	<0.05	6.0	0.156	0.31
M399660		540	7.4	46.9	0.002	1.09	0.27	4.9	1	0.7	1040	0.24	<0.05	4.7	0.118	0.24
M399661		590	7.7	53.7	<0.002	1.08	0.19	5.2	1	0.8	852	0.28	<0.05	4.9	0.139	0.29
M399662		480	7.9	38.4	<0.002	0.85	0.19	4.0	1	0.6	741	0.23	<0.05	4.2	0.109	0.21
M399663		400	6.5	36.5	<0.002	0.85	0.19	4.0	1	0.6	1100	0.23	<0.05	4.0	0.102	0.21
M399664		360	8.5	67.8	<0.002	2.42	8.53	8.5	1	1.3	701	0.40	<0.05	5.3	0.253	9.75
M399665		380	6.1	35.9	<0.002	0.78	0.17	3.6	1	0.6	1120	0.21	<0.05	3.8	0.096	0.22
M399666		410	6.0	35.8	<0.002	0.79	0.17	3.7	1	0.6	1100	0.21	<0.05	3.9	0.100	0.18
M399667		560	6.2	36.6	0.002	0.82	0.23	3.9	1	0.6	907	0.21	<0.05	3.7	0.097	0.21
M399668		800	8.4	50.1	<0.002	0.98	0.25	4.9	1	0.8	841	0.28	<0.05	5.3	0.132	0.26
M399669		670	9.5	56.4	<0.002	1.24	0.24	5.4	1	0.9	753	0.32	<0.05	5.8	0.152	0.38
M399670		680	9.3	56.2	<0.002	1.19	0.25	5.4	1	0.9	709	0.32	<0.05	5.8	0.151	0.39
M399671		560	9.9	51.1	0.002	1.12	0.31	5.2	2	0.8	827	0.29	<0.05	5.1	0.136	0.93
M399672		380	16.5	125.0	<0.002	2.50	0.57	10.8	1	1.8	453	0.57	0.05	10.9	0.259	1.22
M399673		380	16.4	125.5	<0.002	2.48	0.59	10.8	1	1.8	453	0.58	0.06	11.0	0.257	1.22
M399674		660	10.7	78.6	<0.002	1.09	0.56	7.2	1	1.3	656	0.43	<0.05	7.9	0.199	1.04
M399675		420	14.7	128.0	<0.002	1.17	0.55	14.3	1	2.4	169.5	0.83	<0.05	15.1	0.372	0.91
M399676		450	15.6	128.0	<0.002	0.29	0.25	14.1	1	2.3	128.5	0.81	0.06	13.6	0.382	0.79
M399677		450	9.5	145.0	<0.002	1.97	0.38	13.3	1	2.4	217	0.93	<0.05	16.3	0.337	1.37
M399678		560	9.9	121.5	<0.002	1.77	2.38	10.6	1	2.2	366	0.80	<0.05	13.3	0.293	1.86
M399679		170	1.4	1.1	<0.002	0.01	0.07	0.2	<1	<0.2	46.9	<0.05	<0.05	0.3	<0.005	<0.02
M399680		450	6.3	80.4	<0.002	0.12	0.23	6.3	1	1.3	633	0.48	<0.05	7.7	0.181	0.75

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118114

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
M399645		2.8	77	2.2	19.4	91	96.3
M399646		2.8	61	2.6	18.9	108	80.0
M399647		2.5	80	1.8	18.3	74	97.2
M399648		2.8	60	1.0	15.8	68	79.6
M399649		2.5	51	1.0	16.7	51	71.4
M399650		0.7	2	0.1	0.8	17	0.6
M399651		2.4	45	1.0	13.1	54	68.2
M399652		2.3	40	0.8	12.7	58	52.3
M399653		2.6	41	0.8	11.7	46	51.0
M399654		2.2	41	0.8	12.1	49	63.5
M399655		2.3	34	1.1	10.2	46	45.2
M399656		2.4	81	5.2	16.8	54	65.1
M399657		1.7	27	0.5	9.6	35	36.3
M399658		1.9	30	0.5	9.5	36	39.7
M399659		2.0	38	0.7	12.0	44	44.7
M399660		1.8	28	0.5	9.9	32	39.0
M399661		1.8	31	0.6	9.3	37	42.0
M399662		1.7	22	0.5	7.7	32	34.2
M399663		1.9	21	0.5	7.3	24	34.2
M399664		2.3	70	4.7	14.3	43	58.1
M399665		1.8	21	0.4	7.0	23	31.2
M399666		1.8	20	0.4	7.6	24	35.0
M399667		1.6	24	0.4	7.3	27	28.2
M399668		1.8	30	0.7	9.8	33	42.7
M399669		1.9	33	0.7	10.1	38	50.0
M399670		1.9	32	0.7	10.4	40	49.0
M399671		1.9	31	0.6	10.0	39	43.2
M399672		2.9	56	1.1	12.7	75	65.6
M399673		2.9	56	1.1	12.6	80	65.7
M399674		2.5	41	0.8	12.8	43	59.8
M399675		2.9	85	1.5	18.0	60	99.2
M399676		2.3	83	1.3	18.0	88	106.0
M399677		2.5	62	1.5	19.7	114	94.2
M399678		4.1	59	3.7	17.9	89	84.1
M399679		0.6	2	0.1	0.7	15	0.6
M399680		8.1	55	0.8	11.4	55	58.1

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13118114

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

CERTIFICATE WH13121802

Project: Nadaleen

P.O. No.: 13-010

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121802

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M397545		4.60	0.15	0.10	4.79	487	220	1.36	0.15	4.58	0.22	48.6	7.1	48	8.99	23.6
M397546		7.78	0.07	0.07	3.48	916	180	0.89	0.10	8.30	0.13	49.9	5.6	36	5.87	14.8
M397547		7.34	0.97	0.09	4.00	1045	230	1.09	0.12	9.38	0.13	53.2	4.9	38	7.39	17.1
M397548		0.21	7.64	0.28	3.68	>10000	180	0.68	0.19	9.79	0.66	45.0	12.0	44	8.75	54.7
M397549		6.94	3.24	0.19	1.85	>10000	310	0.40	0.08	5.23	0.22	28.2	3.9	19	3.36	25.9
M397550		4.94	<0.01	0.02	0.08	29	30	0.06	0.03	21.1	0.08	1.31	0.8	1	0.28	2.5
M397551		6.68	0.78	0.11	4.64	2560	550	1.20	0.12	11.75	0.12	57.3	7.6	40	12.80	22.9
M397552		6.49	<0.01	0.06	4.47	518	420	1.17	0.14	9.82	0.05	56.7	8.4	40	12.60	22.1
M397553		7.44	0.01	0.09	5.20	519	560	1.26	0.15	6.93	0.06	74.9	8.8	47	12.40	26.9
M397554		5.93	0.01	0.10	5.23	4040	500	1.31	0.17	7.32	0.12	67.3	9.6	66	17.70	34.1
M397555		6.43	<0.01	0.03	0.41	676	1190	0.22	0.02	31.2	0.09	8.77	1.0	6	0.88	4.4
M397556		7.79	<0.01	0.05	1.80	12	120	0.66	0.05	20.2	0.06	23.2	2.5	16	4.67	5.1
M397557		3.22	<0.01	0.05	1.63	9	180	0.59	0.05	19.85	0.07	21.4	2.4	14	4.16	4.3
M397558		8.75	<0.01	0.03	1.28	8	1220	0.43	0.04	12.20	0.05	21.1	1.7	16	2.80	7.2
M397559		8.43	<0.01	0.04	2.62	16	270	0.86	0.07	14.25	0.05	32.9	3.5	27	7.70	11.5
M397560		9.09	<0.01	0.04	1.20	9	270	0.50	0.04	30.2	0.11	18.25	2.8	13	3.18	6.8
M397561		8.68	<0.01	0.03	1.77	8	1060	0.55	0.05	18.55	0.08	24.3	2.3	17	4.89	10.4
M397562		8.26	<0.01	0.02	0.58	5	160	0.34	0.02	34.6	0.23	9.78	1.2	7	1.48	4.2
M397563		0.21	0.48	0.10	3.68	2580	210	0.97	0.16	19.65	0.14	42.1	11.8	43	10.50	44.8
M397564		9.11	<0.01	0.05	0.97	6	110	0.41	0.04	32.8	0.26	13.10	1.9	11	2.59	6.9
M397565		8.14	<0.01	0.10	2.21	13	670	0.71	0.08	28.5	0.06	19.80	3.6	22	6.19	14.6
M397566		8.57	<0.01	0.05	1.56	11	820	0.61	0.06	30.7	0.07	21.8	3.7	16	5.54	13.8
M397567		8.95	<0.01	0.04	0.72	<5	310	0.32	0.03	34.5	0.06	11.95	1.2	8	2.05	5.3
M397569		2.47	<0.01	0.05	3.13	9	150	0.88	0.15	22.9	0.04	54.9	5.4	27	3.29	13.2
M397570		7.87	<0.01	0.04	1.78	<5	180	0.58	0.08	32.0	0.02	25.3	3.4	14	2.69	9.6
M397571		11.25	<0.01	0.04	1.12	<5	100	0.37	0.06	33.1	0.02	16.50	2.2	11	1.64	6.9
M397572		9.49	<0.01	0.05	1.48	<5	110	0.44	0.07	32.5	0.03	20.7	2.7	14	2.63	8.5
M397573		<0.02	<0.01	0.05	1.46	<5	110	0.44	0.07	32.2	0.05	21.7	2.8	14	2.58	8.7
M397574		8.43	<0.01	0.04	2.54	5	110	0.78	0.12	28.4	0.03	41.7	4.9	23	4.02	12.7
M397575		9.58	<0.01	0.08	4.52	<5	290	1.27	0.20	18.10	0.03	66.6	8.2	40	6.09	20.3
M397576		5.25	<0.01	0.01	0.14	<5	60	0.08	0.03	22.7	0.06	1.35	0.7	<1	0.19	2.8
M397577		11.86	<0.01	0.09	4.71	6	240	1.26	0.24	16.05	0.05	69.6	9.0	41	5.98	21.8
M397578		10.11	<0.01	0.06	2.65	5	180	0.79	0.13	23.7	0.03	48.2	5.4	24	3.42	12.7
M397579		9.69	<0.01	0.07	3.97	6	310	1.10	0.19	20.8	0.03	56.6	6.9	33	5.11	18.0
M397580		13.48	<0.01	0.08	4.74	5	320	1.25	0.23	16.45	0.07	63.9	7.6	40	5.76	20.9
M397508		5.47	0.14	0.03	1.10	92	100	0.61	0.04	30.8	0.08	18.65	2.4	11	3.37	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121802

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M397545		1.38	13.50	0.19	3.0	21.7	0.024	2.57	27.5	21.5	2.55	365	1.11	0.02	8.1	17.4
M397546		1.33	9.16	0.20	3.5	9.36	0.022	1.71	25.6	15.7	4.53	569	0.63	0.02	6.6	10.9
M397547		1.65	10.50	0.17	3.0	18.6	0.025	1.98	26.9	19.4	5.20	815	0.72	0.02	6.4	11.9
M397548		2.93	10.60	0.14	2.0	26.5	0.028	1.71	25.2	13.9	0.35	760	3.55	0.02	5.6	27.1
M397549		1.88	4.53	0.09	1.0	48.9	0.021	0.82	13.6	11.3	2.31	819	0.59	0.01	2.4	8.5
M397550		0.49	0.27	0.15	<0.1	0.18	<0.005	0.03	0.6	1.1	12.35	214	0.48	0.01	0.2	2.0
M397551		1.83	12.05	0.20	1.9	38.2	0.032	2.27	30.3	23.3	2.63	711	0.73	0.02	6.1	18.8
M397552		2.22	12.10	0.19	2.4	9.30	0.024	2.22	29.7	23.7	3.13	462	0.72	0.02	6.6	19.7
M397553		2.01	13.45	0.21	3.3	11.6	0.031	2.30	38.2	29.0	3.49	400	0.94	0.02	7.8	21.2
M397554		1.98	14.30	0.19	2.7	16.6	0.030	2.44	35.8	28.1	3.78	417	1.12	0.02	7.9	22.9
M397555		0.40	1.10	0.14	0.3	1.24	<0.005	0.20	4.8	1.6	0.86	344	0.55	<0.01	0.6	2.2
M397556		0.92	4.46	0.09	2.3	0.16	0.011	0.92	12.4	6.8	4.97	202	0.70	0.02	3.0	6.2
M397557		0.89	4.06	0.11	2.2	0.14	0.008	0.83	11.3	6.2	4.72	194	0.67	0.02	2.6	5.6
M397558		1.12	3.07	0.11	2.6	0.07	0.006	0.71	10.6	5.2	5.76	216	0.52	0.02	2.4	4.8
M397559		1.12	6.73	0.16	3.0	0.06	0.014	1.53	17.2	10.2	5.46	223	0.57	0.02	4.4	8.2
M397560		0.83	3.24	0.13	0.8	0.06	0.006	0.65	9.8	4.5	2.33	193	0.28	0.01	1.9	5.9
M397561		0.99	4.52	0.16	2.4	0.04	0.011	0.97	12.7	6.9	5.18	223	0.44	0.02	3.0	5.1
M397562		0.30	1.62	0.14	0.4	0.03	<0.005	0.32	5.8	2.6	0.92	119	0.28	0.01	0.9	2.1
M397563		3.10	10.20	0.14	2.0	3.50	0.032	1.76	21.0	9.8	1.42	1230	1.69	0.02	6.3	26.3
M397564		0.36	2.55	0.10	0.6	0.05	<0.005	0.53	7.8	4.1	0.94	107	0.55	0.01	1.6	4.3
M397565		0.64	5.76	0.15	1.1	0.06	0.011	1.25	11.9	8.6	1.21	116	1.17	0.01	3.5	10.2
M397566		0.61	4.30	0.18	0.8	0.05	0.010	0.90	11.5	6.9	0.89	127	0.51	0.01	2.5	8.9
M397567		0.31	1.92	0.16	0.3	0.03	<0.005	0.41	7.4	3.0	0.48	114	0.21	0.01	1.0	2.8
M397569		2.00	7.73	0.17	2.0	0.03	0.024	1.42	27.1	21.2	0.43	303	0.23	0.03	5.3	12.0
M397570		1.16	4.53	0.12	0.8	0.05	0.010	0.81	13.6	13.0	0.37	201	0.19	0.02	2.5	8.4
M397571		0.75	2.89	0.12	0.5	0.04	<0.005	0.52	8.7	6.7	0.33	117	0.15	0.02	1.6	5.1
M397572		0.87	3.72	0.11	0.6	0.04	0.008	0.70	11.4	6.9	0.35	121	0.16	0.02	2.0	6.3
M397573		0.86	3.75	0.12	0.6	0.04	0.008	0.68	11.4	6.9	0.35	119	0.16	0.02	2.0	6.5
M397574		1.56	6.45	0.13	1.1	0.05	0.020	1.17	21.6	14.3	0.45	240	0.24	0.02	3.7	14.0
M397575		2.09	11.65	0.17	2.7	0.06	0.035	2.23	33.4	24.2	0.64	240	0.27	0.03	7.7	19.4
M397576		0.52	0.41	0.13	<0.1	<0.01	<0.005	0.03	0.6	1.2	13.20	219	0.18	<0.01	0.7	1.5
M397577		2.24	12.10	0.18	2.7	0.07	0.033	2.37	34.2	17.9	0.79	235	0.27	0.03	8.0	23.0
M397578		1.49	6.59	0.16	1.7	0.03	0.019	1.27	23.5	17.2	0.47	301	0.20	0.02	4.9	12.8
M397579		1.96	10.35	0.17	2.6	0.03	0.036	1.92	28.8	31.4	0.58	305	0.22	0.03	7.0	16.8
M397580		2.28	12.20	0.17	2.7	0.04	0.038	2.32	32.6	32.2	0.75	263	0.25	0.03	8.2	19.6
M397508		0.54	3.04	0.12	0.8	1.41	0.005	0.57	10.1	4.4	1.20	241	0.32	0.01	1.7	5.1

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121802

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Method / Analyte / Units / LOR	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M397545	710	13.1	99.8	0.002	0.92	7.92	5.7	3	1.6	333	0.63	<0.05	10.8	0.232	43.1
M397546	630	7.9	67.0	<0.002	0.49	6.97	5.4	3	1.2	292	0.52	<0.05	9.6	0.192	29.5
M397547	580	8.1	76.9	<0.002	0.62	17.65	6.2	1	1.2	335	0.51	<0.05	9.8	0.194	72.9
M397548	520	16.9	84.9	0.002	3.51	105.5	8.8	2	1.8	414	0.42	0.11	7.4	0.220	64.0
M397549	420	9.1	34.7	<0.002	2.09	70.1	2.4	1	1.0	359	0.18	<0.05	3.8	0.071	194.5
M397550	180	1.9	1.5	<0.002	0.01	0.12	0.2	<1	<0.2	48.6	<0.05	<0.05	<0.2	0.005	0.32
M397551	620	8.8	88.7	<0.002	0.94	23.2	7.0	2	1.4	634	0.48	<0.05	9.3	0.188	130.0
M397552	620	9.7	85.8	<0.002	1.40	4.28	7.3	2	1.1	569	0.51	<0.05	9.8	0.197	32.2
M397553	850	10.9	85.8	<0.002	1.06	5.85	7.3	2	1.3	658	0.62	<0.05	12.0	0.231	35.6
M397554	800	12.3	91.1	<0.002	1.04	11.55	7.5	2	1.5	548	0.60	<0.05	11.9	0.225	72.2
M397555	160	2.4	7.1	<0.002	0.17	1.03	1.0	1	<0.2	697	0.05	<0.05	1.0	0.018	5.37
M397556	220	6.1	29.9	<0.002	0.11	0.20	2.7	1	0.5	301	0.25	<0.05	4.2	0.092	0.44
M397557	190	6.2	26.6	<0.002	0.13	0.18	2.4	1	0.5	300	0.21	<0.05	3.8	0.082	0.38
M397558	290	5.7	22.9	<0.002	0.15	0.17	2.0	1	0.4	158.5	0.18	<0.05	3.5	0.076	0.24
M397559	410	6.9	49.5	<0.002	0.14	0.23	4.1	2	0.8	205	0.36	<0.05	6.3	0.136	0.53
M397560	160	4.9	21.4	<0.002	0.24	0.15	2.0	1	0.4	837	0.15	<0.05	2.6	0.058	0.33
M397561	320	7.3	32.6	<0.002	0.11	0.16	2.9	2	0.6	343	0.24	<0.05	4.4	0.090	0.23
M397562	320	3.3	10.5	<0.002	0.07	0.10	1.0	1	0.2	1220	0.07	<0.05	1.3	0.028	0.11
M397563	390	9.5	81.8	0.002	2.69	9.86	9.7	2	1.4	721	0.46	0.06	6.0	0.279	10.85
M397564	350	4.2	17.8	<0.002	0.12	0.15	1.6	1	0.3	1370	0.12	<0.05	2.1	0.048	0.20
M397565	250	7.0	42.6	0.002	0.21	0.23	3.6	1	0.7	972	0.27	<0.05	4.5	0.107	0.51
M397566	220	5.3	32.5	<0.002	0.19	0.20	2.7	1	0.5	1190	0.20	<0.05	3.3	0.073	0.34
M397567	160	3.3	12.9	<0.002	0.05	0.09	1.2	1	0.2	900	0.08	<0.05	1.5	0.032	0.09
M397569	170	15.9	60.7	<0.002	0.18	0.42	5.3	1	0.9	566	0.43	<0.05	7.0	0.197	0.28
M397570	360	9.5	32.5	<0.002	0.30	0.20	3.1	1	0.5	1250	0.19	<0.05	3.4	0.088	0.24
M397571	560	4.2	21.1	<0.002	0.39	0.11	2.0	1	0.3	1010	0.12	<0.05	2.2	0.058	0.14
M397572	290	4.9	28.4	<0.002	0.39	0.12	2.5	1	0.4	1120	0.16	<0.05	2.8	0.072	0.16
M397573	290	4.9	28.5	<0.002	0.39	0.13	2.5	1	0.4	1100	0.15	<0.05	2.7	0.073	0.16
M397574	370	9.0	46.7	<0.002	0.78	0.22	4.4	1	0.7	901	0.29	<0.05	5.0	0.141	0.30
M397575	160	15.8	92.5	<0.002	1.25	0.51	7.5	2	1.4	598	0.61	<0.05	9.9	0.265	0.46
M397576	190	1.4	1.3	<0.002	0.02	<0.05	0.2	<1	0.4	52.7	0.08	<0.05	0.7	0.005	<0.02
M397577	160	21.0	96.3	<0.002	1.47	0.60	7.7	1	1.4	572	0.63	<0.05	10.3	0.266	0.54
M397578	940	11.4	53.0	<0.002	0.61	0.43	4.5	1	0.8	783	0.38	<0.05	5.8	0.181	0.27
M397579	190	15.9	81.7	<0.002	0.75	0.49	6.6	1	1.3	742	0.54	<0.05	8.5	0.223	0.39
M397580	280	16.2	97.4	<0.002	0.79	0.51	7.7	1	1.4	456	0.62	0.05	10.0	0.261	0.44
M397508	150	4.9	20.6	<0.002	0.26	0.26	1.9	1	0.4	722	0.13	<0.05	2.4	0.052	3.20

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121802

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M397545		15.6	87	3.2	11.6	25	99.8	
M397546		8.9	62	2.8	14.7	21	114.0	
M397547		8.2	64	2.9	13.3	17	102.0	
M397548		4.5	63	8.1	22.5	133	65.8	3.43
M397549		19.9	30	2.1	4.2	21	32.0	2.15
M397550		0.6	3	0.1	0.8	18	0.8	
M397551		18.5	70	3.7	11.7	16	59.5	
M397552		12.0	70	3.7	12.3	11	80.1	
M397553		10.3	80	4.0	14.0	11	106.5	
M397554		10.5	83	3.6	12.0	12	88.8	
M397555		6.1	9	0.3	5.4	<2	10.9	
M397556		11.6	29	0.4	7.4	8	78.9	
M397557		10.7	26	0.4	6.9	10	74.6	
M397558		4.6	19	0.3	7.5	7	88.1	
M397559		5.7	40	0.7	10.7	9	100.5	
M397560		12.5	23	0.3	4.9	31	29.6	
M397561		6.0	27	0.5	8.6	14	79.6	
M397562		7.8	13	0.1	4.7	6	14.9	
M397563		2.5	76	5.6	17.1	50	70.4	
M397564		11.8	19	0.2	5.0	15	20.5	
M397565		19.4	37	0.4	6.1	21	39.4	
M397566		14.6	25	0.3	6.4	13	28.9	
M397567		15.1	19	0.1	3.6	13	10.5	
M397569		3.4	37	0.8	14.8	37	69.8	
M397570		3.4	20	0.3	8.1	26	30.5	
M397571		2.8	13	0.3	4.9	17	19.6	
M397572		3.1	17	0.3	5.9	24	22.6	
M397573		3.0	17	0.3	5.8	23	21.9	
M397574		3.3	30	0.5	9.8	32	40.6	
M397575		3.0	53	1.1	17.0	51	87.4	
M397576		1.3	3	0.1	0.8	20	1.4	
M397577		3.1	53	1.7	17.2	67	88.3	
M397578		2.8	31	0.7	12.5	33	72.8	
M397579		3.0	44	0.9	15.2	46	80.8	
M397580		3.0	54	1.0	16.6	69	90.1	
M397508		14.2	20	1.1	5.5	17	28.6	

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CERTIFICATE OF ANALYSIS WH13121802

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	LOG-22	LOG-22d	LOG-23
	PUL-31	PUL-31d	PUL-QC	SPL-21
	SPL-21d	WEI-21	WSH-21	WSH-22

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21- JUL- 2013
Account: RCM

CERTIFICATE WH13121803

Project: Nadaleen

P.O. No.: 13- 011

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- JUL- 2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 31	Fine crushing - 70%<2mm
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH13121803

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M399681		11.02	0.01	0.07	4.26	50	270	1.32	0.15	16.30	0.08	45.6	9.6	38	11.85	34.2
M399682		9.51	0.01	0.08	4.60	123	260	1.67	0.18	15.60	0.12	45.7	10.1	41	12.85	37.7
M399683		7.83	0.18	0.08	3.66	489	300	1.08	0.12	18.25	0.16	37.9	6.7	34	7.62	30.6
M399684		6.99	16.80	8.68	3.72	>10000	140	0.76	0.10	11.80	0.65	40.8	7.2	42	5.05	17.0
M399685		9.55	24.5	14.10	4.40	>10000	120	0.89	0.12	7.07	1.10	41.4	7.9	49	6.56	30.6
M399686		7.03	0.02	0.02	0.05	128	20	<0.05	0.01	21.2	0.07	1.06	1.2	<1	0.12	2.2
M399687		7.96	0.31	0.27	2.90	494	110	0.85	0.07	21.2	0.12	33.8	5.5	26	5.41	24.0
M399688		5.73	1.72	0.49	2.45	1360	100	0.65	0.06	22.9	0.14	29.2	4.6	23	4.52	15.1
M399689		7.18	10.20	6.87	2.24	>10000	170	0.51	0.07	13.55	0.61	23.0	4.7	28	3.98	12.9
M399690		6.91	0.01	<0.01	0.05	102	50	0.05	0.01	21.2	0.07	1.04	1.3	<1	0.10	1.4
M399691		9.16	0.90	0.66	4.65	1540	370	1.31	0.12	11.20	0.15	51.7	8.3	48	9.86	28.3
M399692		11.36	0.02	0.06	3.44	51	170	1.04	0.08	17.65	0.08	37.5	6.5	33	5.96	20.0
M399693		11.52	0.01	0.04	3.30	59	160	1.13	0.10	18.65	0.11	38.2	6.2	30	4.58	35.0
M399694		10.44	<0.01	0.03	3.77	158	150	1.25	0.10	14.65	0.14	41.5	6.9	35	4.77	14.2
M399695		11.30	<0.01	0.06	4.03	75	180	1.29	0.10	12.10	0.11	47.8	8.1	39	5.13	28.4
M399696		10.30	<0.01	0.04	2.51	91	140	0.75	0.07	22.3	0.09	28.2	4.7	22	2.76	17.8
M399697		10.66	<0.01	0.04	2.42	50	130	0.77	0.06	23.4	0.10	26.0	4.6	24	2.81	18.0
M399698		11.52	0.01	0.07	3.71	21	530	1.11	0.09	15.40	0.08	42.9	7.1	38	8.91	25.8
M399699		2.35	<0.01	0.12	0.55	7	280	0.33	0.02	29.9	<0.02	14.30	1.4	4	0.73	3.4
M399700		6.17	<0.01	0.04	0.90	<5	340	0.37	0.03	30.2	0.02	15.60	2.2	6	1.31	5.4
M399701		0.22	0.47	0.10	3.54	2510	200	0.90	0.13	17.90	0.13	37.8	11.4	39	10.45	41.5
M399702		4.47	<0.01	0.04	2.89	19	180	0.64	0.11	26.1	0.02	41.3	5.5	21	5.03	11.3
M399703		7.24	<0.01	0.06	4.19	24	250	1.03	0.15	20.2	0.04	49.2	7.2	33	7.82	15.0
M399704		<0.02	<0.01	0.06	4.18	21	330	0.94	0.15	20.3	0.04	49.5	7.3	33	7.90	15.7
M399705		6.18	<0.01	0.03	2.49	7	150	0.70	0.09	25.6	0.04	33.0	4.6	20	4.58	10.3
M399706		9.06	<0.01	0.03	2.96	14	160	0.81	0.11	24.7	0.03	35.7	5.5	22	6.09	13.4
M399707		8.44	<0.01	0.03	2.08	8	170	0.56	0.07	27.7	0.04	26.0	3.8	15	3.66	8.8
M399708		0.27	0.50	0.10	3.54	2520	200	0.88	0.13	17.70	0.12	36.9	11.0	41	10.25	38.5
M399709		9.11	<0.01	0.04	3.85	17	190	0.92	0.14	20.9	0.05	45.3	6.9	31	7.66	14.5
M399710		8.97	<0.01	0.03	2.96	14	240	0.76	0.11	22.4	0.03	40.2	6.0	23	5.05	21.8
M399711		9.84	<0.01	0.05	4.49	20	230	1.23	0.18	16.15	0.05	53.2	11.1	34	7.61	20.4
M399712		10.13	<0.01	0.01	0.56	<5	50	0.31	0.03	29.6	0.02	14.05	1.4	6	0.88	4.2
M399713		11.34	<0.01	0.02	0.82	<5	100	0.35	0.04	29.2	<0.02	16.35	2.0	8	1.53	6.5
M399714		5.05	<0.01	0.02	0.70	<5	100	0.34	0.04	28.9	<0.02	15.60	1.8	7	1.29	4.8
M399715		10.18	<0.01	0.04	2.43	11	150	0.83	0.10	22.6	0.04	33.7	4.7	20	5.01	13.3
M399716		10.01	<0.01	0.04	2.36	16	170	0.77	0.10	24.1	0.06	32.8	4.8	22	5.81	10.6

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CERTIFICATE OF ANALYSIS WH13121803

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M399681		1.87	11.55	0.11	2.0	0.13	0.037	1.96	24.7	90.0	2.74	415	0.19	0.04	7.5	22.3
M399682		1.99	12.15	0.11	2.1	0.16	0.038	2.16	25.2	54.0	2.88	455	0.33	0.03	8.1	23.1
M399683		1.69	8.97	0.08	1.9	1.06	0.028	1.67	19.9	21.2	2.90	519	0.54	0.03	6.0	16.3
M399684		1.73	9.47	0.15	2.4	21.3	0.044	1.73	22.0	11.7	2.71	739	0.87	0.02	6.5	16.8
M399685		2.01	11.75	0.20	2.3	19.5	0.053	2.05	22.6	18.7	1.99	788	0.50	0.02	7.4	20.0
M399686		0.47	0.30	0.34	<0.1	0.03	<0.005	0.02	0.5	0.7	13.45	206	0.10	<0.01	0.2	2.4
M399687		1.27	7.76	0.09	1.4	2.71	0.025	1.39	17.5	9.3	2.68	395	0.24	0.02	5.0	14.0
M399688		1.13	6.49	0.06	1.3	6.28	0.022	1.21	15.4	7.7	2.41	558	0.35	0.02	4.3	11.5
M399689		1.22	5.76	0.21	1.3	11.0	0.070	0.97	11.5	15.3	0.99	998	0.75	0.01	4.2	11.3
M399690		0.47	0.31	0.37	<0.1	0.02	0.005	0.02	0.5	0.8	13.30	206	0.11	<0.01	0.2	2.3
M399691		2.05	13.30	0.12	2.6	3.88	0.038	2.34	27.1	35.4	4.98	450	0.57	0.03	8.1	22.0
M399692		1.53	9.00	0.08	1.7	0.06	0.028	1.51	20.0	42.9	3.63	231	0.39	0.04	5.9	16.1
M399693		1.43	8.73	0.08	1.7	0.03	0.025	1.21	20.5	46.2	3.23	256	0.39	0.03	5.8	15.0
M399694		1.98	10.10	0.08	1.9	0.05	0.029	1.25	21.8	41.5	4.02	247	0.28	0.04	6.3	18.0
M399695		1.84	10.95	0.08	2.3	0.07	0.032	1.39	24.7	37.7	4.38	274	0.58	0.04	7.2	21.1
M399696		1.19	6.49	0.05	1.2	0.03	0.020	0.74	15.4	20.2	2.46	260	0.34	0.03	4.3	11.5
M399697		1.13	6.40	0.05	1.1	0.03	0.019	0.73	14.2	38.5	2.49	285	0.49	0.03	4.1	11.5
M399698		1.82	9.85	0.07	1.8	0.05	0.030	1.29	22.4	55.3	3.48	328	0.61	0.36	6.5	16.9
M399699		0.88	1.44	<0.05	0.4	0.01	<0.005	0.18	6.7	4.7	0.68	207	0.14	0.05	1.1	2.6
M399700		0.81	2.44	<0.05	0.4	0.01	0.008	0.26	7.6	8.2	0.53	381	0.20	0.07	1.4	4.2
M399701		2.89	10.10	0.07	1.9	3.39	0.039	1.66	18.9	8.8	1.38	1160	1.70	0.02	6.3	24.0
M399702		1.51	7.52	0.05	1.1	0.04	0.024	0.88	20.4	25.4	0.30	177	0.32	0.08	3.9	11.2
M399703		1.93	10.85	0.07	1.7	0.05	0.031	1.36	25.3	35.5	0.38	221	0.47	0.19	5.6	14.4
M399704		1.92	10.85	0.09	1.6	0.05	0.034	1.36	25.6	35.7	0.37	224	0.49	0.19	5.5	14.7
M399705		1.29	6.67	0.07	0.9	0.03	0.019	0.79	16.8	22.9	0.44	172	0.39	0.14	3.3	10.2
M399706		1.39	7.62	0.07	1.1	0.03	0.024	0.99	18.8	27.6	0.42	260	0.35	0.18	4.0	10.9
M399707		1.16	5.47	0.06	0.8	0.02	0.017	0.65	13.5	24.4	0.35	234	0.32	0.12	2.9	7.8
M399708		2.86	9.33	0.07	2.0	3.53	0.037	1.68	18.4	8.6	1.37	1140	1.64	0.02	6.1	22.6
M399709		1.75	9.63	0.07	1.4	0.09	0.031	1.16	23.4	40.0	0.57	187	0.78	0.37	4.7	14.8
M399710		1.63	7.65	0.07	1.3	0.16	0.025	0.87	20.3	43.1	1.18	553	0.50	0.11	4.1	12.4
M399711		2.25	11.50	0.11	1.5	0.10	0.027	1.49	26.2	91.8	1.50	357	0.49	0.07	5.1	19.7
M399712		0.72	1.46	<0.05	0.3	0.01	<0.005	0.15	5.6	10.3	0.97	369	0.19	0.05	0.9	2.9
M399713		0.81	2.14	<0.05	0.4	0.01	<0.005	0.26	6.7	10.9	1.08	297	0.22	0.06	1.2	4.2
M399714		0.78	1.88	<0.05	0.4	0.01	<0.005	0.21	6.4	9.8	1.01	283	0.21	0.05	1.0	3.7
M399715		1.26	6.62	0.07	1.2	0.02	0.019	0.83	15.9	25.9	1.14	238	0.39	0.20	3.5	11.1
M399716		1.12	6.61	0.05	1.1	0.02	0.019	0.85	15.6	14.8	1.01	213	0.38	0.23	3.4	10.3

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Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399681		370	8.0	116.0	<0.002	0.11	0.31	6.8	2	1.7	452	0.61	<0.05	10.5	0.206	1.19
M399682		450	9.3	122.0	<0.002	0.33	0.40	7.2	2	1.8	372	0.64	<0.05	10.8	0.224	1.46
M399683		440	9.4	83.9	<0.002	0.65	2.07	5.2	2	1.3	433	0.46	<0.05	8.2	0.173	4.71
M399684		470	12.6	95.1	<0.002	3.00	142.0	4.8	3	1.5	332	0.52	0.15	10.1	0.186	122.5
M399685		520	14.6	106.0	<0.002	4.38	126.0	5.4	3	1.6	178.0	0.59	0.07	11.0	0.217	89.5
M399686		200	1.2	1.0	<0.002	0.01	0.25	0.1	1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.15
M399687		340	7.4	79.7	<0.002	0.35	7.44	4.5	2	1.1	496	0.39	<0.05	7.1	0.139	13.30
M399688		310	6.8	69.5	<0.002	0.55	12.80	3.7	2	0.9	515	0.33	<0.05	5.8	0.121	31.6
M399689		340	9.4	59.5	<0.002	5.67	224	3.5	3	1.0	271	0.32	0.12	6.4	0.120	64.0
M399690		190	1.3	0.9	<0.002	0.02	0.17	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.06
M399691		630	14.0	135.5	<0.002	0.93	15.15	7.5	3	1.8	295	0.65	<0.05	12.4	0.237	22.5
M399692		450	8.5	92.5	<0.002	0.10	0.41	5.0	2	1.2	444	0.46	<0.05	8.1	0.169	0.81
M399693		390	9.7	69.6	<0.002	0.07	0.32	5.1	2	1.2	477	0.46	<0.05	8.0	0.159	0.59
M399694		420	7.0	67.0	<0.002	0.41	0.43	5.7	2	1.4	444	0.51	<0.05	9.0	0.180	0.82
M399695		480	11.7	72.4	<0.002	0.34	0.34	6.3	3	1.5	359	0.56	<0.05	9.9	0.196	0.62
M399696		300	6.6	37.8	<0.002	0.07	0.31	3.8	2	0.9	499	0.32	<0.05	5.8	0.117	0.39
M399697		330	8.2	38.9	<0.002	0.08	0.27	3.7	2	0.9	629	0.31	<0.05	5.5	0.114	0.28
M399698		560	11.8	72.9	<0.002	0.18	0.39	5.8	3	1.4	416	0.52	<0.05	9.0	0.181	0.40
M399699		650	2.4	9.4	<0.002	0.27	0.09	1.3	1	0.2	1080	0.07	<0.05	1.5	0.031	0.08
M399700		520	3.1	14.1	<0.002	0.23	0.10	1.8	1	0.3	1040	0.09	<0.05	1.9	0.040	0.11
M399701		370	8.7	81.7	<0.002	2.42	10.20	8.7	2	1.5	693	0.47	0.06	6.1	0.264	10.65
M399702		400	7.6	48.0	<0.002	0.15	0.21	5.1	1	0.9	1260	0.30	<0.05	5.6	0.127	0.29
M399703		1140	11.4	71.6	0.002	0.27	0.26	6.8	2	1.2	913	0.45	<0.05	8.1	0.182	0.41
M399704		1110	11.2	72.7	0.002	0.26	0.27	6.8	2	1.2	909	0.44	<0.05	7.9	0.183	0.39
M399705		940	6.7	42.2	<0.002	0.57	0.20	4.2	2	0.7	1260	0.25	<0.05	4.4	0.103	0.23
M399706		500	8.1	54.4	<0.002	0.78	0.20	4.8	2	0.9	862	0.31	<0.05	5.6	0.126	0.27
M399707		410	5.6	34.3	<0.002	0.52	0.15	3.4	1	0.6	1010	0.21	<0.05	4.0	0.086	0.18
M399708		370	8.9	78.1	<0.002	2.41	9.84	8.4	2	1.4	690	0.47	0.07	6.2	0.254	10.80
M399709		810	10.8	61.3	0.002	1.02	0.29	6.0	2	1.1	846	0.37	<0.05	7.1	0.157	0.36
M399710		610	8.4	48.7	0.002	0.99	0.28	5.1	1	0.9	883	0.31	<0.05	5.7	0.130	0.38
M399711		510	11.5	80.8	<0.002	1.20	0.45	7.6	1	1.1	586	0.37	0.07	6.9	0.185	0.43
M399712		490	2.0	7.5	0.002	0.23	0.50	1.2	1	0.2	882	0.06	<0.05	1.3	0.028	0.07
M399713		540	2.7	13.1	<0.002	0.36	0.41	1.7	1	0.3	1015	0.08	<0.05	1.7	0.041	0.11
M399714		520	2.4	11.1	<0.002	0.35	0.37	1.5	1	0.3	1010	0.07	<0.05	1.5	0.034	0.09
M399715		530	8.5	51.6	0.002	0.90	0.20	4.4	1	0.8	771	0.26	<0.05	4.7	0.112	0.21
M399716		500	7.2	51.0	0.002	0.76	0.35	4.3	2	0.8	1155	0.25	<0.05	4.3	0.115	0.22

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121803

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M399681		8.5	61	1.2	14.2	63	68.6	
M399682		11.6	66	1.5	13.9	67	72.7	
M399683		11.0	53	2.3	13.2	64	74.8	
M399684		12.0	53	4.1	12.0	53	81.4	3.99
M399685		9.7	66	5.4	12.1	107	81.8	5.88
M399686		0.7	2	0.1	0.7	14	<0.5	
M399687		7.2	44	2.8	11.6	47	52.5	
M399688		8.8	37	2.6	10.2	40	45.8	
M399689		13.8	36	4.5	15.2	61	46.2	10.00
M399690		0.8	2	0.1	0.8	14	<0.5	
M399691		8.5	74	3.8	16.7	74	90.2	
M399692		6.7	52	0.7	12.5	54	58.9	
M399693		7.1	51	0.7	12.7	53	59.0	
M399694		3.6	50	1.0	13.2	54	66.7	
M399695		5.9	61	0.9	15.7	63	79.2	
M399696		8.2	35	0.6	9.6	36	43.6	
M399697		9.7	38	0.5	8.8	45	38.3	
M399698		7.9	58	0.7	14.3	58	62.0	
M399699		1.0	6	0.4	5.6	5	14.6	
M399700		1.0	9	0.4	5.4	11	15.0	
M399701		2.4	75	5.5	16.8	45	66.5	
M399702		1.8	27	0.6	10.5	26	39.8	
M399703		2.8	39	0.9	12.4	44	56.2	
M399704		2.6	41	0.9	12.4	44	55.8	
M399705		1.9	25	0.5	9.6	27	32.1	
M399706		1.9	27	0.6	8.2	28	37.3	
M399707		1.7	19	0.4	7.0	29	27.6	
M399708		2.4	73	5.5	16.2	44	64.6	
M399709		2.5	38	0.8	10.9	40	44.3	
M399710		2.1	29	0.6	11.4	29	42.9	
M399711		2.1	42	0.9	13.9	49	53.3	
M399712		1.2	7	0.2	4.6	9	11.8	
M399713		1.3	9	0.2	4.9	9	13.8	
M399714		1.2	8	0.2	4.7	6	12.6	
M399715		1.7	24	0.6	8.8	31	36.9	
M399716		1.7	25	0.5	8.5	35	35.4	

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121803

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

CERTIFICATE WH13121804

Project: Nadaleen
P.O. No.: 13-012
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121804

Sample Description / Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M399717	12.03	<0.01	0.04	2.78	8	150	0.79	0.11	23.5	0.08	36.7	5.1	25	7.08	12.3
M399718	12.27	<0.01	0.04	3.16	19	170	1.00	0.12	20.1	0.07	45.4	5.3	28	9.02	12.4
M399719	12.82	<0.01	0.02	1.13	25	150	0.39	0.05	29.2	0.02	15.70	2.1	10	2.58	5.6
M399720	8.30	<0.01	0.02	1.38	21	100	0.50	0.06	28.6	0.03	20.4	2.5	13	3.37	6.7
M399721	6.76	<0.01	<0.01	0.05	<5	60	0.05	0.03	21.7	0.07	1.12	0.7	<1	0.12	2.1
M399722	11.24	<0.01	0.02	1.95	13	140	0.57	0.09	28.9	0.02	28.5	3.6	16	4.57	8.3
M399723	7.91	<0.01	0.03	2.39	10	170	0.73	0.10	25.8	0.02	32.4	4.4	19	5.62	9.9
M399724	12.75	<0.01	0.02	1.55	9	150	0.52	0.07	28.5	0.02	23.1	3.1	13	4.19	7.1
M399725	11.51	<0.01	0.04	1.98	16	160	0.60	0.08	27.1	0.04	26.2	4.0	17	5.56	8.8
M399726	0.27	0.50	0.10	3.59	2560	200	0.91	0.14	19.15	0.15	40.1	11.4	43	10.35	43.6
M399727	12.29	<0.01	0.01	0.43	8	50	0.15	0.03	28.5	0.05	6.87	1.3	4	0.87	3.5
M399728	12.29	<0.01	0.01	0.27	6	50	0.15	0.03	32.8	0.04	5.19	1.0	<1	0.41	3.5
M399729	12.60	<0.01	0.01	0.13	12	30	0.13	0.03	30.9	0.06	3.13	0.7	<1	0.12	2.5
M399730	12.12	<0.01	0.02	0.27	26	50	0.22	0.04	30.3	0.44	5.10	1.3	<1	0.30	5.5
M399731	12.49	<0.01	0.02	0.21	11	60	0.17	0.03	29.7	0.08	4.21	0.9	<1	0.26	2.8
M399732	6.10	<0.01	0.02	0.70	59	80	0.41	0.05	32.8	0.05	10.50	1.8	<1	1.08	4.4
M399733	2.57	<0.01	0.02	0.69	67	70	0.40	0.05	32.9	0.04	10.35	1.7	<1	1.03	4.2
M399734	9.43	<0.01	0.06	7.40	137.5	360	2.01	0.30	4.88	0.05	77.4	14.4	59	12.10	28.9
M399735	12.21	<0.01	0.05	8.32	6.4	420	2.36	0.33	1.09	<0.02	86.3	15.3	64	16.10	32.1
M399736	10.65	<0.01	0.07	8.45	17.8	450	2.12	0.35	1.89	0.04	91.4	17.1	65	8.75	32.7
M399737	8.77	<0.01	0.06	7.57	20.5	260	1.94	0.33	6.63	0.04	84.6	14.7	56	8.77	29.6
M399738	12.58	<0.01	0.06	4.72	12	190	1.19	0.20	19.25	0.02	55.6	9.1	28	5.49	17.1
M399739	12.77	0.01	0.07	5.11	15	240	1.41	0.24	16.00	0.08	65.1	10.3	35	8.69	20.4
M399740	<0.02	0.01	0.05	5.10	14	240	1.31	0.23	16.00	0.08	63.2	10.0	36	8.49	19.9
M399741	11.94	<0.01	0.09	6.68	14.3	270	1.78	0.27	4.76	<0.02	81.2	13.6	61	12.10	24.4
M399742	12.32	<0.01	0.04	4.21	13	230	1.15	0.18	17.30	0.07	51.1	8.0	34	8.06	16.4
M399743	12.35	<0.01	0.03	2.67	3.8	110	0.70	0.12	2.98	0.03	36.8	4.4	21	5.37	9.6
M399744	12.04	<0.01	0.05	3.23	15	160	0.95	0.13	19.95	0.05	44.4	5.1	26	6.68	10.6
M399745	6.83	<0.01	0.03	0.07	<5	40	0.11	0.04	22.5	0.09	1.39	0.7	<1	0.25	1.8
M399746	12.57	<0.01	0.07	4.82	11	250	1.27	0.20	18.05	0.10	55.9	8.4	35	9.99	17.6
M399747	12.61	<0.01	0.04	2.09	<5	100	0.72	0.10	29.4	0.03	27.6	3.7	12	4.64	7.7
M399748	12.58	0.01	0.05	3.48	13	190	0.94	0.15	23.0	0.05	42.9	6.0	23	7.45	12.9
M399749	12.90	<0.01	0.09	6.94	22	310	1.75	0.31	11.60	0.08	75.4	12.3	54	14.05	27.0
M399750	0.27	0.49	0.13	3.84	2600	210	0.99	0.16	19.85	0.14	41.5	11.7	39	10.10	44.4
M399751	12.22	<0.01	0.06	4.84	16	210	1.21	0.18	20.9	0.06	52.4	7.8	36	9.48	17.3
M399752	12.24	<0.01	0.06	4.98	18	220	1.27	0.20	21.6	0.05	55.1	8.2	38	10.20	18.5

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121804

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M399717		1.34	7.12	0.15	1.2	0.04	0.018	0.92	18.6	17.9	1.20	206	0.39	0.40	3.6	10.6
M399718		1.54	8.33	0.14	1.7	0.05	0.024	1.10	23.1	20.6	1.07	195	0.40	0.38	4.8	11.7
M399719		0.68	2.96	0.11	0.6	0.02	<0.005	0.36	7.5	12.4	1.84	143	0.22	0.10	1.6	3.7
M399720		0.86	3.60	0.13	0.7	0.02	0.006	0.45	9.6	10.7	1.60	150	0.25	0.20	1.9	4.6
M399721		0.47	0.19	0.14	<0.1	<0.01	<0.005	0.02	0.6	1.0	12.65	209	0.25	<0.01	0.1	1.4
M399722		1.01	5.05	0.17	1.0	0.04	0.010	0.68	14.8	13.0	0.74	143	0.22	0.19	2.8	7.1
M399723		1.22	6.11	0.14	1.1	0.07	0.012	0.85	16.5	22.2	1.13	211	0.23	0.20	3.2	8.6
M399724		0.93	3.99	0.14	0.8	0.06	0.008	0.61	11.8	11.8	1.45	185	0.21	0.10	2.1	5.5
M399725		0.96	5.15	0.14	0.9	0.10	0.011	0.79	13.6	23.4	1.30	235	0.28	0.04	2.5	7.6
M399726		3.01	9.94	0.14	2.1	3.50	0.030	1.73	20.7	9.2	1.39	1210	1.62	0.02	6.0	25.2
M399727		0.33	1.22	0.12	0.2	0.04	<0.005	0.16	3.2	7.7	5.72	191	0.14	0.01	0.6	2.0
M399728		0.24	0.77	0.06	0.1	0.02	0.006	0.10	2.2	4.1	3.33	277	0.16	0.01	0.4	1.7
M399729		0.22	0.41	0.09	0.1	0.01	0.006	0.05	1.3	2.0	6.49	267	0.12	0.01	0.2	1.8
M399730		0.29	0.78	0.10	0.2	0.02	0.008	0.11	2.7	2.6	5.65	344	0.21	0.01	0.4	2.8
M399731		0.22	0.64	0.12	0.1	0.02	0.007	0.09	1.7	1.2	4.90	216	0.12	0.01	0.3	2.3
M399732		0.70	1.85	0.08	0.3	0.09	0.011	0.31	4.9	2.7	1.68	407	0.14	0.01	1.0	3.4
M399733		0.77	1.77	0.08	0.3	0.08	0.010	0.29	4.8	3.5	1.69	439	0.13	0.01	0.9	3.3
M399734		4.34	20.4	0.19	2.8	0.33	0.072	2.92	40.2	156.0	2.02	594	0.37	0.07	11.4	32.5
M399735		4.29	21.4	0.17	3.4	0.02	0.069	3.31	45.5	116.0	1.45	680	0.30	0.06	12.3	32.9
M399736		4.31	21.4	0.19	2.9	0.05	0.066	2.56	48.0	126.0	1.48	697	0.44	0.22	11.5	35.0
M399737		3.88	19.45	0.18	2.7	0.06	0.065	2.46	44.4	119.5	1.37	708	0.48	0.21	10.5	29.5
M399738		2.54	11.45	0.13	1.8	0.05	0.038	1.48	29.1	55.8	0.85	484	0.27	0.11	6.2	18.3
M399739		2.64	13.00	0.17	2.0	0.07	0.049	1.83	33.4	66.0	0.77	336	0.32	0.13	7.0	21.7
M399740		2.64	12.70	0.13	2.0	0.07	0.051	1.83	32.6	64.9	0.77	336	0.32	0.13	6.9	21.2
M399741		3.40	16.90	0.18	2.8	0.11	0.055	2.51	42.3	96.9	1.21	410	0.46	0.16	9.7	28.2
M399742		2.50	10.50	0.13	1.8	0.07	0.042	1.58	26.2	46.8	2.81	569	0.39	0.14	6.1	16.9
M399743		1.22	6.67	0.12	0.9	0.02	0.026	1.01	19.0	25.7	0.36	141	0.26	0.09	3.5	9.9
M399744		1.80	8.10	0.13	1.6	0.05	0.033	1.20	22.9	28.4	0.82	239	0.45	0.25	5.1	12.3
M399745		0.49	0.28	0.13	<0.1	<0.01	0.016	0.03	0.7	1.4	13.50	215	0.15	<0.01	0.2	2.0
M399746		2.19	11.55	0.19	1.6	0.05	0.047	1.68	29.1	53.9	1.35	395	0.57	0.30	6.0	19.4
M399747		1.29	5.12	0.10	0.8	0.02	0.022	0.70	14.0	24.0	0.93	358	0.29	0.21	2.8	8.5
M399748		1.79	8.52	0.16	1.4	0.03	0.035	1.19	22.4	39.1	0.82	226	0.41	0.26	4.7	14.1
M399749		2.86	17.50	0.18	2.3	0.07	0.059	2.47	41.0	62.9	0.85	310	0.70	0.40	8.6	28.4
M399750		3.11	10.15	0.14	2.0	3.51	0.048	1.82	20.8	9.9	1.49	1200	1.73	0.02	6.5	27.1
M399751		2.02	11.60	0.16	1.6	0.05	0.038	1.65	28.2	51.1	0.75	240	0.62	0.30	6.0	18.8
M399752		2.17	12.05	0.14	1.6	0.05	0.040	1.68	29.4	55.4	0.83	238	0.76	0.37	6.1	20.0

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Finalized Date: 15-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121804

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M399717		680	8.0	48.9	<0.002	0.99	0.26	4.8	1	0.8	943	0.28	<0.05	5.0	0.129	0.19
M399718		820	9.8	60.2	<0.002	1.17	0.28	5.7	2	0.9	823	0.37	<0.05	6.1	0.166	0.23
M399719		450	3.8	19.0	<0.002	0.34	0.12	2.1	1	0.3	923	0.12	<0.05	2.2	0.058	0.05
M399720		520	4.5	23.9	<0.002	0.46	0.13	2.6	1	0.4	908	0.15	<0.05	2.6	0.069	0.07
M399721		190	1.4	0.8	<0.002	<0.01	<0.05	0.2	<1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	<0.02
M399722		410	5.9	37.3	<0.002	0.68	0.15	3.7	1	0.6	947	0.22	<0.05	4.0	0.097	0.11
M399723		390	6.5	45.4	<0.002	0.76	0.15	4.3	1	0.7	740	0.26	<0.05	4.4	0.112	0.13
M399724		340	4.7	31.6	<0.002	0.54	0.16	2.9	1	0.4	1040	0.16	<0.05	3.1	0.075	0.09
M399725		480	5.9	40.9	<0.002	0.62	0.32	3.7	1	0.5	893	0.19	<0.05	3.6	0.089	0.20
M399726		380	9.2	80.3	<0.002	2.63	9.55	9.5	2	1.4	703	0.46	0.06	5.9	0.275	10.75
M399727		520	1.7	8.2	<0.002	0.17	0.14	0.9	1	<0.2	791	<0.05	<0.05	0.9	0.021	0.04
M399728		1110	1.6	4.8	0.003	0.13	0.22	0.7	<1	0.2	1010	<0.05	<0.05	0.6	0.014	0.08
M399729		1030	0.9	2.2	0.007	0.07	0.18	0.5	1	0.2	604	<0.05	<0.05	0.3	0.007	0.05
M399730		840	1.3	4.9	0.008	0.13	0.24	0.7	1	0.2	820	<0.05	<0.05	0.6	0.013	0.12
M399731		850	1.1	4.2	0.009	0.10	0.25	0.6	1	0.2	985	<0.05	<0.05	0.5	0.011	0.19
M399732		630	3.0	14.5	0.009	0.30	0.42	1.8	2	0.3	791	0.07	0.05	1.3	0.032	0.34
M399733		530	2.8	13.8	0.007	0.29	0.44	1.8	1	0.3	765	0.07	0.05	1.2	0.031	0.33
M399734		680	24.8	96.0	0.008	3.03	0.54	14.9	2	2.5	547	0.91	0.11	12.2	0.378	1.64
M399735		490	22.1	155.0	0.003	0.06	0.32	16.5	1	2.6	168.5	0.94	<0.05	15.2	0.422	0.81
M399736		540	21.5	110.0	0.005	0.87	0.71	15.4	2	2.4	255	0.88	0.06	15.0	0.386	0.78
M399737		510	21.4	108.0	0.011	1.11	0.50	14.0	2	2.2	297	0.81	0.10	14.0	0.347	0.77
M399738		440	13.2	67.8	0.006	0.77	0.33	8.2	1	1.4	530	0.51	<0.05	8.6	0.215	0.46
M399739		610	16.3	87.2	0.012	1.19	0.35	9.3	1	1.6	565	0.57	0.08	9.3	0.236	0.53
M399740		610	16.3	85.3	0.007	1.19	0.33	9.1	1	1.5	563	0.57	<0.05	9.3	0.236	0.53
M399741		790	21.1	116.0	0.009	1.82	0.45	12.5	2	2.1	202	0.77	0.06	12.5	0.327	0.77
M399742		1330	12.8	76.8	0.011	1.29	0.32	7.8	1	1.3	447	0.47	<0.05	7.7	0.204	0.53
M399743		210	6.4	46.4	0.008	0.50	0.36	4.3	1	0.8	102.5	0.27	0.06	5.8	0.124	0.28
M399744		1140	9.5	59.0	0.010	1.34	0.30	5.9	2	1.1	734	0.40	<0.05	6.3	0.175	0.40
M399745		200	1.4	1.7	0.016	<0.01	0.11	0.2	2	0.2	50.9	<0.05	0.08	<0.2	<0.005	0.06
M399746		740	12.3	82.1	0.022	1.55	0.36	8.1	3	1.3	646	0.49	0.18	8.2	0.204	0.56
M399747		810	6.1	35.8	0.012	0.82	0.21	3.8	1	0.7	843	0.22	0.06	3.8	0.095	0.25
M399748		690	9.3	60.8	0.014	1.25	0.28	6.3	2	1.1	682	0.38	0.09	6.2	0.162	0.39
M399749		500	18.9	121.5	0.014	2.33	0.45	12.3	3	1.9	395	0.67	0.11	12.1	0.283	0.77
M399750		390	9.2	82.2	0.013	2.62	9.92	10.1	2	1.6	724	0.50	0.12	6.0	0.274	11.05
M399751		870	11.9	81.8	0.011	1.56	0.32	8.0	2	1.3	729	0.49	0.06	8.1	0.202	0.42
M399752		920	12.6	83.6	0.011	1.74	0.34	8.3	2	1.4	811	0.47	<0.05	8.1	0.203	0.47

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121804

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M399717		1.7	28	0.6	9.5	45	42.5
M399718		1.9	33	0.7	12.4	41	61.1
M399719		1.1	12	0.3	4.7	13	22.4
M399720		1.2	15	0.3	5.9	17	26.5
M399721		0.5	2	0.1	0.8	17	<0.5
M399722		1.6	17	0.4	7.2	23	34.5
M399723		1.5	22	0.4	8.0	29	37.2
M399724		1.2	15	0.3	6.1	18	27.0
M399725		1.5	21	0.4	6.3	21	29.9
M399726		2.4	75	5.4	16.4	51	67.9
M399727		1.0	6	0.1	2.8	5	7.4
M399728		1.5	5	0.1	3.1	4	5.6
M399729		1.1	3	0.1	2.0	3	3.2
M399730		1.0	4	0.1	3.8	14	5.5
M399731		1.2	4	0.1	2.8	4	4.8
M399732		1.3	9	0.3	4.1	15	12.9
M399733		1.0	8	0.3	4.3	9	11.7
M399734		2.6	81	3.0	18.2	97	98.2
M399735		2.5	89	1.6	20.4	93	120.0
M399736		2.8	85	1.6	20.4	104	104.5
M399737		3.0	75	1.4	19.2	82	98.3
M399738		2.5	43	1.2	13.6	48	63.8
M399739		2.8	48	1.0	16.5	96	74.1
M399740		2.8	50	1.0	16.4	96	77.0
M399741		2.9	69	1.5	20.0	61	105.0
M399742		2.8	45	0.9	15.1	43	65.9
M399743		1.2	25	0.5	6.2	22	33.8
M399744		2.4	35	0.8	13.5	37	61.5
M399745		0.8	2	0.1	0.9	15	0.6
M399746		2.7	43	0.9	13.7	67	60.5
M399747		1.7	19	0.4	7.7	22	33.4
M399748		2.2	32	0.7	11.7	41	50.5
M399749		3.8	63	1.3	14.4	73	81.5
M399750		2.6	75	5.7	17.7	47	69.6
M399751		3.1	43	1.0	12.7	49	64.5
M399752		3.2	45	1.0	13.6	54	58.4

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121804

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2013
Account: RCM

CERTIFICATE WH13121805

Project: Nadaleen

P.O. No.: 13- 013

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- JUL- 2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70%<2mm
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg- CV41	Trace Hg - cold vapor/AAS	FIMS
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121805

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M397581		12.66	<0.01	0.03	5.97	11	460	1.73	0.26	11.30	0.08	64.0	9.5	39	22.7	37.9
M397582		12.67	<0.01	0.03	6.22	9.6	380	2.01	0.28	8.42	0.14	74.1	12.5	45	26.6	18.6
M397583		7.19	<0.01	0.01	8.43	84.7	800	2.99	0.39	2.74	0.05	79.3	11.0	67	32.8	31.7
M397584		11.08	<0.01	0.02	1.21	101	310	0.49	0.06	18.55	0.21	20.9	9.4	14	3.66	31.2
M397585		0.28	0.50	0.12	3.91	2680	220	0.96	0.16	20.2	0.12	41.9	11.8	39	10.35	44.6
M397586		13.82	<0.01	0.02	1.50	68	230	0.71	0.07	17.65	0.04	20.9	4.2	7	4.63	7.5
M397587		12.87	<0.01	0.02	0.71	42	220	0.32	0.04	20.6	0.26	13.55	1.6	2	1.23	4.3
M397588		13.83	<0.01	0.02	0.49	30	590	0.26	0.02	20.5	2.99	8.99	0.7	3	1.14	3.6
M397589		13.69	<0.01	0.02	0.67	68	100	0.33	0.03	21.4	0.24	8.52	0.8	2	1.42	2.4
M397590		13.13	<0.01	0.06	0.48	50	80	0.28	0.03	22.4	0.12	7.71	1.4	1	0.93	4.7
M397591		13.39	0.01	0.06	0.76	77	90	0.36	0.03	21.2	0.03	8.51	1.7	2	1.68	7.1
M397592		12.92	<0.01	0.08	0.68	57	60	0.35	0.04	20.7	0.04	9.30	1.5	2	1.20	6.7
M397593		5.55	<0.01	0.08	0.64	47	50	0.35	0.04	20.8	0.03	9.10	1.5	2	1.15	6.2
M397594		9.35	0.01	0.08	2.33	18	150	0.82	0.07	24.6	0.17	30.2	4.3	21	9.08	12.5
M397595		8.91	0.01	0.08	1.95	8	140	0.74	0.07	25.9	0.08	24.6	3.7	15	8.47	12.5
M397596		8.33	0.01	0.08	1.92	37	160	0.74	0.06	25.0	0.16	25.6	3.7	16	5.48	12.3
M397597		8.63	0.01	0.06	1.93	29	220	0.78	0.06	25.6	0.31	26.0	3.9	16	6.00	13.4
M397598		9.39	0.55	0.04	1.81	650	380	0.76	0.06	23.0	0.21	22.3	3.3	16	5.37	10.2
M397599		4.94	<0.01	0.02	0.04	7	20	0.09	0.03	21.2	0.07	1.09	0.7	<1	0.21	1.8
M397600		7.87	<0.01	0.05	2.25	68	580	0.94	0.07	24.6	0.14	28.9	4.2	20	7.30	14.2
M397601		7.58	<0.01	0.07	1.90	15	1000	0.73	0.05	25.1	0.20	25.1	3.7	15	4.95	12.5
M397602		8.70	<0.01	0.09	2.53	8	160	0.89	0.09	21.2	0.15	32.2	5.1	22	8.58	19.2
M397603		8.60	0.65	0.05	3.38	618	180	1.34	0.12	16.70	0.10	40.8	6.3	32	9.33	23.3
M397604		9.28	0.01	0.06	2.81	10	240	1.00	0.09	22.1	0.07	33.5	5.5	25	8.71	20.2
M397605		8.66	<0.01	0.05	2.30	7	290	0.85	0.09	25.0	0.08	29.0	4.6	20	5.92	14.0
M397606		0.28	0.50	0.11	3.66	2520	200	0.96	0.15	18.85	0.14	40.2	11.3	38	10.75	41.9
M397607		8.38	<0.01	0.04	2.53	7	90	0.92	0.08	22.6	0.11	32.3	4.7	23	5.02	17.8
M397608		9.02	<0.01	0.05	1.52	12	110	0.62	0.05	29.0	0.31	20.0	2.9	12	1.88	11.0
M397609		8.62	<0.01	0.05	1.55	10	60	0.61	0.05	28.7	0.33	21.5	3.0	13	1.46	10.7
M397610		<0.02	<0.01	0.06	1.53	7	60	0.64	0.06	27.7	0.29	21.3	3.1	12	1.49	12.2
M397611		7.89	<0.01	0.05	4.14	15	130	1.34	0.12	17.50	0.06	51.0	7.5	38	4.70	28.4
M397612		8.70	<0.01	0.45	4.23	25	120	1.43	0.13	14.05	0.34	54.7	10.1	51	5.20	32.2
M397613		9.59	<0.01	0.08	5.11	26.4	210	1.58	0.17	9.83	0.07	60.1	13.1	52	5.01	74.3
M397614		8.40	<0.01	0.09	2.41	25	240	0.64	0.07	10.35	0.04	32.0	11.6	21	1.87	103.0
M397615		4.79	<0.01	0.01	0.06	7	30	0.06	0.02	22.0	0.07	1.32	0.7	<1	0.20	1.8
M397616		8.95	<0.01	0.06	7.86	15.9	1210	2.49	0.29	2.01	<0.02	84.9	16.6	60	13.90	81.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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ALS Minerals

To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121805

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M397581		2.62	15.80	0.17	2.5	0.02	0.051	3.26	35.5	22.9	4.28	415	0.34	0.04	8.9	23.6
M397582		2.62	16.25	0.18	3.0	0.05	0.056	3.45	39.1	25.8	4.32	513	0.35	0.05	9.9	28.9
M397583		3.06	24.5	0.22	3.4	0.17	0.083	4.85	39.8	33.2	2.04	192	0.47	0.04	14.1	33.6
M397584		3.31	3.21	0.08	0.7	0.36	0.015	0.61	10.3	7.8	10.20	606	3.07	0.02	2.0	20.1
M397585		3.17	10.25	0.12	1.9	3.56	0.041	1.87	21.2	9.8	1.52	1240	1.77	0.02	6.6	27.0
M397586		1.00	4.13	0.09	0.9	0.28	0.014	0.79	11.0	10.9	10.55	586	0.25	0.02	2.4	8.3
M397587		0.97	2.06	0.09	0.6	0.37	0.008	0.36	8.1	3.9	11.90	600	0.16	0.01	1.3	3.1
M397588		0.52	1.52	0.11	0.4	1.20	0.006	0.25	5.3	3.4	12.05	329	0.12	0.01	0.9	1.5
M397589		1.23	1.79	0.10	0.4	0.39	0.008	0.33	4.7	4.3	11.35	937	0.13	0.01	1.1	2.0
M397590		0.76	1.27	0.09	0.3	0.37	0.008	0.22	4.2	3.2	12.50	517	0.46	0.01	0.8	4.1
M397591		0.68	1.96	0.10	0.4	0.54	0.007	0.36	4.7	5.4	12.10	365	0.50	0.02	1.2	4.8
M397592		0.46	1.78	0.11	0.5	0.39	0.008	0.32	5.5	3.7	11.75	222	0.47	0.02	1.1	3.8
M397593		0.46	1.64	0.11	0.5	0.35	<0.005	0.30	5.2	3.7	11.60	214	0.48	0.02	1.0	3.4
M397594		1.06	5.87	0.15	1.3	0.19	0.017	1.18	16.3	37.5	1.79	139	0.73	0.02	3.7	10.9
M397595		0.91	5.04	0.14	1.1	0.12	0.013	0.98	14.0	38.5	2.14	145	0.40	0.02	3.2	9.5
M397596		0.92	4.99	0.15	1.0	0.16	0.015	0.96	14.2	43.9	2.77	142	0.87	0.02	3.3	9.5
M397597		0.89	5.22	0.15	1.1	0.22	0.013	0.96	14.5	36.1	2.53	157	0.63	0.02	3.5	10.0
M397598		0.85	4.74	0.14	1.3	2.10	0.016	0.94	11.8	15.2	3.14	713	0.56	0.02	3.1	8.4
M397599		0.44	0.18	0.13	<0.1	0.01	0.009	0.02	0.5	1.0	12.70	197	0.07	<0.01	0.1	2.1
M397600		1.03	5.75	0.15	1.2	0.19	0.020	1.14	15.7	28.9	3.00	254	0.51	0.02	3.8	11.0
M397601		0.97	4.94	0.16	1.0	0.13	0.018	0.89	13.6	43.2	2.86	180	0.92	0.02	3.2	9.3
M397602		1.26	6.61	0.15	1.5	0.10	0.024	1.28	17.3	41.8	3.22	357	0.47	0.08	4.5	12.8
M397603		1.65	8.89	0.17	1.8	1.22	0.034	1.71	21.8	27.2	3.79	502	0.35	0.03	5.7	16.5
M397604		1.28	7.32	0.15	1.4	0.10	0.027	1.43	17.9	58.7	2.61	582	0.24	0.08	4.8	13.9
M397605		1.15	5.93	0.14	1.2	0.06	0.020	0.98	15.7	48.2	2.42	583	0.47	0.18	3.9	11.6
M397606		2.96	9.67	0.16	2.0	3.38	0.045	1.74	20.0	9.4	1.42	1160	1.65	0.02	6.3	25.3
M397607		1.19	6.45	0.13	1.4	0.08	0.022	1.12	16.9	56.9	2.70	773	0.45	0.15	4.3	12.2
M397608		0.71	3.97	0.14	0.9	0.05	0.019	0.51	10.7	30.7	1.59	919	0.43	0.23	2.7	7.3
M397609		0.80	4.06	0.13	0.8	0.06	0.017	0.46	11.4	27.6	1.94	1220	0.48	0.23	2.7	7.7
M397610		0.79	4.11	0.11	0.9	0.05	0.017	0.46	11.7	27.7	1.91	1190	0.49	0.22	2.8	7.6
M397611		1.89	10.75	0.14	2.0	0.05	0.032	1.34	26.6	65.2	3.18	1510	0.41	0.36	7.0	20.0
M397612		1.84	10.65	0.14	2.5	0.14	0.031	1.41	28.2	49.7	2.83	1800	1.83	0.46	7.6	20.5
M397613		1.77	13.50	0.16	2.6	0.04	0.038	2.06	31.0	56.7	4.92	2240	0.67	0.27	8.9	24.0
M397614		1.06	6.13	0.11	2.1	0.04	0.015	0.96	16.0	19.8	6.26	4680	1.71	0.20	4.5	9.5
M397615		0.49	0.22	0.09	<0.1	<0.01	0.005	0.02	0.6	1.3	13.15	217	0.06	<0.01	0.2	1.9
M397616		3.81	21.2	0.22	3.6	0.06	0.069	3.50	44.1	51.7	2.52	696	0.49	0.17	12.7	35.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121805

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397581		1140	8.4	128.0	0.004	0.16	0.33	12.0	1	2.0	297	0.69	<0.05	10.8	0.289	0.63
M397582		1960	13.6	134.0	0.003	0.74	0.43	12.4	1	2.1	125.0	0.78	<0.05	11.8	0.330	0.74
M397583		930	17.7	129.5	0.007	1.89	0.82	17.3	2	3.0	105.0	1.05	0.05	13.2	0.451	1.82
M397584		2500	10.0	21.9	0.003	2.82	0.68	2.6	<1	0.5	110.0	0.15	<0.05	2.4	0.065	2.61
M397585		400	9.6	84.1	0.004	2.66	10.10	10.1	2	1.5	738	0.48	0.08	6.1	0.281	11.50
M397586		1200	8.6	29.7	0.003	0.50	1.73	3.0	<1	0.6	83.6	0.19	<0.05	3.1	0.074	1.13
M397587		960	9.7	11.3	0.003	0.58	1.87	1.3	1	0.3	109.5	0.10	<0.05	1.7	0.035	0.74
M397588		450	2.9	7.5	0.004	0.16	0.43	0.9	1	0.3	83.9	0.07	<0.05	1.2	0.025	0.37
M397589		140	3.8	9.9	0.002	0.17	0.66	1.2	<1	0.3	121.0	0.09	<0.05	1.4	0.032	0.82
M397590		140	8.3	6.8	0.007	0.21	1.60	0.9	1	0.2	108.0	0.06	<0.05	1.0	0.022	0.94
M397591		190	10.2	11.0	0.006	0.29	2.04	1.3	1	0.3	96.7	0.10	<0.05	1.4	0.034	1.81
M397592		190	9.7	9.7	<0.002	0.24	4.80	1.2	1	0.3	129.0	0.09	<0.05	1.4	0.032	1.11
M397593		170	10.9	9.2	<0.002	0.23	5.96	1.2	<1	0.3	132.0	0.09	<0.05	1.4	0.030	0.99
M397594		320	7.8	50.8	<0.002	0.30	0.26	4.0	1	0.9	1290	0.29	<0.05	5.1	0.108	0.78
M397595		250	6.0	44.2	0.005	0.17	0.21	3.4	1	0.8	1130	0.25	<0.05	4.3	0.091	0.61
M397596		270	7.1	45.9	0.009	0.19	0.25	3.3	2	0.8	1160	0.26	<0.05	4.3	0.093	0.75
M397597		350	7.2	46.8	0.003	0.20	0.28	3.4	1	0.8	1550	0.27	<0.05	4.4	0.094	0.96
M397598		230	7.7	44.9	<0.002	0.43	0.50	3.1	1	0.8	1280	0.25	<0.05	4.3	0.091	8.67
M397599		170	1.2	1.0	0.003	<0.01	0.08	0.2	1	0.2	49.4	<0.05	0.06	<0.2	<0.005	0.04
M397600		350	8.0	50.0	0.002	0.43	0.25	3.9	2	0.9	1130	0.31	<0.05	5.1	0.109	0.84
M397601		250	7.9	42.0	0.003	0.26	0.28	3.3	3	0.8	1350	0.26	<0.05	4.2	0.090	0.53
M397602		320	7.0	58.3	0.005	0.13	0.30	4.3	2	1.0	502	0.34	<0.05	5.5	0.124	0.40
M397603		370	8.4	79.2	0.002	0.69	0.51	5.7	2	1.3	390	0.46	<0.05	7.3	0.162	3.16
M397604		350	8.0	70.9	0.002	0.07	0.27	4.9	2	1.1	544	0.39	0.05	6.0	0.134	0.48
M397605		270	7.5	51.0	0.005	0.11	0.32	4.0	1	0.9	595	0.32	<0.05	5.0	0.111	0.33
M397606		360	9.1	79.1	<0.002	2.50	9.55	9.5	2	1.5	688	0.47	0.07	5.7	0.265	10.25
M397607		370	8.6	55.7	0.006	0.09	0.26	4.3	2	1.0	567	0.34	<0.05	5.7	0.122	0.39
M397608		210	9.0	24.0	0.005	0.10	0.18	2.7	2	0.6	914	0.22	<0.05	3.4	0.075	0.19
M397609		220	10.6	20.1	<0.002	0.12	0.18	2.8	1	0.7	1170	0.20	<0.05	3.6	0.076	0.13
M397610		210	10.9	20.7	<0.002	0.12	0.19	2.8	2	0.7	1130	0.22	<0.05	3.7	0.076	0.16
M397611		510	12.1	58.5	<0.002	0.12	0.27	7.0	2	1.6	399	0.57	<0.05	9.0	0.198	0.29
M397612		700	51.9	57.2	<0.002	0.39	0.48	7.1	3	1.6	482	0.61	<0.05	10.2	0.220	0.42
M397613		550	20.7	79.9	<0.002	0.15	0.37	8.8	2	2.0	246	0.70	<0.05	11.2	0.250	0.43
M397614		290	12.5	36.4	<0.002	0.10	0.19	4.0	2	0.9	175.0	0.36	<0.05	6.2	0.129	0.20
M397615		190	1.4	1.2	<0.002	<0.01	0.12	0.2	1	0.2	51.9	<0.05	<0.05	<0.2	<0.005	0.03
M397616		440	11.6	133.5	<0.002	0.05	0.48	16.1	2	2.7	125.5	0.98	<0.05	14.2	0.406	0.76

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121805

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M397581		5.0	80	1.4	19.8	24	95.6
M397582		3.7	87	1.5	25.8	41	108.0
M397583		2.4	106	2.4	23.2	32	126.5
M397584		4.5	18	0.7	12.3	64	30.1
M397585		2.6	79	5.8	17.9	49	71.3
M397586		5.8	22	0.9	8.7	7	36.5
M397587		5.3	15	0.6	8.4	40	23.8
M397588		8.6	12	0.3	5.1	679	15.2
M397589		13.5	15	0.9	3.4	66	13.9
M397590		23.6	9	0.6	2.9	31	10.8
M397591		20.5	12	0.7	3.2	13	14.5
M397592		19.1	17	0.8	3.5	7	16.7
M397593		18.6	15	0.7	3.4	6	16.6
M397594		12.6	38	0.5	8.8	42	44.6
M397595		11.3	31	0.4	7.7	28	37.3
M397596		11.1	33	0.4	7.7	35	37.3
M397597		9.8	31	0.6	8.3	33	37.2
M397598		15.1	27	1.6	7.3	40	41.5
M397599		0.6	2	0.1	0.7	16	0.5
M397600		12.7	36	1.0	8.8	39	43.1
M397601		11.0	32	0.5	7.5	43	35.9
M397602		7.1	38	0.6	10.3	41	50.7
M397603		7.2	49	2.7	12.6	56	61.5
M397604		9.3	39	0.6	11.0	43	48.9
M397605		11.2	33	0.5	8.6	37	42.0
M397606		2.5	73	5.5	17.1	44	66.6
M397607		10.2	35	0.5	10.4	39	50.0
M397608		14.5	24	0.3	6.1	36	29.8
M397609		13.4	24	0.3	6.4	54	30.1
M397610		13.3	23	0.3	6.4	46	30.2
M397611		8.9	62	0.8	15.4	63	72.3
M397612		8.4	84	0.9	16.4	143	85.8
M397613		4.1	77	1.0	17.7	66	88.4
M397614		3.2	37	0.5	12.4	24	73.8
M397615		1.5	2	0.1	0.8	18	<0.5
M397616		4.0	101	1.7	21.6	85	118.5

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121805

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

CERTIFICATE WH13124472

Project: Nadaleen
P.O. No.: 13-014
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124472

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M399753		11.73	<0.01	0.09	2.21	10	280	0.65	0.09	26.8	0.06	29.0	4.3	20	4.87	9.3
M399754		11.91	<0.01	0.07	2.66	17	150	0.85	0.12	22.4	0.07	31.1	5.5	23	5.45	12.5
M399755		11.42	<0.01	0.05	3.46	15	190	1.09	0.15	18.90	0.05	44.9	7.4	30	7.89	15.7
M399756		12.03	<0.01	0.06	4.72	17	410	1.36	0.19	17.10	0.04	58.2	9.7	40	9.90	19.1
M399757		6.92	<0.01	0.01	0.07	<5	50	0.07	0.03	21.8	0.08	1.23	0.9	1	0.14	2.2
M399758		4.87	<0.01	0.07	6.45	37.8	280	1.76	0.29	5.53	0.05	76.5	12.5	53	12.25	25.3
M399759		6.12	<0.01	0.02	9.32	34.0	330	2.62	0.39	0.87	0.05	89.3	18.5	75	17.40	39.7
M399760		11.92	<0.01	0.04	9.03	17.9	460	2.47	0.37	1.11	0.03	90.6	17.3	73	17.25	33.0
M399762		5.84	<0.01	0.09	1.71	<5	150	0.64	0.06	29.5	0.03	29.9	3.9	14	4.70	7.3
M399763		9.72	<0.01	0.04	3.15	5	230	0.95	0.13	24.7	0.04	40.5	5.8	25	8.18	12.5
M399764		0.26	0.48	0.10	3.60	2510	200	1.03	0.15	18.15	0.13	39.4	12.1	44	10.30	43.2
M399765		10.93	<0.01	0.05	4.44	5	270	1.29	0.17	16.45	0.05	56.6	8.0	37	12.15	16.1
M399766		11.16	<0.01	0.04	2.71	8	180	0.76	0.10	26.2	0.05	34.0	5.4	22	5.93	10.5
M399767		11.54	<0.01	0.04	2.33	<5	230	0.75	0.09	24.6	0.03	32.1	5.0	21	4.46	10.1
M399768		10.35	<0.01	0.06	3.66	21	320	1.13	0.14	20.9	0.06	47.4	6.5	32	10.05	14.5
M399769		7.10	<0.01	0.01	0.06	<5	30	0.06	0.02	21.1	0.09	1.19	0.9	1	0.16	1.9
M399770		10.50	<0.01	0.03	2.60	44	190	0.91	0.11	25.0	0.05	36.7	5.9	22	8.07	12.0
M399771		10.54	<0.01	0.04	2.94	19	150	1.00	0.12	23.1	0.04	40.9	6.6	26	10.25	14.3
M399772		10.25	<0.01	0.06	2.23	<5	130	0.75	0.08	24.6	0.04	30.4	4.8	18	6.27	9.4
M399773		8.57	<0.01	0.03	2.06	<5	120	0.72	0.08	25.2	0.03	31.3	4.5	17	6.09	8.3
M399774		8.85	<0.01	0.05	3.70	9	190	1.22	0.14	18.50	0.04	48.5	7.7	30	12.15	14.0
M399775		<0.02	<0.01	0.05	3.91	14	200	1.24	0.15	19.25	0.06	51.0	8.1	32	12.80	14.7
M399776		11.85	<0.01	0.03	2.10	<5	150	0.67	0.08	25.5	0.04	30.0	4.0	17	6.56	8.3
M399777		10.68	<0.01	0.06	5.80	38	300	1.62	0.26	11.70	0.10	68.5	11.0	46	17.60	22.0
M399778		10.77	<0.01	0.04	7.82	35.0	560	2.26	0.36	2.22	0.06	77.6	17.5	65	27.1	33.8
M399779		12.11	0.01	0.04	3.15	<5	300	1.16	0.10	18.40	0.09	38.6	6.1	34	9.35	17.3
M399780		11.69	<0.01	0.07	2.78	5	270	1.08	0.08	19.65	0.11	34.3	5.5	32	7.90	17.7
M399781		10.62	0.03	0.05	2.33	22	160	0.94	0.07	21.5	0.08	25.9	4.4	24	7.52	14.4
M399782		5.63	0.01	0.04	2.02	13	180	0.93	0.06	22.0	0.07	24.4	3.7	20	6.68	12.0
M399783		11.92	0.05	0.04	3.47	25	160	1.22	0.12	12.30	0.08	39.8	4.2	37	11.85	16.2
M399784		12.07	<0.01	0.03	2.62	15	130	1.07	0.09	14.45	0.06	31.8	3.5	28	10.05	13.2
M399785		10.82	<0.01	0.05	1.32	11	70	0.61	0.05	19.45	0.04	20.2	2.5	13	4.50	10.3
M399786		9.68	<0.01	0.05	2.86	20	100	1.12	0.08	15.35	0.04	34.7	4.9	31	9.83	19.8
M399787		10.80	0.02	0.04	1.33	29	90	0.58	0.05	18.75	0.04	19.65	2.6	16	3.93	10.7
M399788		0.17	0.48	0.10	3.53	2520	190	0.86	0.14	18.55	0.12	38.6	11.0	43	10.40	40.4
M399789		11.26	<0.01	0.02	0.80	10	40	0.36	0.05	19.25	0.03	13.55	1.3	8	2.78	7.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124472

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M399753		1.14	5.55	0.08	1.1	0.07	0.020	0.83	15.0	19.0	0.59	141	0.26	0.07	3.2	8.6
M399754		1.35	6.85	0.10	1.1	0.08	0.024	0.86	16.1	32.9	1.70	292	0.38	0.32	3.6	11.7
M399755		1.78	8.82	0.11	1.5	0.2	0.030	1.23	22.6	60.5	1.65	394	0.54	0.09	4.7	14.7
M399756		2.13	12.10	0.13	1.7	0.19	0.034	1.77	30.0	65.9	1.12	324	0.43	0.07	6.0	19.4
M399757		0.51	0.23	0.07	<0.1	<0.01	0.005	0.02	0.6	1.3	13.40	220	1.02	<0.01	0.2	1.7
M399758		3.23	16.90	0.16	2.7	0.09	0.054	2.29	39.5	113.5	1.40	1200	0.36	0.07	8.7	24.3
M399759		3.97	24.3	0.17	3.2	0.02	0.072	3.42	44.6	175.5	1.21	426	0.33	0.11	12.2	39.4
M399760		4.81	23.3	0.18	3.3	0.02	0.067	3.08	48.4	165.5	1.49	381	0.37	0.08	12.6	37.5
M399762		0.98	4.20	0.09	0.6	0.04	0.012	0.60	14.5	21.7	0.31	184	0.23	0.08	2.1	7.6
M399763		1.40	7.76	0.10	1.2	0.04	0.023	1.07	20.3	41.2	0.48	219	0.26	0.13	3.9	11.0
M399764		2.97	9.91	0.11	1.9	3.90	0.037	1.64	20.0	9.6	1.40	1200	1.66	0.02	6.3	25.6
M399765		2.10	11.05	0.13	1.9	0.1	0.034	1.44	28.8	54.4	0.38	220	0.57	0.29	6.0	17.8
M399766		1.34	6.72	0.10	1.0	0.09	0.020	0.91	17.5	39.7	0.38	269	0.29	0.16	3.4	10.3
M399767		1.41	5.97	0.08	1.0	0.11	0.019	0.89	16.1	21.4	0.62	341	0.33	0.06	3.1	10.3
M399768		1.78	9.71	0.10	1.6	0.30	0.029	1.38	24.8	48.9	0.46	256	0.63	0.05	5.1	14.7
M399769		0.49	0.23	0.07	<0.1	<0.1	<0.005	0.02	0.6	1.3	13.20	216	0.11	<0.01	0.2	1.5
M399770		1.46	6.65	0.10	1.0	0.24	0.021	0.95	18.8	37.5	0.74	566	0.42	0.04	3.4	11.4
M399771		1.72	7.65	0.09	1.3	0.22	0.025	1.13	20.0	37.0	1.09	995	0.54	0.08	4.1	12.3
M399772		1.45	5.70	0.11	1.0	0.07	0.020	0.84	15.1	29.3	1.38	1260	0.31	0.09	3.0	8.4
M399773		1.45	5.17	0.08	1.0	0.1	0.018	0.79	15.4	26.6	1.24	854	0.29	0.08	2.9	8.0
M399774		1.94	9.51	0.11	1.7	0.13	0.029	1.42	24.7	50.2	1.13	535	0.46	0.08	5.2	15.4
M399775		2.02	10.05	0.12	1.7	0.13	0.033	1.50	26.0	53.5	1.19	559	0.47	0.08	5.5	16.2
M399776		1.21	5.28	0.09	0.9	0.09	0.014	0.83	15.1	22.6	0.55	264	0.27	0.03	2.8	8.2
M399777		2.75	15.15	0.16	2.2	0.21	0.051	2.44	35.7	71.0	1.04	700	0.54	0.07	8.0	22.3
M399778		3.99	21.6	0.19	3.1	0.06	0.067	3.14	38.1	146.0	1.13	520	0.41	0.07	11.6	35.1
M399779		1.46	8.58	0.10	1.6	0.03	0.026	1.48	20.7	23.5	2.80	331	0.30	0.03	5.4	15.0
M399780		1.20	7.64	0.12	1.7	0.08	0.026	1.34	18.4	15.3	2.31	193	0.63	0.02	4.9	13.9
M399781		0.73	6.33	0.08	1.5	0.26	0.016	1.11	14.1	10.4	3.76	227	0.32	0.01	3.8	8.5
M399782		0.67	5.58	0.09	1.3	0.18	0.016	0.96	13.3	9.4	3.72	216	0.25	0.01	3.3	7.2
M399783		0.97	9.28	0.08	3.2	0.24	0.016	1.70	21.1	17.1	6.53	255	0.48	0.02	6.2	7.4
M399784		0.72	7.30	0.12	2.4	0.16	<0.005	1.33	17.1	14.4	7.87	174	0.30	0.02	4.7	6.7
M399785		0.50	3.70	0.13	0.9	0.1	<0.005	0.66	10.5	7.2	9.78	179	0.35	0.01	2.2	4.8
M399786		0.71	7.62	0.15	2.2	0.23	<0.005	1.40	18.6	15.3	8.16	167	0.41	0.02	5.1	8.4
M399787		0.51	3.54	0.18	1.1	0.2	<0.005	0.64	10.7	7.4	10.10	239	0.24	0.01	2.3	4.5
M399788		2.96	9.59	0.09	2.0	3.79	0.020	1.67	19.4	9.0	1.41	1180	1.59	0.02	6.0	24.6
M399789		0.42	2.34	0.14	0.5	0.08	<0.005	0.41	7.7	5.0	10.45	192	0.11	0.01	1.3	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124472

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
M399753		400	11.4	45.1	0.002	0.82	0.40	4.0	1	0.7	1285	0.25	<0.05	4.1	0.108	0.28
M399754		510	13.0	47.5	0.002	0.77	0.43	4.7	1	0.8	941	0.27	<0.05	4.5	0.116	0.32
M399755		750	10.7	64.1	0.003	1.14	0.37	6.1	1	1.0	673	0.36	0.05	6.3	0.157	0.79
M399756		730	15.2	86.4	0.002	1.52	0.43	8.2	2	1.3	635	0.47	<0.05	8.1	0.197	1.40
M399757		170	1.5	1.2	0.002	0.02	0.05	0.3	<1	<0.2	51.6	<0.05	<0.05	<0.2	<0.005	<0.02
M399758		510	19.6	103.5	<0.002	1.40	0.87	11.1	1	1.9	257	0.69	<0.05	12.3	0.290	1.21
M399759		770	17.2	143.5	<0.002	0.24	0.62	16.4	1	2.6	278	0.95	0.13	15.2	0.408	0.81
M399760		550	37.0	142.5	<0.002	0.17	0.37	16.1	1	2.6	291	0.97	0.08	15.7	0.411	0.71
M399762		380	5.0	32.0	<0.002	0.15	0.15	3.5	1	0.5	919	0.16	<0.05	2.9	0.071	0.26
M399763		470	7.7	55.8	0.002	0.14	0.22	5.5	1	0.9	828	0.31	<0.05	5.4	0.130	0.31
M399764		380	9.2	79.9	0.003	2.50	9.66	9.6	1	1.4	723	0.46	0.06	5.8	0.264	10.60
M399765		810	12.5	78.5	0.004	0.35	0.34	7.6	2	1.2	633	0.47	<0.05	8.1	0.200	0.48
M399766		490	7.2	47.4	0.002	0.18	0.18	4.6	1	0.7	1110	0.27	<0.05	4.7	0.116	0.31
M399767		630	7.3	46.8	<0.002	0.51	0.24	4.0	1	0.6	965	0.24	<0.05	4.3	0.104	0.48
M399768		650	10.6	76.6	0.003	0.32	0.32	6.5	2	1.1	768	0.37	<0.05	6.5	0.166	0.97
M399769		190	1.6	1.2	<0.002	<0.01	0.05	0.2	<1	<0.2	48.7	<0.05	<0.05	<0.2	<0.005	0.02
M399770		490	7.5	53.9	0.002	0.25	0.39	4.8	1	0.7	811	0.26	<0.05	4.7	0.110	0.79
M399771		580	8.4	61.1	0.002	0.41	0.40	5.4	1	0.8	862	0.30	<0.05	5.4	0.131	0.63
M399772		450	6.5	45.7	<0.002	0.47	0.23	4.2	1	0.7	775	0.23	<0.05	4.2	0.097	0.36
M399773		560	6.2	41.7	0.002	0.55	0.25	4.1	1	0.6	1025	0.21	<0.05	4.0	0.095	0.37
M399774		670	10.7	74.4	0.003	0.75	0.31	6.8	1	1.0	707	0.40	<0.05	6.8	0.167	0.82
M399775		710	11.2	79.5	0.002	0.79	0.34	7.2	2	1.1	727	0.42	<0.05	7.2	0.178	0.88
M399776		560	5.9	43.1	<0.002	0.50	0.16	3.9	<1	0.6	993	0.22	<0.05	4.0	0.093	0.46
M399777		720	25.9	108.5	<0.002	0.91	1.51	10.1	1	1.7	427	0.59	<0.05	10.9	0.258	1.25
M399778		540	16.5	125.0	<0.002	0.44	0.52	14.3	1	2.5	185.5	0.90	0.06	13.1	0.372	0.93
M399779		380	6.7	65.7	<0.002	0.05	0.27	5.4	1	1.1	403	0.41	<0.05	6.8	0.148	0.30
M399780		400	8.1	56.6	<0.002	0.12	0.29	4.7	1	1.0	479	0.38	<0.05	6.3	0.135	0.36
M399781		280	7.4	43.3	<0.002	0.15	0.29	3.9	2	0.8	417	0.28	<0.05	4.7	0.106	0.79
M399782		240	6.9	38.2	<0.002	0.16	0.22	3.5	2	0.7	418	0.24	<0.05	4.2	0.091	0.66
M399783		440	8.9	62.0	0.002	0.17	0.49	5.6	2	1.2	153.0	0.45	<0.05	7.8	0.175	1.04
M399784		370	7.2	49.7	0.002	0.20	0.37	4.4	1	0.9	113.5	0.34	<0.05	5.9	0.132	0.66
M399785		280	4.4	24.3	0.002	0.10	0.35	2.4	2	0.5	168.0	0.16	<0.05	2.7	0.062	0.51
M399786		670	8.2	51.0	0.003	0.22	0.53	4.8	2	1.0	164.0	0.38	<0.05	6.4	0.144	1.12
M399787		360	5.2	22.1	0.002	0.11	0.42	2.2	1	0.5	193.5	0.17	<0.05	3.0	0.066	0.42
M399788		370	8.6	76.6	0.003	2.48	8.14	9.0	2	1.4	699	0.42	0.06	5.4	0.262	10.15
M399789		140	3.7	14.4	0.002	0.12	0.21	1.5	1	0.4	145.5	0.09	<0.05	1.6	0.037	0.30

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VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124472

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
M399753		1.8	21	0.5	7.6	29	37.3
M399754		1.8	27	0.6	8.1	35	37.1
M399755		2.1	36	1.0	11.4	39	50.2
M399756		2.7	42	0.9	13.7	54	57.4
M399757		0.7	2	0.1	0.9	18	0.5
M399758		2.5	63	1.3	17.5	59	85.2
M399759		3.2	94	1.9	20.7	95	105.5
M399760		3.0	88	1.7	19.6	108	106.0
M399762		1.6	16	0.6	7.9	20	21.4
M399763		1.8	28	0.6	9.0	35	40.4
M399764		2.5	74	5.7	17.2	47	67.9
M399765		2.5	42	0.9	14.7	48	66.0
M399766		1.8	24	0.5	7.5	35	35.3
M399767		1.6	22	0.6	7.4	22	32.7
M399768		2.3	37	0.8	11.5	47	54.0
M399769		0.4	2	0.1	0.8	16	<0.5
M399770		1.6	26	0.7	9.2	31	36.8
M399771		2.0	30	0.7	10.7	39	44.8
M399772		1.5	21	0.5	8.5	27	33.2
M399773		1.6	21	0.5	8.6	19	34.0
M399774		2.2	36	0.8	13.1	45	55.2
M399775		2.3	38	0.9	13.8	48	60.2
M399776		1.7	19	0.4	7.8	24	31.6
M399777		2.8	54	1.3	17.1	76	77.3
M399778		2.6	83	1.9	18.0	91	101.5
M399779		5.7	45	0.7	11.4	27	54.7
M399780		6.9	48	0.6	10.7	32	72.8
M399781		8.5	49	1.0	8.0	15	55.0
M399782		7.9	44	0.8	7.6	12	48.5
M399783		7.1	60	1.6	12.8	11	108.0
M399784		6.0	40	1.1	9.9	10	81.5
M399785		6.9	21	0.6	6.2	9	28.9
M399786		12.0	41	1.4	10.4	11	68.2
M399787		6.6	21	0.8	6.4	15	36.9
M399788		2.3	73	5.3	17.0	45	64.6
M399789		4.8	19	0.4	4.1	11	14.1

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Finalized Date: 19- JUL- 2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124472

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU- 31	CRU- QC	LOG- 22	LOG- 22d
	LOG- 23	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	WSH- 21
	WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-JUL-2013
Account: RCM

CERTIFICATE WH13121860

Project: Nadaleen

P.O. No.: 13-015

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals
ALS Canada Ltd.
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Finalized Date: 17-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121860

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M397617		2.98	<0.01	0.22	2.28	20	280	0.77	0.78	20.2	0.02	57.1	4.9	32	2.66	10.7
M397618		5.08	0.04	0.09	1.94	7	120	0.76	0.11	19.95	0.02	62.5	5.9	17	2.36	12.0
M397619		10.47	<0.01	0.11	3.00	14	140	0.94	0.16	16.40	0.04	62.8	7.0	28	3.58	14.8
M397620		0.26	0.47	0.10	3.61	2500	200	1.00	0.17	18.60	0.12	41.9	12.4	36	10.10	45.0
M397621		10.63	<0.01	0.10	5.25	12.8	240	1.66	0.25	7.95	<0.02	89.3	10.5	53	6.34	21.4
M397622		10.16	<0.01	0.10	5.22	10.2	230	1.43	0.26	5.00	<0.02	90.6	10.8	52	6.15	21.6
M397623		11.87	<0.01	0.08	3.79	7	190	1.11	0.19	11.10	<0.02	62.1	7.2	33	4.86	16.5
M397624		11.99	<0.01	0.05	2.46	9	120	0.75	0.14	14.65	<0.02	35.3	4.8	19	2.98	10.4
M397625		11.63	0.01	0.07	2.55	7	120	0.74	0.15	13.50	<0.02	39.9	6.1	23	3.29	13.3
M397626		10.40	<0.01	0.12	3.97	17	200	1.17	0.19	10.00	0.03	68.2	8.7	38	5.46	19.3
M397627		10.88	<0.01	0.09	4.56	18.0	200	1.40	0.22	9.08	0.05	75.7	10.4	42	6.90	19.4
M397628		10.51	<0.01	0.13	4.11	10	200	1.29	0.21	10.05	0.03	74.4	9.6	38	6.56	18.9
M397629		10.57	<0.01	0.09	2.88	11	140	0.89	0.15	11.75	0.04	53.1	6.3	22	5.70	14.2
M397630		10.95	<0.01	0.07	2.10	14	110	0.64	0.11	15.55	0.09	35.6	5.4	16	4.00	18.5
M397631		11.30	<0.01	0.08	3.61	15	210	1.09	0.16	21.6	0.06	42.4	6.1	25	12.45	16.1
M397632		6.15	<0.01	0.13	6.17	36.3	420	1.83	0.29	8.65	0.16	77.7	17.5	50	30.6	29.5
M397633		<0.02	<0.01	0.12	6.14	35.6	430	1.80	0.31	8.34	0.13	76.7	17.4	49	30.8	29.7
M397634		10.33	<0.01	0.06	8.76	18.8	400	2.69	0.45	1.60	0.02	83.9	16.3	70	55.1	39.1
M397635		10.76	<0.01	0.04	4.28	11	320	1.25	0.20	12.75	0.09	47.5	9.7	28	21.1	17.0
M397636		12.43	<0.01	0.06	4.48	11	390	1.33	0.19	15.85	0.07	53.5	10.6	28	20.3	16.4
M397637		11.78	<0.01	0.05	5.48	13	730	1.74	0.25	12.70	0.05	60.4	9.8	35	26.2	20.5
M397638		6.86	<0.01	0.01	0.07	<5	50	0.07	0.04	21.4	0.07	1.19	0.7	<1	0.36	3.0
M397639		10.63	<0.01	0.03	8.43	15.4	450	2.85	0.38	2.34	<0.02	72.7	12.4	70	43.2	35.9
M397640		12.20	<0.01	0.09	3.86	42	200	1.19	0.16	19.45	0.09	41.9	9.6	24	17.95	14.9
M397641		11.12	<0.01	0.09	5.74	60	280	1.82	0.21	12.30	0.06	57.6	12.7	38	26.2	52.9
M397642		5.39	<0.01	0.09	6.14	50	350	1.88	0.21	11.15	0.05	62.4	13.2	60	28.3	54.6
M397643		12.34	<0.01	0.13	4.77	47	220	1.56	0.22	17.35	0.12	52.3	14.4	31	19.65	20.6
M397644		12.88	<0.01	0.08	4.81	50	200	1.62	0.20	12.50	0.08	55.7	11.0	33	21.5	33.3
M397645		11.97	0.02	0.07	4.71	93	210	1.74	0.20	15.75	0.05	50.2	10.2	31	18.60	23.9
M397646		0.20	0.49	0.10	3.73	2620	200	0.99	0.15	19.15	0.14	40.8	12.1	36	10.25	44.4
M397647		11.65	0.01	0.07	7.27	174.0	330	2.68	0.34	7.71	<0.02	79.5	15.6	53	33.3	23.4
M397648		11.32	0.01	0.04	8.52	25.2	420	2.93	0.39	1.28	<0.02	59.8	14.0	74	47.0	35.8
M397649		10.90	0.01	0.04	8.23	59.5	390	2.66	0.38	2.07	0.02	78.7	17.0	68	43.9	38.0
M397650		7.38	<0.01	0.01	0.08	<5	50	0.06	0.07	21.5	0.06	1.40	0.8	<1	0.33	3.8
M397651		8.80	0.03	0.02	8.06	213	400	3.20	0.37	2.93	0.04	77.2	20.0	65	36.4	46.3
M397652		5.25	0.11	0.09	8.32	569	530	3.33	0.35	2.07	0.33	75.7	28.2	68	31.5	41.6

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121860

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M397617		1.38	5.52	0.12	1.8	0.05	0.023	1.16	28.3	6.8	0.36	187	0.21	0.02	4.6	14.6
M397618		1.51	4.99	0.07	1.3	0.06	0.010	0.99	29.7	8.2	0.58	379	0.27	0.02	3.9	13.4
M397619		2.06	7.18	0.09	1.9	0.08	0.019	1.54	30.8	10.1	1.30	545	0.29	0.02	5.3	15.4
M397620		2.92	9.60	0.07	2.0	3.54	0.023	1.73	21.1	11.9	1.39	1140	1.62	0.02	6.2	25.3
M397621		1.97	13.20	0.16	3.3	0.10	0.029	2.73	45.0	15.5	0.50	226	0.35	0.03	9.7	22.8
M397622		2.05	12.40	0.15	3.4	0.10	0.033	2.68	45.4	14.6	1.02	220	0.33	0.03	9.9	24.2
M397623		2.57	8.95	0.10	2.2	0.09	0.019	1.92	30.9	12.4	2.53	521	0.31	0.02	6.3	16.6
M397624		3.30	5.99	0.06	1.3	0.07	0.013	1.24	18.1	8.1	7.05	1120	0.22	0.02	3.8	10.5
M397625		3.48	6.19	0.07	1.5	0.08	0.015	1.29	20.0	9.2	6.42	1150	0.28	0.02	4.2	13.8
M397626		2.76	9.22	0.11	2.3	0.13	0.033	2.02	33.9	13.2	3.03	558	0.30	0.03	6.5	21.5
M397627		2.68	10.90	0.12	2.6	0.18	0.038	2.28	38.1	15.7	2.91	473	0.34	0.03	8.0	25.4
M397628		1.72	9.95	0.11	2.5	0.15	0.029	2.10	37.0	14.1	1.86	307	0.32	0.03	7.8	21.9
M397629		3.54	6.90	0.08	1.7	0.11	0.016	1.45	26.5	10.7	4.34	625	0.24	0.02	4.8	13.2
M397630		2.81	4.93	0.08	1.2	0.12	0.011	1.07	18.6	7.7	6.03	757	0.25	0.03	3.4	12.3
M397631		2.14	8.12	0.09	1.4	0.15	0.021	1.84	23.1	9.7	1.68	440	0.49	0.02	4.5	14.5
M397632		4.01	14.75	0.12	2.2	0.25	0.046	3.24	41.4	20.5	1.97	508	1.61	0.03	7.7	36.4
M397633		3.91	15.15	0.11	2.3	0.24	0.042	3.23	41.3	20.4	1.94	491	1.64	0.03	7.8	36.1
M397634		2.88	23.0	0.16	3.2	0.05	0.065	4.87	42.5	26.3	1.23	348	0.58	0.04	12.1	34.1
M397635		4.66	10.40	0.08	1.8	0.04	0.031	2.23	26.1	19.1	4.57	984	0.29	0.03	5.7	18.8
M397636		2.32	10.95	0.11	2.1	0.05	0.026	2.37	28.2	13.3	3.62	717	0.29	0.03	6.2	19.0
M397637		2.85	13.75	0.10	2.6	0.04	0.046	2.95	32.9	19.1	2.55	547	0.31	0.04	7.9	21.2
M397638		0.48	0.25	0.13	<0.1	<0.01	<0.005	0.04	0.6	1.7	12.90	212	0.19	<0.01	0.2	1.9
M397639		3.68	22.6	0.17	4.0	0.03	0.074	4.73	36.0	28.5	1.38	426	0.34	0.06	12.8	33.1
M397640		2.14	9.26	0.10	1.8	0.08	0.029	2.06	23.0	11.9	3.19	531	0.44	0.03	5.3	17.3
M397641		2.22	13.95	0.10	2.6	0.20	0.038	3.11	32.5	15.8	2.35	408	2.62	0.04	8.0	23.3
M397642		2.40	15.10	0.13	2.9	0.20	0.042	3.32	34.4	17.2	2.22	411	3.23	0.04	8.6	32.8
M397643		2.01	11.55	0.12	2.2	0.26	0.034	2.54	28.5	12.0	2.73	488	2.92	0.03	6.6	24.1
M397644		2.21	11.95	0.12	2.4	0.29	0.033	2.56	30.5	13.0	2.91	534	2.50	0.03	7.0	21.2
M397645		2.60	11.60	0.10	2.3	0.25	0.028	2.50	27.8	12.7	3.46	562	0.42	0.03	6.7	19.5
M397646		3.01	9.43	0.08	1.9	3.67	0.028	1.79	20.8	10.8	1.44	1180	1.55	0.02	6.1	25.0
M397647		2.94	18.65	0.15	3.4	0.29	0.058	3.97	43.2	20.6	1.92	397	0.59	0.05	10.7	30.4
M397648		3.11	24.0	0.15	3.9	0.13	0.076	5.00	28.5	28.2	1.19	181	0.37	0.06	14.0	34.6
M397649		3.27	23.2	0.14	3.8	0.26	0.073	4.63	40.2	27.1	1.42	217	0.44	0.05	12.9	33.0
M397650		0.49	0.25	0.13	<0.1	<0.01	<0.005	0.04	0.7	1.6	12.80	217	0.09	0.01	0.2	1.8
M397651		3.82	21.3	0.17	3.3	1.26	0.066	4.39	39.6	27.4	1.71	343	0.60	0.04	11.6	33.8
M397652		4.76	22.1	0.15	3.4	2.38	0.065	4.45	39.3	26.0	1.55	152	1.64	0.04	12.1	48.5

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Finalized Date: 17-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121860

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397617		140	18.1	50.7	<0.002	0.57	0.48	3.7	1	0.7	472	0.41	<0.05	5.7	0.215	0.31
M397618		140	22.8	41.5	<0.002	0.66	0.44	4.1	2	0.7	327	0.28	0.05	4.8	0.183	0.26
M397619		380	26.7	59.5	<0.002	0.55	0.48	5.4	2	1.0	277	0.40	<0.05	6.6	0.223	0.36
M397620		360	8.9	81.5	<0.002	2.48	8.87	9.9	2	1.4	713	0.42	0.07	5.7	0.258	10.40
M397621		550	35.2	108.5	<0.002	0.77	0.65	9.4	2	1.7	168.5	0.73	0.05	11.7	0.350	0.59
M397622		250	35.8	107.0	<0.002	1.04	0.73	9.0	1	1.6	92.1	0.74	<0.05	11.7	0.372	0.62
M397623		390	28.3	76.1	<0.002	1.24	0.59	6.3	1	1.2	133.5	0.45	0.05	7.4	0.228	0.44
M397624		660	16.3	46.6	<0.002	0.82	0.40	4.1	1	0.7	118.0	0.29	0.07	4.8	0.131	0.32
M397625		560	22.3	50.8	<0.002	1.04	0.46	4.8	1	0.8	126.0	0.30	0.05	5.1	0.139	0.41
M397626		530	39.5	76.8	<0.002	1.62	0.64	6.9	1	1.2	108.0	0.49	<0.05	8.1	0.242	0.66
M397627		680	38.0	88.4	<0.002	1.42	0.70	8.4	2	1.3	124.0	0.58	0.05	9.4	0.277	0.69
M397628		590	33.5	84.2	<0.002	1.13	0.67	7.2	1	1.3	225	0.56	<0.05	8.9	0.280	0.68
M397629		820	31.8	58.5	<0.002	1.69	0.51	5.1	1	0.9	136.5	0.36	<0.05	6.0	0.176	0.63
M397630		600	30.5	41.3	<0.002	1.12	0.40	4.1	1	0.6	134.5	0.24	<0.05	4.3	0.121	0.60
M397631		390	26.9	68.8	<0.002	1.24	0.36	5.9	1	0.9	398	0.32	0.05	5.8	0.160	0.87
M397632		530	42.8	121.5	<0.002	2.53	0.66	10.8	2	1.6	233	0.56	0.07	10.3	0.264	1.56
M397633		520	42.3	122.0	0.003	2.41	0.62	10.8	2	1.7	225	0.54	0.09	10.5	0.263	1.59
M397634		330	21.7	167.0	<0.002	0.67	0.58	15.9	1	2.5	85.4	0.84	0.07	14.7	0.393	1.19
M397635		610	13.6	88.7	<0.002	0.30	0.44	7.9	1	1.2	159.5	0.39	0.07	7.1	0.196	0.64
M397636		1820	13.9	94.9	<0.002	0.23	0.49	8.7	2	1.3	397	0.45	0.08	7.3	0.210	0.71
M397637		780	9.5	122.5	<0.002	0.13	0.44	11.1	2	1.7	355	0.54	0.09	9.0	0.261	0.67
M397638		170	1.3	1.7	<0.002	0.01	0.13	0.2	1	<0.2	52.1	<0.05	<0.05	<0.2	<0.005	<0.02
M397639		980	10.0	159.0	<0.002	0.13	0.44	16.7	1	2.6	112.0	0.93	0.16	11.8	0.433	1.01
M397640		710	9.9	81.2	<0.002	0.15	0.42	7.3	2	1.1	596	0.37	0.06	6.4	0.182	0.59
M397641		710	13.0	125.5	0.002	0.36	0.54	10.6	1	1.7	311	0.57	0.10	9.4	0.278	1.07
M397642		750	17.5	137.0	<0.002	0.37	0.58	11.3	1	1.8	279	0.62	0.08	10.0	0.297	1.19
M397643		780	18.2	101.5	<0.002	0.39	0.64	9.1	1	1.4	387	0.46	0.08	7.9	0.226	1.36
M397644		690	13.3	105.5	0.002	0.37	0.53	9.1	1	1.4	271	0.49	0.09	8.2	0.230	1.18
M397645		600	7.9	101.0	<0.002	0.25	0.38	8.9	1	1.4	418	0.47	0.05	7.3	0.223	0.97
M397646		370	8.7	81.6	0.002	2.55	8.77	9.6	1	1.3	735	0.42	0.10	5.5	0.266	10.05
M397647		570	12.7	167.0	<0.002	1.04	0.56	14.3	1	2.2	215	0.75	0.09	12.8	0.355	1.91
M397648		490	11.7	147.0	<0.002	0.56	0.56	16.5	2	2.8	78.8	0.94	0.12	10.0	0.448	1.38
M397649		700	11.7	154.0	<0.002	1.50	0.52	16.6	1	2.7	97.0	0.93	0.13	13.9	0.419	3.09
M397650		190	1.3	1.8	<0.002	0.01	0.13	0.2	1	<0.2	51.6	<0.05	<0.05	<0.2	<0.005	0.02
M397651		1760	16.2	133.0	<0.002	2.76	1.02	16.9	2	2.5	113.0	0.83	0.21	13.3	0.441	3.04
M397652		1400	29.0	138.0	<0.002	4.39	3.66	17.4	1	2.6	96.4	0.85	0.20	13.8	0.440	5.55

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121860

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
M397617		3.0	29	1.1	12.2	11	59.0
M397618		2.4	26	0.7	13.5	6	50.1
M397619		2.7	38	0.9	14.4	9	63.8
M397620		2.4	71	5.3	17.3	45	66.4
M397621		3.1	69	1.3	22.0	8	113.0
M397622		2.4	69	1.3	19.2	6	109.0
M397623		2.4	49	0.9	13.5	5	75.1
M397624		1.8	31	0.7	8.7	5	49.4
M397625		1.8	33	0.6	11.2	5	52.9
M397626		2.3	52	1.0	16.7	6	76.1
M397627		2.6	59	1.6	20.5	16	87.8
M397628		2.9	54	1.1	15.0	15	83.6
M397629		2.3	35	0.7	13.7	14	57.2
M397630		2.3	26	0.5	9.3	17	44.2
M397631		3.3	39	0.6	11.4	52	49.6
M397632		4.6	73	1.0	24.6	112	79.5
M397633		4.7	73	1.1	25.1	108	78.7
M397634		3.0	107	1.7	21.5	54	111.0
M397635		3.0	55	0.9	16.0	40	63.0
M397636		5.1	63	1.0	20.6	22	70.9
M397637		4.1	75	1.1	20.0	27	91.2
M397638		0.7	2	0.1	0.8	17	0.6
M397639		3.2	127	1.8	24.6	43	134.0
M397640		6.4	53	0.8	14.4	24	62.3
M397641		6.8	80	1.9	17.6	32	90.7
M397642		7.4	87	2.0	18.9	31	98.5
M397643		7.2	63	2.0	17.6	35	76.1
M397644		5.7	66	2.0	17.7	35	81.2
M397645		6.3	66	3.1	16.6	29	77.4
M397646		2.4	74	5.2	17.2	47	65.8
M397647		4.6	100	5.3	23.6	29	116.5
M397648		2.7	130	2.0	20.4	37	133.0
M397649		3.1	119	2.5	23.5	29	127.0
M397650		0.5	2	0.1	0.8	16	0.7
M397651		2.9	118	4.6	27.4	31	112.0
M397652		3.9	119	7.2	24.4	154	115.5

***** See Appendix Page for comments regarding this certificate *****

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121860

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
Au-AA26	Hg-CV41	ME-MS61

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

CERTIFICATE WH13124473

Project: Nadaleen

P.O. No.: 13-016

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124473

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M397653		11.74	0.08	0.04	2.88	142	180	0.84	0.11	13.25	0.53	30.2	5.1	25	8.26	14.2
M397654		11.93	0.27	0.04	0.89	553	120	0.34	0.04	19.45	1.07	17.60	3.8	5	2.10	10.3
M397655		13.51	0.19	0.02	0.34	211	40	0.17	0.01	19.25	1.41	7.77	2.2	<1	0.68	4.9
M397656		13.73	0.09	0.01	0.43	121	60	0.22	0.02	18.20	0.02	9.40	2.0	1	0.83	3.2
M397657		12.22	0.03	0.02	0.63	142	70	0.25	0.03	19.05	0.20	13.35	2.1	3	1.15	6.0
M397658		12.43	0.26	0.02	0.86	48	70	0.36	0.04	18.30	0.09	16.45	2.2	3	2.04	4.8
M397659		6.86	<0.01	0.01	0.04	<5	30	<0.05	0.02	21.1	0.07	1.28	1.5	<1	0.11	1.7
M397660		12.72	0.04	0.02	0.89	70	70	0.32	0.03	18.50	0.35	15.60	2.1	6	1.68	5.2
M397661		12.89	0.23	0.01	0.93	205	70	0.34	0.03	15.50	0.11	17.25	2.1	6	1.72	5.0
M397662		12.19	0.21	0.03	3.41	197	180	0.89	0.10	13.75	0.17	40.5	4.4	25	7.02	10.8
M397663		0.26	0.52	0.09	3.40	2490	190	0.75	0.13	17.95	0.12	38.3	11.6	40	11.10	42.0
M397664		11.58	0.14	0.02	2.07	670	170	0.58	0.07	16.00	0.27	28.5	3.6	14	4.30	9.2
M397665		12.29	<0.01	0.02	0.49	43	70	0.28	0.02	19.80	0.10	8.46	1.4	1	1.02	7.9
M397666		12.28	0.03	0.05	0.99	396	70	0.34	0.03	17.35	20.2	13.30	2.2	6	1.96	10.6
M397667		12.48	0.05	0.10	0.89	662	70	0.33	0.03	17.85	2.72	12.85	2.9	7	1.88	9.9
M397668		10.43	0.12	0.07	0.89	2010	50	0.34	0.03	19.15	0.10	12.05	2.5	5	2.60	6.8
M397669		<0.02	0.12	0.07	0.88	2080	50	0.34	0.03	19.00	0.09	11.85	2.5	5	2.57	6.7
M397670		12.00	0.06	0.06	0.69	607	50	0.29	0.03	18.70	0.41	8.64	2.6	4	2.13	7.4
M397671		12.74	<0.01	0.08	0.66	31	30	0.30	0.03	18.65	0.12	10.90	2.3	4	2.26	6.3
M397672		12.70	0.02	0.09	0.88	1200	50	0.43	0.03	19.50	0.13	8.69	2.3	7	2.05	7.4
M397673		13.05	0.02	0.09	0.71	4180	70	0.35	0.04	21.0	0.08	9.15	2.0	8	1.34	6.9
M397674		12.62	<0.01	0.09	1.33	1630	230	0.51	0.04	18.85	0.08	17.65	2.6	11	2.78	10.1
M397675		7.10	<0.01	0.01	0.05	<5	30	0.07	0.02	21.6	0.07	1.08	0.7	<1	0.11	2.1
M397676		12.75	0.03	0.17	0.53	614	70	0.28	0.03	19.85	0.12	9.03	1.8	8	1.02	6.2
M397677		12.44	0.03	0.27	0.69	902	50	0.27	0.03	20.6	0.10	11.25	2.0	7	1.45	6.1
M397678		0.26	0.51	0.09	3.76	2490	200	0.95	0.13	18.80	0.12	40.2	11.7	40	10.40	42.0
M397679		12.38	0.06	0.16	0.71	324	60	0.30	0.03	19.30	1.52	10.80	2.1	7	1.54	8.0
M397680		12.48	0.27	0.45	2.86	1020	140	0.93	0.10	12.75	0.16	31.1	5.7	26	6.14	23.6
M397681		13.63	0.08	0.12	0.65	982	50	0.27	0.03	19.35	1.68	9.56	1.7	6	1.39	6.5
M397682		8.90	0.15	0.15	1.36	3420	110	0.47	0.06	17.45	0.92	20.2	2.5	13	2.81	10.0
M397683		3.32	0.14	0.14	1.39	3110	110	0.48	0.06	17.50	1.91	20.2	2.7	13	2.90	10.5
M397684		3.84	0.13	0.13	1.84	177	110	0.52	0.06	11.55	0.17	27.0	3.4	17	3.79	9.7
M397685		11.71	0.26	0.28	3.36	276	330	0.93	0.11	9.95	0.15	40.1	5.8	31	7.56	24.2
M397686		10.69	0.47	0.27	4.03	401	680	0.93	0.13	8.27	0.11	46.8	6.8	36	8.05	27.2
M397687		12.05	0.04	0.07	2.72	179	180	0.70	0.08	19.15	0.12	28.9	4.6	24	5.99	15.3
M397688		12.67	<0.01	0.07	4.63	558	230	1.52	0.11	13.00	0.04	50.7	7.0	36	18.90	17.8

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124473

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M397653		2.33	7.92	0.05	1.9	1.29	0.026	1.44	16.1	9.3	8.15	600	0.36	0.03	5.6	14.2
M397654		1.26	2.68	<0.05	0.6	2.75	0.011	0.43	9.1	4.9	11.30	753	0.30	0.02	2.0	8.7
M397655		0.61	1.12	<0.05	0.3	1.46	0.005	0.16	4.0	2.3	11.15	749	0.14	0.01	0.9	4.2
M397656		0.54	1.32	<0.05	0.5	0.67	0.005	0.21	4.8	2.7	10.65	549	0.34	0.01	1.1	3.6
M397657		0.76	1.82	<0.05	0.6	1.31	0.007	0.28	7.0	3.0	10.40	585	0.42	0.01	1.3	4.6
M397658		0.58	2.46	<0.05	0.9	1.01	0.007	0.41	9.0	4.7	10.25	828	0.22	0.01	1.9	4.5
M397659		0.47	0.20	<0.05	<0.1	0.01	0.005	0.01	0.6	0.8	12.75	215	0.14	<0.01	0.3	3.9
M397660		0.47	2.37	<0.05	1.0	0.72	0.009	0.44	8.7	4.1	10.55	481	0.27	0.01	1.9	4.1
M397661		0.69	2.44	<0.05	1.4	1.20	0.010	0.47	9.5	4.7	8.37	605	0.26	0.01	2.1	4.1
M397662		1.33	9.46	0.05	2.4	1.74	0.023	1.64	23.1	14.6	7.98	397	0.87	0.02	6.6	10.5
M397663		2.89	9.61	0.08	1.9	4.01	0.042	1.63	18.6	9.0	1.35	1140	1.82	0.02	6.8	25.9
M397664		1.01	5.31	<0.05	1.5	1.41	0.019	0.93	16.7	9.6	9.02	444	0.38	0.01	4.0	7.8
M397665		0.23	1.39	<0.05	0.3	0.49	0.005	0.24	4.6	2.7	11.65	182	0.14	0.01	1.1	3.3
M397666		0.79	4.60	<0.05	0.7	8.7	0.047	0.43	6.7	4.9	10.25	414	0.38	0.01	1.9	5.3
M397667		1.08	2.51	<0.05	0.7	4.88	0.010	0.40	6.2	4.2	10.30	529	0.74	0.01	1.8	7.3
M397668		0.38	2.33	<0.05	0.6	1.26	0.009	0.41	6.8	5.1	11.35	541	0.56	0.01	1.8	5.7
M397669		0.38	2.33	<0.05	0.6	1.28	0.008	0.40	6.7	5.1	11.30	545	0.58	0.01	1.8	5.7
M397670		0.38	2.06	<0.05	0.4	1.69	0.009	0.33	4.9	4.7	11.25	359	0.45	0.01	1.4	6.3
M397671		0.33	1.81	<0.05	0.3	0.71	0.007	0.32	6.4	4.3	11.15	185	0.51	0.01	1.4	5.6
M397672		0.51	2.38	0.14	0.5	1.9	0.007	0.42	5.0	5.7	11.95	270	0.56	0.01	1.4	5.5
M397673		0.38	2.04	0.21	0.4	1.9	0.008	0.33	5.5	4.2	11.80	387	0.75	0.01	1.2	5.3
M397674		0.49	3.57	0.27	0.8	1.8	0.010	0.62	9.4	7.1	10.95	416	0.59	0.01	2.2	6.5
M397675		0.45	0.25	0.31	<0.1	<0.1	<0.005	0.02	0.5	1.2	13.45	201	0.14	<0.01	0.2	1.7
M397676		0.44	1.47	0.27	0.3	1.5	0.006	0.24	6.2	3.2	11.90	312	0.42	0.01	0.9	4.6
M397677		0.41	1.91	0.30	0.4	1.2	0.005	0.32	6.3	4.0	12.40	288	0.53	0.01	1.2	4.8
M397678		2.95	9.72	0.15	1.8	3.3	0.037	1.67	19.8	9.1	1.42	1140	1.63	0.02	6.1	24.5
M397679		0.61	2.06	0.17	0.4	1.9	0.014	0.34	5.9	4.3	11.20	355	0.67	0.01	1.2	5.0
M397680		1.19	7.50	0.19	1.8	5.7	0.018	1.36	16.4	14.0	7.87	574	1.13	0.02	4.8	13.5
M397681		0.84	2.10	0.19	0.4	2.9	0.011	0.31	5.1	3.4	11.40	352	0.68	0.01	1.1	4.2
M397682		1.32	3.69	0.16	1.0	7.2	0.014	0.64	9.8	6.4	10.20	485	0.97	0.01	2.2	6.5
M397683		1.34	3.85	0.14	1.0	7.3	0.019	0.66	10.3	6.5	10.30	499	1.05	0.01	2.3	6.8
M397684		1.21	4.58	0.15	1.9	4.1	0.018	0.85	12.6	8.4	7.32	310	0.63	0.01	3.4	7.6
M397685		1.25	8.69	0.19	2.5	29.0	0.020	1.58	21.0	15.5	5.75	300	1.92	0.02	5.6	13.2
M397686		1.49	10.10	0.22	2.8	13	0.023	1.85	25.4	16.5	4.46	335	2.04	0.02	6.3	16.5
M397687		0.96	7.12	0.24	1.7	25.7	0.020	1.30	15.8	9.2	3.55	476	0.39	0.02	4.3	10.0
M397688		1.55	11.40	0.26	2.6	0.6	0.027	2.29	26.4	18.3	3.48	273	0.88	0.04	6.3	16.3

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124473

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397653		1510	12.8	58.2	<0.002	1.46	1.61	6.0	1	0.9	103.5	0.45	<0.05	6.4	0.174	4.79
M397654		2110	11.7	17.3	<0.002	0.77	3.33	2.0	1	0.3	117.0	0.13	<0.05	2.1	0.046	8.05
M397655		490	4.1	6.8	<0.002	0.27	0.91	0.9	1	0.2	77.8	0.05	<0.05	0.9	0.017	3.56
M397656		490	2.3	8.7	<0.002	0.15	0.51	1.0	1	<0.2	73.4	0.07	<0.05	1.2	0.023	2.03
M397657		520	12.5	11.4	<0.002	0.36	7.24	1.3	1	0.2	122.0	0.10	<0.05	1.7	0.030	3.85
M397658		780	5.2	16.7	<0.002	0.26	0.65	1.7	1	0.3	133.0	0.14	<0.05	2.4	0.044	2.56
M397659		180	2.4	0.9	<0.002	<0.01	0.07	0.2	1	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	0.02
M397660		680	5.1	16.1	<0.002	0.25	0.70	1.6	1	0.3	103.0	0.14	<0.05	2.3	0.046	1.50
M397661		650	4.6	17.6	<0.002	0.18	0.82	1.8	1	0.3	120.0	0.16	<0.05	3.0	0.049	2.54
M397662		1080	10.5	59.1	<0.002	1.04	1.41	6.1	1	1.2	167.0	0.54	<0.05	8.8	0.166	5.63
M397663		360	8.8	82.8	0.002	2.45	9.64	9.6	1	1.5	700	0.53	0.07	5.9	0.256	10.40
M397664		760	11.5	33.4	<0.002	0.83	1.06	3.8	1	0.8	166.5	0.31	<0.05	5.2	0.100	3.09
M397665		200	6.2	9.0	<0.002	0.10	0.94	1.0	1	0.2	138.5	0.08	<0.05	1.1	0.022	0.69
M397666		480	6.5	15.5	<0.002	0.88	0.76	1.7	2	0.4	122.0	0.14	<0.05	2.3	0.045	2.57
M397667		170	10.9	14.3	0.002	0.80	2.67	1.6	2	0.4	136.5	0.13	<0.05	2.1	0.043	4.92
M397668		140	6.3	15.9	<0.002	0.39	1.46	1.6	1	0.3	97.2	0.13	<0.05	2.0	0.042	6.16
M397669		150	6.1	15.7	<0.002	0.39	1.49	1.6	1	0.3	97.4	0.13	<0.05	2.0	0.042	6.05
M397670		160	6.5	13.1	<0.002	0.32	0.81	1.3	1	0.3	105.5	0.10	<0.05	1.5	0.032	3.53
M397671		130	6.9	12.5	<0.002	0.26	0.32	1.3	1	0.3	86.2	0.10	<0.05	1.5	0.031	1.77
M397672		190	9.4	13.9	0.002	0.44	0.88	1.3	1	0.3	97.6	0.10	<0.05	1.6	0.039	3.28
M397673		210	12.9	11.1	<0.002	0.54	2.04	1.1	1	0.3	106.0	0.09	<0.05	1.4	0.033	4.55
M397674		380	9.3	21.1	<0.002	0.50	1.01	2.1	1	0.4	106.0	0.16	<0.05	2.7	0.061	4.36
M397675		180	2.3	0.9	<0.002	0.01	0.14	0.1	<1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	0.02
M397676		220	9.0	7.8	<0.002	0.39	1.07	0.9	1	0.2	95.4	0.07	<0.05	1.0	0.024	2.61
M397677		250	8.9	10.6	<0.002	0.34	0.76	1.2	1	0.2	89.8	0.09	<0.05	1.5	0.033	2.63
M397678		370	8.7	81.2	0.002	2.54	9.30	8.7	2	1.4	707	0.42	0.05	5.5	0.262	10.65
M397679		210	8.4	11.2	0.002	0.34	0.51	1.2	1	0.3	97.6	0.09	<0.05	1.5	0.033	2.82
M397680		360	14.0	49.9	0.003	0.94	0.88	4.6	2	0.9	120.5	0.35	<0.05	5.9	0.134	13.15
M397681		140	8.6	10.0	0.002	0.62	0.78	1.1	1	0.3	90.2	0.08	<0.05	1.2	0.029	5.36
M397682		240	21.6	22.7	0.002	0.88	2.42	2.1	1	0.5	119.5	0.16	<0.05	2.8	0.062	22.8
M397683		240	12.5	23.8	0.002	0.88	2.13	2.2	1	0.5	115.5	0.17	<0.05	2.9	0.064	21.4
M397684		490	9.6	30.5	<0.002	0.69	1.20	2.9	2	0.6	110.5	0.25	<0.05	4.2	0.089	12.30
M397685		620	12.2	59.4	0.003	0.59	1.75	4.3	2	1.0	323	0.40	<0.05	7.1	0.156	30.4
M397686		880	14.1	68.9	0.002	0.58	2.26	4.5	2	1.3	701	0.46	<0.05	8.1	0.182	30.0
M397687		430	7.2	48.4	0.002	0.20	0.97	4.1	2	0.9	368	0.32	<0.05	5.3	0.122	22.7
M397688		680	8.6	78.4	<0.002	0.52	1.40	6.3	2	1.2	322	0.45	<0.05	8.3	0.188	1.40

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124473

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
M397653		6.4	43	3.0	16.3	91	68.0
M397654		8.0	16	1.1	12.1	225	22.6
M397655		5.3	7	0.4	4.7	185	12.2
M397656		4.9	9	0.5	4.8	3	18.0
M397657		9.1	12	0.9	6.7	43	23.1
M397658		10.3	15	1.0	8.7	16	34.1
M397659		0.4	2	0.1	0.9	20	<0.5
M397660		7.9	14	0.9	8.6	121	37.7
M397661		4.7	12	0.9	9.2	17	48.9
M397662		8.6	41	3.3	16.4	22	86.8
M397663		2.3	73	5.7	18.9	47	65.0
M397664		8.1	34	2.0	13.5	75	55.9
M397665		11.3	12	0.7	3.4	26	11.5
M397666		19.6	24	1.3	5.9	8690	25.3
M397667		20.3	19	1.4	5.1	984	25.6
M397668		16.9	18	1.2	4.5	35	24.1
M397669		16.7	18	1.2	4.5	27	24.2
M397670		17.9	13	0.9	3.4	131	14.6
M397671		18.2	18	0.7	3.9	28	13.5
M397672		19.3	17	0.9	3.2	30	16.7
M397673		23.2	16	1.2	4.0	15	15.5
M397674		16.9	22	1.7	5.9	20	31.9
M397675		0.7	2	0.1	0.7	13	<0.5
M397676		17.0	21	0.8	3.4	26	9.5
M397677		18.3	32	1.0	3.9	23	15.4
M397678		2.4	75	5.2	17.2	43	68.6
M397679		20.7	19	1.0	3.8	580	14.3
M397680		14.1	61	2.8	9.6	42	64.6
M397681		18.3	19	0.9	3.6	668	12.7
M397682		24.7	28	1.6	6.0	258	36.2
M397683		25.8	28	1.7	6.1	573	36.0
M397684		9.4	30	1.7	9.7	72	69.7
M397685		19.2	64	2.7	10.4	21	92.3
M397686		27.7	72	3.3	11.4	9	105.0
M397687		15.6	44	2.1	13.8	7	60.2
M397688		8.5	69	3.2	12.8	12	93.1

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124473

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca> 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU- 31	CRU- QC	LOG- 22	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

CERTIFICATE WH13124474

Project: Nadaleen

P.O. No.: 13-017

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124474

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M397689		11.77	<0.01	0.03	5.93	95	400	2.20	0.16	10.95	0.02	60.7	11.9	48	37.1	35.5
M397690		13.02	<0.01	0.04	2.83	104	730	1.28	0.08	24.0	0.03	32.6	5.2	26	13.55	12.5
M397691		12.19	<0.01	0.03	2.53	456	680	1.15	0.07	21.2	0.03	31.5	4.0	22	9.66	10.0
M397692		5.31	0.03	0.07	5.01	1260	400	1.37	0.11	12.50	0.03	48.2	8.3	47	20.7	23.2
M397693		0.26	12.85	0.69	4.59	9260	300	0.56	0.19	3.85	0.68	53.4	14.2	63	14.30	61.8
M397694		9.57	0.18	0.07	3.54	>10000	310	0.88	0.08	8.31	0.08	41.3	6.3	41	14.20	16.2
M397695		10.06	0.39	0.09	3.29	>10000	160	0.71	0.08	11.55	0.10	38.3	4.6	36	12.85	15.1
M397696		6.86	<0.01	0.01	0.05	54	30	<0.05	0.02	22.3	0.07	1.16	1.0	1	0.12	0.9
M397697		12.06	0.11	0.04	2.22	102	870	0.53	0.05	27.7	0.15	27.5	3.0	22	15.05	10.5
M397698		11.86	<0.01	0.05	2.83	29	230	0.64	0.06	24.2	0.06	33.4	4.9	30	24.5	13.2
M397699		12.56	<0.01	0.05	0.84	17	270	0.18	0.02	35.4	0.12	14.80	2.0	9	4.24	6.5
M397700		5.44	<0.01	0.05	0.78	17	200	0.18	0.02	36.2	0.11	14.35	1.8	8	3.69	5.6
M397701		11.01	<0.01	0.06	1.40	9	220	0.30	0.03	30.3	0.13	19.90	2.2	15	7.50	8.0
M397702		12.65	<0.01	0.05	1.01	10	310	0.22	0.03	25.5	0.03	16.00	2.0	12	5.26	7.4
M397703		13.17	<0.01	0.06	1.67	9	140	0.40	0.04	30.6	0.05	23.0	3.0	17	8.69	11.6
M397704		13.30	<0.01	0.06	1.31	28	230	0.36	0.03	27.2	0.08	19.10	2.4	14	7.28	8.2
M397705		11.96	<0.01	0.05	2.33	16	370	0.56	0.05	21.8	0.08	30.1	3.5	23	13.95	15.0
M397706		11.63	<0.01	0.07	4.68	63	180	1.16	0.10	12.95	0.06	50.8	5.8	50	31.5	30.5
M397707		11.94	<0.01	0.05	3.62	15	400	0.88	0.08	17.95	0.09	35.9	5.9	38	21.6	24.6
M397708		11.64	<0.01	0.03	1.83	17	250	0.53	0.04	27.4	0.23	27.1	2.8	19	10.20	12.0
M397709		10.17	<0.01	0.04	1.77	142	200	0.50	0.04	18.15	0.05	27.4	4.0	20	8.01	13.7
M397710		0.26	2.57	0.19	4.01	6560	220	0.71	0.12	13.40	0.15	40.1	12.2	48	11.75	37.6
M397711		8.08	0.01	0.09	1.88	>10000	440	0.55	0.04	15.75	0.02	23.3	4.1	20	6.96	9.2
M397712		6.84	<0.01	0.01	0.06	17	40	<0.05	0.02	22.0	0.06	1.18	1.2	1	0.24	1.8
M397713		9.00	0.04	0.10	2.13	180	200	0.60	0.05	14.90	0.10	31.7	5.1	22	5.73	9.2
M397714		11.26	0.02	0.11	2.67	206	1260	0.70	0.06	13.15	0.14	34.3	8.4	28	9.41	13.9
M397715		4.51	<0.01	0.12	4.05	33	410	1.09	0.08	11.75	0.09	45.8	8.7	43	16.70	18.4
M397716		4.63	0.01	0.10	2.88	>10000	830	0.81	0.06	9.53	0.21	34.4	5.3	36	7.70	16.3
M397717		<0.02	0.01	0.10	3.11	>10000	700	0.82	0.07	9.98	0.22	36.6	5.6	39	8.24	17.4
M397718		4.61	<0.01	0.08	2.70	131	410	0.60	0.06	12.70	0.07	33.3	3.9	28	7.75	12.9
M397719		6.76	<0.01	0.08	2.55	440	130	0.65	0.05	24.3	0.05	31.9	4.8	25	10.20	12.1
M397720		3.82	<0.01	0.12	3.00	220	160	0.73	0.06	22.1	0.04	35.2	5.9	32	11.60	13.2
M397721		5.17	0.01	0.07	2.39	46	130	0.56	0.05	25.8	0.06	28.6	3.8	24	10.05	14.7
M397722		9.22	<0.01	0.05	2.54	8	210	0.57	0.05	21.1	0.05	33.1	4.3	25	13.45	10.6
M397723		11.20	<0.01	0.07	3.07	17	770	0.76	0.07	15.75	0.06	37.1	5.5	31	16.05	18.6
M399761		12.63	<0.01	<0.01	8.08	7.6	300	2.53	0.33	0.60	<0.02	84.1	19.2	62	21.5	35.4

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124474

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M397689		2.11	16.60	0.15	1.7	0.80	0.044	3.43	31.8	28.8	3.45	230	0.59	0.03	7.1	22.1
M397690		1.08	7.89	0.14	1.0	0.77	0.024	1.58	17.5	11.2	1.72	375	0.59	0.02	3.5	14.0
M397691		1.11	6.91	0.16	1.3	1.94	0.021	1.40	16.1	8.9	2.69	765	0.54	0.01	3.4	9.7
M397692		1.80	13.70	0.09	2.4	9.4	0.037	2.85	28.3	17.8	3.47	761	0.80	0.02	7.4	17.1
M397693		4.54	14.50	0.13	2.5	24.0	0.041	2.24	29.6	17.0	0.34	601	5.90	0.02	7.9	32.3
M397694		1.24	9.93	0.08	2.6	16.6	0.064	1.90	22.9	13.4	2.61	1130	0.95	0.02	5.8	15.3
M397695		1.35	8.59	0.07	1.9	19.5	0.037	1.77	22.4	11.1	4.76	1240	0.65	0.02	4.8	9.5
M397696		0.50	0.18	<0.05	<0.1	0.02	0.005	0.02	0.6	0.6	14.05	213	0.39	<0.01	0.2	1.2
M397697		0.82	5.65	0.05	1.1	1.33	0.018	1.24	15.4	9.3	2.12	218	0.29	0.01	3.5	5.2
M397698		1.06	7.46	0.06	1.5	0.09	0.026	1.68	17.9	14.5	2.25	150	0.46	0.02	4.6	10.1
M397699		0.51	2.27	0.05	0.4	0.05	0.008	0.48	9.0	2.7	0.80	132	0.51	0.01	1.6	3.7
M397700		0.53	1.99	0.05	0.3	0.05	0.008	0.43	8.6	2.4	0.80	134	0.62	0.01	1.4	3.4
M397701		0.91	3.53	0.05	0.7	0.07	0.012	0.79	11.4	4.4	2.37	123	0.39	0.01	2.6	4.5
M397702		2.24	2.68	0.07	0.5	0.05	0.010	0.56	9.5	3.7	6.01	227	0.57	0.01	1.9	4.8
M397703		0.61	4.29	0.06	0.7	0.08	0.014	0.93	13.1	6.2	0.84	108	0.47	0.01	2.7	6.8
M397704		0.87	3.41	0.07	0.7	0.39	0.012	0.73	10.4	4.6	2.92	189	0.48	0.01	2.3	5.2
M397705		1.20	6.04	0.07	1.4	0.13	0.021	1.33	15.9	11.1	3.94	222	0.57	0.02	4.1	7.6
M397706		1.73	12.60	0.10	2.3	0.11	0.041	2.78	29.3	26.4	4.64	224	0.86	0.03	8.1	15.6
M397707		1.35	9.83	0.08	1.9	0.3	0.031	2.07	20.9	18.6	3.86	211	0.39	0.02	6.2	11.8
M397708		0.69	4.78	0.06	1.0	0.77	0.018	1.01	15.0	7.2	2.53	189	0.40	0.01	3.3	5.5
M397709		1.53	4.82	0.08	0.9	2.17	0.018	0.96	14.5	8.0	10.05	593	0.26	0.02	3.0	7.6
M397710		3.10	11.10	0.11	2.3	15.5	0.044	1.98	23.0	11.4	2.82	1240	1.87	0.02	6.5	23.6
M397711		1.18	5.02	0.08	1.2	6.3	0.026	0.98	12.9	7.5	9.09	442	0.59	0.01	3.2	8.5
M397712		0.49	0.26	0.05	<0.1	0.01	0.005	0.03	0.6	0.8	13.80	212	0.16	<0.01	0.3	2.0
M397713		1.40	5.83	0.09	1.9	5.6	0.022	1.15	16.7	8.6	8.59	460	1.43	0.02	3.9	10.7
M397714		1.68	7.22	0.09	2.3	7.5	0.025	1.51	19.0	11.1	7.53	325	1.21	0.02	4.6	14.1
M397715		2.07	11.40	0.11	2.6	0.50	0.032	2.48	26.6	18.9	5.82	248	1.44	0.03	6.9	21.7
M397716		1.64	8.07	0.10	2.1	44.9	0.040	1.60	19.8	16.4	3.52	273	1.31	0.02	5.0	11.6
M397717		1.75	8.46	0.10	2.2	45.8	0.042	1.68	20.8	16.7	3.80	286	1.35	0.02	5.4	12.1
M397718		1.47	7.06	0.07	2.7	1.20	0.026	1.55	18.6	9.8	6.41	276	1.03	0.02	5.0	9.1
M397719		1.06	6.64	0.07	1.3	0.84	0.022	1.43	17.4	11.4	1.96	175	0.78	0.02	3.9	10.6
M397720		1.23	8.02	0.09	1.3	0.30	0.025	1.69	20.4	14.3	2.14	172	1.08	0.02	4.5	13.8
M397721		0.94	6.24	0.07	1.0	0.15	0.019	1.35	16.3	10.7	1.41	163	0.55	0.01	3.7	9.9
M397722		1.03	6.42	0.09	2.1	0.08	0.020	1.62	17.7	13.4	1.49	165	0.52	0.02	4.3	9.6
M397723		1.34	8.22	0.09	2.5	0.09	0.025	1.89	21.2	17.4	2.19	191	0.50	0.02	5.4	12.3
M399761		4.43	23.8	0.19	3.3	0.03	0.086	3.10	44.1	141.5	1.40	440	0.49	0.07	13.3	41.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124474

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M397689	620	7.6	117.0	<0.002	0.61	0.38	9.3	1	1.6	242	0.64	<0.05	10.9	0.230	1.09
M397690	360	5.8	53.1	<0.002	0.34	0.22	4.4	1	0.8	514	0.31	<0.05	5.0	0.112	1.40
M397691	390	5.8	46.1	<0.002	0.26	0.26	3.8	1	0.8	348	0.30	<0.05	4.8	0.108	6.42
M397692	700	10.3	98.0	<0.002	0.77	0.37	7.2	1	1.4	180.0	0.62	<0.05	10.4	0.218	23.0
M397693	470	16.9	107.5	0.003	4.39	109.0	7.9	2	2.5	246	0.59	0.14	8.1	0.304	89.0
M397694	690	9.4	70.7	<0.002	4.13	6.02	4.6	2	1.1	114.5	0.48	<0.05	7.8	0.159	35.1
M397695	590	8.2	58.8	<0.002	1.56	2.34	4.3	1	1.0	120.0	0.40	<0.05	7.1	0.143	39.7
M397696	190	1.3	0.9	<0.002	0.02	<0.05	0.1	1	<0.2	51.1	<0.05	<0.05	<0.2	<0.005	0.07
M397697	340	4.7	47.5	<0.002	0.22	0.18	3.2	1	0.7	437	0.28	<0.05	4.6	0.098	3.23
M397698	430	5.6	63.1	0.002	0.32	0.20	4.0	1	0.9	593	0.38	<0.05	6.1	0.128	0.46
M397699	190	3.5	16.9	0.002	0.16	0.14	1.3	1	0.3	941	0.12	<0.05	1.8	0.038	0.23
M397700	180	3.4	14.9	0.002	0.18	0.13	1.2	1	0.3	943	0.10	<0.05	1.6	0.034	0.26
M397701	240	4.1	27.7	<0.002	0.18	0.13	2.2	1	0.5	677	0.20	<0.05	3.3	0.068	0.22
M397702	190	3.5	20.1	<0.002	0.18	0.11	1.6	1	0.3	414	0.15	<0.05	2.3	0.046	0.23
M397703	270	4.5	33.6	0.002	0.30	0.15	2.6	1	0.5	813	0.21	<0.05	3.5	0.072	0.29
M397704	230	4.2	25.5	0.002	0.25	0.12	2.0	1	0.4	559	0.17	<0.05	2.9	0.058	0.39
M397705	330	7.7	47.8	<0.002	0.24	0.15	3.6	2	0.8	353	0.34	<0.05	5.5	0.113	0.40
M397706	690	9.7	93.1	<0.002	0.50	0.27	7.4	3	1.6	211	0.67	<0.05	11.0	0.228	0.57
M397707	500	7.0	69.5	<0.002	0.49	0.22	5.5	2	1.2	357	0.51	<0.05	8.0	0.172	0.57
M397708	320	5.9	36.0	<0.002	0.29	0.15	2.8	1	0.6	657	0.25	<0.05	4.2	0.086	0.52
M397709	380	6.8	34.2	<0.002	0.59	0.31	3.0	1	0.6	109.5	0.23	<0.05	3.9	0.080	2.82
M397710	480	12.0	86.5	<0.002	2.75	23.6	10.4	1	1.7	335	0.51	<0.05	7.0	0.279	45.6
M397711	340	11.0	33.5	0.002	1.51	2.97	3.2	2	0.7	126.5	0.26	<0.05	4.3	0.085	13.05
M397712	180	1.3	1.5	<0.002	0.01	0.05	0.2	1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	0.03
M397713	340	9.4	40.6	0.003	0.62	0.69	3.8	3	0.7	193.5	0.29	<0.05	5.1	0.103	9.42
M397714	380	12.7	53.2	0.004	0.58	0.90	4.6	6	0.8	193.0	0.37	<0.05	6.3	0.127	6.17
M397715	720	15.6	80.5	0.005	0.97	0.75	6.9	4	1.3	183.5	0.56	<0.05	9.3	0.192	3.00
M397716	590	9.0	59.5	0.005	2.01	5.58	4.9	3	1.1	207	0.41	<0.05	6.8	0.141	92.0
M397717	620	9.3	58.4	0.006	2.14	5.80	5.1	3	1.1	217	0.43	<0.05	7.1	0.147	93.4
M397718	450	8.1	55.0	0.004	0.17	0.75	4.4	2	0.9	190.0	0.38	<0.05	6.7	0.131	4.41
M397719	450	6.8	53.2	0.003	0.24	1.16	4.0	2	0.7	720	0.31	<0.05	5.1	0.105	8.14
M397720	560	7.8	63.1	0.005	0.24	0.64	4.7	2	0.8	617	0.35	<0.05	5.9	0.122	2.67
M397721	460	5.4	51.2	0.005	0.18	0.40	3.8	1	0.7	493	0.29	<0.05	4.8	0.097	1.45
M397722	380	5.8	62.0	0.002	0.15	0.23	3.9	1	0.7	382	0.34	<0.05	5.7	0.112	0.49
M397723	610	7.3	66.8	0.002	0.20	0.21	5.0	2	0.9	322	0.44	<0.05	7.2	0.142	0.53
M399761	420	14.0	147.5	<0.002	0.10	0.30	17.8	1	2.8	165.0	1.10	0.07	15.0	0.410	0.75

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124474

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M397689		5.3	84	1.4	13.3	19	64.9	
M397690		10.4	43	3.2	11.0	10	38.5	
M397691		10.2	40	4.1	9.3	12	53.1	
M397692		6.9	83	6.8	13.4	20	76.8	
M397693		4.6	89	6.2	23.6	82	76.3	
M397694		9.5	58	5.7	10.9	15	81.9	6.11
M397695		9.8	54	3.6	9.6	21	59.1	1.790
M397696		0.7	2	0.1	0.9	16	0.6	
M397697		8.8	37	1.4	8.8	24	33.9	
M397698		12.0	47	0.6	10.8	20	49.5	
M397699		17.4	19	0.3	5.1	21	12.9	
M397700		16.5	18	0.2	4.9	22	11.4	
M397701		14.0	27	0.4	6.7	39	24.6	
M397702		14.8	22	0.3	5.5	11	16.9	
M397703		15.6	28	0.4	7.0	22	22.1	
M397704		14.4	25	0.5	6.9	26	21.7	
M397705		12.2	39	0.8	11.0	32	46.8	
M397706		7.8	76	1.1	17.5	24	75.5	
M397707		10.5	55	0.9	13.0	24	60.6	
M397708		12.4	33	0.6	8.9	66	32.5	
M397709		9.8	31	1.3	9.2	12	30.7	
M397710		7.5	89	8.5	20.9	51	72.3	
M397711		13.8	34	2.3	7.7	12	40.5	1.350
M397712		1.2	3	0.1	0.9	15	<0.5	
M397713		8.5	41	2.4	11.0	35	64.0	
M397714		7.2	50	3.7	11.7	35	74.9	
M397715		10.4	72	1.1	13.9	27	81.7	
M397716		38.5	55	5.3	10.1	56	71.4	2.12
M397717		39.5	58	5.7	10.6	60	69.1	2.15
M397718		16.4	46	2.7	12.6	25	82.0	
M397719		38.9	44	2.2	9.9	16	43.8	
M397720		34.2	52	1.9	10.4	21	44.6	
M397721		29.9	41	0.6	8.5	15	33.9	
M397722		12.9	43	0.5	10.5	13	72.4	
M397723		7.2	51	0.6	13.7	19	82.6	
M399761		2.5	91	1.7	22.8	95	101.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124474

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

CERTIFICATE WH13124665

Project: Nadaleen

P.O. No.: 13-018

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124665

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M399790		6.91	<0.01	0.02	1.33	26	60	0.58	0.04	16.90	0.07	18.25	2.7	9	5.05	7.5
M399791		6.86	<0.01	0.01	2.94	29	120	1.00	0.07	14.35	0.04	29.8	4.5	26	9.75	10.4
M399792		8.91	<0.01	0.09	1.59	23	90	0.71	0.05	16.85	0.05	24.0	3.7	13	5.73	10.2
M399793		7.64	0.03	0.04	1.76	56	80	0.69	0.05	18.45	0.05	24.4	3.1	13	5.54	7.1
M399794		7.43	<0.01	0.02	0.06	<5	40	0.05	0.04	21.3	0.06	1.36	1.4	<1	0.19	1.5
M399795		11.63	<0.01	0.02	1.01	19	50	0.42	0.03	19.05	0.03	16.30	2.6	7	3.31	5.5
M399796		12.53	<0.01	0.03	1.07	13	260	0.44	0.04	19.10	0.04	14.70	2.4	8	3.29	5.9
M399797		11.36	0.02	0.04	1.06	24	80	0.45	0.03	21.2	0.04	16.15	2.7	7	3.01	6.2
M399798		8.21	<0.01	0.10	1.19	47	70	0.61	0.04	20.5	0.04	14.70	2.7	8	3.53	9.5
M399799		5.99	<0.01	0.04	1.11	20	60	0.54	0.04	19.80	0.03	14.25	2.5	7	3.84	5.3
M399800		7.47	<0.01	0.04	1.51	39	70	0.66	0.05	19.70	0.05	17.70	3.8	11	5.11	13.6
M399801		<0.02	<0.01	0.06	1.48	40	70	0.72	0.04	19.20	0.05	17.10	3.7	11	4.97	12.9
M399802		10.51	<0.01	0.04	1.93	37	270	0.82	0.06	22.7	0.12	23.1	3.4	15	6.08	9.9
M399803		6.14	0.02	0.06	2.69	60	160	1.19	0.07	12.25	0.05	34.2	5.2	24	8.50	9.9
M399804		12.42	0.04	0.08	4.26	72.9	280	1.94	0.12	9.33	0.04	45.8	7.3	38	17.05	19.4
M399805		11.11	0.02	0.09	3.05	122	160	1.35	0.09	19.15	0.04	34.3	7.2	22	13.55	15.6
M399806		12.46	0.02	0.06	1.87	62	130	0.84	0.06	26.5	0.04	24.4	4.1	11	7.69	9.0
M399807		0.27	0.50	0.09	3.49	2110	190	0.88	0.14	17.70	0.13	36.6	11.8	36	9.98	41.6
M399808		11.84	0.10	0.05	3.11	133	160	1.30	0.08	21.6	0.04	34.0	6.7	23	12.10	14.7
M399809		11.75	0.31	0.06	1.36	123	300	0.64	0.04	27.0	0.07	19.85	3.5	8	4.68	7.7
M399810		5.59	0.31	0.06	3.68	226	170	1.89	0.10	15.50	0.11	40.5	6.4	33	13.85	16.4
M399811		13.24	0.43	0.05	1.83	227	80	0.96	0.06	18.35	0.11	23.4	3.3	15	6.17	11.2
M399812		12.29	0.91	0.26	1.49	110	70	0.66	0.05	19.25	0.09	20.3	3.4	11	4.87	18.4
M399813		11.01	0.37	0.08	0.89	123	50	0.36	0.03	25.1	0.04	11.65	2.5	4	1.95	4.2
M399814		0.27	12.90	0.67	4.76	8080	310	0.81	0.22	3.85	0.60	51.1	16.1	64	12.75	64.2
M399815		4.16	1.18	0.40	1.63	1260	50	0.60	0.05	22.6	0.04	16.05	2.9	10	3.96	6.2
M399816		2.51	19.35	5.13	1.76	>10000	50	0.55	0.06	17.65	0.19	15.25	4.6	14	4.34	14.7
M399817		6.32	32.9	10.70	2.37	>10000	100	0.68	0.08	8.64	1.24	28.1	4.8	27	4.10	22.9
M399818		5.19	32.5	5.04	2.70	>10000	230	0.60	0.08	6.48	3.93	42.3	5.4	35	3.97	18.3
M399819		6.88	0.03	0.01	0.06	57	20	0.08	0.02	21.2	0.08	1.06	1.3	<1	0.21	2.1
M399820		7.54	16.75	0.94	2.93	>10000	130	0.80	0.07	5.98	1.51	36.8	5.9	37	4.41	16.6
M399821		10.39	0.66	0.09	2.39	267	120	0.86	0.06	18.00	0.16	28.5	4.6	22	5.67	12.0
M399822		12.06	0.02	0.08	2.64	245	230	0.87	0.14	16.35	0.13	33.2	4.8	28	7.08	13.7
M399823		11.71	0.01	0.07	2.52	165	240	0.70	0.06	13.75	0.08	35.4	4.8	24	7.23	11.2
M399824		11.97	0.01	0.09	2.87	514	240	1.17	0.08	16.20	0.13	35.9	5.3	29	9.61	22.6
M399825		5.38	0.01	0.09	2.87	583	310	0.98	0.08	16.35	0.11	37.7	4.8	34	9.55	19.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124665

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M399790		0.43	3.80	0.08	0.8	0.15	0.010	0.69	10.5	8.6	9.80	188	0.32	0.01	2.5	5.3
M399791		0.65	7.86	0.07	2.1	0.30	0.018	1.47	18.5	15.7	7.77	180	0.54	0.02	5.7	8.5
M399792		0.70	4.27	0.07	1.5	0.24	0.012	0.81	13.8	10.1	8.94	205	1.35	0.02	3.2	7.2
M399793		0.74	4.77	0.08	1.4	0.37	0.016	0.88	13.1	9.6	8.95	346	0.46	0.02	3.3	5.2
M399794		0.50	0.26	0.05	<0.1	<0.01	<0.005	0.02	0.7	1.0	12.85	213	0.18	0.01	0.4	2.8
M399795		0.49	2.61	0.07	0.7	0.20	0.007	0.51	9.4	5.9	10.95	231	0.27	0.02	1.9	4.5
M399796		0.48	2.31	0.05	0.8	0.29	0.007	0.54	8.8	4.9	10.30	206	0.59	0.02	1.8	6.1
M399797		0.54	2.84	0.06	0.7	0.35	0.006	0.53	9.3	5.5	10.35	242	0.66	0.01	2.0	5.8
M399798		0.50	3.68	0.08	0.8	0.54	0.008	0.61	8.2	6.3	9.93	236	0.50	0.01	1.9	<0.2
M399799		0.50	3.51	0.07	0.6	0.37	0.009	0.58	8.0	6.7	9.77	260	0.42	0.01	1.9	<0.2
M399800		0.66	4.73	0.07	0.9	0.62	0.010	0.78	9.5	8.4	8.31	222	0.60	0.01	2.5	0.4
M399801		0.66	4.53	0.07	0.9	0.70	0.010	0.79	9.2	8.0	8.18	221	0.59	0.01	2.4	0.4
M399802		0.60	5.82	0.06	1.2	0.50	0.016	0.99	12.6	10.3	2.77	196	0.34	0.01	3.3	<0.2
M399803		1.36	8.08	0.10	2.0	1.11	0.021	1.45	17.2	16.1	5.75	462	0.68	0.02	4.7	7.3
M399804		1.52	12.65	0.10	2.8	1.43	0.028	2.39	23.5	32.7	4.97	470	0.66	0.03	6.4	12.7
M399805		1.37	8.91	0.08	1.3	0.64	0.021	1.63	18.0	25.9	2.52	334	0.49	0.02	4.1	9.4
M399806		0.84	5.44	0.05	0.7	0.36	0.013	0.99	12.8	13.5	1.31	277	0.42	0.01	2.5	1.7
M399807		2.83	10.75	0.11	1.8	4.01	0.038	1.59	18.3	9.8	1.33	1100	1.48	0.02	6.0	18.4
M399808		1.32	9.14	0.08	1.2	0.98	0.021	1.66	17.8	22.9	1.88	579	0.43	0.02	4.2	9.3
M399809		0.69	4.14	<0.05	0.6	1.54	0.010	0.69	10.6	9.1	1.23	825	0.43	0.01	1.9	<0.2
M399810		1.18	11.55	0.09	2.2	2.56	0.026	2.05	21.0	25.9	2.81	804	0.75	0.02	5.6	9.7
M399811		0.86	5.79	0.07	1.1	4.16	0.015	0.93	13.2	11.9	7.17	1260	0.34	0.01	3.2	1.9
M399812		0.72	4.73	0.07	0.8	5.05	0.012	0.77	11.6	9.8	8.48	1150	0.62	0.01	2.5	1.1
M399813		0.73	2.64	0.05	0.4	2.68	0.007	0.46	6.7	4.9	7.18	1640	0.27	0.01	1.3	<0.2
M399814		4.59	14.60	0.19	2.3	25.5	0.036	2.17	27.5	19.2	0.34	613	5.47	0.02	7.0	36.2
M399815		0.94	4.79	<0.05	0.7	4.18	0.014	0.85	8.7	9.7	8.50	2670	0.29	0.01	2.2	<0.2
M399816		1.35	5.50	0.05	0.9	14.4	0.062	0.91	8.7	11.8	4.99	4570	0.89	0.01	2.6	5.0
M399817		2.06	7.33	0.11	1.0	23.5	0.162	1.17	14.9	22.2	2.37	2700	0.82	0.01	3.5	8.9
M399818		1.82	8.38	0.11	1.4	27.5	0.057	1.37	22.5	37.3	0.88	3030	1.21	0.01	4.2	11.8
M399819		0.49	0.29	0.07	<0.1	0.04	<0.005	0.02	0.5	1.1	12.70	215	0.08	<0.01	0.2	<0.2
M399820		1.58	8.70	0.10	1.9	41.6	0.031	1.47	19.5	46.9	0.72	2820	1.22	0.01	4.8	14.1
M399821		1.10	6.65	0.06	1.7	2.82	0.016	1.33	14.9	19.3	3.22	1160	0.75	0.02	4.0	5.9
M399822		1.21	7.57	0.09	1.7	0.29	0.021	1.53	17.3	24.8	3.36	209	0.73	0.02	4.8	6.7
M399823		1.21	6.84	0.08	1.8	0.15	0.019	1.49	18.1	28.2	3.33	193	0.59	0.03	4.5	6.9
M399824		1.25	8.36	0.08	1.9	0.12	0.023	1.60	18.9	38.2	2.82	178	0.53	0.03	5.0	9.1
M399825		1.28	7.14	0.11	1.9	0.1	0.023	1.70	19.7	35.6	2.86	186	0.51	0.03	4.8	13.2

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ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124665

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399790		180	5.8	28.2	<0.002	0.16	0.29	2.5	3	0.5	109.0	0.20	<0.05	2.8	0.064	0.66
M399791		440	8.5	53.8	0.003	0.29	0.59	5.0	2	1.1	166.5	0.47	<0.05	6.9	0.150	1.32
M399792		250	7.8	33.2	0.002	0.22	0.45	2.8	2	0.6	171.5	0.25	<0.05	4.0	0.081	0.79
M399793		260	5.4	35.3	0.002	0.11	0.41	3.2	2	0.6	195.5	0.26	<0.05	4.0	0.085	0.80
M399794		200	1.5	1.4	<0.002	0.01	<0.05	0.2	1	<0.2	47.4	<0.05	<0.05	<0.2	0.006	<0.02
M399795		250	4.2	19.6	<0.002	0.15	0.25	1.8	1	0.4	109.0	0.15	<0.05	2.3	0.051	0.63
M399796		160	4.9	18.7	0.002	0.16	0.32	1.5	1	0.4	152.0	0.16	<0.05	2.5	0.052	0.71
M399797		160	6.3	21.2	<0.002	0.17	0.39	1.9	2	0.4	249	0.16	<0.05	2.3	0.050	0.93
M399798		180	5.7	19.7	0.002	0.14	0.49	2.2	4	0.4	247	0.13	0.20	2.3	0.056	0.79
M399799		160	5.2	20.0	<0.002	0.16	0.36	2.1	2	0.4	241	0.13	0.17	2.3	0.052	0.88
M399800		200	7.6	27.2	<0.002	0.30	0.52	2.8	4	0.6	282	0.18	0.16	3.1	0.073	1.20
M399801		200	7.3	26.4	<0.002	0.31	0.46	2.7	5	0.5	274	0.17	0.12	3.0	0.071	1.18
M399802		330	7.2	36.8	0.002	0.23	0.52	3.6	5	0.8	443	0.23	0.20	4.2	0.092	1.29
M399803		440	7.3	54.2	<0.002	0.44	0.79	5.1	5	1.0	214	0.34	0.16	6.0	0.131	2.49
M399804		580	7.6	90.1	<0.002	0.48	1.34	7.4	3	1.3	204	0.47	0.17	8.6	0.189	3.36
M399805		310	6.4	61.9	<0.002	0.48	1.43	5.3	3	0.9	512	0.30	0.13	5.5	0.121	1.42
M399806		250	6.3	37.1	<0.002	0.31	0.46	3.3	2	0.5	762	0.18	0.17	3.5	0.072	0.84
M399807		360	8.9	77.5	0.002	2.43	9.75	9.7	3	1.5	696	0.41	0.27	5.6	0.251	9.94
M399808		400	9.1	63.8	<0.002	0.58	1.10	5.4	2	0.9	676	0.31	0.21	5.9	0.121	2.37
M399809		210	5.6	25.8	<0.002	0.30	1.81	2.5	2	0.4	648	0.14	0.24	2.7	0.053	3.92
M399810		570	20.1	78.5	<0.002	0.41	2.44	6.6	3	1.1	332	0.42	0.14	7.6	0.161	5.81
M399811		290	13.7	35.9	<0.002	0.41	4.27	3.5	3	0.7	226	0.23	0.20	4.1	0.086	12.75
M399812		310	5.4	29.4	<0.002	0.32	3.96	2.9	4	0.5	209	0.18	0.17	3.4	0.067	8.81
M399813		130	3.6	15.3	<0.002	0.11	3.61	1.6	3	0.3	384	0.09	0.18	1.7	0.038	7.79
M399814		480	16.3	102.0	0.003	4.46	107.5	8.7	3	2.3	263	0.51	0.24	7.5	0.311	98.3
M399815		190	3.9	29.3	<0.002	0.28	10.45	2.9	2	0.5	213	0.16	0.21	2.9	0.067	18.95
M399816		260	8.7	34.6	<0.002	3.72	98.9	4.0	3	0.6	147.5	0.19	0.25	3.5	0.079	65.6
M399817		360	11.9	49.4	<0.002	9.28	376	4.0	4	0.8	126.5	0.25	0.20	4.7	0.102	92.6
M399818		430	12.5	61.0	<0.002	3.84	130.5	3.3	5	0.9	114.0	0.30	0.19	5.8	0.125	97.0
M399819		160	1.3	1.3	<0.002	0.01	0.38	0.3	2	<0.2	48.6	<0.05	0.19	<0.2	<0.005	0.14
M399820		480	11.9	65.1	<0.002	1.63	159.5	3.0	4	1.2	186.5	0.36	0.19	6.1	0.144	166.0
M399821		360	8.5	56.3	<0.002	0.30	14.45	4.0	5	0.8	544	0.29	0.22	5.3	0.116	18.10
M399822		430	8.8	65.8	<0.002	0.25	5.94	4.6	4	0.9	490	0.33	0.14	5.9	0.130	1.98
M399823		460	8.6	71.8	<0.002	0.29	3.61	4.2	5	0.8	679	0.31	0.19	5.6	0.119	0.96
M399824		570	8.9	77.7	<0.002	0.27	2.95	5.1	4	1.0	930	0.37	0.17	6.9	0.140	1.16
M399825		540	8.7	79.4	<0.002	0.29	3.16	4.7	4	0.9	932	0.37	<0.05	5.9	0.145	1.19

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124665

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M399790		6.8	21	0.7	6.0	30	26.8	
M399791		12.1	42	1.7	10.7	16	65.3	
M399792		11.5	35	0.8	8.5	9	49.8	
M399793		7.4	28	1.2	9.1	13	46.7	
M399794		0.5	2	0.1	0.9	15	0.6	
M399795		7.7	18	0.5	5.8	7	23.1	
M399796		10.0	19	0.6	4.6	11	22.9	
M399797		9.3	18	0.8	5.8	10	22.8	
M399798		8.2	20	1.0	5.3	12	25.9	
M399799		7.4	22	0.6	5.0	5	21.4	
M399800		9.8	24	0.7	6.1	13	32.8	
M399801		9.3	25	0.7	5.9	13	31.4	
M399802		10.5	31	0.8	8.8	35	46.7	
M399803		5.6	44	1.3	11.3	14	75.4	
M399804		5.5	61	1.9	13.7	15	102.0	
M399805		8.3	44	1.1	8.9	24	49.6	
M399806		10.6	30	0.7	6.7	13	27.7	
M399807		2.4	69	5.0	16.7	45	64.3	
M399808		9.8	46	1.4	9.0	17	45.2	
M399809		8.5	25	1.1	5.6	15	21.5	
M399810		7.9	61	2.3	12.3	49	80.8	
M399811		12.9	33	1.6	7.8	40	38.0	
M399812		11.2	28	1.3	7.1	21	27.2	
M399813		12.6	17	0.8	4.2	12	13.0	
M399814		4.4	89	5.7	20.9	79	81.3	
M399815		15.9	29	1.1	5.2	9	24.4	
M399816		19.0	29	1.7	5.7	7	31.8	5.58
M399817		10.7	38	2.2	14.7	90	34.6	16.65
M399818		17.6	47	2.8	15.1	310	48.8	3.86
M399819		0.7	2	0.2	0.7	17	<0.5	
M399820		15.0	50	2.8	13.6	162	65.0	1.490
M399821		9.2	36	1.1	9.4	41	59.9	
M399822		6.9	40	0.8	10.1	36	62.9	
M399823		6.0	36	0.7	10.9	34	68.1	
M399824		8.9	46	0.7	12.1	40	66.4	
M399825		7.5	46	0.7	12.3	40	65.9	

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CERTIFICATE OF ANALYSIS WH13124665

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

CERTIFICATE WH13126598

Project: Nadaleen

P.O. No.: 13-019

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126598

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M399826		11.28	0.01	0.06	0.98	368	260	0.31	0.05	27.9	0.23	19.20	1.8	9	2.32	9.7
M399827		11.06	<0.01	0.05	0.94	257	860	0.30	0.05	25.3	0.27	18.40	1.8	8	2.13	6.1
M399828		11.92	<0.01	0.05	1.02	262	80	0.37	0.04	29.8	0.23	15.15	1.9	6	2.16	6.1
M399829		12.14	0.01	0.05	1.26	128	90	0.40	0.05	25.9	0.27	16.80	2.3	10	2.67	7.3
M399830		11.90	0.01	0.05	1.32	571	90	0.45	0.06	26.2	0.30	19.25	2.9	12	3.30	8.6
M399831		12.14	0.01	0.05	3.21	236	210	1.08	0.10	15.95	0.07	36.1	6.3	32	8.46	21.5
M399832		4.65	0.01	0.05	3.35	284	180	1.12	0.10	16.65	0.10	37.5	6.1	36	8.66	22.8
M399833		12.26	0.01	0.05	2.47	111	140	0.97	0.09	20.9	0.11	29.0	4.8	27	4.63	17.0
M399834		11.94	0.01	0.04	2.46	314	150	0.88	0.08	20.8	0.06	31.2	5.3	24	5.57	17.6
M399835		11.92	0.01	0.04	3.07	66	140	0.97	0.10	20.3	0.09	33.9	5.6	29	5.67	20.5
M399836		12.07	0.01	0.04	2.44	196	200	0.85	0.09	22.5	0.13	28.6	4.6	24	4.19	17.7
M399837		12.26	0.01	0.03	3.34	221	140	1.10	0.12	16.05	0.11	36.0	6.5	31	5.45	18.1
M399838		0.29	0.50	0.09	3.41	2450	190	0.89	0.15	17.80	0.11	36.8	11.3	43	10.10	44.0
M399839		11.67	0.01	0.03	3.99	102	210	1.32	0.13	13.85	0.11	43.5	7.0	40	7.00	25.2
M399840		11.57	0.01	0.04	4.12	198	200	1.40	0.13	11.25	0.08	47.2	7.8	40	7.60	30.1
M399841		11.71	0.01	0.04	3.64	184	150	1.18	0.12	16.15	0.09	40.8	7.2	33	6.23	29.9
M399842		12.33	0.01	0.03	2.45	122	120	0.91	0.10	21.1	0.09	30.0	4.8	24	3.54	19.0
M399843		6.82	<0.01	0.01	0.04	<5	50	0.06	0.04	19.95	0.05	0.97	0.7	<1	0.15	1.3
M399844		10.75	0.01	0.03	1.83	269	110	0.58	0.07	25.9	0.56	21.0	4.2	16	2.12	10.6
M399845		12.05	0.01	0.06	3.72	246	140	1.08	0.11	15.25	0.08	40.2	7.4	38	6.02	26.2
M399846		11.74	0.01	0.04	3.35	208	200	1.03	0.13	17.95	0.07	37.1	6.5	33	5.21	23.4
M399847		11.57	0.01	0.06	3.19	186	140	1.03	0.11	16.35	0.13	38.3	5.8	32	4.71	19.9
M399848		10.75	0.01	0.03	3.11	275	140	0.98	0.12	18.70	0.08	36.4	6.3	30	5.06	24.2
M399849		12.72	0.01	0.03	2.80	126	110	0.94	0.10	22.7	0.06	34.2	5.2	29	3.34	19.5
M399850		0.29	0.50	0.09	3.59	2560	200	0.92	0.14	19.05	0.12	40.8	10.9	45	10.30	42.0
M399851		6.03	0.01	0.05	2.14	114	110	0.77	0.07	25.9	0.34	29.5	4.4	24	2.26	13.6
M399852		6.72	0.01	0.08	2.28	82	90	0.83	0.07	23.8	0.53	30.8	6.5	25	1.73	20.4
M399853		4.81	0.01	0.10	5.67	128.0	210	1.51	0.17	7.49	0.15	67.5	22.4	55	6.20	57.4
M399854		11.88	<0.01	0.09	7.56	21.6	440	2.14	0.29	3.82	0.13	87.1	12.7	63	11.10	157.0
M399855		12.91	<0.01	0.01	7.62	20.7	370	2.05	0.26	2.85	0.13	84.6	12.8	100	13.70	11.9
M399856		7.05	<0.01	0.01	0.07	<5	40	0.09	0.03	21.6	0.06	1.35	0.7	<1	0.16	2.0
M399857		7.72	<0.01	0.02	0.90	19	100	0.37	0.04	29.3	0.02	18.30	1.9	8	1.85	4.5
M399858		9.86	<0.01	0.05	2.62	18	190	0.85	0.10	24.8	0.03	36.4	4.5	23	6.35	10.1
M399859		10.20	<0.01	0.03	2.53	18	200	0.79	0.09	26.3	0.04	34.7	4.4	22	6.24	10.0
M399860		<0.02	<0.01	0.04	2.45	19	190	0.79	0.09	26.0	0.03	33.3	4.2	21	6.07	9.6
M399861		7.46	<0.01	0.04	2.61	68	310	0.76	0.09	23.2	0.04	39.4	4.5	24	5.53	10.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- JUL- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126598

Sample Description	Method Analyte Units LOR	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- CV41 Hg ppm 0.01	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
M399826		0.58	2.49	0.09	0.7	0.07	0.011	0.55	10.2	6.3	1.08	147	0.71	0.01	1.8	4.9
M399827		0.54	2.36	0.09	0.8	0.1	0.008	0.54	9.6	7.4	1.67	136	0.75	0.01	2.1	4.2
M399828		0.48	2.60	0.11	0.8	0.09	0.008	0.56	8.4	6.8	1.04	112	0.80	0.01	1.9	4.2
M399829		0.57	3.24	0.10	1.0	0.1	0.012	0.66	8.7	8.9	2.18	122	1.07	0.02	2.4	5.4
M399830		0.85	3.62	0.11	1.0	0.13	0.014	0.72	10.0	13.3	2.44	155	0.79	0.02	2.5	7.2
M399831		1.41	8.63	0.18	1.7	0.06	0.026	1.53	18.8	58.3	4.04	185	0.92	0.03	5.5	16.2
M399832		1.48	8.84	0.14	1.8	0.06	0.031	1.61	19.6	61.5	4.41	199	0.78	0.03	5.5	16.5
M399833		1.28	6.63	0.13	1.3	<0.1	0.020	1.01	15.0	48.8	3.08	189	0.88	0.03	4.2	14.0
M399834		1.28	6.86	0.12	1.3	0.04	0.021	0.90	16.8	41.9	3.06	210	0.84	0.03	4.4	13.8
M399835		1.33	8.22	0.13	1.6	0.04	0.028	1.19	18.6	48.3	2.71	199	0.51	0.03	5.3	14.8
M399836		1.21	6.55	0.15	1.2	0.04	0.019	0.91	14.8	35.0	2.84	222	0.79	0.03	4.3	11.9
M399837		1.85	8.72	0.12	2.1	0.02	0.026	1.24	19.1	27.3	4.15	248	0.55	0.04	5.6	16.3
M399838		2.87	9.70	0.13	1.8	3.76	0.033	1.67	18.6	8.6	1.31	1140	2.37	0.02	6.2	29.1
M399839		2.00	10.45	0.13	2.1	0.03	0.028	1.52	22.9	32.1	4.18	270	0.57	0.04	6.7	19.2
M399840		1.88	11.20	0.14	2.1	0.03	0.034	1.55	24.8	32.6	3.62	265	0.66	0.05	7.3	21.0
M399841		1.71	10.00	0.16	1.8	0.04	0.031	1.27	21.7	34.1	3.04	302	0.61	0.03	6.3	19.3
M399842		1.15	6.83	0.13	1.2	<0.1	0.019	0.83	15.4	30.2	2.32	322	0.64	0.02	4.3	13.0
M399843		0.45	0.17	0.10	<0.1	<0.01	0.005	0.02	0.5	0.9	12.10	196	0.33	<0.01	0.1	1.7
M399844		0.97	4.99	0.12	0.8	0.04	0.016	0.49	11.2	16.7	1.38	355	0.81	0.02	3.0	11.7
M399845		1.82	10.00	0.16	1.7	0.06	0.029	1.20	21.2	37.5	2.67	371	0.70	0.03	6.2	19.8
M399846		1.61	9.11	0.15	1.5	0.05	0.027	1.14	19.9	60.5	2.29	441	0.53	0.03	5.7	17.1
M399847		1.49	8.72	0.14	2.1	0.06	0.025	1.15	20.0	43.8	3.19	504	0.76	0.03	5.9	15.6
M399848		1.41	8.66	0.15	1.6	0.05	0.029	1.03	19.1	46.0	2.89	675	0.64	0.03	5.6	16.9
M399849		1.38	7.16	0.11	1.1	0.04	0.020	0.89	18.4	45.5	2.47	1040	0.28	0.03	4.6	13.2
M399850		2.97	9.35	0.11	1.7	4.00	0.033	1.71	19.9	9.0	1.45	1180	1.54	0.02	6.0	23.7
M399851		0.98	5.45	0.11	1.0	0.05	0.015	0.64	15.4	29.0	1.79	1690	0.47	0.02	3.7	10.1
M399852		1.16	5.87	0.11	1.0	0.10	0.016	0.72	16.4	34.2	2.61	2410	0.91	0.03	3.8	12.1
M399853		2.46	14.90	0.18	2.5	0.07	0.037	2.07	35.2	66.6	4.03	1830	1.69	0.05	9.9	32.5
M399854		3.24	19.35	0.18	2.8	0.07	0.051	2.90	46.8	148.0	3.06	1000	0.27	0.06	13.2	54.5
M399855		3.86	18.85	0.18	2.5	0.02	0.045	3.14	44.8	48.8	2.50	832	0.12	0.06	12.5	42.9
M399856		0.47	0.24	0.15	<0.1	<0.01	<0.005	0.03	0.6	1.3	12.85	211	0.09	0.01	0.2	1.5
M399857		0.79	2.19	0.10	0.4	0.03	<0.005	0.30	8.2	28.7	0.99	423	0.20	0.02	1.2	3.3
M399858		1.41	6.33	0.14	1.1	0.17	0.018	1.05	18.0	58.5	1.25	353	0.34	0.04	3.4	9.7
M399859		1.30	6.08	0.14	1.0	0.23	0.016	1.04	17.5	50.1	0.98	252	0.27	0.04	3.3	9.0
M399860		1.27	5.81	0.14	1.0	0.22	0.017	1.01	16.9	48.5	0.98	250	0.25	0.03	3.1	8.5
M399861		1.40	6.26	0.15	1.3	0.57	0.017	1.09	19.4	20.5	0.88	268	0.32	0.03	3.7	9.4

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126598

Sample Description / Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399826	260	4.7	24.3	0.003	0.10	0.90	1.7	2	0.4	1165	0.13	<0.05	2.4	0.049	0.43
M399827	280	7.0	21.1	<0.002	0.11	0.77	1.6	1	0.3	1240	0.14	<0.05	2.3	0.049	0.36
M399828	210	7.2	22.5	<0.002	0.14	0.74	1.8	2	0.4	1315	0.15	<0.05	2.3	0.051	0.29
M399829	230	8.2	25.7	0.002	0.20	0.57	2.2	2	0.5	1420	0.18	<0.05	3.1	0.064	0.30
M399830	260	11.5	29.1	<0.002	0.28	1.59	2.4	3	0.5	1705	0.19	<0.05	3.4	0.070	0.46
M399831	430	7.4	72.2	0.003	0.18	0.76	5.5	3	1.1	455	0.39	<0.05	7.2	0.157	0.45
M399832	450	7.7	73.9	0.003	0.18	0.90	5.6	3	1.1	478	0.41	<0.05	7.6	0.164	0.50
M399833	330	8.2	48.9	<0.002	0.11	0.44	4.3	2	0.9	616	0.31	<0.05	5.6	0.120	0.26
M399834	340	6.9	44.7	0.002	0.09	0.67	4.4	3	0.9	555	0.32	<0.05	5.5	0.119	0.30
M399835	370	9.3	55.6	<0.002	0.05	0.25	5.3	2	1.0	569	0.39	<0.05	6.8	0.149	0.28
M399836	340	8.2	42.3	0.002	0.06	0.45	4.3	2	0.8	589	0.30	<0.05	5.4	0.121	0.23
M399837	370	5.8	55.0	<0.002	0.18	0.26	5.5	2	1.2	358	0.42	<0.05	7.1	0.163	0.29
M399838	360	8.7	79.3	0.003	2.38	9.01	9.4	2	1.4	677	0.44	0.05	5.8	0.263	10.55
M399839	430	8.6	68.2	<0.002	0.04	0.27	6.7	2	1.4	324	0.51	<0.05	8.8	0.195	0.35
M399840	470	9.5	72.5	0.002	0.03	0.27	7.2	3	1.4	359	0.55	<0.05	9.2	0.199	0.33
M399841	400	7.8	60.5	<0.002	0.08	0.33	6.4	2	1.3	423	0.48	<0.05	8.1	0.174	0.32
M399842	340	8.0	38.8	<0.002	0.05	0.28	4.4	2	0.9	472	0.31	<0.05	5.5	0.119	0.19
M399843	170	1.3	1.0	<0.002	<0.01	0.09	0.2	<1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02
M399844	220	7.5	22.9	<0.002	0.05	0.48	3.3	1	0.7	569	0.21	<0.05	3.7	0.082	0.13
M399845	480	9.6	55.8	<0.002	0.12	0.31	6.5	3	1.3	406	0.47	<0.05	7.8	0.176	0.32
M399846	410	6.8	51.7	0.002	0.04	0.27	5.9	2	1.2	471	0.42	<0.05	7.0	0.158	0.27
M399847	450	10.2	52.1	<0.002	0.07	0.27	5.6	2	1.2	537	0.44	<0.05	7.7	0.163	0.24
M399848	340	8.0	48.6	0.002	0.04	0.24	5.5	2	1.2	451	0.40	<0.05	6.9	0.152	0.29
M399849	280	6.2	40.0	<0.002	0.07	0.17	4.6	2	1.0	502	0.34	<0.05	5.4	0.133	0.20
M399850	380	8.3	79.0	<0.002	2.54	8.88	8.8	1	1.3	715	0.42	0.07	5.3	0.270	9.74
M399851	270	11.1	28.0	<0.002	0.11	0.21	3.6	2	0.8	589	0.27	<0.05	4.4	0.105	0.19
M399852	280	68.6	31.2	<0.002	0.13	0.33	3.8	2	1.0	638	0.28	<0.05	4.7	0.110	0.18
M399853	520	26.1	85.9	<0.002	0.29	0.38	9.2	2	1.9	370	0.73	<0.05	12.0	0.271	0.41
M399854	490	6.1	128.0	<0.002	0.11	0.32	13.1	1	2.3	280	0.94	<0.05	15.4	0.341	0.67
M399855	450	10.8	141.5	<0.002	0.03	0.45	12.7	1	2.1	152.5	0.88	<0.05	14.8	0.335	0.67
M399856	200	1.5	1.2	<0.002	<0.01	0.05	0.2	<1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02
M399857	550	3.0	17.3	<0.002	0.06	0.17	1.7	1	0.2	928	0.08	<0.05	1.7	0.041	0.11
M399858	620	6.9	57.0	<0.002	0.10	0.20	4.5	1	0.7	744	0.25	<0.05	4.4	0.118	0.52
M399859	480	6.4	55.8	<0.002	0.09	0.23	4.4	1	0.7	1070	0.24	<0.05	4.1	0.113	0.62
M399860	480	6.3	52.9	<0.002	0.09	0.22	4.2	1	0.8	1050	0.23	<0.05	4.0	0.109	0.61
M399861	640	8.1	55.2	0.002	0.11	0.37	4.6	1	1.1	958	0.28	<0.05	4.7	0.131	1.19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126598

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M399826		9.6	22	0.3	6.4	26	24.6
M399827		9.8	16	0.3	5.3	27	26.1
M399828		11.6	18	0.3	5.5	30	27.8
M399829		10.8	22	0.3	5.8	33	35.3
M399830		11.6	24	0.4	6.7	39	34.2
M399831		6.3	52	0.7	11.3	41	58.4
M399832		6.5	55	0.7	11.9	43	60.6
M399833		9.0	41	0.5	9.3	42	42.5
M399834		9.3	41	0.5	10.3	40	45.6
M399835		9.2	45	0.6	10.7	50	53.0
M399836		10.2	39	0.5	9.6	43	45.3
M399837		4.5	43	0.7	11.5	53	63.0
M399838		2.3	72	5.5	16.0	46	65.3
M399839		5.8	59	0.8	14.1	62	73.8
M399840		6.5	63	0.8	15.2	62	74.6
M399841		7.2	51	0.7	12.8	58	63.6
M399842		9.2	37	0.5	10.1	42	43.1
M399843		0.5	2	0.1	0.7	16	<0.5
M399844		14.6	31	0.4	8.3	34	32.0
M399845		7.0	54	0.7	12.8	58	55.5
M399846		7.2	48	0.6	12.5	49	52.1
M399847		7.7	48	0.7	12.1	48	67.4
M399848		8.8	45	0.7	11.7	53	56.9
M399849		9.4	40	0.5	9.9	48	43.0
M399850		2.3	75	4.9	15.9	48	63.5
M399851		12.5	33	0.5	9.3	52	39.2
M399852		12.2	35	0.5	9.8	79	38.6
M399853		4.5	71	1.0	17.1	91	88.3
M399854		3.3	58	1.8	18.2	107	100.5
M399855		1.7	53	1.1	19.3	94	90.9
M399856		0.6	2	0.1	0.8	17	<0.5
M399857		1.2	11	0.2	4.7	11	16.3
M399858		1.6	26	0.6	9.2	31	37.4
M399859		1.6	25	0.6	8.7	31	36.2
M399860		1.5	24	0.6	8.5	30	35.1
M399861		1.5	28	1.5	10.5	33	45.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126598

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

CERTIFICATE WH13130960

Project: Nadaleen
P.O. No.: 13-020
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130960

Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M397724	7.15	0.01	0.02	7.87	57.2	350	2.90	0.37	2.12	0.07	73.7	20.9	72	33.4	37.2
M397725	12.35	<0.01	0.03	3.11	69	290	1.21	0.13	12.45	0.25	39.4	8.1	27	10.30	18.3
M397726	13.11	0.02	0.02	0.97	88	480	0.41	0.04	18.85	0.97	13.55	2.7	9	2.40	8.3
M397727	12.65	0.08	0.01	0.46	146	30	0.24	0.02	19.20	0.19	8.33	1.6	5	1.03	4.3
M397728	0.28	0.50	0.10	3.54	2500	200	0.87	0.13	18.45	0.13	38.9	11.0	44	9.46	42.4
M397729	12.78	0.07	0.01	0.70	49	40	0.33	0.03	20.0	0.34	12.25	1.6	5	1.88	5.7
M397730	12.79	0.03	0.01	0.71	25	40	0.38	0.03	19.20	0.14	12.90	1.4	5	1.69	4.7
M397731	5.39	0.03	0.01	0.69	16	50	0.40	0.03	18.70	0.15	12.90	1.4	4	1.70	4.8
M397732	12.53	0.17	0.01	1.02	42	70	0.45	0.04	17.50	0.21	17.30	1.8	8	2.33	4.7
M397733	12.38	0.02	0.02	0.54	21	50	0.25	0.03	20.0	0.05	7.78	1.0	6	1.37	4.2
M397734	12.15	0.19	0.03	0.64	58	50	0.30	0.03	19.90	0.05	8.55	1.3	6	1.23	6.5
M397735	12.50	0.37	0.05	0.58	70	40	0.35	0.03	19.80	0.11	9.43	1.5	5	1.03	4.8
M397736	<0.02	0.38	0.04	0.58	68	50	0.35	0.03	19.65	0.14	9.40	1.5	5	1.05	4.7
M397737	11.95	0.02	0.06	0.63	32	50	0.33	0.02	19.75	0.06	7.41	1.4	6	1.42	5.6
M397738	12.18	0.03	0.07	0.69	18	40	0.37	0.03	19.30	0.04	7.40	1.7	7	1.69	6.4
M397739	12.89	0.01	0.11	0.96	100	40	0.46	0.04	19.15	4.09	11.05	2.2	10	2.75	10.6
M397740	0.26	2.55	0.17	3.86	6460	210	1.02	0.13	11.90	0.15	45.6	12.3	46	10.55	38.7
M397741	11.73	0.03	0.32	0.94	254	30	0.41	0.03	18.55	0.22	12.00	2.4	10	2.71	9.3
M397742	9.54	0.33	0.19	1.03	>10000	70	0.42	0.04	17.00	0.10	14.10	2.2	12	2.46	8.3
M397743	6.91	<0.01	0.02	0.04	21	20	<0.05	0.11	21.1	0.06	0.97	0.7	1	0.11	2.3
M397744	10.22	0.20	0.13	1.13	132	90	0.49	0.04	17.05	21.4	16.30	2.8	12	3.36	24.4
M397745	11.97	0.03	0.19	2.41	326	130	0.92	0.08	13.00	15.60	22.6	4.4	25	10.40	24.4
M397746	12.65	0.13	0.22	1.93	505	180	0.67	0.07	13.20	4.22	14.85	3.2	22	6.70	11.3
M397747	9.95	0.05	0.10	1.91	77	130	0.67	0.06	15.70	2.34	18.85	3.0	20	7.20	6.4
M397748	7.90	0.01	0.03	1.81	31	270	0.66	0.05	19.05	0.06	26.2	2.5	19	6.95	7.3
M397749	10.86	0.01	0.04	1.64	24	110	0.65	0.05	25.9	0.08	25.1	2.9	18	5.10	11.2
M397750	11.75	0.01	0.07	2.63	31	270	0.86	0.07	14.30	0.04	36.2	3.4	30	10.30	9.8
M397751	12.89	0.01	0.06	2.43	88	120	0.87	0.06	24.3	0.07	30.6	4.6	22	12.70	12.7
M397752	12.26	0.16	0.04	3.98	150	120	1.43	0.09	17.20	0.02	47.7	7.4	35	25.0	15.3
M397753	12.93	0.41	0.05	3.36	1320	110	1.42	0.08	20.8	0.03	37.6	5.5	29	22.2	13.6
M397754	13.12	0.22	0.05	3.22	397	130	1.22	0.08	18.50	0.03	37.7	5.6	31	18.10	15.0
M397755	12.33	0.14	0.06	3.72	192	400	1.50	0.08	15.35	0.02	43.5	7.0	36	27.1	18.4
M397756	13.00	0.14	0.06	1.44	87	560	0.52	0.04	28.2	0.05	19.30	2.8	16	5.66	8.9
M397757	12.72	0.09	0.07	2.48	643	110	0.83	0.06	16.35	0.06	32.3	3.9	26	8.85	10.9
M397758	11.83	0.09	0.05	1.75	46	90	0.72	0.05	24.7	0.19	21.3	3.4	21	5.29	9.5
M397759	6.23	<0.01	0.01	0.05	<5	20	0.06	0.03	21.4	0.05	1.08	0.7	1	0.14	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130960

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M397724		3.83	22.0	0.21	3.2	0.15	0.068	4.42	37.5	26.8	1.54	160	1.34	0.05	12.0	39.0
M397725		2.94	7.56	0.14	1.7	0.21	0.029	1.60	20.0	13.0	7.51	562	0.29	0.03	4.8	16.6
M397726		1.28	2.61	0.13	0.6	0.51	0.010	0.52	6.8	4.7	11.10	663	0.36	0.02	1.6	5.4
M397727		0.55	1.41	0.17	0.4	0.42	0.006	0.24	4.2	2.8	11.55	649	0.18	0.02	0.8	2.3
M397728		2.89	9.18	0.15	1.8	3.37	0.030	1.68	19.4	8.9	1.40	1160	1.77	0.02	5.9	24.0
M397729		0.62	1.92	0.15	0.6	0.64	0.006	0.36	6.5	3.9	11.70	604	0.25	0.02	1.2	2.9
M397730		0.62	1.95	0.17	0.9	0.41	0.005	0.37	7.0	4.0	10.70	512	0.24	0.01	1.3	2.7
M397731		0.52	1.95	0.20	0.8	0.39	0.009	0.36	6.9	4.2	10.40	496	0.22	0.02	1.3	2.6
M397732		0.78	2.64	0.18	1.0	0.66	0.009	0.52	9.3	5.4	9.76	707	0.29	0.02	1.8	3.6
M397733		0.50	1.51	0.22	0.3	0.44	0.005	0.26	4.3	3.6	11.90	273	0.12	0.01	0.9	2.2
M397734		0.27	1.85	0.24	0.4	0.82	0.005	0.31	4.8	3.9	11.95	398	0.16	0.01	1.1	3.0
M397735		0.42	1.59	0.25	0.6	1.32	0.005	0.28	5.1	3.5	11.70	369	0.56	0.01	1.0	3.2
M397736		0.42	1.63	0.21	0.5	1.34	0.007	0.28	5.2	3.4	11.65	370	0.59	0.01	1.0	3.2
M397737		0.31	1.75	0.27	0.5	0.57	0.006	0.32	4.1	3.9	11.85	226	0.60	0.01	1.0	3.3
M397738		0.36	1.98	0.31	0.4	0.56	<0.005	0.35	4.2	4.6	11.50	235	0.56	0.01	1.2	4.0
M397739		0.47	2.91	0.25	0.6	5.13	0.031	0.49	6.1	6.8	11.45	281	0.58	0.01	1.6	5.2
M397740		2.96	10.25	0.17	2.2	14.8	0.036	1.85	22.7	13.0	2.68	1190	2.14	0.02	6.0	27.1
M397741		0.52	2.65	0.12	0.6	1.73	0.010	0.48	6.4	5.2	11.60	338	1.25	0.02	2.1	5.9
M397742		0.60	2.91	0.16	0.8	3.26	0.007	0.52	7.6	5.4	10.55	463	0.82	0.01	1.9	5.4
M397743		0.46	0.24	0.32	<0.1	0.01	<0.005	0.02	0.5	1.0	13.30	205	0.10	<0.01	0.1	1.4
M397744		0.74	8.21	0.24	0.9	10.00	0.035	0.58	9.3	6.7	10.60	285	0.87	0.01	2.1	6.3
M397745		1.37	10.00	0.18	1.6	4.67	0.026	1.32	12.2	12.9	7.82	274	1.40	0.02	4.4	10.8
M397746		1.18	5.27	0.16	1.3	2.14	0.016	1.02	7.9	8.6	7.65	323	1.66	0.01	3.4	8.7
M397747		1.12	5.46	0.20	1.3	1.24	0.018	1.03	9.3	8.4	8.44	312	1.68	0.01	3.3	6.9
M397748		1.04	5.17	0.22	1.5	0.42	0.014	0.99	13.1	7.7	5.41	237	0.45	0.01	3.3	5.2
M397749		0.73	4.69	0.22	1.0	0.22	0.014	0.84	12.5	6.7	2.97	170	0.30	0.01	2.8	4.6
M397750		1.28	6.88	0.25	2.4	0.18	0.021	1.43	17.4	11.9	5.03	261	0.59	0.02	4.7	7.4
M397751		0.99	6.44	0.24	1.0	0.23	0.016	1.32	15.6	12.1	2.39	191	0.54	0.01	3.3	10.2
M397752		1.54	10.45	0.26	1.6	0.57	0.026	2.24	23.7	20.8	2.61	221	0.47	0.02	5.2	16.7
M397753		1.18	8.63	0.23	1.2	2.03	0.021	1.85	19.8	17.0	2.09	300	0.49	0.02	4.3	13.0
M397754		1.33	8.24	0.24	2.0	2.14	0.018	1.83	19.2	15.3	2.95	564	0.52	0.02	4.6	13.7
M397755		1.51	9.52	0.22	2.2	1.06	0.023	2.17	21.5	17.4	3.59	380	0.68	0.03	5.3	15.7
M397756		0.68	3.93	0.22	1.0	0.93	0.010	0.82	9.6	5.2	2.19	400	0.76	0.01	2.4	6.7
M397757		1.11	6.40	0.22	2.3	3.33	0.016	1.42	15.9	9.3	4.76	462	0.70	0.02	4.1	9.1
M397758		0.64	4.51	0.23	1.2	0.78	0.008	1.01	11.1	7.2	2.16	206	0.56	0.01	2.8	7.1
M397759		0.47	0.22	0.26	<0.1	<0.01	<0.005	0.02	0.5	1.1	13.50	207	0.10	<0.01	0.2	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130960

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397724		1560	17.1	138.0	<0.002	3.12	0.67	17.6	1	2.7	99.4	0.89	0.15	12.9	0.445	1.41
M397725		1810	9.9	61.5	<0.002	2.35	0.42	5.8	1	1.0	86.4	0.40	<0.05	6.0	0.177	1.07
M397726		1130	5.1	16.8	<0.002	0.74	0.82	1.8	1	0.3	98.4	0.16	<0.05	2.1	0.053	1.49
M397727		640	2.0	7.7	<0.002	0.15	0.29	0.8	<1	0.2	64.5	0.11	<0.05	1.2	0.027	1.11
M397728		370	8.3	79.1	0.003	2.46	8.69	8.9	2	1.4	703	0.46	0.06	5.8	0.278	10.55
M397729		590	3.3	11.8	<0.002	0.24	0.36	1.3	1	0.2	99.6	0.13	<0.05	1.7	0.037	1.42
M397730		760	3.5	12.1	<0.002	0.28	0.27	1.3	1	0.2	107.5	0.14	<0.05	1.8	0.039	0.97
M397731		710	3.2	12.0	<0.002	0.17	0.23	1.3	1	0.3	106.5	0.14	<0.05	1.8	0.038	0.92
M397732		650	4.7	16.8	<0.002	0.42	0.60	1.7	1	0.3	119.5	0.19	<0.05	2.7	0.055	2.41
M397733		140	3.6	8.6	<0.002	0.45	0.22	1.0	1	0.2	91.9	0.12	<0.05	1.1	0.026	1.14
M397734		160	4.8	10.2	<0.002	0.20	0.41	1.2	1	0.3	94.3	0.13	<0.05	1.5	0.034	2.01
M397735		140	5.6	9.0	0.002	0.24	0.35	1.0	1	0.2	110.5	0.12	<0.05	1.3	0.030	3.24
M397736		120	5.5	9.1	<0.002	0.25	0.37	1.1	1	0.2	110.0	0.12	<0.05	1.4	0.030	3.23
M397737		150	5.3	10.0	0.002	0.20	0.52	1.1	1	0.2	108.5	0.14	<0.05	1.4	0.031	1.49
M397738		140	5.5	11.8	<0.002	0.25	0.37	1.3	1	0.3	91.5	0.14	<0.05	1.5	0.037	2.17
M397739		230	7.2	16.3	0.003	0.41	0.51	1.7	1	0.3	89.9	0.17	<0.05	2.1	0.049	2.97
M397740		450	10.9	88.5	0.002	2.64	22.9	10.7	2	1.7	332	0.46	0.05	6.6	0.290	45.8
M397741		320	11.7	15.8	<0.002	0.41	1.15	1.5	1	0.4	98.7	0.12	<0.05	2.1	0.045	5.26
M397742		280	12.2	18.0	<0.002	1.29	3.28	1.8	1	0.4	90.0	0.14	<0.05	2.4	0.052	8.45
M397743		180	1.4	0.8	<0.002	0.01	<0.05	0.1	<1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	0.03
M397744		280	10.5	19.4	<0.002	0.99	0.33	2.0	1	0.7	80.8	0.16	<0.05	2.8	0.058	2.93
M397745		410	28.1	45.2	<0.002	1.34	0.35	3.9	2	0.9	76.7	0.32	<0.05	5.5	0.118	2.09
M397746		390	215	32.9	0.002	0.69	0.35	3.2	2	0.7	67.6	0.25	<0.05	4.3	0.093	3.15
M397747		380	197.5	33.3	0.004	0.41	0.29	3.1	1	0.7	102.5	0.25	<0.05	4.3	0.091	2.73
M397748		300	7.6	32.3	<0.002	0.16	0.15	2.9	1	0.6	289	0.24	<0.05	4.3	0.090	0.71
M397749		240	6.3	27.0	<0.002	0.16	0.12	2.7	2	0.6	398	0.20	<0.05	3.5	0.078	0.59
M397750		490	6.4	49.8	<0.002	0.21	0.21	4.4	2	0.9	173.5	0.36	<0.05	5.8	0.139	0.45
M397751		310	4.8	47.0	<0.002	0.19	0.33	4.1	1	0.6	608	0.25	<0.05	4.2	0.098	0.57
M397752		450	6.4	82.6	<0.002	0.34	0.43	6.6	2	1.0	649	0.39	<0.05	6.6	0.158	1.41
M397753		410	5.7	68.7	<0.002	0.32	0.34	5.4	2	0.8	527	0.31	<0.05	5.4	0.132	3.64
M397754		480	5.9	67.6	<0.002	0.36	0.28	5.0	1	0.8	321	0.35	<0.05	5.8	0.138	4.60
M397755		640	6.5	76.0	<0.002	0.33	0.24	5.8	2	0.9	275	0.40	<0.05	6.8	0.163	1.88
M397756		250	4.3	29.3	<0.002	0.17	0.19	2.5	1	0.5	519	0.16	<0.05	2.8	0.068	1.80
M397757		350	5.7	50.1	<0.002	0.24	0.27	4.0	2	0.8	272	0.31	<0.05	5.1	0.123	2.60
M397758		380	4.4	35.3	<0.002	0.16	0.19	2.9	2	0.6	560	0.21	<0.05	3.4	0.089	1.04
M397759		190	1.2	0.9	<0.002	<0.01	<0.05	0.2	<1	<0.2	50.8	<0.05	<0.05	<0.2	<0.005	<0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130960

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M397724		2.4	112	2.4	24.6	33	114.0	
M397725		2.5	43	1.2	15.7	84	58.4	
M397726		4.2	13	0.7	6.8	237	22.2	
M397727		4.6	8	0.3	3.7	56	15.0	
M397728		2.4	73	5.2	16.1	47	64.9	
M397729		7.1	11	0.5	5.2	107	20.1	
M397730		7.1	12	0.5	6.3	33	26.0	
M397731		7.2	11	0.5	6.3	35	25.1	
M397732		4.8	12	0.6	7.1	45	37.1	
M397733		8.9	13	0.4	2.8	15	11.2	
M397734		12.9	15	0.8	3.1	11	13.4	
M397735		16.9	13	0.6	3.4	32	18.6	
M397736		17.3	14	0.6	3.4	39	18.6	
M397737		16.7	15	0.6	2.8	13	15.4	
M397738		16.9	16	0.6	2.8	12	13.6	
M397739		17.8	20	0.9	4.0	1200	21.6	
M397740		6.9	87	8.0	19.2	49	75.2	
M397741		19.7	37	1.0	4.3	66	19.4	
M397742		18.3	27	1.4	5.2	21	28.6	1.375
M397743		0.8	2	0.1	0.7	15	<0.5	
M397744		14.3	23	1.2	5.9	9180	30.6	
M397745		17.9	47	1.3	8.4	7120	61.6	
M397746		28.3	46	1.4	6.4	1760	48.6	
M397747		24.5	43	1.3	7.2	985	47.7	
M397748		7.8	30	0.7	9.3	16	56.4	
M397749		9.5	27	0.5	7.9	14	34.0	
M397750		5.6	43	0.8	11.2	11	84.7	
M397751		12.8	41	0.5	7.7	12	37.3	
M397752		9.1	57	1.5	10.6	10	51.3	
M397753		9.5	50	2.5	8.4	8	40.9	
M397754		7.5	50	2.8	9.8	9	67.9	
M397755		6.1	56	2.9	12.1	10	76.0	
M397756		12.3	28	1.1	5.9	7	33.4	
M397757		7.6	39	1.9	9.3	9	80.2	
M397758		6.4	32	1.3	7.0	21	42.1	
M397759		0.5	3	0.1	0.8	15	0.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130960

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

CERTIFICATE WH13126599

Project: Nadaleen

P.O. No.: 13-021

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126599

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M399862	10.56	<0.01	0.04	2.22	209	150	0.68	0.12	23.2	0.05	30.3	4.1	16	6.17	9.6
M399863	12.35	0.01	0.02	0.74	351	70	0.26	0.05	29.3	0.02	10.90	1.5	2	1.72	5.4
M399864	10.76	0.01	0.04	1.87	1040	180	0.54	0.08	24.7	0.06	27.3	3.6	12	5.09	8.6
M399865	11.11	<0.01	0.03	2.76	160	200	0.69	0.12	24.1	0.03	35.6	6.0	19	7.27	11.8
M399866	10.62	<0.01	0.04	3.78	180	240	0.99	0.14	20.6	0.05	45.2	7.5	27	10.95	15.1
M399867	0.21	2.67	0.17	3.83	6180	200	0.84	0.13	12.05	0.14	39.3	11.9	43	10.70	36.3
M399868	9.89	0.01	0.04	3.31	130	230	0.89	0.12	21.5	0.04	38.6	6.2	25	9.21	13.5
M399869	11.03	<0.01	0.05	5.68	377	230	1.37	0.21	12.05	0.03	63.5	11.4	41	19.15	22.5
M399870	7.18	<0.01	0.01	0.07	<5	30	0.07	0.04	23.1	0.06	1.33	0.8	<1	0.24	3.5
M399871	5.75	<0.01	0.04	6.23	645	370	1.73	0.25	6.96	0.13	73.2	12.9	50	13.75	28.5
M399872	11.96	<0.01	0.04	3.42	1160	280	1.13	0.11	15.35	0.08	43.8	6.0	40	7.03	18.6
M399873	10.74	<0.01	0.03	0.83	132	1530	0.38	0.04	30.8	0.27	12.35	1.7	12	1.62	7.3
M399874	11.26	0.07	0.05	2.25	341	140	0.83	0.07	23.7	0.10	32.5	3.9	26	6.05	16.4
M399875	4.51	0.03	0.04	2.27	313	120	0.75	0.07	23.8	0.07	31.8	3.9	25	6.05	16.3
M399876	12.51	<0.01	0.09	1.24	195	60	0.45	0.05	22.6	0.03	17.70	2.0	12	4.57	8.0
M399877	12.31	<0.01	0.05	1.15	459	70	0.41	0.04	28.3	0.05	18.05	1.8	12	3.98	6.4
M399878	10.36	<0.01	0.03	2.06	788	100	0.68	0.06	25.9	0.06	27.3	2.4	19	6.43	9.9
M399879	11.68	<0.01	0.03	1.49	595	80	0.60	0.06	26.6	0.04	20.2	2.3	14	4.95	9.6
M399880	11.35	<0.01	0.03	1.37	424	80	0.56	0.05	26.2	0.03	18.00	2.6	9	4.59	10.7
M399881	10.22	<0.01	0.04	1.49	518	100	0.58	0.06	27.2	0.03	18.50	2.6	10	5.00	10.4
M399882	0.21	0.48	0.09	3.52	2470	200	0.88	0.13	18.60	0.12	37.5	11.1	38	10.30	41.3
M399883	11.44	0.01	0.05	2.15	669	120	0.68	0.07	18.55	0.02	24.2	3.0	16	7.74	10.8
M399884	11.96	<0.01	0.03	1.67	349	210	0.61	0.05	27.2	0.02	21.7	2.4	14	6.54	10.4
M399885	10.93	<0.01	0.06	0.52	249	100	0.26	0.03	35.5	0.05	7.74	1.2	1	1.60	5.6
M399886	11.50	<0.01	0.05	0.39	152	550	0.20	0.03	37.4	0.08	6.43	1.0	<1	1.06	4.4
M399887	8.24	<0.01	0.03	0.56	228	180	0.29	0.03	34.5	0.08	9.94	1.3	<1	1.86	4.8
M399888	<0.02	<0.01	0.03	0.61	245	190	0.31	0.03	33.8	0.07	10.40	1.4	1	2.06	6.4
M399889	10.55	<0.01	0.04	1.32	316	100	0.51	0.04	29.2	0.02	18.45	2.7	9	4.08	8.7
M399890	10.90	0.05	0.06	2.93	399	150	1.03	0.08	21.8	0.03	35.5	5.1	26	10.35	17.2
M399891	11.45	0.32	0.07	2.24	363	160	0.83	0.06	26.9	0.04	28.0	4.2	19	6.97	20.0
M399892	5.80	0.07	0.03	0.69	156	90	0.37	0.03	34.4	0.04	12.40	1.5	2	1.82	8.1
M399893	4.95	0.03	0.04	0.62	382	70	0.36	0.02	32.2	0.04	13.25	2.1	6	1.91	6.1
M399894	5.74	8.16	0.31	2.74	>10000	180	0.84	0.10	12.95	0.31	34.4	6.5	29	8.87	27.0
M399895	7.02	<0.01	0.01	0.05	88	110	0.09	0.03	19.85	0.07	1.24	1.1	1	0.15	2.3
M399896	7.71	3.68	0.22	2.70	1800	140	0.94	0.08	15.90	0.21	32.1	5.4	25	7.87	20.8
M399897	8.79	0.38	0.14	1.86	1470	100	0.74	0.09	19.85	0.06	26.1	3.4	19	5.99	8.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126599

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M399862		1.31	5.61	0.20	1.0	0.19	0.021	1.00	15.2	14.5	0.88	185	0.32	0.03	3.0	8.4
M399863		0.56	1.86	0.14	0.3	0.03	0.009	0.33	5.1	3.8	1.83	146	0.15	0.02	1.0	2.8
M399864		1.10	4.77	0.17	0.8	0.09	0.020	0.84	13.6	8.1	0.82	158	0.26	0.03	2.5	7.4
M399865		1.41	6.89	0.19	1.1	0.11	0.022	1.25	18.0	14.3	1.04	245	0.38	0.03	3.5	10.9
M399866		2.00	9.50	0.20	1.4	0.33	0.028	1.70	22.8	17.9	1.37	758	0.53	0.04	4.8	14.5
M399867		2.96	10.00	0.13	2.0	14.2	0.032	1.84	20.2	10.6	2.56	1150	1.80	0.02	5.9	24.6
M399868		1.92	8.28	0.16	1.3	0.65	0.028	1.49	19.9	7.8	0.94	393	0.43	0.04	4.5	13.1
M399869		3.16	14.40	0.16	2.2	0.49	0.045	2.35	33.6	26.2	0.94	847	0.35	0.05	7.6	22.5
M399870		0.52	0.28	0.20	<0.1	<0.01	0.006	0.03	0.6	1.1	13.85	223	0.12	0.01	0.2	1.6
M399871		3.90	15.45	0.12	2.5	0.54	0.047	2.74	37.4	74.8	2.33	1500	0.42	0.05	9.1	36.5
M399872		1.78	8.32	0.11	2.0	0.12	0.028	1.56	22.0	40.4	3.54	513	0.51	0.03	5.7	16.7
M399873		0.52	2.11	0.12	0.5	0.04	0.009	0.39	6.5	7.6	1.19	242	0.27	0.01	1.4	4.2
M399874		1.04	5.37	0.17	1.2	0.18	0.018	1.11	16.6	16.3	1.99	206	0.45	0.02	3.6	10.9
M399875		1.11	5.36	0.20	1.2	0.13	0.020	1.11	16.3	18.3	2.35	217	0.37	0.02	3.5	11.2
M399876		1.00	2.91	0.20	0.7	0.07	0.013	0.65	8.2	6.0	7.65	390	0.39	0.01	1.8	4.8
M399877		0.85	2.70	0.21	0.6	0.06	0.013	0.61	8.4	5.1	4.31	448	0.33	0.01	1.6	3.8
M399878		0.81	4.79	0.23	1.0	0.06	0.015	1.09	14.0	10.7	3.72	237	0.29	0.01	2.8	5.0
M399879		0.70	3.71	0.24	0.7	0.06	0.017	0.79	9.6	8.7	2.98	207	0.29	0.01	2.1	5.2
M399880		0.57	3.73	0.20	0.7	0.06	0.014	0.75	10.0	7.7	1.60	145	0.25	0.01	2.1	4.5
M399881		0.78	4.00	0.15	0.7	0.06	0.014	0.81	10.3	8.2	2.42	204	0.26	0.01	2.3	4.4
M399882		3.01	9.63	0.15	1.7	3.42	0.038	1.71	19.1	8.5	1.37	1140	1.59	0.02	6.1	23.1
M399883		1.30	5.62	0.15	1.1	0.09	0.018	1.15	12.8	11.6	5.15	350	0.35	0.01	3.3	6.4
M399884		0.66	4.47	0.18	0.9	0.06	0.015	0.90	12.5	8.7	1.56	176	0.22	0.01	2.7	4.5
M399885		0.24	1.38	0.14	0.2	0.05	0.006	0.28	4.8	2.7	0.38	81	0.26	0.01	0.8	2.0
M399886		0.22	1.02	0.17	0.1	0.1	0.005	0.21	4.2	1.9	0.37	74	0.31	0.01	0.6	1.6
M399887		0.27	1.53	0.18	0.3	0.04	0.006	0.30	5.5	3.6	0.57	94	0.19	0.01	0.8	2.2
M399888		0.28	1.72	0.18	0.3	0.05	0.007	0.33	5.7	4.0	0.58	94	0.22	0.01	0.9	2.5
M399889		0.60	3.53	0.17	0.7	0.1	0.010	0.74	9.9	8.3	1.11	152	0.45	0.01	2.1	6.0
M399890		1.19	7.31	0.19	1.3	0.24	0.021	1.64	18.0	20.4	1.99	797	0.55	0.02	4.2	11.8
M399891		0.79	5.88	0.18	1.0	0.49	0.019	1.22	15.8	11.5	1.05	2010	0.42	0.01	3.4	9.9
M399892		0.28	1.82	0.18	0.3	0.23	0.007	0.38	7.1	3.1	0.45	400	0.13	0.01	1.0	2.9
M399893		0.29	1.81	<0.05	0.2	0.4	0.007	0.34	8.0	3.5	0.47	297	0.31	0.01	1.2	<0.2
M399894		0.77	9.19	0.10	1.2	27.8	0.104	1.37	19.9	23.2	0.56	9050	0.67	0.01	4.8	15.1
M399895		0.44	0.18	<0.05	<0.1	0.03	<0.005	0.02	0.6	1.0	11.80	196	0.17	<0.01	0.2	<0.2
M399896		1.21	8.42	0.09	1.2	11.1	0.021	1.40	18.5	23.3	3.26	7930	0.48	0.02	4.5	9.5
M399897		1.58	5.40	0.09	1.2	1.69	0.019	0.99	15.0	12.1	5.78	1960	0.46	0.01	3.3	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126599

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399862		570	6.5	47.5	<0.002	0.20	0.81	3.9	1	0.7	876	0.23	<0.05	4.0	0.106	1.12
M399863		350	2.5	16.3	<0.002	0.05	0.47	1.4	1	0.2	1015	0.07	<0.05	1.3	0.034	0.41
M399864		540	5.5	39.8	<0.002	0.21	1.21	3.3	1	0.5	993	0.17	<0.05	3.3	0.085	1.25
M399865		560	7.1	56.4	<0.002	0.51	0.50	4.6	1	0.7	852	0.26	<0.05	4.5	0.120	1.36
M399866		640	9.6	72.5	0.002	0.75	0.46	6.1	1	1.0	670	0.36	<0.05	6.0	0.162	2.20
M399867		450	10.9	79.5	0.002	2.57	22.8	9.8	1	1.5	316	0.43	<0.05	5.8	0.267	43.0
M399868		650	10.7	63.0	0.002	1.10	0.86	5.4	1	0.9	770	0.33	<0.05	5.6	0.149	2.56
M399869		530	17.2	99.3	<0.002	2.41	1.48	9.6	1	1.5	368	0.57	<0.05	9.7	0.263	2.53
M399870		200	1.9	1.5	<0.002	<0.01	0.06	0.2	<1	<0.2	52.1	<0.05	<0.05	0.2	<0.005	0.05
M399871		530	24.1	127.0	0.002	2.69	0.86	10.7	1	2.1	263	0.71	<0.05	12.7	0.277	1.64
M399872		470	8.6	76.3	<0.002	0.18	0.48	5.8	2	1.2	343	0.43	<0.05	7.4	0.171	0.49
M399873		260	4.6	19.2	<0.002	0.12	0.23	1.5	1	0.3	1025	0.10	<0.05	1.7	0.040	0.18
M399874		370	7.2	48.6	0.002	0.10	0.63	3.7	1	0.7	794	0.27	<0.05	4.6	0.108	0.58
M399875		350	6.4	49.4	0.002	0.11	0.53	3.8	1	0.8	767	0.26	<0.05	4.5	0.107	0.55
M399876		210	4.5	21.6	0.002	0.07	0.59	2.1	1	0.4	349	0.14	<0.05	2.4	0.057	0.30
M399877		220	3.4	20.0	0.002	0.05	2.27	2.0	1	0.4	465	0.12	<0.05	2.2	0.052	0.40
M399878		260	5.1	39.0	<0.002	0.03	1.83	3.3	1	0.6	605	0.21	<0.05	3.8	0.090	0.31
M399879		180	4.7	28.8	<0.002	0.05	0.62	2.5	1	0.4	633	0.16	<0.05	2.7	0.064	0.25
M399880		150	4.5	26.3	<0.002	0.07	0.28	2.2	1	0.4	621	0.16	<0.05	2.6	0.060	0.28
M399881		160	4.5	28.5	<0.002	0.02	0.58	2.4	1	0.5	544	0.18	<0.05	2.8	0.065	0.29
M399882		360	8.3	75.0	<0.002	2.46	9.14	8.6	1	1.3	700	0.42	0.06	5.2	0.260	9.96
M399883		260	5.1	39.1	<0.002	0.02	0.84	3.5	1	0.7	288	0.24	<0.05	4.1	0.094	0.44
M399884		380	4.2	32.2	<0.002	0.05	0.45	2.7	1	0.5	563	0.21	<0.05	3.3	0.077	0.33
M399885		120	4.2	9.3	<0.002	0.04	0.47	0.9	1	0.2	1140	0.06	<0.05	1.0	0.022	0.23
M399886		100	3.3	6.7	<0.002	0.04	0.27	0.7	1	<0.2	1255	<0.05	<0.05	0.7	0.016	0.26
M399887		100	3.3	10.7	<0.002	0.03	0.64	1.0	<1	0.2	1090	0.06	<0.05	1.1	0.023	0.35
M399888		100	3.5	11.7	<0.002	0.02	0.75	1.1	1	0.2	1075	0.07	<0.05	1.2	0.026	0.37
M399889		210	5.0	26.6	<0.002	0.04	0.85	2.1	1	0.4	1105	0.14	<0.05	2.7	0.058	0.53
M399890		500	6.9	56.3	<0.002	0.16	1.46	4.4	2	0.8	1190	0.32	<0.05	5.7	0.129	1.19
M399891		510	5.6	43.2	<0.002	0.10	2.24	3.6	1	0.7	826	0.25	<0.05	4.5	0.097	1.35
M399892		140	2.9	12.7	<0.002	0.04	0.78	1.2	1	0.2	781	0.07	<0.05	1.3	0.029	0.74
M399893		120	3.1	14.3	<0.002	0.08	1.73	1.3	4	0.3	838	0.07	0.29	1.3	0.026	1.76
M399894		750	8.6	59.5	<0.002	4.60	213	3.5	6	1.2	416	0.32	0.32	6.5	0.117	107.5
M399895		160	1.4	1.2	<0.002	0.02	0.29	0.2	2	<0.2	50.0	<0.05	0.12	<0.2	<0.005	0.14
M399896		620	7.3	60.1	<0.002	0.19	29.5	3.9	5	1.0	369	0.31	0.25	5.9	0.116	33.5
M399897		240	10.0	39.1	<0.002	0.11	8.49	3.4	5	0.8	346	0.22	0.26	4.0	0.086	7.81

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126599

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M399862		1.3	23	0.5	8.9	29	37.8	
M399863		0.8	7	0.2	3.6	10	12.5	
M399864		1.2	19	0.5	8.6	27	31.6	
M399865		1.7	27	0.6	9.1	32	37.3	
M399866		2.0	36	0.7	11.5	46	52.3	
M399867		6.3	83	7.3	17.7	46	68.9	
M399868		2.2	30	0.9	9.9	35	45.4	
M399869		2.2	55	4.0	15.1	62	75.0	
M399870		0.8	2	0.1	0.8	18	0.5	
M399871		3.1	59	2.9	17.9	96	82.5	
M399872		6.1	52	0.9	11.9	56	65.2	
M399873		5.9	16	0.3	4.4	16	15.3	
M399874		8.1	36	0.4	8.1	28	41.3	
M399875		7.3	36	0.4	8.3	27	39.1	
M399876		7.7	22	0.3	5.0	14	22.5	
M399877		7.9	23	0.3	5.2	15	18.8	
M399878		10.8	32	0.5	6.8	28	34.1	
M399879		10.3	24	0.3	5.4	20	23.2	
M399880		9.5	21	0.4	5.2	16	24.1	
M399881		10.3	23	0.4	5.4	11	26.4	
M399882		2.3	71	5.0	15.8	47	63.0	
M399883		8.0	35	0.5	7.0	8	37.8	
M399884		9.9	27	0.4	7.1	8	29.8	
M399885		12.6	13	0.1	2.8	12	7.1	
M399886		12.8	10	0.1	2.5	11	5.3	
M399887		15.3	11	0.2	3.3	10	11.3	
M399888		15.6	12	0.2	3.4	11	12.4	
M399889		12.4	23	0.4	5.0	9	27.9	
M399890		8.8	46	1.0	9.4	20	48.3	
M399891		11.4	38	0.8	9.8	24	37.7	
M399892		11.7	17	0.3	3.9	11	11.6	
M399893		11.7	13	0.4	4.3	8	10.2	
M399894		15.5	47	2.1	10.0	33	48.8	8.29
M399895		0.6	2	0.1	0.8	15	<0.5	
M399896		11.8	47	2.1	10.9	32	46.4	
M399897		9.0	32	1.2	8.3	9	45.3	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13126599

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

CERTIFICATE WH13130961

Project: Nadaleen

P.O. No.: 13-022

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-CON01	Control Au - Fire Assay	
Au-CONRep1	Control Au - First Fusion	WST-SIM
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130961

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M399898		9.27	0.40	0.08	1.55	761	100	0.52	0.04	26.1	0.04	20.2	2.3	17	4.44	9.8
M399899		8.14	10.75	2.21	0.78	>10000	30	0.29	0.05	7.89	1.29	6.24	2.1	11	2.04	7.9
M399900		8.80	14.45	4.54	1.67	>10000	80	0.53	0.06	10.25	1.83	23.2	3.7	21	3.67	11.2
M399901		7.18	0.01	0.02	0.05	373	30	0.06	0.02	20.5	0.06	1.12	0.6	1	0.12	2.2
M399902		9.61	0.01	0.06	2.23	449	120	0.75	0.05	24.5	0.14	25.4	4.1	22	6.93	11.3
M399903		11.59	0.02	0.06	2.98	522	160	0.98	0.06	21.9	0.04	36.1	5.7	32	10.65	17.1
M399904		11.47	0.01	0.05	1.73	205	220	0.67	0.05	28.1	0.05	23.0	3.6	20	5.70	15.7
M399905		11.74	0.03	0.04	2.12	325	130	0.74	0.06	21.2	0.07	27.4	3.6	24	6.49	9.7
M399915		12.04	<0.01	0.04	3.21	283	130	1.07	0.09	16.80	0.18	37.6	5.3	33	6.58	24.7
M399916		0.28	0.49	0.09	3.54	2470	200	0.76	0.12	18.20	0.10	38.0	10.6	42	9.70	38.8
M399917		11.06	<0.01	0.03	3.91	186	150	1.32	0.11	12.25	0.10	48.2	6.5	44	8.62	21.9
M399918		10.68	<0.01	0.05	3.92	167	170	1.21	0.10	13.70	0.08	45.0	7.0	42	7.79	27.5
M399919		11.64	<0.01	0.04	2.44	144	120	0.83	0.07	25.0	0.06	30.0	5.1	25	4.80	15.9
M399920		12.18	<0.01	0.04	2.87	125	140	0.99	0.08	21.5	0.16	33.0	5.0	32	6.13	22.3
M399921		11.61	<0.01	0.13	1.91	82	210	0.68	0.06	26.5	0.21	24.9	3.7	24	2.59	13.1
M399922		8.72	<0.01	0.03	0.67	71	100	0.26	0.04	28.1	0.02	12.40	1.3	6	1.43	2.8
M399923		5.41	<0.01	0.04	1.89	171	260	0.59	0.08	27.2	0.02	28.2	3.7	16	5.19	7.7
M399924		10.58	<0.01	0.03	1.26	118	140	0.44	0.07	29.5	<0.02	20.6	2.9	11	3.34	8.9
M399925		11.79	<0.01	0.03	1.01	48	150	0.37	0.05	30.9	0.02	15.40	2.6	10	2.60	5.4
M399926		10.87	<0.01	0.05	2.27	234	140	0.67	0.09	26.2	0.03	31.5	5.0	19	4.45	10.9
M399927		<0.02	<0.01	0.05	2.23	230	150	0.65	0.10	26.1	0.04	30.6	4.8	18	4.34	10.2
M399928		8.21	<0.01	0.07	5.84	394	320	1.82	0.22	12.05	0.04	66.2	11.1	47	12.25	28.9
M399929		9.83	<0.01	0.09	7.90	32.9	300	2.85	0.36	3.32	0.07	85.1	18.4	81	19.55	41.6
M399930		6.81	<0.01	0.02	8.15	26.4	280	2.52	0.31	2.46	0.07	76.2	15.0	82	22.0	36.2
M399931		10.92	<0.01	0.05	3.36	67	220	1.20	0.12	15.85	0.10	39.4	6.6	38	6.14	23.9
M399932		4.05	<0.01	0.05	3.25	55	220	1.10	0.11	16.15	0.08	37.9	6.5	36	5.92	22.0
M399933		10.97	0.01	0.13	3.41	75	400	1.27	0.09	14.90	0.09	39.2	6.1	45	6.98	24.5
M399934		11.89	0.01	0.15	2.76	31	160	1.10	0.09	20.2	0.14	33.1	5.4	37	6.17	24.0
M399935		10.69	<0.01	0.05	1.15	42	80	0.50	0.06	31.3	0.13	17.40	2.5	15	2.64	11.3
M399936		11.30	0.01	0.07	1.65	123	100	0.65	0.06	30.0	0.07	26.2	3.5	21	3.65	12.9
M399937		0.29	0.48	0.11	3.66	2560	210	0.98	0.15	19.05	0.12	38.2	11.3	46	9.54	45.1
M399938		11.16	0.01	0.09	2.53	84	250	0.98	0.08	25.1	0.05	30.1	5.1	29	7.26	18.9
M399939		11.65	<0.01	0.05	1.87	107	130	0.79	0.08	28.2	0.04	24.4	3.6	20	5.84	9.5
M399940		11.02	<0.01	0.05	1.46	95	110	0.62	0.06	28.9	0.03	17.60	3.0	16	4.71	10.0
M399941		11.98	<0.01	0.06	2.97	291	180	1.15	0.09	21.3	0.04	34.7	5.6	32	9.67	17.0
M399942		7.03	<0.01	0.01	0.06	<5	40	0.07	0.03	21.4	0.07	1.22	0.8	<1	0.18	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 8-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13130961

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M399898		1.05	3.83	0.17	0.9	1.06	0.012	0.83	10.1	9.8	2.98	442	0.44	0.01	2.2	5.1
M399899		0.43	2.30	0.11	0.4	7.1	0.043	0.40	3.5	14.5	0.16	967	0.39	<0.01	1.2	4.4
M399900		0.89	4.59	0.13	0.8	11.1	0.038	0.78	12.6	22.0	0.32	1160	0.67	0.01	2.4	8.4
M399901		0.46	0.22	0.19	<0.1	0.01	<0.005	0.02	0.5	0.8	12.90	205	0.09	<0.01	0.4	1.7
M399902		1.08	5.48	0.19	1.1	0.13	0.013	1.19	13.5	16.4	2.92	232	0.47	0.02	3.0	10.1
M399903		1.28	7.64	0.22	1.5	0.2	0.016	1.64	18.5	26.1	2.24	191	0.61	0.02	4.3	15.0
M399904		0.87	4.51	0.18	0.8	0.12	0.012	0.96	12.5	12.5	1.36	166	0.40	0.01	2.6	9.6
M399905		1.38	5.66	0.21	1.3	0.22	0.019	1.19	14.0	14.1	4.43	328	0.50	0.02	3.4	8.4
M399915		1.33	8.63	0.21	1.7	0.26	0.021	1.74	20.2	16.4	3.96	285	0.34	0.02	5.6	14.0
M399916		2.93	9.31	0.15	2.0	3.61	0.032	1.66	18.4	9.0	1.42	1160	1.46	0.02	5.8	22.9
M399917		1.69	10.90	0.21	2.3	0.09	0.030	2.20	24.3	22.7	4.69	278	0.43	0.03	6.8	15.7
M399918		1.62	10.20	0.20	1.9	0.06	0.027	2.12	22.6	23.5	3.95	290	0.41	0.03	6.3	18.9
M399919		1.06	6.46	0.20	1.2	0.04	0.018	1.22	15.8	21.6	1.96	292	0.35	0.02	4.1	13.2
M399920		1.30	7.68	0.19	1.3	0.05	0.020	1.35	17.0	48.8	2.09	355	0.33	0.02	4.7	14.4
M399921		0.90	5.02	0.17	1.0	0.04	0.015	0.84	12.8	32.6	1.98	433	0.43	0.02	3.3	9.4
M399922		0.63	1.64	0.17	0.4	0.04	<0.005	0.24	5.3	7.5	1.43	139	0.15	0.03	1.0	2.5
M399923		1.01	4.92	0.19	1.0	0.05	0.015	0.80	13.7	11.0	0.31	115	0.20	0.03	2.9	6.9
M399924		0.70	3.09	0.14	0.5	<0.1	0.011	0.53	9.1	10.9	0.58	139	0.23	0.02	1.6	5.6
M399925		0.69	2.46	0.15	0.5	0.2	0.008	0.43	6.8	11.0	1.23	135	0.22	0.02	1.3	5.1
M399926		1.23	5.39	0.15	0.9	0.4	0.016	1.01	14.1	7.3	1.17	499	0.37	0.02	2.9	9.9
M399927		1.22	5.30	0.13	0.9	0.4	0.018	0.99	13.2	7.1	1.14	491	0.37	0.02	2.9	9.4
M399928		3.16	14.15	0.19	2.1	0.6	0.046	2.31	32.3	40.0	1.26	844	0.41	0.06	7.4	23.9
M399929		4.14	20.2	0.25	3.0	0.2	0.059	3.32	43.8	104.5	2.03	805	0.32	0.05	12.0	55.6
M399930		3.71	20.6	0.22	2.7	0.12	0.060	3.44	39.6	124.5	2.01	614	0.18	0.05	13.0	56.8
M399931		1.75	8.54	0.16	1.7	0.1	0.026	1.46	19.4	64.3	4.23	423	0.50	0.03	5.4	17.1
M399932		1.76	8.10	0.17	1.6	0.1	0.025	1.37	18.3	66.0	4.32	433	0.51	0.03	5.1	16.8
M399933		1.62	8.40	0.20	1.8	0.2	0.024	1.66	19.7	36.9	4.48	219	0.82	0.03	5.3	16.3
M399934		1.29	6.85	0.19	1.4	0.2	0.018	1.37	16.7	26.8	3.48	198	1.06	0.03	4.4	14.5
M399935		0.47	2.83	0.16	0.7	<1	0.009	0.59	8.5	6.3	1.16	141	0.67	0.01	2.0	5.3
M399936		0.68	4.12	0.15	0.9	0.3	0.011	0.85	12.5	7.4	1.00	218	0.78	0.02	2.8	8.4
M399937		2.99	9.46	0.15	1.9	3.4	0.036	1.72	18.3	9.6	1.44	1190	1.76	0.02	5.8	25.2
M399938		1.10	6.25	0.16	1.2	0.2	0.018	1.31	14.7	13.6	1.55	173	0.59	0.02	3.6	13.7
M399939		0.88	4.84	0.15	1.0	0.1	0.014	0.99	13.0	11.3	1.67	213	0.43	0.01	2.8	8.9
M399940		0.52	3.85	0.17	0.9	0.1	0.011	0.78	8.6	10.0	1.39	161	0.58	0.01	2.2	6.4
M399941		1.51	7.45	0.15	1.5	0.1	0.022	1.57	17.4	21.9	2.78	351	0.74	0.02	4.2	12.8
M399942		0.48	0.29	0.23	<0.1	<0.1	0.006	0.03	0.6	1.3	13.15	213	0.09	<0.01	0.2	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130961

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399898		260	3.7	31.1	<0.002	0.10	2.19	2.5	2	0.5	632	0.16	<0.05	2.8	0.071	3.07
M399899		160	4.0	17.3	<0.002	>10.0	1245	0.8	3	0.3	84.4	0.09	0.28	1.4	0.035	12.35
M399900		280	7.9	36.8	<0.002	>10.0	738	1.9	3	0.6	150.5	0.18	0.13	3.1	0.073	33.8
M399901		210	1.3	0.9	<0.002	0.02	1.47	0.1	<1	<0.2	47.0	<0.05	<0.05	<0.2	0.005	0.07
M399902		360	8.0	44.6	<0.002	0.31	1.19	3.4	1	0.6	906	0.23	<0.05	3.8	0.097	0.75
M399903		560	9.1	64.0	<0.002	0.31	1.51	4.8	2	0.8	1230	0.32	<0.05	5.7	0.133	0.63
M399904		370	5.3	37.0	<0.002	0.30	0.54	2.9	1	0.6	772	0.19	<0.05	3.1	0.078	0.32
M399905		290	6.4	45.4	<0.002	0.26	2.67	3.5	2	0.6	516	0.26	<0.05	4.1	0.100	0.58
M399915		390	7.4	68.9	<0.002	0.33	0.69	5.3	2	1.1	341	0.42	<0.05	6.2	0.163	0.57
M399916		370	7.7	77.9	<0.002	2.43	8.73	8.7	1	1.3	713	0.43	0.05	5.0	0.257	9.07
M399917		440	7.4	91.8	<0.002	0.33	0.51	6.8	2	1.3	232	0.50	<0.05	8.0	0.199	0.53
M399918		460	6.6	86.1	<0.002	0.09	0.34	6.2	3	1.3	312	0.47	<0.05	7.3	0.193	0.45
M399919		290	5.4	54.4	<0.002	0.08	0.27	4.3	2	0.8	562	0.29	<0.05	4.6	0.116	0.31
M399920		440	5.2	61.2	<0.002	0.05	0.24	4.9	1	1.0	667	0.35	<0.05	5.3	0.136	0.31
M399921		330	7.0	37.3	<0.002	0.06	0.22	3.3	1	0.7	827	0.24	<0.05	3.9	0.094	0.21
M399922		400	2.3	12.7	<0.002	0.12	0.24	1.4	1	0.2	940	0.07	<0.05	1.3	0.035	0.15
M399923		380	4.9	44.9	<0.002	0.07	0.69	3.7	1	0.6	1225	0.21	<0.05	3.6	0.093	0.61
M399924		390	4.8	28.4	0.003	0.10	0.37	2.2	1	0.4	897	0.17	<0.05	2.5	0.058	0.54
M399925		590	3.4	21.1	0.002	0.19	0.17	1.8	1	0.3	1345	0.16	<0.05	2.1	0.049	0.75
M399926		530	9.2	49.4	<0.002	0.06	0.68	4.1	1	0.7	834	0.26	<0.05	4.3	0.108	1.05
M399927		520	8.8	48.6	0.002	0.06	0.68	3.9	1	0.7	824	0.26	<0.05	4.1	0.106	0.97
M399928		640	13.6	106.5	0.002	0.30	0.91	10.6	2	1.6	525	0.60	<0.05	10.3	0.277	2.16
M399929		550	14.2	158.0	0.002	0.78	0.39	14.6	1	2.4	168.5	0.92	<0.05	16.2	0.361	1.51
M399930		490	8.8	132.0	0.002	0.48	0.19	13.1	1	2.5	146.0	0.96	<0.05	15.3	0.372	1.07
M399931		390	9.1	70.5	<0.002	0.15	0.28	5.5	2	1.2	397	0.44	<0.05	7.6	0.176	0.49
M399932		370	9.3	66.5	0.002	0.14	0.26	5.3	2	1.1	413	0.43	<0.05	7.4	0.166	0.44
M399933		550	8.4	75.0	0.004	0.13	0.40	5.4	3	1.1	358	0.44	<0.05	7.6	0.179	0.72
M399934		580	8.7	61.2	0.002	0.13	0.31	4.4	2	0.9	530	0.38	<0.05	6.3	0.144	0.57
M399935		220	7.6	26.2	0.002	0.04	0.28	2.0	2	0.4	1005	0.20	<0.05	2.9	0.062	0.38
M399936		390	7.7	35.4	0.003	0.07	0.92	2.8	1	0.5	1120	0.25	<0.05	3.9	0.085	1.01
M399937		380	8.8	81.6	0.002	2.53	8.75	9.1	1	1.4	736	0.47	0.05	6.0	0.285	10.45
M399938		530	10.1	53.6	0.002	0.23	0.26	4.0	2	0.8	1035	0.32	<0.05	5.2	0.118	0.82
M399939		330	8.1	37.0	<0.002	0.22	0.41	2.9	2	0.6	1275	0.20	<0.05	3.8	0.087	0.63
M399940		190	6.0	32.6	0.002	0.08	0.41	2.5	1	0.4	894	0.21	<0.05	3.1	0.068	0.39
M399941		490	8.2	64.5	<0.002	0.18	0.97	4.7	2	0.8	884	0.36	<0.05	6.4	0.138	0.72
M399942		180	1.3	1.3	<0.002	<0.01	0.05	0.2	<1	<0.2	55.6	0.07	<0.05	<0.2	<0.005	<0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130961

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001	Au-CON01 Au ppm 0.07
M399898		8.5	29	0.9	5.9	15	30.7		
M399899		12.2	15	1.5	3.2	103	12.1	>30.0	10.58
M399900		14.3	30	2.7	9.1	143	27.7	18.30	
M399901		0.6	2	0.1	0.7	15	<0.5		
M399902		11.2	36	0.5	6.7	73	38.0		
M399903		11.3	49	0.6	9.7	24	51.0		
M399904		10.4	32	0.4	7.2	20	28.1		
M399905		9.0	35	0.7	8.0	29	47.0		
M399915		6.3	48	1.0	10.6	72	61.0		
M399916		2.2	72	4.9	16.1	48	66.4		
M399917		4.0	59	0.9	14.9	27	80.3		
M399918		4.7	57	0.7	13.2	36	67.7		
M399919		9.6	37	0.5	8.7	23	40.6		
M399920		5.6	42	0.5	9.8	32	46.9		
M399921		8.5	28	0.4	7.0	35	36.5		
M399922		0.8	7	0.2	3.9	7	13.9		
M399923		1.6	18	0.4	7.4	22	35.7		
M399924		1.1	11	0.2	5.9	16	19.1		
M399925		1.4	9	0.1	5.3	13	16.0		
M399926		1.6	22	1.3	8.6	27	34.3		
M399927		1.5	22	1.1	8.3	26	33.4		
M399928		2.8	55	2.1	17.2	69	71.2		
M399929		2.9	66	1.2	22.1	109	97.8		
M399930		2.6	69	1.2	19.0	113	96.1		
M399931		5.7	53	0.7	11.6	63	61.0		
M399932		5.6	50	0.6	12.2	62	56.7		
M399933		6.4	59	0.8	11.2	51	62.3		
M399934		7.4	51	0.5	10.0	45	48.1		
M399935		11.1	21	0.2	5.4	18	23.6		
M399936		13.0	28	0.7	7.4	15	33.7		
M399937		2.5	74	5.5	16.4	49	64.4		
M399938		11.7	43	0.4	8.9	39	43.3		
M399939		12.3	31	0.7	7.2	29	38.1		
M399940		14.4	27	0.3	5.1	14	32.4		
M399941		9.8	46	1.0	9.5	13	53.3		
M399942		0.6	2	0.3	0.7	17	0.5		

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13130961

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

As-OG62	Au-AA26	Au-CON01	Au-CONRep1
Hg-CV41	ME-MS61	ME-OG62	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

CERTIFICATE WH13131717

Project: Nadaleen

P.O. No.: 13-023

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131717

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M397760		11.86	0.06	0.06	1.42	30	140	0.56	0.04	29.0	0.16	20.1	2.8	10	4.79	7.4
M397761		12.14	0.09	0.04	2.10	375	360	0.89	0.06	24.7	0.26	28.1	3.5	16	9.83	12.2
M397762		11.46	0.02	0.07	2.05	50	130	0.80	0.06	26.8	0.36	27.2	4.2	16	8.23	13.9
M397763		11.95	0.76	0.05	1.26	7290	50	0.55	0.05	30.1	0.27	14.20	2.9	9	4.05	9.1
M397764		11.59	0.88	0.09	2.55	499	100	1.04	0.07	21.3	0.14	34.2	4.4	23	9.51	16.0
M397765		0.21	8.09	0.30	3.92	>10000	180	0.67	0.18	10.45	0.67	47.6	12.0	44	8.95	51.7
M397766		11.65	4.56	0.11	3.94	8250	110	1.30	0.10	9.98	0.09	44.9	7.5	39	14.30	21.3
M397767		11.42	3.11	0.14	3.07	9710	80	0.81	0.09	13.00	0.19	37.2	5.0	31	8.35	17.1
M397768		11.40	3.53	0.14	2.95	>10000	140	0.73	0.09	8.38	0.24	42.8	5.2	34	8.48	18.8
M397769		11.57	2.57	0.13	3.21	>10000	110	0.92	0.10	9.50	0.27	42.0	6.0	36	9.60	22.2
M397770		7.71	0.18	0.06	3.53	424	90	1.09	0.09	20.2	0.10	38.2	5.6	32	13.20	21.0
M397771		7.33	5.72	0.13	2.10	>10000	70	0.73	0.06	11.95	0.56	28.0	3.6	23	5.90	16.4
M397772		6.92	<0.01	0.01	0.04	62	50	0.05	0.02	21.1	0.07	0.98	0.7	<1	0.14	1.8
M397773		9.04	0.17	0.04	0.66	297	30	0.34	0.02	32.8	0.19	10.90	1.3	2	1.66	3.8
M397774		10.96	0.01	0.05	1.35	39	80	0.55	0.04	27.5	0.20	16.30	2.7	11	3.61	6.1
M397775		10.59	<0.01	0.05	1.61	23	80	0.51	0.05	25.0	0.28	22.7	2.9	13	5.07	7.6
M397776		<0.02	<0.01	0.04	1.64	18	80	0.56	0.04	25.6	0.12	23.0	3.0	12	5.17	7.5
M397777		12.36	<0.01	0.06	3.00	25	240	0.92	0.08	18.90	0.14	38.8	5.0	28	12.60	16.9
M397778		11.72	<0.01	0.04	1.12	9	360	0.36	0.04	31.2	0.21	15.60	2.6	7	5.29	8.0
M397779		10.47	<0.01	0.06	1.47	12	420	0.53	0.04	29.0	0.15	20.0	3.2	11	4.99	8.5
M397780		12.94	0.01	0.07	2.62	16	570	0.96	0.06	18.75	0.10	34.2	4.7	25	10.35	14.1
M397781		11.24	0.02	0.05	3.67	14	260	1.22	0.11	18.10	0.08	44.7	7.0	34	16.50	35.6
M397782		11.89	<0.01	0.03	3.82	12	460	1.32	0.09	17.60	0.14	46.4	6.3	35	18.05	27.4
M397783		12.45	<0.01	0.01	4.63	27	330	1.43	0.11	10.85	0.11	53.4	7.0	46	32.3	17.4
M397784		12.51	<0.01	0.02	2.93	15	390	0.89	0.07	16.25	0.13	38.3	4.5	28	16.85	15.2
M397785		5.16	<0.01	0.02	3.04	7	330	1.03	0.08	16.15	0.15	39.0	4.8	28	17.90	20.6
M397786		13.34	<0.01	0.03	3.39	26	720	1.10	0.09	14.95	0.10	44.8	7.3	31	20.4	22.7
M397787		12.40	<0.01	0.04	3.61	15	1570	1.18	0.09	10.70	0.08	49.0	6.8	36	20.2	26.6
M397788		11.83	<0.01	0.11	4.02	10	270	0.97	0.17	12.70	<0.02	73.2	7.7	37	4.75	16.9
M397789		11.87	<0.01	0.06	1.78	10	510	0.50	0.08	17.75	<0.02	46.1	4.5	16	1.85	9.2
M397790		8.80	<0.01	0.07	3.85	22	500	1.02	0.16	15.10	0.13	45.1	8.5	26	16.70	16.3
M397791		0.21	0.49	0.11	3.51	2460	200	0.94	0.13	18.30	0.11	40.5	10.3	38	9.57	37.9
M397792		8.48	<0.01	0.17	7.02	26.9	370	1.91	0.27	6.04	0.04	77.0	16.0	53	38.2	30.5
M397793		8.22	<0.01	0.03	8.25	20.8	360	2.74	0.24	2.72	<0.02	84.8	10.4	71	56.7	18.6
M397794		8.69	<0.01	0.07	3.07	33	840	0.74	0.13	16.90	0.04	35.9	9.5	19	15.00	12.3
M397795		6.69	<0.01	0.01	0.04	<5	30	0.05	0.03	21.6	0.07	1.10	0.7	<1	0.14	1.3

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VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131717

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M397760		0.52	3.96	0.07	0.9	0.6	0.012	0.84	9.6	6.0	1.11	138	0.43	0.01	2.2	6.4
M397761		0.74	5.63	0.09	1.4	0.7	0.017	1.25	13.0	10.1	1.56	173	0.33	0.02	3.2	9.4
M397762		0.83	5.81	0.10	1.2	0.7	0.016	1.19	13.1	8.7	2.06	136	0.46	0.02	3.4	11.2
M397763		0.50	3.58	0.08	0.6	8.4	0.014	0.71	8.3	4.9	0.75	218	0.71	0.01	2.1	6.7
M397764		1.05	7.00	0.11	1.5	9.5	0.023	1.47	19.9	11.5	2.00	261	0.62	0.02	4.1	11.4
M397765		2.99	11.55	0.11	2.0	23.9	0.040	1.80	26.5	13.5	0.36	781	3.89	0.02	5.7	25.8
M397766		1.84	11.10	0.08	2.0	26.1	0.028	2.22	24.4	24.3	3.53	522	0.89	0.02	6.1	18.8
M397767		1.28	8.65	0.08	1.5	25.3	0.023	1.63	21.4	19.6	1.73	521	1.16	0.01	4.7	13.5
M397768		1.57	8.13	0.09	1.8	30.1	0.025	1.60	23.6	22.7	2.70	722	0.84	0.02	4.6	13.8
M397769		1.42	9.16	0.10	1.5	22.1	0.029	1.75	23.2	26.1	3.19	707	1.00	0.02	5.0	15.7
M397770		0.94	9.73	0.14	1.6	15.9	0.027	2.01	21.1	17.4	2.26	256	0.26	0.02	5.6	12.1
M397771		0.90	6.00	0.09	1.2	19.2	0.023	1.14	12.7	19.9	3.31	1260	1.17	0.01	3.4	8.4
M397772		0.46	0.18	0.13	<0.1	0.04	<0.005	0.02	0.5	0.9	12.45	215	0.09	<0.01	0.1	1.5
M397773		0.32	1.89	0.09	0.4	1.1	0.008	0.37	5.9	2.8	1.56	291	0.37	0.01	1.1	2.6
M397774		0.62	3.67	0.10	0.9	0.3	0.008	0.78	8.7	5.5	2.99	130	0.53	0.01	2.2	6.2
M397775		0.61	4.37	0.12	1.1	0.2	0.014	0.97	10.4	6.9	2.74	123	0.49	0.02	2.8	6.5
M397776		0.62	4.49	0.13	1.2	0.1	0.014	0.99	10.6	6.9	2.78	126	0.54	0.02	2.8	6.8
M397777		1.01	8.26	0.16	1.9	0.1	0.026	1.84	20.5	16.3	3.90	152	0.76	0.03	5.1	12.3
M397778		0.54	3.23	0.12	0.6	0.06	0.011	0.67	8.6	5.4	1.44	120	0.50	0.01	1.9	5.2
M397779		0.55	4.11	0.13	0.8	<0.1	0.015	0.86	9.9	8.2	1.91	136	0.78	0.01	2.5	6.6
M397780		1.26	7.19	0.13	1.3	<0.1	0.019	1.58	16.3	18.6	3.77	193	0.84	0.02	4.3	11.3
M397781		1.47	10.25	0.15	1.6	0.04	0.027	2.20	24.6	23.5	2.57	214	0.44	0.03	6.1	17.4
M397782		1.66	10.45	0.13	1.9	0.04	0.028	2.31	25.1	21.4	3.74	228	0.60	0.03	6.2	16.1
M397783		2.03	12.40	0.15	2.4	0.05	0.032	2.86	28.6	30.3	3.83	237	0.45	0.04	7.2	18.8
M397784		1.43	7.85	0.12	1.6	<0.1	0.022	1.80	20.3	17.7	4.47	244	0.38	0.03	4.8	11.6
M397785		1.50	8.45	0.16	1.7	0.1	0.021	1.86	21.2	19.6	4.24	241	0.32	0.03	4.9	12.3
M397786		1.80	9.40	0.10	1.8	0.05	0.025	2.12	23.6	19.4	4.35	254	0.39	0.03	5.5	17.3
M397787		1.73	9.93	0.13	2.3	<0.1	0.028	2.25	25.2	21.5	4.12	259	0.44	0.03	6.2	15.8
M397788		2.34	10.50	0.12	2.3	0.10	0.034	2.03	37.2	10.1	1.49	367	0.33	0.03	6.7	19.9
M397789		3.85	4.56	0.08	1.1	0.05	0.030	0.87	20.9	9.9	4.41	1120	0.18	0.01	3.2	10.9
M397790		2.51	9.92	0.06	1.9	0.07	0.035	2.04	23.4	8.4	4.14	600	0.35	0.03	5.2	16.3
M397791		2.87	9.84	0.09	2.2	3.55	0.038	1.68	19.4	8.4	1.35	1150	1.91	0.02	5.8	22.5
M397792		2.33	19.45	0.14	3.4	0.3	0.060	3.81	41.7	14.9	2.34	323	0.34	0.05	10.0	29.7
M397793		2.52	24.3	0.20	3.8	0.06	0.079	4.67	43.0	21.2	1.49	234	0.18	0.05	12.9	27.1
M397794		3.65	8.22	0.08	1.4	0.1	0.034	1.63	18.0	7.2	5.00	706	0.19	0.02	4.2	19.1
M397795		0.49	0.19	0.18	<0.1	<0.01	<0.005	0.02	0.5	1.0	13.45	212	0.10	<0.01	0.1	1.6

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Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131717

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M397760	380	4.4	28.4	<0.002	0.14	0.15	2.3	1	0.5	863	0.15	<0.05	2.7	0.063	0.93
M397761	450	4.8	47.2	<0.002	0.23	0.18	3.3	1	0.7	558	0.22	<0.05	4.2	0.095	1.19
M397762	360	8.0	46.3	0.002	0.29	0.25	3.5	1	0.8	576	0.25	<0.05	4.4	0.097	0.93
M397763	270	7.8	25.7	0.002	0.67	0.89	2.3	1	0.5	549	0.14	<0.05	2.6	0.059	10.85
M397764	450	9.8	60.3	<0.002	0.44	0.50	4.2	2	0.9	373	0.29	<0.05	5.4	0.123	9.86
M397765	560	16.6	89.8	0.003	3.58	114.0	8.8	2	2.1	448	0.39	0.16	6.7	0.226	78.8
M397766	550	8.6	98.9	<0.002	1.15	1.77	6.2	2	1.4	138.5	0.41	<0.05	7.8	0.181	45.2
M397767	540	9.7	74.8	0.002	1.25	1.84	4.2	2	1.2	271	0.34	<0.05	6.2	0.140	52.3
M397768	550	11.1	71.9	0.002	2.08	2.58	4.8	2	1.2	159.0	0.33	<0.05	6.0	0.138	68.6
M397769	560	10.9	77.1	0.002	1.31	1.39	5.4	2	1.2	176.5	0.35	<0.05	6.5	0.151	32.8
M397770	420	9.6	83.7	<0.002	0.41	0.27	5.6	2	1.3	427	0.40	<0.05	6.6	0.166	4.15
M397771	380	10.2	48.9	<0.002	1.89	1.58	3.6	2	0.8	183.0	0.24	<0.05	4.4	0.100	16.75
M397772	180	1.4	0.9	<0.002	0.01	0.05	0.1	<1	<0.2	53.3	<0.05	<0.05	<0.2	<0.005	0.09
M397773	110	4.1	12.7	<0.002	0.13	0.15	1.1	1	0.2	1010	0.07	<0.05	1.3	0.031	1.51
M397774	210	7.9	25.9	<0.002	0.23	0.22	2.2	2	0.5	1470	0.16	<0.05	3.0	0.068	0.70
M397775	230	7.8	31.3	<0.002	0.23	0.20	2.5	1	0.6	1045	0.19	<0.05	3.6	0.081	0.44
M397776	240	7.7	32.4	<0.002	0.24	0.20	2.7	2	0.6	1080	0.20	<0.05	3.6	0.083	0.45
M397777	450	9.5	68.4	<0.002	0.36	0.29	4.8	2	1.1	486	0.37	<0.05	6.7	0.149	0.51
M397778	200	5.9	22.4	<0.002	0.21	0.21	2.0	1	0.4	922	0.13	<0.05	2.3	0.053	0.36
M397779	210	6.1	29.2	<0.002	0.17	0.33	2.4	1	0.6	845	0.17	<0.05	3.0	0.071	0.55
M397780	340	7.6	61.0	<0.002	0.20	0.33	4.2	2	1.0	417	0.31	<0.05	5.4	0.126	0.53
M397781	490	7.2	89.5	<0.002	0.09	0.31	5.9	2	1.3	373	0.43	<0.05	7.1	0.174	0.51
M397782	470	6.9	96.9	<0.002	0.17	0.29	6.1	1	1.4	292	0.43	<0.05	7.6	0.182	0.51
M397783	620	7.7	118.0	<0.002	0.09	0.33	7.3	2	1.8	201	0.52	<0.05	9.0	0.222	0.62
M397784	370	6.3	74.5	<0.002	0.03	0.20	4.6	2	1.0	248	0.34	<0.05	5.9	0.142	0.40
M397785	370	6.5	78.1	<0.002	0.03	0.20	4.9	1	1.1	248	0.35	<0.05	6.0	0.147	0.42
M397786	360	7.6	90.1	<0.002	0.17	0.50	5.6	2	1.3	249	0.40	<0.05	6.9	0.164	1.15
M397787	510	7.5	93.7	<0.002	0.12	0.40	5.7	3	1.4	208	0.44	<0.05	7.7	0.177	0.59
M397788	360	28.9	83.8	<0.002	1.66	0.62	6.5	<1	1.3	247	0.49	<0.05	8.3	0.256	0.46
M397789	190	21.7	30.5	<0.002	1.82	0.44	3.0	1	0.7	216	0.23	<0.05	3.8	0.133	0.26
M397790	810	8.7	80.8	<0.002	0.16	0.31	7.1	1	1.3	249	0.37	<0.05	6.3	0.177	0.68
M397791	380	8.2	81.2	<0.002	2.47	8.78	8.6	1	1.5	692	0.39	<0.05	5.3	0.253	10.45
M397792	790	17.7	160.5	<0.002	0.26	0.80	12.7	1	2.5	139.5	0.71	0.11	11.6	0.339	1.38
M397793	2110	4.7	159.0	<0.002	0.39	0.24	16.3	1	3.2	105.0	0.94	0.08	12.4	0.445	1.44
M397794	670	9.5	67.4	<0.002	0.36	0.30	5.7	2	1.1	213	0.28	<0.05	5.0	0.145	0.70
M397795	180	<0.5	0.9	<0.002	<0.01	0.15	0.1	<1	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131717

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M397760		7.4	24	0.8	5.8	8	30.1	
M397761		5.4	34	1.6	8.3	14	51.4	
M397762		11.0	31	1.5	7.8	61	40.1	
M397763		20.4	22	1.6	6.6	40	18.3	
M397764		16.0	41	3.0	10.3	62	55.2	
M397765		4.2	63	8.8	24.2	133	67.7	3.29
M397766		9.2	68	5.1	11.5	20	72.7	
M397767		31.1	56	5.0	9.8	50	51.1	
M397768		15.0	54	4.1	10.3	59	62.9	2.57
M397769		21.2	57	4.2	12.3	70	52.5	1.095
M397770		9.2	50	3.2	11.1	43	59.2	
M397771		30.2	38	3.6	7.9	92	36.6	3.09
M397772		0.7	2	0.1	0.7	14	<0.5	
M397773		10.8	10	0.7	3.7	33	12.6	
M397774		13.7	21	1.0	5.2	36	28.5	
M397775		12.2	24	0.5	6.1	80	35.5	
M397776		12.5	24	0.5	6.3	35	36.0	
M397777		10.0	46	0.7	10.7	47	66.6	
M397778		13.3	19	0.3	4.8	60	17.5	
M397779		13.0	25	0.3	5.6	45	23.5	
M397780		9.6	42	0.6	9.1	42	45.6	
M397781		7.8	55	0.8	12.2	27	59.2	
M397782		3.0	45	0.9	12.6	28	70.3	
M397783		2.9	60	0.9	14.5	36	78.3	
M397784		3.9	47	0.6	10.7	25	57.1	
M397785		3.7	47	0.6	10.9	28	58.2	
M397786		5.3	48	0.8	11.8	31	68.1	
M397787		4.8	52	0.8	13.5	28	80.3	
M397788		2.8	50	0.9	15.2	9	80.4	
M397789		1.1	24	0.4	12.2	2	34.5	
M397790		5.5	55	0.9	15.5	19	61.3	
M397791		2.2	70	5.4	14.8	42	66.6	
M397792		4.0	96	1.5	19.8	17	113.5	
M397793		4.0	118	2.0	31.0	22	134.5	
M397794		3.8	40	0.7	12.8	10	49.0	
M397795		0.6	3	0.1	0.7	17	0.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131717

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

CERTIFICATE WH13133019

Project: Nadaleen

P.O. No.: 13-024

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133019

Sample Description	Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M399943		10.34	<0.01	0.06	2.40	447	170	1.03	0.09	25.1	0.03	29.4	4.3	26	6.93	16.3
M399944		11.71	0.03	0.11	2.34	309	110	0.95	0.08	24.1	0.03	30.2	4.8	24	6.89	13.4
M399945		11.20	<0.01	0.05	2.36	179	230	0.98	0.08	25.7	0.02	29.5	5.1	23	7.53	12.0
M399946		11.69	<0.01	0.07	2.16	256	260	0.82	0.09	25.7	0.02	26.2	3.9	22	6.87	17.4
M399947		4.72	<0.01	0.06	2.08	251	270	0.74	0.08	25.8	0.03	25.1	4.0	22	6.46	29.7
M399948		10.90	0.16	0.16	4.36	1340	200	1.82	0.14	13.80	0.03	46.5	8.7	50	12.75	22.5
M399949		11.34	0.01	0.16	5.75	1035	240	2.29	0.17	7.63	0.03	60.8	11.3	61	16.70	29.2
M399950		7.14	0.04	0.21	3.80	798	170	1.36	0.13	13.70	0.06	47.9	7.0	50	10.30	22.2
M399951		0.26	7.74	0.28	3.81	>10000	180	0.64	0.20	10.25	0.62	40.8	11.9	44	7.77	51.2
M399952		10.81	7.56	2.70	5.16	>10000	350	1.54	0.16	10.25	0.21	63.0	11.4	61	12.05	39.7
M399953		6.91	<0.01	0.01	0.05	24	20	<0.05	0.04	20.4	0.05	0.97	0.6	1	0.11	1.1
M399954		7.03	0.02	0.11	2.86	508	130	0.93	0.09	26.2	0.07	39.0	5.3	31	7.73	27.1
M399955		11.02	<0.01	0.09	1.42	186	110	0.55	0.06	31.4	0.06	21.1	2.8	15	3.35	10.3
M399956		11.16	<0.01	0.13	1.63	658	120	0.56	0.06	24.9	0.06	26.2	3.0	17	4.04	8.8
M399957		0.26	2.58	0.21	3.95	6400	210	0.94	0.16	12.65	0.15	45.0	11.6	49	10.35	35.7
M399958		11.02	<0.01	0.10	1.07	976	70	0.37	0.06	21.0	0.03	19.55	2.2	12	2.32	8.6
M399959		11.78	<0.01	0.08	1.68	346	100	0.62	0.06	23.4	0.07	25.4	3.2	19	3.42	8.2
M399960		11.06	<0.01	0.07	3.01	1060	180	1.05	0.09	16.80	0.06	38.3	4.6	33	6.92	14.7
M399961		10.86	<0.01	0.06	2.10	797	340	0.74	0.08	21.4	0.06	30.7	2.6	21	4.85	6.5
M399962		12.33	<0.01	0.07	4.16	746	230	1.30	0.12	14.50	0.08	52.8	6.6	45	9.03	22.6
M399963		7.56	<0.01	0.02	0.05	6	30	0.07	0.05	21.1	0.05	1.11	0.6	1	0.11	2.5
M399964		11.97	<0.01	0.06	3.31	220	170	1.08	0.10	17.85	0.10	46.0	6.6	35	7.23	22.7
M399965		11.22	<0.01	0.08	3.61	160	190	1.17	0.11	15.70	0.08	47.0	6.1	39	7.02	21.0
M399966		11.72	<0.01	0.12	4.16	74	200	1.31	0.12	13.15	0.09	49.7	7.4	45	7.72	25.5
M399967		10.49	<0.01	0.05	2.21	325	160	0.69	0.08	22.3	0.08	30.0	4.3	23	3.32	12.9
M399968		10.00	<0.01	0.05	2.12	499	130	0.73	0.08	25.5	0.09	29.2	4.1	23	2.94	11.7
M399969		<0.02	<0.01	0.06	2.04	487	120	0.65	0.08	25.5	0.09	29.2	4.0	22	2.87	10.9
M399970		9.85	<0.01	0.03	3.33	1400	230	1.04	0.12	17.10	0.08	43.4	6.0	34	4.97	20.0
M399971		10.29	0.01	0.05	3.16	162	160	0.94	0.10	19.60	0.08	39.6	5.6	33	4.18	21.9
M399972		11.28	<0.01	0.07	3.08	114	130	1.03	0.11	21.8	0.06	40.5	5.4	33	4.22	21.5
M399973		11.37	<0.01	0.04	2.20	64	130	0.72	0.09	24.7	0.17	28.4	4.4	21	3.19	14.5
M399974		10.87	<0.01	0.05	2.48	71	120	0.83	0.09	22.5	0.14	34.1	4.5	27	2.93	13.2
M399975		12.37	<0.01	0.06	3.10	219	130	0.99	0.12	18.20	0.06	43.2	5.6	35	3.15	19.7
M399976		10.01	<0.01	0.05	3.37	427	140	1.02	0.13	16.80	0.08	42.8	5.8	36	3.20	21.5
M399977		8.56	<0.01	0.04	3.09	71	150	0.94	0.12	20.9	0.09	40.9	5.9	31	3.11	22.4
M399978		8.21	<0.01	0.08	2.39	45	130	0.81	0.09	23.3	0.29	31.9	5.6	25	1.83	19.4

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133019

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M399943		0.95	6.29	0.06	1.2	0.24	0.019	1.22	15.2	14.9	1.06	187	0.47	0.02	3.7	10.7
M399944		0.95	5.95	0.09	1.1	0.83	0.017	1.20	14.7	17.0	1.68	215	0.42	0.02	3.5	11.0
M399945		0.90	5.92	0.11	1.1	0.19	0.018	1.24	14.4	17.8	1.58	173	0.39	0.02	3.4	11.3
M399946		0.85	5.62	0.11	1.0	0.21	0.016	1.15	13.2	13.1	1.56	186	0.47	0.01	3.4	9.1
M399947		1.01	5.21	0.11	1.0	0.20	0.016	1.12	12.3	12.6	1.92	219	0.50	0.01	3.2	9.0
M399948		1.72	11.35	0.14	2.1	0.66	0.032	2.38	22.5	33.9	2.39	254	1.19	0.02	6.7	21.1
M399949		2.32	14.65	0.15	2.9	0.54	0.037	3.18	29.1	47.0	3.05	240	1.49	0.03	8.9	26.7
M399950		1.65	9.94	0.14	2.3	0.82	0.028	2.03	22.9	26.5	2.54	260	1.21	0.02	6.4	18.1
M399951		2.91	10.30	0.12	1.8	27.4	0.033	1.69	21.0	12.2	0.36	752	3.46	0.02	5.5	25.3
M399952		1.88	13.85	0.14	2.5	7.85	0.029	2.76	30.7	35.6	2.18	558	1.44	0.02	8.1	31.2
M399953		0.45	0.16	0.07	<0.1	0.03	0.005	0.02	<0.5	1.0	12.85	203	0.09	<0.01	0.1	1.5
M399954		0.85	6.77	0.14	1.3	0.72	0.017	1.47	21.7	19.6	1.28	192	0.60	0.02	3.9	14.5
M399955		0.52	3.32	0.11	0.6	0.21	0.007	0.75	11.6	7.6	1.01	156	0.32	0.01	2.0	7.0
M399956		0.93	3.94	0.11	1.1	0.23	0.007	0.86	14.1	9.7	3.35	235	0.39	0.01	2.5	6.9
M399957		2.92	9.61	0.16	2.2	16.0	0.030	1.77	23.4	11.4	2.64	1210	1.79	0.02	5.6	26.7
M399958		1.11	2.43	0.11	0.6	0.24	<0.005	0.55	9.6	5.6	8.09	393	0.43	0.01	1.6	4.4
M399959		0.83	3.92	0.12	1.2	0.14	0.005	0.90	13.2	9.8	3.87	253	0.71	0.02	2.8	6.6
M399960		1.28	7.20	0.15	2.0	0.09	0.012	1.64	20.4	20.1	5.30	245	0.64	0.03	4.8	11.1
M399961		0.97	4.82	0.13	1.0	0.05	0.011	1.10	16.2	14.0	4.61	232	0.36	0.02	3.3	6.3
M399962		1.46	9.99	0.15	2.3	0.07	0.025	2.16	27.8	24.0	3.98	224	0.57	0.03	6.6	16.8
M399963		0.47	0.16	0.10	<0.1	0.01	<0.005	0.02	0.5	0.9	13.25	218	0.07	0.01	0.1	1.5
M399964		1.37	8.22	0.15	1.9	0.07	0.016	1.67	24.6	21.4	2.82	223	0.57	0.02	5.4	17.5
M399965		1.60	8.66	0.15	2.0	0.09	0.018	1.83	24.4	26.5	3.84	231	0.72	0.03	5.6	17.0
M399966		1.81	9.76	0.16	2.2	0.09	0.025	2.06	26.4	28.9	4.00	233	0.85	0.03	6.4	20.3
M399967		1.72	5.18	0.12	1.1	0.05	0.009	1.04	16.6	20.1	3.55	215	0.26	0.02	3.3	11.3
M399968		1.00	5.12	0.11	1.2	0.04	0.010	0.89	16.0	18.9	1.94	205	0.32	0.02	3.4	11.9
M399969		0.97	5.02	0.12	1.1	0.04	0.008	0.86	15.8	18.2	1.92	202	0.32	0.02	3.3	11.6
M399970		1.76	8.21	0.15	2.0	0.04	0.022	1.33	23.2	37.2	3.34	275	0.33	0.03	5.4	16.2
M399971		1.39	7.48	0.12	1.6	0.03	0.015	1.19	21.2	31.6	2.60	268	0.32	0.02	4.8	15.2
M399972		1.45	7.59	0.14	1.5	0.04	0.014	1.20	21.4	46.8	2.28	298	0.48	0.02	4.9	15.4
M399973		1.29	5.37	0.12	1.0	0.05	0.009	0.90	15.1	41.0	2.24	386	0.20	0.02	3.5	11.2
M399974		0.99	5.92	0.14	1.5	0.05	0.012	1.04	18.0	26.8	2.39	419	0.38	0.02	4.1	11.5
M399975		1.36	7.70	0.14	1.8	0.05	0.017	1.11	22.7	38.8	2.72	580	0.42	0.03	5.2	14.9
M399976		1.51	8.11	0.14	1.8	0.05	0.017	1.21	22.8	35.3	3.66	833	0.43	0.03	5.3	14.8
M399977		1.37	7.59	0.15	1.6	0.03	0.019	1.05	21.5	42.1	2.41	1220	0.24	0.03	5.1	15.5
M399978		1.02	5.77	0.11	1.1	0.04	0.009	0.78	17.4	22.1	1.98	1920	0.50	0.02	3.9	12.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133019

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399943		600	8.0	45.7	<0.002	0.16	1.64	3.7	1	0.7	1430	0.27	<0.05	5.1	0.105	0.75
M399944		460	7.1	43.6	<0.002	0.30	3.66	3.5	2	0.7	1540	0.25	<0.05	4.9	0.099	4.66
M399945		430	7.3	43.5	0.002	0.19	0.59	3.6	1	0.7	1655	0.26	<0.05	4.7	0.098	0.77
M399946		440	5.7	40.3	<0.002	0.13	0.90	3.4	1	0.7	730	0.25	<0.05	4.3	0.094	0.63
M399947		410	5.7	37.6	0.002	0.14	0.82	3.2	2	0.6	697	0.24	<0.05	4.2	0.092	0.59
M399948		590	9.5	84.7	<0.002	0.38	4.35	6.7	4	1.4	401	0.49	<0.05	9.0	0.203	2.27
M399949		660	11.1	112.0	0.003	0.50	3.58	8.9	5	1.9	280	0.67	<0.05	12.1	0.262	1.68
M399950		700	8.7	73.3	0.002	0.35	3.16	6.1	3	1.3	357	0.49	<0.05	8.6	0.183	2.29
M399951		530	15.9	72.2	0.004	3.42	97.8	8.1	2	1.9	443	0.40	0.13	6.6	0.211	57.3
M399952		1070	17.1	97.2	0.002	1.65	218	7.4	5	1.7	423	0.61	<0.05	10.7	0.236	34.5
M399953		180	1.1	0.9	<0.002	<0.01	0.23	0.1	<1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.10
M399954		690	12.1	60.9	<0.002	0.23	1.98	4.8	1	0.9	734	0.30	<0.05	5.7	0.122	2.80
M399955		250	7.0	28.9	<0.002	0.21	0.54	2.4	1	0.4	760	0.15	<0.05	2.8	0.062	0.78
M399956		250	15.4	34.7	<0.002	0.27	1.93	2.7	2	0.5	574	0.19	<0.05	3.7	0.076	1.21
M399957		460	12.0	88.3	0.002	2.66	22.5	10.4	1	1.5	318	0.42	<0.05	6.4	0.283	45.6
M399958		180	7.6	19.4	<0.002	0.20	2.61	1.7	1	0.4	339	0.12	<0.05	2.2	0.052	0.98
M399959		280	8.4	34.5	<0.002	0.24	0.79	2.7	3	0.6	764	0.21	<0.05	3.9	0.086	0.40
M399960		370	6.4	66.5	0.002	0.27	2.00	4.9	5	1.0	334	0.36	<0.05	6.7	0.153	0.60
M399961		270	3.7	45.5	<0.002	0.09	1.43	3.5	1	0.7	378	0.24	<0.05	4.4	0.101	0.36
M399962		550	8.8	90.0	0.002	0.25	1.48	6.7	3	1.4	337	0.49	<0.05	9.2	0.206	0.49
M399963		170	1.3	0.9	<0.002	<0.01	0.06	0.2	<1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	<0.02
M399964		430	7.7	72.1	<0.002	0.18	0.58	5.4	2	1.2	372	0.41	<0.05	7.4	0.165	0.33
M399965		440	8.9	76.6	<0.002	0.19	0.46	5.8	3	1.2	422	0.44	<0.05	8.0	0.180	0.38
M399966		490	15.5	83.1	<0.002	0.33	0.47	6.4	3	1.3	304	0.47	<0.05	8.7	0.205	0.36
M399967		260	5.1	43.2	<0.002	0.08	0.58	3.5	2	0.7	378	0.24	<0.05	4.5	0.105	0.26
M399968		300	6.5	38.9	<0.002	0.13	0.87	3.5	3	0.7	453	0.26	<0.05	4.7	0.105	0.27
M399969		290	6.4	38.4	<0.002	0.13	0.83	3.4	3	0.7	451	0.24	<0.05	4.6	0.100	0.27
M399970		420	5.6	61.5	<0.002	0.26	1.33	5.5	4	1.2	374	0.41	<0.05	7.4	0.163	0.33
M399971		380	7.0	54.7	<0.002	0.11	0.47	5.0	2	1.1	430	0.36	<0.05	6.7	0.152	0.21
M399972		420	8.9	55.7	<0.002	0.11	0.33	5.1	2	1.0	504	0.36	<0.05	6.6	0.147	0.25
M399973		300	5.0	40.5	<0.002	0.07	0.28	3.6	1	0.7	726	0.26	<0.05	4.6	0.103	0.16
M399974		370	7.0	44.9	<0.002	0.13	0.32	4.1	2	0.9	613	0.32	<0.05	5.8	0.126	0.19
M399975		440	8.4	51.3	<0.002	0.16	0.48	5.1	2	1.1	404	0.38	<0.05	7.2	0.155	0.26
M399976		360	7.4	53.1	<0.002	0.12	0.67	5.4	3	1.1	364	0.40	<0.05	7.4	0.166	0.29
M399977		330	7.4	49.5	<0.002	0.18	0.30	5.2	2	1.1	442	0.38	<0.05	6.7	0.150	0.22
M399978		260	26.1	35.0	<0.002	0.14	0.35	4.0	1	0.8	600	0.29	<0.05	5.4	0.117	0.22

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133019

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
M399943		8.7	39	1.2	8.5	15	44.2	
M399944		8.6	37	1.2	7.9	12	40.2	
M399945		9.6	37	0.5	7.6	11	42.8	
M399946		9.1	36	0.5	7.2	11	35.4	
M399947		8.6	35	0.5	7.2	11	35.2	
M399948		5.6	73	2.1	11.2	25	72.5	
M399949		4.1	95	2.0	14.9	41	94.6	
M399950		5.9	76	2.1	13.8	36	78.0	
M399951		3.6	63	8.0	19.2	131	61.7	3.42
M399952		10.7	90	3.8	14.9	41	88.4	2.02
M399953		0.6	2	0.1	0.6	13	<0.5	
M399954		11.7	45	1.4	11.1	25	39.8	
M399955		12.2	27	0.4	5.7	22	19.8	
M399956		9.9	29	0.5	7.0	25	37.5	
M399957		6.9	87	7.1	18.9	49	70.2	
M399958		7.2	20	0.4	4.9	10	18.0	
M399959		10.0	29	0.4	6.9	24	39.6	
M399960		7.9	53	0.5	10.6	19	65.4	
M399961		7.6	35	0.4	7.9	31	34.6	
M399962		6.2	65	0.7	15.5	62	77.0	
M399963		0.6	2	0.1	0.7	14	<0.5	
M399964		6.0	55	0.6	13.4	42	63.8	
M399965		7.3	60	0.6	12.6	50	65.1	
M399966		5.9	68	0.7	14.0	91	71.0	
M399967		8.6	35	0.4	8.8	31	38.6	
M399968		10.8	34	0.4	8.5	49	41.7	
M399969		11.0	32	0.4	8.7	48	40.5	
M399970		6.2	48	0.7	13.1	42	71.7	
M399971		7.4	45	0.5	10.3	44	49.6	
M399972		10.0	48	0.5	10.6	48	47.5	
M399973		5.6	33	0.4	7.6	31	33.0	
M399974		9.5	37	0.4	9.1	46	49.4	
M399975		8.6	46	0.6	11.5	46	59.5	
M399976		7.5	50	0.6	10.7	46	57.9	
M399977		8.0	45	0.6	10.9	45	56.4	
M399978		11.2	36	0.5	8.5	75	38.4	

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133019

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

CERTIFICATE WH13133018

Project: Nadaleen
P.O. No.: 13-025
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133018

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M399906		12.38	<0.01	0.05	2.29	243	130	0.73	0.06	26.3	0.05	28.6	4.2	18	6.55	10.6
M399907		10.59	0.01	0.14	3.84	569	220	1.04	0.09	17.30	0.05	44.7	6.0	35	12.00	20.9
M399908		12.41	<0.01	0.07	2.88	161	190	0.85	0.07	20.6	0.06	35.2	4.7	23	8.33	16.0
M399909		10.86	<0.01	0.10	1.95	170	120	0.56	0.05	23.9	0.03	29.7	4.2	17	5.46	13.6
M399910		12.22	<0.01	0.04	0.74	146	50	0.20	0.02	24.2	0.06	16.00	2.3	3	1.57	20.4
M399911		12.70	<0.01	0.07	2.37	110	140	0.74	0.06	20.4	0.10	29.7	4.6	18	6.77	13.3
M399912		12.07	<0.01	0.04	3.27	141	150	0.96	0.08	19.00	0.06	36.0	4.5	28	9.04	16.5
M399913		11.81	<0.01	0.06	4.01	157	200	1.20	0.09	12.55	0.08	42.8	6.5	39	10.50	23.7
M399914		11.62	<0.01	0.05	2.92	269	150	0.92	0.07	16.15	0.24	33.3	5.3	26	6.88	20.7
M399979		6.25	<0.01	0.06	5.39	22	320	1.16	0.18	15.40	0.05	58.7	9.5	38	12.70	19.7
M399980		7.97	<0.01	0.06	4.83	20	790	1.05	0.16	17.85	0.03	53.6	8.7	35	12.30	17.0
M399981		0.21	0.49	0.11	3.81	2600	210	0.81	0.14	19.35	0.12	39.6	11.8	37	11.35	43.1
M399982		8.99	<0.01	0.06	4.13	23	340	1.00	0.15	22.5	0.05	46.2	7.3	28	11.30	14.7
M399983		7.75	<0.01	0.03	3.06	28	210	0.93	0.20	21.4	0.02	39.4	5.7	23	7.60	11.0
M399984		10.38	<0.01	0.04	2.85	23	170	0.76	0.18	23.5	0.03	34.9	5.0	21	7.09	9.9
M399985		10.56	<0.01	0.06	3.96	20	210	1.17	0.23	19.70	0.03	44.9	7.7	31	11.70	14.7
M399986		11.15	<0.01	0.05	4.08	13	180	1.33	0.23	18.75	0.03	52.5	8.2	32	12.45	18.4
M399987		10.11	<0.01	0.05	3.52	14	160	1.14	0.22	21.7	0.03	47.0	7.2	27	9.26	13.9
M399988		9.35	<0.01	0.05	3.33	15	230	0.90	0.19	21.3	0.03	39.4	6.2	25	7.10	12.4
M399989		10.10	<0.01	0.06	3.27	12	410	1.03	0.21	21.4	0.02	42.2	6.1	24	8.13	12.4
M399990		8.46	<0.01	0.07	5.38	21	240	1.55	0.25	13.50	0.03	60.5	9.2	45	14.60	18.4
M399991		4.04	<0.01	0.07	5.95	27	280	1.64	0.30	12.15	0.04	68.4	10.4	48	16.75	21.1
M399992		9.31	0.01	0.07	5.03	17	250	1.59	0.25	14.85	0.05	63.7	9.2	42	17.60	18.5
M399993		10.36	<0.01	0.06	5.39	25	230	1.67	0.26	14.60	0.05	65.3	9.5	44	18.80	18.9
M399994		10.45	<0.01	0.05	5.50	52	270	1.50	0.26	11.40	0.06	64.9	9.7	46	17.70	18.4
M399995		10.44	<0.01	0.03	8.41	19.3	360	2.54	0.35	1.02	<0.02	92.6	17.8	68	22.4	37.3
M399996		9.65	<0.01	0.03	8.41	17.7	620	2.45	0.33	0.74	<0.02	83.5	18.6	68	33.0	29.5
M399997		11.33	<0.01	0.02	8.34	11.5	350	2.59	0.34	1.07	0.02	86.2	16.7	69	37.1	21.5
M399998		11.20	<0.01	0.06	9.04	31.8	310	2.43	0.39	1.32	<0.02	68.4	18.6	76	25.1	37.0
M399999		6.33	<0.01	0.05	1.07	<5	120	0.47	0.08	30.9	0.13	15.85	2.3	9	2.79	7.0
M400000		12.27	0.01	0.04	0.51	10	410	0.19	0.05	33.5	0.13	10.70	1.4	4	1.48	3.6
M400301		0.21	0.50	0.10	3.44	2490	190	0.93	0.16	17.85	0.12	37.3	10.1	40	9.31	37.9
M400302		6.98	0.01	0.01	0.05	<5	20	0.06	0.06	21.0	0.06	1.13	0.8	<1	0.21	2.1
M400303		10.33	<0.01	0.08	1.09	16	850	0.36	0.06	31.7	0.18	13.95	2.2	11	2.63	8.6
M400304		7.11	0.01	0.01	0.05	<5	20	0.07	0.05	21.0	0.06	1.01	0.7	<1	0.18	2.1
M400305		11.05	<0.01	0.06	0.83	8	1150	0.37	0.06	33.3	0.14	13.20	1.8	8	1.81	6.5

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133018

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M399906		0.83	5.98	0.13	1.3	0.16	0.020	1.30	15.7	13.9	2.01	217	0.62	0.02	4.1	9.5
M399907		1.28	9.62	0.15	2.4	0.41	0.030	2.18	23.5	24.3	2.65	312	0.98	0.03	6.9	13.5
M399908		0.92	7.56	0.15	1.9	0.18	0.022	1.65	18.5	18.3	3.20	250	0.90	0.05	5.8	9.7
M399909		0.93	4.99	0.15	1.2	0.22	0.017	1.11	15.9	11.5	3.12	414	0.85	0.02	3.9	9.3
M399910		0.85	1.85	0.11	0.5	0.15	0.009	0.39	8.2	4.3	6.78	421	1.00	0.01	1.6	4.6
M399911		0.85	6.07	0.13	1.5	0.19	0.017	1.36	16.0	15.6	4.22	285	0.78	0.02	4.5	9.3
M399912		1.07	8.49	0.15	1.7	0.14	0.024	1.89	18.9	20.3	3.77	238	0.65	0.03	6.0	11.0
M399913		1.49	10.25	0.16	2.2	0.18	0.031	2.31	23.0	24.6	3.62	250	0.55	0.03	7.2	18.1
M399914		1.56	7.44	0.14	1.6	0.32	0.023	1.65	18.2	15.7	5.56	312	0.37	0.02	5.3	14.8
M399979		2.36	13.35	0.16	2.1	0.11	0.041	2.20	30.7	44.6	1.08	287	0.56	0.14	7.8	21.7
M399980		2.61	11.65	0.15	1.9	0.10	0.037	1.90	27.8	52.3	1.04	295	0.51	0.17	7.1	19.2
M399981		3.06	9.83	0.14	2.0	3.63	0.038	1.83	19.6	10.2	1.43	1180	1.75	0.02	7.0	25.6
M399982		1.83	10.20	0.13	1.4	0.13	0.031	1.57	24.1	59.1	0.69	221	0.56	0.15	5.6	16.7
M399983		1.60	8.22	0.12	1.3	0.21	0.030	1.11	20.4	63.6	0.94	254	0.25	0.06	3.9	11.9
M399984		1.50	7.19	0.11	1.2	0.14	0.028	1.03	18.3	41.4	0.66	331	0.28	0.10	3.4	11.4
M399985		1.97	10.50	0.16	1.5	0.12	0.034	1.50	24.0	42.6	1.03	552	0.34	0.18	4.7	16.1
M399986		2.01	11.25	0.16	1.5	0.12	0.035	1.58	27.6	38.1	0.97	401	0.33	0.19	5.0	17.3
M399987		1.80	9.59	0.17	1.4	0.11	0.033	1.28	24.9	37.5	0.98	377	0.32	0.18	4.4	15.2
M399988		1.64	8.73	0.16	1.3	0.15	0.031	1.20	21.3	36.9	0.82	286	0.32	0.17	3.9	13.4
M399989		1.63	9.08	0.17	1.5	0.13	0.031	1.25	22.1	36.8	0.69	351	0.27	0.12	4.2	13.0
M399990		2.46	14.15	0.20	2.1	0.24	0.047	2.24	32.5	32.7	0.89	280	0.45	0.14	6.4	21.5
M399991		2.53	16.20	0.22	2.5	0.25	0.054	2.47	36.8	38.4	0.89	295	0.44	0.14	7.2	23.1
M399992		2.47	14.25	0.19	2.2	0.25	0.045	2.12	33.3	35.0	0.95	289	0.47	0.12	6.6	20.7
M399993		2.39	15.00	0.20	2.3	0.24	0.047	2.33	34.3	35.0	1.01	331	0.42	0.10	6.9	20.5
M399994		3.07	14.60	0.18	2.2	0.17	0.049	2.29	34.6	50.8	1.13	643	0.36	0.06	6.6	20.1
M399995		4.19	23.4	0.23	3.7	0.02	0.074	3.17	49.5	169.0	1.35	389	0.35	0.07	12.1	34.3
M399996		4.52	25.5	0.22	3.2	0.02	0.068	3.25	44.7	175.0	1.42	356	0.42	0.06	12.3	36.3
M399997		4.15	23.2	0.22	3.3	0.02	0.074	3.33	46.4	120.0	1.59	607	0.14	0.06	12.7	40.3
M399998		4.02	24.9	0.20	2.6	0.09	0.066	3.96	34.0	111.0	1.45	425	0.36	0.08	12.2	42.7
M399999		0.55	3.04	0.11	0.7	0.05	0.016	0.53	8.4	5.6	1.07	120	0.77	0.01	1.7	5.0
M400000		0.38	1.49	0.12	0.3	0.03	0.011	0.26	6.0	2.8	0.76	92	0.24	0.01	0.8	2.6
M400301		2.80	9.41	0.13	1.8	3.54	0.040	1.63	18.9	8.5	1.35	1160	1.34	0.02	5.2	22.3
M400302		0.46	0.24	0.15	0.1	<0.01	0.011	0.02	0.6	1.2	12.80	212	0.09	<0.01	0.1	1.6
M400303		0.44	3.03	0.17	0.6	0.05	0.014	0.55	7.8	5.0	0.72	96	0.56	0.02	1.5	5.2
M400304		0.45	0.22	0.18	0.1	<0.01	0.010	0.02	0.5	1.1	12.90	209	0.05	<0.01	0.1	1.5
M400305		0.36	2.40	0.17	0.5	0.05	0.012	0.42	7.2	3.5	0.55	80	0.40	0.01	1.3	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133018

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M399906		320	7.3	45.9	0.002	0.14	1.70	3.8	2	0.8	719	0.28	<0.05	4.9	0.105	0.53
M399907		550	10.3	74.5	0.002	0.20	3.01	6.2	3	1.3	451	0.49	<0.05	8.5	0.186	1.31
M399908		370	8.9	56.8	0.002	0.22	0.95	4.7	3	1.0	541	0.39	<0.05	6.5	0.143	0.54
M399909		470	9.2	37.9	<0.002	0.17	0.65	3.3	3	0.7	654	0.26	<0.05	4.7	0.096	0.40
M399910		170	6.1	12.7	<0.002	0.02	0.55	1.3	2	0.3	451	0.10	<0.05	1.8	0.036	0.25
M399911		340	10.9	48.2	0.002	0.20	0.38	3.9	3	0.8	661	0.32	<0.05	5.6	0.118	0.41
M399912		410	7.0	66.3	0.002	0.20	0.26	5.4	2	1.1	417	0.42	<0.05	7.1	0.159	0.42
M399913		490	9.8	81.3	0.002	0.49	0.42	6.3	3	1.4	300	0.52	<0.05	8.8	0.196	0.52
M399914		350	8.3	57.7	<0.002	0.50	0.79	4.7	2	1.0	253	0.37	<0.05	6.3	0.140	0.55
M399979		790	13.7	101.5	0.003	1.81	0.30	9.1	2	1.5	650	0.55	<0.05	9.3	0.246	0.71
M399980		700	12.7	88.5	0.002	2.00	0.28	8.2	2	1.4	666	0.48	<0.05	7.9	0.221	0.60
M399981		390	9.4	80.7	0.002	2.63	9.65	9.4	2	1.5	756	0.47	0.06	6.0	0.270	10.40
M399982		880	10.7	75.6	0.003	1.49	0.24	6.8	2	1.1	1035	0.39	<0.05	6.9	0.170	0.70
M399983		590	8.9	60.7	<0.002	1.20	0.25	5.4	1	0.8	925	0.35	<0.05	5.3	0.138	0.85
M399984		450	7.7	54.0	<0.002	1.03	0.15	4.9	1	0.7	896	0.31	<0.05	4.8	0.130	0.76
M399985		710	10.5	77.7	<0.002	1.41	0.25	6.8	1	1.0	703	0.42	<0.05	6.5	0.177	0.74
M399986		620	11.0	84.0	0.002	1.49	0.27	7.6	1	1.1	794	0.44	<0.05	6.8	0.185	0.68
M399987		470	9.3	71.2	0.002	1.26	0.24	6.8	1	0.9	958	0.39	0.05	5.9	0.154	0.57
M399988		500	8.7	62.5	0.002	1.22	0.19	5.6	1	0.8	892	0.36	<0.05	5.5	0.145	0.56
M399989		600	9.4	66.5	<0.002	1.06	0.19	6.0	1	0.9	776	0.39	<0.05	6.1	0.151	0.37
M399990		570	14.0	107.0	0.002	1.92	0.27	9.1	1	1.3	497	0.55	<0.05	9.8	0.252	0.58
M399991		550	16.6	122.0	0.002	2.00	0.29	10.4	1	1.5	441	0.63	<0.05	11.3	0.272	0.69
M399992		830	14.2	107.5	0.002	1.93	0.28	9.6	2	1.4	504	0.57	<0.05	9.8	0.245	0.78
M399993		680	14.1	115.5	<0.002	1.80	0.42	9.8	1	1.5	495	0.59	0.05	10.4	0.258	1.16
M399994		760	16.5	106.0	<0.002	1.87	1.01	9.8	1	1.4	454	0.57	<0.05	10.1	0.259	1.39
M399995		490	15.7	148.5	<0.002	0.14	0.24	18.0	1	2.3	146.0	0.87	0.05	15.2	0.417	0.62
M399996		480	12.1	155.5	<0.002	0.08	0.21	18.7	1	2.4	140.0	0.90	0.08	14.8	0.412	0.71
M399997		520	6.5	158.0	<0.002	0.05	0.20	18.0	1	2.3	114.5	0.95	0.07	15.4	0.408	0.68
M399998		700	16.7	124.5	<0.002	0.46	0.34	16.6	1	2.3	174.0	0.93	0.06	12.0	0.394	0.82
M399999		210	6.3	22.3	<0.002	0.14	0.20	1.9	1	0.4	1640	0.18	<0.05	2.5	0.051	0.13
M400000		120	3.4	9.1	<0.002	0.11	0.08	0.9	<1	0.2	933	0.11	<0.05	1.3	0.024	0.07
M400301		370	7.2	75.0	<0.002	2.40	7.78	8.8	1	1.3	694	0.45	0.06	5.2	0.263	9.25
M400302		160	1.1	1.0	<0.002	0.01	0.06	0.2	<1	<0.2	57.4	0.07	<0.05	0.3	<0.005	0.03
M400303		230	5.2	19.3	<0.002	0.15	0.11	2.0	1	0.3	803	0.18	<0.05	2.3	0.052	0.16
M400304		170	1.0	0.9	<0.002	0.01	<0.05	0.2	<1	<0.2	42.5	0.06	<0.05	0.3	<0.005	<0.02
M400305		190	5.3	15.3	<0.002	0.16	0.10	1.6	1	0.3	1160	0.16	<0.05	2.0	0.039	0.15

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133018

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M399906		10.9	39	0.7	9.4	16	49.1
M399907		9.4	72	1.3	13.5	26	80.5
M399908		8.4	45	0.8	10.9	21	66.5
M399909		9.4	33	0.8	10.2	11	43.9
M399910		10.2	13	0.3	5.3	20	18.9
M399911		8.9	40	0.7	9.2	40	50.8
M399912		7.5	52	0.8	11.2	22	60.1
M399913		5.9	63	0.9	13.4	40	76.4
M399914		6.9	46	1.0	10.5	56	53.0
M399979		2.9	53	1.0	14.7	60	71.2
M399980		2.6	44	0.9	13.2	49	65.1
M399981		2.4	76	5.6	16.7	47	65.0
M399982		2.7	37	0.8	11.2	51	48.3
M399983		1.9	29	0.8	10.7	36	41.4
M399984		1.8	27	0.6	8.7	39	36.0
M399985		2.1	38	0.8	10.9	46	48.2
M399986		2.2	42	0.9	13.9	57	50.1
M399987		1.9	33	0.7	12.1	43	44.2
M399988		2.1	30	0.7	8.9	34	40.3
M399989		2.0	30	0.7	11.3	41	47.6
M399990		2.5	52	1.1	14.5	63	64.4
M399991		2.8	56	1.1	16.0	62	71.9
M399992		2.7	50	1.0	16.9	64	67.3
M399993		2.7	53	1.2	15.9	67	75.9
M399994		2.5	54	1.1	17.6	82	68.7
M399995		2.5	92	1.5	20.8	93	111.5
M399996		2.0	92	1.6	20.1	100	105.0
M399997		2.2	86	1.5	21.7	95	107.5
M399998		3.4	86	1.6	17.2	105	82.9
M399999		17.4	19	0.3	4.5	36	18.1
M400000		11.7	10	0.2	3.1	27	7.2
M400301		2.1	74	4.8	15.8	46	59.5
M400302		0.7	2	0.2	0.7	16	<0.5
M400303		14.8	26	0.3	4.2	38	14.1
M400304		0.7	1	0.2	0.7	15	<0.5
M400305		15.2	18	0.3	3.9	34	12.7

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13133018

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21
WSH-21	WSH-22		

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE WH13136074

Project: Nadaleen
P.O. No.: 13-026
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136074

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M400307		11.02	<0.01	0.07	1.02	10	2490	0.41	0.05	31.1	0.20	15.55	2.3	7	2.74	12.4
M400308		10.76	<0.01	0.04	0.81	10	1180	0.31	0.04	30.8	0.18	13.85	1.9	4	2.18	10.1
M400309		11.13	<0.01	0.05	1.01	13	1970	0.34	0.04	31.6	0.14	15.55	2.2	6	2.40	8.8
M400310		10.06	<0.01	0.05	0.86	22	390	0.35	0.04	31.3	0.25	11.90	1.7	5	2.17	8.6
M400311		4.17	<0.01	0.05	0.86	18	320	0.35	0.03	30.9	0.23	11.40	1.7	10	2.04	8.4
M400312		11.04	<0.01	0.06	0.88	6	150	0.35	0.04	29.5	0.17	13.30	1.8	10	2.21	8.3
M400313		10.92	<0.01	0.05	1.11	21	220	0.40	0.04	28.9	0.12	16.75	1.9	12	2.84	6.9
M400314		11.15	<0.01	0.08	1.96	29	210	0.66	0.07	24.7	0.05	26.4	3.7	20	4.26	12.9
M400315		10.97	<0.01	0.10	3.61	95	800	1.19	0.10	10.90	0.05	44.1	5.8	38	9.41	23.7
M400316		10.97	<0.01	0.03	2.29	44	440	0.79	0.08	21.2	0.04	30.2	3.7	24	5.53	15.2
M400317		0.21	0.50	0.09	3.60	2550	200	0.85	0.14	18.40	0.12	37.5	11.1	43	9.94	42.7
M400318		10.95	<0.01	0.04	3.50	36	770	1.09	0.10	11.40	0.05	39.6	5.2	35	11.55	17.8
M400319		11.10	<0.01	0.03	1.94	39	610	0.73	0.07	22.2	0.05	26.9	3.7	19	6.35	13.1
M400320		11.35	<0.01	0.04	1.10	<5	1640	0.37	0.05	29.8	0.04	16.85	2.2	11	3.68	7.2
M400321		10.83	<0.01	0.03	0.93	<5	1300	0.35	0.05	30.3	0.03	14.10	1.8	9	2.71	6.5
M400322		7.02	<0.01	<0.01	0.04	<5	30	0.05	0.03	20.8	0.06	1.00	0.6	<1	0.08	1.5
M400323		11.48	<0.01	0.03	0.93	6	1640	0.35	0.04	31.3	0.02	13.60	1.8	9	2.82	6.4
M400324		11.34	<0.01	0.03	1.01	37	580	0.45	0.04	28.9	0.03	13.80	2.0	10	2.77	7.8
M400325		11.02	<0.01	0.03	1.36	16	400	0.53	0.05	27.8	0.03	16.95	2.5	13	3.27	9.1
M400326		9.69	<0.01	0.04	1.65	113	270	0.59	0.07	28.6	0.05	20.2	3.1	17	4.33	11.8
M400327		10.39	<0.01	0.02	0.38	104	130	0.19	0.03	33.3	0.15	6.19	1.0	4	0.92	4.1
M400328		0.21	2.56	0.17	3.66	5570	200	0.98	0.15	11.00	0.16	39.1	11.6	43	10.20	36.8
M400329		6.80	3.31	2.10	3.38	4740	130	0.91	0.11	19.90	0.24	34.5	6.7	39	6.94	28.9
M400330		10.93	0.15	0.21	2.66	521	100	0.79	0.08	19.25	0.07	33.3	5.3	26	4.37	15.0
M400331		11.30	0.02	0.06	2.45	237	200	0.91	0.08	20.6	0.07	29.8	4.3	24	4.47	16.1
M400332		12.01	<0.01	0.03	1.79	103	180	0.75	0.07	25.2	0.05	22.7	3.4	18	4.65	13.4
M400333		10.34	<0.01	0.06	2.44	156	220	0.88	0.08	23.9	0.06	29.5	4.4	22	8.28	15.4
M400334		6.89	<0.01	<0.01	0.05	<5	20	0.06	0.02	20.8	0.06	1.07	0.6	<1	0.12	1.7
M400335		9.96	<0.01	0.02	0.60	56	280	0.28	0.03	33.2	0.12	9.07	1.3	7	1.46	6.3
M400336		12.07	<0.01	0.05	1.40	154	500	0.57	0.05	28.0	0.06	16.30	2.4	14	3.82	10.2
M400337		11.64	<0.01	0.04	2.24	<5	390	0.79	0.06	25.1	0.09	26.0	4.3	22	8.07	13.6
M400338		<0.02	<0.01	0.05	2.15	<5	360	0.76	0.07	23.7	0.09	26.1	4.3	20	7.97	13.6
M400339		11.49	<0.01	0.05	2.14	<5	470	0.74	0.06	24.9	0.10	28.0	4.0	22	7.10	15.9
M400340		10.92	<0.01	0.04	2.27	42	870	0.82	0.06	24.3	0.07	27.8	4.1	24	6.58	14.3
M400341		11.49	<0.01	0.07	3.09	38	490	1.02	0.09	16.70	0.07	36.9	5.6	34	8.09	18.6
M400342		11.38	0.01	0.06	1.94	16	430	0.75	0.07	20.2	0.20	28.7	3.8	21	4.29	13.1

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136074

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M400307		0.47	3.14	0.11	0.7	0.07	0.010	0.57	9.0	5.9	0.73	84	0.73	0.01	2.0	5.4
M400308		0.41	2.37	0.12	0.5	0.08	0.005	0.45	8.4	4.9	0.60	81	0.37	0.01	1.6	4.2
M400309		0.47	2.85	0.14	0.6	0.09	0.010	0.55	9.1	7.1	0.63	80	0.58	0.01	2.0	5.0
M400310		0.44	2.35	0.12	0.5	0.09	0.007	0.48	7.0	5.6	0.72	77	0.58	0.01	1.5	3.6
M400311		0.43	2.17	0.06	0.5	0.1	<0.005	0.46	6.8	4.6	0.73	77	0.57	0.01	1.4	3.7
M400312		0.37	2.38	0.08	0.5	0.1	<0.005	0.47	7.9	5.5	0.57	74	0.45	0.01	1.6	4.1
M400313		0.47	2.69	0.07	0.7	0.10	<0.005	0.60	9.1	6.1	0.91	97	0.44	0.01	2.0	4.0
M400314		0.89	4.90	0.09	1.3	0.1	0.005	1.03	13.2	12.0	1.49	130	0.64	0.02	3.4	8.7
M400315		1.72	9.21	0.11	2.3	0.15	0.017	1.90	22.8	31.5	5.14	222	0.76	0.03	5.9	15.9
M400316		1.19	5.73	0.10	1.3	0.07	0.007	1.22	15.3	17.4	3.34	184	0.29	0.02	3.6	9.5
M400317		2.97	9.20	0.11	1.8	3.79	0.026	1.77	19.5	9.1	1.37	1180	1.51	0.02	5.9	24.2
M400318		1.54	8.44	0.12	2.4	0.07	0.014	1.96	20.5	31.3	5.76	237	0.70	0.04	5.6	12.9
M400319		1.03	5.20	0.10	1.1	0.1	<0.005	1.04	13.8	17.9	2.69	153	0.43	0.02	3.2	9.5
M400320		0.63	2.77	0.08	0.5	<0.1	<0.005	0.55	8.9	21.6	1.22	113	0.40	0.02	1.6	5.3
M400321		0.55	2.34	0.10	0.5	<0.1	<0.005	0.45	8.0	19.1	1.12	106	0.34	0.02	1.4	4.2
M400322		0.43	0.12	0.07	<0.1	<0.01	<0.005	0.02	0.5	1.0	12.25	192	<0.05	<0.01	0.1	1.3
M400323		0.55	2.32	0.07	0.4	0.04	<0.005	0.44	7.6	22.7	1.11	102	0.38	0.02	1.3	4.4
M400324		0.53	2.56	0.08	0.5	0.04	<0.005	0.46	7.9	22.3	1.02	98	0.31	0.02	1.5	4.7
M400325		0.65	3.31	0.09	0.6	0.04	<0.005	0.66	9.3	23.5	1.37	116	0.26	0.01	2.0	5.8
M400326		0.77	4.05	0.09	0.7	0.07	<0.005	0.83	10.8	19.6	1.35	125	0.30	0.01	2.4	7.3
M400327		0.27	0.97	0.08	0.1	0.3	<0.005	0.20	4.1	2.4	0.65	102	1.40	0.01	0.6	1.6
M400328		2.76	9.51	0.13	2.0	15.8	0.018	1.79	20.5	11.7	2.41	1100	1.77	0.02	5.7	25.2
M400329		1.35	8.47	0.12	1.6	5.29	0.009	1.78	19.7	17.8	1.67	349	0.89	0.02	5.4	16.4
M400330		1.27	6.76	0.10	1.6	1.68	0.010	1.38	17.2	14.1	3.27	232	0.76	0.02	4.4	12.6
M400331		1.20	6.13	0.11	1.4	0.5	0.008	1.31	15.4	14.3	3.28	196	0.43	0.02	3.9	10.7
M400332		0.85	4.73	0.09	0.9	0.07	<0.005	1.00	12.1	14.4	1.61	121	0.43	0.01	2.9	8.2
M400333		1.06	5.89	0.10	1.2	0.08	0.010	1.33	16.3	32.8	1.51	125	0.48	0.02	3.7	11.2
M400334		0.45	0.18	0.07	<0.1	<0.01	<0.005	0.02	0.5	1.1	12.25	199	0.14	0.01	0.1	1.4
M400335		0.40	1.49	0.08	0.3	<0.1	<0.005	0.30	5.6	10.6	0.66	96	0.27	0.01	0.9	2.8
M400336		0.69	3.40	0.08	0.6	0.05	<0.005	0.71	8.7	22.6	1.38	111	0.36	0.03	2.0	5.8
M400337		1.08	5.44	0.09	1.0	0.07	0.007	1.04	13.9	33.6	1.73	138	0.57	0.18	3.2	10.6
M400338		1.03	5.42	0.11	0.9	0.07	<0.005	0.97	14.0	34.4	1.64	126	0.57	0.17	3.2	10.8
M400339		1.05	5.34	0.10	1.0	0.08	<0.005	0.99	14.9	31.7	1.77	142	0.43	0.14	3.2	10.5
M400340		1.08	5.71	0.11	1.1	0.07	0.005	1.11	15.7	35.4	1.96	150	0.56	0.09	3.5	10.1
M400341		1.49	7.56	0.12	1.6	0.10	0.012	1.56	19.4	51.5	3.85	177	0.74	0.07	4.8	14.0
M400342		0.96	5.25	0.12	1.3	0.10	0.006	0.96	15.2	45.5	2.91	149	0.78	0.03	3.7	9.3

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS WH13136074

Sample Description	Method / Analyte / Units / LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M400307		230	8.4	22.3	<0.002	0.21	0.37	2.1	1	0.4	1375	0.15	<0.05	2.7	0.051	0.25
M400308		190	6.7	17.1	<0.002	0.17	0.20	1.6	1	0.3	1325	0.12	<0.05	2.1	0.042	0.23
M400309		250	8.4	20.5	<0.002	0.19	0.20	1.9	1	0.4	1335	0.15	<0.05	2.6	0.054	0.24
M400310		200	7.4	16.9	<0.002	0.10	0.15	1.5	<1	0.3	1340	0.11	<0.05	2.1	0.044	0.20
M400311		190	7.5	15.9	<0.002	0.11	0.21	1.5	1	0.3	1355	0.10	<0.05	1.7	0.042	0.17
M400312		210	7.7	17.3	0.002	0.11	0.23	1.6	1	0.3	1295	0.12	<0.05	2.0	0.044	0.20
M400313		220	6.8	20.6	<0.002	0.15	0.27	1.8	1	0.4	1360	0.15	<0.05	2.4	0.057	0.19
M400314		290	8.1	39.0	<0.002	0.24	0.32	3.2	1	0.7	1115	0.25	<0.05	4.2	0.099	0.34
M400315		400	8.7	76.3	<0.002	0.21	0.65	5.8	2	1.2	440	0.43	<0.05	7.5	0.175	0.46
M400316		260	5.5	49.1	<0.002	0.07	0.25	3.7	1	0.7	685	0.27	<0.05	4.5	0.109	0.31
M400317		380	8.5	76.0	0.002	2.63	8.77	9.0	2	1.3	740	0.41	<0.05	5.2	0.281	10.20
M400318		390	7.2	76.6	0.002	0.18	0.26	5.3	1	1.1	383	0.42	<0.05	7.3	0.175	0.57
M400319		240	5.6	49.7	<0.002	0.09	0.30	3.4	1	0.7	694	0.24	<0.05	4.1	0.092	0.31
M400320		150	4.1	27.6	<0.002	0.12	0.13	1.8	1	0.4	1280	0.12	<0.05	2.0	0.049	0.19
M400321		120	4.1	23.5	<0.002	0.10	0.11	1.5	<1	0.3	1295	0.10	<0.05	1.8	0.042	0.19
M400322		170	1.2	0.6	<0.002	<0.01	0.06	0.1	<1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	<0.02
M400323		120	3.7	23.6	<0.002	0.12	0.11	1.5	1	0.3	1350	0.10	<0.05	1.7	0.041	0.20
M400324		130	4.2	24.8	<0.002	0.08	0.20	1.7	1	0.3	1230	0.11	<0.05	1.9	0.043	0.27
M400325		150	4.7	32.3	0.002	0.07	0.14	2.2	<1	0.4	1165	0.14	<0.05	2.5	0.060	0.26
M400326		210	6.0	39.5	<0.002	0.09	1.07	2.6	1	0.5	1150	0.18	<0.05	3.2	0.075	0.46
M400327		70	3.9	7.7	<0.002	0.05	1.18	0.7	<1	<0.2	1225	<0.05	<0.05	0.7	0.017	0.80
M400328		440	10.7	78.5	0.003	2.58	21.0	9.8	1	1.5	319	0.41	<0.05	5.7	0.271	42.6
M400329		450	12.9	71.1	<0.002	1.00	39.3	5.3	1	1.1	1145	0.39	<0.05	6.6	0.161	18.70
M400330		320	8.2	55.0	<0.002	0.38	5.03	4.3	1	0.9	1055	0.32	<0.05	5.7	0.124	5.73
M400331		270	6.0	51.5	<0.002	0.16	1.54	3.9	1	0.8	767	0.27	<0.05	5.1	0.117	1.67
M400332		230	5.5	47.2	<0.002	0.09	0.81	3.0	1	0.6	839	0.21	<0.05	3.6	0.084	0.45
M400333		400	7.3	62.9	<0.002	0.18	0.80	3.8	2	0.8	882	0.28	<0.05	4.9	0.109	0.61
M400334		170	1.3	0.9	<0.002	<0.01	0.05	0.1	<1	<0.2	48.1	<0.05	<0.05	<0.2	<0.005	0.03
M400335		110	4.3	12.3	<0.002	0.05	0.18	1.0	1	0.2	1500	0.06	<0.05	1.1	0.026	0.15
M400336		190	5.7	30.9	<0.002	0.10	0.28	2.2	1	0.4	1435	0.14	<0.05	2.4	0.061	0.22
M400337		350	6.9	45.4	<0.002	0.21	0.21	3.5	1	0.6	1295	0.24	<0.05	4.1	0.098	0.22
M400338		340	6.8	45.1	<0.002	0.20	0.23	3.5	1	0.6	1225	0.23	<0.05	4.2	0.092	0.22
M400339		430	6.2	44.0	0.002	0.17	0.20	3.4	1	0.7	1160	0.24	<0.05	4.3	0.097	0.22
M400340		330	6.5	47.5	<0.002	0.18	0.19	3.7	1	0.7	1265	0.26	<0.05	4.5	0.109	0.24
M400341		410	8.4	66.9	<0.002	0.26	0.26	4.8	2	1.0	850	0.38	<0.05	6.3	0.146	0.36
M400342		310	8.1	44.7	<0.002	0.21	0.23	3.4	2	0.7	1035	0.27	<0.05	4.7	0.100	0.28

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136074

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M400307		15.1	20	0.3	5.2	35	22.0
M400308		15.4	15	0.2	4.6	42	16.0
M400309		14.6	21	0.2	5.0	25	20.4
M400310		12.4	18	0.2	4.0	29	15.8
M400311		11.9	16	0.2	3.8	30	15.3
M400312		11.9	17	0.2	4.4	27	16.6
M400313		10.2	18	0.2	5.2	27	24.0
M400314		11.2	31	0.4	7.7	29	41.9
M400315		7.5	66	0.7	12.0	37	78.4
M400316		7.8	39	0.4	8.8	24	46.9
M400317		2.2	75	5.0	15.9	48	63.7
M400318		5.6	57	0.6	11.7	30	81.0
M400319		9.1	30	0.4	7.6	23	39.2
M400320		12.9	17	0.2	5.0	18	17.4
M400321		13.9	17	0.2	4.4	14	15.2
M400322		0.7	1	0.1	0.7	13	<0.5
M400323		12.9	14	0.2	4.1	17	14.2
M400324		13.1	16	0.2	4.4	17	16.4
M400325		12.4	23	0.2	4.9	19	20.7
M400326		12.3	26	0.4	5.9	25	25.0
M400327		12.6	9	0.2	2.5	15	5.6
M400328		6.3	80	7.1	17.3	43	65.3
M400329		20.2	58	2.3	9.8	51	56.0
M400330		9.4	45	1.6	9.5	37	55.0
M400331		7.7	37	1.3	8.9	27	50.6
M400332		10.5	27	0.3	6.6	24	31.7
M400333		11.7	33	0.5	8.9	28	42.4
M400334		0.5	1	0.2	0.7	13	<0.5
M400335		11.7	12	0.1	3.2	19	9.2
M400336		13.2	24	0.2	4.6	23	20.8
M400337		12.2	36	0.4	7.1	34	33.4
M400338		12.1	34	0.4	7.1	34	33.5
M400339		11.6	35	0.4	8.4	36	34.7
M400340		10.9	39	0.4	8.1	33	38.4
M400341		7.3	45	0.5	10.3	39	56.1
M400342		9.1	32	0.4	8.2	37	44.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136074

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2013
Account: RCM

CERTIFICATE WH13125272

Project: NADALEEN
P.O. No.: 13-027
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125272

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M397796		4.41	<0.01	0.19	5.44	214	450	1.81	0.27	9.96	0.05	50.9	21.7	43	21.8	27.6
M397797		4.18	0.13	0.08	6.48	381	440	2.31	0.28	6.48	0.06	66.4	12.4	52	29.3	35.3
M397798		0.26	2.60	0.17	3.49	5740	190	0.75	0.13	11.30	0.15	34.6	10.7	42	9.45	35.4
M397799		7.06	7.61	0.13	3.22	5820	310	0.96	0.16	8.46	0.35	32.5	7.2	26	11.55	16.8
M397800		8.26	0.17	0.02	0.39	2340	120	0.19	0.02	18.50	0.03	8.08	1.1	5	0.88	5.0
M397801		5.73	0.44	0.01	0.79	2810	60	0.32	0.04	17.60	0.06	12.80	1.3	6	1.98	7.3
M397802		5.99	0.49	0.02	2.18	6530	270	0.73	0.07	14.70	0.09	24.2	2.4	17	5.84	7.5
M397803		4.94	<0.01	<0.01	0.04	11	140	0.06	0.02	20.9	0.06	0.95	0.7	1	0.14	2.4
M397804		4.78	0.01	0.01	6.80	919	380	2.54	0.26	4.42	0.04	66.1	7.4	60	29.9	22.6
M397805		8.12	<0.01	0.05	5.42	85	330	1.68	0.28	11.35	0.05	54.4	8.5	42	24.0	14.6
M397806		8.15	<0.01	0.07	4.70	1100	300	1.35	0.19	13.05	0.11	44.9	8.4	37	12.35	21.6
M397807		7.83	0.04	0.07	4.59	1620	290	1.37	0.22	13.05	0.08	45.8	10.0	34	13.35	15.3
M397808		3.07	0.04	0.06	4.43	2260	280	1.35	0.20	12.85	0.09	43.5	7.4	34	12.90	14.6
M397809		7.81	0.01	0.06	3.25	200	240	1.11	0.15	19.15	0.03	33.5	6.5	26	10.95	11.9
M397810		8.29	<0.01	0.07	4.91	163	360	1.74	0.20	12.05	0.05	49.2	7.5	37	19.75	16.6
M397811		8.01	0.03	0.19	0.56	379	70	0.20	0.04	19.10	0.16	13.30	7.4	5	1.62	18.4
M397812		8.24	0.03	0.02	0.31	305	30	0.14	0.02	20.5	0.02	8.72	1.3	7	0.51	5.1
M397813		7.77	0.07	0.03	0.95	773	100	0.42	0.04	18.30	0.08	14.70	1.5	8	2.28	5.2
M397814		7.92	0.02	0.05	0.40	71	40	0.23	0.02	20.4	0.07	7.23	1.2	4	0.92	5.4
M397815		7.88	0.03	0.11	0.53	116	40	0.28	0.03	19.60	1.07	10.50	1.8	6	1.68	8.3
M397816		8.11	0.03	0.06	0.48	173	40	0.32	0.02	20.1	0.03	7.12	1.3	4	1.39	4.9
M397817		7.96	<0.01	0.07	0.69	28	30	0.41	0.03	19.55	0.03	8.81	1.6	7	2.22	7.2
M397818		8.08	<0.01	0.08	0.74	27	40	0.43	0.03	19.50	0.05	8.29	2.2	7	2.90	6.5
M397819		7.66	0.01	0.08	0.81	44	50	0.46	0.03	20.7	0.05	8.75	2.4	7	2.45	9.9
M397820		4.77	0.03	0.09	0.70	89	30	0.32	0.03	19.05	0.54	10.60	2.0	9	2.18	9.5
M397821		0.24	0.51	0.10	3.51	2470	200	0.90	0.15	18.10	0.15	39.0	10.8	42	10.15	43.6
M397822		5.26	0.02	0.04	1.53	1080	50	0.67	0.05	17.10	0.31	21.8	3.3	15	6.14	13.5
M397823		5.40	0.01	0.02	0.84	1360	30	0.42	0.03	18.20	0.03	14.05	2.1	8	3.08	6.2
M397824		<0.02	0.01	0.02	0.92	1420	30	0.42	0.04	18.00	0.03	14.40	2.2	8	3.42	6.4
M397825		7.93	0.06	0.18	1.20	1760	50	0.53	0.04	17.85	0.09	16.15	2.6	14	4.02	13.1
M397826		7.89	0.02	0.09	0.64	9330	270	0.33	0.03	18.00	0.05	11.00	2.0	10	1.66	7.7
M397827		8.24	<0.01	0.10	1.23	>10000	560	0.53	0.04	17.15	0.06	18.40	2.5	14	4.10	8.2
M397828		7.76	0.01	0.15	2.26	261	80	0.90	0.06	16.20	0.38	30.4	4.5	22	9.72	20.4
M397829		5.03	<0.01	0.01	0.05	14	30	0.08	0.03	20.8	0.08	1.14	0.9	1	0.37	2.3
M397830		8.08	<0.01	0.10	0.69	41	180	0.34	0.03	19.75	0.21	11.10	1.9	7	2.79	8.3
M397831		7.98	0.01	0.05	0.33	55	20	0.21	0.01	20.3	0.05	6.48	1.1	4	1.03	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125272

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M397796		2.23	13.85	0.17	2.3	0.86	0.047	3.05	26.3	12.2	2.60	377	0.54	0.04	8.2	35.1
M397797		3.47	17.10	0.17	2.7	9.31	0.053	3.56	32.9	20.0	3.14	374	0.41	0.04	10.9	29.6
M397798		2.68	9.22	0.14	1.7	15.6	0.034	1.73	16.8	10.3	2.41	1100	1.77	0.02	5.5	24.9
M397799		3.11	8.44	0.13	1.4	39.7	0.034	1.70	16.3	13.1	4.37	1200	0.63	0.02	4.9	16.8
M397800		0.69	1.11	0.08	0.3	1.08	0.007	0.20	3.8	2.4	10.70	616	0.27	0.01	0.6	2.6
M397801		0.60	2.02	0.09	0.6	2.60	0.006	0.41	6.0	4.2	10.40	489	0.21	0.01	1.4	3.0
M397802		0.95	5.61	0.12	1.3	6.66	0.015	1.16	12.2	7.4	8.30	964	0.35	0.02	3.7	6.3
M397803		0.47	0.17	0.08	<0.1	0.01	<0.005	0.02	<0.5	0.8	12.65	205	0.10	0.01	0.1	1.6
M397804		2.86	18.00	0.19	3.0	8.75	0.064	3.91	32.4	17.1	1.92	385	0.26	0.03	12.0	24.3
M397805		2.22	14.00	0.18	2.3	0.62	0.047	3.05	27.4	12.0	2.49	444	0.30	0.03	8.4	21.5
M397806		1.95	11.95	0.14	2.0	2.82	0.035	2.59	22.9	10.7	3.45	478	0.38	0.03	7.0	19.4
M397807		2.02	11.60	0.15	1.9	24.2	0.039	2.52	23.1	12.0	3.82	736	0.76	0.03	6.8	19.8
M397808		1.88	11.35	0.15	1.9	26.3	0.040	2.44	22.3	11.9	3.99	741	0.33	0.03	6.6	17.3
M397809		2.22	8.32	0.14	1.4	2.29	0.031	1.77	16.8	9.9	3.80	559	0.33	0.02	5.0	13.7
M397810		2.02	12.40	0.15	2.1	0.75	0.041	2.72	25.2	16.6	4.87	392	0.46	0.03	7.2	17.2
M397811		3.55	1.61	0.06	0.3	4.12	0.012	0.29	7.1	2.6	10.70	655	0.21	0.01	0.9	23.8
M397812		0.80	0.85	0.10	0.3	0.92	0.006	0.16	4.4	2.4	11.90	632	0.19	0.01	0.5	3.3
M397813		0.99	2.41	0.11	0.7	2.0	0.010	0.50	7.3	4.2	10.15	647	0.24	0.02	1.6	4.0
M397814		1.05	1.08	0.10	0.2	0.7	0.008	0.20	3.9	2.0	11.05	700	0.25	0.01	0.7	3.6
M397815		1.16	1.54	0.12	0.2	1.5	0.007	0.28	5.8	3.3	10.75	735	0.53	0.01	0.9	5.0
M397816		0.74	1.29	0.09	0.2	1.9	<0.005	0.24	4.0	2.9	11.20	455	0.41	0.01	0.8	3.4
M397817		0.43	1.78	0.11	0.4	0.5	0.006	0.37	4.6	4.0	11.25	178	0.51	0.01	1.2	3.7
M397818		0.44	1.98	0.11	0.4	0.42	0.005	0.39	4.3	5.0	10.80	202	0.52	0.01	1.3	5.5
M397819		0.60	2.15	0.11	0.4	0.98	0.006	0.43	4.5	4.4	10.45	269	0.58	0.01	1.4	6.5
M397820		0.66	1.90	0.12	0.4	9.94	0.007	0.37	5.3	3.2	10.95	429	0.73	0.01	1.2	5.0
M397821		2.92	9.83	0.11	1.9	3.34	0.040	1.70	19.2	10.5	1.37	1140	1.79	0.02	6.4	24.4
M397822		0.88	4.47	0.06	1.3	4.16	0.016	0.96	12.1	9.5	10.10	377	0.38	0.01	2.9	6.0
M397823		0.54	2.40	0.06	0.6	2.50	0.010	0.50	8.1	5.2	11.10	387	0.34	0.01	1.6	2.8
M397824		0.56	2.56	0.05	0.7	3.20	0.009	0.51	8.3	5.4	10.75	375	0.28	0.01	1.7	3.1
M397825		0.53	3.39	0.07	0.7	2.56	0.011	0.62	9.7	6.3	10.60	474	0.30	0.01	2.2	5.1
M397826		0.47	1.83	0.06	0.5	5.69	0.014	0.33	6.6	3.1	10.60	461	0.47	0.01	1.4	3.8
M397827		0.52	3.38	0.07	1.0	3.78	0.033	0.64	10.1	6.8	10.25	265	0.83	0.01	2.4	5.5
M397828		0.79	6.22	0.07	1.4	1.78	0.021	1.21	16.6	14.5	9.89	173	1.54	0.02	4.2	11.6
M397829		0.47	0.21	0.07	<0.1	0.01	<0.005	0.17	0.5	1.0	12.60	209	0.08	<0.01	0.2	1.1
M397830		0.79	1.86	0.06	0.5	0.68	0.006	0.42	6.8	4.2	11.80	152	0.60	0.01	1.3	4.5
M397831		0.32	0.87	0.06	0.3	0.39	<0.005	0.19	3.9	2.1	12.20	164	0.49	0.01	0.7	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125272

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397796		730	24.9	105.5	0.003	0.68	0.90	9.5	1	1.6	227	0.62	0.08	8.5	0.281	2.43
M397797		670	16.0	125.0	<0.002	1.90	0.63	11.7	2	1.9	107.5	0.78	0.09	11.4	0.342	8.26
M397798		420	10.6	72.2	0.002	2.40	20.1	8.7	2	1.4	293	0.42	<0.05	4.9	0.255	37.3
M397799		780	13.2	59.2	<0.002	2.65	4.29	6.1	1	1.3	134.0	0.36	0.06	5.1	0.165	90.1
M397800		600	3.8	5.9	<0.002	0.35	0.54	0.8	1	0.2	111.0	0.05	<0.05	0.7	0.018	2.11
M397801		520	4.4	12.4	<0.002	0.59	0.49	1.3	<1	0.3	88.2	0.10	<0.05	1.7	0.043	4.61
M397802		590	5.7	37.7	<0.002	0.80	1.05	3.7	1	0.6	117.5	0.28	<0.05	3.9	0.113	12.80
M397803		170	1.4	0.8	<0.002	0.02	<0.05	0.1	<1	<0.2	48.7	<0.05	<0.05	<0.2	<0.005	0.16
M397804		930	6.7	131.5	<0.002	1.15	0.38	14.7	1	2.2	102.5	0.84	0.05	11.0	0.400	15.60
M397805		880	8.6	110.5	<0.002	0.45	0.47	10.1	1	1.6	229	0.65	0.05	8.4	0.296	1.89
M397806		740	8.6	85.0	0.002	0.40	4.18	8.1	1	1.4	283	0.52	0.06	7.1	0.242	3.88
M397807		960	10.7	86.8	0.002	0.75	1.84	7.9	1	1.4	176.5	0.52	0.06	7.1	0.233	41.4
M397808		830	7.8	86.1	<0.002	0.65	1.81	7.8	1	1.3	165.5	0.48	<0.05	6.8	0.222	44.1
M397809		600	6.0	64.7	<0.002	0.30	0.29	6.0	1	1.0	414	0.37	0.07	5.0	0.163	2.86
M397810		830	9.5	89.6	<0.002	0.90	0.73	8.2	1	1.5	193.0	0.54	0.06	7.7	0.246	2.01
M397811		690	32.2	9.4	<0.002	3.37	5.37	1.4	1	0.3	81.5	0.07	<0.05	1.1	0.029	12.95
M397812		470	3.4	4.6	<0.002	0.24	0.52	0.6	<1	0.3	83.9	0.05	<0.05	0.7	0.017	1.93
M397813		380	6.9	13.8	<0.002	0.42	0.45	1.5	1	0.3	100.0	0.12	<0.05	1.9	0.049	3.13
M397814		120	7.2	5.5	<0.002	0.29	0.21	0.7	1	0.2	108.5	0.05	<0.05	0.7	0.019	1.47
M397815		160	16.0	7.9	<0.002	0.38	0.84	0.9	1	0.2	86.2	0.07	<0.05	1.0	0.025	2.20
M397816		110	7.8	7.0	<0.002	0.32	0.22	0.8	1	0.2	89.5	0.06	<0.05	0.8	0.023	2.97
M397817		140	5.2	10.1	0.002	0.25	0.13	1.1	1	0.3	94.2	0.09	<0.05	1.3	0.034	0.91
M397818		140	6.1	11.0	0.003	0.21	0.15	1.2	1	0.3	105.0	0.09	<0.05	1.3	0.036	0.83
M397819		170	7.5	12.0	0.004	0.29	0.41	1.4	1	0.3	133.5	0.11	<0.05	1.4	0.039	1.96
M397820		190	7.6	10.9	0.002	0.37	0.58	1.3	1	0.3	105.0	0.09	<0.05	1.4	0.035	5.44
M397821		370	8.7	82.2	0.002	2.51	8.21	9.7	1	1.5	685	0.44	0.06	5.7	0.263	10.80
M397822		270	7.6	39.9	<0.002	0.70	0.23	2.9	1	0.6	75.2	0.21	<0.05	3.8	0.078	7.11
M397823		150	4.7	20.1	<0.002	0.47	0.15	1.7	1	0.4	67.6	0.11	<0.05	1.9	0.042	3.51
M397824		160	5.0	18.9	<0.002	0.49	0.15	1.7	1	0.4	66.1	0.12	<0.05	2.2	0.047	3.87
M397825		290	6.2	21.6	<0.002	0.47	0.19	2.2	1	0.4	80.7	0.15	<0.05	2.6	0.057	4.62
M397826		140	6.4	11.1	<0.002	0.95	1.02	1.3	1	0.3	90.4	0.10	<0.05	1.6	0.035	7.36
M397827		240	8.5	21.8	<0.002	2.25	2.85	2.3	1	0.5	83.9	0.18	<0.05	3.1	0.063	5.26
M397828		620	14.3	41.9	<0.002	0.63	0.33	3.9	2	0.9	85.2	0.30	<0.05	5.4	0.112	2.51
M397829		160	1.4	11.3	<0.002	0.01	<0.05	0.2	<1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	0.02
M397830		260	11.4	15.7	<0.002	0.84	0.29	1.2	1	0.3	88.3	0.09	<0.05	1.6	0.034	1.53
M397831		100	6.8	6.9	<0.002	0.27	0.12	0.6	1	0.2	79.8	<0.05	<0.05	0.8	0.016	0.70

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125272

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M397796		9.9	80	3.0	17.3	20	89.9	
M397797		3.9	89	6.8	18.9	21	108.5	
M397798		5.5	77	7.3	16.3	45	62.8	
M397799		5.3	46	3.8	11.2	116	55.3	
M397800		3.7	7	0.5	4.8	4	10.2	
M397801		7.9	14	1.2	5.5	10	23.5	
M397802		6.0	29	3.0	8.9	21	53.9	
M397803		0.7	1	0.1	0.7	17	<0.5	
M397804		2.8	98	7.6	22.8	25	113.5	
M397805		2.9	77	2.6	18.7	20	90.7	
M397806		4.2	67	5.3	14.9	21	76.1	
M397807		5.0	68	6.2	16.2	19	73.3	
M397808		4.8	66	6.0	15.8	19	72.3	
M397809		6.3	47	3.6	12.0	14	54.8	
M397810		4.9	70	3.9	15.6	18	77.9	
M397811		2.5	7	0.7	6.4	38	10.3	
M397812		4.3	6	0.4	4.0	2	9.1	
M397813		7.2	18	1.1	5.5	12	31.9	
M397814		11.9	9	0.5	2.7	17	7.5	
M397815		19.9	15	0.9	3.4	169	8.1	
M397816		14.6	12	0.8	2.5	5	8.2	
M397817		15.9	16	0.7	3.2	7	17.0	
M397818		19.4	12	0.6	2.8	8	13.9	
M397819		21.8	14	1.0	3.4	9	13.8	
M397820		15.4	17	0.9	3.9	119	14.7	
M397821		2.4	72	5.4	16.1	46	67.6	
M397822		9.5	26	2.1	7.7	68	46.3	
M397823		6.9	18	1.3	4.9	3	23.2	
M397824		7.3	18	1.5	5.1	2	25.3	
M397825		13.9	32	1.9	5.6	15	25.1	
M397826		14.6	18	1.6	4.0	7	19.3	
M397827		14.4	24	2.4	5.9	9	35.3	2.60
M397828		17.5	37	2.9	10.3	85	52.3	
M397829		0.7	2	0.1	0.7	17	<0.5	
M397830		16.6	15	0.8	4.3	43	16.9	
M397831		13.7	9	0.5	2.6	8	11.3	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13125272

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU- 31	CRU- QC	LOG- 22	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2013
Account: RCM

CERTIFICATE WH13135030

Project: Nadaleen
P.O. No.: 13- 028
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- JUL- 2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 31	Fine crushing - 70%<2mm
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135030

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 5	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M397832		8.02	<0.01	0.07	0.72	29	40	0.47	0.03	19.50	0.13	11.20	2.2	9	2.88	5.7
M397833		7.60	<0.01	0.11	0.81	32	40	0.41	0.03	19.00	0.08	11.60	2.2	10	2.56	6.1
M397834		7.83	<0.01	0.08	0.43	3100	20	0.29	0.02	19.60	0.02	7.21	1.7	5	1.30	3.8
M397835		<0.02	<0.01	0.07	0.44	3390	20	0.28	0.02	20.2	0.03	7.13	1.7	5	1.30	4.2
M397836		7.67	0.13	0.09	0.76	5450	40	0.36	0.03	19.35	0.04	12.10	2.3	8	1.79	6.2
M397837		7.77	0.01	0.07	0.69	441	40	0.34	0.03	20.1	0.03	9.99	2.2	6	2.02	5.3
M397838		7.81	0.16	0.09	0.87	451	50	0.41	0.03	19.15	0.03	12.05	2.3	9	2.27	6.4
M397839		7.43	0.49	0.17	1.45	3080	70	0.54	0.05	17.25	0.04	16.05	3.4	15	4.03	11.5
M397840		7.98	0.18	0.16	1.14	741	50	0.39	0.05	17.50	0.10	15.00	2.9	12	2.97	10.1
M397841		7.77	0.22	0.20	1.85	1140	140	0.55	0.05	15.45	0.62	23.9	3.6	20	5.31	12.8
M397842		7.76	0.05	0.19	2.42	1000	90	0.80	0.07	12.05	0.09	29.4	3.7	26	8.73	19.5
M397843		3.33	0.05	0.16	2.44	748	90	0.80	0.06	12.45	0.06	29.9	3.7	26	8.75	18.2
M397844		8.23	0.03	0.67	0.96	63	60	0.27	0.04	15.95	0.07	19.20	3.4	16	3.17	10.0
M397845		7.88	<0.01	0.07	1.26	82	40	0.54	0.04	18.10	0.08	19.20	2.6	13	5.70	9.5
M397846		5.42	0.05	0.06	2.07	258	70	0.81	0.06	15.70	0.02	20.8	3.5	21	10.30	13.4
M397847		0.26	2.61	0.19	3.60	5770	190	0.86	0.13	11.80	0.14	37.2	12.3	40	10.45	37.6
M397848		9.58	0.10	0.07	0.96	4030	30	0.35	0.04	18.35	0.03	15.40	2.4	11	3.48	7.7
M397849		5.56	0.22	0.08	1.11	1700	40	0.46	0.04	17.95	0.02	16.75	2.6	11	2.67	8.7
M397850		4.81	0.10	0.05	0.90	694	60	0.45	0.03	19.05	0.02	14.35	1.7	9	2.35	6.4
M397851		5.01	<0.01	0.02	0.05	5	20	0.06	0.03	20.2	0.06	1.08	0.7	1	0.37	2.0
M397852		6.46	<0.01	0.08	1.14	58	40	0.58	0.04	18.90	<0.02	15.80	2.2	12	4.13	7.9
M397853		7.98	0.04	0.07	1.20	315	40	0.59	0.04	18.20	0.02	16.85	2.1	14	4.10	8.5
M397854		8.05	0.08	0.15	1.09	285	30	0.47	0.04	18.50	0.02	15.15	2.8	12	3.26	8.9
M397855		8.18	<0.01	0.05	0.78	22	80	0.33	0.03	18.35	0.10	10.95	1.7	9	3.24	6.1
M397856		7.16	<0.01	0.05	1.09	13	80	0.46	0.04	29.2	0.20	16.55	2.2	12	6.45	7.1
M397857		6.83	<0.01	0.04	1.17	7	90	0.46	0.04	28.3	0.12	20.4	2.6	13	7.99	10.1
M397858		7.91	<0.01	0.07	2.25	24	140	0.82	0.07	22.9	0.10	27.1	5.6	21	16.80	17.3
M397859		7.87	<0.01	0.07	2.65	9	190	1.00	0.06	16.55	0.10	32.3	5.9	28	24.2	13.0
M397860		7.24	<0.01	0.03	2.18	8	870	0.80	0.06	21.8	0.06	30.4	3.2	20	13.30	16.7
M397861		0.26	0.50	0.10	3.76	2580	220	1.02	0.15	19.60	0.14	41.7	11.5	41	10.20	43.9
M397862		8.23	0.01	0.06	3.03	25	280	1.01	0.08	15.00	0.05	36.3	5.2	29	16.65	13.1
M397863		7.59	<0.01	0.04	3.24	24	230	1.15	0.10	21.7	0.05	41.2	4.1	30	17.95	9.9
M397864		8.32	<0.01	0.06	3.95	57	490	1.29	0.09	15.15	0.04	44.8	6.4	35	27.1	22.9
M397865		4.98	<0.01	0.01	0.06	<5	30	0.05	0.03	21.1	0.07	1.15	0.7	1	0.19	2.0
M397866		8.70	0.01	0.08	2.11	6	960	0.71	0.07	28.1	0.16	26.1	4.0	21	9.79	13.7
M397867		5.88	<0.01	0.04	3.40	6	180	0.94	0.15	20.9	0.02	47.9	5.0	32	4.63	13.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135030

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M397832		0.41	2.15	0.15	0.6	0.81	0.007	0.37	6.4	5.3	11.80	140	0.46	0.01	1.5	2.5
M397833		0.44	2.44	0.19	0.6	0.59	0.006	0.39	6.7	5.7	11.55	199	0.53	0.02	1.7	3.2
M397834		0.31	1.42	0.25	0.3	0.62	0.007	0.21	4.2	3.4	11.90	160	0.39	0.01	1.0	2.4
M397835		0.32	1.41	0.25	0.3	0.61	0.007	0.21	4.2	3.2	12.25	165	0.40	0.01	1.0	2.4
M397836		0.43	2.39	0.21	0.6	2.35	0.012	0.36	6.6	5.3	11.35	509	0.54	0.01	1.6	3.9
M397837		0.40	2.11	0.23	0.4	0.52	0.007	0.34	5.9	5.1	12.15	224	0.53	0.01	1.4	3.4
M397838		0.80	2.67	0.15	0.6	0.91	0.008	0.45	6.8	6.0	10.70	1520	0.68	0.01	1.7	4.5
M397839		1.76	4.19	0.12	0.9	2.44	0.015	0.73	9.0	8.5	9.88	2060	1.02	0.01	2.8	7.2
M397840		1.57	3.39	0.12	0.6	1.62	0.011	0.58	8.5	6.3	10.05	755	1.17	0.01	2.3	6.2
M397841		1.48	5.42	0.12	1.4	2.17	0.016	0.91	13.1	10.1	8.90	704	1.29	0.01	3.9	8.0
M397842		1.08	7.05	0.14	1.9	1.71	0.020	1.27	15.8	12.3	6.84	463	1.17	0.02	5.3	8.9
M397843		1.13	6.99	0.14	1.8	1.42	0.018	1.28	15.9	12.9	7.20	454	1.10	0.02	5.1	8.5
M397844		0.85	2.69	0.14	0.8	1.18	0.008	0.48	11.0	4.4	9.40	301	2.11	0.01	2.3	7.9
M397845		0.79	3.71	0.17	0.8	0.37	0.011	0.67	11.3	7.0	10.80	293	0.76	0.01	2.5	4.6
M397846		1.01	5.87	0.14	1.5	1.41	0.017	1.11	11.2	10.2	8.92	442	1.06	0.01	3.9	7.2
M397847		2.69	10.50	0.15	1.9	14.3	0.038	1.72	19.2	11.8	2.50	1100	1.72	0.01	6.3	25.4
M397848		0.95	2.82	0.13	0.6	3.63	0.015	0.50	8.8	4.8	10.85	515	0.89	0.01	1.9	5.1
M397849		1.07	2.80	0.08	0.7	3.55	0.011	0.56	8.2	5.8	10.45	722	0.58	0.01	1.7	7.4
M397850		0.78	2.27	0.07	0.5	1.67	0.008	0.46	7.3	5.2	11.10	612	0.39	0.01	1.4	5.0
M397851		0.44	0.19	0.11	<0.1	0.01	<0.005	0.02	0.5	1.2	12.40	196	0.11	<0.01	0.2	2.0
M397852		0.92	3.06	0.09	0.8	0.92	0.009	0.60	7.9	6.7	10.90	345	0.54	0.01	1.9	6.3
M397853		0.72	3.12	0.13	0.8	1.50	0.011	0.63	8.4	6.4	10.70	350	0.78	0.01	1.9	5.4
M397854		1.02	2.66	0.11	0.6	2.06	0.006	0.57	7.5	5.1	10.55	463	1.11	0.01	1.7	7.5
M397855		1.08	1.90	0.09	0.6	0.26	<0.005	0.42	5.6	4.1	10.05	416	0.64	0.01	1.2	4.6
M397856		0.50	2.89	0.11	0.7	0.11	0.007	0.62	8.4	6.5	2.32	140	0.74	0.01	1.9	6.1
M397857		0.47	3.02	0.10	0.8	0.08	0.008	0.67	10.0	6.8	1.76	131	0.56	0.01	2.1	6.4
M397858		0.92	5.96	0.14	1.4	0.09	0.017	1.31	13.8	11.9	3.03	161	0.67	0.02	3.5	10.9
M397859		1.19	7.04	0.14	1.8	0.08	0.016	1.63	15.9	15.7	4.24	202	0.81	0.03	4.3	13.1
M397860		1.12	5.60	0.13	1.4	0.06	0.015	1.35	18.1	12.2	3.82	198	0.57	0.02	3.3	8.3
M397861		3.06	9.85	0.12	2.0	3.65	0.032	1.80	19.6	11.3	1.52	1200	1.66	0.02	6.3	25.6
M397862		1.47	7.95	0.12	1.8	0.09	0.023	1.83	18.6	17.2	4.71	221	0.63	0.03	4.9	12.5
M397863		1.13	8.65	0.15	1.4	0.11	0.022	1.89	21.7	17.4	1.92	191	0.43	0.02	5.0	13.1
M397864		1.43	9.86	0.15	2.0	0.13	0.022	2.43	21.9	25.0	2.85	250	0.54	0.03	5.5	17.1
M397865		0.47	0.19	0.12	<0.1	<0.01	<0.005	0.02	0.5	1.2	12.95	206	0.11	<0.01	0.1	1.8
M397866		0.89	5.50	0.17	0.7	0.15	0.014	1.21	13.9	10.2	1.35	195	0.66	0.01	3.0	12.0
M397867		1.56	8.09	0.16	1.8	0.04	0.022	1.65	22.6	21.7	0.58	289	0.17	0.03	5.7	12.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135030

Sample Description / Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397832	160	8.1	12.6	<0.002	0.30	0.13	1.5	1	0.3	81.0	0.10	<0.05	1.8	0.035	1.01
M397833	190	8.1	13.5	<0.002	0.31	0.14	1.6	2	0.3	83.9	0.11	<0.05	1.9	0.039	0.95
M397834	120	7.6	7.3	<0.002	0.42	0.16	0.9	2	0.2	76.0	0.06	<0.05	1.0	0.020	1.33
M397835	120	7.6	7.4	<0.002	0.44	0.16	0.9	2	0.2	76.9	0.06	<0.05	1.0	0.021	1.36
M397836	160	9.5	13.6	<0.002	0.61	0.82	1.7	2	0.3	89.5	0.10	<0.05	1.8	0.036	5.07
M397837	150	7.7	12.0	<0.002	0.32	0.48	1.4	2	0.2	81.4	0.10	<0.05	1.6	0.033	1.31
M397838	190	8.0	15.6	<0.002	0.36	0.80	1.7	2	0.3	92.7	0.12	<0.05	2.1	0.042	2.01
M397839	270	15.2	26.3	0.002	1.13	3.51	2.8	2	0.5	86.6	0.19	<0.05	3.2	0.067	5.95
M397840	240	14.1	20.6	0.002	0.71	1.64	2.2	2	0.5	70.1	0.15	<0.05	2.6	0.054	3.46
M397841	480	12.9	32.4	<0.002	0.58	1.39	3.3	2	0.7	77.2	0.26	<0.05	4.5	0.093	4.08
M397842	700	11.0	45.2	<0.002	0.56	1.00	4.5	2	0.9	68.4	0.36	<0.05	6.0	0.122	2.02
M397843	690	10.7	45.2	<0.002	0.57	0.84	4.4	2	0.8	70.1	0.35	<0.05	5.9	0.121	1.93
M397844	670	14.6	16.2	<0.002	0.52	0.50	1.9	2	0.4	75.7	0.16	<0.05	3.0	0.054	2.35
M397845	290	6.2	23.1	<0.002	0.30	0.17	2.4	2	0.4	78.1	0.17	<0.05	2.9	0.059	1.12
M397846	320	8.1	37.9	<0.002	0.40	0.41	3.8	2	0.7	76.1	0.28	<0.05	5.0	0.099	3.36
M397847	420	11.0	79.8	0.002	2.42	21.9	10.8	2	1.5	288	0.44	<0.05	6.1	0.254	42.0
M397848	230	7.8	17.7	0.002	0.55	1.00	1.9	2	0.4	70.0	0.13	<0.05	2.3	0.046	7.31
M397849	220	10.5	17.6	<0.002	0.45	1.25	2.0	1	0.4	85.9	0.13	<0.05	2.4	0.052	7.71
M397850	180	7.0	14.4	<0.002	0.28	0.70	1.6	1	0.3	81.3	0.10	<0.05	1.8	0.042	3.56
M397851	180	1.5	1.7	<0.002	0.01	0.05	0.2	<1	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	0.03
M397852	230	8.5	18.5	<0.002	0.28	0.19	2.1	1	0.4	73.2	0.14	<0.05	2.5	0.055	1.78
M397853	290	6.0	19.8	<0.002	0.29	0.24	2.2	1	0.4	78.4	0.14	<0.05	2.6	0.058	2.25
M397854	240	11.6	17.7	<0.002	0.51	0.53	1.9	1	0.4	70.5	0.13	<0.05	2.1	0.051	3.83
M397855	150	8.1	12.4	<0.002	0.27	0.20	1.3	1	0.3	74.0	0.09	<0.05	1.6	0.037	0.64
M397856	210	6.0	20.1	<0.002	0.18	0.19	1.9	1	0.4	945	0.13	<0.05	2.3	0.053	0.36
M397857	260	4.4	22.1	<0.002	0.16	0.15	2.0	1	0.4	832	0.15	<0.05	2.5	0.058	0.24
M397858	330	5.2	45.6	<0.002	0.19	0.21	3.8	1	0.7	766	0.26	<0.05	4.3	0.101	0.34
M397859	400	5.9	57.8	<0.002	0.23	0.24	4.4	1	0.8	410	0.33	<0.05	5.4	0.121	0.35
M397860	260	4.3	46.0	<0.002	0.13	0.15	3.6	1	0.7	526	0.24	<0.05	4.2	0.099	0.31
M397861	400	9.4	80.0	<0.002	2.61	9.73	9.8	1	1.4	726	0.47	0.07	5.8	0.274	10.65
M397862	410	5.4	63.1	<0.002	0.12	0.21	4.9	2	1.0	332	0.37	<0.05	6.0	0.143	0.43
M397863	490	6.5	67.7	<0.002	0.13	0.20	5.4	1	1.1	491	0.37	<0.05	6.0	0.141	0.51
M397864	610	6.3	83.8	<0.002	0.16	0.23	6.0	1	1.0	301	0.41	<0.05	7.3	0.167	0.54
M397865	180	1.2	1.0	<0.002	0.01	<0.05	0.2	<1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02
M397866	300	4.8	44.4	<0.002	0.13	0.15	3.6	1	0.6	595	0.22	<0.05	3.8	0.085	0.32
M397867	1030	12.5	64.5	<0.002	0.28	0.37	5.2	1	1.0	554	0.43	<0.05	6.7	0.194	0.35

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135030

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M397832		15.7	17	0.8	4.5	57	21.6
M397833		17.2	21	1.1	4.7	18	23.2
M397834		16.2	13	0.8	3.1	3	12.3
M397835		16.3	14	0.8	3.0	4	11.8
M397836		17.8	18	1.5	4.5	6	20.5
M397837		16.9	17	1.1	3.8	7	16.1
M397838		15.9	19	1.2	4.9	6	22.4
M397839		26.1	34	2.0	6.6	6	31.2
M397840		21.8	28	1.6	5.9	23	22.1
M397841		13.8	34	1.9	9.1	209	49.3
M397842		10.5	42	1.9	11.8	21	66.2
M397843		9.1	41	1.8	12.0	16	66.9
M397844		15.0	43	0.9	7.5	5	31.2
M397845		11.6	29	1.0	7.5	21	28.4
M397846		7.3	33	2.2	8.6	4	51.5
M397847		6.7	79	7.5	18.3	44	63.8
M397848		14.1	20	1.2	5.9	3	22.4
M397849		17.1	22	1.3	5.6	5	25.9
M397850		14.9	19	1.0	4.7	4	18.4
M397851		0.6	1	0.1	0.8	16	<0.5
M397852		16.4	23	1.0	5.0	3	29.4
M397853		13.2	26	1.0	6.0	4	31.7
M397854		26.2	32	1.2	5.2	3	21.3
M397855		12.9	15	0.4	3.9	20	21.3
M397856		14.0	21	0.3	4.8	38	26.8
M397857		8.7	21	0.2	5.7	16	28.4
M397858		8.5	38	0.6	7.8	13	48.8
M397859		5.7	43	0.5	9.9	10	65.7
M397860		7.8	36	0.4	8.9	9	53.6
M397861		2.5	71	5.4	17.7	48	68.7
M397862		6.9	49	0.8	10.7	11	64.9
M397863		13.2	54	0.9	10.3	15	50.5
M397864		6.7	60	0.8	11.8	20	70.1
M397865		0.5	2	0.1	0.7	16	<0.5
M397866		12.4	44	0.5	6.7	43	30.3
M397867		2.9	37	0.7	12.2	23	73.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13135030

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca> 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	LOG- 22d
	LOG- 23	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	WSH- 21
	WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
	Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

CERTIFICATE WH13136075

Project: Nadaleen

P.O. No.: 13-029

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136075

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M400343		10.88	0.01	0.09	2.21	69	280	0.76	0.08	21.1	0.23	30.8	3.8	26	5.06	16.8
M400344		10.98	<0.01	0.06	1.23	70	90	0.46	0.05	28.5	0.23	17.45	2.2	14	2.45	8.1
M400345		11.40	<0.01	0.06	2.50	108	180	0.89	0.07	18.25	0.18	30.2	4.2	27	4.56	14.7
M400346		11.22	<0.01	0.05	3.01	57	220	1.18	0.10	17.35	0.08	36.2	5.6	33	7.20	19.7
M400347		11.43	<0.01	0.06	3.66	115	250	1.18	0.09	13.00	0.06	43.4	6.6	41	7.75	24.4
M400348		10.03	0.01	0.07	2.73	204	260	0.90	0.07	19.65	0.07	33.6	5.2	28	4.23	18.6
M400349		11.02	0.01	0.05	2.77	179	200	0.92	0.07	20.0	0.08	33.2	4.8	28	3.96	18.3
M400350		0.21	0.51	0.11	3.45	2450	190	0.90	0.14	18.45	0.11	40.6	11.8	40	10.65	45.2
M400351		10.97	<0.01	0.07	1.99	93	310	0.73	0.06	23.8	0.25	27.0	3.9	19	2.60	14.9
M400352		10.00	<0.01	0.05	3.63	192	140	1.27	0.11	16.75	0.10	44.4	6.6	36	5.78	32.3
M400353		11.46	0.01	0.04	3.40	83	270	1.25	0.09	13.70	0.12	46.0	6.2	38	6.45	23.4
M400354		11.12	<0.01	0.05	3.69	138	170	1.25	0.09	11.45	0.08	46.3	6.4	40	5.02	26.2
M400355		6.97	<0.01	0.01	0.04	<5	20	<0.05	0.02	21.0	0.06	0.98	0.6	<1	0.09	2.3
M400356		10.85	0.01	0.06	3.88	126	150	1.35	0.11	13.25	0.08	46.8	7.3	40	5.98	28.0
M400357		11.11	<0.01	0.05	2.47	213	100	0.96	0.07	22.5	0.09	31.0	5.2	24	3.55	17.9
M400358		10.13	<0.01	0.05	1.95	236	90	0.76	0.05	26.1	0.15	24.7	3.9	20	2.42	13.0
M400359		9.49	0.01	0.08	3.57	200	130	1.18	0.09	17.50	0.12	42.9	6.6	40	5.15	25.0
M400360		11.15	<0.01	0.06	0.68	61	60	0.32	0.03	33.5	0.47	11.20	1.8	4	0.72	6.5
M400361		0.21	2.62	0.18	3.85	6270	200	0.88	0.13	12.10	0.13	40.9	11.5	45	10.15	36.0
M400362		10.77	<0.01	0.03	0.41	66	80	0.24	0.02	35.1	0.60	7.43	1.2	1	0.31	4.4
M400363		10.61	<0.01	0.03	0.52	61	50	0.29	0.02	32.0	0.41	8.83	1.5	2	0.46	5.2
M400364		8.65	0.02	0.05	2.57	226	100	0.90	0.07	19.95	0.15	34.4	4.0	26	3.66	14.0
M400365		<0.02	<0.01	0.05	2.65	234	110	0.91	0.07	20.4	0.12	35.3	4.1	28	3.73	14.2
M400366		8.85	<0.01	0.07	4.36	394	140	1.37	0.10	13.05	0.13	49.4	7.3	50	6.03	23.5
M400367		6.35	0.01	0.07	2.48	246	100	0.79	0.07	25.3	0.21	30.7	4.5	27	2.84	18.8
M400368		11.07	0.01	0.05	3.40	364	130	1.09	0.09	18.40	0.06	41.1	5.8	35	3.58	23.1
M400369		11.26	<0.01	0.04	3.07	39	140	1.05	0.10	20.4	0.07	35.2	5.4	30	2.95	26.2
M400370		6.86	<0.01	0.02	0.04	<5	10	0.05	0.03	21.0	0.06	1.08	0.6	<1	0.08	2.2
M400371		11.23	<0.01	0.05	2.10	47	120	0.77	0.07	24.7	0.22	26.8	4.2	19	1.74	19.1
M400372		12.42	0.01	0.08	2.03	19	140	0.72	0.06	25.4	0.27	24.8	4.3	19	1.61	14.2
M400373		11.85	0.01	0.09	3.53	27	160	1.18	0.11	17.95	0.41	42.4	7.2	37	3.92	29.3
M400374		7.30	0.01	0.15	4.02	26	200	1.38	0.12	10.85	0.20	52.3	17.5	42	5.44	53.8
M400375		3.27	<0.01	0.13	3.87	22	170	1.38	0.12	10.45	0.17	49.5	14.6	41	5.40	51.4
M400376		10.56	<0.01	0.09	7.28	2.8	260	2.08	0.27	4.19	0.18	84.9	12.8	61	13.30	156.5
M400377		7.28	<0.01	0.03	0.68	13	180	0.33	0.03	28.2	0.03	12.45	1.8	2	1.53	4.7
M400378		4.38	<0.01	0.06	2.97	21	160	0.86	0.11	20.8	0.04	37.0	5.4	20	7.22	12.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136075

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M400343		1.01	5.38	0.13	1.3	0.13	0.005	1.11	16.6	32.7	2.28	151	1.10	0.05	3.9	10.1
M400344		0.50	3.00	0.10	0.8	0.1	<0.005	0.59	9.3	22.3	1.47	109	0.62	0.04	2.2	5.6
M400345		1.15	6.07	0.10	1.7	0.08	0.011	1.17	15.7	39.5	3.57	172	0.74	0.05	4.1	11.1
M400346		1.37	7.78	0.13	1.5	0.05	0.008	1.37	19.1	40.1	3.49	176	0.62	0.06	5.0	14.7
M400347		1.77	9.83	0.10	1.8	0.05	0.028	1.72	22.1	56.1	3.63	200	0.53	0.09	6.1	18.4
M400348		1.36	7.20	0.09	1.3	0.04	0.022	1.16	17.1	66.5	3.25	205	0.46	0.04	4.4	14.1
M400349		1.33	7.23	0.09	1.3	0.03	0.020	1.10	17.2	71.3	2.90	200	0.25	0.03	4.4	12.9
M400350		2.98	10.20	0.10	1.8	3.70	0.037	1.66	19.8	10.0	1.39	1150	1.66	0.02	6.2	26.3
M400351		0.96	5.76	0.12	1.1	0.03	0.016	0.75	14.1	43.0	2.64	206	0.61	0.02	3.6	10.1
M400352		1.75	9.87	0.11	1.7	0.03	0.025	1.38	22.6	41.6	3.51	238	0.52	0.04	6.1	17.8
M400353		1.75	9.77	0.12	1.8	<0.1	0.025	1.46	23.2	56.6	3.66	260	0.27	0.04	6.0	17.3
M400354		1.89	9.66	0.11	2.0	0.03	0.030	1.43	22.6	41.2	5.05	276	0.51	0.04	5.9	17.8
M400355		0.45	0.16	0.09	<0.1	<0.01	<0.005	0.02	0.5	1.1	12.90	196	0.11	<0.01	0.1	1.6
M400356		1.84	10.50	0.12	1.7	0.04	0.034	1.47	23.3	43.7	3.69	271	0.38	0.05	6.4	20.0
M400357		1.17	6.92	0.10	1.2	0.03	0.021	0.84	16.3	37.9	2.65	268	0.44	0.03	4.3	13.0
M400358		1.01	5.22	0.10	0.8	0.04	0.014	0.61	12.7	23.8	1.81	263	0.45	0.03	3.2	10.3
M400359		1.75	9.44	0.11	1.5	0.06	0.027	1.22	22.1	39.7	2.73	311	0.58	0.04	5.7	17.5
M400360		0.40	1.92	0.07	0.4	0.03	0.006	0.22	6.0	27.2	0.98	359	0.94	0.01	1.2	4.1
M400361		3.02	9.93	0.09	1.9	15.1	0.034	1.85	20.4	12.1	2.65	1180	1.72	0.02	5.5	26.3
M400362		0.27	1.20	0.06	0.3	0.04	0.005	0.11	4.1	10.5	0.79	334	1.26	0.01	0.8	2.5
M400363		0.32	1.43	0.07	0.3	0.1	<0.005	0.14	4.9	17.9	0.85	334	0.29	0.01	0.9	3.2
M400364		1.10	6.65	0.12	1.5	<0.1	0.020	0.89	17.2	36.0	3.05	424	0.51	0.03	4.3	10.1
M400365		1.13	6.85	0.11	1.6	0.04	0.020	0.92	17.6	37.6	3.12	438	0.52	0.03	4.4	10.5
M400366		1.96	10.60	0.13	2.3	0.05	0.035	1.53	25.0	40.2	4.44	492	0.65	0.04	6.8	19.0
M400367		1.05	6.41	0.12	1.2	<0.1	0.021	0.76	16.2	19.0	1.81	696	0.46	0.03	4.0	11.7
M400368		1.56	8.68	0.10	1.6	0.03	0.022	1.13	21.5	28.3	3.79	837	0.41	0.04	5.4	15.3
M400369		1.56	8.20	0.10	1.2	0.02	0.025	0.96	18.6	40.1	2.81	1060	0.27	0.04	5.1	15.4
M400370		0.46	0.17	0.10	<0.1	<0.1	<0.005	0.02	0.5	1.0	12.90	201	0.10	<0.01	0.2	1.6
M400371		0.98	5.57	0.11	0.9	0.03	0.018	0.61	13.7	23.2	1.84	1780	0.41	0.05	3.5	11.1
M400372		1.00	5.07	0.09	0.8	0.03	0.017	0.60	12.8	19.0	2.12	2260	0.39	0.32	3.1	10.2
M400373		1.48	9.42	0.13	1.5	0.03	0.029	1.18	21.8	32.3	2.47	2080	0.38	0.40	5.8	18.7
M400374		2.57	11.30	0.13	2.0	<0.1	0.033	1.38	25.3	42.4	4.48	2670	1.43	0.38	6.8	24.2
M400375		2.49	11.00	0.11	2.0	0.01	0.031	1.35	25.1	41.7	4.14	2520	1.16	0.37	6.6	24.2
M400376		3.02	20.4	0.16	2.8	<0.01	0.055	2.92	43.8	71.7	3.25	1400	0.14	0.22	13.4	52.1
M400377		0.91	1.81	0.06	0.3	0.04	0.007	0.25	5.4	12.9	2.37	1300	0.18	0.03	1.0	3.5
M400378		2.18	7.60	0.10	1.1	0.06	0.025	1.19	18.2	50.7	1.36	1710	0.30	0.04	3.8	11.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136075

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M400343		460	9.4	45.8	<0.002	0.20	0.39	3.6	2	0.8	1045	0.28	<0.05	4.8	0.112	0.29
M400344		230	9.5	22.9	<0.002	0.10	0.26	2.0	1	0.4	1785	0.17	<0.05	2.9	0.064	0.21
M400345		380	9.2	49.0	<0.002	0.18	0.28	3.9	2	0.9	783	0.31	<0.05	5.3	0.125	0.28
M400346		390	7.5	61.5	0.002	0.14	0.24	5.0	2	1.0	530	0.39	<0.05	6.3	0.149	0.28
M400347		480	9.3	74.5	0.003	0.09	0.32	5.8	2	1.3	384	0.46	<0.05	7.7	0.186	0.32
M400348		360	7.6	49.3	0.002	0.06	0.28	4.3	2	1.0	529	0.33	<0.05	5.6	0.135	0.26
M400349		380	8.3	46.6	0.002	0.04	0.30	4.3	1	1.0	691	0.35	<0.05	5.6	0.141	0.22
M400350		370	9.7	80.8	0.002	2.42	9.53	9.2	1	1.5	692	0.45	0.06	5.6	0.264	10.10
M400351		270	9.1	35.4	0.002	0.08	0.34	3.4	1	0.8	809	0.27	<0.05	4.7	0.103	0.23
M400352		450	10.2	62.4	0.002	0.07	0.32	5.9	2	1.4	585	0.47	<0.05	7.6	0.182	0.32
M400353		410	9.9	68.3	<0.002	0.03	0.26	5.9	2	1.3	399	0.46	<0.05	7.5	0.174	0.30
M400354		470	8.9	60.5	0.002	0.06	0.32	5.7	2	1.3	362	0.46	<0.05	7.7	0.185	0.34
M400355		170	1.9	0.7	0.002	<0.01	0.08	0.1	<1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	<0.02
M400356		460	8.9	65.7	0.002	0.08	0.37	6.3	2	1.4	433	0.49	<0.05	8.0	0.191	0.33
M400357		300	8.3	40.8	<0.002	0.09	0.33	4.2	2	1.0	580	0.33	<0.05	5.3	0.122	0.29
M400358		260	7.9	27.9	<0.002	0.17	0.26	3.2	2	0.7	750	0.24	<0.05	4.0	0.095	0.25
M400359		550	9.9	55.3	<0.002	0.19	0.34	5.6	2	1.2	582	0.43	<0.05	7.3	0.175	0.30
M400360		220	5.7	9.7	0.002	0.09	0.21	1.2	<1	0.3	1330	0.09	<0.05	1.5	0.035	0.13
M400361		450	11.3	79.2	0.002	2.59	21.9	9.6	1	1.6	322	0.43	<0.05	5.8	0.279	40.7
M400362		210	5.1	4.7	<0.002	0.08	0.24	0.8	1	0.2	1315	0.06	<0.05	1.0	0.022	0.12
M400363		250	4.6	6.0	<0.002	0.10	0.15	0.9	1	0.2	1345	0.07	<0.05	1.2	0.027	0.07
M400364		340	8.3	39.2	0.002	0.20	0.26	4.0	2	0.9	592	0.33	<0.05	5.7	0.135	0.20
M400365		370	8.4	40.1	0.003	0.22	0.26	4.1	1	0.9	606	0.34	<0.05	5.9	0.140	0.21
M400366		600	10.6	62.6	0.002	0.38	0.35	6.3	2	1.5	433	0.54	<0.05	9.1	0.227	0.29
M400367		420	9.6	32.4	0.003	0.29	0.25	3.9	1	0.9	671	0.30	<0.05	5.2	0.129	0.20
M400368		400	8.8	48.2	0.002	0.12	0.25	5.1	2	1.5	458	0.40	<0.05	7.0	0.170	0.22
M400369		320	7.1	42.4	<0.002	0.06	0.19	5.0	2	1.1	462	0.37	<0.05	6.0	0.152	0.20
M400370		190	1.9	0.7	<0.002	<0.01	0.05	0.1	<1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02
M400371		250	11.3	26.3	0.002	0.10	0.22	3.5	1	0.8	627	0.26	<0.05	4.4	0.105	0.16
M400372		260	15.2	24.1	<0.002	0.10	0.22	3.1	1	0.7	668	0.23	<0.05	4.1	0.104	0.13
M400373		420	16.5	50.3	0.002	0.08	0.26	5.6	2	1.3	426	0.42	<0.05	7.2	0.178	0.24
M400374		480	61.9	60.8	<0.002	0.03	0.30	6.7	2	1.6	260	0.51	<0.05	8.5	0.198	0.24
M400375		460	60.2	59.7	0.002	0.02	0.35	6.6	2	1.6	245	0.51	<0.05	8.5	0.193	0.25
M400376		480	6.8	119.0	<0.002	0.01	0.33	12.4	1	2.8	229	0.96	<0.05	15.2	0.335	0.54
M400377		810	3.5	11.8	0.002	0.13	0.32	1.5	1	0.3	723	0.07	<0.05	1.3	0.032	0.30
M400378		800	17.4	53.8	0.002	0.13	1.13	5.0	1	0.9	594	0.29	<0.05	4.9	0.141	0.43

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136075

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
M400343		9.2	34	0.4	9.7	44	49.7
M400344		12.8	21	0.3	5.4	31	29.4
M400345		6.7	40	0.5	9.1	38	54.3
M400346		7.5	48	0.5	10.6	42	54.0
M400347		5.7	58	0.7	12.7	55	65.7
M400348		7.5	45	0.5	9.8	48	49.5
M400349		7.7	42	0.5	9.3	47	48.2
M400350		2.3	72	5.5	16.4	46	65.7
M400351		10.8	32	0.4	7.6	42	40.0
M400352		5.9	55	0.7	11.9	56	61.4
M400353		4.2	56	0.7	13.9	55	65.4
M400354		4.8	56	0.7	12.6	71	66.8
M400355		0.7	2	0.1	0.7	13	<0.5
M400356		5.3	54	0.7	13.1	66	64.2
M400357		9.4	37	0.5	9.0	42	45.1
M400358		12.8	34	0.4	7.3	35	30.6
M400359		7.3	55	0.7	12.4	58	57.0
M400360		7.6	12	0.2	3.7	23	14.1
M400361		6.1	86	7.3	17.0	50	66.7
M400362		7.0	8	0.1	2.8	23	11.4
M400363		6.3	10	0.1	3.2	16	13.5
M400364		11.4	38	0.6	9.5	40	58.1
M400365		12.0	38	0.6	10.0	39	68.8
M400366		5.8	63	0.8	13.7	70	82.2
M400367		10.6	40	0.5	8.9	45	45.1
M400368		8.7	51	0.7	11.9	56	59.9
M400369		7.0	43	0.6	9.9	55	46.2
M400370		0.5	2	0.1	0.7	13	<0.5
M400371		10.6	32	0.4	7.4	47	34.9
M400372		9.9	32	0.4	7.0	53	31.2
M400373		6.9	52	0.6	11.4	83	52.5
M400374		6.1	63	0.8	16.9	95	73.8
M400375		6.2	62	0.9	16.4	95	68.0
M400376		3.0	60	1.2	19.2	108	101.5
M400377		1.0	7	0.2	4.3	9	11.6
M400378		2.0	29	0.6	10.6	31	40.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136075

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE WH13136076

Project: Nadaleen

P.O. No.: 13-030

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136076

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M397868	11.17	<0.01	0.08	4.46	57	210	1.12	0.19	17.50	0.03	57.1	6.7	37	6.89	19.5
M397869	12.12	<0.01	0.07	3.53	37	180	0.91	0.15	21.1	0.03	53.7	5.9	30	5.06	16.0
M397870	12.25	<0.01	0.09	4.01	38	190	1.05	0.18	18.65	0.04	57.4	7.3	36	5.75	19.7
M397871	10.87	<0.01	0.10	5.23	28	240	1.40	0.25	11.90	0.06	72.1	9.3	51	7.85	27.4
M397872	11.39	<0.01	0.08	3.36	21	170	1.03	0.18	18.20	0.04	54.5	6.4	33	4.32	16.8
M397873	11.24	<0.01	0.07	3.68	12	170	1.02	0.18	17.25	0.03	53.2	6.5	35	4.73	16.7
M397874	10.86	<0.01	0.08	4.45	10	200	1.30	0.22	12.90	0.04	70.9	8.1	44	6.05	21.8
M397875	4.92	<0.01	0.08	4.22	6	190	1.22	0.20	12.80	0.03	72.5	8.1	43	5.80	20.5
M397876	11.55	<0.01	0.07	4.57	8	220	1.28	0.22	12.45	0.03	62.5	8.0	44	5.81	21.1
M397877	9.66	<0.01	0.08	4.76	<5	220	1.34	0.23	10.20	0.02	70.7	8.8	51	6.40	23.0
M397878	0.22	0.51	0.09	3.49	2490	190	0.86	0.13	17.70	0.11	35.3	10.3	41	8.97	41.0
M397879	12.32	<0.01	0.07	4.15	12	270	1.19	0.20	14.65	0.03	58.8	7.8	37	5.73	20.5
M397880	11.35	<0.01	0.06	3.46	8	190	0.94	0.16	19.50	<0.02	49.0	6.4	31	4.60	16.8
M397881	11.14	<0.01	0.06	4.30	5	210	1.24	0.20	13.30	<0.02	65.4	7.8	38	6.77	20.5
M397882	10.97	<0.01	0.09	4.26	8	230	1.21	0.20	15.65	<0.02	60.1	8.1	39	6.87	21.2
M397883	10.90	0.01	0.07	3.69	9	190	1.08	0.17	13.65	0.02	62.3	7.6	37	5.54	17.9
M397884	6.97	<0.01	0.01	0.05	<5	20	0.05	0.02	20.2	0.06	1.02	0.5	1	0.11	1.6
M397885	11.12	<0.01	0.05	2.18	11	120	0.64	0.11	17.05	0.06	46.8	4.8	23	3.15	10.6
M397886	5.91	<0.01	0.02	3.08	152	170	1.07	0.12	13.15	0.23	39.2	4.4	24	7.14	11.8
M397887	10.94	0.01	0.02	1.37	89	140	0.57	0.06	17.35	0.35	19.00	3.7	10	3.34	9.3
M397888	12.21	0.03	0.02	0.41	18	480	0.25	0.03	18.90	0.22	6.75	1.4	3	0.61	4.9
M397889	11.07	0.19	0.01	0.65	68	60	0.29	0.04	18.25	0.03	11.10	1.3	5	1.23	4.2
M397890	0.21	2.58	0.18	3.83	6260	200	0.95	0.14	12.20	0.15	41.0	11.9	44	10.25	37.1
M397891	11.48	0.02	0.01	0.75	24	60	0.46	0.04	19.45	0.07	14.05	1.4	5	1.42	6.0
M397892	10.98	0.01	0.02	1.20	24	90	0.58	0.06	16.65	0.10	16.95	2.2	8	2.18	6.0
M397893	10.78	0.06	0.01	0.91	31	100	0.45	0.04	18.00	0.08	15.20	1.4	6	1.72	5.1
M397894	10.88	0.11	0.04	0.60	734	70	0.31	0.03	19.55	0.05	8.34	1.1	5	0.89	5.2
M397895	11.00	0.03	0.10	0.89	53	70	0.47	0.04	20.6	1.49	9.24	1.8	8	1.70	8.2
M397896	<0.02	0.03	0.10	0.89	47	70	0.55	0.04	20.4	1.44	9.29	1.8	8	1.82	8.5
M397897	12.22	0.01	0.14	0.90	174	50	0.39	0.04	18.55	0.09	10.55	2.1	9	2.19	9.4
M397898	11.24	0.06	0.14	1.56	856	80	0.60	0.05	16.35	0.10	20.5	3.0	15	3.55	12.9
M397899	6.94	<0.01	<0.01	0.06	<5	20	0.07	0.02	20.2	0.06	1.31	0.6	<1	0.12	1.8
M397900	11.36	0.02	0.17	0.60	1160	40	0.23	0.03	19.05	0.15	9.31	1.5	8	0.99	6.6
M397901	11.67	0.12	0.09	0.92	8460	60	0.36	0.04	18.75	0.08	14.60	1.8	9	1.46	7.3
M397902	11.01	0.18	0.12	0.80	851	60	0.29	0.04	18.75	0.61	11.30	2.0	9	1.18	8.9
M397903	11.91	0.40	0.14	1.67	254	80	0.54	0.06	16.80	0.02	19.65	3.1	16	3.03	11.7

***** See Appendix Page for comments regarding this certificate *****

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Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136076

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M397868		1.97	10.90	0.13	2.1	0.05	0.033	2.19	27.4	30.2	0.60	272	0.27	0.03	7.0	17.5
M397869		1.75	8.91	0.14	2.0	<0.1	0.032	1.74	25.9	24.4	0.59	333	0.21	0.03	6.2	14.5
M397870		2.06	10.55	0.13	2.1	0.06	0.036	2.01	27.8	25.5	0.71	231	0.24	0.03	6.9	19.5
M397871		2.55	13.95	0.15	2.7	0.07	0.046	2.64	35.0	41.7	1.03	287	1.14	0.03	8.8	22.4
M397872		1.83	8.44	0.11	2.0	0.10	0.038	1.64	26.4	18.8	0.70	288	0.26	0.03	6.1	15.6
M397873		1.84	8.99	0.12	2.0	0.06	0.033	1.77	26.0	19.1	0.79	312	0.24	0.03	6.3	15.7
M397874		2.09	11.65	0.14	2.6	0.05	0.040	2.21	34.2	27.3	0.81	284	0.26	0.03	8.2	19.7
M397875		2.05	11.20	0.14	2.6	0.05	0.037	2.09	34.7	26.5	0.79	270	0.25	0.03	8.4	19.3
M397876		2.10	11.65	0.13	2.5	0.05	0.035	2.28	31.1	23.2	0.97	312	0.24	0.03	7.8	20.1
M397877		2.22	12.05	0.14	2.8	0.1	0.032	2.39	34.7	24.9	0.80	251	0.27	0.03	8.8	22.1
M397878		2.86	8.87	0.10	1.7	3.7	0.027	1.64	17.6	9.0	1.37	1120	1.43	0.02	5.6	23.1
M397879		2.17	10.75	0.13	2.2	0.1	0.035	2.10	29.7	17.6	1.47	501	0.25	0.03	7.2	18.6
M397880		1.78	8.58	0.11	1.8	0.06	0.024	1.72	24.5	11.9	0.76	227	0.19	0.02	5.8	16.1
M397881		1.85	11.25	0.14	2.3	0.05	0.033	2.21	32.4	18.7	1.08	423	0.20	0.03	7.5	18.4
M397882		2.22	11.10	0.14	2.3	0.1	0.035	2.20	30.1	14.2	0.91	347	0.26	0.03	7.4	21.3
M397883		2.22	9.21	0.13	2.2	0.1	0.027	1.84	30.1	10.8	1.36	452	0.22	0.03	6.5	18.1
M397884		0.44	0.15	<0.05	<0.1	<0.01	<0.005	0.02	0.5	1.0	12.70	195	0.05	<0.01	0.2	1.4
M397885		2.25	5.58	0.10	1.3	0.1	0.012	1.09	21.9	6.9	2.98	749	0.17	0.02	3.9	11.2
M397886		1.78	8.17	0.10	1.7	0.20	0.021	1.59	22.0	10.4	7.33	584	0.19	0.03	5.0	9.2
M397887		1.63	3.70	0.07	0.6	0.5	<0.005	0.70	11.0	5.7	10.35	594	0.12	0.02	2.2	7.1
M397888		0.68	1.12	0.05	0.3	0.39	<0.005	0.20	3.6	2.7	11.55	526	0.10	0.01	0.7	2.3
M397889		0.69	1.69	0.05	0.5	0.57	<0.005	0.32	5.5	3.6	11.15	611	0.11	0.01	1.1	2.5
M397890		2.87	10.10	0.12	2.0	15.8	0.028	1.79	21.0	12.7	2.62	1150	1.85	0.02	5.9	26.4
M397891		0.67	2.01	0.05	0.7	0.39	<0.005	0.38	7.2	4.5	10.50	539	0.37	0.02	1.3	3.0
M397892		0.90	3.13	0.07	1.2	0.5	<0.005	0.62	8.7	6.2	8.98	515	0.32	0.01	2.1	4.3
M397893		0.50	2.49	0.06	0.8	0.9	<0.005	0.45	8.1	4.8	10.30	412	0.23	0.01	1.6	2.5
M397894		0.37	1.59	0.07	0.5	1.75	<0.005	0.27	4.8	3.3	11.25	504	0.54	0.01	0.9	2.6
M397895		0.45	2.22	0.07	0.5	1.95	<0.005	0.40	5.1	4.8	11.10	385	0.56	0.01	1.4	4.5
M397896		0.45	2.30	0.08	0.5	2.2	<0.005	0.40	5.2	5.2	11.05	401	0.61	0.01	1.4	4.7
M397897		0.52	2.36	0.07	0.5	0.98	<0.005	0.42	5.4	6.5	11.20	239	0.56	0.01	1.5	5.5
M397898		0.70	4.01	0.10	1.0	1.34	<0.005	0.73	11.2	10.4	9.86	212	0.85	0.02	2.7	7.7
M397899		0.44	0.18	0.06	<0.1	<0.01	<0.005	0.02	0.7	1.0	12.60	192	<0.05	<0.01	0.2	1.4
M397900		0.39	1.49	0.09	0.4	0.7	<0.005	0.24	5.3	3.9	11.50	219	0.59	0.01	1.1	4.0
M397901		0.57	2.32	0.07	0.7	1.5	<0.005	0.39	7.6	5.8	10.10	334	0.66	0.01	1.7	4.6
M397902		0.63	1.98	0.07	0.6	2.7	<0.005	0.34	5.8	4.2	11.10	397	0.72	0.01	1.4	5.3
M397903		1.43	4.04	0.08	1.1	2.54	<0.005	0.83	10.3	7.7	9.48	655	1.13	0.01	2.8	8.5

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136076

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M397868		210	20.6	88.1	<0.002	0.43	0.47	6.6	1	1.4	426	0.52	<0.05	8.7	0.242	0.64
M397869		510	18.3	71.7	0.002	0.50	0.43	5.5	1	1.1	607	0.47	<0.05	7.5	0.218	0.42
M397870		320	23.8	85.1	0.002	0.97	0.50	6.4	1	1.3	559	0.52	<0.05	8.4	0.227	0.40
M397871		280	26.5	109.5	0.002	0.83	0.63	8.5	1	1.7	280	0.67	<0.05	11.4	0.289	0.51
M397872		190	21.9	72.4	<0.002	0.91	0.42	5.7	1	1.0	492	0.47	<0.05	7.0	0.216	0.33
M397873		1260	21.7	77.0	<0.002	0.83	0.42	6.2	1	1.0	451	0.48	0.05	7.4	0.220	0.36
M397874		210	22.6	96.7	<0.002	0.79	0.52	7.7	1	1.4	290	0.62	0.05	10.6	0.289	0.43
M397875		200	22.3	93.9	<0.002	0.80	0.52	7.5	1	1.3	284	0.63	<0.05	9.9	0.283	0.42
M397876		610	20.5	96.5	<0.002	0.80	0.51	7.8	1	1.3	277	0.59	0.05	9.9	0.259	0.41
M397877		190	23.9	100.5	<0.002	1.22	0.60	8.2	1	1.4	237	0.66	0.05	11.1	0.311	0.42
M397878		360	7.7	73.9	0.002	2.39	8.26	8.8	1	1.2	696	0.41	0.07	5.0	0.250	9.21
M397879		320	20.1	87.2	<0.002	1.15	0.49	7.3	1	1.2	284	0.53	<0.05	8.3	0.239	0.41
M397880		170	18.9	70.9	<0.002	1.12	0.40	5.6	1	1.0	544	0.44	<0.05	6.8	0.199	0.35
M397881		860	17.1	92.7	<0.002	0.88	0.46	7.4	1	1.3	284	0.57	0.05	9.6	0.261	0.39
M397882		170	26.7	93.1	<0.002	1.44	0.46	7.5	1	1.2	335	0.54	<0.05	8.6	0.244	0.41
M397883		280	22.8	75.7	<0.002	1.25	0.45	6.3	1	1.1	232	0.50	<0.05	7.9	0.252	0.37
M397884		180	1.3	0.9	<0.002	<0.01	<0.05	0.1	<1	<0.2	42.9	<0.05	<0.05	<0.2	<0.005	<0.02
M397885		570	19.9	46.3	<0.002	1.07	0.28	3.9	1	0.7	250	0.29	<0.05	5.2	0.150	0.23
M397886		1480	7.3	60.1	<0.002	0.84	0.56	6.4	1	0.9	112.5	0.37	<0.05	5.5	0.170	0.64
M397887		910	8.0	25.6	<0.002	1.07	1.10	2.7	<1	0.4	88.5	0.15	<0.05	2.5	0.066	1.43
M397888		470	2.8	6.6	<0.002	0.25	0.37	0.7	<1	0.2	64.5	0.06	<0.05	0.9	0.021	0.58
M397889		410	2.8	10.2	<0.002	0.28	0.31	1.2	<1	0.2	72.0	0.09	<0.05	1.4	0.033	1.26
M397890		440	10.5	85.9	0.002	2.53	22.5	10.6	1	1.5	322	0.44	<0.05	5.8	0.268	44.7
M397891		540	4.3	12.6	<0.002	0.28	0.20	1.4	<1	0.2	118.0	0.09	<0.05	1.8	0.038	0.75
M397892		500	5.6	20.4	<0.002	0.41	0.28	2.0	1	0.4	127.0	0.15	<0.05	2.8	0.061	0.87
M397893		460	3.9	14.9	<0.002	0.21	0.52	1.7	1	0.3	112.0	0.12	<0.05	2.2	0.044	2.55
M397894		220	4.4	8.7	<0.002	0.21	1.18	1.1	<1	0.2	135.0	0.07	<0.05	1.2	0.028	3.63
M397895		190	7.2	12.2	0.003	0.34	0.86	1.4	1	0.3	146.5	0.10	<0.05	1.6	0.042	2.92
M397896		190	7.6	12.7	0.002	0.34	0.91	1.5	1	0.3	146.0	0.10	<0.05	1.7	0.041	3.04
M397897		220	8.2	14.1	<0.002	0.38	0.68	1.6	<1	0.3	95.6	0.11	<0.05	1.8	0.041	1.81
M397898		390	11.4	26.1	<0.002	0.63	0.89	2.6	1	0.5	94.9	0.20	<0.05	3.4	0.076	4.12
M397899		170	1.1	0.9	<0.002	<0.01	<0.05	0.2	<1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	0.02
M397900		200	8.5	7.9	<0.002	0.39	0.55	1.1	1	0.2	94.3	0.08	<0.05	1.3	0.032	1.34
M397901		240	9.9	13.3	<0.002	0.82	1.06	1.6	1	0.3	98.8	0.13	<0.05	2.1	0.049	3.61
M397902		230	10.7	11.2	<0.002	0.52	0.80	1.4	1	0.3	98.4	0.11	<0.05	1.8	0.042	5.22
M397903		310	13.0	28.4	0.002	0.71	0.75	2.8	1	0.5	87.1	0.21	<0.05	3.6	0.081	5.58

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 12-AUG-2013
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CERTIFICATE OF ANALYSIS WH13136076

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M397868		3.2	51	0.9	14.7	43	75.9
M397869		3.0	42	0.8	13.7	35	75.6
M397870		3.1	47	0.9	14.7	44	77.4
M397871		3.2	63	1.1	18.0	68	97.9
M397872		2.8	41	0.7	14.2	36	68.1
M397873		2.7	44	0.8	14.0	32	79.0
M397874		2.9	58	1.0	17.9	38	89.7
M397875		2.9	54	1.0	18.8	37	87.5
M397876		3.0	57	0.9	17.3	39	94.8
M397877		3.0	61	1.0	18.2	24	98.9
M397878		2.2	71	4.9	15.6	43	58.7
M397879		3.0	52	0.8	15.8	26	79.4
M397880		3.1	41	0.7	13.4	13	62.3
M397881		2.8	53	0.9	16.5	17	86.3
M397882		3.2	51	0.9	16.4	22	78.8
M397883		2.6	47	0.8	15.7	13	75.0
M397884		0.5	2	0.1	0.7	14	<0.5
M397885		2.4	28	0.5	11.6	34	50.5
M397886		1.9	43	1.7	15.5	59	54.8
M397887		4.7	16	1.2	7.2	132	22.7
M397888		4.2	7	0.4	3.2	74	11.4
M397889		6.0	12	0.6	4.3	4	17.4
M397890		6.5	85	7.5	18.4	46	68.1
M397891		8.4	13	0.6	6.0	13	24.7
M397892		6.6	19	0.7	7.1	12	43.9
M397893		7.1	15	0.7	7.1	8	32.7
M397894		14.1	15	0.8	4.0	10	17.1
M397895		23.1	23	1.4	3.6	378	16.6
M397896		24.2	24	1.5	3.7	366	16.7
M397897		20.9	19	1.0	3.6	16	16.3
M397898		20.1	32	1.5	6.6	22	36.1
M397899		0.4	2	0.1	0.7	14	<0.5
M397900		17.7	23	0.9	3.2	28	12.0
M397901		17.1	20	1.5	5.1	16	28.1
M397902		21.7	22	1.3	3.9	214	20.9
M397903		18.1	34	1.8	6.7	6	40.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13136076

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method:

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

CERTIFICATE WH13138742

Project: Nadaleen

P.O. No.: 13-031

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138742

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M400379		6.17	<0.01	0.09	9.76	37.7	370	2.46	0.51	0.96	0.08	86.6	17.2	77	23.1	42.0
M400380		8.86	<0.01	0.05	10.10	19.8	360	2.60	0.43	0.37	0.04	76.9	17.2	78	24.8	39.3
M400381		9.46	<0.01	0.06	9.80	27.7	510	2.40	0.44	0.98	<0.02	97.1	18.3	79	17.00	38.2
M400382		10.78	<0.01	0.04	8.95	8.9	390	2.54	0.49	0.52	0.02	87.4	17.9	69	24.5	35.8
M400383		6.78	<0.01	0.01	0.08	<5	20	0.05	0.03	20.6	0.07	1.35	0.6	1	0.14	1.4
M400384		10.28	<0.01	0.03	8.45	12.1	330	2.67	0.35	1.47	0.03	84.5	15.7	68	22.9	40.5
M400385		9.51	<0.01	0.02	7.23	36.3	360	2.08	0.33	4.59	0.12	75.4	11.7	56	20.4	18.3
M400386		9.78	<0.01	0.11	4.81	118.5	370	1.48	0.22	9.41	0.30	57.8	10.8	45	8.69	170.0
M400387		9.15	<0.01	0.09	4.24	387	560	1.30	0.16	13.40	0.18	51.1	9.0	46	5.16	49.2
M400388		7.09	<0.01	0.01	0.06	<5	20	<0.05	0.02	20.5	0.06	1.05	0.6	<1	0.10	2.7
M400389		9.07	<0.01	0.07	2.60	329	160	0.88	0.09	23.4	0.37	31.5	5.5	25	2.22	22.0
M400390		10.06	<0.01	0.10	2.42	145	130	0.83	0.09	24.3	0.39	29.0	5.9	24	2.49	23.4
M400391		10.88	<0.01	0.06	2.56	68	190	0.83	0.10	23.4	0.64	29.4	5.3	26	2.53	16.2
M400392		10.49	<0.01	0.08	1.91	45	130	0.62	0.08	25.9	0.82	27.9	4.5	19	2.21	17.2
M400393		11.72	<0.01	0.05	3.92	30	200	1.38	0.15	14.20	0.10	45.9	8.4	41	6.66	29.0
M400394		5.36	<0.01	0.04	3.96	34	180	1.34	0.15	14.25	0.09	45.7	8.2	41	6.75	36.3
M400395		10.86	<0.01	0.07	3.33	151	220	1.11	0.11	13.90	0.12	43.3	6.7	36	4.80	16.9
M400396		9.09	<0.01	0.08	3.92	88	210	1.37	0.13	14.70	0.16	45.9	7.7	42	6.14	24.6
M400397		6.62	<0.01	0.09	2.45	63	320	0.79	0.10	23.5	0.78	29.8	6.0	30	2.32	23.8
M400398		6.96	<0.01	0.07	4.72	173	320	1.43	0.14	10.25	0.16	50.1	13.0	54	5.48	56.1
M400399		10.02	<0.01	0.06	5.11	39.2	250	1.70	0.21	8.43	0.25	57.4	10.6	46	9.12	123.5
M400400		5.61	<0.01	0.05	6.55	17.3	250	1.67	0.26	7.39	0.05	71.4	11.7	48	12.00	24.4
M400401		10.29	<0.01	0.04	6.69	15	300	1.69	0.25	11.05	0.04	72.5	11.1	49	13.95	23.6
M400402		10.44	<0.01	0.05	6.80	10.4	240	1.74	0.26	7.81	0.03	72.6	11.6	51	14.75	24.4
M400403		0.18	0.49	0.08	3.56	2510	200	0.87	0.13	17.80	0.11	36.4	10.1	43	9.20	39.5
M400404		11.26	<0.01	0.04	4.83	16	260	1.26	0.19	12.25	0.02	55.9	8.6	37	10.50	17.7
M400405		11.33	<0.01	0.04	7.20	15.5	280	1.90	0.30	4.72	0.05	78.7	13.4	56	15.55	25.0
M400406		10.24	<0.01	0.03	3.68	15	200	1.08	0.15	17.40	0.06	43.5	7.0	30	8.50	14.2
M400407		11.08	<0.01	0.04	7.43	14.4	310	1.90	0.29	7.42	0.06	79.2	14.3	58	21.0	26.6
M400408		0.19	0.49	0.08	3.58	2530	200	0.91	0.13	18.25	0.15	37.3	10.4	43	9.39	39.1
M400409		10.75	<0.01	0.03	2.78	15	160	0.85	0.13	20.7	0.04	38.2	4.4	28	6.39	9.4
M400410		10.93	<0.01	0.04	4.18	12	230	1.04	0.14	16.65	0.05	49.6	6.6	38	11.50	14.0
M400411		11.55	<0.01	0.02	2.70	7	140	0.74	0.10	25.0	0.04	32.0	4.8	22	7.59	10.0
M400412		10.64	<0.01	0.01	1.32	10	340	0.40	0.06	27.5	0.02	19.65	2.2	12	3.37	5.2
M400413		<0.02	<0.01	0.02	1.33	6	370	0.43	0.06	27.4	0.03	19.30	2.2	12	3.34	5.1
M400414		10.79	<0.01	0.05	3.73	11	450	0.94	0.13	19.75	0.06	44.7	6.1	32	9.97	13.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138742

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M400379		3.55	25.2	0.18	3.2	0.04	0.077	3.85	42.7	172.0	0.46	602	0.38	0.13	12.4	35.7
M400380		4.01	26.5	0.19	2.8	0.03	0.068	3.97	37.5	166.5	0.45	278	0.28	0.12	12.6	41.2
M400381		4.47	25.2	0.18	3.1	0.10	0.079	3.43	51.4	146.5	0.67	491	0.39	0.09	12.9	41.9
M400382		4.71	22.7	0.18	3.4	0.05	0.079	3.52	45.3	135.5	0.84	373	0.57	0.07	12.3	38.2
M400383		0.47	0.28	<0.05	<0.1	<0.1	0.007	0.03	0.7	1.5	12.90	210	0.13	<0.01	0.2	1.3
M400384		3.93	22.1	0.18	3.6	<0.1	0.065	3.20	44.6	135.5	1.32	368	0.40	0.06	12.5	41.2
M400385		3.39	18.85	0.14	2.8	0.01	0.060	3.02	40.7	75.9	2.67	807	0.14	0.06	12.5	47.0
M400386		1.70	12.60	0.13	2.3	0.01	0.041	1.89	32.3	52.1	4.71	1100	0.35	0.05	8.8	26.6
M400387		1.52	11.10	0.11	2.0	<0.1	0.037	1.33	27.0	57.3	3.97	1330	0.67	0.06	7.1	22.2
M400388		0.46	0.16	0.05	<0.1	<0.1	0.007	0.02	0.5	1.3	12.90	206	0.08	0.01	0.1	1.7
M400389		0.97	6.15	0.09	1.1	<0.1	0.021	0.65	15.4	28.9	1.77	1370	0.42	0.12	4.0	11.4
M400390		0.87	5.93	0.07	1.0	<0.1	0.022	0.64	14.5	21.7	1.51	1360	0.44	0.20	3.9	11.8
M400391		0.97	6.33	0.08	1.1	<0.1	0.023	0.68	14.7	26.4	1.78	1540	0.47	0.27	4.1	11.6
M400392		0.68	4.65	0.08	0.9	<0.1	0.017	0.47	12.8	17.2	0.94	1340	0.48	0.27	3.0	9.2
M400393		1.62	10.05	0.10	1.8	<0.1	0.032	1.25	24.3	45.3	3.10	921	0.24	0.42	6.6	20.9
M400394		1.67	9.98	0.11	1.7	<0.1	0.036	1.28	24.5	46.4	3.06	928	0.24	0.39	6.5	20.9
M400395		1.48	8.43	0.11	1.9	<0.1	0.024	0.99	22.1	38.0	3.22	966	0.34	0.48	5.7	17.8
M400396		1.54	10.15	0.11	1.9	<0.1	0.031	1.30	25.2	39.9	2.89	945	0.30	0.35	6.7	19.9
M400397		0.92	6.29	0.10	1.3	<0.1	0.022	0.64	14.8	24.4	2.06	1480	0.63	0.43	4.1	12.5
M400398		1.73	13.05	0.14	2.1	0.01	0.037	1.57	25.5	55.8	4.68	1420	0.50	0.27	7.9	26.0
M400399		2.03	12.65	0.13	2.3	<0.1	0.043	1.86	31.4	45.7	4.71	1360	0.35	0.27	8.7	27.7
M400400		3.38	15.45	0.15	2.5	0.06	0.051	2.10	37.4	107.0	0.93	746	0.36	0.20	7.9	25.4
M400401		3.28	15.65	0.13	2.4	0.1	0.046	2.25	38.0	92.9	0.90	540	0.41	0.23	8.1	23.8
M400402		3.30	15.95	0.15	2.5	0.07	0.048	2.36	37.8	84.7	0.94	435	0.28	0.21	8.2	24.5
M400403		2.88	8.91	0.10	1.8	4.0	0.035	1.70	18.4	9.4	1.37	1160	1.53	0.02	5.6	23.5
M400404		2.56	11.40	0.11	1.9	0.1	0.037	1.69	29.1	68.9	0.72	416	0.23	0.16	5.9	17.8
M400405		3.42	17.00	0.14	2.7	0.13	0.056	2.66	41.3	92.8	1.05	488	0.42	0.13	8.9	26.5
M400406		2.10	8.88	0.12	1.9	0.2	0.033	1.42	22.1	55.5	2.12	479	0.30	0.06	4.8	14.6
M400407		3.19	17.45	0.12	2.5	0.11	0.050	2.82	42.2	92.5	1.42	329	0.41	0.13	8.8	28.5
M400408		2.93	9.01	0.10	1.8	3.9	0.032	1.71	18.6	9.7	1.40	1180	1.62	0.02	5.7	23.7
M400409		1.51	6.43	0.09	1.4	0.1	0.023	1.06	18.7	28.4	0.80	294	0.36	0.11	4.0	9.9
M400410		1.93	9.85	0.09	1.7	0.1	0.025	1.56	25.7	51.9	0.73	208	0.52	0.20	5.4	15.1
M400411		1.36	6.30	0.09	1.0	0.1	0.019	1.04	15.1	27.8	0.79	206	0.31	0.10	3.2	10.4
M400412		0.99	3.15	0.07	0.6	<0.1	0.012	0.47	8.5	15.9	0.52	150	0.20	0.12	1.7	4.9
M400413		0.99	3.14	0.06	0.6	<0.1	0.012	0.47	8.5	15.8	0.51	153	0.20	0.12	1.8	4.8
M400414		1.93	8.76	0.11	1.4	0.1	0.028	1.43	23.1	34.5	0.80	222	0.45	0.17	4.6	14.4

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138742

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M400379		790	17.7	155.0	<0.002	0.02	0.75	16.6	2	2.9	109.5	0.98	0.08	15.3	0.425	0.95
M400380		830	18.7	157.5	<0.002	0.01	0.38	15.9	1	2.9	105.0	0.94	0.09	12.9	0.412	0.85
M400381		700	22.8	142.5	<0.002	0.06	0.40	16.2	2	2.9	256	0.96	0.09	14.9	0.431	0.90
M400382		480	16.1	163.0	<0.002	0.09	0.25	16.6	2	2.8	107.5	0.92	0.08	14.3	0.458	0.86
M400383		200	1.2	1.2	<0.002	<0.01	<0.05	0.2	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02
M400384		510	9.3	145.5	<0.002	0.07	0.26	15.9	1	2.8	145.5	0.93	0.06	13.8	0.418	0.75
M400385		600	8.4	130.5	<0.002	0.02	0.42	11.3	1	2.6	180.0	0.93	<0.05	13.0	0.333	0.77
M400386		570	6.0	85.8	<0.002	0.01	0.38	8.1	1	1.9	177.5	0.66	<0.05	9.9	0.239	0.42
M400387		490	20.3	62.6	<0.002	0.01	0.82	6.9	1	1.6	227	0.53	<0.05	8.5	0.207	0.30
M400388		200	1.9	0.9	<0.002	<0.01	<0.05	0.1	<1	<0.2	43.0	<0.05	<0.05	<0.2	<0.005	<0.02
M400389		260	13.0	29.9	<0.002	0.01	0.61	4.3	1	0.9	462	0.30	<0.05	5.0	0.117	0.17
M400390		250	13.1	29.2	<0.002	0.03	0.35	3.8	1	0.9	581	0.29	<0.05	4.6	0.112	0.17
M400391		260	11.1	30.0	<0.002	0.01	0.26	4.1	1	0.9	513	0.30	<0.05	4.9	0.119	0.18
M400392		240	10.3	21.3	<0.002	0.04	0.22	3.2	1	0.7	621	0.23	<0.05	3.7	0.087	0.14
M400393		480	13.2	61.3	<0.002	0.02	0.22	6.5	2	1.4	298	0.49	<0.05	7.9	0.192	0.27
M400394		480	13.1	61.6	<0.002	0.02	0.21	6.6	2	1.4	310	0.50	<0.05	8.0	0.194	0.26
M400395		490	15.7	49.0	<0.002	0.06	0.38	5.5	2	1.2	295	0.42	<0.05	6.9	0.166	0.21
M400396		490	14.1	61.7	<0.002	0.05	0.33	6.4	2	1.5	314	0.50	<0.05	8.2	0.198	0.28
M400397		260	27.6	28.6	<0.002	0.04	0.26	4.1	1	0.9	542	0.30	<0.05	4.9	0.115	0.16
M400398		490	55.7	68.5	<0.002	0.01	0.46	7.6	2	1.5	213	0.60	<0.05	8.8	0.223	0.34
M400399		670	8.4	86.0	<0.002	0.01	0.24	8.0	1	2.0	135.0	0.64	<0.05	9.6	0.248	0.39
M400400		460	18.3	104.0	<0.002	0.68	0.43	10.5	1	1.9	235	0.60	<0.05	10.2	0.286	0.67
M400401		480	18.0	112.5	<0.002	0.93	0.33	10.5	1	1.8	312	0.61	<0.05	10.7	0.303	0.70
M400402		460	17.6	113.0	<0.002	0.86	0.32	10.8	<1	1.9	214	0.62	<0.05	10.5	0.306	0.59
M400403		370	8.1	77.8	0.002	2.51	8.47	8.4	1	1.3	700	0.38	0.07	4.9	0.264	9.80
M400404		450	13.2	81.5	<0.002	0.69	0.25	7.6	1	1.4	379	0.44	<0.05	7.7	0.225	0.45
M400405		630	19.8	123.5	<0.002	1.51	0.41	11.5	2	2.1	177.5	0.68	<0.05	11.2	0.330	0.80
M400406		900	10.3	68.7	<0.002	0.99	0.24	6.2	1	1.2	513	0.37	<0.05	6.0	0.181	0.59
M400407		530	18.9	132.0	<0.002	1.64	0.41	11.5	1	2.1	229	0.64	0.05	11.0	0.312	0.78
M400408		370	8.1	77.9	<0.002	2.54	8.60	8.6	1	1.4	708	0.40	0.06	5.0	0.269	9.85
M400409		1240	7.7	52.2	<0.002	1.00	0.21	4.7	1	0.9	851	0.29	<0.05	4.8	0.147	0.43
M400410		810	10.8	76.8	0.002	1.46	0.24	6.6	2	1.2	833	0.40	<0.05	6.9	0.199	0.47
M400411		650	6.7	49.3	<0.002	0.93	0.18	4.3	1	0.7	770	0.24	<0.05	4.0	0.113	0.28
M400412		540	4.2	21.7	<0.002	0.73	0.10	2.3	<1	0.4	1025	0.12	<0.05	2.4	0.062	0.12
M400413		540	4.3	21.6	<0.002	0.71	0.11	2.3	1	0.4	1010	0.13	<0.05	2.4	0.063	0.13
M400414		700	9.3	69.0	<0.002	1.54	0.24	6.1	1	1.1	710	0.34	<0.05	5.9	0.167	0.36

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138742

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M400379		3.6	93	1.7	20.2	93	103.0
M400380		3.2	89	1.7	16.7	99	92.2
M400381		3.1	91	1.8	21.8	109	104.0
M400382		2.6	105	1.7	22.0	107	114.5
M400383		0.5	2	0.1	0.8	16	<0.5
M400384		3.0	96	1.6	22.5	102	117.0
M400385		2.1	59	1.3	19.3	98	93.8
M400386		2.9	65	1.0	17.1	76	72.7
M400387		8.9	65	0.9	15.0	63	70.7
M400388		1.1	2	0.1	0.7	15	<0.5
M400389		9.0	36	0.5	10.9	52	39.7
M400390		10.2	34	0.5	8.2	52	36.6
M400391		8.6	35	0.5	8.7	56	37.9
M400392		9.6	27	0.4	7.5	57	28.2
M400393		5.2	55	0.7	13.4	66	60.5
M400394		5.4	55	0.7	13.5	77	60.0
M400395		7.8	52	0.7	13.1	68	64.9
M400396		7.1	58	0.8	12.7	61	67.8
M400397		9.6	32	0.6	8.7	72	36.5
M400398		4.4	68	1.0	15.7	86	73.0
M400399		2.7	64	1.0	17.9	78	76.3
M400400		2.4	62	1.1	15.8	69	80.6
M400401		2.6	62	1.1	14.9	70	83.1
M400402		2.4	67	1.1	15.4	63	83.3
M400403		2.1	72	4.9	14.5	46	65.1
M400404		2.0	46	0.9	12.3	42	64.9
M400405		2.6	74	1.3	16.4	74	91.6
M400406		2.2	40	0.7	11.9	47	55.5
M400407		2.8	68	1.3	16.0	90	85.1
M400408		2.1	75	5.0	14.6	50	62.1
M400409		1.9	29	0.6	10.5	30	49.7
M400410		2.3	41	0.8	11.8	46	60.2
M400411		1.8	24	0.5	7.8	31	32.1
M400412		1.3	12	0.3	5.5	15	21.4
M400413		1.3	12	0.3	5.4	20	21.1
M400414		2.1	34	0.7	10.3	49	47.4

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138742

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

CERTIFICATE WH13137047

Project: Nadaleen

P.O. No.: 13-032

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137047

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M397904		11.61	0.08	0.13	1.72	165	90	0.65	0.08	16.30	0.15	23.7	2.9	22	4.10	11.4
M397905		11.27	0.18	0.14	0.91	6660	70	0.32	0.05	17.80	0.46	10.45	1.8	13	1.45	7.5
M397906		11.80	0.66	0.14	2.46	932	90	0.77	0.08	13.05	0.19	31.3	4.1	34	5.56	18.7
M397907		11.07	0.37	0.41	0.89	640	60	0.38	0.05	17.10	0.32	13.60	2.4	14	1.75	9.7
M397908		10.81	0.13	0.08	1.59	519	130	0.56	0.06	15.75	0.24	20.5	2.9	19	3.36	11.7
M397909		0.21	2.54	0.17	3.62	5770	190	0.94	0.16	11.80	0.14	40.5	11.2	45	9.59	34.8
M397910		10.69	2.98	0.15	3.63	3660	200	0.90	0.13	9.53	0.28	38.6	6.2	40	7.54	23.7
M397911		6.80	0.92	0.13	3.04	967	440	0.71	0.10	9.00	0.18	33.7	5.2	35	5.85	18.3
M397912		6.13	0.08	0.13	4.30	784	340	1.13	0.13	9.58	0.07	53.0	8.3	49	10.80	25.1
M397913		6.91	<0.01	<0.01	0.04	<5	20	<0.05	0.03	19.95	0.06	1.07	0.6	1	0.13	1.9
M397914		8.08	<0.01	0.06	1.98	103	110	0.79	0.07	27.1	0.04	26.5	3.6	20	8.31	10.2
M397915		11.31	<0.01	0.04	4.37	30	140	1.61	0.13	18.30	0.02	51.8	7.5	41	34.0	17.6
M397916		11.39	0.01	0.03	3.62	46	130	1.30	0.10	20.4	0.04	41.5	6.0	34	28.2	16.1
M397917		11.63	0.52	0.06	3.81	450	180	1.55	0.11	15.00	0.04	45.9	6.8	39	26.9	19.9
M397918		11.71	0.37	0.05	1.13	141	1140	0.54	0.04	29.0	0.30	13.50	2.1	13	4.43	6.0
M397919		5.12	0.29	0.04	0.97	146	1350	0.54	0.04	28.1	0.29	13.45	1.8	12	3.64	5.8
M397920		10.60	0.51	0.05	1.88	2630	3000	0.77	0.06	18.30	0.25	27.1	2.9	22	6.61	9.6
M397921		12.04	0.13	0.08	1.66	76	560	0.76	0.06	24.3	0.16	21.8	3.3	26	8.64	10.7
M397922		11.17	0.30	0.06	2.45	147	220	1.02	0.08	21.8	0.11	30.8	4.3	27	12.40	12.7
M397923		10.92	0.23	0.04	1.26	91	150	0.64	0.05	27.6	0.23	18.05	2.6	16	4.19	8.7
M397924		12.29	0.14	0.06	1.63	47	630	0.63	0.06	30.5	0.26	22.2	2.9	20	5.65	13.4
M397925		10.83	0.01	0.03	0.66	39	1500	0.33	0.04	34.1	0.22	10.95	1.5	8	1.99	5.8
M397926		11.37	0.03	0.06	2.06	52	1850	0.76	0.07	23.5	0.07	29.8	3.7	26	7.35	15.8
M397927		10.77	0.01	0.05	2.89	39	1160	1.16	0.09	19.40	0.08	33.9	5.6	30	14.00	20.4
M397928		10.32	<0.01	0.05	1.36	13	1220	0.54	0.05	28.8	0.10	18.20	2.5	14	5.78	9.7
M397929		11.48	<0.01	0.08	3.44	48	1100	1.25	0.09	15.10	0.09	40.3	6.0	37	14.30	20.8
M397930		<0.02	0.01	0.08	3.40	46	1120	1.21	0.09	15.45	0.09	41.8	6.3	35	14.80	21.5
M397931		7.92	<0.01	0.04	2.38	6	170	0.92	0.07	23.3	0.17	30.4	4.9	25	10.95	17.8
M397932		7.70	<0.01	0.03	2.75	<5	170	0.98	0.09	18.15	0.17	33.7	5.3	30	11.60	20.8
M397933		7.86	<0.01	0.02	4.02	10	190	1.42	0.12	12.60	0.12	47.4	7.2	42	18.50	28.5
M397934		7.29	<0.01	0.03	2.99	26	170	1.28	0.10	19.60	0.09	38.6	5.8	31	13.00	24.8
M397935		0.21	2.57	0.16	3.76	5080	200	1.02	0.14	12.15	0.15	41.7	11.5	43	10.70	36.9
M397936		8.14	0.75	0.06	4.25	1110	160	1.29	0.15	11.90	0.13	52.0	7.3	42	10.20	29.0
M397937		8.30	0.31	0.06	4.52	1140	180	1.36	0.15	11.35	0.21	55.6	9.3	49	10.05	34.5
M397938		5.04	0.01	0.01	0.06	6	40	0.06	0.03	21.3	0.08	1.23	0.6	<1	0.13	1.8
M397939		6.83	0.08	0.05	3.62	118	180	1.07	0.11	15.60	0.23	43.8	6.4	35	7.36	18.6

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137047

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M397904		0.91	4.40	0.14	1.3	1.33	0.016	0.89	11.0	10.1	9.68	433	0.98	0.01	2.9	7.2
M397905		0.72	2.36	0.12	0.6	1.84	0.010	0.42	5.7	5.1	11.00	515	0.88	0.01	1.5	4.5
M397906		1.04	6.40	0.15	2.0	2.97	0.020	1.24	14.8	13.8	8.28	488	0.91	0.02	4.4	12.3
M397907		0.53	2.28	0.15	0.7	2.00	0.007	0.44	7.7	5.1	10.45	680	1.64	0.01	1.6	5.4
M397908		0.83	4.22	0.14	1.1	3.47	0.014	0.77	9.7	9.0	9.75	406	0.93	0.01	2.5	7.2
M397909		2.71	8.98	0.15	2.0	16.7	0.033	1.72	21.0	13.4	2.45	1120	2.01	0.02	5.4	24.4
M397910		1.34	9.28	0.17	2.5	28.3	0.023	1.78	21.2	16.1	5.22	1560	0.97	0.02	5.8	14.6
M397911		1.40	7.65	0.14	2.0	13.4	0.025	1.44	18.3	13.6	4.74	920	1.07	0.02	4.6	12.7
M397912		1.59	10.90	0.17	3.4	11.9	0.031	2.03	28.1	20.4	4.91	489	1.19	0.03	7.5	18.2
M397913		0.44	0.16	0.11	<0.1	0.02	<0.005	0.02	0.5	1.1	12.45	202	0.07	<0.01	0.1	1.1
M397914		0.91	4.70	0.14	0.8	1.12	0.015	1.01	12.7	9.2	1.44	353	0.58	0.01	2.5	8.5
M397915		1.87	10.25	0.19	1.4	0.51	0.028	2.46	26.9	23.6	2.12	260	0.62	0.02	5.3	18.2
M397916		1.62	8.36	0.16	1.2	0.59	0.024	1.99	21.9	18.0	2.27	228	0.52	0.02	4.4	13.9
M397917		1.60	9.12	0.17	1.9	8.3	0.024	2.23	23.7	20.7	2.91	326	0.78	0.03	5.2	16.8
M397918		0.52	2.66	0.14	0.7	5.27	0.009	0.61	7.4	5.1	1.66	189	0.54	0.01	1.7	4.4
M397919		0.48	2.31	0.14	0.7	4.13	0.009	0.54	7.3	4.5	1.69	174	0.52	0.01	1.4	3.7
M397920		0.90	4.56	0.15	1.9	3.62	0.015	1.08	12.3	9.0	3.56	213	0.62	0.02	3.1	6.3
M397921		0.84	4.13	0.14	1.0	1.57	0.013	0.96	10.2	9.0	2.57	167	0.66	0.02	2.6	8.1
M397922		1.00	5.95	0.16	1.6	2.65	0.020	1.50	14.2	16.4	1.62	201	0.49	0.02	3.6	10.7
M397923		0.68	3.16	0.14	0.8	1.88	0.014	0.77	9.2	8.1	1.77	203	0.26	0.01	2.0	5.6
M397924		0.79	3.92	0.15	0.8	0.83	0.014	0.94	11.3	9.1	1.53	156	0.49	0.01	2.5	7.1
M397925		0.37	1.61	0.13	0.3	0.39	0.007	0.37	6.6	3.9	0.61	127	0.31	<0.01	1.0	2.8
M397926		1.11	4.90	0.16	1.1	0.33	0.018	1.21	13.6	15.0	2.11	181	0.60	0.01	3.2	9.4
M397927		1.39	8.22	0.10	1.4	0.26	0.019	1.72	18.3	20.5	2.57	178	0.52	0.02	4.5	13.8
M397928		0.65	3.68	0.09	0.6	0.16	0.011	0.78	10.0	7.5	0.96	119	0.56	0.01	2.0	6.3
M397929		1.67	9.24	0.11	1.7	0.26	0.028	2.06	20.8	18.7	2.74	187	1.02	0.02	5.2	15.8
M397930		1.64	9.56	0.13	1.8	0.26	0.025	1.96	21.5	19.5	2.77	179	0.97	0.02	5.3	16.1
M397931		1.02	6.92	0.13	1.3	0.08	0.019	1.34	16.0	11.7	2.10	356	0.51	0.02	4.1	12.1
M397932		1.25	7.60	0.10	1.5	0.07	0.022	1.56	17.8	11.8	3.54	360	0.48	0.03	4.6	14.2
M397933		1.59	10.90	0.13	2.0	0.08	0.033	2.24	24.8	19.1	4.26	401	0.37	0.03	6.4	19.8
M397934		1.21	8.93	0.16	1.6	0.20	0.024	1.62	20.4	16.3	2.67	552	0.43	0.03	5.4	15.7
M397935		2.82	10.30	0.06	1.9	16.8	0.031	1.78	21.6	12.4	2.55	1140	1.76	0.02	5.7	25.2
M397936		1.86	12.05	0.09	2.1	6.76	0.035	2.23	27.2	17.2	4.03	947	0.58	0.03	7.0	19.0
M397937		1.54	11.65	0.27	2.3	11.40	0.029	2.38	29.4	19.6	4.14	828	0.54	0.03	7.3	16.1
M397938		0.47	0.22	0.21	<0.1	0.02	<0.005	0.02	0.6	1.0	13.35	214	0.29	<0.01	0.2	1.5
M397939		1.25	9.43	0.25	1.7	6.47	0.012	1.88	23.9	14.4	3.30	695	0.41	0.02	5.6	12.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137047

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397904		310	10.8	30.6	<0.002	0.65	0.58	3.1	1	0.6	113.5	0.22	<0.05	4.4	0.085	3.04
M397905		190	8.5	13.0	<0.002	0.82	2.21	1.7	1	0.4	108.5	0.12	<0.05	2.2	0.045	4.35
M397906		560	11.5	44.9	<0.002	0.82	1.26	4.2	1	0.9	103.5	0.34	<0.05	6.4	0.127	8.11
M397907		340	7.4	13.8	0.004	0.45	0.99	1.7	1	0.4	106.0	0.12	<0.05	2.4	0.046	4.82
M397908		320	7.6	24.0	0.002	0.59	0.64	2.7	1	0.6	103.0	0.19	<0.05	3.9	0.076	5.20
M397909		410	10.5	79.4	0.002	2.41	20.8	9.9	1	1.5	306	0.43	<0.05	6.5	0.259	43.5
M397910		580	12.4	63.2	<0.002	0.89	4.00	5.2	2	1.4	225	0.46	<0.05	8.7	0.174	52.7
M397911		540	11.3	53.7	0.002	0.59	3.57	4.1	1	1.2	343	0.37	<0.05	6.8	0.140	40.3
M397912		530	10.5	73.3	<0.002	0.55	2.04	7.1	2	1.5	323	0.61	<0.05	11.5	0.231	26.1
M397913		170	1.2	0.9	<0.002	0.01	0.06	0.2	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.22
M397914		280	5.9	37.1	<0.002	0.26	0.29	3.5	1	0.6	762	0.21	<0.05	4.0	0.081	2.55
M397915		490	6.8	91.8	<0.002	0.38	0.23	6.9	1	1.1	624	0.44	<0.05	8.8	0.174	1.40
M397916		440	5.7	73.5	<0.002	0.31	0.22	5.5	1	0.9	508	0.34	<0.05	7.0	0.144	1.29
M397917		610	7.4	82.5	<0.002	0.45	0.47	6.1	2	1.1	246	0.43	<0.05	8.4	0.166	13.25
M397918		250	3.7	19.2	<0.002	0.19	0.35	1.8	1	0.4	688	0.12	<0.05	2.5	0.052	8.29
M397919		260	3.6	17.1	<0.002	0.16	0.33	1.6	1	0.4	712	0.11	<0.05	2.3	0.045	6.35
M397920		320	6.4	39.1	<0.002	0.35	0.56	3.1	2	0.7	499	0.25	<0.05	5.2	0.094	6.64
M397921		350	5.4	35.5	<0.002	0.21	0.24	2.8	2	0.6	678	0.21	<0.05	4.1	0.080	2.30
M397922		390	5.4	55.6	<0.002	0.22	0.40	4.1	1	0.8	563	0.28	<0.05	5.7	0.111	5.33
M397923		260	5.0	25.2	<0.002	0.09	0.27	2.2	1	0.5	662	0.16	<0.05	3.1	0.064	2.67
M397924		360	8.0	33.3	<0.002	0.17	0.24	2.7	1	0.6	879	0.21	<0.05	3.9	0.079	1.88
M397925		120	5.0	12.1	<0.002	0.15	0.20	1.3	1	0.3	1215	0.08	<0.05	1.6	0.031	0.97
M397926		380	6.2	44.3	<0.002	0.23	0.25	3.4	1	0.7	849	0.25	<0.05	5.1	0.102	1.47
M397927		360	6.1	71.8	<0.002	0.25	0.24	4.7	1	1.0	565	0.34	<0.05	5.9	0.129	1.29
M397928		220	4.5	29.5	0.002	0.18	0.13	2.2	<1	0.4	870	0.15	<0.05	2.7	0.061	0.44
M397929		540	7.5	79.5	0.002	0.39	0.25	5.2	2	1.2	420	0.40	<0.05	7.1	0.165	0.83
M397930		550	7.8	82.7	<0.002	0.38	0.25	5.4	2	1.2	431	0.42	<0.05	7.4	0.155	0.82
M397931		320	6.0	54.9	<0.002	0.11	0.23	4.0	2	0.9	592	0.31	<0.05	5.4	0.112	0.35
M397932		320	7.1	58.9	<0.002	0.09	0.20	4.4	1	1.0	447	0.35	<0.05	6.0	0.134	0.35
M397933		430	9.1	85.9	<0.002	0.16	0.25	6.2	2	1.5	230	0.51	<0.05	8.7	0.192	0.46
M397934		340	8.2	68.5	<0.002	0.17	0.21	5.1	2	1.2	389	0.41	<0.05	6.8	0.140	0.44
M397935		420	10.8	85.7	0.002	2.56	20.5	9.3	1	1.6	314	0.42	0.05	6.3	0.262	38.3
M397936		460	11.8	89.6	<0.002	0.91	7.00	7.1	2	1.6	233	0.54	<0.05	9.2	0.200	11.15
M397937		500	14.9	91.6	<0.002	0.70	5.28	7.1	3	1.5	194.5	0.55	<0.05	9.8	0.217	5.95
M397938		160	1.4	1.0	<0.002	<0.01	0.05	0.2	<1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	0.02
M397939		370	10.3	69.3	<0.002	0.77	3.54	5.4	2	1.3	264	0.42	<0.05	7.2	0.168	6.11

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137047

Sample Description / Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M397904	15.0	35	1.6	7.3	36	44.3
M397905	26.4	25	1.4	4.3	108	19.2
M397906	15.3	45	2.7	9.9	36	73.4
M397907	19.8	50	1.1	4.5	38	22.5
M397908	18.2	33	1.5	6.4	38	36.9
M397909	6.8	80	7.5	18.2	46	80.5
M397910	17.5	65	3.4	9.8	87	86.4
M397911	17.7	53	3.0	7.6	77	68.6
M397912	10.7	76	4.2	14.1	22	126.0
M397913	0.7	2	0.1	0.7	15	<0.5
M397914	17.6	35	1.5	7.8	22	27.3
M397915	9.0	65	3.2	10.9	22	48.5
M397916	9.4	54	2.9	9.2	22	46.2
M397917	7.0	61	5.4	11.4	27	65.0
M397918	7.8	21	1.4	4.7	32	25.0
M397919	7.5	18	1.1	4.6	38	25.4
M397920	10.0	29	2.3	7.9	41	67.8
M397921	7.5	31	1.9	6.4	15	34.3
M397922	8.4	44	2.5	8.0	15	53.4
M397923	7.8	23	1.1	5.6	32	25.8
M397924	13.4	28	1.1	6.8	48	26.7
M397925	13.6	13	0.6	3.7	39	9.9
M397926	8.5	37	1.0	8.2	46	38.0
M397927	9.5	47	0.8	9.4	28	50.6
M397928	16.1	26	0.4	5.3	31	20.5
M397929	7.8	57	0.9	11.2	40	63.1
M397930	7.7	54	0.9	11.8	40	65.8
M397931	8.0	34	0.5	8.8	43	47.3
M397932	6.7	43	0.5	9.7	55	55.3
M397933	4.8	56	0.7	13.3	55	71.6
M397934	8.1	41	0.6	11.2	32	57.7
M397935	6.8	81	6.6	17.9	45	71.8
M397936	6.2	56	3.5	14.1	29	76.4
M397937	5.5	62	3.3	15.5	93	78.7
M397938	0.9	2	0.1	0.8	17	<0.5
M397939	9.8	50	1.9	10.2	90	59.7

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13137047

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

CERTIFICATE WH13140659

Project: Nadaleen
P.O. No.: 13-033
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13140659

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M400415	11.27	0.01	0.05	5.44	16	250	1.42	0.18	16.50	0.04	61.8	9.2	43	18.15	19.1
M400416	10.58	<0.01	0.05	3.92	11	240	0.97	0.12	21.8	0.05	50.0	6.8	31	12.30	13.4
M400417	10.82	<0.01	0.05	2.77	13	170	0.67	0.09	23.7	0.05	37.3	4.9	26	8.09	10.8
M400418	5.18	<0.01	0.04	2.28	8	170	0.62	0.08	24.1	<0.02	31.8	4.0	21	6.64	8.2
M400419	10.91	<0.01	0.05	4.94	19	280	1.18	0.16	15.60	0.06	60.0	9.7	40	15.15	16.4
M400420	10.77	0.01	0.05	6.68	13.9	350	1.77	0.24	8.86	0.02	78.1	12.0	52	25.6	22.8
M400421	10.09	<0.01	0.04	6.10	24	290	1.39	0.22	10.85	0.05	74.6	12.4	51	19.75	24.1
M400422	11.89	<0.01	0.04	6.55	23	310	1.50	0.25	11.60	0.03	78.1	11.3	50	21.8	22.9
M400423	11.11	<0.01	0.04	5.46	19	400	1.24	0.20	12.20	0.07	65.0	10.9	48	15.75	22.4
M400424	11.17	<0.01	0.11	8.91	26.8	340	2.43	0.33	0.31	0.02	65.9	22.9	77	33.2	37.9
M400425	6.99	<0.01	0.01	0.07	<5	50	0.09	0.03	20.6	0.07	1.30	0.9	<1	0.20	3.9
M400426	10.64	<0.01	0.03	7.73	12.7	400	1.91	0.25	5.23	0.02	81.7	13.1	59	26.8	37.9
M400427	11.44	<0.01	0.08	2.21	7	210	0.64	0.06	25.7	0.07	28.0	4.6	19	7.87	11.8
M400428	10.44	<0.01	0.04	3.99	17	190	0.98	0.10	19.30	0.03	44.5	7.3	31	17.20	16.8
M400429	10.97	<0.01	0.08	2.57	11	420	0.68	0.06	25.4	0.04	31.1	4.5	21	10.35	12.2
M400430	11.37	<0.01	0.06	2.45	28	270	0.71	0.07	25.5	0.03	31.4	4.8	20	9.99	11.3
M400431	6.65	0.01	0.07	3.26	37	310	0.79	0.07	13.95	0.05	41.1	4.0	34	11.10	21.0
M400432	9.48	<0.01	0.05	2.95	33	150	0.74	0.07	11.45	0.07	39.8	3.4	33	9.32	19.0
M400433	<0.02	0.01	0.05	3.08	32	160	0.80	0.09	11.55	0.07	45.2	3.9	34	10.50	19.5
M400434	10.12	0.01	0.05	3.58	19	330	0.97	0.11	10.05	0.04	47.9	4.3	41	13.60	23.9
M400435	13.02	0.01	0.06	3.57	22	1180	0.95	0.10	11.20	0.04	43.4	5.8	36	14.50	22.2
M400436	11.58	0.02	0.07	3.99	59.6	270	1.15	0.10	9.88	0.19	46.3	6.6	39	17.20	26.4
M400437	12.26	<0.01	0.09	2.44	58	560	0.85	0.08	13.35	0.08	32.0	6.5	21	9.23	13.8
M400438	6.91	<0.01	<0.01	0.05	<5	30	<0.05	0.02	21.2	0.06	1.27	1.1	<1	0.23	1.9
M400439	11.77	<0.01	0.07	2.63	66	200	1.04	0.07	23.0	0.07	31.9	6.2	24	10.70	13.9
M400440	11.21	0.02	0.09	2.76	51	150	1.06	0.07	21.0	0.08	31.7	7.1	24	10.55	13.9
M400441	11.98	0.04	0.05	1.85	71	180	0.76	0.05	26.9	0.03	25.4	4.4	17	7.36	10.3
M400442	0.26	2.65	0.18	3.73	6020	200	0.82	0.15	11.70	0.14	41.3	13.1	45	10.20	39.3
M400443	11.81	0.08	0.05	2.59	90	210	1.01	0.07	24.7	0.05	32.7	5.2	24	11.40	13.7
M400444	11.35	0.03	0.04	3.92	56	160	1.44	0.10	19.15	0.04	44.1	8.7	35	17.70	23.2
M400445	12.83	0.03	0.09	3.60	120	200	1.16	0.07	21.7	0.05	40.9	7.2	31	14.20	17.0
M400446	10.99	0.01	0.06	4.19	116	200	1.51	0.09	15.35	0.06	49.4	8.4	39	18.80	21.2
M400447	11.92	<0.01	0.05	1.38	32	120	0.51	0.04	28.8	0.20	20.7	2.9	16	5.66	7.6
M400448	0.26	0.52	0.08	3.50	2390	200	0.76	0.13	18.40	0.12	38.4	11.1	43	10.10	41.7
M400449	11.18	0.01	0.03	1.80	79	280	0.51	0.04	26.5	0.12	22.1	3.5	20	6.44	9.9
M400450	12.46	<0.01	0.03	0.73	57	310	0.31	0.02	32.5	0.21	12.60	1.8	10	2.38	3.9

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13140659

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M400415		2.40	12.85	0.10	2.1	0.18	0.045	2.09	32.0	46.4	0.90	332	0.53	0.21	7.3	19.9
M400416		2.01	9.36	0.09	1.7	0.1	0.032	1.54	25.3	34.2	0.89	269	0.40	0.12	5.5	14.4
M400417		1.68	6.76	0.08	1.4	0.1	0.028	1.12	18.9	21.9	0.75	321	0.41	0.06	4.1	11.5
M400418		1.47	5.32	0.07	1.0	0.09	0.018	0.92	15.3	19.2	0.68	303	0.32	0.05	3.3	9.3
M400419		2.68	11.85	0.11	2.1	0.19	0.036	2.00	30.5	42.9	0.99	409	0.49	0.06	6.9	20.3
M400420		3.39	16.45	0.12	2.8	0.07	0.051	2.81	40.6	57.4	1.51	415	0.24	0.07	9.4	23.4
M400421		3.02	14.75	0.13	2.4	0.11	0.046	2.59	38.4	59.4	1.12	415	0.40	0.06	8.0	24.7
M400422		2.81	15.70	0.12	2.3	0.1	0.049	2.85	41.1	53.4	0.91	467	0.28	0.06	8.6	21.2
M400423		3.34	13.30	0.12	2.3	0.10	0.045	2.08	33.5	77.3	1.32	694	0.49	0.06	7.7	23.2
M400424		4.20	23.5	0.14	3.3	0.07	0.067	3.83	31.3	148.5	1.20	173	0.49	0.08	12.8	42.1
M400425		0.47	0.31	<0.05	<0.1	<0.1	0.005	0.02	0.6	1.8	12.55	205	0.08	<0.01	0.2	1.8
M400426		3.42	19.25	0.14	2.8	0.04	0.059	3.17	44.3	111.5	2.13	825	0.28	0.06	10.9	31.9
M400427		1.07	5.31	0.06	0.8	0.1	0.015	1.06	14.4	8.7	1.53	498	0.79	0.02	3.0	10.2
M400428		1.59	9.80	0.08	1.3	0.08	0.025	1.97	23.5	17.2	2.05	247	0.51	0.03	5.3	16.9
M400429		1.01	6.39	0.06	1.0	0.1	0.016	1.28	17.0	11.0	1.55	200	0.74	0.02	3.6	11.0
M400430		1.03	6.13	0.06	1.0	0.1	0.019	1.24	15.9	11.3	1.58	181	0.52	0.02	3.4	11.8
M400431		1.41	7.33	0.15	2.5	0.16	0.020	1.62	21.4	11.6	3.95	235	0.49	0.03	4.7	10.0
M400432		1.37	6.72	0.14	3.0	0.40	0.010	1.51	20.1	11.2	5.33	270	0.37	0.02	4.6	8.0
M400433		1.39	7.57	0.20	3.3	0.4	0.015	1.56	22.9	12.5	5.41	272	0.39	0.02	5.3	9.0
M400434		1.31	8.91	0.20	3.9	0.11	0.019	1.87	24.6	14.0	4.93	249	0.38	0.03	6.1	12.2
M400435		2.02	8.17	0.15	3.3	0.2	0.017	1.87	22.0	14.7	5.76	283	0.47	0.02	4.9	18.9
M400436		1.63	9.43	0.18	2.7	0.87	0.015	2.16	23.6	18.7	4.85	280	0.65	0.03	5.2	16.0
M400437		1.39	6.99	0.09	1.7	0.3	0.018	1.27	16.6	15.2	7.13	288	0.68	0.02	4.2	13.4
M400438		0.47	0.29	0.11	<0.1	<0.1	<0.005	0.02	0.6	1.0	13.00	216	0.09	<0.01	0.4	1.3
M400439		1.13	7.50	0.11	0.9	0.4	0.018	1.37	16.9	17.8	2.59	200	0.71	0.02	4.1	14.4
M400440		1.54	7.87	0.09	1.0	0.42	0.018	1.45	16.9	16.1	4.63	251	0.82	0.01	4.4	17.7
M400441		0.89	5.23	0.09	0.7	0.64	0.014	1.00	14.2	10.9	1.44	399	0.56	0.01	3.0	9.0
M400442		2.81	11.10	0.12	2.1	14.8	0.040	1.75	20.9	12.7	2.52	1170	2.06	0.02	6.9	27.6
M400443		0.99	7.18	0.09	1.0	0.5	0.017	1.39	16.8	16.0	1.60	426	0.65	0.02	4.2	10.3
M400444		1.52	11.00	0.11	1.5	0.4	0.028	2.11	23.1	27.1	2.34	390	0.70	0.02	6.1	19.6
M400445		1.13	10.15	0.10	1.2	0.4	0.025	1.92	21.6	20.5	1.67	313	1.01	0.02	5.4	13.9
M400446		1.45	12.00	0.12	2.0	0.4	0.029	2.41	25.5	25.7	2.60	273	0.95	0.02	6.8	18.6
M400447		0.65	3.79	0.08	0.9	0.1	0.010	0.79	11.7	7.4	1.77	177	0.55	0.01	2.7	4.5
M400448		2.88	10.05	0.11	1.9	3.2	0.041	1.63	18.6	8.9	1.38	1140	1.76	0.02	6.8	23.4
M400449		0.76	4.99	0.08	1.1	0.2	0.012	1.02	12.6	9.1	1.70	221	0.48	0.01	3.3	7.0
M400450		0.51	1.99	0.07	0.5	0.4	0.005	0.40	7.1	4.0	1.18	190	0.35	0.01	1.5	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13140659

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M400415		930	14.4	106.5	0.003	1.86	0.31	8.8	2	1.5	469	0.54	<0.05	9.7	0.248	0.57
M400416		690	10.8	76.9	0.002	1.42	0.23	6.7	2	1.2	715	0.42	<0.05	7.2	0.187	0.55
M400417		1170	8.7	54.2	<0.002	1.06	0.20	5.0	1	0.8	979	0.30	<0.05	5.3	0.141	0.67
M400418		980	7.2	44.4	<0.002	0.91	0.17	3.9	1	0.7	999	0.24	<0.05	4.4	0.112	0.55
M400419		1040	17.9	97.0	0.002	1.59	0.35	8.5	2	1.5	571	0.54	<0.05	9.1	0.237	1.04
M400420		610	16.7	141.0	<0.002	1.27	0.32	11.8	1	2.1	263	0.74	<0.05	12.4	0.327	0.77
M400421		1100	17.8	123.5	<0.002	1.43	0.51	10.2	2	1.8	386	0.64	0.05	11.3	0.275	0.98
M400422		510	12.6	135.5	<0.002	1.11	0.81	10.8	1	1.8	413	0.65	<0.05	11.7	0.289	1.19
M400423		770	26.9	96.7	<0.002	0.89	1.16	9.7	1	1.6	486	0.61	<0.05	10.3	0.261	0.90
M400424		580	39.4	149.0	<0.002	0.43	0.94	16.0	1	2.8	103.0	0.96	0.08	12.3	0.441	0.96
M400425		150	1.6	1.3	<0.002	0.01	<0.05	0.2	<1	<0.2	51.3	<0.05	<0.05	<0.2	<0.005	<0.02
M400426		520	16.0	141.0	<0.002	0.43	0.33	12.8	1	2.3	215	0.84	<0.05	13.6	0.355	0.69
M400427		290	14.1	42.7	<0.002	0.14	0.34	3.5	1	0.6	766	0.23	<0.05	4.1	0.087	0.26
M400428		440	7.2	77.5	<0.002	0.22	0.32	6.2	2	1.0	584	0.39	<0.05	7.4	0.153	0.37
M400429		350	5.8	49.9	0.003	0.13	0.15	4.0	1	0.7	599	0.27	<0.05	5.0	0.104	0.26
M400430		320	7.0	48.5	<0.002	0.12	0.22	4.1	1	0.7	747	0.25	<0.05	4.9	0.098	0.27
M400431		530	6.7	53.9	<0.002	0.18	0.22	4.8	2	1.1	262	0.40	<0.05	6.8	0.162	0.28
M400432		470	5.7	48.8	<0.002	0.14	0.19	4.3	1	1.0	189.5	0.38	<0.05	7.0	0.159	0.27
M400433		480	6.5	54.4	<0.002	0.15	0.25	4.9	2	1.1	197.0	0.42	<0.05	7.8	0.164	0.31
M400434		540	8.9	65.9	<0.002	0.27	0.22	5.6	2	1.4	160.5	0.52	<0.05	9.3	0.195	0.40
M400435		520	11.6	62.1	<0.002	1.09	0.25	5.0	2	1.1	175.5	0.40	<0.05	7.6	0.166	0.41
M400436		530	8.3	71.1	<0.002	0.52	0.60	5.8	2	1.3	179.5	0.43	<0.05	8.0	0.178	1.09
M400437		300	10.8	49.1	<0.002	0.40	0.34	4.2	2	0.8	173.5	0.30	<0.05	5.7	0.101	0.71
M400438		190	1.2	1.5	<0.002	<0.01	0.06	0.2	1	0.2	53.4	<0.05	<0.05	<0.2	<0.005	<0.02
M400439		310	10.4	56.6	<0.002	0.49	0.33	4.8	2	0.8	586	0.29	<0.05	5.5	0.101	0.71
M400440		350	10.3	57.9	<0.002	0.92	0.45	4.8	2	0.8	428	0.31	<0.05	6.1	0.108	1.62
M400441		230	7.4	39.5	<0.002	0.37	0.63	3.3	2	0.7	698	0.21	<0.05	4.0	0.074	1.80
M400442		420	11.3	88.2	0.002	2.49	23.9	10.9	2	1.8	316	0.47	0.05	7.0	0.266	48.1
M400443		330	5.8	57.8	<0.002	0.26	0.76	4.4	2	0.8	665	0.29	<0.05	5.4	0.101	1.71
M400444		490	7.2	89.4	<0.002	0.41	0.39	6.5	2	1.2	424	0.42	<0.05	8.2	0.154	0.75
M400445		390	8.9	78.0	<0.002	0.27	0.54	6.0	2	1.1	760	0.38	<0.05	7.5	0.135	1.48
M400446		540	9.6	97.9	<0.002	0.39	0.42	7.6	2	1.3	497	0.50	<0.05	9.3	0.171	1.61
M400447		340	4.2	30.7	<0.002	0.12	0.20	2.3	2	0.5	1285	0.19	<0.05	3.3	0.064	0.60
M400448		370	8.5	83.5	<0.002	2.42	9.55	9.3	2	1.5	713	0.46	0.06	6.2	0.254	11.50
M400449		340	4.3	39.2	<0.002	0.11	0.42	3.0	2	0.6	868	0.24	<0.05	4.1	0.081	1.12
M400450		390	2.8	17.7	<0.002	0.09	0.29	1.2	2	0.3	1310	0.10	<0.05	1.7	0.034	0.82

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13140659

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M400415		3.2	48	1.1	14.0	50	72.5
M400416		2.4	35	0.8	11.7	54	56.8
M400417		2.2	28	0.6	10.0	36	47.8
M400418		2.0	22	0.5	8.5	28	39.6
M400419		2.9	49	1.0	14.6	82	73.9
M400420		3.0	67	1.3	17.9	57	95.3
M400421		2.9	55	1.2	17.9	74	85.2
M400422		2.8	57	1.2	15.9	64	80.6
M400423		2.6	53	1.1	17.2	72	76.9
M400424		3.2	95	1.7	17.9	98	111.0
M400425		0.5	1	0.1	0.8	19	0.5
M400426		5.4	76	1.4	17.3	86	90.3
M400427		12.6	35	0.4	7.2	17	27.4
M400428		8.6	54	0.6	9.9	16	45.9
M400429		10.7	43	0.4	7.6	12	37.1
M400430		10.9	37	0.4	7.8	14	35.7
M400431		4.3	51	0.5	11.7	20	83.9
M400432		3.4	46	0.6	11.7	14	101.5
M400433		3.7	47	0.7	13.0	15	112.5
M400434		4.0	56	0.7	13.9	10	130.0
M400435		4.4	51	0.6	11.9	17	108.5
M400436		7.1	57	0.8	11.7	90	95.6
M400437		8.6	36	0.5	10.6	32	64.4
M400438		0.8	1	0.1	1.1	16	0.5
M400439		11.6	42	0.6	10.1	43	37.8
M400440		11.3	45	0.8	9.2	39	38.2
M400441		12.4	33	0.8	8.3	17	29.1
M400442		7.0	82	8.0	20.8	48	77.4
M400443		11.3	43	1.1	9.9	33	36.5
M400444		8.9	60	0.9	13.4	24	58.8
M400445		9.1	63	1.6	11.2	34	40.4
M400446		7.6	68	1.0	14.3	40	73.3
M400447		7.6	26	0.4	7.9	22	34.3
M400448		2.4	70	5.4	18.1	45	69.9
M400449		7.7	31	0.7	8.4	13	42.2
M400450		7.2	16	0.3	5.1	6	19.9

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13140659

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2013
Account: RCM

CERTIFICATE WH13142554

Project: Nadaleen
P.O. No.: 13-034
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142554

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M400451	6.26	0.18	0.07	2.13	296	110	0.74	0.06	23.7	0.10	27.1	3.8	23	7.49	11.7
M400452	0.25	13.15	0.64	4.31	8590	280	0.71	0.21	3.50	0.53	50.9	15.3	61	11.95	63.6
M400453	9.13	0.92	0.19	3.06	544	120	0.82	0.10	17.90	0.07	37.7	6.8	33	8.98	17.2
M400454	9.89	26.0	1.92	2.69	>10000	90	0.59	0.10	9.19	0.84	43.2	5.2	29	5.42	26.6
M400455	6.97	0.01	0.01	0.07	158	30	<0.05	0.05	20.5	0.07	1.39	1.1	1	0.13	1.4
M400456	6.62	0.01	0.31	1.50	6440	70	0.40	0.06	25.5	0.59	20.1	3.5	19	3.41	10.6
M400457	9.38	0.48	0.06	0.77	759	60	0.30	0.03	32.7	0.18	13.95	1.8	5	1.98	5.1
M400458	9.64	1.37	0.14	2.26	616	80	0.65	0.06	22.9	0.14	30.6	4.6	25	5.18	12.2
M400459	5.28	5.75	0.49	3.31	1860	100	0.77	0.10	11.60	0.16	40.5	6.1	32	7.44	16.7
M400460	8.72	5.59	0.77	2.62	5850	80	0.63	0.07	18.15	0.65	33.8	5.2	28	5.71	16.0
M400461	6.54	3.40	0.98	1.85	>10000	60	0.46	0.08	11.35	1.19	29.7	3.9	22	3.39	11.7
M400462	6.92	<0.01	0.01	0.08	71	60	0.07	0.05	21.7	0.08	1.23	0.7	1	0.23	1.7
M400463	8.98	0.40	0.12	3.22	1420	90	1.07	0.09	21.7	0.13	36.1	5.9	34	7.30	19.4
M400464	11.73	0.10	0.07	3.44	452	170	1.20	0.09	20.1	0.14	39.9	6.3	39	8.31	28.4
M400465	11.24	0.01	0.16	2.53	130	120	0.82	0.07	24.3	0.13	32.2	5.3	29	7.52	22.2
M400466	11.70	0.01	0.06	1.09	73	350	0.42	0.04	29.2	0.09	16.70	2.7	12	3.04	10.9
M400467	10.96	<0.01	0.05	2.04	79	180	0.66	0.05	25.1	0.05	26.3	4.5	21	6.43	11.6
M400468	12.11	0.01	0.07	1.66	159	100	0.61	0.06	27.9	0.10	23.7	3.7	17	4.76	9.5
M400469	<0.02	<0.01	0.06	1.58	148	100	0.58	0.04	27.6	0.10	23.6	3.7	16	4.62	9.2
M400470	7.69	<0.01	0.05	4.18	11	240	1.08	0.15	16.85	0.04	66.2	8.9	33	12.30	14.7
M400471	11.74	<0.01	0.04	2.81	14	240	0.73	0.10	26.1	0.04	37.5	5.9	24	8.08	10.3
M400472	12.85	0.01	0.05	3.81	15	270	1.00	0.14	23.2	0.05	48.6	7.5	30	10.50	13.1
M400473	12.53	<0.01	0.04	3.57	15	300	0.84	0.13	23.9	0.04	46.7	7.6	29	11.30	12.8
M400475	6.02	<0.01	0.07	4.55	18	420	1.04	0.16	19.40	0.05	55.1	9.0	39	13.30	15.2
M400476	12.02	<0.01	0.06	8.53	19.8	350	2.83	0.34	0.86	0.02	78.7	17.3	65	31.3	43.1
M400477	11.23	<0.01	0.04	8.72	13.3	310	3.02	0.34	0.82	<0.02	92.0	15.3	67	30.7	35.6
M400478	5.12	<0.01	0.04	8.84	16.2	320	3.09	0.34	0.82	<0.02	83.5	17.4	65	29.8	35.5
M400479	11.41	<0.01	0.04	0.76	9	100	0.28	0.16	23.1	0.06	14.15	4.4	7	2.02	5.5
M400480	12.03	0.03	0.03	1.61	14	120	0.50	0.07	21.4	0.07	26.7	6.3	17	4.70	9.3
M400481	12.48	<0.01	0.05	5.18	21.2	720	1.45	0.21	8.27	0.03	71.5	12.3	43	13.65	20.7
M400482	0.26	2.46	0.18	3.82	6460	210	0.97	0.13	11.80	0.14	45.4	13.9	47	11.60	36.8
M400483	12.40	<0.01	0.07	9.29	22.6	420	2.92	0.33	0.83	0.04	86.3	23.1	75	29.1	42.5
M400484	12.34	<0.01	0.06	8.61	17.7	650	2.37	0.26	3.25	0.08	97.5	21.4	75	25.6	36.2
M400485	12.02	<0.01	0.03	8.05	7.0	470	2.54	0.25	2.16	0.09	92.5	17.2	123	27.7	27.3
M400486	11.75	<0.01	0.02	7.73	8.3	360	2.39	0.30	3.20	0.09	89.6	16.0	70	25.1	92.6
M400489	11.76	<0.01	0.06	4.48	13	210	1.30	0.17	15.70	0.03	59.9	9.8	39	14.45	17.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142554

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M400451		0.82	6.15	0.10	1.3	1.2	0.016	1.16	15.1	12.0	1.76	328	0.66	0.02	4.0	9.3
M400452		4.17	13.85	0.15	2.3	21.9	0.034	2.01	27.4	16.8	0.31	579	6.13	0.02	7.7	37.5
M400453		1.34	8.91	0.10	2.0	4.5	0.024	1.66	19.4	17.5	3.42	1250	1.03	0.02	5.8	15.1
M400454		1.73	8.13	0.11	1.3	74.6	0.123	1.36	25.4	28.1	1.05	5570	0.53	0.01	5.0	12.9
M400455		0.46	0.31	0.08	<0.1	0.5	<0.005	0.02	0.7	0.9	12.55	216	0.07	0.01	0.3	1.6
M400456		0.63	4.56	0.10	0.7	13.1	0.022	0.81	12.4	12.4	0.63	3880	0.94	0.01	2.9	7.3
M400457		0.36	2.42	0.08	0.4	1.9	0.012	0.43	8.1	3.9	0.62	4790	0.45	0.01	1.7	2.9
M400458		0.80	6.68	0.10	1.5	3.9	0.020	1.25	16.2	12.1	1.56	1560	0.92	0.01	4.7	9.7
M400459		1.51	9.97	0.12	2.3	11.8	0.024	1.81	20.5	17.1	5.34	3880	1.15	0.02	6.4	12.7
M400460		1.15	7.67	0.11	1.8	12.7	0.028	1.44	18.1	18.7	3.02	3500	0.75	0.01	5.1	10.6
M400461		0.93	5.17	0.14	1.3	7.55	0.022	0.98	15.6	16.3	2.27	1060	0.62	0.01	2.9	9.5
M400462		0.49	0.27	0.10	<0.1	0.01	<0.005	0.03	0.6	1.2	12.95	216	0.09	0.01	0.2	2.7
M400463		1.17	8.07	0.14	1.4	2.84	0.021	1.78	19.5	24.3	1.59	882	0.62	0.02	4.4	16.3
M400464		1.32	8.69	0.13	1.4	0.80	0.023	1.94	22.2	21.9	1.59	455	0.79	0.02	5.0	18.5
M400465		0.94	7.06	0.09	1.1	0.29	0.019	1.44	18.8	16.6	1.22	152	0.49	0.02	4.3	11.4
M400466		0.62	3.07	0.08	0.5	0.18	0.008	0.61	10.0	6.4	0.92	148	0.19	0.02	1.9	3.7
M400467		0.92	5.32	0.07	1.1	0.09	0.016	1.22	15.0	13.7	2.07	148	0.46	0.02	3.5	7.5
M400468		0.61	4.70	0.10	1.0	0.09	0.012	1.01	13.6	11.2	0.98	125	0.61	0.01	3.2	5.6
M400469		0.57	4.59	0.09	1.0	0.09	0.013	0.97	13.4	10.8	0.93	122	0.56	0.01	3.1	5.4
M400470		1.96	11.20	0.12	2.0	0.11	0.034	1.56	33.8	53.1	0.87	229	0.34	0.21	6.5	15.2
M400471		1.53	7.46	0.10	1.1	0.09	0.022	1.04	19.3	30.9	0.63	308	0.40	0.16	4.2	9.3
M400472		1.78	10.20	0.13	1.3	0.10	0.030	1.35	24.9	44.6	0.78	226	0.39	0.22	5.3	13.2
M400473		1.71	9.73	0.11	1.4	0.11	0.027	1.36	23.7	39.7	0.70	219	0.33	0.16	5.1	12.8
M400475		2.28	11.90	0.13	1.8	0.21	0.034	1.84	28.3	41.8	0.88	303	0.47	0.11	6.4	16.3
M400476		2.62	26.5	0.18	3.4	0.03	0.072	3.91	38.6	73.3	0.82	109	0.20	0.15	13.1	31.8
M400477		2.73	25.8	0.19	3.5	0.04	0.071	3.95	46.7	75.2	0.90	113	0.20	0.09	13.4	29.9
M400478		2.92	26.0	0.19	3.3	0.04	0.073	3.99	41.9	75.3	0.91	118	0.23	0.10	12.9	31.6
M400479		1.67	2.21	0.08	0.4	0.02	0.009	0.31	6.7	6.9	6.95	839	0.11	0.02	1.3	6.5
M400480		1.85	4.45	0.09	0.8	0.04	0.019	0.66	12.8	15.9	4.34	1010	0.28	0.03	2.6	9.2
M400481		2.94	14.35	0.15	2.3	0.03	0.046	1.99	37.2	69.3	1.30	710	0.30	0.06	7.7	21.6
M400482		2.90	11.15	0.13	2.3	15.0	0.048	1.88	23.4	13.6	2.65	1200	2.18	0.02	6.7	26.8
M400483		4.02	27.5	0.22	3.3	0.05	0.070	3.78	42.9	130.0	1.25	457	0.33	0.08	13.6	42.2
M400484		4.13	23.9	0.20	3.2	0.03	0.067	3.26	52.9	121.0	2.31	1140	0.48	0.07	13.0	46.5
M400485		3.45	22.8	0.19	3.2	0.02	0.058	3.00	51.6	141.5	2.34	1200	0.08	0.05	14.1	58.4
M400486		3.50	22.6	0.21	3.3	0.02	0.057	2.85	50.1	149.5	2.79	1180	0.08	0.06	14.2	56.6
M400489		2.13	12.55	0.14	2.0	0.15	0.035	1.71	30.9	49.7	0.90	259	0.43	0.17	6.9	18.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142554

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
M400451		360	5.0	50.8	<0.002	0.16	3.54	3.7	2	0.9	598	0.28	<0.05	4.8	0.096	6.69
M400452		440	16.4	103.5	0.003	4.03	94.5	8.9	2	2.4	239	0.54	0.12	8.5	0.283	94.6
M400453		370	8.0	71.6	<0.002	0.39	10.15	5.2	2	1.2	441	0.47	<0.05	7.5	0.150	23.5
M400454		420	12.6	62.4	<0.002	5.53	344	3.4	4	1.8	231	0.35	0.27	6.6	0.120	375
M400455		160	1.4	1.3	<0.002	0.01	0.44	0.2	1	<0.2	54.9	<0.05	<0.05	<0.2	<0.005	0.38
M400456		350	9.9	35.9	<0.002	0.80	49.1	3.0	2	0.7	725	0.21	0.05	3.9	0.069	62.1
M400457		170	5.8	19.2	<0.002	0.15	6.88	1.8	2	0.3	1030	0.11	<0.05	1.9	0.037	11.00
M400458		350	9.1	54.2	<0.002	0.37	12.15	4.0	2	1.0	858	0.32	<0.05	5.9	0.111	18.00
M400459		390	7.9	80.2	0.002	0.61	46.3	6.4	3	1.3	251	0.46	<0.05	8.5	0.163	70.9
M400460		350	7.3	63.0	<0.002	0.87	54.9	4.7	2	1.1	301	0.36	<0.05	6.7	0.130	65.9
M400461		260	6.2	41.9	0.002	9.47	716	3.3	3	0.7	190.0	0.22	0.09	3.9	0.087	16.15
M400462		190	1.6	1.5	<0.002	0.02	0.75	0.2	<1	0.2	50.9	<0.05	<0.05	<0.2	<0.005	0.07
M400463		590	10.3	69.1	0.002	0.32	6.86	4.9	3	1.0	790	0.36	<0.05	6.0	0.139	10.75
M400464		860	9.8	74.7	0.002	0.34	2.95	5.4	2	1.1	693	0.41	<0.05	6.7	0.154	3.53
M400465		600	7.0	59.2	<0.002	0.23	0.63	4.8	2	0.9	718	0.30	<0.05	5.9	0.110	0.92
M400466		230	3.9	24.6	<0.002	0.11	0.32	2.3	2	0.4	865	0.13	<0.05	2.5	0.046	0.49
M400467		300	5.2	50.1	<0.002	0.17	0.25	3.7	2	0.7	895	0.25	<0.05	4.7	0.091	0.39
M400468		260	6.7	42.1	<0.002	0.12	0.39	3.4	2	0.6	956	0.22	<0.05	4.4	0.079	0.39
M400469		250	6.3	40.7	<0.002	0.12	0.37	3.3	2	0.6	945	0.22	<0.05	4.0	0.075	0.37
M400470		520	11.3	86.3	<0.002	1.32	0.27	8.6	2	1.3	705	0.46	<0.05	8.6	0.197	0.36
M400471		750	7.8	54.1	<0.002	1.09	0.21	5.7	2	0.8	868	0.28	<0.05	5.6	0.124	0.27
M400472		660	10.2	71.2	<0.002	1.26	0.22	7.4	2	1.0	811	0.38	<0.05	7.2	0.154	0.38
M400473		530	9.6	69.4	<0.002	1.19	0.21	7.2	1	1.0	1110	0.37	<0.05	7.1	0.153	0.47
M400475		970	12.2	88.3	<0.002	1.82	0.26	8.7	2	1.3	698	0.47	<0.05	8.7	0.208	1.08
M400476		330	12.8	165.5	<0.002	1.12	0.36	17.4	2	2.8	103.5	0.98	0.06	13.6	0.382	0.86
M400477		310	12.0	175.0	<0.002	1.13	0.35	17.9	1	2.7	106.0	0.99	0.05	15.2	0.395	0.85
M400478		340	13.0	173.5	<0.002	1.30	0.36	17.2	2	2.8	105.0	0.95	0.05	14.4	0.395	0.88
M400479		1030	7.9	14.8	<0.002	0.45	0.20	1.8	2	0.2	360	0.08	<0.05	1.6	0.035	0.17
M400480		2490	10.2	31.3	<0.002	0.59	0.37	3.8	2	0.5	486	0.18	<0.05	3.4	0.077	0.41
M400481		440	15.7	98.3	<0.002	0.73	0.70	10.9	1	1.6	281	0.58	<0.05	10.3	0.244	0.57
M400482		460	11.7	95.0	<0.002	2.65	25.4	12.3	2	1.8	327	0.47	<0.05	7.0	0.268	44.5
M400483		660	30.0	153.0	<0.002	0.26	0.67	18.7	1	2.8	137.0	1.02	0.07	14.2	0.413	0.85
M400484		620	27.3	151.5	<0.002	0.37	0.99	17.1	1	2.5	241	0.97	0.05	16.1	0.377	0.75
M400485		470	12.5	141.5	<0.002	0.02	0.18	15.9	1	2.5	138.0	1.03	<0.05	17.8	0.331	0.56
M400486		560	6.1	139.5	<0.002	0.03	0.22	15.4	2	2.6	151.5	1.06	<0.05	17.2	0.339	0.52
M400489		820	12.6	95.4	<0.002	1.63	0.28	9.6	2	1.5	644	0.50	<0.05	9.1	0.206	0.45

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142554

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M400451		9.3	46	1.2	10.0	11	48.7	
M400452		4.5	83	6.1	22.3	72	86.4	
M400453		10.3	49	2.1	13.1	15	73.7	
M400454		18.6	45	2.6	11.3	86	45.0	10.00
M400455		0.7	2	0.1	0.9	18	0.8	
M400456		20.2	33	1.5	10.1	96	27.0	
M400457		12.4	16	0.8	5.3	37	15.6	
M400458		11.3	42	1.7	10.5	56	55.6	
M400459		5.7	62	2.6	13.6	19	90.5	
M400460		9.4	49	2.5	14.8	82	66.1	
M400461		11.8	35	1.9	7.3	128	41.1	15.60
M400462		0.5	3	0.1	0.9	18	0.6	
M400463		10.5	52	1.9	11.1	62	47.4	
M400464		9.5	53	1.4	13.5	66	53.0	
M400465		9.9	43	0.6	10.1	44	38.7	
M400466		10.8	23	0.3	5.4	29	16.9	
M400467		10.0	35	0.4	7.5	16	39.6	
M400468		12.6	30	0.5	7.0	33	34.8	
M400469		12.2	29	0.5	6.9	31	33.4	
M400470		2.2	37	0.8	14.5	53	66.0	
M400471		2.1	26	0.6	9.2	29	40.6	
M400472		2.6	32	0.7	10.6	43	46.5	
M400473		2.9	31	0.7	10.0	65	45.7	
M400475		3.1	42	0.9	12.7	50	61.1	
M400476		2.5	82	1.8	15.5	48	116.5	
M400477		2.9	85	1.8	16.6	47	118.5	
M400478		2.8	85	1.7	15.9	49	116.0	
M400479		1.2	9	0.2	5.9	34	12.6	
M400480		2.3	24	0.4	10.8	20	29.1	
M400481		2.3	50	1.0	15.1	63	80.5	
M400482		7.3	86	8.3	19.3	49	78.9	
M400483		3.4	90	1.7	19.6	113	108.5	
M400484		3.5	75	1.5	20.8	103	109.0	
M400485		3.5	55	1.2	19.6	111	110.0	
M400486		3.4	61	1.3	20.9	123	115.0	
M400489		3.2	41	0.9	14.2	49	65.9	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142554

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

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Finalized Date: 19-AUG-2013
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CERTIFICATE WH13142555

Project: Nadaleen
P.O. No.: 13-035
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142555

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 5	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M397940		4.59	0.01	0.04	2.72	47	270	0.97	0.09	17.65	0.18	36.5	6.2	30	8.18	17.8
M397941		7.50	0.01	0.06	2.78	33	630	0.87	0.08	16.30	0.09	38.3	6.3	31	9.10	18.3
M397942		7.00	<0.01	0.02	3.60	32	320	1.25	0.09	14.05	0.18	45.0	4.9	37	11.90	14.1
M397943		4.05	<0.01	0.01	3.27	17	220	1.29	0.06	18.05	0.17	44.0	4.9	35	9.53	4.7
M397944		5.56	<0.01	0.08	0.30	17	30	0.22	0.02	18.25	0.41	9.17	1.4	3	0.60	4.4
M397945		11.34	<0.01	0.03	0.59	15	30	0.34	0.04	19.05	0.24	11.95	2.6	4	1.60	6.7
M397946		11.45	<0.01	0.03	0.66	29	90	0.37	0.03	18.05	1.64	11.45	2.9	5	2.27	7.0
M397947		10.49	0.01	0.02	0.80	92	80	0.43	0.05	18.45	0.34	12.10	2.7	12	2.59	6.4
M397948		5.21	0.02	0.02	0.82	145	70	0.52	0.05	18.85	0.30	13.25	3.0	6	2.72	6.7
M397949		11.38	<0.01	0.03	1.05	40	90	0.47	0.06	18.40	0.21	14.25	3.5	7	3.21	8.0
M397950		11.80	0.02	0.01	0.64	33	50	0.36	0.05	18.70	0.19	12.00	1.5	6	1.71	11.7
M397951		11.44	<0.01	0.05	0.50	17	50	0.34	0.08	19.00	0.20	11.35	1.9	3	1.20	9.3
M397952		11.73	0.03	0.04	0.59	55	50	0.33	0.06	17.80	0.44	9.65	1.9	4	1.55	8.9
M397953		12.49	0.03	0.03	0.52	39	40	0.28	0.06	17.05	0.14	9.76	1.5	4	1.19	6.3
M397954		11.68	<0.01	0.02	0.30	12	20	0.27	0.04	19.40	0.07	9.70	1.2	2	0.79	5.2
M397955		10.32	0.01	0.02	0.40	56	30	0.35	0.06	20.2	1.54	11.85	1.3	3	0.86	6.2
M397956		0.25	0.52	0.09	3.55	2590	200	0.88	0.15	18.35	0.12	43.2	10.6	42	10.20	44.4
M397957		11.36	0.07	0.13	0.12	812	20	0.09	0.03	18.10	17.65	3.93	0.6	1	0.17	4.8
M397958		6.89	<0.01	0.04	0.03	<5	20	<0.05	0.04	20.7	0.08	1.13	0.6	<1	0.09	3.3
M397959		10.42	<0.01	0.02	0.20	36	20	0.11	0.04	20.4	0.04	8.71	0.7	2	0.35	3.5
M397960		11.35	<0.01	0.01	0.68	31	50	0.24	0.06	19.90	0.03	13.70	1.6	5	1.84	6.2
M397961		10.78	<0.01	0.01	0.10	11	10	0.10	0.03	20.9	0.02	4.35	0.5	1	0.19	2.6
M397962		10.56	<0.01	0.03	0.14	202	30	0.11	0.03	21.1	0.07	5.67	0.7	1	0.21	2.9
M397963		0.25	2.67	0.20	3.85	6450	210	0.98	0.15	12.60	0.14	46.7	11.9	44	10.85	38.6
M397964		11.37	<0.01	0.02	0.11	1720	20	0.12	0.02	21.1	<0.02	4.38	0.6	1	0.17	2.6
M397965		10.90	<0.01	0.01	0.17	598	20	0.13	0.03	20.7	0.10	6.44	0.8	2	0.27	3.2
M397966		7.03	<0.01	0.01	0.05	<5	30	0.07	0.03	20.9	0.08	1.20	0.7	<1	0.41	2.0
M397967		11.75	0.02	0.03	0.36	87	30	0.27	0.04	23.7	1.04	10.60	1.4	3	0.84	5.2
M397968		10.96	0.02	0.02	0.25	335	30	0.17	0.03	20.7	0.03	6.94	1.0	2	0.50	4.1
M397969		11.72	0.01	0.10	0.16	97	20	0.18	0.03	20.4	0.06	6.43	0.7	2	0.24	3.0
M397970		<0.02	<0.01	0.02	0.15	116	20	0.20	0.03	20.1	0.05	6.54	0.7	2	0.24	3.0
M397971		11.16	<0.01	0.03	0.15	65	10	0.25	0.03	20.2	0.05	6.34	0.7	2	0.24	4.3
M397972		13.08	<0.01	0.07	0.23	133	30	0.21	0.03	20.2	6.61	7.85	1.0	2	0.37	6.7
M397973		11.76	<0.01	0.04	0.13	47	10	0.25	0.03	20.7	0.25	4.74	0.7	1	0.21	3.3
M397974		12.68	<0.01	0.06	0.22	64	20	0.21	0.03	18.20	1.79	7.68	1.0	2	0.39	4.8
M397976		12.42	<0.01	0.06	0.22	59	20	0.23	0.03	19.30	0.83	8.71	0.8	2	0.37	4.6

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142555

Sample Description	Method / Analyte / Units / LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M397940		1.46	7.78	0.11	1.5	0.66	0.021	1.43	18.8	9.9	3.63	715	0.33	0.02	5.3	11.4
M397941		1.57	8.02	0.10	2.1	0.21	0.024	1.45	20.0	9.6	4.85	691	0.59	0.02	5.6	11.8
M397942		1.27	10.60	0.10	2.2	0.11	0.029	1.93	23.3	17.9	5.10	440	0.27	0.02	6.7	8.7
M397943		0.93	9.60	0.12	1.9	0.11	0.029	1.78	23.5	16.4	2.81	286	0.29	0.02	6.3	7.3
M397944		6.45	1.01	0.15	0.2	0.63	<0.005	0.14	6.4	1.3	8.77	1470	0.39	0.01	0.9	1.5
M397945		1.76	1.71	0.09	0.3	0.75	0.005	0.30	8.1	2.6	10.95	1640	0.59	0.01	1.7	3.2
M397946		1.90	1.93	0.09	0.4	0.69	0.006	0.31	7.5	3.7	10.30	1680	0.44	0.01	1.5	3.9
M397947		1.30	2.23	0.08	0.4	0.90	0.006	0.38	8.4	4.2	10.80	1680	0.29	0.01	1.6	3.3
M397948		1.49	2.36	0.09	0.4	0.96	0.006	0.39	9.2	4.5	11.05	1680	0.28	0.01	1.7	3.4
M397949		2.66	2.74	0.09	0.5	1.51	0.006	0.49	9.7	5.0	10.65	1570	0.41	0.01	2.2	5.0
M397950		0.99	1.62	0.10	0.3	0.29	0.008	0.33	8.9	3.0	11.65	1740	0.30	0.01	1.1	5.9
M397951		1.05	1.33	0.10	0.2	0.40	<0.005	0.25	8.8	2.4	11.90	1640	0.37	0.01	0.9	3.9
M397952		3.58	1.57	0.10	0.3	1.74	<0.005	0.29	6.7	2.9	11.00	1710	0.42	0.01	1.0	4.2
M397953		5.92	1.36	0.08	0.3	1.49	<0.005	0.25	7.2	2.5	10.40	1640	0.29	0.01	0.9	3.4
M397954		0.92	0.78	0.08	0.1	0.09	<0.005	0.15	7.4	1.6	12.15	1930	0.21	0.01	0.5	2.4
M397955		1.35	1.22	0.08	0.2	2.36	<0.005	0.20	8.5	2.0	12.60	2050	0.46	0.01	0.7	3.3
M397956		3.05	9.31	0.12	1.9	3.48	0.029	1.73	22.1	10.3	1.46	1210	1.62	0.02	5.8	24.9
M397957		6.28	1.99	0.11	0.1	42.3	0.005	0.05	2.7	1.0	11.10	801	0.50	0.01	0.2	1.4
M397958		0.47	0.13	0.10	<0.1	0.03	<0.005	0.01	0.5	0.9	13.25	206	0.22	<0.01	0.1	1.5
M397959		0.87	0.56	0.09	0.1	0.59	<0.005	0.10	6.5	1.3	12.85	525	0.48	0.01	0.4	1.2
M397960		0.49	1.80	0.15	0.4	0.59	<0.005	0.34	9.9	3.3	12.65	490	0.46	0.01	1.8	3.2
M397961		0.25	0.30	0.17	0.1	0.14	<0.005	0.05	3.2	0.9	13.30	506	0.47	0.01	0.3	0.7
M397962		0.20	0.42	0.18	0.1	0.36	<0.005	0.06	4.1	1.0	13.40	418	0.37	0.01	0.3	1.3
M397963		3.00	10.20	0.15	2.2	16.0	0.025	1.85	24.8	13.7	2.67	1210	1.87	0.02	5.8	27.4
M397964		0.30	0.37	0.17	0.1	0.24	<0.005	0.05	3.3	1.1	13.35	550	0.55	0.02	0.2	1.6
M397965		0.37	0.51	0.20	0.1	0.38	<0.005	0.08	4.7	1.3	13.15	575	0.89	0.02	0.4	1.3
M397966		0.48	0.20	0.13	<0.1	<0.01	<0.005	0.03	0.6	1.2	13.25	209	0.14	0.01	0.2	1.6
M397967		0.76	1.03	0.16	0.2	0.48	<0.005	0.18	7.6	2.4	14.80	967	0.94	0.02	0.8	2.7
M397968		0.83	0.73	0.12	0.1	0.80	<0.005	0.12	5.1	1.7	12.95	1040	0.42	0.01	0.5	1.8
M397969		1.27	0.41	0.11	0.1	0.57	<0.005	0.07	4.7	1.2	12.75	1120	0.38	0.01	0.3	1.4
M397970		1.25	0.41	0.13	0.1	0.53	<0.005	0.07	4.8	1.3	12.55	1110	0.40	0.01	0.3	1.4
M397971		0.73	0.44	0.14	0.1	0.38	<0.005	0.07	4.6	1.0	12.60	1080	0.40	0.01	0.3	1.8
M397972		3.35	1.31	0.08	0.1	4.37	<0.005	0.11	5.5	1.4	12.35	1160	0.97	0.01	0.5	3.1
M397973		2.05	0.38	0.08	0.1	0.37	<0.005	0.06	3.6	1.0	12.75	1540	0.73	0.01	0.3	1.9
M397974		6.33	0.75	0.10	0.1	0.67	<0.005	0.11	5.5	1.3	10.95	1360	1.02	0.01	0.5	3.4
M397976		3.56	0.63	0.09	0.1	0.48	<0.005	0.11	6.5	1.3	11.80	1440	0.82	0.01	0.5	3.1

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142555

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M397940		350	11.9	54.1	<0.002	1.04	0.39	5.4	2	1.1	214	0.37	<0.05	6.4	0.132	1.32
M397941		400	10.8	53.0	<0.002	0.89	0.36	5.6	2	1.1	220	0.40	<0.05	7.2	0.138	1.04
M397942		420	7.4	72.6	<0.002	0.33	0.21	7.3	2	1.4	184.0	0.50	<0.05	8.7	0.173	0.54
M397943		390	6.8	68.1	<0.002	0.29	0.18	6.5	2	1.3	255	0.45	<0.05	7.6	0.155	0.37
M397944		450	29.6	4.7	<0.002	3.25	0.05	0.8	1	<0.2	71.4	0.05	<0.05	0.9	0.013	6.25
M397945		440	20.1	10.0	<0.002	1.31	0.09	1.4	1	0.2	88.3	0.13	<0.05	1.8	0.027	4.89
M397946		410	25.7	10.9	<0.002	1.27	0.08	1.5	1	0.2	79.2	0.10	<0.05	1.9	0.030	4.32
M397947		320	15.8	13.1	<0.002	0.71	0.08	1.7	1	0.3	83.7	0.11	<0.05	2.2	0.035	4.67
M397948		390	18.7	13.8	<0.002	0.68	0.08	1.8	1	0.3	87.0	0.11	<0.05	2.3	0.036	4.80
M397949		320	29.5	16.1	<0.002	2.44	0.08	2.3	1	0.3	82.9	0.14	<0.05	2.9	0.046	5.57
M397950		340	13.7	10.1	0.002	0.57	0.10	1.4	1	0.4	80.3	0.08	<0.05	1.6	0.029	2.82
M397951		270	17.7	8.3	0.004	0.70	0.14	1.3	1	0.4	85.2	0.06	<0.05	1.3	0.023	2.42
M397952		330	27.9	9.5	0.002	3.73	0.14	1.3	<1	0.4	78.8	0.07	<0.05	1.5	0.027	4.33
M397953		230	33.0	8.1	0.003	6.74	0.12	1.2	<1	0.3	70.8	0.06	<0.05	1.3	0.024	6.26
M397954		280	7.3	4.7	0.004	0.66	0.07	0.8	<1	0.2	61.9	<0.05	<0.05	0.7	0.014	1.26
M397955		260	36.5	6.4	0.004	1.11	0.10	1.1	1	0.3	76.2	0.05	<0.05	1.0	0.019	2.90
M397956		380	8.4	83.6	0.004	2.54	8.75	10.0	1	1.5	726	0.40	<0.05	5.9	0.272	9.74
M397957		220	171.0	1.8	0.004	7.69	3.30	0.4	1	0.4	84.2	<0.05	<0.05	0.3	0.006	10.70
M397958		200	1.9	0.7	0.003	0.01	0.05	0.1	1	0.2	49.0	<0.05	<0.05	<0.2	<0.005	0.02
M397959		380	15.7	3.0	0.003	0.74	0.14	0.7	<1	0.2	89.6	<0.05	<0.05	0.5	0.009	1.06
M397960		350	14.7	11.2	0.002	0.42	0.53	1.6	<1	0.3	90.4	0.11	<0.05	1.7	0.032	1.35
M397961		240	3.7	1.6	0.003	0.08	0.13	0.3	<1	0.2	90.4	<0.05	<0.05	0.3	0.005	0.36
M397962		390	5.5	2.1	<0.002	0.12	0.16	0.5	<1	0.2	106.0	<0.05	<0.05	0.4	0.007	0.53
M397963		470	11.6	91.7	0.004	2.65	22.5	11.7	2	1.7	333	0.43	0.08	6.5	0.276	42.0
M397964		260	12.3	1.8	0.002	0.22	0.35	0.4	1	0.2	109.0	<0.05	<0.05	0.3	0.005	0.64
M397965		330	6.8	2.5	0.002	0.22	0.14	0.5	<1	0.2	97.6	<0.05	<0.05	0.4	0.008	0.73
M397966		180	1.8	2.0	0.002	<0.01	<0.05	0.2	<1	0.2	50.0	<0.05	<0.05	0.2	<0.005	0.03
M397967		410	11.2	5.7	<0.002	0.41	0.09	0.9	1	0.3	116.5	0.06	<0.05	0.9	0.018	1.18
M397968		320	8.3	4.2	0.003	0.38	0.11	0.8	<1	0.2	93.0	<0.05	<0.05	0.7	0.012	1.30
M397969		280	15.2	2.3	0.003	0.99	0.24	0.6	<1	0.2	87.6	<0.05	<0.05	0.4	0.007	1.11
M397970		260	16.2	2.4	0.003	0.98	0.24	0.6	<1	0.2	88.6	<0.05	<0.05	0.4	0.007	1.08
M397971		350	9.1	2.2	0.002	0.30	0.20	0.5	<1	0.2	82.6	<0.05	<0.05	0.4	0.007	0.83
M397972		470	64.3	3.6	0.005	3.45	1.58	0.6	1	0.3	113.0	<0.05	<0.05	0.6	0.011	4.46
M397973		410	35.4	2.0	0.002	1.42	0.41	0.4	1	0.2	102.5	<0.05	<0.05	0.3	0.006	1.58
M397974		450	115.5	3.3	0.005	6.86	0.35	0.5	1	0.2	96.6	<0.05	<0.05	0.6	0.011	7.87
M397976		460	169.5	3.2	0.003	3.30	0.86	0.6	1	0.2	111.5	<0.05	<0.05	0.6	0.011	2.52

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142555

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M397940		6.4	38	1.0	11.0	50	54.5
M397941		6.8	41	0.7	11.0	23	74.6
M397942		3.8	54	0.9	13.3	41	74.8
M397943		4.2	41	0.8	12.0	31	65.9
M397944		2.7	3	0.2	6.1	291	6.0
M397945		2.9	5	0.3	7.0	101	11.2
M397946		2.9	6	0.3	6.7	400	12.5
M397947		3.3	7	0.4	6.0	135	13.3
M397948		3.2	7	0.4	6.9	179	14.3
M397949		2.6	8	0.5	6.3	64	18.1
M397950		3.0	6	0.2	5.7	45	8.8
M397951		2.6	5	0.3	5.1	81	7.5
M397952		3.0	5	0.4	5.3	138	9.3
M397953		2.3	4	0.3	4.6	65	7.7
M397954		2.2	3	0.1	4.5	41	4.8
M397955		3.2	5	0.3	5.3	699	6.6
M397956		2.5	76	5.0	16.8	49	64.5
M397957		2.2	2	0.2	2.6	7760	2.2
M397958		1.0	2	0.1	0.8	20	<0.5
M397959		2.5	2	0.1	3.9	13	3.7
M397960		4.5	5	0.6	5.3	12	11.7
M397961		2.9	1	0.1	2.6	12	2.0
M397962		3.4	2	0.2	3.4	17	3.2
M397963		7.0	88	7.6	19.5	51	75.1
M397964		2.6	2	0.1	2.7	4	2.0
M397965		3.2	2	0.2	3.8	54	3.1
M397966		0.9	2	0.1	0.7	19	<0.5
M397967		4.6	4	0.2	5.4	471	6.2
M397968		3.5	3	0.3	4.5	6	4.6
M397969		2.7	3	0.2	3.6	22	2.9
M397970		2.7	2	0.2	3.7	18	2.9
M397971		3.2	3	0.2	4.0	18	3.0
M397972		4.8	3	0.3	5.4	2980	4.3
M397973		3.3	2	0.2	4.1	226	2.8
M397974		4.2	2	0.2	5.5	2250	4.1
M397976		4.5	2	0.2	5.8	713	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142555

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method:

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

CERTIFICATE WH13138743

Project: Nadaleen

P.O. No.: 13-036

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138743

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M397975		0.26	0.51	0.09	3.48	2470	200	0.82	0.13	18.00	0.13	38.5	11.0	43	9.31	42.2
M397977		13.89	<0.01	0.06	0.18	100	40	0.18	0.01	15.70	0.89	6.72	1.1	2	0.22	4.6
M397978		12.22	<0.01	0.02	0.08	83	10	0.17	0.01	15.95	2.48	4.22	0.7	3	0.10	3.6
M397979		13.37	<0.01	0.03	0.09	120	30	0.14	0.01	11.30	2.40	3.84	0.4	2	0.12	3.3
M397980		13.21	0.06	0.03	0.14	365	20	0.16	0.01	14.10	1.57	5.39	0.5	4	0.17	3.3
M397981		12.73	0.02	0.05	0.20	2780	20	0.16	0.02	16.65	0.64	7.52	0.8	2	0.28	4.7
M397982		12.25	<0.01	0.05	0.75	309	50	0.40	0.04	18.75	2.13	11.35	2.2	6	1.99	9.7
M397983		13.31	0.01	0.03	0.19	25	20	0.18	0.02	15.60	2.68	5.65	0.7	3	0.32	3.9
M397984		6.96	<0.01	0.01	0.04	<5	20	<0.05	0.02	20.3	0.05	1.13	0.5	1	0.10	1.8
M397985		12.86	<0.01	0.03	0.26	14	20	0.23	0.02	18.65	4.01	7.03	0.9	2	0.56	4.9
M397986		12.43	<0.01	0.01	0.35	24	30	0.26	0.03	18.40	0.05	6.88	0.9	3	0.60	3.6
M397987		11.96	<0.01	0.02	0.39	35	30	0.28	0.03	18.65	0.09	10.25	1.2	3	0.75	4.7
M397988		11.99	0.05	0.03	0.35	3570	30	0.23	0.02	17.00	1.33	8.83	1.3	3	0.70	5.7
M397989		<0.02	0.06	0.03	0.36	3390	40	0.23	0.02	17.35	1.58	8.87	1.3	4	0.73	5.6
M397990		13.31	<0.01	0.06	0.16	38	10	0.12	0.02	15.70	11.90	4.21	0.7	3	0.30	3.8
M397991		15.27	0.01	0.02	0.22	30	20	0.15	0.02	11.65	0.34	5.11	0.8	3	0.46	4.7
M397992		12.15	<0.01	0.01	0.28	11	20	0.23	0.02	16.90	0.08	8.32	1.1	3	0.79	5.0
M397993		12.50	<0.01	0.03	0.31	17	40	0.22	0.02	16.45	3.61	7.28	1.2	3	0.78	5.3
M397994		13.47	<0.01	0.03	0.28	6	20	0.25	0.02	17.55	3.46	7.28	1.0	3	0.75	3.8
M397995		5.31	<0.01	0.02	0.39	12	20	0.27	0.03	18.50	1.52	8.42	1.4	4	1.02	6.9
M397996		12.60	<0.01	0.01	0.29	<5	50	0.29	0.03	19.85	0.09	8.90	1.0	2	0.73	4.2
M397997		12.19	0.02	0.08	0.48	11	40	0.43	0.53	19.65	0.16	11.55	1.4	4	1.11	5.5
M397998		12.36	<0.01	0.04	0.40	16	20	0.34	0.15	20.1	0.83	10.90	1.3	3	0.79	5.0
M397999		13.36	<0.01	0.03	0.66	44	50	0.30	0.08	16.90	1.88	15.35	2.9	7	1.11	7.2
M398000		14.33	<0.01	0.02	0.11	61	20	0.16	0.04	10.80	0.12	3.97	0.5	2	0.15	3.0
K310001		15.24	<0.01	0.02	0.19	122.5	20	0.09	0.05	8.74	0.07	3.93	0.9	3	0.35	4.4
K310002		12.34	<0.01	0.02	0.17	59	20	0.20	0.03	17.55	0.08	6.29	0.9	2	0.28	4.2
K310003		12.52	0.01	0.02	0.08	124	10	0.13	0.02	11.80	0.03	4.02	0.5	2	0.12	3.8
K310004		0.26	2.63	0.20	3.84	5510	210	1.04	0.15	12.55	0.13	43.3	12.4	45	10.50	37.5
K310005		11.75	0.02	0.02	0.16	1160	30	0.14	0.02	14.65	0.03	5.32	0.8	3	0.34	4.5
K310006		11.34	0.01	0.01	0.12	348	20	0.20	0.02	18.00	0.05	4.81	0.5	2	0.18	2.8
K310007		11.48	0.01	0.02	0.10	541	10	0.16	0.01	15.50	0.08	5.09	0.6	2	0.13	3.0
K310008		6.89	<0.01	<0.01	0.05	<5	40	0.05	0.02	20.8	0.07	1.07	0.6	<1	0.45	1.2
K310009		12.80	<0.01	0.02	0.13	81	10	0.19	0.02	15.20	0.43	5.06	0.6	2	0.20	5.6
K310010		12.42	<0.01	0.06	0.29	61	30	0.26	0.04	19.25	0.18	7.09	1.0	3	0.56	6.4
K310011		11.24	<0.01	0.03	0.47	87	40	0.21	0.05	17.95	0.62	9.11	1.7	5	0.88	7.5

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 16-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13138743

Sample Description	Method / Analyte / Units / LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M397975		2.88	9.19	0.09	1.7	4	0.037	1.64	18.3	9.6	1.38	1180	1.51	0.02	5.8	23.1
M397977		10.50	0.58	0.07	0.1	1.7	<0.005	0.08	4.4	1.2	9.33	1280	2.86	0.01	0.4	3.7
M397978		10.55	0.41	0.07	<0.1	1.3	0.006	0.03	2.9	0.9	9.58	1270	0.93	0.01	0.2	1.1
M397979		19.65	0.48	0.08	<0.1	2.69	0.009	0.04	2.6	0.9	6.61	896	0.76	0.01	0.2	0.9
M397980		13.90	0.50	0.07	0.1	3.05	0.005	0.06	3.8	1.2	8.37	1120	0.84	0.01	0.3	1.3
M397981		7.61	0.67	0.06	0.1	2.72	<0.005	0.09	4.8	1.5	9.93	1290	0.45	0.01	0.3	2.0
M397982		1.31	2.24	0.08	0.4	1.78	0.006	0.37	6.8	3.7	11.50	1100	0.41	0.02	1.5	5.4
M397983		9.13	0.67	0.06	0.1	0.38	<0.005	0.09	3.6	1.7	9.39	1070	0.22	0.01	0.3	1.6
M397984		0.45	0.15	<0.05	<0.1	<0.01	<0.005	0.01	0.5	1.1	12.70	208	0.07	<0.01	0.1	1.2
M397985		2.14	0.96	0.05	0.1	0.17	<0.005	0.13	4.4	1.6	11.55	1250	0.20	0.01	0.6	2.4
M397986		3.61	0.97	0.05	0.2	0.26	<0.005	0.17	4.6	1.8	11.30	1450	1.30	0.01	0.6	1.9
M397987		3.12	1.08	0.06	0.2	0.35	0.005	0.19	7.1	2.0	11.45	1340	1.06	0.01	0.7	2.7
M397988		6.19	1.03	0.06	0.2	3.06	<0.005	0.16	5.7	1.9	10.25	1380	0.74	0.01	0.6	3.3
M397989		6.40	1.12	0.05	0.2	3.08	<0.005	0.16	5.9	2.0	10.50	1400	0.77	0.01	0.6	3.3
M397990		9.56	0.95	0.06	0.1	0.97	0.008	0.07	2.5	1.3	9.55	906	0.23	0.01	0.3	1.5
M397991		18.25	0.64	0.07	0.1	0.55	0.005	0.10	3.1	1.2	6.81	896	0.44	0.01	0.4	1.9
M397992		6.50	0.78	0.05	0.2	0.13	<0.005	0.13	5.2	1.6	10.10	1340	0.35	0.01	0.6	2.5
M397993		6.26	0.98	0.05	0.2	1.04	0.005	0.14	4.8	1.7	9.93	1400	0.62	0.01	0.6	2.6
M397994		5.46	0.87	0.05	0.1	0.41	<0.005	0.13	4.8	1.6	10.60	1660	0.20	0.01	0.5	1.9
M397995		5.32	1.14	0.11	0.2	0.36	0.007	0.18	5.8	2.2	11.25	1720	0.26	0.01	0.6	3.1
M397996		0.51	0.85	0.11	0.1	0.20	0.005	0.13	6.5	2.0	12.25	1710	0.20	0.01	0.5	2.2
M397997		0.64	1.23	0.11	0.2	0.34	0.008	0.22	8.7	2.5	12.10	1690	0.20	0.02	0.8	3.1
M397998		1.08	1.13	0.12	0.2	0.51	0.006	0.19	7.9	2.2	12.35	1460	0.19	0.02	0.7	3.0
M397999		6.18	1.64	0.12	0.4	1.62	0.010	0.30	9.9	2.3	10.10	1330	0.53	0.01	2.3	7.3
M398000		20.3	0.35	0.12	<0.1	1.05	<0.005	0.05	2.6	0.8	6.32	956	0.16	0.01	0.2	1.1
K310001		24.9	0.54	0.12	0.1	2.29	<0.005	0.09	2.4	0.9	5.07	731	0.37	<0.01	0.3	2.1
K310002		6.50	0.51	0.10	0.1	1.61	<0.005	0.08	4.2	1.2	10.55	1300	0.27	0.01	0.3	1.3
K310003		17.85	0.26	0.11	<0.1	2.89	<0.005	0.03	2.7	0.7	7.02	1040	0.21	0.01	0.1	2.0
K310004		2.88	10.65	0.13	2.1	16.0	0.032	1.80	22.3	13.6	2.60	1200	1.92	0.02	5.8	27.0
K310005		12.85	0.44	0.11	0.1	3.08	<0.005	0.07	3.5	1.0	8.75	1250	0.31	0.01	0.3	1.6
K310006		5.93	0.40	0.09	0.1	1.73	<0.005	0.05	3.3	1.0	10.85	1570	0.23	0.01	0.2	0.9
K310007		11.75	0.33	0.09	<0.1	1.69	<0.005	0.04	3.3	0.8	9.36	1530	0.16	0.01	0.2	1.1
K310008		0.48	0.23	0.06	<0.1	0.01	<0.005	0.02	0.5	1.3	12.95	217	0.08	<0.01	0.2	1.2
K310009		13.60	0.42	0.12	0.1	1.31	0.005	0.06	3.6	0.7	9.31	1520	0.29	0.01	0.3	2.1
K310010		4.83	0.84	0.10	0.1	0.81	<0.005	0.15	4.6	1.3	11.80	1760	0.32	0.01	0.6	3.7
K310011		6.29	1.35	0.10	0.3	2.04	<0.005	0.23	5.8	1.8	10.90	1500	0.35	0.01	1.1	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138743

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
M397975		360	7.8	78.7	0.002	2.45	8.02	9.0	1	1.3	701	0.40	0.06	4.8	0.261	9.05
M397977		630	252	2.3	<0.002	>10.0	0.75	0.5	1	<0.2	100.0	<0.05	<0.05	0.5	0.009	6.34
M397978		180	228	1.0	<0.002	>10.0	0.13	0.3	<1	<0.2	59.9	<0.05	<0.05	0.2	0.005	6.29
M397979		130	719	1.3	<0.002	>10.0	0.08	0.3	<1	<0.2	50.4	<0.05	<0.05	0.2	0.005	8.28
M397980		240	442	1.9	<0.002	>10.0	0.17	0.4	1	<0.2	63.6	<0.05	<0.05	0.3	0.006	8.41
M397981		370	89.4	2.9	<0.002	9.07	0.15	0.5	<1	<0.2	81.1	<0.05	<0.05	0.4	0.009	6.17
M397982		770	35.1	12.2	<0.002	1.39	0.09	1.3	1	0.3	111.0	0.11	<0.05	1.7	0.035	2.87
M397983		260	39.9	2.7	<0.002	>10.0	<0.05	0.4	<1	<0.2	70.9	<0.05	<0.05	0.4	0.008	4.37
M397984		210	1.4	0.7	<0.002	0.01	<0.05	0.2	<1	<0.2	49.1	<0.05	<0.05	0.2	<0.005	0.06
M397985		440	13.2	4.1	<0.002	2.34	<0.05	0.6	1	<0.2	74.2	<0.05	<0.05	0.7	0.012	1.58
M397986		160	12.3	5.3	<0.002	4.03	0.05	0.7	<1	<0.2	70.6	<0.05	<0.05	0.8	0.015	2.71
M397987		240	15.6	5.8	<0.002	3.46	0.06	1.0	<1	0.2	73.3	0.05	<0.05	0.9	0.017	2.79
M397988		220	27.7	5.1	<0.002	7.57	0.11	0.9	<1	0.2	78.2	<0.05	<0.05	0.8	0.015	6.95
M397989		220	29.6	5.3	<0.002	7.84	0.09	0.9	<1	0.2	80.5	<0.05	<0.05	0.8	0.015	7.26
M397990		230	38.3	2.3	<0.002	>10.0	<0.05	0.4	1	<0.2	63.8	<0.05	<0.05	0.3	0.007	6.27
M397991		280	45.3	3.2	<0.002	>10.0	0.06	0.5	<1	<0.2	46.7	<0.05	<0.05	0.5	0.010	11.00
M397992		400	23.2	4.0	<0.002	7.66	0.05	0.7	<1	<0.2	60.0	0.05	<0.05	0.7	0.012	3.95
M397993		320	36.4	4.4	<0.002	7.47	0.06	0.7	<1	<0.2	64.1	0.05	<0.05	0.7	0.013	3.89
M397994		180	21.1	3.9	<0.002	6.28	<0.05	0.7	<1	<0.2	59.3	<0.05	<0.05	0.6	0.012	3.87
M397995		220	32.1	5.5	<0.002	6.12	0.06	0.9	<1	<0.2	64.5	0.05	<0.05	0.8	0.017	3.57
M397996		270	7.0	4.4	0.002	0.30	<0.05	0.8	<1	<0.2	74.5	<0.05	<0.05	0.7	0.013	0.63
M397997		280	11.5	7.0	<0.002	0.48	0.24	1.2	<1	0.2	75.8	0.06	<0.05	1.1	0.021	1.06
M397998		370	15.0	5.7	<0.002	1.06	0.11	1.0	1	<0.2	84.6	0.06	<0.05	0.9	0.018	1.38
M397999		450	46.3	8.5	0.002	7.31	0.10	1.5	<1	0.3	99.7	0.17	<0.05	1.1	0.071	5.52
M398000		100	63.4	1.4	0.002	>10.0	0.08	0.3	<1	<0.2	60.1	<0.05	<0.05	0.2	<0.005	30.0
K310001		130	88.8	2.6	<0.002	>10.0	0.10	0.3	<1	<0.2	48.7	<0.05	<0.05	0.4	0.008	37.6
K310002		300	15.8	2.5	<0.002	7.72	0.06	0.5	1	0.2	67.2	<0.05	<0.05	0.4	0.007	15.70
K310003		290	59.6	1.0	<0.002	>10.0	0.07	0.3	<1	<0.2	47.6	<0.05	<0.05	0.2	<0.005	19.00
K310004		450	11.3	90.3	0.002	2.60	21.8	10.9	1	1.6	321	0.46	<0.05	5.8	0.273	41.2
K310005		380	49.1	2.3	0.002	>10.0	0.15	0.6	<1	0.2	72.0	<0.05	<0.05	0.4	0.007	14.80
K310006		340	18.2	1.7	<0.002	6.83	0.09	0.5	<1	<0.2	69.3	<0.05	<0.05	0.3	0.005	6.66
K310007		200	52.8	1.4	<0.002	>10.0	0.08	0.5	1	<0.2	57.3	<0.05	<0.05	0.2	<0.005	15.05
K310008		150	1.6	2.2	<0.002	0.02	<0.05	0.1	<1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	0.12
K310009		320	69.3	1.9	<0.002	>10.0	0.07	0.4	1	<0.2	64.6	<0.05	<0.05	0.3	0.005	18.05
K310010		650	28.2	4.6	<0.002	5.42	0.08	0.6	1	<0.2	91.4	<0.05	<0.05	0.7	0.014	7.50
K310011		690	32.1	7.2	<0.002	7.27	0.10	1.0	1	0.2	88.2	0.08	<0.05	1.2	0.021	7.96

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138743

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M397975		2.1	73	4.6	14.8	48	60.4
M397977		3.5	2	0.2	4.8	725	3.7
M397978		1.8	1	0.2	2.4	1300	1.8
M397979		1.6	1	0.2	2.1	1300	1.9
M397980		2.2	1	0.2	3.0	1240	2.4
M397981		2.8	1	0.2	4.5	396	3.2
M397982		4.0	5	0.4	8.8	551	12.4
M397983		1.7	1	0.2	3.5	738	3.3
M397984		0.8	2	0.1	0.7	18	<0.5
M397985		2.4	2	0.2	5.1	768	5.7
M397986		2.0	2	0.3	3.2	16	5.2
M397987		3.0	4	0.3	4.8	17	5.8
M397988		3.3	6	0.4	4.2	376	5.6
M397989		3.4	6	0.4	4.3	436	5.6
M397990		1.5	1	0.1	3.2	3070	2.8
M397991		1.6	1	0.2	3.5	116	4.1
M397992		2.6	2	0.1	5.4	22	5.1
M397993		2.0	2	0.1	4.4	928	5.1
M397994		1.4	2	0.1	3.3	799	4.3
M397995		1.8	3	0.1	4.0	357	5.8
M397996		2.5	3	0.1	4.7	22	5.0
M397997		3.0	4	0.2	6.0	32	6.9
M397998		3.2	3	0.2	5.4	201	6.1
M397999		3.1	9	1.3	5.7	739	11.4
M398000		1.0	1	0.1	1.9	72	1.8
K310001		1.4	1	0.2	2.1	61	3.0
K310002		2.3	2	0.1	3.9	55	3.0
K310003		1.7	1	0.1	2.8	23	1.6
K310004		6.8	85	7.6	18.1	48	70.3
K310005		2.3	1	0.2	3.7	17	2.9
K310006		2.2	1	0.1	3.3	65	2.4
K310007		1.4	1	0.1	2.8	45	1.7
K310008		0.6	2	0.1	0.8	17	<0.5
K310009		1.7	2	0.1	3.4	351	2.4
K310010		3.5	3	0.3	6.7	119	5.5
K310011		3.6	4	0.3	8.4	253	7.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138743

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2013
Account: RCM

CERTIFICATE WH13142556

Project: Nadaleen
P.O. No.: 13-037
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142556

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Method / Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310012	0.16	2.62	0.18	3.70	5740	210	1.16	0.12	11.75	0.15	42.4	12.1	44	10.30	38.2
K310013	10.83	<0.01	0.05	0.17	61	20	0.23	0.02	18.60	0.21	5.12	0.9	3	0.28	4.1
K310014	12.37	<0.01	0.03	0.31	41	20	0.28	0.03	17.65	8.04	8.51	1.1	2	0.65	4.5
K310015	10.32	<0.01	0.01	0.27	43	40	0.24	0.03	20.3	1.26	7.76	1.0	2	0.42	4.8
K310016	13.23	<0.01	0.07	0.27	35	20	0.23	0.04	15.05	12.00	7.33	1.1	3	0.60	5.1
K310017	12.48	0.17	0.04	0.43	122	20	0.24	0.03	11.85	2.80	8.45	1.6	4	1.13	10.7
K310018	1.28	<0.01	0.02	0.39	76	30	0.38	0.04	18.30	0.03	12.90	1.5	4	0.93	5.8
K310019	7.46	<0.01	0.04	0.27	281	20	0.12	0.03	9.88	2.33	6.15	2.2	3	0.62	6.3
K310020	6.16	<0.01	0.02	0.25	96.3	10	0.14	0.03	9.01	0.13	4.70	1.1	4	0.56	4.7
K310021	6.78	<0.01	0.01	0.03	<5	350	0.05	0.06	21.7	0.11	1.12	0.5	<1	0.08	2.0
K310022	13.65	<0.01	0.05	0.34	59	20	0.29	0.04	15.05	3.07	7.74	1.3	3	0.86	4.9
K310023	12.50	<0.01	0.04	0.80	32	40	0.43	0.06	19.10	0.04	13.15	2.6	6	2.19	9.3
K310024	15.59	<0.01	0.06	0.39	92.4	50	0.23	0.04	9.96	0.36	8.17	1.6	5	1.02	7.5
K310025	6.84	0.06	0.04	0.46	65	50	0.22	0.04	12.95	2.18	9.79	1.8	4	1.05	7.1
K310026	8.10	0.08	0.15	1.36	130	140	0.42	0.05	15.65	15.60	17.35	3.3	11	3.00	7.1
K310027	10.06	0.01	0.07	2.42	44	240	0.54	0.06	12.80	1.27	23.8	3.0	18	6.18	5.5
K310028	12.07	<0.01	0.10	2.48	<5	340	0.53	0.08	12.40	0.06	29.5	3.2	20	8.07	6.7
K310029	5.03	<0.01	0.07	2.47	<5	330	0.54	0.08	11.85	0.03	29.1	3.5	19	8.11	9.5
K310030	12.20	<0.01	0.08	2.93	13	330	0.59	0.09	12.55	0.03	36.1	3.4	22	9.28	11.7
K310031	11.05	0.01	0.08	2.71	104	320	0.58	0.09	13.10	0.21	35.9	3.2	22	8.46	9.3
K310032	12.10	0.02	0.06	2.29	47	230	0.48	0.06	12.45	0.14	26.0	2.6	18	7.93	9.6
K310033	11.18	<0.01	0.05	3.10	9	330	0.58	0.08	10.70	0.09	31.3	4.2	22	12.80	9.1
K310034	12.01	0.01	0.06	3.21	1460	310	0.72	0.08	10.10	0.11	33.6	4.1	24	11.60	8.8
K310035	12.50	<0.01	0.05	2.95	28	330	0.70	0.07	11.25	0.09	31.7	3.2	20	8.98	7.4
K310036	11.97	0.07	0.11	5.08	287	320	1.20	0.18	6.01	0.06	53.4	8.2	47	15.85	15.1
K310037	<0.02	0.07	0.11	4.81	292	310	0.96	0.16	5.78	0.06	49.9	7.5	48	14.20	13.5
K310038	11.29	0.05	0.09	4.42	85.2	280	0.94	0.15	6.44	0.07	47.5	6.6	46	13.15	15.8
K310039	11.08	<0.01	0.12	4.25	84.3	280	0.83	0.14	9.45	0.04	48.0	6.2	42	11.95	12.6
K310040	11.47	<0.01	0.08	2.24	65	210	0.41	0.07	12.50	0.04	24.4	2.9	19	4.89	7.0
K310041	0.16	8.05	0.33	3.90	>10000	170	0.61	0.22	10.40	0.70	44.7	12.3	45	9.42	55.2
K310042	3.84	<0.01	0.14	3.56	154	260	0.62	0.12	10.00	0.03	31.0	5.3	31	8.22	9.9
K310043	1.34	0.32	0.12	4.38	443	230	0.73	0.11	5.26	1.65	35.2	6.8	33	9.06	11.0
K310044	6.87	<0.01	0.01	0.05	<5	70	<0.05	0.03	21.0	0.07	1.12	0.6	1	0.17	2.3
K310045	11.00	0.44	0.08	0.20	4630	30	0.10	0.02	16.75	9.40	7.24	0.8	2	0.38	4.4
K310046	13.71	0.22	0.07	0.23	1190	20	0.17	0.02	16.45	7.18	7.45	0.9	2	0.38	4.6
K310047	10.58	0.40	0.09	0.21	2370	20	0.14	0.03	18.65	8.75	7.41	0.8	2	0.31	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142556

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K310012		2.91	10.35	0.07	2.3	14.5	0.036	1.78	20.8	12.6	2.65	1190	1.91	0.02	5.9	27.2
K310013		5.65	0.53	<0.05	0.1	1.43	<0.005	0.08	3.5	1.4	10.80	1210	0.13	0.01	0.5	1.6
K310014		5.71	1.24	<0.05	0.1	1.76	0.008	0.14	6.3	1.8	10.25	1140	0.16	0.02	0.7	2.2
K310015		2.10	0.84	<0.05	0.1	0.98	<0.005	0.12	6.1	1.5	11.95	1580	0.10	0.01	0.6	1.9
K310016		12.25	1.47	0.07	0.1	1.24	0.010	0.12	5.3	1.4	8.66	1280	0.22	0.01	0.5	2.5
K310017		16.15	1.32	0.09	0.2	3.50	0.007	0.19	5.6	1.9	7.67	1150	0.21	0.01	0.7	4.1
K310018		6.32	1.12	0.06	0.2	1.18	<0.005	0.19	8.8	2.0	10.55	1640	0.20	0.01	0.8	3.7
K310019		22.1	0.93	0.06	0.1	2.22	0.006	0.13	3.5	1.3	5.86	1020	0.35	0.01	0.5	5.5
K310020		23.1	0.74	0.07	0.1	0.47	0.005	0.12	3.1	1.2	5.33	844	0.46	0.01	0.4	2.7
K310021		0.48	0.14	<0.05	<0.1	<0.01	0.005	0.01	0.5	0.9	13.00	206	0.11	<0.01	0.1	1.4
K310022		13.35	1.11	0.07	0.2	0.34	0.006	0.16	5.6	1.8	8.62	1240	0.20	0.01	0.7	3.1
K310023		3.38	2.10	<0.05	0.4	0.32	0.007	0.37	10.2	3.8	11.15	1510	0.24	0.02	1.4	6.5
K310024		20.6	1.28	0.08	0.2	2.10	0.008	0.17	5.6	1.7	6.02	1020	0.16	0.01	0.7	4.7
K310025		13.40	1.41	0.07	0.2	3.36	0.007	0.21	6.5	1.9	7.88	1480	0.13	0.01	0.9	4.3
K310026		4.93	3.72	0.05	0.9	5.69	0.016	0.64	8.5	3.5	8.74	1540	0.16	0.02	2.1	7.4
K310027		1.82	5.50	0.07	1.6	1.19	0.012	1.47	10.0	4.4	7.90	986	0.15	0.03	3.5	7.6
K310028		1.70	6.00	0.06	1.5	0.13	0.013	1.75	12.7	4.3	7.56	880	0.15	0.04	3.9	8.2
K310029		1.70	6.13	0.06	1.5	0.14	0.016	1.73	12.2	4.3	7.37	858	0.14	0.04	3.8	8.1
K310030		1.63	6.96	0.12	1.9	0.43	0.021	2.02	17.2	4.3	7.20	724	0.25	0.04	4.4	9.2
K310031		0.99	6.50	0.14	1.9	1.53	0.020	1.56	17.1	5.1	7.89	337	0.25	0.03	4.2	8.4
K310032		0.82	5.44	0.15	1.5	0.98	0.019	1.37	12.5	3.6	7.46	273	0.17	0.02	3.4	6.5
K310033		1.05	7.22	0.17	2.1	0.70	0.019	2.01	15.3	4.3	6.34	271	0.23	0.03	4.6	8.9
K310034		1.06	7.59	0.17	2.2	1.90	0.020	2.05	16.2	4.9	5.95	301	0.20	0.03	4.9	9.1
K310035		1.23	6.95	0.16	2.0	1.35	0.018	1.96	15.8	5.6	6.59	542	0.19	0.04	4.5	7.9
K310036		2.58	13.40	0.17	2.9	3.81	0.027	2.59	27.3	9.5	3.22	586	0.25	0.03	9.3	20.0
K310037		2.51	12.20	0.15	2.7	3.64	0.025	2.44	25.3	8.4	3.08	572	0.28	0.03	8.4	18.3
K310038		2.42	10.95	0.18	2.3	3.85	0.027	2.31	23.3	6.5	3.53	578	0.30	0.03	7.6	18.5
K310039		2.34	10.45	0.15	2.2	1.83	0.023	2.28	23.1	6.3	5.44	694	0.27	0.03	7.2	15.6
K310040		3.28	4.90	0.12	1.4	0.41	0.014	1.32	12.0	3.6	7.46	742	0.17	0.03	3.5	8.2
K310041		2.98	10.85	0.14	2.0	25.6	0.043	1.75	25.5	12.7	0.37	777	3.24	0.02	5.8	26.9
K310042		2.24	8.03	0.14	2.1	0.77	0.020	1.87	16.5	5.5	5.77	757	0.27	0.03	5.9	13.2
K310043		5.92	10.55	0.13	3.1	15.5	0.034	1.99	17.4	8.3	3.11	408	0.41	0.02	6.8	15.2
K310044		0.48	0.15	0.13	<0.1	0.01	0.006	0.02	0.5	0.9	13.20	217	0.05	<0.01	0.2	1.6
K310045		7.72	1.23	0.11	0.1	6.79	0.024	0.08	4.4	0.9	9.88	1340	0.28	0.01	0.4	2.4
K310046		9.03	1.24	0.10	0.1	4.48	0.015	0.10	4.9	0.9	9.78	1770	0.25	0.01	0.9	2.4
K310047		3.43	1.29	0.11	0.1	10.20	0.028	0.08	5.4	1.2	11.20	1690	0.09	0.01	0.4	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142556

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K310012		440	10.8	88.1	0.003	2.66	23.7	10.4	2	1.7	321	0.40	0.05	6.1	0.268	43.8
K310013		250	365	2.5	0.002	6.84	0.07	0.4	<1	0.2	77.5	0.05	<0.05	0.5	0.008	5.90
K310014		210	26.6	4.4	<0.002	6.96	0.07	0.8	<1	0.2	70.4	0.05	<0.05	0.8	0.014	6.92
K310015		250	73.4	3.9	<0.002	2.25	0.05	0.7	<1	0.2	77.4	<0.05	<0.05	0.6	0.012	4.80
K310016		210	120.5	4.0	0.002	>10.0	0.05	0.7	<1	0.3	62.2	<0.05	0.05	0.7	0.012	13.25
K310017		260	100.5	6.2	<0.002	>10.0	0.08	1.0	<1	0.3	60.8	0.05	<0.05	1.1	0.020	16.25
K310018		300	28.4	5.8	<0.002	7.64	0.06	1.1	<1	0.3	86.4	0.06	<0.05	1.1	0.019	8.31
K310019		200	186.0	4.3	<0.002	>10.0	0.09	0.6	<1	0.3	38.7	<0.05	<0.05	0.7	0.012	20.0
K310020		160	145.5	3.6	<0.002	>10.0	0.06	0.6	<1	0.2	37.7	<0.05	0.05	0.6	0.011	14.00
K310021		180	1.7	0.6	<0.002	0.05	0.05	0.2	<1	0.2	56.1	<0.05	<0.05	<0.2	<0.005	0.11
K310022		220	77.5	5.1	0.002	>10.0	0.06	0.8	1	0.3	67.2	0.05	0.05	0.9	0.016	10.90
K310023		350	23.9	11.4	0.002	3.81	0.10	1.6	<1	0.4	77.5	0.09	0.06	1.9	0.037	6.40
K310024		380	89.9	5.8	0.002	>10.0	0.08	0.8	<1	0.4	59.8	0.05	<0.05	1.0	0.020	56.0
K310025		260	69.5	7.1	0.002	>10.0	0.08	1.0	<1	0.4	64.1	0.07	0.05	1.2	0.024	37.0
K310026		230	986	19.0	<0.002	5.07	0.16	1.9	<1	0.5	73.6	0.15	<0.05	2.9	0.064	15.65
K310027		180	443	45.8	<0.002	1.24	0.12	2.8	<1	0.7	84.2	0.32	<0.05	4.7	0.107	11.40
K310028		350	46.8	55.4	<0.002	1.05	0.10	3.1	<1	0.8	86.6	0.30	0.07	5.3	0.111	10.00
K310029		380	44.3	53.6	0.002	1.05	0.11	3.3	1	0.9	83.3	0.27	<0.05	5.2	0.110	9.76
K310030		540	52.3	58.0	0.002	1.22	0.15	3.6	1	0.8	85.6	0.34	<0.05	6.3	0.127	9.74
K310031		360	46.6	47.2	<0.002	1.05	0.23	3.4	1	0.8	99.6	0.32	<0.05	6.3	0.120	10.95
K310032		290	35.0	39.1	<0.002	0.84	0.14	2.6	1	0.6	71.9	0.26	<0.05	4.8	0.098	9.26
K310033		250	40.0	58.3	<0.002	1.04	0.15	3.5	1	1.0	74.9	0.35	<0.05	6.0	0.131	10.20
K310034		260	43.8	62.3	0.002	1.20	0.29	3.7	1	1.0	63.9	0.38	<0.05	6.5	0.138	10.85
K310035		220	42.5	60.5	<0.002	1.15	0.16	3.3	1	0.8	77.2	0.34	<0.05	6.0	0.126	8.39
K310036		310	121.0	84.8	0.002	2.43	0.36	7.3	1	1.6	68.2	0.70	<0.05	12.3	0.253	18.15
K310037		310	112.5	76.8	0.002	2.32	0.30	6.5	1	1.4	63.0	0.64	<0.05	11.8	0.241	17.15
K310038		270	96.1	73.6	<0.002	2.24	0.25	6.2	1	1.3	64.7	0.59	<0.05	9.9	0.215	14.70
K310039		320	89.6	67.3	0.002	1.95	0.20	5.7	1	1.3	62.8	0.54	<0.05	9.2	0.205	11.30
K310040		340	85.9	38.4	<0.002	3.36	0.13	2.7	1	0.6	69.0	0.27	<0.05	4.8	0.101	5.77
K310041		540	19.5	82.7	0.004	3.62	108.5	8.6	2	2.0	446	0.44	0.13	7.1	0.227	68.6
K310042		340	80.2	53.9	<0.002	1.88	0.18	4.0	1	1.0	56.9	0.44	<0.05	7.7	0.165	7.14
K310043		570	94.5	59.1	0.002	6.83	0.29	3.9	1	1.6	41.3	0.52	<0.05	9.2	0.194	17.15
K310044		160	1.7	1.1	<0.002	0.01	0.05	0.1	<1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	0.05
K310045		300	68.5	2.8	<0.002	9.26	0.31	0.4	<1	0.2	72.4	<0.05	<0.05	0.5	0.008	10.20
K310046		270	176.0	3.4	<0.002	>10.0	0.51	0.5	1	0.4	73.2	0.06	<0.05	0.5	0.013	10.80
K310047		240	45.3	2.9	<0.002	3.63	0.48	0.5	<1	0.2	83.8	<0.05	<0.05	0.5	0.009	6.22

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142556

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
K310012		6.3	86	7.7	17.5	49	71.5	
K310013		1.9	2	0.1	3.3	58	4.2	
K310014		2.3	3	0.2	4.4	1520	4.8	
K310015		2.2	3	0.2	4.2	225	4.6	
K310016		1.8	3	0.1	3.6	2540	4.6	
K310017		2.2	4	0.3	4.3	691	6.5	
K310018		3.8	4	0.4	5.8	11	5.6	
K310019		1.8	3	0.3	2.9	524	4.1	
K310020		1.6	2	0.2	2.2	55	3.3	
K310021		0.6	2	0.1	0.8	23	<0.5	
K310022		2.3	3	0.2	4.2	852	5.6	
K310023		3.2	7	0.4	5.6	25	11.0	
K310024		2.5	4	0.3	5.1	460	6.5	
K310025		2.3	4	0.6	4.6	399	7.6	
K310026		1.9	11	1.1	5.9	2760	31.0	
K310027		2.0	18	1.1	6.2	241	54.6	
K310028		2.0	19	0.4	7.6	17	55.8	
K310029		2.0	19	0.4	7.7	11	56.4	
K310030		2.7	23	0.6	9.7	12	67.3	
K310031		2.9	21	1.6	9.2	133	66.5	
K310032		2.1	17	0.8	7.0	86	52.9	
K310033		2.3	22	0.5	8.2	36	68.7	
K310034		2.6	23	1.4	9.0	44	73.6	
K310035		2.4	21	1.0	8.5	32	68.3	
K310036		3.4	44	3.6	13.7	15	89.0	
K310037		3.2	42	3.3	12.0	16	82.3	
K310038		2.8	37	3.8	11.6	18	71.9	
K310039		3.5	35	1.9	11.5	18	73.4	
K310040		2.9	17	0.6	7.5	10	53.4	
K310041		4.5	64	8.0	22.7	134	67.4	3.23
K310042		4.2	27	1.1	8.6	10	71.5	
K310043		5.5	30	1.9	10.9	842	101.5	
K310044		0.5	2	0.1	0.7	17	<0.5	
K310045		2.6	2	0.3	4.3	3510	3.9	
K310046		2.1	2	0.4	4.2	2050	5.4	
K310047		2.0	2	0.3	4.0	3160	4.1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13142556

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca> 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU- 31	CRU- QC	LOG- 22	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

CERTIFICATE WH13142589

Project: Nadaleen
P.O. No.: 13-038
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 24-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13142589

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M400487	11.51	<0.01	0.24	7.10	9.3	220	2.13	0.24	5.34	0.13	75.1	12.8	59	27.1	101.0
M400488	12.63	<0.01	0.05	3.06	16	730	0.97	0.11	20.1	0.10	38.2	6.0	28	8.94	72.3
M400490	11.38	<0.01	0.36	0.86	55	470	0.32	0.03	31.9	0.14	13.05	2.4	10	2.25	8.9
M400491	6.86	0.01	0.01	0.05	27	30	0.09	0.03	21.7	0.07	1.17	1.2	<1	0.16	3.9
M400492	11.13	0.01	0.09	3.86	144	120	1.51	0.13	11.75	0.06	46.3	8.6	40	12.05	21.9
M400493	11.26	0.02	0.06	3.53	205	170	1.23	0.10	11.55	0.05	43.4	6.2	36	10.40	23.2
M400494	5.64	0.48	0.05	2.82	420	140	0.98	0.08	17.65	0.08	34.7	5.5	28	8.58	15.8
M400495	10.54	0.69	0.08	2.70	690	100	0.88	0.08	18.25	0.10	33.7	6.5	27	6.36	17.5
M400496	12.36	0.96	0.46	4.06	3850	260	1.31	0.11	12.35	0.09	47.4	8.5	47	9.57	24.0
M400497	11.69	0.07	0.15	3.34	677	160	1.03	0.10	11.25	0.07	41.6	6.4	34	7.93	20.1
M400498	0.26	2.58	0.20	3.65	5850	200	0.90	0.14	12.10	0.15	39.8	12.6	45	11.00	37.9
M400499	11.56	0.85	0.42	1.80	1680	110	0.56	0.06	24.8	0.06	23.5	3.8	18	3.36	11.8
M400500	6.91	2.58	1.55	3.03	>10000	130	0.80	0.09	10.95	0.17	27.1	6.0	34	5.58	19.0
K308801	11.54	5.34	4.38	2.25	>10000	120	0.52	0.08	6.83	1.63	25.0	4.0	26	4.19	29.1
K308802	6.55	0.01	0.02	0.06	167	20	0.06	0.02	22.2	0.06	1.17	1.1	<1	0.14	5.5
K308803	5.50	0.39	0.65	2.94	5330	140	0.93	0.08	19.25	0.07	35.0	6.2	30	5.70	18.0
K308804	5.82	1.83	2.44	2.78	>10000	160	0.79	0.08	14.75	0.32	32.4	5.0	30	4.69	19.8
K308805	12.04	0.03	0.08	1.92	280	150	0.73	0.05	23.6	0.05	27.9	3.8	21	3.74	11.4
K308806	11.63	0.12	0.10	3.14	276	210	1.09	0.08	20.1	0.10	33.3	5.8	34	7.32	16.9
K308807	12.13	0.45	0.26	2.23	>10000	60	0.73	0.08	18.95	0.18	21.8	4.4	29	4.83	15.8
K308808	11.45	0.19	0.28	2.31	1300	90	0.86	0.06	23.2	0.13	24.8	5.3	28	6.25	15.4
K308809	<0.02	0.20	0.27	2.26	1320	100	0.92	0.06	23.1	0.13	24.6	5.3	27	6.13	14.9
K308810	12.00	<0.01	0.05	1.07	607	90	0.42	0.07	29.4	0.16	14.60	2.5	12	2.47	9.9
K308811	11.90	<0.01	0.07	1.29	59	170	0.51	0.04	29.0	0.10	18.85	2.6	14	2.64	10.5
K308812	11.36	0.01	0.09	3.03	63	140	1.06	0.09	16.85	0.05	36.3	5.7	32	8.97	17.8
K308813	11.40	<0.01	0.04	1.82	22	130	0.60	0.06	26.3	0.06	21.4	3.7	17	3.69	16.4
K308814	0.25	0.49	0.08	3.58	2290	190	0.81	0.13	17.55	0.10	36.6	11.3	39	9.69	41.8
K308815	11.34	<0.01	0.04	1.54	24	290	0.46	0.05	27.6	0.10	19.10	3.1	16	2.85	11.6
K308816	10.97	<0.01	0.04	1.47	16	250	0.47	0.04	26.9	0.05	17.30	2.9	15	3.94	10.4
K308817	10.59	<0.01	0.05	2.69	22	260	0.78	0.07	22.6	0.15	32.3	5.6	26	8.44	20.7
K308818	11.59	0.01	0.05	2.23	21	370	0.72	0.06	24.0	0.07	26.7	4.2	22	5.19	13.8
K308819	10.90	0.01	0.10	3.42	35	350	1.13	0.09	19.00	0.12	39.0	6.6	36	8.84	20.5
K308820	5.32	<0.01	0.09	3.34	31	370	1.08	0.09	19.30	0.11	38.4	6.5	35	8.53	20.7
K308821	11.49	<0.01	0.04	1.89	109	200	0.63	0.05	22.8	0.10	24.0	3.3	19	2.96	10.4
K308822	11.10	<0.01	0.08	2.64	30	220	0.81	0.07	18.15	0.19	32.9	4.7	26	4.99	16.0
K308823	11.51	0.01	0.25	2.90	23	220	0.90	0.12	16.75	0.15	37.7	5.0	33	5.84	19.2

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS WH13142589

Sample Description	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M400487	3.34	20.7	0.18	2.9	0.02	0.058	2.79	41.7	121.0	3.74	1610	0.11	0.12	13.9	50.2
M400488	1.70	8.82	0.12	1.6	0.03	0.026	1.38	20.1	55.5	3.81	905	0.37	0.03	6.0	15.4
M400490	0.57	2.53	0.09	0.4	0.13	0.007	0.48	7.9	5.1	0.93	116	0.48	0.01	1.9	2.0
M400491	0.49	0.29	0.13	<0.1	<0.01	<0.005	0.03	0.6	1.4	12.90	211	0.09	<0.01	0.3	<0.2
M400492	1.93	11.55	0.15	2.9	0.44	0.032	2.16	23.8	29.8	6.03	251	0.55	0.03	7.7	19.7
M400493	1.91	10.05	0.12	2.8	0.35	0.029	1.98	22.1	25.8	6.17	267	0.93	0.03	6.9	15.0
M400494	1.37	7.72	0.11	2.1	4.45	0.025	1.56	18.0	19.6	4.01	334	0.40	0.02	5.6	11.5
M400495	1.39	7.83	0.11	1.8	<0.01	0.024	1.42	17.1	16.1	4.22	448	0.42	0.02	5.4	13.0
M400496	1.95	11.95	0.13	2.7	3.79	0.037	2.26	24.8	26.1	4.16	423	1.32	0.02	8.0	20.6
M400497	1.89	9.99	0.13	2.6	0.79	0.030	1.81	20.8	21.4	6.44	352	0.56	0.02	6.8	15.3
M400498	2.98	11.00	0.14	2.2	14.8	0.045	1.83	20.0	12.5	2.61	1160	1.94	0.02	6.7	26.4
M400499	1.00	5.04	0.09	1.1	2.42	0.016	0.94	12.8	9.2	2.42	389	0.43	0.01	3.5	7.3
M400500	1.24	8.69	0.11	1.7	3.45	0.143	1.57	16.1	30.3	2.39	925	0.35	0.02	5.8	14.0
K308801	1.12	6.15	0.11	1.2	10.05	0.201	1.06	13.9	35.2	1.16	694	0.42	0.01	3.7	10.4
K308802	0.51	0.28	0.12	<0.1	0.02	<0.005	0.03	0.6	1.1	13.10	217	0.10	0.01	0.3	0.6
K308803	1.51	8.76	0.11	2.0	2.00	0.032	1.64	18.2	16.8	3.25	373	0.86	0.02	5.6	14.2
K308804	1.34	8.04	0.12	2.0	4.89	0.041	1.52	17.3	18.4	4.10	913	0.68	0.02	5.3	11.3
K308805	0.97	5.71	0.11	1.3	0.41	0.018	1.06	14.8	10.9	3.14	232	0.59	0.02	3.9	7.1
K308806	1.43	9.07	0.12	1.9	0.94	0.026	1.79	17.5	18.6	3.43	310	0.66	0.02	5.8	11.4
K308807	0.98	6.44	0.11	1.2	1.50	0.128	1.20	11.6	16.7	2.03	304	0.71	0.01	4.3	9.4
K308808	1.11	6.77	0.11	1.3	0.84	0.022	1.30	13.1	15.3	3.15	213	0.92	0.02	4.5	10.6
K308809	1.09	6.69	0.12	1.3	0.87	0.022	1.28	13.2	15.0	3.11	217	0.96	0.02	4.4	10.6
K308810	0.54	3.28	0.09	0.6	0.23	0.011	0.58	8.9	6.6	0.97	98	0.49	0.01	2.3	2.9
K308811	0.62	3.36	0.07	0.8	0.12	0.015	0.62	10.1	8.4	1.11	99	0.66	0.01	2.3	6.1
K308812	1.42	7.74	0.11	1.8	0.13	0.025	1.55	19.4	30.1	3.59	177	0.71	0.03	5.0	14.3
K308813	0.84	4.61	0.09	0.8	0.06	0.014	0.88	12.1	17.3	1.69	121	0.37	0.02	2.8	8.8
K308814	2.89	9.19	0.09	1.8	3.75	0.036	1.58	18.7	8.7	1.40	1110	1.58	0.02	5.9	24.6
K308815	0.71	3.94	0.08	0.7	0.05	0.012	0.73	10.5	16.5	1.25	109	0.33	0.01	2.4	7.8
K308816	0.72	3.71	0.10	0.7	0.06	0.014	0.64	9.3	49.4	1.50	116	0.41	0.10	2.2	7.0
K308817	1.21	6.98	0.11	1.1	0.12	0.018	1.15	18.1	46.0	1.77	143	0.61	0.19	4.0	14.9
K308818	1.01	5.55	0.12	1.3	0.08	0.018	0.92	14.6	36.3	2.18	141	0.54	0.19	3.5	10.1
K308819	1.49	8.73	0.13	1.6	0.14	0.024	1.48	21.6	62.9	2.48	152	0.88	0.20	5.4	16.5
K308820	1.47	8.61	0.14	1.6	0.14	0.023	1.43	20.8	59.7	2.40	151	0.89	0.20	5.3	16.4
K308821	0.96	4.67	0.11	1.3	0.08	0.015	0.76	12.9	19.4	2.57	151	0.57	0.11	3.1	8.1
K308822	1.19	6.46	0.12	1.8	0.12	0.020	1.10	17.2	44.0	3.36	172	0.97	0.24	4.6	11.6
K308823	1.34	6.87	0.12	1.9	0.17	0.024	1.17	20.5	62.0	4.07	188	0.97	0.27	5.1	13.4

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Project: Nadaleen

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Sample Description	Method Analyte Units LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
M400487		610	3.7	124.0	<0.002	0.03	0.32	12.8	1	2.7	119.0	0.99	<0.05	14.9	0.324	0.52
M400488		310	10.2	58.3	<0.002	0.10	0.32	5.5	1	1.1	429	0.44	<0.05	6.8	0.145	0.32
M400490		180	7.1	22.8	<0.002	0.30	0.72	1.6	2	0.4	1080	0.11	<0.05	2.0	0.042	0.67
M400491		170	1.3	1.2	<0.002	0.01	0.23	0.2	1	<0.2	54.3	<0.05	<0.05	<0.2	<0.005	<0.02
M400492		420	8.8	112.0	<0.002	0.87	3.42	7.1	3	1.5	449	0.56	<0.05	9.3	0.195	2.96
M400493		370	7.6	98.9	<0.002	0.79	3.98	6.4	2	1.3	487	0.50	<0.05	8.4	0.178	1.22
M400494		280	7.0	79.2	<0.002	0.66	9.45	4.8	2	1.1	481	0.39	<0.05	6.8	0.139	14.60
M400495		290	6.7	75.5	<0.002	0.71	24.1	4.9	2	1.0	473	0.39	<0.05	6.5	0.129	25.2
M400496		540	11.9	118.5	0.002	1.08	31.9	7.4	3	1.5	514	0.57	<0.05	9.6	0.203	18.80
M400497		360	7.9	93.8	<0.002	0.97	4.41	6.3	2	1.3	347	0.48	<0.05	8.5	0.167	3.19
M400498		440	11.0	84.8	0.002	2.51	24.7	10.7	2	1.7	317	0.48	<0.05	6.5	0.260	43.6
M400499		210	7.2	46.7	<0.002	0.51	10.75	3.1	2	0.6	706	0.23	<0.05	4.0	0.084	10.35
M400500		410	6.1	75.5	<0.002	5.58	607	5.5	3	1.1	418	0.40	0.07	7.0	0.147	14.25
K308801		300	9.7	49.4	<0.002	8.52	1220	3.6	7	0.9	320	0.28	0.14	4.6	0.100	21.7
K308802		190	1.4	1.2	<0.002	0.02	1.09	0.2	1	<0.2	51.4	<0.05	<0.05	<0.2	<0.005	0.05
K308803		270	7.1	68.6	<0.002	0.85	19.25	5.3	2	1.1	537	0.41	<0.05	6.4	0.143	11.70
K308804		350	8.0	63.0	<0.002	1.16	118.0	5.1	2	1.0	450	0.38	<0.05	6.5	0.136	11.80
K308805		240	5.8	45.7	<0.002	0.20	2.48	3.6	2	0.7	639	0.26	<0.05	4.6	0.093	1.51
K308806		470	6.8	74.1	<0.002	0.31	3.60	5.6	2	1.2	586	0.41	<0.05	6.9	0.149	3.62
K308807		460	6.4	54.5	<0.002	4.83	729	4.0	4	0.9	569	0.30	0.08	4.9	0.103	6.72
K308808		420	8.0	63.8	0.002	0.42	5.06	4.3	3	0.9	738	0.31	<0.05	5.2	0.110	3.92
K308809		420	8.0	61.5	<0.002	0.42	4.81	4.3	3	0.9	729	0.30	<0.05	5.2	0.108	4.15
K308810		250	5.8	29.6	<0.002	0.25	0.96	2.0	2	0.5	978	0.15	<0.05	2.7	0.051	1.15
K308811		230	6.9	35.4	0.002	0.25	0.23	2.2	1	0.4	1260	0.17	<0.05	2.9	0.060	0.33
K308812		370	7.6	86.6	0.003	0.32	0.29	4.9	2	1.0	631	0.36	<0.05	6.5	0.136	0.58
K308813		210	5.4	44.7	0.002	0.13	0.14	3.0	1	0.6	1180	0.20	<0.05	3.6	0.078	0.30
K308814		360	8.0	80.2	<0.002	2.38	8.53	8.8	1	1.3	695	0.40	0.06	5.4	0.250	10.15
K308815		250	5.4	37.0	<0.002	0.13	0.16	2.5	1	0.5	1290	0.18	<0.05	3.1	0.065	0.24
K308816		190	5.0	32.7	<0.002	0.15	0.13	2.4	1	0.4	1780	0.15	<0.05	2.7	0.061	0.19
K308817		530	7.3	58.6	<0.002	0.22	0.21	4.4	1	0.8	1890	0.30	<0.05	5.4	0.109	0.32
K308818		320	6.1	45.4	0.002	0.18	0.18	3.5	1	0.7	1480	0.25	<0.05	4.5	0.096	0.24
K308819		440	8.0	72.9	<0.002	0.28	0.24	5.6	2	1.1	1070	0.40	<0.05	7.0	0.150	0.39
K308820		440	8.0	71.9	0.002	0.28	0.25	5.4	2	1.1	1070	0.40	<0.05	6.9	0.146	0.35
K308821		260	6.0	35.7	0.002	0.13	0.17	3.0	1	0.6	1340	0.23	<0.05	4.1	0.088	0.21
K308822		400	8.6	53.5	<0.002	0.28	0.25	4.1	2	0.8	1020	0.33	<0.05	5.9	0.123	0.29
K308823		550	13.1	55.5	<0.002	0.31	0.39	4.4	3	0.9	896	0.35	<0.05	6.6	0.142	0.31

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Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
M400487		2.6	66	1.3	19.9	106	106.0	
M400488		7.0	44	0.7	12.1	38	61.0	
M400490		12.1	17	0.4	4.6	25	17.2	
M400491		0.6	2	0.1	0.8	17	<0.5	
M400492		6.1	69	2.1	14.1	43	102.0	
M400493		6.8	55	2.0	13.4	41	99.6	
M400494		7.3	44	2.1	11.4	34	75.8	
M400495		8.3	45	2.3	10.5	32	68.8	
M400496		14.1	77	3.7	13.5	46	97.8	
M400497		7.7	56	2.9	13.3	40	95.7	
M400498		6.9	81	8.2	18.7	45	77.9	
M400499		12.8	30	1.8	8.2	24	41.8	
M400500		14.7	51	3.6	8.4	44	63.5	9.06
K308801		13.7	37	3.3	8.5	172	41.9	14.60
K308802		0.7	2	0.1	0.8	16	0.5	
K308803		14.5	45	2.9	11.6	27	73.0	
K308804		12.1	48	2.9	10.9	44	75.0	1.555
K308805		16.1	36	1.6	9.4	17	49.8	
K308806		8.6	52	2.4	11.5	28	71.1	
K308807		9.6	42	1.9	9.1	28	47.1	7.38
K308808		10.4	40	1.4	9.7	34	51.0	
K308809		10.8	40	1.4	9.4	31	49.2	
K308810		16.2	20	0.7	5.8	26	22.7	
K308811		16.0	23	0.4	5.8	23	27.0	
K308812		9.3	50	0.6	10.6	39	61.7	
K308813		13.4	27	0.3	6.3	31	30.4	
K308814		2.3	68	5.1	16.0	45	62.0	
K308815		14.3	24	0.3	6.0	22	23.3	
K308816		15.1	24	0.3	5.0	22	22.8	
K308817		11.6	40	0.5	9.6	40	40.3	
K308818		11.5	35	0.4	7.9	30	44.4	
K308819		10.1	55	0.6	10.8	49	55.1	
K308820		10.5	54	0.6	10.6	47	53.9	
K308821		10.4	27	0.4	7.6	29	48.7	
K308822		7.3	38	0.5	9.9	43	60.4	
K308823		7.3	45	0.5	11.7	47	72.3	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 24-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13142589

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2013
Account: RCM

CERTIFICATE WH13141810

Project: Nadaleen
P.O. No.: 13-039
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141810

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
K310048		7.83	0.25	0.23	0.60	6920	30	0.20	0.11	18.30	1.21	12.45	1.9	5	1.12	5.3
K310049		5.63	0.17	0.01	0.42	>10000	30	0.18	<0.01	18.80	0.07	10.65	0.7	4	0.76	2.4
K310050		6.50	0.03	0.01	0.43	1220	20	0.21	<0.01	18.95	0.06	8.33	0.7	4	0.85	2.1
K310051		12.07	0.03	0.01	0.49	587	20	0.33	0.01	19.30	<0.02	11.85	1.5	3	1.35	4.1
K310052		13.24	0.03	0.01	0.35	40	20	0.31	<0.01	18.90	0.38	11.50	1.2	3	0.80	4.0
K310053		8.73	0.01	0.03	0.43	55	20	0.21	<0.01	18.35	0.94	10.65	1.8	3	1.01	5.0
K310054		8.82	0.01	0.06	1.35	83	50	0.49	0.05	16.70	0.02	14.70	3.6	10	4.24	12.6
K310055		3.62	0.01	0.06	1.23	74	50	0.52	0.05	18.00	<0.02	14.05	3.3	10	3.98	11.4
K310056		8.31	0.02	0.07	1.67	57	70	0.62	0.07	16.05	<0.02	16.40	4.0	13	5.69	14.1
K310057		8.34	<0.01	0.01	0.32	19	20	0.19	<0.01	20.4	<0.02	10.15	0.9	3	0.61	2.3
K310058		8.68	<0.01	0.02	0.86	21	80	0.32	0.02	17.90	0.30	14.35	1.7	7	2.98	4.3
K310059		7.79	<0.01	0.05	2.89	25	320	0.72	0.05	11.75	0.02	31.8	3.7	24	13.00	5.9
K310060		7.46	<0.01	0.07	3.43	13	390	0.68	0.07	10.70	0.07	40.8	4.6	28	16.90	7.0
K310061		<0.02	<0.01	0.08	3.34	11	370	0.69	0.06	10.35	0.08	39.5	4.5	27	16.15	7.1
K310062		7.90	0.01	0.08	2.24	58	360	0.55	0.04	13.65	1.58	23.9	3.4	16	9.28	6.4
K310063		7.86	0.02	0.07	2.83	143	210	0.61	0.05	12.50	<0.02	31.5	3.6	22	7.03	6.2
K310064		7.46	0.04	0.08	2.23	265	150	0.50	0.03	13.25	0.03	27.5	2.9	18	5.57	5.3
K310065		0.16	0.50	0.11	3.55	2500	200	0.89	0.11	18.70	0.11	39.3	10.8	41	9.98	42.8
K310066		6.59	0.22	0.09	2.99	2360	230	0.65	0.05	11.30	0.08	34.0	4.1	26	8.29	7.0
K310067		4.91	<0.01	0.02	0.05	<5	30	0.05	<0.01	20.7	0.06	1.12	0.6	1	0.21	2.6
K310068		7.46	0.07	0.07	2.84	266	250	0.64	0.04	10.25	0.10	33.3	3.9	24	7.64	6.1
K310069		7.39	0.02	0.08	2.52	90	320	0.58	0.04	11.95	0.13	29.4	3.5	20	6.93	6.0
K310070		7.92	0.18	0.06	2.20	88	250	0.54	0.04	13.65	0.03	26.1	3.1	19	6.33	5.3
K310071		0.17	2.59	0.19	3.73	6060	200	1.00	0.11	11.65	0.13	41.4	11.7	43	10.40	36.5
K310072		7.54	0.13	0.06	2.09	512	170	0.58	0.04	12.70	0.02	30.5	3.0	18	5.75	4.8
K310073		7.71	1.31	0.09	3.33	1500	140	0.68	0.08	10.95	0.03	36.5	5.7	27	7.21	7.7
K310074		7.66	0.40	0.07	3.43	647	200	0.72	0.08	10.15	0.22	43.8	5.5	29	7.91	8.3
K310075		4.78	0.01	<0.01	0.05	<5	30	<0.05	<0.01	20.0	0.06	1.05	0.6	2	0.12	1.0
K310076		6.72	0.19	0.09	4.95	291	650	1.03	0.13	6.94	0.26	59.9	7.7	43	15.10	13.0
K310077		10.92	0.02	0.02	0.07	875	20	0.11	0.01	20.0	0.30	2.62	0.3	2	0.08	1.0
K310078		10.59	0.04	0.08	0.13	926	20	0.12	0.01	20.2	0.45	3.90	0.4	2	0.14	1.9
K310079		10.57	0.01	0.06	0.32	135	60	0.21	0.02	20.0	0.56	7.06	0.7	5	0.60	2.6
K310080		12.49	<0.01	0.03	0.64	45	60	0.36	0.03	19.85	0.02	13.60	1.6	6	1.65	4.2
K310081		12.13	<0.01	0.05	0.62	126	180	0.34	0.03	19.60	1.42	12.30	1.4	6	1.59	3.8
K310082		11.47	<0.01	0.03	0.59	40	60	0.37	0.03	19.60	0.29	11.40	1.5	6	1.46	3.7
K310083		11.42	<0.01	0.04	0.50	81	50	0.32	0.03	20.3	0.33	10.35	1.3	5	1.21	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141810

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310048		2.14	1.68	0.06	0.3	2.10	0.009	0.26	9.3	2.5	10.50	1380	0.11	0.02	1.1	4.4
K310049		0.91	1.15	0.06	0.3	0.74	0.006	0.19	6.6	2.0	10.90	1420	0.07	0.02	0.8	1.5
K310050		1.32	1.15	0.06	0.4	0.46	<0.005	0.20	5.3	2.1	11.00	1010	0.09	0.02	0.8	1.4
K310051		1.79	1.41	0.07	0.2	0.61	0.005	0.23	8.6	2.5	10.95	1940	0.13	0.02	0.9	3.1
K310052		1.79	1.04	0.07	0.2	0.71	0.005	0.16	9.0	1.7	10.90	1760	0.12	0.01	0.6	2.6
K310053		4.24	1.21	0.06	0.2	1.23	0.005	0.20	7.0	1.8	10.55	1300	0.11	0.01	0.8	4.4
K310054		4.28	3.27	0.06	0.7	1.26	0.011	0.66	9.7	4.8	9.42	1480	0.28	0.02	2.4	9.9
K310055		4.09	3.03	0.06	0.6	1.13	0.008	0.60	9.5	4.5	10.60	1600	0.21	0.02	2.2	9.3
K310056		2.15	4.16	0.07	0.9	1.25	0.010	0.79	9.8	6.5	9.37	1310	0.24	0.02	2.9	10.6
K310057		2.30	0.84	0.06	0.2	0.26	<0.005	0.15	6.1	1.5	11.45	1760	0.06	0.01	0.6	1.5
K310058		3.78	2.23	0.06	0.5	0.27	0.006	0.47	8.9	3.2	10.10	1560	0.15	0.02	1.4	4.4
K310059		1.82	7.25	0.10	2.0	0.29	0.017	1.92	15.8	7.7	7.02	887	0.32	0.04	4.7	9.8
K310060		1.69	8.41	0.11	2.2	0.61	0.020	2.29	20.0	7.1	6.14	618	0.21	0.04	5.6	12.1
K310061		1.69	8.02	0.13	2.1	0.61	0.018	2.23	19.2	6.9	5.89	612	0.23	0.04	5.4	11.5
K310062		2.43	5.33	0.08	1.4	1.59	0.015	1.40	12.4	5.6	7.75	1220	0.20	0.03	3.6	8.7
K310063		1.83	6.83	0.11	1.9	2.42	0.017	1.25	15.2	7.3	7.19	1000	0.23	0.02	4.5	10.1
K310064		1.91	5.46	0.10	1.6	2.90	0.013	1.05	13.2	5.7	7.95	1210	0.17	0.02	3.7	8.4
K310065		2.91	9.67	0.11	2.0	3.93	0.034	1.67	20.1	9.1	1.41	1180	1.55	0.02	6.0	25.2
K310066		1.98	7.46	0.10	2.1	3.60	0.017	1.62	16.6	5.7	6.58	1170	0.24	0.03	4.9	11.6
K310067		0.46	0.18	0.08	<0.1	0.01	<0.005	0.02	0.6	1.0	12.25	213	0.08	<0.01	0.1	1.6
K310068		1.53	6.58	0.11	1.8	2.40	0.019	1.64	15.5	4.8	6.20	601	0.26	0.03	4.3	10.2
K310069		1.93	6.11	0.11	1.6	1.49	0.015	1.45	13.9	4.7	7.13	1100	0.20	0.03	4.0	9.0
K310070		2.19	5.20	0.09	1.5	2.51	0.013	1.25	12.4	4.1	8.16	1150	0.22	0.03	3.5	8.3
K310071		2.75	10.05	0.12	2.1	14.5	0.034	1.72	22.0	11.7	2.47	1160	1.90	0.02	5.8	27.4
K310072		1.92	5.07	0.09	1.5	2.37	0.013	1.04	14.0	4.5	7.49	1250	0.17	0.02	3.4	7.7
K310073		2.50	8.14	0.10	2.1	8.68	0.022	1.43	17.7	6.2	6.28	1320	0.19	0.02	5.5	13.2
K310074		2.74	8.75	0.11	2.0	5.11	0.023	1.42	21.7	7.1	5.89	1200	0.25	0.01	6.0	13.8
K310075		0.45	0.18	0.07	<0.1	0.01	<0.005	0.02	0.5	0.9	11.90	210	0.08	<0.01	0.1	1.6
K310076		2.06	13.05	0.15	3.0	5.06	0.037	2.25	30.5	8.4	4.13	567	0.37	0.02	8.9	20.1
K310077		0.33	0.24	0.10	<0.1	11.5	<0.005	0.03	1.7	0.8	12.60	674	0.22	0.01	0.1	0.9
K310078		0.60	0.35	0.10	0.1	1.38	<0.005	0.05	2.5	0.9	12.50	827	0.29	0.01	0.2	1.4
K310079		0.54	0.79	0.11	0.2	2.02	<0.005	0.14	5.0	1.6	12.40	841	0.24	0.01	0.5	2.2
K310080		0.80	1.61	0.12	0.3	0.62	0.005	0.29	8.2	3.0	12.20	1300	0.18	0.02	1.2	4.0
K310081		1.58	1.47	0.08	0.3	0.7	0.007	0.28	7.7	2.9	11.90	1820	0.14	0.01	1.0	3.6
K310082		1.27	1.38	0.10	0.3	0.4	<0.005	0.28	7.2	2.6	11.85	1360	0.28	0.02	0.9	3.5
K310083		0.85	1.21	0.10	0.3	0.6	0.005	0.23	6.9	2.4	12.45	958	0.71	0.01	0.8	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141810

Sample Description	Method Analyte Units LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
K310048		200	48.8	10.0	<0.002	2.09	0.85	1.3	<1	0.2	93.8	0.08	<0.05	1.4	0.027	4.62
K310049		280	8.5	6.4	<0.002	1.29	0.85	0.9	<1	<0.2	80.7	0.05	<0.05	0.9	0.021	1.87
K310050		290	12.9	6.6	<0.002	1.02	0.09	0.8	<1	<0.2	80.3	0.06	<0.05	1.0	0.021	1.28
K310051		260	15.0	8.3	<0.002	0.66	0.10	1.2	<1	0.2	91.7	0.06	<0.05	1.1	0.022	1.52
K310052		250	18.5	5.4	<0.002	0.83	0.05	0.8	<1	<0.2	83.3	<0.05	<0.05	0.8	0.015	1.45
K310053		270	92.9	6.8	<0.002	4.13	0.06	1.0	<1	0.2	75.7	0.06	<0.05	1.0	0.019	3.36
K310054		690	102.0	22.3	<0.002	3.84	0.12	2.1	1	0.4	79.4	0.18	0.06	2.9	0.061	3.82
K310055		730	95.2	20.9	<0.002	3.62	0.11	2.1	1	0.4	79.7	0.16	0.05	2.6	0.057	3.43
K310056		1020	45.3	27.6	<0.002	1.43	0.13	2.4	1	0.5	70.4	0.21	0.07	3.7	0.076	2.91
K310057		340	17.0	4.5	<0.002	1.10	<0.05	0.6	<1	<0.2	80.1	<0.05	<0.05	0.7	0.015	0.78
K310058		390	45.8	14.8	<0.002	3.02	0.05	1.6	<1	0.2	77.6	0.11	<0.05	1.8	0.038	1.61
K310059		560	52.6	64.1	<0.002	1.06	0.12	3.8	1	0.7	87.8	0.35	<0.05	5.6	0.132	2.35
K310060		560	68.7	74.8	<0.002	1.47	0.12	4.6	1	0.9	89.2	0.43	<0.05	7.0	0.158	2.78
K310061		520	64.9	72.4	<0.002	1.44	0.11	4.4	1	0.9	86.8	0.41	<0.05	6.4	0.155	2.65
K310062		510	60.5	45.9	<0.002	1.64	0.10	3.0	1	0.6	94.4	0.27	<0.05	4.4	0.101	2.87
K310063		480	50.3	41.7	<0.002	1.10	0.16	3.7	1	0.8	95.0	0.35	<0.05	5.6	0.124	3.81
K310064		280	49.1	35.7	<0.002	1.01	0.12	3.1	1	0.6	92.9	0.28	<0.05	4.5	0.099	3.90
K310065		380	8.6	81.3	0.002	2.51	9.03	9.2	1	1.3	729	0.43	0.07	5.1	0.258	9.51
K310066		370	63.0	55.6	<0.002	1.65	0.39	4.0	1	0.9	88.8	0.38	<0.05	6.2	0.138	5.84
K310067		180	1.8	1.0	<0.002	0.01	<0.05	0.1	<1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.03
K310068		270	56.5	55.6	<0.002	1.44	0.16	3.7	1	0.9	92.9	0.32	<0.05	5.7	0.120	4.30
K310069		240	46.1	50.0	<0.002	1.24	0.09	3.4	1	0.8	97.1	0.30	<0.05	5.0	0.111	3.82
K310070		350	51.8	42.0	<0.002	1.43	0.13	2.9	1	0.6	86.5	0.27	<0.05	4.5	0.101	4.58
K310071		420	10.9	86.3	0.002	2.52	22.4	10.3	2	1.5	315	0.42	0.06	5.6	0.260	44.0
K310072		1110	39.5	35.4	<0.002	1.03	0.22	2.9	1	0.6	96.6	0.26	<0.05	4.3	0.097	4.23
K310073		230	59.2	49.5	<0.002	1.95	0.40	4.7	1	1.1	90.2	0.42	<0.05	6.5	0.156	14.65
K310074		280	73.0	48.2	<0.002	2.77	0.25	5.0	1	1.0	102.0	0.45	<0.05	7.6	0.166	9.07
K310075		170	1.8	0.8	<0.002	0.02	<0.05	0.1	<1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.07
K310076		510	83.2	76.4	<0.002	2.26	0.30	7.3	1	1.5	81.1	0.68	<0.05	11.6	0.237	9.16
K310077		450	8.3	0.9	<0.002	0.07	0.43	0.2	<1	<0.2	86.9	<0.05	<0.05	0.2	<0.005	0.85
K310078		370	32.1	1.8	<0.002	0.29	1.05	0.3	1	<0.2	108.0	<0.05	<0.05	0.3	0.005	1.40
K310079		450	33.7	4.3	<0.002	0.28	1.13	0.6	<1	<0.2	95.9	<0.05	<0.05	0.7	0.015	1.66
K310080		530	21.1	8.8	<0.002	0.51	0.15	1.2	1	0.2	93.9	0.09	<0.05	1.4	0.030	1.37
K310081		520	55.9	8.3	<0.002	1.44	0.33	1.2	<1	0.2	93.9	0.07	<0.05	1.3	0.028	2.38
K310082		480	39.1	8.5	<0.002	0.87	0.48	1.1	<1	0.2	115.0	0.07	<0.05	1.3	0.026	1.44
K310083		600	20.6	6.8	<0.002	0.53	0.22	0.9	<1	0.2	94.3	0.06	<0.05	1.1	0.022	1.18

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141810

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
K310048		2.5	5	0.7	5.4	253	10.4	
K310049		1.5	5	0.4	5.2	16	11.2	2.01
K310050		1.5	5	0.4	4.8	26	12.7	
K310051		2.7	5	0.5	5.6	3	8.8	
K310052		2.9	3	0.4	5.8	242	5.9	
K310053		2.7	4	0.4	5.1	256	7.5	
K310054		5.0	11	0.8	9.8	8	22.0	
K310055		4.6	10	0.7	9.9	7	20.6	
K310056		6.0	14	0.9	12.6	11	29.7	
K310057		1.8	4	0.2	4.6	4	7.8	
K310058		2.8	7	0.3	5.9	231	17.4	
K310059		2.3	24	0.6	8.5	11	68.7	
K310060		2.1	28	0.5	10.4	33	77.1	
K310061		2.0	27	0.5	9.4	31	72.7	
K310062		2.3	18	0.8	7.9	493	51.5	
K310063		2.3	23	1.5	8.8	5	65.8	
K310064		2.1	18	1.7	7.6	20	51.6	
K310065		2.2	73	5.0	17.3	47	68.3	
K310066		2.5	24	2.1	9.1	39	69.1	
K310067		0.5	2	0.1	0.8	16	<0.5	
K310068		2.2	20	1.6	8.1	41	58.4	
K310069		2.2	19	1.3	7.7	40	53.8	
K310070		1.9	18	1.8	7.2	14	57.9	
K310071		6.2	82	7.4	19.1	47	73.9	
K310072		2.0	19	1.8	8.0	8	54.6	
K310073		2.1	28	3.4	8.9	10	67.4	
K310074		2.2	29	3.4	10.0	63	67.3	
K310075		0.6	2	0.1	0.7	16	<0.5	
K310076		2.6	40	4.6	14.0	107	94.2	
K310077		1.6	1	0.1	2.4	46	1.7	
K310078		1.9	1	0.2	2.6	81	2.3	
K310079		2.1	3	0.3	3.6	108	5.5	
K310080		2.7	6	0.4	5.6	10	11.1	
K310081		2.5	5	0.5	5.4	356	10.4	
K310082		2.3	5	0.5	4.9	150	9.8	
K310083		3.0	5	0.4	5.3	86	8.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 22-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13141810

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2013
Account: RCM

CERTIFICATE WH13145820

Project: NADALEEN

P.O. No.: 13-040

This report is for 31 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145820

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K308824		10.64	0.01	0.08	1.53	46	1560	0.55	0.05	27.8	0.14	20.7	2.8	17	2.27	11.8
K308825		11.16	<0.01	0.05	1.22	17	420	0.41	0.03	28.0	0.20	16.25	2.0	14	1.77	6.0
K308826		11.18	<0.01	0.04	0.64	96	130	0.23	0.03	35.9	0.07	9.67	1.5	8	1.56	10.5
K308827		9.38	0.05	0.16	0.88	183	230	0.32	0.03	32.9	0.09	11.35	1.9	10	1.81	5.5
K308828		11.03	<0.01	0.06	0.97	655	280	0.39	0.04	34.6	0.08	11.85	2.0	11	2.45	6.3
K308829		11.45	<0.01	0.04	1.34	306	130	0.54	0.04	29.7	0.03	17.10	2.5	14	3.46	7.3
K308830		11.41	<0.01	0.05	2.51	684	200	0.89	0.06	24.4	0.06	30.0	4.5	25	5.06	13.6
K308831		0.27	7.79	0.28	3.83	>10000	180	0.65	0.18	10.40	0.69	42.2	11.4	47	8.44	52.9
K308832		8.31	3.24	1.71	4.23	4140	500	1.18	0.09	13.55	0.18	47.4	7.9	43	9.17	23.0
K308833		8.49	9.23	15.40	4.54	>10000	100	1.03	0.12	2.03	1.47	55.5	9.2	60	8.51	40.1
K308834		10.67	10.75	25.0	3.41	>10000	80	0.72	0.11	0.94	3.01	40.7	7.9	49	5.81	38.7
K308835		11.73	10.65	26.5	3.20	>10000	60	0.61	0.11	1.32	4.45	14.15	7.2	46	4.85	35.1
K308836		9.88	5.59	3.83	3.06	>10000	70	0.65	0.09	7.03	4.74	11.10	5.7	37	5.01	20.7
K308837		<0.02	5.59	3.79	3.01	>10000	70	0.56	0.08	6.96	4.79	10.95	5.7	37	5.02	20.6
K308838		12.68	2.31	1.76	1.07	>10000	150	0.25	0.07	12.25	2.91	5.77	2.1	15	1.66	8.6
K308839		6.86	0.01	0.02	0.05	347	20	0.05	0.01	20.6	0.07	0.99	0.6	1	0.11	1.1
K308840		11.66	0.10	0.11	0.39	468	840	0.19	0.02	33.3	0.11	6.70	1.0	5	0.74	2.7
K308841		11.97	0.05	0.06	0.94	858	890	0.42	0.04	31.6	0.07	11.75	1.9	11	1.69	6.3
K308842		11.52	0.06	0.06	1.32	1420	540	0.51	0.04	29.9	0.03	14.35	2.6	15	2.32	7.2
K308843		12.12	0.12	0.06	1.76	942	360	0.66	0.07	26.3	0.04	20.6	3.3	19	3.64	10.6
K308844		5.79	0.02	0.05	1.86	92	240	0.73	0.05	25.5	0.05	21.8	3.3	20	4.61	11.4
K308845		11.11	1.82	1.82	3.03	>10000	180	0.90	0.07	12.70	0.40	31.2	6.7	37	6.82	19.5
K308846		0.26	2.49	0.19	3.83	5570	200	0.98	0.13	12.75	0.15	40.2	12.3	45	11.70	37.1
K308847		12.45	5.38	5.56	2.15	>10000	40	0.67	0.07	9.21	2.46	30.3	4.8	39	5.24	22.7
K308848		11.67	0.33	0.32	3.69	924	90	1.41	0.09	15.55	0.13	39.5	7.2	50	13.00	20.4
K308849		11.73	0.08	0.08	2.37	436	450	0.85	0.06	22.2	0.16	27.9	4.6	31	7.50	16.7
K308850		6.96	<0.01	0.01	0.05	14	40	0.06	0.03	21.6	0.07	1.39	1.3	6	0.22	2.6
K308851		5.93	1.37	0.03	1.05	1380	160	0.30	0.04	31.8	0.08	16.90	4.2	18	2.60	12.1
K308852		3.35	0.33	0.02	0.62	1040	110	0.23	0.03	35.0	0.03	12.45	2.3	12	2.03	5.7
K308853		1.49	0.42	0.02	0.71	1440	100	0.21	0.04	34.0	0.05	16.70	2.5	8	2.50	5.4
K308854		6.63	13.05	0.13	4.10	>10000	140	0.61	0.20	7.20	0.58	60.3	13.7	43	10.40	31.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145820

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K308824		0.70	3.90	0.19	0.9	0.13	0.011	0.60	10.2	26.2	1.45	146	0.89	0.24	2.7	7.1
K308825		0.57	3.04	0.20	0.9	0.10	0.008	0.49	8.6	22.2	2.05	129	0.59	0.22	2.1	4.6
K308826		0.43	1.67	0.16	0.2	0.12	0.006	0.32	5.8	8.6	0.85	123	0.40	0.01	1.0	4.0
K308827		0.50	2.27	0.18	0.4	1.94	0.006	0.44	6.2	4.2	1.02	191	0.27	0.01	1.2	4.8
K308828		0.53	2.45	0.17	0.4	0.65	0.007	0.49	6.6	6.7	1.13	126	0.28	0.01	1.3	4.8
K308829		0.73	3.40	0.15	0.6	0.10	0.008	0.66	8.6	9.3	1.77	131	0.47	0.01	1.9	6.3
K308830		1.20	6.30	0.18	1.1	0.37	0.016	1.26	15.2	13.6	2.07	211	0.56	0.01	3.6	12.1
K308831		3.04	10.45	0.17	1.9	27.9	0.032	1.74	23.0	13.8	0.37	745	3.43	0.02	5.4	25.5
K308832		1.97	10.90	0.17	2.0	3.93	0.026	2.16	24.6	25.2	2.82	1030	0.78	0.02	6.0	20.7
K308833		2.26	12.00	0.14	2.0	13.2	0.027	2.16	30.0	37.2	0.95	390	0.77	0.02	6.7	24.9
K308834		1.94	9.01	0.13	1.6	20.6	0.025	1.63	22.5	43.2	0.42	123	0.90	0.01	5.2	20.8
K308835		1.66	8.78	0.11	1.5	23.3	0.027	1.56	7.7	49.0	0.32	57	1.25	0.01	4.6	18.1
K308836		1.51	8.14	0.09	1.3	15.1	0.030	1.48	6.3	39.1	1.50	941	0.92	0.01	4.1	15.3
K308837		1.48	8.01	0.09	1.2	15.0	0.028	1.44	6.1	39.9	1.50	928	0.87	0.01	4.1	15.0
K308838		0.57	2.85	0.07	0.4	9.1	0.020	0.51	3.5	22.8	0.39	431	0.64	0.01	1.4	5.6
K308839		0.46	0.19	0.12	<0.1	0.01	<0.005	0.02	0.5	1.0	12.70	193	0.14	<0.01	0.2	1.4
K308840		0.24	1.09	0.12	0.1	0.28	0.005	0.19	4.2	1.8	0.49	254	0.32	<0.01	0.6	2.1
K308841		0.50	2.54	0.14	0.4	0.53	0.007	0.48	6.5	4.6	1.08	168	0.27	0.01	1.4	4.7
K308842		0.70	3.41	0.15	0.6	0.55	0.009	0.66	7.9	6.5	1.64	171	0.39	0.01	1.9	6.3
K308843		0.90	4.56	0.16	0.8	0.47	0.014	0.86	10.2	10.2	1.89	194	0.62	0.01	2.7	8.5
K308844		1.02	4.98	<0.05	1.0	0.25	0.018	0.93	13.7	13.4	2.53	169	0.57	0.02	3.0	8.2
K308845		1.57	8.95	<0.05	1.9	3.47	0.061	1.58	17.5	28.1	4.00	1720	0.92	0.02	4.9	15.6
K308846		2.99	11.10	0.05	2.3	16.5	0.044	1.85	21.9	14.9	2.68	1160	1.94	0.02	6.0	27.2
K308847		1.37	6.54	<0.05	1.4	11.4	0.139	1.08	18.5	37.4	1.90	1570	0.98	0.01	3.4	12.6
K308848		1.74	10.55	<0.05	2.1	0.73	0.031	2.03	21.9	24.2	4.08	404	1.24	0.03	5.7	17.5
K308849		1.23	6.83	<0.05	1.6	0.20	0.021	1.32	16.8	14.8	3.23	252	0.81	0.02	4.1	10.7
K308850		0.48	0.28	<0.05	<0.1	<0.01	0.005	0.03	0.7	1.2	13.40	215	0.05	<0.01	0.4	2.2
K308851		0.95	2.88	<0.05	0.6	6.13	0.017	0.46	10.0	5.9	0.43	504	0.23	0.06	1.7	5.9
K308852		0.59	1.64	<0.05	0.3	2.39	0.011	0.30	7.5	3.1	0.33	417	0.17	0.01	1.2	4.1
K308853		0.62	1.73	0.10	0.4	3.22	0.013	0.34	9.6	2.9	0.29	531	0.15	0.01	1.4	4.2
K308854		3.02	12.10	0.18	2.4	43.5	0.043	1.95	33.0	21.0	0.32	435	2.00	0.02	6.9	21.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145820

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K308824		340	6.8	22.8	0.003	0.28	0.37	2.3	1	0.5	1270	0.20	<0.05	3.0	0.076	0.18
K308825		230	6.3	18.2	<0.002	0.18	0.24	1.9	2	0.4	1645	0.16	<0.05	2.6	0.065	0.13
K308826		90	4.7	14.6	<0.002	0.19	1.32	1.1	1	0.2	1100	0.07	<0.05	1.2	0.029	0.85
K308827		130	4.7	21.7	<0.002	0.37	7.07	1.4	<1	0.3	838	0.10	<0.05	1.6	0.039	7.15
K308828		140	4.5	24.0	<0.002	0.29	4.97	1.6	<1	0.3	1210	0.09	<0.05	1.6	0.042	3.43
K308829		180	5.1	36.1	<0.002	0.24	1.65	2.0	1	0.4	1105	0.14	<0.05	2.2	0.058	0.30
K308830		400	6.9	64.9	<0.002	0.51	0.65	3.8	1	0.7	1225	0.26	<0.05	4.3	0.110	1.82
K308831		540	16.2	77.2	0.003	3.63	104.0	8.0	1	1.9	446	0.41	0.13	5.9	0.224	63.8
K308832		610	10.3	109.0	<0.002	1.49	24.0	6.6	3	1.2	852	0.45	<0.05	7.6	0.187	12.60
K308833		1000	12.5	109.5	<0.002	5.73	951	4.2	4	1.5	1095	0.53	0.17	8.9	0.211	29.7
K308834		630	12.9	80.7	<0.002	7.22	805	2.6	4	1.3	677	0.40	0.09	6.7	0.165	33.9
K308835		370	19.6	76.9	<0.002	7.91	1020	2.0	4	1.3	365	0.34	0.15	5.1	0.149	27.4
K308836		350	11.6	74.4	<0.002	6.61	777	4.2	5	1.2	364	0.31	0.10	4.4	0.129	13.50
K308837		350	11.6	75.0	<0.002	6.51	743	4.3	4	1.1	362	0.31	0.11	4.4	0.125	13.65
K308838		170	5.8	22.9	0.002	>10.0	1805	1.3	8	0.5	443	0.10	0.23	1.6	0.043	7.80
K308839		180	1.4	0.9	<0.002	0.03	2.60	0.1	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.06
K308840		70	3.1	8.2	<0.002	0.17	2.69	0.7	<1	<0.2	1170	<0.05	<0.05	0.7	0.017	0.89
K308841		140	4.8	21.5	<0.002	0.28	1.57	1.5	<1	0.3	1215	0.10	<0.05	1.6	0.042	1.58
K308842		170	4.9	31.7	<0.002	0.35	2.50	2.0	1	0.4	1165	0.14	<0.05	2.2	0.059	1.75
K308843		240	5.9	40.1	<0.002	0.34	2.90	2.7	1	0.5	1015	0.18	<0.05	3.1	0.080	1.45
K308844		230	6.3	47.2	<0.002	0.24	0.47	2.7	2	0.7	1115	0.27	<0.05	3.9	0.082	0.62
K308845		490	9.1	78.3	0.002	2.64	221	5.3	4	1.2	345	0.45	<0.05	6.9	0.141	10.45
K308846		450	11.2	91.4	0.002	2.59	24.5	10.3	2	1.7	324	0.53	0.05	6.5	0.267	42.6
K308847		590	15.5	56.0	0.002	6.59	692	3.8	7	1.0	155.5	0.32	0.09	5.1	0.099	19.15
K308848		590	10.2	105.5	0.002	0.60	4.74	6.1	3	1.3	506	0.52	<0.05	8.3	0.170	2.56
K308849		380	8.1	75.6	<0.002	0.47	1.24	3.7	3	0.9	814	0.35	<0.05	5.4	0.112	0.73
K308850		160	1.4	1.7	<0.002	<0.01	0.19	0.2	2	<0.2	53.7	<0.05	<0.05	<0.2	<0.005	0.02
K308851		150	3.5	24.8	<0.002	0.06	7.86	3.9	2	0.4	1625	0.12	<0.05	1.6	0.069	9.66
K308852		120	2.5	16.3	0.002	0.21	5.02	1.8	2	0.3	1800	0.08	<0.05	1.1	0.035	4.15
K308853		130	3.0	16.5	<0.002	0.22	6.13	2.3	1	0.4	1700	0.08	<0.05	1.2	0.041	5.57
K308854		270	15.9	97.3	0.005	3.71	105.5	7.1	3	1.4	197.0	0.49	0.14	7.2	0.267	99.3

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145820

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
K308824		11.6	26	0.3	6.3	25	29.7	
K308825		11.8	22	0.2	5.3	23	29.6	
K308826		14.8	17	0.3	3.7	14	8.2	
K308827		19.1	18	0.7	4.8	17	14.9	
K308828		16.6	20	0.5	4.0	23	13.1	
K308829		15.1	24	0.4	4.8	23	19.7	
K308830		13.8	42	1.5	8.1	37	36.2	
K308831		4.0	64	7.8	20.3	132	62.9	3.36
K308832		17.0	68	4.6	13.7	66	66.8	
K308833		17.6	76	8.9	9.4	189	68.1	7.05
K308834		20.5	63	8.9	7.6	334	54.4	11.25
K308835		29.2	64	6.1	9.0	513	50.6	12.25
K308836		26.5	59	4.4	12.0	487	42.6	10.45
K308837		26.1	56	4.3	11.9	475	39.8	10.20
K308838		21.2	21	1.8	7.7	287	11.8	19.30
K308839		0.7	2	0.1	0.7	14	<0.5	
K308840		13.8	9	0.4	2.8	14	4.9	
K308841		17.0	19	0.8	3.9	21	14.0	
K308842		16.7	24	1.0	4.7	22	20.5	
K308843		12.4	32	1.1	5.7	25	27.0	
K308844		13.5	32	0.9	7.7	28	36.1	
K308845		7.5	53	3.4	12.0	73	68.9	3.81
K308846		7.0	85	8.0	20.1	49	76.4	
K308847		8.0	43	2.9	17.6	257	46.4	13.05
K308848		7.6	65	2.7	13.6	52	71.7	
K308849		10.2	39	0.8	10.8	53	54.9	
K308850		0.5	2	0.1	0.9	18	<0.5	
K308851		1.6	20	1.2	15.0	18	21.5	
K308852		1.4	10	0.7	11.6	9	13.4	
K308853		1.3	12	0.8	12.3	9	13.8	
K308854		4.0	70	4.6	36.2	79	85.2	1.430

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ALS Minerals

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145820

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

CERTIFICATE WH13145821

Project: Nadaleen
P.O. No.: 13-041
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145821

Sample Description	Method	WEI- 21	Au- AA26	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310084		11.75	0.01	0.05	0.44	134	60	0.27	0.03	21.3	0.32	11.20	1.5	4	1.06	4.9
K310085		12.31	0.01	<0.01	0.04	136	10	0.10	<0.01	22.0	0.28	3.04	0.4	2	<0.05	1.1
K310086		11.61	0.03	0.04	0.09	201	20	0.10	0.01	20.5	10.35	2.94	0.5	2	0.07	2.3
K310087		5.61	0.01	0.04	0.08	184	10	0.08	0.01	20.8	4.98	3.15	0.5	3	0.08	2.0
K310088		11.25	0.02	0.01	0.11	542	20	0.08	0.01	17.95	0.10	3.89	0.8	2	0.16	1.5
K310089		12.57	0.01	0.01	0.25	224	20	0.10	0.01	15.95	0.15	5.50	0.8	10	0.35	2.1
K310090		12.23	0.06	0.04	0.48	517	20	0.20	0.03	18.60	2.22	9.58	1.4	6	1.18	3.5
K310091		12.32	<0.01	0.02	0.29	60	30	0.09	0.02	16.30	1.10	6.68	0.7	5	0.38	1.7
K310092		12.83	<0.01	0.02	0.40	16	30	0.16	0.02	16.40	0.20	8.20	1.2	4	0.98	2.8
K310093		12.41	0.01	0.03	0.39	19	60	0.14	0.02	16.25	0.02	7.55	1.2	3	0.78	3.6
K310094		12.33	<0.01	0.01	0.28	11	100	0.12	0.01	17.10	0.06	6.62	0.6	3	0.47	1.8
K310095		12.85	0.01	0.02	0.29	38	20	0.15	0.01	16.85	5.29	6.31	0.8	3	0.57	2.5
K310096		6.73	<0.01	0.02	0.26	13	20	0.13	0.01	18.30	6.53	5.98	0.6	3	0.61	1.6
K310097		8.59	<0.01	0.01	0.17	15	20	0.11	0.01	20.3	3.62	5.85	0.6	2	0.28	2.2
K310098		0.27	7.67	0.29	3.72	>10000	180	0.63	0.19	10.50	0.65	41.7	12.0	46	8.99	55.5
K310099		9.11	0.01	0.02	0.17	71	20	0.08	0.01	21.4	6.48	5.18	0.7	2	0.30	1.9
K310100		10.62	0.02	0.06	0.38	2180	60	0.23	0.02	20.4	1.91	6.73	1.8	3	0.74	3.3
K310101		10.78	0.02	0.04	0.14	1160	30	0.11	0.01	21.2	0.33	2.85	0.8	3	0.19	1.4
K310102		11.95	0.01	0.01	0.05	677	10	0.09	0.01	21.6	0.02	2.32	0.5	<1	0.08	2.0
K310103		10.75	0.06	0.10	0.03	1900	10	0.07	0.01	21.1	1.75	2.55	0.7	1	0.06	1.7
K310104		11.68	0.01	0.09	0.02	1480	10	0.07	0.01	20.9	0.54	1.38	0.6	7	0.05	1.4
K310105		11.21	0.03	0.07	0.08	696	20	0.10	0.01	20.9	0.09	2.38	0.6	1	0.08	1.6
K310106		7.01	<0.01	<0.01	0.03	5	20	0.06	0.02	21.6	0.07	0.97	0.6	<1	0.08	2.3
K310107		11.68	0.01	0.04	0.06	616	10	0.06	0.01	20.7	0.06	2.25	0.6	<1	0.08	2.5
K310108		12.09	<0.01	0.02	0.24	357	20	0.13	0.01	20.8	0.03	4.36	0.7	2	0.51	1.6
K310109		12.37	0.01	0.03	0.59	66	50	0.22	0.03	20.3	0.08	7.92	1.2	5	1.17	2.5
K310110		12.17	0.01	0.04	0.43	270	80	0.16	0.02	20.4	0.09	7.38	1.1	4	0.81	2.7
K310111		<0.02	0.01	0.05	0.43	255	80	0.17	0.03	20.5	0.12	7.16	1.1	5	0.79	2.8
K310112		12.80	0.01	0.05	0.28	21	30	0.09	0.01	19.50	0.34	5.88	0.8	11	0.45	2.7
K310113		13.03	0.01	0.02	0.10	21	10	0.07	<0.01	20.7	0.13	4.67	0.5	7	0.12	2.5
K310114		0.26	0.51	0.08	3.43	2290	190	0.88	0.13	18.10	0.09	37.9	11.3	38	9.43	41.1
K310115		11.79	0.02	0.03	0.32	534	20	0.14	0.02	18.35	0.03	8.50	1.7	2	0.74	2.3
K310116		11.99	0.01	0.08	0.74	350	50	0.33	0.05	18.65	0.17	10.90	4.7	3	2.01	4.4
K310117		6.97	<0.01	<0.01	0.05	<5	20	0.05	0.02	21.6	0.06	0.95	0.7	<1	0.13	1.4
K310118		6.01	0.04	0.01	0.86	71	50	0.44	0.05	19.55	<0.02	13.55	3.6	3	2.78	6.3
K310119		8.43	0.10	0.01	0.25	2030	170	0.13	0.02	18.75	<0.02	8.38	1.1	1	0.45	1.4

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ALS Minerals

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Finalized Date: 31-AUG-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145821

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310084		0.64	1.27	0.10	0.2	1.49	0.005	0.19	6.8	2.5	12.50	724	0.65	0.02	0.8	3.4
K310085		0.32	0.16	0.10	<0.1	0.31	<0.005	0.01	1.9	0.7	13.10	630	0.13	0.01	0.1	0.9
K310086		1.63	0.73	0.09	0.1	12.5	0.007	0.03	1.8	0.8	12.10	561	0.25	0.01	0.1	1.2
K310087		0.88	0.51	0.11	0.1	5.86	0.006	0.03	1.8	0.8	12.35	536	0.24	0.01	0.2	1.8
K310088		0.34	0.35	0.10	0.1	0.65	<0.005	0.04	2.0	1.1	10.70	457	0.43	0.01	0.3	1.0
K310089		0.32	0.65	0.11	0.1	0.61	<0.005	0.10	2.9	1.3	9.48	435	0.40	0.01	0.5	3.3
K310090		0.93	1.60	0.11	0.3	2.78	0.006	0.20	5.8	2.9	11.00	477	0.41	0.02	1.0	2.8
K310091		0.37	0.72	0.11	0.2	0.59	<0.005	0.10	3.8	1.6	9.76	343	0.33	0.01	0.5	2.0
K310092		0.41	1.14	0.11	0.2	0.69	0.005	0.19	5.0	2.3	9.79	351	0.43	0.01	0.8	2.7
K310093		1.03	1.02	0.10	0.3	0.65	0.005	0.16	4.4	2.2	9.69	435	0.27	0.01	0.8	2.3
K310094		0.48	0.77	0.09	0.2	0.34	<0.005	0.11	3.7	1.8	10.15	388	0.24	0.01	0.5	1.3
K310095		5.50	1.34	0.11	0.3	1.76	0.006	0.12	3.6	2.4	9.86	356	0.42	0.01	0.6	1.3
K310096		1.52	1.26	0.08	0.1	1.12	0.005	0.12	3.3	2.5	10.85	561	0.19	0.01	0.4	0.9
K310097		1.22	0.73	0.09	0.1	0.87	<0.005	0.07	3.4	1.3	12.05	611	0.26	0.01	0.3	1.3
K310098		3.04	10.75	0.17	1.9	27.3	0.042	1.71	21.9	13.3	0.38	780	3.35	0.02	5.7	28.0
K310099		1.14	0.78	0.10	0.1	1.32	0.007	0.07	2.7	1.0	12.65	752	0.23	0.01	0.3	1.4
K310100		1.36	1.14	0.09	0.2	3.23	<0.005	0.17	3.7	1.7	12.00	808	0.69	0.01	0.7	2.3
K310101		0.31	0.43	0.09	0.1	0.81	<0.005	0.06	1.6	1.0	12.60	656	0.22	0.01	0.3	1.7
K310102		0.36	0.22	0.11	<0.1	0.39	<0.005	0.02	1.2	0.8	12.85	728	0.29	0.01	0.1	0.5
K310103		0.87	0.21	0.09	<0.1	4.93	<0.005	0.01	1.4	0.6	12.55	845	0.19	0.01	0.1	0.8
K310104		0.55	0.14	0.09	<0.1	1.91	<0.005	0.01	0.8	0.6	12.55	739	0.25	0.01	<0.1	6.8
K310105		0.52	0.28	0.10	<0.1	2.06	<0.005	0.03	1.4	0.8	12.50	723	0.37	0.01	0.1	0.6
K310106		0.47	0.14	0.10	<0.1	<0.01	<0.005	0.01	<0.5	0.8	12.95	207	0.05	<0.01	0.1	1.5
K310107		0.52	0.25	0.11	<0.1	0.43	<0.005	0.02	1.3	0.8	12.40	662	0.36	0.01	0.1	0.7
K310108		0.33	0.70	0.11	0.2	0.17	<0.005	0.11	2.4	1.6	12.50	543	0.40	0.01	0.4	1.0
K310109		0.93	1.57	0.12	0.4	0.88	0.008	0.28	4.1	2.7	12.10	537	0.37	0.01	1.0	2.6
K310110		0.56	1.27	0.11	0.3	0.96	<0.005	0.21	3.6	2.2	12.10	614	0.34	0.01	0.8	1.9
K310111		0.57	1.26	0.13	0.3	1.02	<0.005	0.21	3.6	2.2	12.25	624	0.34	0.01	0.7	2.6
K310112		0.44	0.76	0.09	0.2	1.0	<0.005	0.14	3.4	1.8	12.10	512	0.44	0.01	0.5	3.3
K310113		0.51	0.29	0.10	0.1	0.40	<0.005	0.04	2.9	1.0	12.70	707	0.23	0.01	0.2	2.8
K310114		2.84	9.35	0.11	1.7	3.6	0.033	1.65	19.4	9.4	1.35	1150	1.55	0.02	5.9	23.2
K310115		0.63	0.94	0.10	0.2	0.5	<0.005	0.14	4.8	2.5	11.00	640	0.30	0.01	0.6	2.1
K310116		0.72	2.14	0.14	0.5	0.6	<0.005	0.37	6.2	5.0	11.20	703	0.15	0.01	1.3	3.9
K310117		0.46	0.21	0.17	<0.1	<0.1	<0.005	0.02	0.5	1.1	12.80	210	0.08	<0.01	0.1	1.5
K310118		0.73	2.58	0.20	0.5	0.3	<0.005	0.42	8.1	7.1	11.75	1100	0.08	0.01	1.6	2.9
K310119		0.62	0.77	0.12	0.2	0.4	<0.005	0.11	4.5	2.1	11.20	1240	0.06	0.01	0.4	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145821

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K310084		660	14.8	6.1	<0.002	0.40	0.21	0.9	1	0.2	109.5	0.06	<0.05	1.0	0.019	2.16
K310085		360	1.9	0.4	<0.002	0.07	0.07	0.1	<1	<0.2	64.8	<0.05	<0.05	<0.2	<0.005	0.29
K310086		570	34.6	1.0	<0.002	1.78	0.50	0.2	<1	<0.2	75.8	<0.05	<0.05	0.2	<0.005	2.32
K310087		510	59.1	1.0	<0.002	0.80	0.89	0.2	1	<0.2	78.2	<0.05	<0.05	0.2	<0.005	1.93
K310088		480	6.9	1.4	<0.002	0.14	0.19	0.2	<1	<0.2	77.4	<0.05	<0.05	0.3	0.007	1.37
K310089		330	25.6	3.0	<0.002	0.16	0.20	0.4	1	<0.2	69.6	<0.05	<0.05	0.5	0.012	0.99
K310090		390	27.5	7.1	<0.002	0.87	0.19	1.0	1	0.3	74.1	0.07	<0.05	1.0	0.022	2.67
K310091		330	9.3	2.8	<0.002	0.26	0.07	0.4	<1	<0.2	55.0	<0.05	<0.05	0.7	0.014	0.76
K310092		490	9.9	5.6	<0.002	0.28	0.09	0.8	<1	0.2	58.4	0.06	<0.05	0.8	0.022	0.82
K310093		290	22.9	4.8	<0.002	0.97	0.12	0.7	1	<0.2	54.2	0.05	<0.05	0.9	0.021	1.47
K310094		460	10.2	3.3	<0.002	0.35	0.06	0.5	<1	<0.2	58.7	<0.05	<0.05	0.8	0.015	0.67
K310095		550	136.5	4.1	<0.002	6.26	0.07	0.6	<1	<0.2	62.8	<0.05	<0.05	0.6	0.014	4.33
K310096		600	27.9	3.8	<0.002	1.55	<0.05	0.5	<1	0.2	57.0	<0.05	<0.05	0.4	0.012	1.22
K310097		470	368	2.2	<0.002	1.15	0.06	0.4	1	<0.2	60.8	<0.05	<0.05	0.3	0.008	1.11
K310098		540	17.5	75.7	0.002	3.44	105.5	9.0	2	1.9	435	0.41	0.11	6.4	0.219	67.0
K310099		190	555	2.0	<0.002	0.94	0.18	0.4	<1	<0.2	69.3	<0.05	<0.05	0.3	0.009	1.34
K310100		280	42.8	4.8	<0.002	1.38	0.72	0.8	1	<0.2	120.0	<0.05	<0.05	0.8	0.020	3.58
K310101		360	70.9	1.8	<0.002	0.21	1.35	0.3	<1	<0.2	104.0	<0.05	<0.05	0.3	0.008	1.55
K310102		330	5.0	0.6	<0.002	0.22	0.10	0.1	<1	<0.2	84.3	<0.05	<0.05	<0.2	<0.005	0.70
K310103		340	158.0	0.3	<0.002	0.86	2.24	0.1	<1	<0.2	72.5	<0.05	<0.05	<0.2	<0.005	3.25
K310104		150	135.0	0.2	<0.002	0.51	1.52	0.1	<1	<0.2	76.4	<0.05	<0.05	<0.2	<0.005	1.99
K310105		310	17.1	1.0	<0.002	0.38	0.36	0.2	1	<0.2	79.8	<0.05	<0.05	0.2	<0.005	3.25
K310106		190	1.4	0.5	<0.002	0.01	<0.05	0.1	<1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	0.02
K310107		250	165.0	0.8	<0.002	0.38	1.08	0.2	<1	<0.2	85.4	<0.05	<0.05	<0.2	<0.005	0.96
K310108		410	11.5	3.8	<0.002	0.20	0.17	0.5	1	<0.2	81.9	<0.05	<0.05	0.5	0.012	0.58
K310109		440	46.9	9.6	<0.002	0.73	0.41	1.0	<1	0.2	94.8	0.07	<0.05	1.1	0.029	1.02
K310110		440	32.1	7.4	<0.002	0.32	0.55	0.9	1	0.2	99.5	0.06	<0.05	0.9	0.021	1.27
K310111		450	31.5	7.3	<0.002	0.32	0.52	0.9	1	0.2	98.5	0.05	<0.05	0.9	0.021	1.22
K310112		480	499	5.4	0.003	0.22	0.38	0.5	<1	0.2	77.4	<0.05	<0.05	0.7	0.016	0.73
K310113		510	54.6	1.4	0.002	0.16	0.18	0.3	<1	<0.2	83.9	<0.05	<0.05	0.3	0.005	0.19
K310114		350	8.4	74.6	<0.002	2.41	8.41	8.5	<1	1.3	689	0.41	0.07	5.0	0.253	9.45
K310115		460	10.6	4.6	<0.002	0.37	0.19	0.8	<1	<0.2	78.3	<0.05	<0.05	0.8	0.018	0.91
K310116		510	550	12.3	<0.002	0.46	1.08	1.5	<1	0.3	68.8	0.10	<0.05	1.6	0.040	2.72
K310117		180	2.7	1.0	<0.002	0.01	<0.05	0.1	<1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	0.02
K310118		440	10.0	14.8	<0.002	0.35	0.09	1.9	<1	0.3	73.7	0.12	<0.05	1.9	0.045	1.01
K310119		590	6.1	3.4	<0.002	0.41	0.12	0.8	<1	<0.2	96.9	<0.05	<0.05	0.6	0.013	1.20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145821

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
K310084		3.2	5	0.6	5.3	66	7.9	
K310085		1.1	2	0.1	1.7	55	1.0	
K310086		1.3	2	0.1	1.9	2810	2.0	
K310087		1.3	2	0.2	2.0	1260	1.9	
K310088		1.1	2	0.3	2.3	48	3.5	
K310089		1.3	2	0.4	2.5	35	4.3	
K310090		1.5	4	0.4	3.6	475	9.1	
K310091		0.9	2	0.3	2.1	311	5.5	
K310092		1.1	4	0.3	3.1	85	7.4	
K310093		1.4	4	0.3	2.6	8	7.6	
K310094		1.1	3	0.3	2.7	22	6.4	
K310095		1.2	3	0.3	2.8	1680	8.7	
K310096		1.0	3	0.1	2.9	2460	4.5	
K310097		1.1	2	0.1	2.8	1240	3.5	
K310098		4.3	63	8.2	21.8	131	61.2	3.43
K310099		1.0	3	0.2	2.3	1940	3.6	
K310100		2.5	5	0.6	3.0	457	8.6	
K310101		1.5	2	0.3	1.8	60	3.0	
K310102		1.2	1	0.1	1.5	5	1.4	
K310103		1.1	1	0.1	1.5	440	0.9	
K310104		1.0	1	0.1	1.1	115	0.6	
K310105		1.1	2	0.2	1.5	17	1.8	
K310106		0.6	2	<0.1	0.7	14	<0.5	
K310107		0.9	2	0.1	1.3	13	1.4	
K310108		0.9	4	0.3	2.0	6	5.1	
K310109		1.3	8	0.7	3.1	25	11.3	
K310110		1.5	7	0.5	3.0	12	8.8	
K310111		1.5	7	0.5	3.0	18	8.6	
K310112		1.5	3	0.4	2.5	102	6.7	
K310113		1.1	1	0.3	2.4	34	2.6	
K310114		2.1	69	5.4	14.4	46	58.7	
K310115		1.6	3	0.5	3.6	6	7.5	
K310116		2.1	8	0.9	4.2	43	14.9	
K310117		0.4	1	0.1	0.7	14	<0.5	
K310118		1.1	8	0.7	5.0	4	15.4	
K310119		0.5	3	0.3	4.3	4	5.6	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145821

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

CERTIFICATE WH13145829

Project: NADALEEN
P.O. No.: 13-042
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145829

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310120		3.66	<0.01	0.02	0.19	18	10	0.23	0.02	18.25	5.00	5.35	0.7	1	0.30	3.0
K310121		8.49	<0.01	0.02	0.28	21	20	0.29	0.03	18.55	0.46	7.35	0.7	2	0.58	5.7
K310122		11.38	<0.01	0.04	0.20	21	20	0.27	0.02	20.8	0.05	6.84	0.6	2	0.30	3.4
K310123		11.39	0.03	0.03	0.29	16	20	0.20	0.03	17.40	0.17	7.91	0.8	2	0.53	3.7
K310124		11.65	0.01	0.07	0.21	20	20	0.21	0.02	18.05	10.55	6.79	0.7	2	0.37	3.9
K310125		11.31	<0.01	0.08	0.47	43	30	0.26	0.03	20.0	0.46	11.40	1.3	4	1.05	5.4
K310126		<0.02	<0.01	0.07	0.47	45	30	0.28	0.03	19.80	0.49	11.60	1.4	4	1.09	5.7
K310127		11.82	<0.01	0.05	0.36	16	30	0.32	0.03	20.9	0.22	9.56	1.0	3	0.92	4.4
K310128		12.43	<0.01	0.04	0.18	20	30	0.29	0.02	21.9	7.83	5.28	0.5	1	0.32	2.6
K310129		10.92	<0.01	0.04	0.30	78	50	0.23	0.03	22.9	0.06	7.96	0.9	2	0.49	4.1
K310130		10.75	<0.01	0.02	0.10	257	10	0.09	0.09	21.6	0.03	3.34	0.4	1	0.12	3.0
K310131		0.23	0.50	0.09	3.85	2690	210	0.90	0.16	20.0	0.12	39.8	11.3	44	10.15	45.3
K310132		12.40	0.02	0.02	0.08	693	10	0.10	0.01	21.8	0.02	3.03	0.4	2	0.10	1.7
K310133		11.51	<0.01	0.01	0.09	346	10	0.09	0.57	22.0	<0.02	2.90	0.4	1	0.12	1.4
K310134		4.97	<0.01	0.01	0.11	806	20	0.07	0.34	22.1	<0.02	3.34	0.4	2	0.15	2.1
K310135		11.75	<0.01	0.02	0.12	135	10	0.10	0.01	21.7	0.76	2.94	0.4	1	0.15	1.5
K310136		11.62	0.05	0.03	0.15	265	30	0.10	0.02	21.0	0.68	5.61	0.6	2	0.19	2.5
K310137		10.82	0.04	0.04	0.17	307	40	0.06	0.02	20.9	0.97	5.37	0.6	3	0.26	3.0
K310138		6.94	<0.01	<0.01	0.05	<5	40	0.07	0.02	22.3	0.07	0.96	0.8	<1	0.41	1.9
K310139		10.70	0.01	0.02	0.26	566	30	0.14	0.03	20.5	<0.02	6.61	0.8	3	0.39	2.8
K310140		11.12	<0.01	0.03	0.65	202	40	0.26	0.03	20.1	2.14	12.20	1.5	4	1.31	4.4
K310141		12.41	0.05	0.18	0.63	317	60	0.30	0.08	20.4	0.07	12.05	1.5	6	1.19	6.0
K310142		9.93	0.09	0.03	0.54	380	60	0.29	0.03	18.20	1.58	10.55	1.5	4	0.86	3.7
K310143		10.79	0.02	0.03	0.44	1160	40	0.14	0.02	16.65	0.03	8.38	1.2	5	0.62	4.2
K310144		11.07	0.02	0.07	0.43	724	40	0.15	0.02	17.75	1.97	8.17	1.3	5	0.66	7.2
K310145		11.38	0.01	0.01	0.90	737	50	0.25	0.04	19.10	0.20	11.45	1.1	7	1.27	3.4
K310146		11.77	0.03	0.02	0.16	291	10	0.10	0.01	20.6	0.76	4.38	0.8	2	0.23	2.4
K310147		0.23	8.09	0.27	4.01	>10000	190	0.70	0.20	10.85	0.69	43.7	11.9	47	8.71	58.1
K310148		11.75	0.01	0.04	0.33	82	20	0.18	0.02	20.0	0.76	6.46	1.2	2	0.64	6.7
K310149		13.05	0.02	0.05	0.19	85	20	0.11	0.02	17.90	7.72	4.40	0.9	2	0.32	5.7
K310150		13.14	0.01	0.06	0.19	70	20	0.09	0.02	15.50	2.13	4.11	1.0	2	0.25	10.6
K310151		6.94	0.01	0.02	0.05	<5	20	0.06	0.22	22.1	0.08	1.18	0.6	1	0.10	2.6
K310152		12.89	0.01	0.07	0.14	65	10	0.08	0.02	16.45	1.46	4.11	1.0	3	0.20	9.9
K310153		12.11	<0.01	0.09	0.58	49	40	0.26	2.44	19.85	0.17	9.49	1.9	6	1.16	3.9
K310154		11.27	0.13	0.11	0.30	145	40	0.21	0.03	19.10	0.88	6.18	0.6	3	0.31	2.2
K310155		10.61	<0.01	0.08	0.13	117	20	0.15	1.55	21.2	0.28	2.58	0.4	2	0.15	1.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145829

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K310120		4.92	0.79	<0.05	0.1	1.20	0.005	0.08	3.7	1.1	10.05	1370	0.30	0.01	0.4	1.5
K310121		8.02	0.80	0.09	0.1	0.65	<0.005	0.12	5.6	1.6	10.70	1300	0.19	0.02	0.5	2.2
K310122		2.03	0.59	0.08	0.1	0.49	<0.005	0.08	5.0	1.0	12.00	1620	0.21	0.01	0.4	2.1
K310123		9.45	0.70	0.10	0.1	0.78	<0.005	0.13	5.7	1.3	10.10	1440	0.60	0.01	0.5	2.3
K310124		8.52	1.10	0.09	0.1	1.11	<0.005	0.09	4.9	1.2	10.55	1240	0.55	0.01	0.4	1.5
K310125		6.09	1.17	0.10	0.2	2.24	<0.005	0.21	8.0	1.7	11.60	1640	0.52	0.01	0.8	3.8
K310126		6.30	1.18	0.09	0.2	2.45	<0.005	0.21	8.0	1.7	11.45	1630	0.57	0.01	0.9	3.9
K310127		2.79	0.99	0.08	0.2	0.42	<0.005	0.16	6.8	1.7	12.40	1580	0.31	0.01	0.8	2.3
K310128		3.71	0.98	0.07	0.1	1.43	<0.005	0.07	3.9	1.0	12.95	1350	0.54	0.01	0.3	1.4
K310129		0.84	0.71	0.07	0.2	0.99	<0.005	0.12	5.5	1.4	13.30	981	0.51	0.02	0.6	2.1
K310130		1.03	0.28	0.07	0.1	0.66	<0.005	0.03	2.0	0.8	12.75	680	0.34	0.01	0.2	0.7
K310131		3.25	9.98	0.11	1.9	3.97	0.027	1.75	18.6	9.8	1.49	1240	1.69	0.02	6.1	25.9
K310132		0.54	0.22	0.07	0.1	0.49	<0.005	0.03	1.7	0.7	12.90	644	0.49	0.01	0.1	0.4
K310133		0.36	0.26	0.08	0.1	0.24	<0.005	0.03	1.7	0.8	13.05	499	0.39	0.01	0.2	0.6
K310134		0.43	0.33	0.09	0.1	0.32	<0.005	0.04	2.0	0.9	13.15	511	0.43	0.01	0.2	0.8
K310135		0.48	0.38	0.09	0.1	0.54	<0.005	0.04	1.8	0.9	13.30	495	0.27	0.01	0.2	0.6
K310136		0.75	0.46	0.10	0.1	3.63	<0.005	0.06	3.6	1.0	12.40	672	0.41	0.01	0.2	1.2
K310137		0.67	0.54	0.09	0.1	2.62	<0.005	0.07	3.4	1.1	12.25	711	0.54	0.01	0.3	1.6
K310138		0.51	0.21	0.08	<0.1	0.01	<0.005	0.03	0.5	1.1	13.20	207	0.09	<0.01	0.2	2.2
K310139		0.53	0.70	0.10	0.1	0.72	<0.005	0.11	4.4	1.4	12.40	721	0.28	0.01	0.4	1.9
K310140		2.19	1.98	0.09	0.3	3.23	<0.005	0.29	7.4	2.8	11.95	1220	0.37	0.01	1.1	3.3
K310141		0.68	1.69	0.10	0.3	1.53	<0.005	0.27	7.1	3.0	11.80	1120	0.21	0.01	1.1	3.2
K310142		2.33	1.54	0.09	0.3	8.31	<0.005	0.24	6.9	2.3	10.85	880	0.41	0.01	0.8	2.8
K310143		2.66	1.04	0.08	0.2	1.73	<0.005	0.19	5.3	2.1	10.00	568	3.66	0.01	0.7	2.0
K310144		3.91	1.23	0.07	0.3	2.53	<0.005	0.19	5.3	2.2	10.60	658	4.68	0.01	0.8	2.3
K310145		1.38	1.76	0.08	0.8	1.30	<0.005	0.32	7.3	4.2	11.20	640	1.18	0.02	1.2	1.9
K310146		5.52	0.48	0.08	0.1	1.58	<0.005	0.07	2.8	0.9	12.40	465	9.14	0.01	0.3	1.1
K310147		3.17	10.55	0.12	2.0	29.1	0.027	1.77	23.0	13.8	0.38	775	3.61	0.02	5.6	26.9
K310148		3.52	1.04	0.08	0.2	2.42	<0.005	0.15	4.0	2.0	11.75	570	3.98	0.01	0.6	2.3
K310149		8.77	1.40	0.10	0.1	6.31	<0.005	0.08	2.7	1.1	10.55	516	3.26	0.01	0.3	1.7
K310150		12.55	1.86	0.12	0.1	4.11	<0.005	0.08	2.5	1.0	9.19	407	16.80	0.01	0.3	1.6
K310151		0.48	0.16	0.09	<0.1	0.02	<0.005	0.01	0.6	0.9	13.10	200	0.12	0.01	0.1	2.0
K310152		9.35	1.54	0.11	0.1	3.07	<0.005	0.06	2.3	0.9	9.70	549	11.60	0.01	0.2	1.2
K310153		0.62	1.51	0.08	0.4	0.87	<0.005	0.26	4.9	3.3	12.00	486	0.50	0.01	1.0	3.6
K310154		0.99	0.78	0.07	0.2	3.93	<0.005	0.12	3.3	1.8	11.60	442	0.23	0.01	0.5	1.1
K310155		0.39	0.34	0.07	0.1	0.19	<0.005	0.05	1.4	0.9	12.65	485	0.06	0.01	0.2	0.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145829

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K310120		320	74.0	2.5	<0.002	2.21	<0.05	0.4	1	<0.2	75.6	<0.05	<0.05	0.4	0.009	4.18
K310121		300	39.4	3.9	<0.002	3.43	0.06	0.7	<1	<0.2	73.4	<0.05	<0.05	0.6	0.013	4.54
K310122		420	11.0	2.5	<0.002	1.24	<0.05	0.4	<1	<0.2	81.1	<0.05	<0.05	0.5	0.009	3.78
K310123		350	85.7	3.7	<0.002	>10.0	0.06	0.6	<1	<0.2	57.1	<0.05	<0.05	0.6	0.013	10.80
K310124		300	106.5	2.7	<0.002	9.63	0.05	0.5	<1	<0.2	66.5	<0.05	<0.05	0.5	0.009	5.58
K310125		930	137.0	6.4	<0.002	6.19	0.06	0.9	1	0.2	79.6	0.06	<0.05	1.0	0.022	6.86
K310126		880	144.5	6.5	<0.002	6.46	0.07	0.9	1	0.2	79.7	0.06	<0.05	1.0	0.021	7.17
K310127		640	23.8	5.0	<0.002	2.73	0.06	0.7	<1	<0.2	72.2	0.05	<0.05	0.8	0.017	4.65
K310128		350	96.1	2.3	0.002	3.61	<0.05	0.4	1	<0.2	99.5	<0.05	<0.05	0.4	0.008	2.10
K310129		510	11.7	3.7	<0.002	0.29	0.06	0.7	<1	<0.2	125.5	<0.05	<0.05	0.7	0.015	1.56
K310130		380	14.1	1.1	<0.002	0.76	0.07	0.3	<1	0.2	83.9	<0.05	<0.05	0.2	<0.005	1.20
K310131		400	9.0	82.9	0.002	2.66	9.42	9.3	1	1.3	722	0.44	<0.05	5.6	0.276	11.00
K310132		340	9.6	0.9	<0.002	0.26	0.13	0.2	<1	<0.2	87.8	<0.05	<0.05	0.2	<0.005	1.20
K310133		460	7.5	1.1	<0.002	0.16	0.05	0.2	<1	<0.2	82.2	<0.05	<0.05	0.2	<0.005	0.59
K310134		460	6.6	1.5	<0.002	0.25	0.06	0.3	<1	<0.2	87.3	<0.05	<0.05	0.2	0.005	0.72
K310135		380	7.5	1.4	<0.002	0.31	<0.05	0.2	1	<0.2	68.7	<0.05	<0.05	0.2	0.005	0.75
K310136		430	17.4	1.9	<0.002	0.38	0.44	0.3	<1	<0.2	96.2	<0.05	<0.05	0.3	0.007	2.41
K310137		440	11.4	2.1	<0.002	0.26	0.12	0.4	1	<0.2	112.5	<0.05	<0.05	0.4	0.009	2.06
K310138		180	1.3	2.2	<0.002	<0.01	<0.05	0.1	<1	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	0.02
K310139		470	8.3	3.4	<0.002	0.28	0.08	0.5	<1	<0.2	92.4	<0.05	<0.05	0.6	0.012	1.22
K310140		470	37.9	9.1	<0.002	2.23	0.07	1.1	<1	0.2	92.5	0.09	<0.05	1.3	0.030	5.17
K310141		520	18.7	9.0	<0.002	0.74	0.12	1.1	<1	0.4	116.0	0.08	<0.05	1.4	0.029	2.77
K310142		400	66.4	7.8	<0.002	2.21	0.24	0.9	<1	0.2	106.0	0.06	<0.05	1.0	0.024	7.25
K310143		350	33.2	6.4	<0.002	2.81	0.26	0.6	<1	0.2	68.5	0.07	<0.05	0.8	0.021	6.97
K310144		370	32.0	6.2	0.002	4.18	0.15	0.7	<1	0.2	64.2	0.05	<0.05	0.8	0.023	11.45
K310145		650	13.9	10.9	<0.002	1.11	0.12	1.3	1	0.4	69.8	0.08	<0.05	1.6	0.037	2.90
K310146		320	36.9	2.2	<0.002	6.42	0.08	0.3	<1	<0.2	67.0	<0.05	<0.05	0.4	0.008	13.90
K310147		570	17.2	87.0	0.004	3.60	108.5	8.6	2	1.8	428	0.38	0.13	6.7	0.232	67.1
K310148		240	23.8	5.2	<0.002	3.87	0.15	0.6	1	<0.2	70.2	<0.05	<0.05	0.7	0.018	14.25
K310149		170	94.3	2.8	<0.002	>10.0	0.09	0.4	<1	<0.2	64.3	<0.05	<0.05	0.4	0.010	28.0
K310150		200	20.6	2.5	0.002	>10.0	0.09	0.3	<1	<0.2	56.5	<0.05	<0.05	0.4	0.010	42.9
K310151		190	2.3	0.8	<0.002	0.01	0.14	0.2	<1	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	0.06
K310152		220	25.3	2.1	<0.002	>10.0	0.08	0.3	1	<0.2	56.5	<0.05	<0.05	0.3	0.008	47.0
K310153		280	15.8	8.8	<0.002	0.45	0.11	1.0	<1	0.2	81.3	0.07	<0.05	1.3	0.032	2.23
K310154		280	22.8	3.9	<0.002	0.90	0.25	0.5	<1	<0.2	106.0	<0.05	<0.05	0.6	0.016	3.83
K310155		220	11.7	1.6	<0.002	0.18	0.20	0.3	<1	0.5	70.0	<0.05	<0.05	0.3	0.006	0.39

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Finalized Date: 2-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145829

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
K310120		1.5	2	0.3	3.4	1520	4.0	
K310121		2.0	3	0.2	4.2	246	5.5	
K310122		2.3	2	0.1	4.5	23	3.9	
K310123		2.1	3	0.1	4.3	142	5.1	
K310124		1.5	2	0.1	3.4	3400	3.9	
K310125		3.5	4	0.2	7.5	267	8.1	
K310126		3.5	4	0.3	7.6	283	8.4	
K310127		3.0	4	0.1	5.8	168	6.6	
K310128		1.6	2	0.1	3.1	2840	3.8	
K310129		2.6	4	0.2	4.4	56	5.6	
K310130		1.4	2	0.1	2.4	19	2.2	
K310131		2.4	79	5.6	16.1	50	68.8	
K310132		1.2	2	0.1	2.2	12	1.8	
K310133		1.3	2	0.2	2.2	5	2.3	
K310134		1.5	2	0.1	2.4	3	3.5	
K310135		1.2	2	0.1	2.2	284	2.1	
K310136		2.0	2	0.3	3.3	218	2.9	
K310137		2.3	2	0.3	3.2	210	3.4	
K310138		0.7	2	0.1	0.7	19	<0.5	
K310139		2.5	3	0.5	3.6	7	4.7	
K310140		2.4	5	0.7	5.1	1030	10.9	
K310141		3.4	5	0.7	5.0	11	10.9	
K310142		2.7	4	0.6	4.1	457	11.5	
K310143		2.3	4	0.7	3.0	11	9.4	
K310144		2.0	4	0.8	3.2	371	9.3	
K310145		2.2	7	1.1	4.2	34	26.0	
K310146		1.6	2	0.3	2.0	240	3.8	
K310147		4.2	67	8.5	21.4	134	66.4	3.41
K310148		2.2	4	0.4	2.8	693	8.0	
K310149		1.3	2	0.2	2.1	3330	4.4	
K310150		1.4	3	0.2	1.9	4460	4.5	
K310151		0.8	2	0.1	0.8	20	<0.5	
K310152		1.1	2	0.1	1.8	2870	3.6	
K310153		2.2	7	0.4	3.5	42	14.0	
K310154		1.5	3	0.6	2.7	210	8.6	
K310155		0.9	3	0.2	1.5	6	3.2	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145829

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method:

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

CERTIFICATE WH13146954

Project: Nadaleen
P.O. No.: 13-043
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146954

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310156		9.62	<0.01	0.02	0.05	235	10	0.05	0.03	20.9	<0.02	1.31	0.2	1	0.07	1.2
K310157		11.53	<0.01	0.03	0.04	1520	10	<0.05	0.03	20.6	0.66	1.20	0.2	1	0.07	1.2
K310158		4.68	<0.01	0.03	0.04	997	10	<0.05	0.03	20.7	0.47	1.12	0.2	2	0.07	1.4
K310159		9.33	<0.01	0.02	0.03	2320	<10	<0.05	0.03	19.45	0.04	1.20	0.2	1	0.08	1.2
K310160		8.11	0.01	0.03	0.04	308	10	0.05	0.03	20.8	0.82	1.45	0.2	1	0.06	1.2
K310161		9.92	0.05	0.05	0.04	2080	<10	0.05	0.03	20.9	0.18	1.18	0.2	1	0.07	1.3
K310162		11.96	0.02	0.17	0.06	374	10	<0.05	0.03	20.3	0.27	2.47	0.3	1	0.09	1.1
K310163		0.29	0.49	0.10	3.54	2480	200	0.87	0.15	18.90	0.12	39.9	10.5	41	10.10	42.4
K310164		11.98	0.02	0.06	0.07	893	10	0.08	0.02	20.7	0.08	2.53	0.3	1	0.09	1.0
K310165		10.03	0.01	0.02	0.07	3980	10	0.05	0.02	20.2	0.07	2.18	0.4	1	0.11	1.9
K310166		11.19	0.04	0.08	0.08	5580	20	0.08	0.02	19.15	0.68	3.68	0.3	2	0.15	1.6
K310167		10.30	0.01	0.02	0.05	488	10	0.05	0.02	20.7	<0.02	2.27	0.3	1	0.05	1.6
K310168		6.79	<0.01	0.01	0.05	12	20	0.05	0.03	20.5	0.06	1.08	0.6	1	0.15	2.8
K310169		12.23	0.04	0.02	0.27	287	20	0.12	0.03	20.1	0.02	6.02	1.0	2	0.49	2.2
K310170		12.59	0.03	0.04	0.17	511	30	0.11	0.03	20.1	0.38	4.63	0.9	1	0.30	1.5
K310171		11.28	0.04	0.04	0.30	136	60	0.12	0.04	19.55	0.94	6.80	2.4	2	0.49	2.7
K310172		11.26	0.06	0.03	0.56	1390	50	0.18	0.04	19.05	0.07	9.12	1.9	5	0.97	2.6
K310173		<0.02	0.05	0.03	0.56	1360	50	0.19	0.04	19.35	0.04	9.60	1.9	4	0.99	2.7
K310174		9.36	0.02	0.03	0.26	638	20	0.12	0.03	19.80	0.20	5.74	1.2	3	0.41	1.3
K310175		11.47	0.04	0.07	0.37	1670	30	0.16	0.04	17.75	0.63	8.35	2.2	3	0.82	2.4
K310176		11.17	<0.01	0.03	0.19	1140	20	0.12	0.03	18.50	2.80	6.96	1.7	4	0.33	2.0
K310177		11.42	0.02	0.03	0.16	178	10	0.11	0.03	19.40	0.41	5.61	1.9	2	0.26	1.5
K310178		10.87	0.01	0.06	2.12	87	240	1.02	0.14	15.50	0.44	29.9	12.7	14	7.90	16.6
K310179		10.89	<0.01	0.06	1.42	64	200	0.54	0.11	14.65	1.15	23.0	6.8	12	4.27	11.0
K310180		5.26	0.13	0.13	1.10	107	90	0.36	0.09	16.85	1.51	19.85	10.0	8	2.57	15.2
K310181		16.10	0.13	0.24	1.69	322	130	0.54	0.13	14.75	4.66	26.0	18.9	13	3.76	24.5
K310182		10.87	0.04	0.41	0.52	341	630	0.23	0.06	17.95	24.1	14.80	9.0	5	1.21	25.4
K310183		0.27	2.56	0.20	3.61	5800	190	0.94	0.15	11.75	0.14	40.5	11.1	43	10.35	35.6
K310184		11.49	0.04	0.27	0.21	286	90	0.16	0.06	19.30	5.49	5.77	1.7	2	0.35	9.3
K310185		11.69	0.05	0.35	0.61	253	70	0.24	0.06	18.15	8.02	13.60	5.8	5	1.16	20.7
K310186		10.41	0.02	0.03	0.23	195	30	0.14	0.03	19.05	0.24	6.98	2.2	3	0.46	3.1
K310187		10.67	0.01	0.10	0.57	104	60	0.23	0.06	18.70	0.88	12.95	4.5	7	1.14	30.9
K310188		5.44	0.04	0.13	1.43	96	130	0.51	0.11	15.20	0.49	22.2	8.6	12	3.14	43.3
K310189		6.94	<0.01	0.01	0.05	5	210	0.06	0.03	20.7	0.06	1.23	0.7	<1	0.14	2.1
K310190		5.82	0.07	0.14	2.07	1100	210	0.91	0.15	15.25	0.07	24.9	14.6	16	6.78	57.3
K310191		11.82	0.23	0.09	2.83	1300	170	1.17	0.17	11.55	0.02	34.0	11.1	20	9.12	18.6

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146954

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310156		0.35	0.15	0.12	<0.1	0.08	0.005	0.01	0.7	0.7	12.70	476	0.07	0.01	0.1	<0.2
K310157		0.28	0.17	0.17	<0.1	1.18	<0.005	0.01	0.6	0.7	12.60	445	0.07	0.01	0.1	<0.2
K310158		0.27	0.14	0.16	<0.1	1.13	<0.005	0.01	0.6	0.7	12.65	435	0.07	0.01	0.1	0.5
K310159		0.28	0.12	0.22	<0.1	0.13	<0.005	0.01	0.7	0.7	11.75	419	0.07	0.01	0.1	<0.2
K310160		0.40	0.13	0.17	<0.1	0.89	<0.005	0.01	0.8	0.7	12.55	464	0.07	0.01	0.1	<0.2
K310161		0.44	0.11	0.19	<0.1	0.75	<0.005	0.01	0.7	0.8	12.65	473	0.09	0.01	0.1	<0.2
K310162		0.60	0.20	0.17	<0.1	1.08	<0.005	0.02	1.4	0.8	12.10	563	0.18	0.01	0.1	<0.2
K310163		2.95	9.22	0.16	1.9	3.68	0.043	1.70	20.1	10.0	1.44	1160	1.50	0.02	5.8	23.2
K310164		0.69	0.21	0.11	0.1	0.72	0.007	0.03	1.5	0.8	12.45	459	0.13	0.01	0.1	<0.2
K310165		0.35	0.21	0.13	<0.1	0.19	<0.005	0.02	1.3	0.9	12.10	441	0.11	0.01	0.1	<0.2
K310166		0.62	0.26	0.11	0.1	1.46	<0.005	0.03	2.0	1.2	11.40	764	0.15	0.01	0.1	<0.2
K310167		0.43	0.14	0.15	<0.1	0.14	<0.005	0.01	1.4	0.8	12.35	610	0.08	0.01	0.1	<0.2
K310168		0.45	0.16	0.15	<0.1	<0.01	<0.005	0.02	0.5	1.1	12.30	198	0.09	<0.01	0.1	1.1
K310169		0.44	0.82	0.18	0.2	0.37	<0.005	0.13	3.8	2.2	12.20	530	0.36	0.01	0.5	0.7
K310170		0.73	0.56	0.16	0.1	0.84	<0.005	0.07	2.9	1.4	11.95	664	0.46	0.01	0.3	0.3
K310171		0.75	1.10	0.16	0.2	2.09	<0.005	0.13	3.9	2.0	11.60	612	0.90	0.01	0.5	1.2
K310172		0.70	1.49	0.15	0.4	0.66	<0.005	0.27	4.8	3.0	11.35	597	0.25	0.01	0.9	1.4
K310173		0.69	1.51	0.15	0.4	0.60	<0.005	0.27	4.9	3.0	11.50	602	0.25	0.01	0.9	1.5
K310174		0.67	0.77	0.16	0.2	0.70	<0.005	0.12	3.2	1.8	11.75	721	0.35	0.01	0.4	0.5
K310175		0.74	1.18	0.16	0.3	1.94	<0.005	0.17	4.7	2.8	10.85	703	0.27	0.01	0.6	1.8
K310176		0.58	0.83	0.15	0.2	1.44	<0.005	0.09	3.9	1.7	11.05	772	0.19	0.01	0.3	1.1
K310177		0.56	0.57	0.16	0.1	0.90	<0.005	0.07	3.2	1.5	11.55	941	0.27	0.01	0.3	1.2
K310178		1.64	6.24	0.14	1.3	0.68	0.012	1.06	16.9	13.1	9.29	1330	0.32	0.02	3.6	12.6
K310179		1.94	4.08	0.14	0.9	0.84	0.008	0.73	12.2	8.9	8.81	1110	1.30	0.01	2.5	6.9
K310180		2.10	3.33	0.11	0.8	9.75	0.013	0.55	10.9	4.7	10.20	1040	2.53	0.01	1.9	8.6
K310181		2.34	5.27	0.13	1.1	16.2	0.019	0.85	14.3	7.2	8.82	1200	1.80	0.01	2.8	14.4
K310182		1.53	5.12	0.13	0.3	13.2	0.032	0.25	7.0	2.9	10.70	1280	0.72	0.01	0.9	6.5
K310183		2.75	9.53	0.15	2.1	16.4	0.027	1.73	21.0	12.4	2.51	1100	1.80	0.02	5.5	24.4
K310184		0.65	1.90	0.13	0.2	14.9	<0.005	0.10	3.2	1.6	11.40	778	0.22	0.01	0.3	0.5
K310185		1.12	3.25	0.13	0.4	12.9	<0.005	0.28	7.7	3.5	10.90	877	0.69	0.01	1.1	4.6
K310186		0.57	0.67	0.14	0.2	0.63	<0.005	0.10	4.1	1.7	11.35	900	0.30	0.01	0.4	1.6
K310187		1.29	1.66	0.13	0.4	1.07	<0.005	0.26	6.7	3.4	11.35	1110	0.86	0.01	1.0	4.3
K310188		1.49	4.14	0.16	0.9	0.83	0.005	0.66	12.9	8.1	9.60	1150	0.74	0.02	2.4	7.8
K310189		0.48	0.19	0.12	<0.1	0.01	0.010	0.02	0.6	1.1	12.70	213	0.09	<0.01	0.1	1.6
K310190		1.35	5.63	0.14	1.1	1.83	0.020	0.98	13.2	11.4	8.98	1200	0.45	0.02	3.4	11.0
K310191		2.88	7.57	0.15	1.5	1.49	0.026	1.28	17.3	15.3	7.17	1160	0.80	0.02	4.7	13.3

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146954

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K310156		190	2.3	0.5	0.002	0.13	0.13	0.1	<1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	0.34
K310157		210	2.8	0.4	<0.002	0.19	0.13	0.1	1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.30
K310158		210	3.5	0.5	0.002	0.15	0.13	0.1	<1	<0.2	43.4	<0.05	<0.05	<0.2	<0.005	0.27
K310159		190	1.7	0.4	<0.002	0.28	0.12	0.1	<1	<0.2	43.1	<0.05	<0.05	<0.2	<0.005	0.28
K310160		200	3.1	0.4	<0.002	0.22	0.11	0.1	<1	<0.2	41.6	<0.05	<0.05	<0.2	<0.005	0.33
K310161		220	117.5	0.4	<0.002	0.30	0.69	0.1	<1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	1.16
K310162		320	1090	0.8	<0.002	0.39	1.28	0.1	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	6.28
K310163		370	9.2	78.3	0.003	2.50	9.02	8.6	1	1.4	693	0.43	0.06	5.3	0.262	10.10
K310164		520	247	0.9	<0.002	0.65	0.59	0.1	<1	<0.2	53.0	<0.05	<0.05	0.2	<0.005	1.44
K310165		280	3.7	0.8	<0.002	0.40	0.19	0.1	<1	<0.2	51.8	<0.05	<0.05	<0.2	<0.005	0.25
K310166		500	16.6	1.0	<0.002	0.62	0.44	0.2	<1	<0.2	56.7	<0.05	<0.05	0.2	<0.005	0.80
K310167		270	1.7	0.6	<0.002	0.13	0.08	0.1	<1	<0.2	50.2	<0.05	<0.05	<0.2	<0.005	0.24
K310168		170	1.5	1.1	<0.002	0.01	0.06	0.1	<1	<0.2	49.0	<0.05	<0.05	<0.2	<0.005	<0.02
K310169		430	6.7	4.4	<0.002	0.24	0.13	0.6	<1	<0.2	62.7	<0.05	<0.05	0.6	0.015	0.72
K310170		260	496	2.6	<0.002	0.57	0.40	0.4	<1	<0.2	61.1	<0.05	<0.05	0.4	0.009	1.82
K310171		330	64.2	5.0	<0.002	0.57	0.27	0.6	1	0.2	74.5	<0.05	<0.05	0.6	0.016	1.26
K310172		580	11.9	10.1	0.002	0.50	0.19	1.0	<1	0.2	76.3	0.07	<0.05	1.1	0.027	1.26
K310173		580	10.7	10.2	<0.002	0.49	0.18	0.9	<1	0.2	78.0	0.07	<0.05	1.1	0.027	1.21
K310174		470	1080	4.2	<0.002	0.36	0.32	0.5	<1	<0.2	55.8	<0.05	<0.05	0.6	0.014	2.36
K310175		410	1770	5.9	0.002	0.64	0.76	0.7	1	0.2	63.3	0.05	<0.05	0.8	0.020	7.59
K310176		370	11.0	2.8	<0.002	0.48	0.16	0.5	1	<0.2	63.3	<0.05	<0.05	0.5	0.011	0.50
K310177		480	17.2	2.4	<0.002	0.26	0.15	0.4	1	<0.2	70.1	<0.05	<0.05	0.4	0.009	0.86
K310178		480	45.9	39.3	0.002	1.15	0.40	4.2	1	0.7	81.2	0.28	<0.05	4.4	0.110	1.87
K310179		560	99.3	25.8	<0.002	1.63	0.40	2.6	1	0.6	70.4	0.19	<0.05	2.9	0.078	2.28
K310180		280	62.2	19.5	0.002	2.02	0.82	2.1	1	0.6	94.0	0.15	<0.05	2.5	0.060	6.19
K310181		430	132.5	30.0	0.002	2.28	1.68	3.2	1	0.8	122.5	0.22	<0.05	3.6	0.085	7.51
K310182		530	2100	8.4	0.002	1.73	3.90	1.0	1	0.6	113.5	0.07	<0.05	1.1	0.026	10.55
K310183		420	11.7	80.7	0.003	2.45	21.9	9.6	1	1.5	298	0.43	0.05	5.6	0.257	43.5
K310184		360	139.0	3.4	<0.002	0.49	2.05	0.4	<1	0.4	89.9	<0.05	<0.05	0.5	0.011	2.44
K310185		440	519	9.4	0.002	1.20	5.09	1.3	1	0.5	104.5	0.09	<0.05	1.4	0.036	4.66
K310186		270	413	3.4	<0.002	0.33	0.36	0.5	<1	0.2	88.7	<0.05	<0.05	0.6	0.013	1.58
K310187		520	127.5	8.6	<0.002	1.07	1.13	1.2	1	0.3	101.0	0.08	<0.05	1.3	0.033	2.27
K310188		630	86.0	23.7	0.002	1.17	0.79	3.2	1	0.5	105.0	0.19	<0.05	3.2	0.076	2.68
K310189		170	2.4	1.0	<0.002	0.02	0.05	0.2	<1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.03
K310190		780	24.8	36.4	<0.002	0.97	0.38	4.2	1	0.7	94.6	0.26	<0.05	4.1	0.110	1.68
K310191		650	43.4	50.0	<0.002	2.55	0.41	5.3	1	1.0	89.6	0.34	<0.05	5.5	0.147	5.21

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146954

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
K310156		0.7	3	0.1	1.0	2	1.1	
K310157		0.8	2	0.1	0.9	150	1.0	
K310158		0.7	2	0.1	0.9	110	1.1	
K310159		0.7	1	0.1	0.9	11	1.1	
K310160		0.7	1	0.1	1.1	235	1.1	
K310161		0.8	1	0.1	0.9	38	0.9	
K310162		0.8	2	0.1	1.4	71	1.7	
K310163		2.2	71	5.0	15.8	46	59.3	
K310164		0.9	1	0.1	1.6	17	2.1	
K310165		0.8	1	0.1	1.4	20	1.9	
K310166		0.9	2	0.2	2.1	128	2.4	
K310167		0.7	1	0.1	1.3	5	1.2	
K310168		0.6	2	0.1	0.7	17	<0.5	
K310169		1.5	3	0.4	3.0	5	6.0	
K310170		1.2	2	0.2	2.5	99	4.0	
K310171		1.5	4	0.4	3.4	402	7.2	
K310172		2.2	9	0.5	4.4	22	11.9	
K310173		2.2	9	0.5	4.6	17	12.2	
K310174		1.5	4	0.3	2.7	107	5.8	
K310175		1.4	4	0.4	3.1	248	8.2	
K310176		1.3	3	0.2	2.9	1220	5.3	
K310177		1.5	3	0.3	2.7	188	4.2	
K310178		2.1	22	1.0	9.4	150	41.5	
K310179		1.7	15	0.6	7.4	575	30.1	
K310180		2.1	11	1.4	5.2	891	24.9	
K310181		2.5	16	2.1	7.9	2910	34.3	
K310182		1.4	6	0.4	5.7	>10000	10.9	1.155
K310183		6.2	78	7.0	17.7	54	65.9	
K310184		1.2	3	0.3	2.4	4600	4.7	
K310185		2.1	7	0.7	4.5	5250	13.8	
K310186		1.5	3	0.4	2.9	99	6.1	
K310187		1.8	6	0.7	5.3	266	12.8	
K310188		2.5	17	1.5	8.3	98	30.0	
K310189		0.7	2	0.1	0.7	20	<0.5	
K310190		3.6	27	2.0	9.5	59	40.6	
K310191		2.4	28	1.6	10.4	15	52.2	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146954

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU- 31	CRU- QC	LOG- 22	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
Au- AA26	Hg- CV41	ME- MS61	ME- OG62
Zn- OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE WH13145822

Project: Nadaleen

P.O. No.: 13-044

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145822

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K308860		5.28	2.63	0.02	1.46	812	120	0.30	0.08	29.0	0.15	21.4	5.6	11	4.05	15.9
K308861		9.03	6.50	0.06	3.79	2520	160	1.02	0.19	17.70	0.30	49.4	12.4	36	13.35	36.7
K308862		11.13	0.85	0.05	2.62	519	160	0.80	0.14	25.3	0.24	38.0	9.4	22	10.30	27.8
K308863		9.42	4.60	0.06	4.45	1590	200	1.07	0.22	17.25	0.46	56.9	14.3	43	15.40	41.9
K308864		8.07	5.65	0.04	1.81	3640	130	0.44	0.09	27.6	0.36	35.4	6.1	14	4.87	17.9
K308865		0.28	7.70	0.28	3.91	>10000	180	0.67	0.20	10.60	0.67	44.1	12.9	44	8.86	56.3
K308866		10.83	5.42	0.04	1.85	>10000	140	0.38	0.10	23.1	0.49	30.9	6.6	18	6.00	20.1
K308867		6.81	<0.01	0.01	0.06	55	30	0.08	0.02	22.0	0.06	1.26	0.7	<1	0.18	2.0
K308868		7.53	3.44	0.03	2.03	>10000	140	0.44	0.10	25.1	0.32	33.3	7.1	18	6.66	20.0
K308869		10.11	1.69	0.02	1.26	469	110	0.33	0.06	32.1	0.15	19.70	4.6	8	4.17	12.8
K308870		10.87	1.75	0.02	1.40	453	100	0.40	0.07	31.2	0.17	19.25	4.8	9	4.92	13.2
K308871		8.39	1.41	0.03	1.49	351	100	0.46	0.07	31.4	0.17	21.6	5.3	10	5.43	15.7
K308872		4.00	5.47	0.05	2.82	>10000	160	0.72	0.16	19.75	0.47	39.2	9.5	26	10.70	28.2
K308873		6.96	4.75	0.05	2.76	1320	170	0.60	0.13	22.6	0.31	37.9	9.4	26	8.79	27.4
K308874		9.77	4.81	0.05	2.90	797	190	0.61	0.13	22.7	0.31	35.5	10.9	26	8.78	28.9
K308875		8.90	5.92	0.06	4.15	1130	220	0.94	0.20	18.55	0.44	49.6	14.8	42	14.10	40.3
K308876		5.36	3.89	0.06	4.46	1100	230	1.07	0.20	16.45	0.43	50.8	15.7	45	14.90	42.0
K308877		11.73	3.34	0.05	3.86	889	200	0.95	0.20	19.10	0.30	48.8	12.6	36	11.90	33.8
K308878		9.95	3.85	0.05	2.19	593	160	0.64	0.12	36.3	0.28	36.2	7.5	16	6.60	21.5
K308879		12.11	1.26	0.04	2.72	348	190	0.84	0.13	26.3	0.22	34.3	9.4	21	9.68	26.6
K308880		13.22	2.49	0.06	4.27	533	190	1.17	0.22	16.10	0.42	56.9	14.2	42	14.75	40.7
K308881		9.72	0.69	0.03	1.52	230	170	0.48	0.08	31.3	0.14	23.2	5.4	10	4.32	14.7
K308882		7.26	0.02	0.03	1.48	108	200	0.51	0.08	32.0	0.20	26.8	5.4	11	4.75	15.5
K308883		10.30	0.05	0.01	0.85	142	140	0.35	0.05	34.5	0.14	14.00	3.1	3	2.30	8.9
K308884		9.93	<0.01	0.10	0.65	99	180	0.31	0.04	35.0	0.11	11.10	2.6	1	1.62	7.8
K308885		10.82	<0.01	0.04	1.60	83	210	0.51	0.08	30.1	0.20	25.6	5.6	12	4.75	16.5
K308886		11.50	<0.01	0.06	3.27	120	250	0.88	0.15	21.9	0.28	36.1	11.6	28	9.33	30.7
K308887		12.88	<0.01	0.04	2.32	85	200	0.53	0.12	26.4	0.21	31.3	7.7	19	7.02	21.8
K308888		<0.02	<0.01	0.04	2.47	103	210	0.53	0.13	25.8	0.20	32.3	7.4	21	7.58	28.3
K308889		11.61	<0.01	0.03	1.82	127	210	0.49	0.11	30.4	0.16	26.2	6.1	14	6.52	19.3
K308890		13.28	<0.01	0.07	4.10	605	190	0.86	0.20	17.35	0.30	52.0	12.9	41	13.95	39.7
K308891		0.26	2.55	0.19	3.81	6210	200	0.81	0.14	12.20	0.14	40.2	11.4	45	10.40	35.4
K308892		11.39	<0.01	0.06	3.21	613	230	0.65	0.16	26.2	0.24	39.3	10.4	30	8.15	31.4
K308893		11.95	<0.01	0.02	0.95	209	140	0.28	0.06	35.0	0.11	17.40	3.2	4	2.28	10.1
K308894		6.86	<0.01	0.01	0.04	9	30	0.05	0.02	21.3	0.06	0.98	0.7	<1	0.10	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145822

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K308860		1.05	4.04	0.12	0.7	12.1	0.027	0.69	10.3	7.3	0.22	1320	1.09	0.01	2.1	9.5
K308861		2.73	10.25	0.18	1.8	25.2	0.035	1.79	26.3	14.2	0.39	1140	1.88	0.02	5.3	22.3
K308862		1.89	7.18	0.14	1.2	9.6	0.023	1.23	20.1	9.5	0.67	866	1.38	0.02	3.9	16.3
K308863		2.66	12.00	0.17	2.3	22.5	0.036	2.07	29.7	15.9	0.45	689	2.00	0.02	6.4	25.7
K308864		1.39	5.33	0.15	1.0	17.5	0.014	0.84	17.3	9.0	0.25	873	0.95	0.01	2.6	10.3
K308865		3.02	10.85	0.12	1.9	28.0	0.033	1.80	24.6	14.5	0.36	802	3.72	0.02	5.7	27.5
K308866		1.38	5.44	0.11	1.0	18.5	0.018	0.84	14.6	13.6	0.22	627	1.02	0.01	2.8	11.6
K308867		0.49	0.22	0.12	<0.1	0.2	<0.005	0.02	0.6	1.1	13.05	214	0.21	<0.01	0.2	1.5
K308868		1.36	5.86	0.14	1.1	13.1	0.025	0.96	16.4	10.5	0.25	877	0.79	0.01	3.0	12.1
K308869		1.05	3.50	0.13	0.6	7.1	0.005	0.61	8.9	4.4	0.26	1030	0.44	0.01	1.8	7.4
K308870		1.08	4.03	0.14	0.8	8.1	0.007	0.67	8.9	5.3	0.25	818	0.45	0.01	2.2	7.7
K308871		1.13	4.04	0.12	0.8	6.0	0.010	0.69	9.4	5.9	0.27	2290	0.49	0.01	2.1	9.0
K308872		1.86	7.85	0.13	1.4	16.3	0.032	1.23	20.7	14.1	0.28	3600	1.62	0.01	4.1	16.3
K308873		2.06	7.52	0.13	1.4	17.3	0.017	1.25	19.6	11.2	0.32	2560	1.13	0.01	4.0	16.1
K308874		2.13	7.99	0.14	1.5	15.4	0.015	1.31	17.1	10.9	0.30	1780	1.03	0.01	4.3	18.4
K308875		2.64	11.30	0.16	2.1	16.4	0.030	1.85	26.3	14.0	0.36	1200	2.05	0.02	6.3	25.1
K308876		2.75	11.85	0.16	2.2	16.4	0.033	2.01	26.4	14.6	0.37	1290	2.09	0.02	6.5	27.1
K308877		2.55	10.15	0.18	2.0	13.7	0.027	1.79	27.2	11.8	0.63	1000	1.81	0.02	5.6	21.7
K308878		1.68	5.86	0.16	1.1	10.0	0.019	1.02	18.4	8.6	0.45	4690	1.29	0.02	3.1	12.7
K308879		1.95	7.09	0.13	1.3	7.1	0.020	1.27	17.1	9.3	0.82	1360	1.40	0.02	3.8	15.7
K308880		2.71	11.40	0.19	2.2	12.3	0.040	1.97	29.5	14.4	1.07	2010	1.93	0.02	6.4	25.3
K308881		1.16	3.96	0.12	0.8	4.3	0.007	0.71	11.2	4.9	0.52	692	0.80	0.01	2.2	8.9
K308882		1.01	3.94	0.13	0.8	3.4	0.006	0.68	12.1	5.3	0.50	265	0.63	0.01	2.2	8.8
K308883		0.73	2.33	0.13	0.5	4.0	<0.005	0.39	7.1	2.6	0.34	458	0.53	0.01	1.3	4.7
K308884		0.71	1.67	0.12	0.4	2.0	<0.005	0.26	5.5	2.3	0.44	422	0.52	0.01	1.0	4.3
K308885		1.09	4.31	0.16	0.8	2.9	0.009	0.74	11.9	5.8	0.57	156	0.74	0.01	2.4	9.8
K308886		2.07	8.55	0.15	1.6	4.6	0.026	1.54	19.1	10.8	0.92	210	1.86	0.02	4.8	18.6
K308887		1.61	6.09	0.16	1.2	3.4	0.014	1.09	15.0	8.0	0.75	182	1.02	0.02	3.3	13.3
K308888		1.68	6.29	0.17	1.2	3.5	0.020	1.18	17.2	8.1	0.77	185	1.14	0.02	3.4	14.3
K308889		1.26	4.59	0.17	1.0	2.8	0.016	0.86	13.1	6.9	0.66	201	0.94	0.02	2.6	10.7
K308890		2.61	10.45	0.24	2.1	11.1	0.037	1.95	27.1	13.3	1.40	351	1.63	0.03	5.7	23.8
K308891		2.87	9.86	0.17	2.3	15.4	0.026	1.85	21.4	11.7	2.55	1180	1.86	0.02	5.7	26.1
K308892		2.01	8.20	0.19	1.8	11.3	0.028	1.52	20.3	8.4	0.98	478	1.17	0.02	4.6	18.6
K308893		0.76	2.51	0.18	0.5	4.1	0.008	0.45	8.0	2.8	0.43	253	0.44	0.01	1.4	5.1
K308894		0.46	0.18	0.21	<0.1	<0.1	<0.005	0.02	0.5	0.9	12.90	210	0.08	<0.01	0.1	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145822

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K308860		390	5.2	32.4	0.003	1.15	7.51	11.4	1	0.5	1230	0.15	<0.05	2.4	0.081	27.8
K308861		270	12.0	84.0	0.008	2.99	22.7	11.7	1	1.3	647	0.38	0.08	5.8	0.214	68.1
K308862		290	8.6	60.0	0.005	1.74	6.51	8.1	2	0.9	1655	0.27	0.05	4.1	0.150	20.8
K308863		240	14.4	97.2	0.006	2.91	42.8	11.5	2	1.4	1055	0.47	0.12	7.0	0.256	64.3
K308864		310	6.7	39.9	0.003	1.58	39.2	7.0	1	0.6	1500	0.19	0.08	3.1	0.100	44.8
K308865		530	17.2	82.2	0.002	3.55	108.5	8.5	2	1.9	456	0.41	0.15	6.6	0.225	67.2
K308866		1200	6.8	43.3	0.004	2.24	73.2	7.0	2	0.6	1115	0.19	0.09	3.1	0.110	52.4
K308867		190	1.4	1.2	<0.002	0.02	0.34	0.2	<1	<0.2	56.6	<0.05	<0.05	0.7	<0.005	0.29
K308868		230	6.9	47.0	0.004	1.93	45.3	11.3	2	0.6	1125	0.22	0.06	3.4	0.121	36.9
K308869		310	4.3	27.4	0.002	0.95	12.60	5.6	1	0.4	1570	0.12	<0.05	1.9	0.077	18.50
K308870		420	4.5	32.3	<0.002	1.03	15.90	6.0	<1	0.4	1375	0.15	0.06	2.2	0.089	22.5
K308871		210	4.8	32.8	0.003	1.07	7.79	5.7	<1	0.4	1450	0.15	<0.05	2.2	0.095	13.70
K308872		250	10.0	60.7	0.008	4.06	108.5	9.2	2	0.9	556	0.30	0.12	4.6	0.160	42.2
K308873		380	10.1	59.4	0.003	2.26	31.3	12.1	1	0.8	958	0.29	0.10	4.3	0.171	41.9
K308874		270	9.3	60.4	0.006	2.30	32.7	10.0	<1	0.9	1220	0.30	0.08	4.2	0.197	40.8
K308875		320	13.3	87.6	0.008	2.82	39.5	10.1	1	1.3	1310	0.43	0.12	6.2	0.262	47.7
K308876		330	13.6	91.9	0.006	2.95	36.9	10.7	1	1.3	1140	0.46	0.11	6.6	0.284	45.2
K308877		330	11.9	80.9	0.007	2.58	21.0	8.7	1	1.2	1125	0.40	0.08	5.9	0.235	31.5
K308878		360	8.0	48.0	0.003	1.58	25.1	13.7	1	0.7	2080	0.24	0.09	3.6	0.125	31.1
K308879		250	8.8	59.8	0.008	1.68	8.25	8.0	1	0.8	1965	0.28	0.06	4.2	0.157	14.10
K308880		250	14.4	94.3	0.005	2.70	17.80	11.1	2	1.4	1155	0.46	0.08	6.9	0.247	27.6
K308881		150	5.2	31.0	0.003	1.04	4.46	4.0	<1	0.5	2000	0.16	<0.05	2.5	0.085	7.83
K308882		630	5.4	30.5	0.004	0.90	0.91	3.8	1	0.4	2200	0.16	<0.05	2.6	0.086	5.71
K308883		230	3.0	17.3	0.002	0.61	0.35	2.3	1	0.3	1645	0.09	<0.05	1.5	0.049	5.50
K308884		1270	3.0	11.4	0.003	0.51	0.24	1.7	<1	0.2	2080	0.07	<0.05	1.2	0.038	2.76
K308885		740	5.8	32.4	0.002	0.91	0.43	4.0	1	0.5	2190	0.17	0.05	2.6	0.096	3.62
K308886		200	10.4	67.8	0.007	1.84	0.82	6.7	1	1.0	1630	0.34	<0.05	4.9	0.201	6.90
K308887		180	7.7	49.2	0.004	1.40	0.53	5.2	1	0.7	1935	0.24	0.06	3.7	0.133	4.73
K308888		180	9.8	53.4	0.005	1.47	0.58	5.6	1	0.8	1875	0.27	<0.05	3.7	0.144	4.72
K308889		210	6.5	40.7	0.004	1.03	0.37	4.9	2	1.4	2170	0.21	<0.05	2.8	0.112	3.79
K308890		240	12.8	85.8	0.005	2.31	1.91	9.0	2	1.3	829	0.43	0.07	6.1	0.248	11.80
K308891		430	10.7	84.2	0.002	2.55	22.3	10.0	2	1.6	321	0.43	<0.05	5.6	0.269	40.0
K308892		230	13.3	68.0	0.004	1.87	4.63	6.4	2	1.1	1155	0.35	0.05	4.7	0.200	13.65
K308893		340	4.2	19.1	0.002	0.57	1.46	2.7	1	0.3	2030	0.10	<0.05	1.6	0.053	5.62
K308894		170	1.2	0.8	<0.002	<0.01	<0.05	0.1	<1	<0.2	50.1	<0.05	<0.05	<0.2	<0.005	0.20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145822

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
K308860		3.4	27	2.1	23.4	23	24.5	
K308861		3.2	71	5.2	24.8	62	61.6	
K308862		2.7	48	3.7	25.0	43	45.7	
K308863		3.6	78	5.9	28.4	75	72.1	
K308864		2.9	31	2.1	27.7	38	30.6	
K308865		4.2	64	9.1	22.7	136	63.3	3.43
K308866		3.9	35	2.8	24.8	42	35.0	1.760
K308867		4.7	2	0.1	0.9	18	0.6	
K308868		3.1	37	2.7	25.0	39	32.8	1.115
K308869		2.0	23	1.8	13.5	20	21.4	
K308870		1.9	24	2.3	14.6	22	26.2	
K308871		2.2	26	2.2	15.0	24	24.1	
K308872		3.3	51	3.9	20.8	52	48.7	4.54
K308873		2.9	50	3.9	21.9	35	48.4	
K308874		2.5	55	5.1	18.5	46	50.8	
K308875		3.0	77	6.8	21.9	66	71.0	
K308876		3.0	83	7.3	23.5	80	72.9	
K308877		2.9	69	5.4	24.1	59	64.7	
K308878		2.2	40	3.5	28.9	35	35.7	
K308879		2.2	50	3.8	18.7	47	41.4	
K308880		3.6	75	5.8	28.2	70	71.4	
K308881		2.0	25	1.8	14.0	24	25.4	
K308882		3.3	25	2.0	19.7	22	26.1	
K308883		1.7	15	0.8	9.3	12	15.7	
K308884		1.5	12	0.7	8.4	11	15.3	
K308885		2.6	28	1.2	17.0	27	28.0	
K308886		2.7	56	2.1	14.5	54	52.0	
K308887		2.5	41	1.2	15.0	29	37.2	
K308888		2.6	42	1.2	15.3	34	41.0	
K308889		2.5	33	0.6	19.2	28	30.0	
K308890		3.3	73	4.1	23.4	64	67.8	
K308891		6.5	84	7.5	18.5	48	69.6	
K308892		2.8	55	4.9	16.3	53	54.9	
K308893		2.2	17	1.4	14.3	14	17.0	
K308894		0.4	2	0.1	0.7	14	<0.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13145822

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU- 31	CRU- QC	LOG- 22	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

CERTIFICATE WH13145828

Project: NADALEEN
P.O. No.: 13-045
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145828

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K308895		12.66	<0.01	0.04	2.33	497	180	0.58	0.13	25.4	0.21	34.7	8.5	25	5.68	29.8
K308896		8.55	<0.01	0.02	0.45	333	90	0.20	0.03	35.2	0.09	9.96	1.8	2	0.95	6.2
K308897		9.63	0.05	0.04	1.99	>10000	140	0.47	0.10	28.5	0.22	26.6	6.9	19	7.80	20.1
K308898		6.11	0.03	0.02	1.21	4910	170	0.35	0.06	30.7	0.13	17.80	4.2	10	4.05	13.6
K308899		7.99	0.14	0.03	2.08	2840	150	0.65	0.11	25.9	0.18	34.0	7.2	19	6.54	21.5
K308900		3.63	0.15	0.04	2.14	2720	160	0.56	0.12	26.4	0.16	39.0	7.4	19	6.71	21.8
K308901		10.50	1.74	0.08	3.35	9130	170	0.62	0.17	19.60	0.35	55.1	12.3	34	10.65	36.4
K308902		10.63	0.46	0.02	0.54	293	110	0.25	0.03	33.2	0.09	9.93	1.9	4	1.28	6.2
K308903		12.69	0.05	0.02	0.61	109	130	0.23	0.04	33.8	0.10	10.65	2.3	4	2.02	7.2
K308904		11.65	0.10	0.02	0.89	179	140	0.28	0.04	31.7	0.11	13.90	3.2	6	2.99	9.7
K308905		12.07	<0.01	0.02	0.84	1510	130	0.33	0.04	32.5	0.15	12.85	3.4	7	2.63	10.0
K308906		11.73	0.10	0.03	0.69	936	110	0.27	0.04	34.5	0.16	12.60	2.8	5	1.99	8.8
K308907		0.28	7.87	0.33	4.09	>10000	190	0.79	0.19	10.60	0.69	46.2	13.5	42	9.33	58.6
K308908		6.34	3.17	0.07	1.79	>10000	120	0.30	0.10	16.50	0.33	28.9	6.7	20	4.51	20.6
K308909		7.70	2.00	0.04	1.61	>10000	110	0.30	0.09	7.89	0.28	28.1	6.5	21	3.95	19.0
K308910		9.01	2.42	0.05	2.38	6540	150	0.50	0.12	16.55	0.30	39.8	9.4	26	5.33	26.8
K308911		7.18	<0.01	0.01	0.07	35	30	0.08	0.03	21.1	0.08	1.35	0.7	<1	0.27	2.2
K308912		7.50	0.23	0.01	0.39	473	90	0.20	0.03	34.7	0.07	7.81	1.7	3	0.74	4.9
K308913		11.67	0.28	0.01	0.50	231	90	0.20	0.04	33.5	0.09	11.00	2.3	3	1.11	6.8
K308914		12.79	<0.01	0.01	0.36	50	120	0.20	0.03	35.1	0.07	6.58	1.5	1	0.98	4.4
K308915		11.88	<0.01	0.01	0.26	50	90	0.14	0.02	35.1	0.09	5.96	1.2	1	0.53	3.7
K308916		12.30	<0.01	0.01	0.58	41	150	0.23	0.04	34.2	0.13	11.55	2.5	3	1.98	8.4
K308917		5.95	0.02	0.05	0.20	169	80	0.10	0.02	34.9	0.05	4.58	1.0	<1	0.39	3.1
K308918		8.84	0.88	0.02	0.37	9770	70	0.13	0.03	33.4	0.08	5.64	1.5	3	0.89	4.7
K308919		12.48	0.55	0.02	0.75	8080	100	0.21	0.04	32.0	0.15	11.05	2.9	7	1.79	8.4
K308920		7.49	<0.01	0.03	0.35	181	130	0.17	0.03	35.5	0.11	7.52	1.6	1	0.93	4.5
K308921		0.28	2.62	0.18	3.99	6520	210	1.19	0.14	12.05	0.18	43.7	13.4	41	11.25	39.2
K308922		11.35	0.08	0.03	1.48	1680	120	0.34	0.07	29.9	0.23	23.7	5.5	12	3.58	15.7
K308923		11.77	0.13	0.01	0.41	386	90	0.20	0.03	34.5	0.05	8.13	1.8	2	0.81	5.4
K308924		10.37	0.04	0.02	0.83	633	110	0.21	0.06	33.2	0.09	15.20	3.4	7	1.85	11.0
K308925		7.22	<0.01	0.01	0.06	<5	50	0.13	0.02	20.7	0.07	1.05	0.6	<1	0.16	10.7
K308926		6.17	<0.01	0.02	0.64	89	130	0.32	0.04	34.3	0.09	11.05	2.4	4	1.50	7.7
K308927		12.25	<0.01	<0.01	0.30	63	100	0.15	0.02	34.5	0.06	6.34	1.3	1	0.64	3.9
K308928		11.26	<0.01	0.01	0.63	619	140	0.31	0.04	33.9	0.13	10.25	2.5	5	1.57	7.1
K308929		12.92	<0.01	0.02	0.59	70	160	0.21	0.04	34.3	0.15	10.05	2.3	4	1.67	6.9
K308930		<0.02	<0.01	0.01	0.58	69	160	0.25	0.03	34.3	0.11	10.00	2.3	4	1.59	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145828

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K308895		1.65	6.53	0.14	1.3	13.6	0.019	1.08	18.1	7.2	0.61	357	0.95	0.01	3.5	15.2
K308896		0.61	1.41	0.09	0.3	7.27	0.019	0.20	4.8	2.1	0.22	509	0.26	0.01	0.7	2.9
K308897		1.26	5.48	0.09	1.1	33.1	0.037	0.89	13.0	6.6	0.27	471	0.64	0.01	2.9	11.3
K308898		0.75	3.50	0.10	0.7	9.68	0.021	0.55	9.7	5.4	0.23	259	0.31	0.01	1.9	7.4
K308899		1.21	5.97	0.22	1.1	22.5	0.029	0.95	16.7	8.7	0.26	328	0.77	0.01	3.1	12.2
K308900		1.26	6.21	0.11	1.2	21.4	0.028	0.96	19.4	8.9	0.26	329	0.78	0.01	3.2	12.8
K308901		2.06	9.53	0.14	1.9	37.9	0.034	1.48	26.1	13.8	0.32	556	1.30	0.01	5.0	21.0
K308902		0.48	1.66	0.07	0.3	7.43	0.018	0.24	4.5	3.5	0.22	429	0.28	0.01	0.8	3.0
K308903		0.46	1.76	0.13	0.3	3.54	0.009	0.27	4.9	3.1	0.35	238	0.29	0.01	0.9	3.9
K308904		0.57	2.52	0.06	0.5	3.65	0.012	0.41	6.7	4.3	0.35	155	0.31	0.01	1.4	5.4
K308905		0.65	2.49	0.08	0.4	3.05	0.016	0.38	6.1	4.2	0.55	179	0.32	0.01	1.2	5.7
K308906		0.55	1.98	<0.05	0.4	6.37	0.016	0.31	6.1	2.9	0.35	309	0.44	0.01	1.0	4.4
K308907		3.10	11.95	0.13	2.1	28.4	0.043	1.74	22.9	15.6	0.37	768	3.99	0.02	5.9	28.5
K308908		1.43	4.92	<0.05	0.9	22.2	0.031	0.77	13.7	24.3	0.19	339	0.73	0.01	2.5	11.5
K308909		1.32	4.73	<0.05	0.9	22.0	0.024	0.70	12.9	41.4	0.14	294	0.66	0.01	2.3	10.9
K308910		1.98	6.74	0.06	1.4	33.9	0.033	1.10	17.9	23.0	0.23	593	1.18	0.01	3.4	15.7
K308911		0.48	0.28	0.08	<0.1	0.08	0.005	0.03	0.7	1.3	12.60	206	0.11	0.01	0.2	1.6
K308912		0.35	1.12	0.06	0.2	5.93	0.019	0.17	3.6	2.9	0.18	528	0.24	0.01	0.6	2.5
K308913		0.43	1.49	<0.05	0.3	7.83	0.014	0.22	5.0	3.5	0.21	348	0.50	0.01	0.8	3.8
K308914		0.34	1.04	<0.05	0.2	1.21	0.009	0.16	2.9	1.8	0.72	134	0.21	0.01	0.5	2.3
K308915		0.25	0.84	<0.05	0.1	0.68	0.005	0.12	2.7	1.4	0.50	210	0.21	0.01	0.4	1.8
K308916		0.42	1.81	0.10	0.3	1.00	0.012	0.26	5.4	3.1	0.46	100	0.31	0.01	0.9	4.2
K308917		0.24	0.62	0.09	0.1	1.78	0.007	0.09	2.1	1.1	0.35	332	0.20	0.01	0.3	1.6
K308918		0.35	1.11	0.05	0.2	9.22	0.020	0.16	2.5	3.2	0.18	487	0.24	0.01	0.5	2.4
K308919		0.56	2.30	0.07	0.4	9.22	0.027	0.34	5.3	5.0	0.24	589	0.33	0.01	1.1	4.7
K308920		0.31	1.14	0.07	0.2	2.15	0.007	0.16	3.4	1.8	0.38	134	0.24	0.01	0.6	2.4
K308921		2.92	11.45	0.09	2.1	15.5	0.046	1.79	20.5	13.6	2.56	1160	2.08	0.02	6.4	28.3
K308922		0.87	4.28	0.10	0.8	8.34	0.019	0.68	11.9	5.9	0.25	318	0.53	0.01	2.3	9.2
K308923		0.33	1.22	<0.05	0.3	5.19	0.009	0.18	3.7	1.9	0.24	280	0.23	0.01	0.6	2.9
K308924		0.59	2.43	0.06	0.4	7.42	0.015	0.37	7.0	2.7	0.27	193	0.43	0.01	1.2	5.8
K308925		0.46	0.27	0.10	<0.1	0.02	0.009	0.02	0.5	1.4	12.30	201	0.07	<0.01	0.2	1.6
K308926		0.42	1.88	0.05	0.3	1.67	0.013	0.28	5.1	2.5	0.41	76	0.39	0.01	0.9	3.9
K308927		0.24	0.92	0.06	0.2	1.31	0.005	0.13	2.8	1.3	0.31	81	0.16	0.01	0.4	1.7
K308928		0.45	1.78	<0.05	0.3	1.35	0.007	0.29	4.6	2.9	0.48	124	0.19	0.01	0.9	4.0
K308929		0.39	1.65	0.05	0.3	1.22	0.007	0.26	4.7	2.5	0.39	113	0.32	0.01	0.8	3.6
K308930		0.39	1.63	<0.05	0.3	1.20	0.007	0.25	4.6	2.7	0.39	115	0.30	0.01	0.9	3.5

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145828

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K308895		620	11.4	50.0	0.004	1.62	3.45	5.7	2	0.8	1640	0.26	0.05	4.0	0.144	16.45
K308896		520	3.0	9.2	<0.002	0.58	0.86	2.5	1	0.2	1505	0.05	<0.05	0.8	0.027	11.90
K308897		1180	8.1	40.4	<0.002	2.34	3.00	5.6	2	0.7	1215	0.21	<0.05	3.2	0.123	48.5
K308898		180	4.5	26.0	0.002	0.97	0.73	5.7	1	0.4	2040	0.13	<0.05	1.9	0.076	15.30
K308899		170	7.0	44.2	0.002	1.39	0.97	7.8	1	0.7	1715	0.22	0.05	3.2	0.133	28.7
K308900		180	7.2	44.8	0.002	1.45	0.95	8.5	1	0.7	1690	0.22	0.06	3.5	0.134	28.6
K308901		590	12.3	72.9	0.007	2.72	4.54	11.7	2	1.1	1015	0.35	0.11	5.5	0.202	70.5
K308902		1190	2.5	11.5	<0.002	0.47	1.22	3.6	1	0.2	1670	0.06	<0.05	0.8	0.030	15.30
K308903		310	2.9	13.1	<0.002	0.43	0.81	2.2	1	0.2	1920	0.06	<0.05	1.0	0.036	7.01
K308904		230	3.9	19.1	<0.002	0.57	0.65	3.1	1	0.3	1900	0.09	<0.05	1.4	0.059	7.60
K308905		670	3.4	17.3	<0.002	0.68	1.76	2.5	1	0.3	1760	0.08	<0.05	1.3	0.059	6.67
K308906		260	3.3	14.5	<0.002	0.60	0.74	2.4	<1	0.2	1685	0.07	<0.05	1.2	0.040	12.55
K308907		570	18.2	87.0	0.003	3.71	118.5	9.9	2	2.1	471	0.43	0.11	6.7	0.225	71.6
K308908		290	9.1	36.7	0.003	5.24	11.65	6.0	1	0.7	793	0.18	0.06	2.7	0.108	57.6
K308909		440	7.6	33.1	0.002	3.45	13.60	3.9	1	0.7	194.0	0.16	<0.05	2.5	0.101	54.9
K308910		280	13.1	47.6	0.003	2.53	8.29	8.9	1	0.9	534	0.25	<0.05	3.8	0.158	85.6
K308911		210	1.5	1.4	<0.002	<0.01	0.05	0.2	<1	<0.2	53.2	<0.05	<0.05	<0.2	<0.005	0.13
K308912		310	2.8	7.8	<0.002	0.35	0.85	7.5	1	0.2	1285	<0.05	<0.05	0.6	0.022	12.70
K308913		150	3.6	9.9	0.002	0.46	0.81	4.7	1	0.2	1590	0.05	<0.05	0.9	0.029	13.55
K308914		450	2.5	6.9	<0.002	0.25	0.26	0.9	1	<0.2	1880	<0.05	<0.05	0.6	0.021	2.49
K308915		500	2.1	5.2	<0.002	0.18	0.31	0.9	1	<0.2	1840	<0.05	<0.05	0.5	0.015	1.21
K308916		280	4.3	12.5	<0.002	0.40	0.36	1.6	2	0.2	2200	0.07	<0.05	1.1	0.034	1.78
K308917		390	1.8	4.0	<0.002	0.14	0.45	1.7	1	<0.2	1475	<0.05	<0.05	0.4	0.012	2.93
K308918		700	3.0	7.4	<0.002	0.78	2.03	5.4	<1	0.2	1320	<0.05	<0.05	0.7	0.021	20.4
K308919		730	4.2	15.8	<0.002	0.95	2.95	7.2	1	0.3	1065	0.07	<0.05	1.3	0.043	22.7
K308920		140	1.8	7.4	<0.002	0.26	0.23	1.6	1	0.2	2100	<0.05	<0.05	0.6	0.021	4.35
K308921		460	11.7	84.8	0.003	2.66	25.9	11.5	2	1.8	332	0.45	0.05	5.9	0.273	48.1
K308922		280	5.4	31.9	0.002	1.08	4.86	4.7	1	0.5	1225	0.15	0.05	2.4	0.085	19.85
K308923		470	3.8	8.0	<0.002	0.35	2.74	2.2	<1	0.2	1540	<0.05	<0.05	0.7	0.023	11.35
K308924		380	5.3	16.5	<0.002	0.65	2.03	2.4	1	0.3	1630	0.09	<0.05	1.5	0.049	13.45
K308925		200	1.3	1.0	<0.002	<0.01	<0.05	0.1	<1	<0.2	51.5	<0.05	<0.05	<0.2	<0.005	0.05
K308926		170	3.1	12.0	0.003	0.43	0.91	1.8	1	0.2	1985	0.06	<0.05	1.1	0.036	3.94
K308927		780	1.8	5.5	<0.002	0.23	0.71	1.0	1	<0.2	1920	<0.05	<0.05	0.5	0.016	2.88
K308928		340	2.6	12.5	<0.002	0.47	3.03	2.0	1	0.2	2040	0.06	<0.05	1.0	0.039	3.05
K308929		390	2.5	11.3	<0.002	0.39	0.43	1.5	1	0.2	2350	0.05	<0.05	1.0	0.033	2.26
K308930		410	2.5	11.0	<0.002	0.39	0.59	1.5	<1	0.2	2360	0.05	<0.05	1.0	0.033	2.30

***** See Appendix Page for comments regarding this certificate *****

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145828

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
K308895		3.2	41	3.4	18.7	35	44.2	
K308896		1.6	10	0.7	11.3	8	10.4	
K308897		3.1	36	3.2	17.1	26	39.1	2.15
K308898		3.1	22	2.1	19.1	17	22.7	
K308899		3.0	37	3.5	18.3	34	36.3	
K308900		3.4	38	3.7	21.2	32	38.3	
K308901		5.2	61	5.2	28.6	56	60.8	
K308902		1.9	10	0.9	11.2	8	12.2	
K308903		1.9	12	0.9	10.2	7	11.7	
K308904		2.0	17	1.3	11.0	10	16.7	
K308905		2.0	17	1.4	11.1	12	17.0	
K308906		2.2	13	1.0	10.8	9	13.6	
K308907		4.4	65	8.9	21.4	133	71.6	3.39
K308908		3.3	33	3.1	13.4	40	29.8	7.42
K308909		2.9	32	2.7	10.0	40	28.9	4.51
K308910		4.7	47	3.5	15.9	46	42.7	
K308911		1.1	2	0.1	0.7	17	<0.5	
K308912		1.6	8	0.6	12.1	2	8.0	
K308913		2.3	10	0.9	11.0	7	9.2	
K308914		1.5	7	0.9	6.2	3	6.9	
K308915		1.4	6	0.3	6.1	2	5.7	
K308916		2.3	10	0.3	9.4	5	11.3	
K308917		1.2	5	0.2	7.7	<2	5.2	
K308918		2.1	8	0.5	12.8	4	8.9	
K308919		2.8	15	1.0	17.2	11	14.4	
K308920		1.8	7	0.6	8.6	6	7.5	
K308921		7.0	87	8.5	17.8	46	74.7	
K308922		3.5	25	2.2	15.0	24	25.9	
K308923		1.8	8	0.8	7.5	3	8.3	
K308924		2.7	14	1.5	10.6	9	15.4	
K308925		0.8	2	0.1	0.7	15	<0.5	
K308926		1.9	12	1.0	8.8	7	11.3	
K308927		1.7	6	0.5	6.9	2	6.7	
K308928		1.8	13	0.9	8.4	7	12.4	
K308929		2.0	10	0.8	8.0	7	10.7	
K308930		2.1	10	0.9	8.0	7	10.8	

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VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145828

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

CERTIFICATE WH13145850

Project: NADALEEN
P.O. No.: 13-046
This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145850

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 5	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
K308931		11.42	<0.01	0.03	0.46	71	150	0.17	0.09	36.0	0.13	9.18	1.7	5	1.41	6.3
K308932		12.75	<0.01	0.01	0.56	90	120	0.19	0.04	32.5	0.12	10.05	2.2	7	1.35	7.2
K308933		12.22	<0.01	0.02	0.34	36	130	0.13	0.03	35.6	0.11	6.75	1.4	4	0.92	4.5
K308934		13.35	<0.01	0.03	0.68	47	140	0.17	0.04	33.9	0.07	9.39	2.3	7	1.94	7.1
K308935		<0.02	<0.01	0.02	0.63	50	140	0.21	0.03	33.9	0.07	9.79	2.3	8	2.01	7.1
K308936		11.16	<0.01	0.01	0.67	60	140	0.19	0.03	33.7	0.08	9.36	2.1	7	1.78	6.7
K308937		12.63	0.10	0.02	0.40	33	140	0.15	0.03	35.9	0.07	7.07	1.7	4	0.97	5.1
K308938		13.29	<0.01	0.01	0.40	100	1060	0.12	0.03	35.7	0.07	7.87	1.6	5	0.89	5.5
K308939		13.15	<0.01	0.02	0.70	64	160	0.27	0.04	32.0	0.08	10.20	2.7	7	2.05	8.6
K308940		5.31	<0.01	0.01	0.45	60	150	0.20	0.03	34.3	0.05	7.59	1.9	4	1.27	5.9
K308941		11.81	<0.01	0.01	0.31	60	100	0.14	0.02	34.0	0.04	5.18	1.3	4	0.90	3.9
K308942		11.31	<0.01	0.01	0.25	21	190	0.11	0.02	33.5	0.02	5.52	1.2	3	0.65	4.0
K308943		13.85	0.01	0.02	0.34	54	130	0.12	0.02	33.4	0.03	5.77	1.4	4	0.76	4.7
K308944		0.28	2.61	0.23	3.65	5810	190	0.86	0.14	11.70	0.14	40.6	11.9	43	10.30	35.3
K308945		12.00	<0.01	0.01	0.49	47	150	0.16	0.02	34.6	0.03	6.89	2.4	6	1.27	6.8
K308946		12.22	0.01	0.08	3.15	143	250	0.82	0.15	24.0	0.17	35.3	9.7	30	10.75	37.1
K308947		7.26	<0.01	0.01	0.04	<5	20	0.09	0.03	19.30	0.05	1.22	0.6	1	0.10	2.0
K308948		11.42	<0.01	0.03	0.33	37	110	0.13	0.02	34.7	0.03	5.24	1.3	4	0.71	4.5
K308949		11.88	<0.01	0.01	0.71	74	140	0.23	0.04	33.0	0.05	10.30	2.9	9	1.67	9.5
K308950		11.11	<0.01	0.01	0.46	29	120	0.16	0.03	33.1	0.04	8.16	1.9	5	1.17	6.4
K308951		11.56	<0.01	0.01	0.28	39	110	0.10	0.02	35.5	<0.02	5.16	1.3	3	0.59	4.2
K308952		3.30	<0.01	0.01	0.31	101	100	0.13	0.02	34.4	0.03	5.48	1.3	3	0.78	4.2
K308953		7.88	<0.01	0.01	0.42	39	150	0.20	0.02	32.5	0.02	6.70	1.7	5	1.32	5.6
K308954		7.69	<0.01	0.09	0.19	325	80	0.10	0.01	36.0	0.02	3.49	0.9	2	0.42	2.9
K308955		7.35	0.04	0.91	0.28	>10000	110	0.12	0.02	32.5	0.03	5.34	1.3	4	0.79	4.5
K308956		7.68	0.02	0.03	0.53	186	110	0.18	0.03	34.2	0.04	8.36	2.1	6	1.17	7.4
K308957		5.84	0.08	0.08	0.58	3140	110	0.19	0.04	31.2	0.04	11.80	2.6	6	1.38	8.8
K308958		3.46	0.35	0.01	0.30	55	130	0.16	0.03	32.4	0.02	6.65	1.4	4	0.78	5.2
K308959		6.76	<0.01	0.01	0.32	49	90	0.13	0.02	34.7	0.03	5.68	1.5	4	0.75	4.7
K308961		7.95	<0.01	0.01	0.31	30	110	0.12	0.02	32.2	0.02	5.92	1.4	3	0.69	4.8
K308962		0.28	0.51	0.09	3.33	2230	190	0.70	0.13	16.95	0.11	36.6	10.7	39	9.50	39.4
K308963		8.18	<0.01	0.02	0.36	35	110	0.15	0.03	32.5	0.02	7.01	1.6	4	0.81	5.8
K308964		8.07	0.03	0.04	0.73	324	110	0.21	0.05	31.9	0.05	12.25	2.8	8	1.62	10.3
K308965		8.50	0.02	0.03	0.70	1060	110	0.30	0.04	32.8	0.05	10.45	2.4	8	1.36	10.3
K308966		4.94	<0.01	0.01	0.06	5	110	0.06	0.03	20.2	0.07	1.19	0.6	<1	0.17	2.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145850

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K308931		0.36	1.27	0.09	0.3	1.08	<0.005	0.20	4.3	2.1	0.45	161	0.25	0.01	0.7	2.7
K308932		0.47	1.53	<0.05	0.3	1.47	<0.005	0.27	4.8	2.2	0.66	173	0.22	0.01	0.9	3.5
K308933		0.28	0.96	<0.05	0.2	0.71	<0.005	0.16	3.1	1.7	0.40	65	0.16	0.01	0.5	2.2
K308934		0.45	1.81	<0.05	0.3	1.29	<0.005	0.32	4.4	3.0	0.44	96	0.19	0.01	1.0	4.0
K308935		0.46	1.90	<0.05	0.3	1.33	0.005	0.33	4.6	3.1	0.45	98	0.21	0.01	1.0	3.9
K308936		0.45	1.80	0.05	0.3	1.35	0.006	0.32	4.3	3.3	0.48	83	0.17	0.01	0.9	3.6
K308937		0.30	1.11	<0.05	0.2	0.76	<0.005	0.19	3.3	2.0	0.42	98	0.14	0.01	0.6	2.6
K308938		0.35	1.08	0.05	0.2	0.74	<0.005	0.20	3.5	1.9	0.48	120	0.18	0.01	0.7	3.1
K308939		0.49	1.94	0.06	0.4	1.32	0.005	0.33	4.9	3.4	0.45	117	0.24	0.01	1.1	4.8
K308940		0.36	1.29	<0.05	0.2	0.84	<0.005	0.20	3.5	2.2	0.42	113	0.16	0.01	0.7	3.0
K308941		0.28	0.90	<0.05	0.2	0.47	<0.005	0.15	2.4	1.7	0.53	109	0.15	0.01	0.5	2.3
K308942		0.22	0.78	<0.05	0.2	0.60	<0.005	0.12	2.5	1.5	0.40	60	0.17	0.01	0.4	2.0
K308943		0.32	0.97	<0.05	0.2	0.95	<0.005	0.16	2.7	1.7	0.43	85	0.18	0.01	0.5	2.6
K308944		2.81	10.10	0.09	2.1	16.4	0.032	1.71	20.5	11.9	2.47	1150	1.86	0.02	6.1	26.3
K308945		0.47	1.19	<0.05	0.3	1.30	<0.005	0.22	3.1	2.2	0.63	76	0.23	0.01	0.7	4.2
K308946		1.76	8.55	0.09	1.5	3.37	0.020	1.41	16.4	15.7	0.84	137	1.49	0.02	4.4	20.5
K308947		0.43	0.18	<0.05	<0.1	0.01	<0.005	0.02	0.6	0.9	12.25	186	0.09	0.01	0.1	1.6
K308948		0.27	0.91	<0.05	0.2	0.46	<0.005	0.15	2.4	1.6	0.42	65	0.20	0.01	0.5	2.3
K308949		0.52	2.01	0.05	0.4	1.07	<0.005	0.33	4.7	2.9	0.48	97	0.40	0.01	1.1	5.4
K308950		0.35	1.34	<0.05	0.2	0.45	<0.005	0.21	3.5	2.2	0.47	102	0.33	0.01	0.7	3.4
K308951		0.26	0.79	<0.05	0.2	0.39	<0.005	0.13	2.2	1.4	0.45	104	0.18	0.01	0.4	2.2
K308952		0.28	0.90	<0.05	0.2	0.55	<0.005	0.14	2.4	1.4	0.40	83	0.25	0.01	0.5	2.3
K308953		0.35	1.24	0.05	0.2	0.42	<0.005	0.20	3.0	2.3	0.43	94	0.26	0.01	0.7	3.1
K308954		0.20	0.51	<0.05	0.1	0.47	<0.005	0.08	1.5	0.8	0.39	177	0.14	0.01	0.3	1.4
K308955		0.26	0.87	<0.05	0.2	0.87	<0.005	0.12	2.3	1.3	0.34	282	0.25	0.01	0.5	2.4
K308956		0.42	1.48	0.05	0.3	1.21	<0.005	0.23	3.7	2.4	0.45	149	0.39	0.01	0.8	3.9
K308957		0.43	1.84	0.05	0.3	1.56	0.005	0.27	5.1	2.7	0.47	361	0.57	0.01	0.9	4.9
K308958		0.27	0.93	0.05	0.2	0.57	<0.005	0.15	3.0	1.8	0.35	54	0.28	0.01	0.5	2.4
K308959		0.28	0.95	0.05	0.2	0.45	<0.005	0.16	2.4	1.5	0.39	66	0.27	0.01	0.5	2.7
K308961		0.28	0.97	0.06	0.2	0.43	<0.005	0.15	2.5	1.7	0.41	118	0.26	0.01	0.6	2.5
K308962		2.83	9.34	0.07	1.7	4.00	0.028	1.52	17.5	9.2	1.33	1090	1.49	0.02	6.0	22.8
K308963		0.37	1.07	<0.05	0.2	0.85	<0.005	0.17	3.0	1.8	0.50	227	0.39	0.01	0.5	3.0
K308964		0.56	2.12	0.06	0.4	2.16	0.007	0.36	5.4	2.7	0.53	182	0.66	0.01	1.2	5.4
K308965		0.51	1.94	<0.05	0.4	1.31	<0.005	0.34	4.8	2.5	0.54	194	0.57	0.01	1.1	4.9
K308966		0.46	0.22	<0.05	<0.1	<0.01	<0.005	0.02	0.6	1.1	12.80	198	0.09	<0.01	0.2	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145850

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K308931		1150	2.2	9.3	0.002	0.32	0.40	1.4	1	0.2	1980	0.05	<0.05	0.8	0.027	1.37
K308932		320	2.7	11.5	<0.002	0.44	0.90	1.5	1	0.2	1770	0.06	0.05	1.0	0.034	1.60
K308933		600	2.9	6.9	<0.002	0.26	0.45	1.1	1	<0.2	2070	<0.05	<0.05	0.6	0.021	0.49
K308934		250	3.3	13.9	<0.002	0.45	0.58	1.7	1	0.2	1990	0.07	<0.05	1.0	0.041	0.68
K308935		250	2.9	14.4	<0.002	0.47	0.59	1.8	<1	0.2	2000	0.08	<0.05	1.1	0.042	0.73
K308936		540	2.4	13.7	<0.002	0.44	0.77	1.8	1	0.2	2150	0.07	<0.05	1.0	0.041	0.73
K308937		290	1.9	8.2	<0.002	0.28	0.38	1.1	1	<0.2	2220	<0.05	<0.05	0.7	0.024	0.58
K308938		620	2.6	8.0	<0.002	0.34	0.77	1.3	1	0.2	2370	<0.05	<0.05	0.7	0.026	0.57
K308939		540	4.3	14.7	<0.002	0.48	0.78	1.8	1	0.2	1960	0.08	<0.05	1.1	0.045	1.24
K308940		390	2.2	9.2	<0.002	0.34	0.47	1.4	1	0.2	2110	0.05	<0.05	0.8	0.027	0.77
K308941		390	1.8	6.1	<0.002	0.23	0.34	1.0	1	<0.2	1850	<0.05	<0.05	0.5	0.021	0.62
K308942		320	1.5	5.3	<0.002	0.20	0.51	0.9	<1	<0.2	1890	<0.05	<0.05	0.5	0.015	0.68
K308943		570	2.5	6.8	<0.002	0.30	1.22	1.2	1	<0.2	2060	<0.05	<0.05	0.6	0.021	1.24
K308944		430	11.3	82.3	0.002	2.58	22.9	9.8	2	1.6	305	0.44	0.05	6.0	0.266	44.4
K308945		570	2.2	8.9	<0.002	0.48	1.31	1.5	1	0.2	2270	0.05	<0.05	0.7	0.039	1.67
K308946		260	10.8	67.7	0.005	1.98	3.60	5.3	2	1.0	1560	0.32	0.07	4.4	0.173	4.91
K308947		170	1.3	0.9	<0.002	0.01	0.05	0.1	1	<0.2	55.4	<0.05	<0.05	<0.2	<0.005	0.02
K308948		360	1.5	6.9	<0.002	0.25	0.58	0.9	1	<0.2	1920	<0.05	<0.05	0.5	0.019	0.58
K308949		880	3.2	14.7	0.002	0.55	1.38	1.8	1	0.3	1980	0.08	<0.05	1.2	0.047	1.28
K308950		750	2.3	9.5	0.003	0.34	0.32	1.3	<1	0.2	1920	0.05	<0.05	0.8	0.026	0.83
K308951		520	1.6	5.5	<0.002	0.23	0.36	0.9	<1	<0.2	1900	<0.05	<0.05	0.5	0.018	0.47
K308952		430	1.7	6.5	<0.002	0.26	0.65	1.1	1	<0.2	2070	<0.05	<0.05	0.5	0.019	0.49
K308953		840	1.9	8.9	<0.002	0.33	0.32	1.4	<1	<0.2	1880	0.05	<0.05	0.7	0.028	0.47
K308954		350	1.0	3.4	<0.002	0.17	1.14	0.6	1	<0.2	1340	<0.05	<0.05	0.3	0.011	0.54
K308955		770	1.6	5.7	0.002	0.94	27.8	1.0	1	<0.2	1720	<0.05	<0.05	0.5	0.019	1.24
K308956		450	2.3	11.2	<0.002	0.41	2.08	1.6	1	0.2	1740	0.05	<0.05	0.8	0.032	1.77
K308957		830	2.6	13.1	0.002	0.56	10.45	2.1	1	0.2	1530	0.07	<0.05	1.0	0.035	2.46
K308958		850	1.6	6.6	<0.002	0.23	0.98	1.2	1	<0.2	2320	<0.05	<0.05	0.6	0.019	0.80
K308959		770	1.6	6.6	0.002	0.23	0.49	1.0	1	<0.2	2020	<0.05	<0.05	0.5	0.020	0.64
K308961		700	1.8	7.0	0.002	0.23	0.30	1.1	1	<0.2	1840	<0.05	<0.05	0.6	0.021	0.64
K308962		350	8.7	73.6	<0.002	2.47	8.89	8.3	2	1.3	674	0.40	0.10	5.2	0.245	10.05
K308963		700	2.1	7.7	<0.002	0.29	0.51	1.0	1	<0.2	1780	<0.05	<0.05	0.7	0.022	0.98
K308964		740	3.3	16.8	0.004	0.53	2.46	2.1	1	0.3	1630	0.08	<0.05	1.3	0.045	2.48
K308965		750	3.0	14.4	0.004	0.47	3.62	1.9	1	0.2	1550	0.08	<0.05	1.1	0.042	2.60
K308966		210	1.3	1.2	<0.002	<0.01	0.13	0.2	<1	<0.2	53.0	<0.05	<0.05	0.2	<0.005	<0.02

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145850

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
K308931		1.9	10	0.7	8.6	8	8.8	
K308932		1.7	11	0.9	8.7	10	10.0	
K308933		1.5	6	0.6	6.6	7	7.3	
K308934		1.5	11	1.0	7.0	9	10.8	
K308935		1.6	11	1.0	7.1	8	11.2	
K308936		1.7	11	0.9	7.4	8	11.6	
K308937		1.5	7	0.5	6.2	6	7.2	
K308938		2.0	8	0.5	7.9	7	8.7	
K308939		1.7	13	1.0	7.1	11	12.7	
K308940		1.5	8	0.6	6.5	8	8.5	
K308941		1.4	6	0.4	5.1	4	6.7	
K308942		1.6	5	0.3	5.6	4	5.5	
K308943		1.6	7	0.6	5.8	5	7.3	
K308944		6.5	80	8.0	17.5	47	73.2	
K308945		2.3	9	1.1	6.9	8	9.7	
K308946		3.4	43	4.2	10.0	34	42.2	
K308947		0.9	2	0.1	0.8	13	<0.5	
K308948		1.5	6	0.4	4.6	4	6.4	
K308949		2.3	12	1.1	8.1	10	13.3	
K308950		2.3	8	0.5	7.0	6	8.3	
K308951		1.7	6	0.3	4.6	4	5.7	
K308952		1.6	6	0.3	4.9	4	6.2	
K308953		1.7	8	0.4	5.6	5	8.7	
K308954		1.4	3	0.2	4.1	3	5.2	
K308955		2.1	6	0.5	6.1	5	6.9	1.490
K308956		2.0	9	0.8	6.5	6	9.2	
K308957		2.8	11	0.9	11.6	9	11.0	
K308958		1.8	7	0.4	6.9	5	6.4	
K308959		1.9	6	0.3	5.5	5	6.1	
K308961		2.0	6	0.4	5.6	4	7.0	
K308962		2.2	67	5.3	15.2	43	64.0	
K308963		2.0	7	0.5	6.2	6	7.8	
K308964		2.4	14	1.2	9.4	12	14.2	
K308965		2.3	14	0.8	8.2	12	12.8	
K308966		0.6	2	0.1	0.8	17	<0.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NADALEEN

Finalized Date: 31- AUG- 2013
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CERTIFICATE OF ANALYSIS WH13145850

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.

Applies to Method: Hg- CV41

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)

Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: CRU- 31, CRU- QC, LOG- 22, LOG- 22d, LOG- 23, PUL- 31, PUL- 31d, PUL- QC, SPL- 21, SPL- 21d, WEI- 21, WSH- 21, WSH- 22

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: As- OG62, Au- AA26, Hg- CV41, ME- MS61, ME- OG62

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2013
Account: RCM

CERTIFICATE WH13145852

Project: NADALEEN

P.O. No.: 13-047

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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1016-510 W HASTINGS ST
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Finalized Date: 31-AUG-2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145852

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
K308967		7.49	0.04	0.02	0.32	105	80	0.19	0.03	33.8	0.03	5.17	1.5	4	0.69	5.4
K308968		4.80	0.11	0.07	0.50	815	100	0.27	0.04	31.8	0.02	10.15	2.3	9	1.14	7.4
K308969		6.91	0.59	0.49	0.86	>10000	140	0.21	0.05	32.6	0.06	11.20	3.7	9	1.82	12.8
K308970		0.26	12.25	0.71	4.36	7520	280	0.65	0.23	3.56	0.58	47.0	14.4	56	11.80	61.2
K308971		4.06	23.7	6.71	3.20	>10000	210	0.50	0.17	3.90	1.50	41.5	12.5	40	6.12	43.2
K308972		6.58	9.02	2.52	2.03	1140	150	0.29	0.11	22.1	0.71	20.3	7.6	21	4.06	24.4
K308973		4.82	<0.01	0.01	0.07	18	20	0.07	0.48	20.9	0.06	1.10	1.4	<1	0.81	2.4
K308974		7.24	0.12	0.14	0.96	445	480	0.20	0.06	31.7	0.09	13.20	4.2	9	2.24	12.9
K308975		5.23	0.97	0.51	0.44	253	100	0.14	0.03	34.9	0.07	7.51	2.2	2	0.85	6.0
K308976		6.11	1.27	0.88	1.26	253	100	0.22	0.07	30.5	0.13	18.00	5.0	10	2.71	14.6
K308977		8.72	0.32	0.18	1.06	102	120	0.27	0.07	30.3	0.15	18.60	4.4	8	2.88	12.5
K308978		8.69	1.37	0.78	0.94	1140	130	0.24	0.05	31.6	0.12	16.05	3.9	7	2.24	10.7
K308979		8.93	2.74	1.55	1.25	>10000	120	0.25	0.07	27.7	0.22	20.9	4.8	11	3.26	14.3
K308980		<0.02	2.65	1.59	1.27	>10000	120	0.26	0.07	28.1	0.20	21.7	4.9	12	3.37	14.9
K308981		8.66	1.83	1.16	1.26	518	150	0.26	0.07	30.1	0.24	17.65	4.7	10	3.67	13.5
K308982		6.94	4.93	0.22	2.53	>10000	170	0.50	0.12	21.0	0.31	29.6	10.5	30	9.89	29.0
K308983		4.90	1.55	0.06	0.59	923	100	0.17	0.04	35.3	0.12	8.39	2.6	4	1.35	7.2
K308984		0.27	7.55	0.30	3.66	>10000	180	0.55	0.19	10.15	0.62	40.3	12.5	41	8.44	55.3
K308985		6.24	19.40	11.70	1.84	>10000	130	0.25	0.15	6.04	1.91	49.3	7.1	26	3.92	23.8
K308986		6.34	19.65	24.2	1.77	>10000	120	0.21	0.17	3.38	2.18	61.6	7.0	31	3.57	23.2
K308987		5.04	0.01	0.03	0.05	70	40	0.07	0.02	20.9	0.07	1.15	1.2	<1	0.26	2.0
K308988		8.11	0.06	0.04	0.74	119	120	0.24	0.05	33.6	0.12	12.65	3.4	5	2.06	9.7
K308989		8.81	0.01	0.04	0.88	98	110	0.27	0.05	33.2	0.12	13.40	3.7	7	2.08	10.4
K308990		4.60	<0.01	0.01	0.59	70	120	0.20	0.04	34.7	0.09	9.53	2.7	3	1.40	7.5
K308991		7.30	7.31	4.35	2.55	>10000	130	0.48	0.15	10.95	0.51	32.2	9.7	25	5.60	28.5
K308992		9.09	0.12	0.09	3.26	534	180	0.70	0.15	21.9	0.22	36.7	13.2	35	9.50	37.5
K308993		8.59	0.03	0.03	1.21	140	140	0.41	0.06	31.5	0.10	17.10	4.9	11	3.52	13.9
K308994		8.74	0.01	0.04	1.68	78	170	0.47	0.09	29.7	0.14	23.7	6.6	15	5.68	18.0
K308995		8.78	<0.01	0.04	1.15	48	130	0.37	0.06	31.5	0.06	16.80	4.8	9	3.56	12.8
K308996		8.97	<0.01	0.06	2.47	48	170	0.61	0.12	26.3	0.14	28.0	8.9	21	9.89	25.3
K308997		8.19	0.01	0.05	1.94	52	150	0.52	0.09	28.1	0.13	23.9	7.9	19	8.02	22.0
K308998		8.19	<0.01	0.09	3.52	62	220	0.82	0.16	18.75	0.24	40.8	14.7	36	16.50	39.2
K308999		8.36	<0.01	0.04	1.66	35	150	0.52	0.09	27.2	0.10	22.0	7.1	16	7.72	19.3
K309000		3.62	<0.01	0.04	1.67	25	150	0.54	0.08	27.5	0.10	21.6	7.2	16	8.00	19.6
K310192		12.94	0.03	0.08	2.26	808	170	0.99	0.13	8.00	0.02	34.0	10.7	18	8.12	42.7
K310194		3.96	0.02	0.02	0.94	111	160	0.27	0.06	32.8	0.15	16.25	3.9	7	2.83	10.7

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Finalized Date: 31-AUG-2013
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145852

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K308967		0.40	0.95	<0.05	0.2	1.20	<0.005	0.15	2.4	1.3	0.43	458	0.39	0.01	0.5	2.8
K308968		0.57	1.41	0.05	0.3	1.27	<0.005	0.22	4.5	2.3	0.37	292	0.26	0.01	0.8	4.2
K308969		0.70	2.52	0.05	0.4	2.43	0.021	0.40	5.3	2.3	0.41	750	0.38	0.01	1.6	6.3
K308970		4.18	12.55	0.17	2.1	22.0	0.033	2.04	25.6	14.9	0.31	575	5.56	0.02	7.1	34.8
K308971		2.58	9.23	0.15	1.5	13.7	0.060	1.39	19.0	23.0	0.37	744	2.10	0.01	4.5	24.5
K308972		1.46	5.87	0.07	1.0	8.00	0.018	0.92	9.6	9.9	0.40	4910	1.01	0.01	2.8	14.4
K308973		0.46	0.27	0.06	<0.1	0.02	0.005	0.03	0.6	1.0	12.90	211	0.07	<0.01	0.5	3.4
K308974		0.80	2.79	0.07	0.5	2.88	0.012	0.43	6.2	2.6	0.60	1280	0.57	0.01	1.7	8.4
K308975		0.44	1.42	0.05	0.2	2.22	0.008	0.19	3.8	1.2	0.27	1990	0.20	0.01	1.1	4.7
K308976		1.00	3.88	0.08	0.6	3.07	0.016	0.58	9.3	3.0	0.54	2890	0.36	0.01	2.3	8.7
K308977		0.88	3.06	0.08	0.5	1.84	0.012	0.49	9.9	3.1	0.96	711	0.44	0.01	1.9	7.9
K308978		0.74	2.85	0.08	0.5	1.66	0.010	0.44	8.5	2.9	0.42	840	0.33	0.01	1.8	8.0
K308979		0.96	3.81	0.07	0.6	2.74	0.045	0.56	10.3	5.2	0.34	1980	0.38	0.01	2.2	9.3
K308980		0.99	3.82	0.07	0.6	2.70	0.044	0.57	10.7	5.2	0.34	2070	0.42	0.01	2.3	9.2
K308981		0.93	3.57	0.06	0.6	2.43	0.011	0.54	9.8	5.6	0.40	1210	0.39	0.01	2.1	8.9
K308982		1.86	7.10	0.12	1.2	8.11	0.079	1.12	15.1	7.3	0.31	735	0.69	0.01	4.0	18.5
K308983		0.58	1.69	<0.05	0.3	2.99	0.009	0.28	4.3	1.5	0.40	707	0.21	0.01	1.1	5.4
K308984		2.87	10.70	0.11	1.7	25.5	0.063	1.72	22.5	12.6	0.35	747	3.44	0.02	5.7	26.9
K308985		2.56	5.42	0.17	0.9	38.4	0.105	0.76	22.5	23.3	0.12	566	0.70	0.01	2.8	12.8
K308986		2.70	5.10	0.15	1.0	33.1	0.044	0.73	26.4	33.8	0.12	434	0.80	0.01	2.6	13.0
K308987		0.46	0.18	<0.05	<0.1	0.09	<0.005	0.02	0.6	0.9	12.85	201	0.07	<0.01	0.3	3.4
K308988		0.57	2.12	0.06	0.4	1.40	0.010	0.35	6.3	2.6	0.65	247	0.34	0.01	1.5	7.2
K308989		0.67	2.51	0.05	0.4	1.14	0.012	0.41	7.0	2.3	0.81	442	0.42	0.01	1.6	7.4
K308990		0.50	1.72	<0.05	0.3	0.52	0.008	0.28	5.1	1.8	0.67	279	0.22	0.01	1.3	5.9
K308991		1.83	7.28	0.14	1.2	6.46	0.166	1.13	15.8	10.9	0.29	1280	0.91	0.01	4.0	17.2
K308992		2.36	8.81	0.09	1.5	2.91	0.034	1.45	18.4	9.4	0.74	694	0.66	0.02	5.0	23.4
K308993		1.22	3.45	0.06	0.7	0.80	0.015	0.56	9.0	3.9	0.50	540	0.37	0.01	2.3	9.1
K308994		1.22	4.59	0.08	0.8	0.36	0.020	0.77	12.0	6.1	0.66	330	0.54	0.01	2.9	11.8
K308995		0.91	3.20	0.06	0.6	0.31	0.013	0.53	8.7	4.5	0.76	396	0.46	0.01	2.0	9.4
K308996		1.78	6.73	0.09	1.2	0.58	0.026	1.13	14.0	9.7	0.87	346	0.66	0.02	4.1	15.9
K308997		1.54	5.31	0.08	0.9	0.46	0.021	0.91	11.9	6.6	0.78	363	0.54	0.02	3.3	14.1
K308998		2.42	9.32	0.11	1.7	1.05	0.037	1.60	19.5	12.0	1.43	392	1.18	0.03	5.4	26.3
K308999		1.41	4.44	0.07	0.8	0.65	0.017	0.77	10.7	6.8	1.06	467	0.62	0.02	2.8	13.5
K309000		1.40	4.50	0.07	0.8	0.63	0.018	0.78	10.6	6.9	1.05	450	0.58	0.02	2.8	13.8
K310192		2.36	5.98	0.06	1.2	3.07	0.023	1.09	16.5	13.8	4.56	964	0.25	0.01	4.1	12.9
K310194		0.69	2.58	<0.05	0.5	2.65	0.012	0.41	7.9	3.1	0.46	265	0.41	0.01	1.8	8.5

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Finalized Date: 31- AUG- 2013
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145852

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
K308967		500	2.9	6.9	<0.002	0.26	2.36	1.1	1	<0.2	1540	<0.05	<0.05	0.6	0.021	3.01
K308968		1170	3.2	10.7	<0.002	0.42	5.20	2.7	1	0.2	1890	0.06	<0.05	0.8	0.033	4.05
K308969		1000	4.8	20.5	0.004	1.09	41.5	3.1	3	0.3	1920	0.09	0.08	1.7	0.060	7.36
K308970		440	16.2	100.5	0.003	4.04	102.5	7.4	3	2.3	241	0.50	0.13	7.7	0.290	99.1
K308971		2980	14.9	68.0	0.010	4.78	173.0	3.5	7	1.2	879	0.35	0.27	5.4	0.200	42.6
K308972		850	10.7	41.1	0.006	1.49	25.8	6.2	3	0.7	813	0.22	0.08	3.5	0.129	23.6
K308973		200	1.6	2.8	<0.002	<0.01	0.14	0.3	1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.05
K308974		860	5.2	20.4	0.004	0.63	4.77	3.2	2	0.3	1570	0.10	<0.05	1.8	0.064	7.84
K308975		680	2.6	9.5	<0.002	0.41	6.82	2.0	2	0.2	1310	0.05	<0.05	1.0	0.028	8.14
K308976		330	6.0	29.6	0.003	0.94	8.02	4.0	3	0.4	1110	0.14	<0.05	2.7	0.079	11.55
K308977		370	4.9	23.7	0.002	0.71	3.34	3.6	2	0.3	1660	0.11	<0.05	2.4	0.062	7.26
K308978		500	4.3	22.0	0.003	0.74	8.97	3.7	3	0.3	1780	0.10	<0.05	2.1	0.059	6.94
K308979		320	6.1	29.1	0.002	2.66	98.2	5.0	4	0.4	1310	0.14	0.08	2.7	0.074	11.25
K308980		330	6.2	29.7	0.003	2.69	99.0	5.1	4	0.4	1310	0.14	0.08	2.8	0.076	11.40
K308981		310	5.0	26.8	0.002	0.85	8.47	6.3	2	0.4	1720	0.13	<0.05	2.6	0.077	9.76
K308982		300	10.0	58.6	0.004	5.16	185.0	7.6	5	0.7	1170	0.26	0.15	4.6	0.184	27.7
K308983		590	3.4	12.8	0.002	0.50	12.80	2.0	2	0.2	1570	0.06	<0.05	1.3	0.035	10.65
K308984		530	17.2	84.4	0.003	3.34	103.5	8.5	3	1.9	436	0.40	0.12	7.5	0.220	65.9
K308985		650	16.9	40.0	0.002	7.44	427	3.5	8	0.7	213	0.19	0.27	3.9	0.114	127.0
K308986		800	15.9	38.9	0.004	4.39	232	2.5	5	0.7	344	0.20	0.21	3.9	0.116	123.0
K308987		170	1.4	1.3	<0.002	0.02	0.46	0.2	1	<0.2	51.9	<0.05	<0.05	<0.2	<0.005	0.17
K308988		290	2.9	17.6	0.003	0.51	1.81	2.5	2	0.3	1950	0.08	<0.05	1.6	0.045	4.58
K308989		260	3.6	20.2	0.002	0.56	0.91	2.4	2	0.3	1640	0.09	<0.05	1.9	0.050	4.40
K308990		520	2.3	13.8	0.002	0.39	0.30	1.9	2	0.2	2010	0.07	<0.05	1.3	0.036	2.57
K308991		630	9.9	59.3	0.003	9.88	586	5.2	13	0.9	464	0.28	0.28	4.8	0.164	28.9
K308992		240	10.1	76.4	0.004	2.26	3.87	9.2	3	1.0	1170	0.34	0.05	5.7	0.238	9.33
K308993		930	4.3	28.1	0.002	0.92	0.53	4.4	2	0.4	1580	0.14	<0.05	2.5	0.085	3.16
K308994		170	5.6	37.9	0.003	0.88	0.36	4.9	2	0.5	1770	0.18	<0.05	3.4	0.106	2.77
K308995		190	4.7	25.9	0.002	0.63	0.28	3.9	3	0.4	1870	0.12	<0.05	2.4	0.069	1.05
K308996		260	8.0	60.4	0.003	1.47	0.34	5.9	2	0.8	1620	0.26	<0.05	4.7	0.162	1.70
K308997		310	6.1	44.3	0.003	1.19	0.32	6.1	3	0.6	1750	0.21	<0.05	3.5	0.136	1.81
K308998		240	11.0	80.0	0.005	2.02	0.45	9.6	3	1.1	1190	0.38	0.06	6.0	0.259	3.80
K308999		210	6.0	36.2	0.004	1.00	0.25	5.4	3	0.5	1720	0.18	<0.05	3.3	0.117	2.01
K309000		220	6.6	36.3	0.003	0.99	0.25	5.4	3	0.5	1750	0.17	<0.05	3.1	0.121	1.86
K310192		410	24.8	41.8	<0.002	2.04	0.34	4.6	1	1.0	77.0	0.31	<0.05	5.3	0.125	4.96
K310194		750	3.8	20.8	0.003	0.59	0.70	2.9	3	0.3	2010	0.10	<0.05	2.2	0.055	4.58

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145852

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
K308967		1.5	7	0.3	4.4	6	7.8	
K308968		2.1	10	0.5	10.5	6	12.2	
K308969		2.7	17	1.0	10.4	13	19.2	1.240
K308970		4.5	82	6.0	20.8	73	78.5	
K308971		9.3	61	3.8	30.1	140	54.1	5.51
K308972		3.7	47	2.2	18.2	77	31.7	
K308973		0.7	2	0.1	0.8	16	<0.5	
K308974		2.9	19	1.0	13.1	14	18.8	
K308975		1.8	8	0.6	9.0	5	10.3	
K308976		2.4	22	1.4	16.7	16	23.8	
K308977		2.9	19	0.9	18.6	18	19.6	
K308978		2.9	17	1.0	18.7	15	19.9	
K308979		3.3	21	1.4	21.5	20	23.6	3.62
K308980		3.4	22	1.4	22.1	19	24.5	3.62
K308981		2.7	22	1.5	16.8	27	23.6	
K308982		3.0	51	5.1	20.7	40	43.6	6.93
K308983		1.9	11	1.0	9.3	9	12.8	
K308984		4.7	63	8.5	22.1	133	65.8	3.27
K308985		5.3	36	3.5	19.1	124	33.4	12.15
K308986		6.5	36	4.0	19.7	133	33.3	3.58
K308987		0.5	2	0.1	0.8	18	<0.5	
K308988		2.7	13	1.0	13.4	12	14.6	
K308989		2.1	16	0.9	11.7	12	16.7	
K308990		2.2	11	0.4	10.5	10	12.8	
K308991		3.3	49	3.2	15.2	60	47.4	18.85
K308992		3.2	66	4.1	22.0	50	53.9	
K308993		2.0	23	0.7	18.1	19	28.9	
K308994		2.8	30	0.5	18.9	26	31.0	
K308995		2.6	20	0.4	15.9	9	20.9	
K308996		3.1	45	0.8	19.4	29	43.7	
K308997		2.5	39	0.6	19.8	28	36.8	
K308998		3.4	75	0.7	19.8	51	60.5	
K308999		2.6	35	0.5	19.3	19	30.8	
K309000		2.5	36	0.5	19.5	20	30.7	
K310192		1.0	23	1.5	9.8	12	43.1	
K310194		3.7	17	1.3	20.2	15	19.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2013
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH13145852

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca> 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	LOG- 22d
	LOG- 23	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	WSH- 21
	WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	As- OG62	Au- AA26	Hg- CV41	ME- MS61
	ME- OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

CERTIFICATE WH13146955

Project: Nadaleen
P.O. No.: 13-048
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146955

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
K309651		8.65	0.01	0.05	2.83	106	170	0.89	0.13	21.1	0.17	31.9	12.9	37	13.90	36.2
K309652		8.21	0.06	0.04	2.30	113	180	0.72	0.12	23.8	0.12	30.3	8.3	23	7.66	24.8
K309653		8.42	0.02	0.02	1.42	53	160	0.54	0.08	28.2	0.12	23.0	5.3	16	4.34	15.7
K309654		8.91	<0.01	0.02	1.47	30	180	0.51	0.07	27.1	0.16	20.9	5.5	15	4.80	17.3
K309655		9.04	<0.01	0.02	1.33	30	150	0.52	0.07	29.1	0.10	20.8	4.9	13	4.49	14.7
K309656		9.11	<0.01	0.03	1.76	28	160	0.56	0.09	26.9	0.17	27.4	6.2	17	6.74	19.2
K309657		<0.02	<0.01	0.03	1.82	28	160	0.64	0.10	27.1	0.16	29.4	6.6	19	7.31	20.0
K309658		9.23	<0.01	0.02	0.95	16	150	0.39	0.06	31.3	0.07	17.70	3.6	9	3.02	11.2
K309659		8.74	0.01	0.08	2.50	57	980	0.86	0.14	23.7	0.19	37.7	8.9	25	8.95	26.7
K309660		8.68	<0.01	0.03	0.88	29	140	0.43	0.06	31.6	0.10	14.85	3.4	9	3.17	10.1
K309661		8.78	<0.01	0.03	1.92	48	180	0.73	0.11	26.6	0.15	27.1	6.9	19	7.68	21.0
K309662		8.30	0.01	0.03	2.01	79	160	0.65	0.10	26.5	0.19	26.8	7.3	22	7.00	21.1
K309663		8.01	<0.01	0.02	0.99	44	110	0.41	0.06	30.5	0.07	17.40	3.7	12	3.09	11.6
K309664		7.99	<0.01	0.01	0.53	27	100	0.25	0.03	31.0	0.04	10.20	2.0	6	1.55	6.2
K309665		0.29	0.51	0.10	3.35	2380	190	0.91	0.13	17.45	0.12	36.7	10.8	38	9.79	42.0
K309666		8.59	0.01	0.02	0.68	80	100	0.37	0.05	30.7	0.04	12.65	2.5	7	1.58	8.0
K309667		8.59	0.02	0.02	1.12	134	120	0.38	0.06	30.3	0.11	18.10	3.8	11	3.04	11.4
K309668		9.05	0.10	0.07	0.38	922	110	0.25	0.03	33.1	0.05	6.78	1.6	6	0.76	4.6
K309669		8.77	0.07	0.04	0.98	703	120	0.36	0.06	30.7	0.09	16.10	3.6	10	3.63	10.5
K309670		4.91	<0.01	<0.01	0.03	<5	10	<0.05	0.02	20.1	0.04	1.01	0.7	<1	0.09	2.0
K309671		8.75	0.02	0.03	0.58	44	110	0.24	0.04	32.7	0.07	12.15	2.4	7	1.28	6.9
K309672		7.52	0.04	0.02	0.66	60	110	0.27	0.04	34.1	0.05	13.45	2.6	7	1.47	7.5
K309673		7.61	0.64	0.11	0.35	583	90	0.21	0.02	32.3	0.04	7.05	1.4	6	0.63	4.2
K309674		8.39	0.19	0.08	1.92	175	140	0.50	0.10	27.0	0.16	26.5	6.7	22	5.93	19.7
K309675		8.46	0.04	0.03	1.00	65	120	0.39	0.05	30.0	0.11	16.25	3.2	9	4.22	9.4
K309676		3.58	0.02	0.01	0.41	23	70	0.16	0.02	21.7	0.05	7.51	1.5	8	1.55	4.6
K309677		8.06	0.01	0.02	1.30	59	140	0.45	0.06	29.5	0.07	19.65	4.1	12	3.01	12.3
K309678		8.56	0.02	0.03	1.67	130	150	0.53	0.08	28.6	0.10	24.6	6.1	17	4.47	18.5
K309679		3.70	0.26	0.05	4.52	511	730	0.89	0.16	3.68	0.19	36.6	16.7	57	5.54	94.2
K309680		8.89	1.32	0.05	6.15	2590	290	1.19	0.38	0.56	0.04	59.9	7.6	63	17.15	30.8
K309681		8.00	0.27	0.02	6.75	2350	260	2.05	0.38	0.25	0.20	65.3	27.4	74	22.5	88.9
K309682		0.28	0.52	0.10	3.47	2430	190	0.98	0.14	18.00	0.13	37.6	10.9	40	9.85	42.4
K309683		8.23	0.14	0.04	7.57	1945	310	2.21	0.42	1.10	0.16	70.0	24.1	81	24.7	83.8
K309684		8.91	0.35	0.08	5.48	1750	250	2.25	0.26	3.48	0.32	46.4	19.1	61	15.70	120.0
K309685		7.16	0.01	0.01	0.06	<5	100	0.05	0.02	20.2	0.06	1.13	0.7	1	0.22	5.7
K309686		10.69	0.05	0.03	6.45	188.5	230	1.74	0.34	3.79	0.15	55.4	23.0	68	21.8	88.0

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146955

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K309651		2.14	7.98	0.16	1.6	1.76	0.028	1.25	15.7	14.3	0.98	454	0.88	0.02	4.3	22.0
K309652		1.62	6.25	0.15	1.2	1.87	0.026	1.04	15.2	8.8	0.89	517	0.84	0.02	3.4	14.2
K309653		1.09	3.81	0.14	0.8	0.82	0.013	0.65	11.4	5.4	0.61	337	0.52	0.01	2.1	9.0
K309654		1.10	4.11	0.14	0.8	0.29	0.020	0.68	9.4	6.5	0.57	297	0.56	0.02	2.3	9.4
K309655		1.00	3.68	0.14	0.8	0.22	0.015	0.61	9.9	5.5	0.56	374	0.46	0.01	2.0	8.3
K309656		1.27	4.80	0.16	1.0	0.27	0.017	0.82	13.7	7.3	0.73	244	0.78	0.02	2.7	10.6
K309657		1.31	5.25	0.16	1.0	0.27	0.020	0.85	14.7	7.8	0.77	266	0.86	0.02	2.9	12.4
K309658		0.76	2.67	0.13	0.5	0.12	0.012	0.43	8.2	3.6	0.52	261	0.50	0.01	1.4	5.9
K309659		1.72	6.93	0.18	1.4	1.61	0.029	1.11	18.7	8.4	0.91	415	1.40	0.02	3.7	15.6
K309660		0.79	2.49	0.15	0.5	0.57	0.010	0.40	6.8	3.7	0.61	506	0.66	0.01	1.3	6.2
K309661		1.28	5.43	0.15	1.1	1.42	0.018	0.90	13.3	8.1	0.88	215	1.26	0.02	2.9	11.9
K309662		1.35	5.38	0.14	1.0	2.31	0.023	0.91	13.3	7.6	0.91	442	1.32	0.02	2.9	12.7
K309663		0.79	2.89	0.14	0.6	1.08	0.010	0.45	7.8	4.0	0.87	327	0.68	0.01	1.5	7.0
K309664		0.57	1.45	0.14	0.3	0.36	0.009	0.23	4.3	2.2	1.14	270	0.29	0.01	0.7	3.1
K309665		2.80	9.28	0.17	1.8	3.77	0.034	1.56	17.6	9.2	1.27	1100	1.51	0.02	5.8	23.6
K309666		0.60	1.95	0.11	0.4	0.80	0.008	0.31	5.8	2.8	0.72	335	0.40	0.01	1.0	4.4
K309667		0.81	3.20	0.13	0.6	2.09	0.013	0.52	8.5	4.4	0.45	126	0.51	0.01	1.7	6.9
K309668		0.36	1.16	0.11	0.2	0.86	0.006	0.17	3.2	2.0	0.41	529	0.16	0.01	0.6	2.8
K309669		0.70	2.83	0.14	0.6	2.03	0.009	0.46	7.9	4.2	0.34	126	0.51	0.01	1.5	6.1
K309670		0.42	0.14	0.11	<0.1	<0.01	<0.005	0.01	0.5	0.9	11.90	178	0.13	<0.01	0.1	1.5
K309671		0.47	1.56	0.14	0.3	1.47	0.009	0.26	5.3	2.3	0.31	122	0.34	0.01	0.9	4.0
K309672		0.51	1.76	0.12	0.4	1.47	0.010	0.30	5.9	2.4	0.39	232	0.35	0.01	0.9	4.3
K309673		0.38	1.01	0.11	0.2	1.17	0.008	0.16	3.1	1.3	0.37	1160	0.17	0.01	0.5	2.6
K309674		1.41	5.29	0.14	1.1	3.33	0.020	0.88	12.8	4.8	0.68	561	0.72	0.01	3.0	11.9
K309675		0.76	2.86	0.14	0.6	1.15	0.011	0.46	6.9	3.7	0.53	309	0.33	0.01	1.6	5.6
K309676		0.39	1.20	0.09	0.2	0.74	0.005	0.19	3.3	1.7	0.30	171	0.18	0.01	0.6	4.1
K309677		0.91	3.45	0.13	0.7	1.36	0.012	0.59	8.4	4.5	0.59	325	0.37	0.01	1.9	7.2
K309678		1.17	4.56	0.14	0.9	1.65	0.019	0.77	12.0	5.5	0.67	381	0.61	0.01	2.5	10.9
K309679		4.27	12.25	0.14	1.8	1.78	0.051	1.14	16.3	51.7	1.30	682	0.69	0.57	7.4	35.0
K309680		2.84	16.90	0.16	3.2	9.98	0.047	2.90	28.8	15.5	0.54	228	1.06	0.06	11.2	18.3
K309681		5.34	19.00	0.22	3.1	5.31	0.074	3.24	30.7	11.5	0.54	873	1.56	0.03	11.4	65.1
K309682		2.92	9.40	0.14	1.8	3.86	0.037	1.60	18.1	9.0	1.32	1130	1.60	0.02	6.0	23.6
K309683		6.01	21.3	0.20	3.4	4.66	0.085	3.66	32.6	10.3	1.01	1080	1.58	0.03	12.7	56.7
K309684		5.00	14.00	0.13	2.2	3.89	0.079	2.54	22.1	9.0	1.90	982	1.11	0.05	8.0	65.7
K309685		0.48	0.18	<0.05	<0.1	0.01	<0.005	0.02	0.5	1.0	12.10	200	0.13	0.01	0.2	2.5
K309686		4.98	17.45	0.15	3.0	3.62	0.073	3.21	26.8	11.5	2.16	851	1.47	0.03	10.1	56.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146955

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K309651		210	8.7	62.9	0.004	1.80	0.49	8.4	1	1.0	1275	0.32	<0.05	4.1	0.237	3.26
K309652		210	6.9	51.5	0.002	1.21	1.01	6.8	1	0.8	1675	0.26	<0.05	3.5	0.150	2.50
K309653		1920	4.8	32.0	0.002	0.78	0.34	4.4	1	0.5	1775	0.15	<0.05	2.4	0.088	1.64
K309654		270	4.9	34.4	0.002	0.92	0.21	4.0	1	0.5	1455	0.17	<0.05	2.4	0.100	1.29
K309655		330	4.3	30.4	<0.002	0.73	0.19	4.2	1	0.4	1700	0.15	<0.05	2.2	0.084	1.02
K309656		200	5.9	39.6	0.004	1.00	0.27	4.7	2	0.6	1935	0.19	<0.05	3.0	0.107	1.12
K309657		190	6.3	43.1	0.004	1.02	0.29	5.1	1	0.6	1915	0.21	<0.05	3.2	0.110	1.19
K309658		590	3.5	22.0	0.002	0.54	0.17	2.8	1	0.3	2160	0.11	<0.05	1.7	0.053	0.62
K309659		240	8.6	53.9	0.006	1.39	0.64	7.0	2	0.8	1785	0.28	<0.05	4.2	0.143	2.31
K309660		550	3.5	19.6	0.003	0.51	0.17	2.8	1	0.3	1985	0.09	<0.05	1.6	0.050	0.92
K309661		290	6.6	44.2	0.005	1.05	0.31	4.7	1	0.6	1760	0.21	<0.05	3.2	0.110	2.11
K309662		300	6.7	43.2	0.005	1.14	0.68	4.7	1	0.7	1290	0.21	<0.05	3.2	0.114	2.87
K309663		880	4.2	22.1	0.002	0.63	0.40	2.9	1	0.4	1445	0.11	<0.05	1.8	0.056	1.64
K309664		820	2.6	10.4	<0.002	0.33	0.11	1.6	1	0.2	1410	0.06	<0.05	0.9	0.029	0.75
K309665		350	8.4	76.1	<0.002	2.33	8.90	8.5	1	1.4	665	0.42	0.05	5.3	0.251	9.93
K309666		280	2.6	14.6	0.002	0.47	1.08	2.2	1	0.3	1425	0.07	<0.05	1.2	0.036	1.28
K309667		180	4.1	25.5	0.002	0.75	1.76	3.0	1	0.4	1760	0.12	<0.05	2.0	0.063	2.73
K309668		580	1.5	8.0	<0.002	0.30	5.10	1.3	1	<0.2	1565	<0.05	<0.05	0.7	0.022	1.36
K309669		150	3.8	22.7	0.002	0.69	3.41	2.6	1	0.4	1870	0.11	<0.05	1.7	0.057	3.29
K309670		150	1.1	0.6	<0.002	<0.01	0.05	0.1	<1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02
K309671		260	2.7	11.9	<0.002	0.38	0.63	1.8	1	0.2	2070	0.06	<0.05	1.1	0.034	2.26
K309672		400	3.5	13.7	<0.002	0.42	1.00	1.9	1	0.2	1980	0.07	<0.05	1.2	0.037	2.39
K309673		820	1.7	7.3	<0.002	0.32	2.89	1.3	1	<0.2	1480	<0.05	<0.05	0.6	0.018	2.60
K309674		610	7.6	41.8	0.004	1.27	3.19	4.8	1	0.7	1445	0.22	<0.05	3.2	0.119	6.22
K309675		610	3.6	23.4	<0.002	0.65	0.80	2.8	1	0.3	1605	0.11	<0.05	1.7	0.060	2.37
K309676		350	1.5	8.8	<0.002	0.28	0.34	1.3	<1	0.2	1175	<0.05	<0.05	0.7	0.025	0.99
K309677		500	4.4	27.2	<0.002	0.80	0.60	3.6	1	0.4	1650	0.13	<0.05	2.1	0.078	2.58
K309678		200	5.7	35.7	0.002	0.99	1.15	4.5	1	0.5	1655	0.18	<0.05	2.8	0.107	3.31
K309679		430	8.5	58.3	<0.002	0.08	2.27	15.2	1	1.4	157.0	0.51	0.10	4.5	0.484	3.74
K309680		600	20.1	128.5	<0.002	0.11	15.10	13.1	1	2.1	128.0	0.78	0.15	8.9	0.519	26.3
K309681		640	21.6	144.0	<0.002	0.22	9.43	21.0	2	2.1	62.0	0.79	0.11	9.8	0.532	9.54
K309682		360	8.5	76.2	<0.002	2.40	9.11	8.6	2	1.4	686	0.43	0.05	5.4	0.250	10.10
K309683		690	23.0	159.5	<0.002	0.96	7.86	22.4	1	2.4	79.4	0.90	0.15	11.9	0.570	13.15
K309684		640	29.5	102.5	<0.002	2.03	8.57	19.3	1	1.6	125.0	0.58	0.08	7.2	0.446	6.93
K309685		170	1.7	1.1	<0.002	0.01	0.07	0.2	<1	<0.2	51.2	<0.05	<0.05	<0.2	<0.005	0.03
K309686		570	21.4	129.0	0.002	4.27	3.24	18.7	1	2.0	104.0	0.73	0.14	9.0	0.522	5.20

ALS Minerals
ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146955

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K309651		1.9	63	2.4	17.4	41	52.3
K309652		2.1	44	2.1	18.0	33	42.3
K309653		2.5	26	0.5	17.3	22	32.9
K309654		2.4	28	0.4	14.1	22	28.9
K309655		2.2	25	0.3	16.0	19	25.9
K309656		2.5	32	0.5	17.8	29	33.2
K309657		2.6	33	0.5	19.1	29	37.2
K309658		2.3	17	0.3	14.3	10	21.6
K309659		3.2	44	1.7	20.2	36	46.2
K309660		2.3	17	0.4	13.3	13	19.5
K309661		2.7	35	1.1	14.7	25	36.1
K309662		2.8	35	1.3	13.8	32	36.0
K309663		2.8	18	0.7	14.0	11	21.2
K309664		2.2	9	0.3	9.9	4	10.8
K309665		2.2	70	5.2	15.9	43	62.9
K309666		1.8	13	0.7	11.7	7	13.1
K309667		2.4	19	1.5	12.9	20	21.3
K309668		1.3	7	0.4	7.2	6	9.5
K309669		2.2	18	1.0	12.5	12	18.4
K309670		0.8	2	0.1	0.8	13	<0.5
K309671		2.5	10	0.8	13.7	7	11.6
K309672		2.5	11	0.9	14.4	5	13.1
K309673		1.8	7	0.6	9.3	4	9.3
K309674		3.5	33	3.0	17.6	26	40.4
K309675		2.2	18	1.3	12.6	15	20.0
K309676		1.3	8	0.5	6.4	7	8.1
K309677		2.6	24	1.3	15.7	8	24.2
K309678		2.3	30	1.7	15.6	19	31.7
K309679		1.0	137	66.6	14.7	73	62.4
K309680		1.8	141	14.0	17.4	32	115.5
K309681		1.9	154	10.4	26.9	56	108.5
K309682		2.3	71	5.2	16.1	46	65.8
K309683		2.1	166	10.2	22.4	64	117.5
K309684		1.9	124	8.2	19.5	77	74.0
K309685		0.4	2	0.1	0.7	18	0.5
K309686		1.8	144	6.1	18.7	47	102.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146955

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	WSH-21
WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

CERTIFICATE WH13146956

Project: Nadaleen

P.O. No.: 13-049

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146956

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
K309687		12.96	0.22	0.01	5.96	151.0	220	1.57	0.39	5.58	0.15	55.1	20.5	48	21.7	59.6
K309688		11.74	0.94	0.06	3.28	388	120	0.87	0.18	4.94	0.14	32.2	17.3	35	12.00	41.1
K309689		9.34	0.45	0.04	3.29	266	120	0.91	0.19	4.71	0.17	36.2	15.7	35	14.80	40.3
K309690		11.36	0.11	0.05	0.96	104.0	40	0.23	0.06	3.85	0.34	14.25	7.4	33	3.17	12.4
K309691		11.31	<0.01	0.03	7.21	82.1	320	1.81	0.40	3.95	0.08	65.8	26.7	58	34.1	85.3
K309692		11.30	0.03	0.06	6.00	23.3	380	1.56	0.34	5.90	0.07	55.1	18.1	46	28.7	51.6
K309693		10.82	<0.01	0.07	6.00	38.9	300	1.47	0.26	7.12	0.06	45.7	21.7	50	31.5	65.0
K309694		7.75	0.01	0.08	5.82	42.0	400	1.38	0.28	3.24	0.16	49.0	23.5	55	32.3	67.9
K309695		8.88	<0.01	0.07	2.74	52.3	130	0.69	0.16	4.92	0.71	29.7	11.3	29	13.70	22.9
K309696		2.87	0.72	0.05	2.34	228	120	0.69	0.17	4.85	0.23	26.7	12.0	27	8.28	22.9
K309697		<0.02	0.66	0.05	2.38	228	120	0.67	0.17	4.87	0.24	26.7	12.6	27	8.41	24.2
K309698		10.56	0.59	0.05	1.15	191.0	140	0.36	0.07	7.16	0.08	14.80	7.0	15	4.01	16.3
K309699		7.18	0.25	0.04	0.92	736	80	0.24	0.06	7.66	0.08	10.85	5.9	18	2.73	15.6
K309700		8.36	0.01	0.06	4.58	117.5	210	1.36	0.27	7.99	0.07	47.5	17.2	34	20.4	47.9
K309701		0.29	7.96	0.25	3.75	>10000	180	0.69	0.21	10.40	0.67	43.0	13.5	41	9.78	55.6
K309702		8.05	0.01	0.10	5.16	268	220	1.48	0.26	3.36	0.60	57.1	13.7	50	21.3	43.1
K309703		6.67	0.01	0.12	5.72	335	220	1.66	0.30	3.41	0.75	59.4	15.3	60	20.9	51.5
K309704		6.99	1.09	0.14	6.27	1330	240	1.49	0.32	2.07	1.11	60.7	17.1	64	19.10	55.0
K309705		9.34	0.73	0.10	6.63	1480	280	1.56	0.33	1.26	0.55	68.8	15.5	65	19.45	48.7
K309706		9.95	0.02	0.06	7.17	545	300	1.91	0.33	1.65	0.21	66.9	18.6	67	30.8	54.9
K309707		6.95	<0.01	0.01	0.07	<5	40	0.09	0.03	21.0	0.10	1.27	1.4	<1	0.24	2.8
K309708		12.12	<0.01	0.09	6.65	109.5	320	1.80	0.29	1.31	0.25	63.6	19.6	69	36.7	56.7
K309709		11.32	<0.01	0.08	6.99	70.3	310	1.79	0.26	2.05	0.16	69.2	20.7	73	35.8	67.7
K309710		10.50	<0.01	0.13	6.68	82.2	380	1.78	0.26	1.86	0.17	64.4	20.2	73	33.4	65.5
K309711		5.23	<0.01	0.07	7.13	91.7	340	1.82	0.27	1.95	0.15	67.2	20.8	77	33.8	61.5
K309712		11.94	0.01	0.07	5.74	88.9	470	1.48	0.22	2.88	0.13	53.2	16.9	73	23.1	50.4
K309713		10.18	<0.01	0.07	5.60	82.5	400	1.57	0.23	2.06	0.16	57.8	16.8	65	28.1	51.0
K309714		11.28	<0.01	0.10	5.58	83.8	260	1.57	0.21	1.61	0.14	53.8	17.5	73	29.4	47.6
K309715		11.52	<0.01	0.07	6.06	97.9	420	1.52	0.23	1.57	0.15	54.2	14.1	66	31.0	41.4
K309716		11.15	0.02	0.08	6.06	110.5	310	1.70	0.23	1.90	0.20	54.4	15.4	62	27.1	44.3
K309717		0.28	0.51	0.10	3.55	2530	200	0.86	0.13	18.30	0.13	36.8	11.2	40	9.49	43.6
K309718		9.89	0.01	0.08	6.04	207	290	1.66	0.23	2.94	0.35	57.5	18.5	64	21.2	50.2
K309719		11.30	0.06	0.06	6.07	358	230	1.35	0.20	2.96	0.12	52.2	18.1	67	17.05	48.2
K309720		10.78	<0.01	0.08	5.54	201	170	1.37	0.17	2.74	0.09	49.0	18.8	67	19.05	49.5
K309721		7.10	<0.01	0.02	0.09	<5	20	0.06	0.04	21.6	0.06	1.21	0.6	2	0.15	7.1
K309722		10.58	0.03	0.08	4.40	232	140	0.99	0.16	2.71	0.14	40.6	12.7	55	11.95	40.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146956

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K309687		4.23	16.60	0.21	3.0	2.40	0.078	2.96	28.3	10.3	3.02	1240	0.77	0.03	10.3	49.4
K309688		3.50	8.85	0.16	1.7	2.94	0.037	1.59	16.3	8.3	2.49	1360	0.93	0.02	5.5	37.8
K309689		3.68	8.88	0.15	1.9	3.39	0.039	1.55	17.7	8.3	2.31	1050	0.95	0.02	5.5	36.4
K309690		2.66	2.52	0.11	0.7	1.28	0.014	0.45	7.1	5.9	1.63	565	0.36	0.01	1.6	13.7
K309691		4.86	20.3	0.23	3.5	0.96	0.085	3.72	32.3	12.2	2.33	576	1.03	0.03	12.2	52.5
K309692		4.11	16.60	0.21	3.1	0.13	0.070	3.09	28.0	10.2	3.17	696	1.08	0.03	10.4	37.9
K309693		4.98	16.80	0.21	3.1	0.18	0.065	3.11	22.5	10.4	3.74	737	0.89	0.03	9.5	42.2
K309694		4.85	16.50	0.21	3.1	0.23	0.066	3.01	24.5	12.2	1.68	657	0.96	0.03	9.1	41.8
K309695		3.66	7.07	0.15	1.8	0.44	0.044	1.33	15.0	9.9	2.06	859	1.15	0.02	4.7	21.7
K309696		3.63	6.23	0.14	1.4	1.92	0.029	1.14	13.3	10.2	2.06	1380	0.77	0.01	4.2	18.6
K309697		3.73	6.47	0.15	1.4	1.90	0.030	1.12	13.9	10.1	2.09	1360	0.84	0.01	4.2	19.7
K309698		2.47	3.28	0.10	0.7	2.03	0.022	0.55	7.2	8.8	3.33	1200	0.46	0.01	1.8	16.5
K309699		2.49	2.64	0.10	0.6	1.42	0.022	0.43	5.2	9.4	3.51	1020	0.51	0.01	1.4	14.5
K309700		4.02	13.45	0.17	2.3	1.89	0.059	2.34	23.6	11.9	3.96	955	0.76	0.03	7.9	33.6
K309701		2.98	10.90	0.15	2.0	26.7	0.114	1.78	24.1	17.2	0.37	761	3.73	0.02	6.1	28.1
K309702		4.59	14.85	0.20	3.0	5.84	0.064	2.56	28.5	13.5	1.64	392	3.61	0.03	9.5	39.4
K309703		4.94	16.50	0.22	3.1	9.04	0.067	2.90	30.0	11.1	1.66	447	9.29	0.03	10.0	48.9
K309704		5.05	18.00	0.24	3.4	9.06	0.074	3.20	31.5	11.4	1.26	894	7.26	0.03	10.4	52.9
K309705		4.57	18.85	0.24	3.7	6.93	0.082	3.38	34.8	12.0	0.95	484	2.75	0.03	12.3	41.4
K309706		4.89	19.50	0.23	3.8	3.47	0.078	3.62	33.3	17.6	1.29	315	1.60	0.04	12.3	41.6
K309707		0.47	0.32	0.11	<0.1	0.01	<0.005	0.03	0.6	1.3	12.85	216	0.05	0.01	0.3	1.5
K309708		4.96	17.95	0.22	3.3	1.21	0.075	3.31	32.1	28.9	1.53	313	1.03	0.04	11.0	42.0
K309709		4.79	19.50	0.18	3.2	0.71	0.073	3.47	33.4	31.8	1.90	461	0.79	0.04	13.0	41.1
K309710		4.89	18.55	0.17	3.1	0.94	0.077	3.32	31.1	28.1	1.77	416	0.89	0.04	12.1	39.7
K309711		5.10	19.30	0.19	3.2	0.90	0.080	3.47	32.4	29.7	1.85	447	0.78	0.04	12.9	40.5
K309712		4.51	15.45	0.16	2.9	0.68	0.059	2.71	25.7	31.0	2.15	482	0.86	0.03	9.7	34.0
K309713		4.56	16.45	0.17	2.9	0.75	0.063	2.67	28.3	26.3	1.65	465	0.88	0.03	10.5	34.4
K309714		4.33	15.60	0.16	2.7	0.52	0.059	2.69	26.3	34.7	1.53	406	0.79	0.03	10.1	33.0
K309715		4.35	15.00	0.18	2.7	1.26	0.055	2.93	26.9	26.9	1.47	377	0.92	0.03	9.8	29.1
K309716		4.51	15.90	0.15	2.6	2.03	0.062	2.97	27.0	21.4	1.20	386	1.04	0.03	10.0	31.5
K309717		2.87	10.20	0.16	1.8	3.98	0.036	1.67	18.7	8.6	1.38	1170	1.65	0.02	6.4	24.6
K309718		4.81	16.50	0.16	2.9	2.15	0.064	2.87	27.6	25.0	1.56	574	0.88	0.03	10.9	36.3
K309719		4.67	15.35	0.16	2.6	2.29	0.056	2.93	25.5	14.8	1.55	653	0.51	0.03	10.0	32.6
K309720		4.52	14.95	0.17	2.6	0.93	0.054	2.55	24.0	27.1	1.37	583	0.38	0.02	9.1	32.5
K309721		0.48	0.34	0.08	<0.1	<0.01	0.006	0.02	0.6	1.1	12.95	213	0.09	<0.01	0.2	3.5
K309722		3.88	11.85	0.14	2.2	2.03	0.047	1.95	19.6	25.6	1.24	621	0.82	0.02	7.2	26.5

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146956

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K309687		570	20.0	123.5	<0.002	3.41	1.72	17.1	2	1.9	130.0	0.71	0.12	9.8	0.463	5.30
K309688		320	16.3	71.3	0.003	2.74	4.87	11.1	2	1.2	97.1	0.35	0.07	5.2	0.245	9.81
K309689		360	21.6	64.0	0.002	2.85	3.61	10.6	2	1.1	108.0	0.40	0.06	5.5	0.276	9.93
K309690		120	17.3	19.0	<0.002	1.62	1.49	2.4	2	0.4	84.9	0.12	<0.05	2.0	0.097	3.32
K309691		560	20.6	159.0	0.003	4.36	0.65	21.1	3	2.3	123.5	0.85	0.14	10.7	0.550	4.80
K309692		450	17.4	136.0	0.003	3.14	0.39	15.6	2	2.0	160.5	0.73	0.10	9.6	0.434	3.07
K309693		510	17.0	142.0	0.004	4.04	0.40	17.4	3	1.8	134.0	0.65	0.06	8.7	0.446	3.45
K309694		400	22.1	137.0	0.002	4.22	0.49	17.1	3	1.8	117.5	0.64	0.08	8.6	0.467	3.45
K309695		290	17.9	60.1	0.006	2.23	0.35	6.6	3	0.9	164.0	0.34	<0.05	4.5	0.230	2.99
K309696		290	16.7	49.4	0.002	2.46	2.21	7.3	2	0.9	178.0	0.28	0.06	4.1	0.209	5.16
K309697		300	17.7	50.2	0.003	2.50	2.20	7.5	2	0.9	179.5	0.28	0.06	4.0	0.208	5.41
K309698		230	12.2	24.3	<0.002	1.06	2.48	4.2	2	0.5	164.5	0.12	<0.05	2.3	0.080	5.89
K309699		190	9.4	18.4	<0.002	0.87	2.67	2.8	2	0.4	227	0.10	<0.05	1.8	0.065	4.10
K309700		480	15.3	107.0	<0.002	2.58	0.57	12.3	2	1.6	222	0.52	0.07	7.4	0.320	3.25
K309701		530	17.5	89.6	0.003	3.50	96.9	8.6	3	1.9	447	0.43	0.14	7.2	0.223	60.5
K309702		520	18.6	115.5	0.012	3.85	2.40	13.0	4	1.8	161.0	0.66	0.06	9.0	0.376	12.45
K309703		760	21.5	131.5	0.019	4.27	10.85	16.2	5	1.9	127.0	0.69	0.07	10.0	0.414	15.90
K309704		320	27.1	142.0	0.018	4.82	11.75	17.6	4	2.1	84.2	0.73	0.08	11.0	0.448	17.95
K309705		270	27.0	158.5	0.007	4.40	13.90	17.3	4	2.4	73.5	0.80	0.07	11.6	0.463	15.70
K309706		420	24.0	164.0	0.005	4.13	3.13	18.5	3	2.4	130.0	0.86	0.07	12.1	0.532	10.80
K309707		170	2.0	1.6	<0.002	0.01	0.05	0.2	2	<0.2	50.3	<0.05	<0.05	<0.2	<0.005	0.03
K309708		460	21.4	159.0	0.002	2.83	0.51	17.6	3	2.2	124.5	0.77	0.07	10.4	0.538	4.87
K309709		740	24.0	163.5	<0.002	2.03	0.55	20.4	2	2.2	128.5	0.83	0.06	10.3	0.547	3.89
K309710		740	23.4	155.0	0.002	2.20	0.55	18.8	2	2.2	123.0	0.80	0.05	10.3	0.534	3.75
K309711		870	23.1	163.0	0.002	2.06	0.58	19.1	2	2.3	129.5	0.83	0.05	10.5	0.562	3.48
K309712		450	17.2	124.5	0.003	1.46	1.10	15.9	1	1.8	161.5	0.68	0.06	8.4	0.485	2.39
K309713		630	20.6	132.5	0.002	1.65	0.52	15.7	2	1.9	136.5	0.73	<0.05	9.2	0.462	2.76
K309714		420	17.8	127.0	0.002	1.30	0.47	15.6	1	1.8	105.0	0.66	<0.05	8.7	0.493	2.07
K309715		460	18.5	129.5	0.002	1.64	0.42	14.0	2	1.7	89.0	0.68	0.06	9.1	0.468	2.54
K309716		530	19.2	132.0	0.002	3.48	1.14	15.1	2	1.8	104.0	0.65	0.06	8.8	0.456	5.34
K309717		350	8.3	76.0	0.002	2.47	9.27	8.8	2	1.4	697	0.43	0.05	5.0	0.272	9.73
K309718		530	20.0	126.0	0.002	4.08	0.91	16.6	1	1.9	192.5	0.71	0.07	9.0	0.504	5.64
K309719		490	19.7	118.5	<0.002	3.98	2.15	15.5	1	1.7	161.0	0.65	<0.05	8.3	0.526	5.83
K309720		370	15.7	115.5	<0.002	3.87	0.63	16.0	1	1.6	127.5	0.64	<0.05	6.8	0.512	2.57
K309721		150	3.5	1.3	<0.002	0.01	0.06	0.3	<1	<0.2	50.5	<0.05	<0.05	<0.2	0.006	0.02
K309722		380	16.0	86.7	<0.002	2.99	1.77	12.1	1	1.4	131.5	0.50	0.05	6.4	0.420	5.24

ALS Minerals
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146956

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K309687		1.9	127	5.3	21.0	49	94.8	
K309688		1.2	69	5.1	13.1	54	56.3	
K309689		1.3	78	3.3	14.1	66	60.4	
K309690		0.5	24	1.1	6.0	178	21.1	
K309691		2.2	156	2.1	23.9	41	116.5	
K309692		2.0	119	1.4	18.7	38	99.4	
K309693		2.0	134	1.3	19.6	31	96.2	
K309694		2.1	134	1.8	18.9	64	95.3	
K309695		1.2	56	1.5	13.5	246	54.4	
K309696		1.0	51	2.0	11.6	95	47.0	
K309697		1.0	52	2.8	11.7	91	48.0	
K309698		0.6	25	1.1	8.0	21	23.0	
K309699		0.5	21	1.0	7.0	25	17.7	
K309700		1.6	88	1.6	20.0	35	81.2	
K309701		4.3	64	8.6	23.3	130	64.6	3.28
K309702		2.6	115	2.1	20.6	228	99.4	
K309703		4.1	150	4.9	25.7	205	103.5	
K309704		3.8	154	9.9	20.6	334	110.0	
K309705		3.1	135	9.8	22.0	165	120.0	
K309706		3.0	152	4.9	23.3	100	122.5	
K309707		0.6	3	0.1	0.8	19	0.6	
K309708		2.2	155	1.4	20.3	113	109.0	
K309709		2.1	151	1.4	23.7	84	123.0	
K309710		2.0	148	1.2	21.9	91	115.5	
K309711		2.1	157	1.3	23.4	91	122.5	
K309712		1.7	136	1.9	17.3	81	101.0	
K309713		1.9	127	1.3	20.3	76	103.0	
K309714		1.7	138	1.2	17.7	87	100.5	
K309715		2.0	126	1.3	17.2	87	100.5	
K309716		1.9	133	2.2	17.7	105	99.9	
K309717		2.1	75	5.3	16.6	47	67.8	
K309718		1.9	141	2.3	19.9	188	102.5	
K309719		1.6	146	5.7	18.4	85	100.0	
K309720		1.4	145	3.2	17.9	75	95.2	
K309721		0.6	4	0.1	0.8	17	0.6	
K309722		1.4	120	4.5	14.2	81	79.2	

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 4-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13146956

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE WH13150630

Project: Nadaleen

P.O. No.: 13- 050

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 31	Fine crushing - 70%<2mm
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13150630

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
K309723		11.12	0.13	0.08	5.95	258	220	1.42	0.23	3.45	0.17	54.8	19.9	69	14.85	55.7
K309724		10.43	5.43	0.11	5.79	8110	270	1.17	0.23	0.64	0.23	54.5	20.9	73	11.35	51.4
K309725		10.89	0.38	0.06	5.91	348	180	1.52	0.21	4.53	0.19	58.8	19.0	63	16.35	53.9
K309726		10.64	0.18	0.06	6.30	644	170	1.76	0.26	2.53	0.12	60.7	21.5	73	21.1	58.6
K309727		10.76	<0.01	0.08	5.96	146.5	230	1.83	0.23	2.51	0.04	58.9	19.2	72	22.1	54.0
K309728		11.22	0.01	0.10	6.25	246	190	1.65	0.25	2.70	0.09	60.9	26.8	69	17.65	54.7
K309729		4.89	0.01	0.07	6.20	242	200	1.73	0.24	2.91	0.12	61.7	22.5	67	17.95	56.7
K309730		11.85	0.16	0.07	5.83	2300	220	1.46	0.23	2.90	0.06	56.6	18.3	62	18.20	48.0
K309731		0.27	2.59	0.20	4.03	6410	210	0.91	0.14	11.75	0.17	40.5	11.7	45	10.40	38.0
K309732		5.38	<0.01	0.07	5.35	145.0	180	1.47	0.20	4.76	0.03	49.9	14.9	54	18.25	40.9
K309733		10.42	0.12	0.09	7.43	804	310	2.24	0.25	3.68	0.06	65.0	22.8	76	25.8	52.0
K309734		10.01	<0.01	0.07	7.91	305	290	2.18	0.26	1.09	0.04	68.3	23.9	86	26.1	55.6
K309735		9.78	<0.01	0.08	7.09	230	220	1.82	0.31	2.80	0.15	69.8	20.1	67	19.55	73.5
K309736		9.81	0.04	0.07	5.87	719	300	1.61	0.23	2.86	0.11	56.3	17.1	59	17.00	46.7
K309737		10.47	0.13	0.06	7.90	1255	300	2.67	0.22	1.91	0.02	67.0	21.2	85	31.4	49.9
K309738		11.18	<0.01	0.04	7.49	94.2	280	2.24	0.22	0.79	<0.02	68.3	24.4	86	44.4	47.8
K309739		6.81	<0.01	0.12	0.05	<5	30	0.06	0.02	20.9	0.06	1.12	0.5	1	0.18	6.8
K309740		10.79	<0.01	0.23	7.96	525	260	2.25	0.21	1.27	0.04	66.6	21.6	95	44.7	51.2
K309741		9.57	<0.01	0.38	7.58	116.0	300	1.81	0.22	2.06	0.08	64.6	20.8	90	47.3	55.4
K309742		<0.02	<0.01	1.53	7.37	122.5	270	1.87	0.24	1.82	0.10	67.8	22.3	89	50.0	56.8
K309743		10.12	<0.01	0.72	6.86	36.1	450	1.64	0.25	3.06	0.08	68.0	19.8	78	35.4	52.0
K309744		8.44	<0.01	0.11	8.00	141.5	340	2.32	0.25	1.58	0.12	75.6	22.7	81	39.3	57.5
K309745		11.36	<0.01	0.06	7.60	126.0	440	2.10	0.25	1.84	0.20	70.3	19.1	79	38.7	59.7
K309746		11.00	<0.01	0.06	6.64	125.5	330	1.84	0.23	2.18	0.10	64.0	20.2	79	38.0	57.0
K309747		4.16	0.01	0.07	6.96	38.8	250	1.34	0.19	3.91	0.27	48.0	33.1	72	9.97	162.0
K309748		1.96	0.01	0.09	6.87	335	310	1.79	0.26	3.45	0.52	56.0	30.3	69	12.95	118.5
K309749		1.82	<0.01	0.06	6.19	113.5	400	1.84	0.21	7.73	0.11	65.3	13.3	53	18.20	48.5
K309750		2.52	<0.01	0.05	3.77	164	160	1.10	0.13	18.60	0.06	45.9	7.2	28	9.42	18.4
K309751		5.73	<0.01	0.08	10.00	141.0	470	2.58	0.37	0.33	0.04	110.5	16.9	77	25.7	37.7
K309752		0.28	0.50	0.10	3.65	2350	200	0.92	0.13	18.70	0.13	38.9	10.5	42	9.29	44.1
K309753		6.47	<0.01	0.06	7.54	128.5	320	2.17	0.27	3.56	0.11	70.0	17.0	71	20.8	42.8
K309754		10.28	<0.01	0.06	7.35	23.2	370	1.92	0.25	8.98	0.13	78.8	15.4	59	25.7	38.2
K309755		10.06	<0.01	0.06	7.59	15.9	320	2.05	0.28	5.75	0.16	66.8	22.7	84	34.6	80.4
K309756		7.12	<0.01	<0.01	0.09	<5	210	0.06	0.02	23.0	0.06	1.27	0.6	1	0.22	4.0
K309757		10.37	<0.01	0.06	7.11	12.7	340	1.79	0.25	4.71	0.24	66.3	27.7	74	41.2	119.5
K309758		6.55	<0.01	0.08	7.11	9.7	240	1.62	0.21	4.13	0.34	53.8	34.0	76	40.0	158.0

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ALS Minerals

To: ATAC RESOURCES LTD.
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13150630

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K309723		4.96	15.60	0.20	2.7	1.90	0.050	2.75	26.0	17.2	1.66	841	0.50	0.02	9.2	36.8
K309724		4.18	16.40	0.19	2.8	12.8	0.052	2.59	25.8	18.8	0.57	368	0.45	0.02	9.3	35.3
K309725		4.73	15.95	0.21	3.0	1.90	0.056	2.88	27.8	15.0	2.22	1400	0.75	0.02	9.7	34.0
K309726		5.14	17.10	0.20	3.0	0.76	0.068	2.98	28.8	19.3	1.35	911	0.53	0.02	10.3	39.3
K309727		4.51	16.40	0.21	2.9	0.26	0.064	2.86	27.8	36.3	1.92	771	0.35	0.03	9.7	35.3
K309728		4.89	16.50	0.21	3.0	0.72	0.063	2.95	28.3	27.1	1.54	730	0.44	0.02	10.1	40.1
K309729		4.64	16.95	0.20	3.4	0.71	0.071	2.97	29.1	27.4	1.60	777	0.44	0.02	10.3	38.8
K309730		4.50	15.55	0.19	2.9	0.99	0.051	2.78	27.2	30.6	1.46	730	0.39	0.03	9.0	32.8
K309731		2.95	10.30	0.20	2.0	14.2	0.031	1.87	20.7	12.0	2.70	1200	1.89	0.02	5.6	25.0
K309732		4.74	13.75	0.17	2.5	0.45	0.055	2.45	24.4	29.3	2.15	918	0.29	0.03	7.3	26.5
K309733		4.97	20.2	0.21	2.8	0.94	0.071	3.38	32.1	23.1	1.84	850	0.36	0.03	8.9	34.9
K309734		5.97	21.5	0.22	2.7	1.21	0.071	3.35	33.1	49.5	0.84	515	0.23	0.03	9.4	36.9
K309735		4.80	19.50	0.20	3.3	0.59	0.074	3.17	33.1	30.7	1.45	774	0.66	0.03	11.8	35.0
K309736		4.47	15.95	0.19	2.6	0.62	0.061	2.62	27.2	27.7	1.40	707	0.50	0.02	8.6	30.1
K309737		5.37	19.90	0.16	2.7	0.9	0.067	3.54	32.8	34.4	1.20	780	0.23	0.03	8.6	32.4
K309738		5.42	19.70	0.17	2.6	0.3	0.064	3.50	33.0	66.5	1.15	565	0.21	0.03	8.7	34.4
K309739		0.46	0.17	0.13	<0.1	<0.1	<0.005	0.02	0.5	1.0	12.40	198	0.53	<0.01	0.1	1.4
K309740		5.59	19.55	0.18	2.6	0.3	0.062	3.72	32.2	100.5	1.55	448	0.31	0.03	8.4	34.8
K309741		5.29	18.35	0.17	3.0	0.4	0.064	3.35	31.3	113.0	1.82	578	0.47	0.03	8.9	39.0
K309742		4.98	19.35	0.17	3.3	0.4	0.062	3.37	32.4	115.5	1.67	518	0.48	0.03	9.2	41.0
K309743		4.96	17.00	0.18	3.0	0.17	0.052	3.20	32.3	91.9	2.35	626	0.38	0.03	9.7	33.7
K309744		5.47	20.2	0.19	3.1	0.95	0.066	3.60	35.0	55.6	1.56	379	0.60	0.03	10.1	43.3
K309745		4.88	19.55	0.18	3.3	0.54	0.067	3.48	33.7	70.0	1.47	429	0.49	0.03	10.5	37.8
K309746		5.28	17.05	0.16	3.0	0.18	0.057	2.99	31.0	111.5	2.01	456	0.59	0.03	9.5	39.1
K309747		7.62	18.95	0.15	2.2	0.10	0.087	1.42	20.9	85.8	3.23	866	0.29	0.86	11.7	56.9
K309748		6.42	19.00	0.16	2.5	2.96	0.078	2.90	25.1	50.6	1.16	1060	1.26	0.08	12.4	47.2
K309749		4.06	15.95	0.17	2.6	0.37	0.044	2.51	32.4	59.7	1.12	616	0.64	0.11	8.6	28.9
K309750		2.45	8.83	0.14	1.4	0.77	0.023	1.71	22.5	9.9	0.76	600	0.34	0.03	4.4	16.5
K309751		5.03	24.0	0.20	3.4	1.52	0.067	4.50	54.3	21.3	0.55	678	0.55	0.06	12.3	33.1
K309752		2.96	9.51	0.14	1.7	3.42	0.024	1.67	19.0	9.1	1.38	1120	1.45	0.02	5.6	24.3
K309753		4.41	18.70	0.19	2.7	1.62	0.057	3.73	32.3	24.5	0.92	857	1.50	0.04	9.9	34.3
K309754		3.94	18.05	0.18	2.6	0.52	0.045	3.50	37.0	27.6	0.89	806	1.57	0.04	8.5	32.7
K309755		5.63	19.35	0.16	3.0	0.21	0.067	3.49	30.6	74.9	1.51	1000	1.41	0.05	11.2	49.7
K309756		0.52	0.27	0.13	<0.1	<0.01	<0.005	0.04	0.6	1.2	13.50	214	0.11	<0.01	0.2	1.6
K309757		6.45	18.55	0.16	3.1	0.09	0.072	2.60	30.5	115.0	2.70	1140	1.32	0.23	11.9	52.1
K309758		7.76	19.15	0.16	3.1	0.06	0.083	2.04	24.4	129.5	3.20	1100	0.43	0.39	13.6	56.7

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VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13150630

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
K309723		540	16.1	126.5	<0.002	4.26	2.20	18.2	1	1.8	200	0.63	0.06	7.6	0.526	5.69
K309724		490	16.8	118.0	<0.002	4.23	19.80	12.5	1	1.9	88.8	0.65	<0.05	8.0	0.520	39.0
K309725		470	13.4	134.5	<0.002	3.86	4.18	17.2	1	1.8	186.0	0.67	0.06	8.2	0.533	5.88
K309726		490	16.9	151.5	<0.002	5.03	2.25	19.3	1	2.0	89.7	0.71	<0.05	8.8	0.591	4.02
K309727		530	13.3	140.0	<0.002	1.75	0.46	17.3	1	1.9	101.5	0.68	0.05	8.2	0.534	1.88
K309728		520	17.8	138.0	<0.002	4.36	2.19	18.0	1	1.9	103.0	0.69	<0.05	8.8	0.552	3.84
K309729		520	15.3	140.5	<0.002	3.96	2.12	18.2	1	2.0	108.0	0.71	<0.05	8.8	0.562	3.66
K309730		420	14.4	123.5	<0.002	3.85	6.56	16.4	1	1.8	120.0	0.63	<0.05	8.4	0.479	4.78
K309731		470	11.0	82.9	<0.002	2.74	23.0	10.2	1	1.5	326	0.40	0.05	5.9	0.280	43.0
K309732		440	11.1	111.5	<0.002	3.49	0.71	13.6	1	1.6	133.5	0.53	<0.05	7.0	0.381	3.13
K309733		240	15.1	161.0	0.003	3.84	5.38	21.3	1	2.2	162.0	0.63	<0.05	9.0	0.430	4.02
K309734		320	14.5	162.0	0.002	6.03	2.24	23.6	1	2.3	152.0	0.64	0.05	9.4	0.452	7.95
K309735		580	17.1	148.0	<0.002	4.29	2.19	19.0	1	2.5	280	0.82	0.06	10.0	0.553	4.79
K309736		380	14.1	122.5	<0.002	3.84	4.34	16.3	1	1.9	174.5	0.61	0.05	8.2	0.430	2.85
K309737		220	13.6	170.5	0.004	4.69	2.29	21.9	1	1.9	136.5	0.63	<0.05	10.3	0.455	5.55
K309738		180	14.2	171.0	0.005	2.67	0.78	21.2	1	1.9	89.1	0.65	<0.05	9.7	0.435	2.66
K309739		150	1.1	1.0	0.002	<0.01	0.14	0.2	<1	0.2	48.0	<0.05	<0.05	<0.2	<0.005	<0.02
K309740		260	11.8	169.5	0.004	1.70	1.13	22.8	1	1.9	118.0	0.64	<0.05	9.1	0.452	1.55
K309741		360	15.0	154.5	0.004	1.17	0.81	21.2	1	1.9	152.5	0.63	<0.05	9.0	0.462	1.44
K309742		330	15.8	159.0	0.007	1.12	0.85	22.5	1	2.0	140.5	0.70	0.06	10.5	0.466	1.49
K309743		590	12.1	150.0	0.004	0.54	0.50	17.8	1	1.9	198.5	0.73	0.05	10.3	0.525	1.08
K309744		400	30.3	179.0	0.005	3.53	1.55	22.7	2	2.0	132.5	0.72	0.06	10.9	0.481	5.40
K309745		510	13.4	170.5	0.004	3.16	0.76	21.6	1	2.0	285	0.74	<0.05	10.9	0.529	4.31
K309746		530	16.3	147.5	0.004	1.32	0.50	19.1	1	1.8	123.5	0.70	<0.05	10.0	0.522	1.51
K309747		670	7.7	75.2	0.004	0.12	0.39	28.7	1	1.7	102.0	0.75	0.21	4.1	0.737	0.67
K309748		610	15.4	128.0	0.004	0.16	3.07	25.8	1	2.1	108.0	0.75	0.21	5.7	0.609	6.10
K309749		1000	13.5	123.0	0.004	0.12	0.71	14.0	1	1.8	252	0.64	0.06	9.9	0.374	1.68
K309750		450	9.4	74.2	0.003	0.14	1.99	6.7	1	1.0	564	0.35	<0.05	5.5	0.164	2.37
K309751		520	19.2	193.0	0.004	0.17	3.84	18.8	1	2.3	80.1	0.89	<0.05	17.3	0.423	4.29
K309752		370	7.5	79.4	0.003	2.52	8.61	9.1	1	1.3	732	0.40	0.05	4.9	0.261	9.72
K309753		840	17.1	120.5	0.006	0.55	2.16	14.6	2	2.0	127.0	0.72	<0.05	11.2	0.375	3.90
K309754		680	17.6	136.5	0.007	0.23	0.61	12.7	1	2.0	436	0.70	<0.05	12.0	0.332	2.37
K309755		610	14.7	134.0	0.007	0.68	0.56	19.9	2	2.1	302	0.76	0.11	9.6	0.499	2.08
K309756		160	1.2	1.6	0.002	<0.01	<0.05	0.2	<1	<0.2	52.9	<0.05	<0.05	<0.2	<0.005	0.03
K309757		610	11.8	148.0	0.005	0.54	0.42	23.7	2	1.9	188.0	0.77	0.19	7.2	0.571	1.08
K309758		750	10.2	123.5	0.004	0.35	0.33	28.1	2	1.8	138.5	0.85	0.22	5.2	0.715	0.78

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Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K309723		1.6	146	7.3	18.7	89	88.8
K309724		1.7	143	10.4	20.0	89	97.1
K309725		1.7	137	6.9	19.7	103	100.5
K309726		1.9	159	6.6	21.3	92	105.5
K309727		1.8	142	2.3	20.3	63	100.5
K309728		1.8	144	6.1	21.2	81	103.5
K309729		1.9	147	6.4	21.6	85	104.5
K309730		1.8	129	5.7	18.7	66	92.5
K309731		6.6	85	7.5	17.5	48	68.0
K309732		1.8	109	1.7	16.7	59	77.0
K309733		1.8	146	9.4	18.4	80	91.1
K309734		1.7	152	6.6	22.0	69	100.0
K309735		2.1	143	7.5	23.3	109	111.0
K309736		1.6	121	7.5	18.2	72	86.6
K309737		1.8	160	6.2	20.8	70	99.5
K309738		1.7	146	1.3	19.1	67	86.3
K309739		0.6	2	0.1	0.7	16	<0.5
K309740		1.8	159	4.1	19.7	73	88.6
K309741		2.2	157	1.1	21.8	83	113.0
K309742		2.3	159	1.1	23.0	81	110.0
K309743		2.1	141	1.3	22.0	78	106.0
K309744		2.4	162	1.2	22.5	78	126.0
K309745		2.2	162	1.2	22.3	124	119.0
K309746		1.9	141	1.1	21.5	91	102.0
K309747		1.1	243	1.1	23.8	104	79.3
K309748		1.5	190	6.4	24.9	92	94.7
K309749		1.9	95	6.3	20.7	76	87.6
K309750		1.7	36	2.3	13.7	58	46.0
K309751		3.2	96	7.9	20.9	96	110.5
K309752		2.4	71	4.5	16.7	44	65.7
K309753		2.6	121	3.1	19.1	91	91.8
K309754		2.8	106	1.2	19.3	91	86.9
K309755		2.2	159	1.3	20.3	100	101.5
K309756		0.7	3	0.1	0.7	17	0.6
K309757		1.8	177	1.0	24.9	100	110.5
K309758		1.6	229	0.8	26.4	111	114.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13150630

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg- CV41

Interference: Samples with Ca> 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	LOG- 22d
	LOG- 23	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	WSH- 21
	WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
	Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

CERTIFICATE WH13153549

Project: Nadaleen

P.O. No.: 13-051

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153549

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K309759	11.78	<0.01	0.07	6.69	29.8	180	1.56	0.22	3.26	0.31	57.0	31.0	73	47.3	151.5
K309760	9.81	<0.01	0.16	6.38	51.9	230	1.78	0.22	3.63	1.58	55.1	30.7	70	39.8	146.0
K309761	0.27	0.50	0.10	3.80	2710	260	1.00	0.13	19.60	0.14	42.3	11.5	44	10.30	45.7
K309762	10.87	<0.01	0.10	6.74	89.0	190	1.98	0.30	3.72	0.51	70.4	27.4	64	37.1	118.5
K309763	9.36	<0.01	0.14	5.43	112.5	340	1.67	0.27	3.32	0.14	77.3	10.4	52	18.35	25.9
K309764	5.31	<0.01	0.06	5.45	262	310	1.56	0.23	5.75	1.36	64.5	9.8	49	17.70	24.8
K309765	6.45	0.01	0.04	5.93	163	320	1.61	0.23	11.50	0.11	62.6	14.3	46	19.60	48.6
K309766	4.56	<0.01	0.03	2.14	77	150	0.82	0.11	25.7	0.16	30.7	6.8	22	7.39	22.1
K309767	6.99	<0.01	0.01	0.06	<5	180	0.08	0.02	21.0	0.07	1.19	0.8	1	0.23	2.7
K309768	7.38	<0.01	0.04	1.93	63	180	0.66	0.10	27.5	0.14	28.2	6.4	21	6.86	20.1
K309769	10.45	<0.01	0.02	7.47	559	720	0.62	0.03	6.42	0.21	144.0	30.3	7	8.54	12.7
K309770	6.00	0.01	<0.01	6.72	154.5	630	0.55	0.05	6.73	0.10	142.0	25.5	7	7.02	14.6
K309771	6.69	<0.01	<0.01	6.84	109.5	570	0.72	0.05	7.37	0.10	139.5	28.3	8	17.70	14.5
K309772	10.67	<0.01	0.01	1.00	103	190	0.23	0.04	29.6	0.06	20.3	3.2	6	2.21	4.8
K309773	10.57	<0.01	0.03	1.98	134	210	0.50	0.08	27.4	0.14	30.7	6.4	18	6.63	16.1
K309774	4.61	<0.01	0.03	1.81	131	200	0.53	0.08	29.3	0.08	29.1	6.0	17	5.75	14.9
K309775	10.92	<0.01	0.04	2.09	48	210	0.72	0.10	28.1	0.15	29.6	6.9	22	7.12	22.3
K309776	4.87	<0.01	0.01	0.37	32	60	0.18	0.02	30.8	0.04	6.87	1.8	3	0.67	2.1
K309777	6.72	<0.01	<0.01	0.45	81	140	0.18	0.01	30.4	0.04	11.40	1.7	2	0.67	1.9
K309778	10.23	<0.01	<0.01	5.99	3840	450	0.81	0.03	7.16	0.10	126.0	25.4	8	16.05	10.5
K309779	6.72	<0.01	<0.01	6.63	146.0	360	0.92	0.02	5.79	0.11	142.5	26.1	7	21.7	11.2
K309780	10.38	<0.01	0.01	0.23	148	80	0.12	0.02	35.1	0.06	5.45	1.1	2	0.32	2.5
K309781	11.16	<0.01	0.03	1.02	39	140	0.45	0.04	33.5	0.09	16.65	3.7	11	2.69	10.5
K309782	<0.02	<0.01	0.02	0.96	38	130	0.48	0.05	32.3	0.12	16.90	3.7	10	2.67	10.4
K309783	11.02	<0.01	0.05	2.93	68	390	0.99	0.13	22.6	0.23	41.3	10.1	28	8.97	32.6
K309784	11.22	<0.01	0.06	5.09	100	430	1.39	0.22	16.70	0.31	56.9	16.3	53	18.45	51.4
K309785	8.44	<0.01	0.05	2.85	39	190	1.08	0.14	22.1	0.18	39.0	8.8	28	10.15	28.8
K309786	4.84	<0.01	0.07	5.02	90	330	1.50	0.24	13.45	0.31	62.6	17.1	54	18.50	54.3
K309787	7.99	<0.01	0.08	4.46	79	320	1.23	0.19	15.30	0.25	60.6	15.5	41	16.05	43.9
K309788	6.82	<0.01	0.10	2.81	52	200	0.88	0.49	19.75	0.18	44.9	9.3	27	10.85	27.4
K309789	0.28	0.49	0.11	3.49	2470	200	0.83	0.15	18.20	0.10	40.6	11.2	41	10.90	39.7
K309790	6.95	<0.01	0.07	3.18	52	220	0.83	0.14	22.0	0.21	43.4	11.5	31	12.50	31.1
K309791	6.72	<0.01	0.06	2.04	29	220	0.46	0.09	27.2	0.12	31.3	7.0	21	7.32	18.7
K309792	4.91	<0.01	0.02	0.09	<5	30	0.05	0.05	21.2	0.07	1.49	1.7	<1	1.05	1.3
K309793	7.34	<0.01	0.06	1.36	31	170	0.35	0.08	31.2	0.08	23.4	4.8	13	5.15	12.5
K309794	7.43	<0.01	0.06	2.29	35	270	0.53	0.12	26.1	0.13	36.9	7.4	20	8.87	21.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153549

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K309759		6.98	19.20	0.20	4.2	0.14	0.091	2.19	27.7	120.0	2.89	837	0.55	0.12	14.8	51.8
K309760		7.04	19.40	0.14	4.1	0.37	0.098	1.94	26.4	143.5	2.98	893	0.59	0.03	14.7	51.7
K309761		3.09	10.25	0.11	2.0	3.82	0.039	1.84	21.9	9.5	1.51	1220	1.73	0.02	6.4	25.2
K309762		6.91	20.0	0.15	3.8	0.95	0.080	2.44	35.8	88.7	2.27	863	1.73	0.03	13.5	56.0
K309763		3.29	14.60	0.18	3.5	2.94	0.048	2.67	39.3	24.2	1.07	563	0.39	0.03	9.5	24.6
K309764		3.40	13.85	0.16	2.9	1.62	0.046	2.62	34.1	14.6	2.26	580	0.47	0.03	9.5	21.9
K309765		4.04	15.35	0.14	2.5	0.86	0.050	2.78	33.6	17.9	1.72	826	0.89	0.04	9.0	28.5
K309766		1.68	5.78	0.12	1.1	0.52	0.023	1.02	16.3	6.2	1.53	777	1.09	0.02	3.2	11.4
K309767		0.46	0.30	0.31	<0.1	<0.01	<0.005	0.02	0.6	1.2	12.50	201	2.31	<0.01	0.1	1.7
K309768		1.45	5.45	0.19	1.0	0.37	0.011	0.92	13.8	6.6	1.18	523	0.75	0.01	2.9	11.3
K309769		8.64	19.80	0.20	3.2	2.89	0.085	0.81	71.2	172.0	1.81	1200	2.24	0.03	70.2	8.3
K309770		7.16	16.75	0.18	2.9	3.53	0.071	0.44	72.3	174.0	1.84	1230	2.21	0.04	63.5	7.3
K309771		5.95	16.70	0.18	3.3	1.70	0.077	1.36	70.1	148.5	1.79	977	1.98	0.04	63.3	8.1
K309772		1.37	2.25	0.08	0.6	0.05	0.011	0.34	10.1	7.9	1.20	616	0.43	0.01	5.6	2.0
K309773		1.42	5.40	0.11	1.1	0.44	0.008	0.92	15.2	7.7	0.84	343	1.21	0.01	4.7	10.0
K309774		1.39	4.96	0.11	1.0	0.36	0.012	0.84	13.8	6.3	0.79	306	1.03	0.01	4.3	10.1
K309775		1.33	5.72	0.13	1.1	0.55	0.015	1.02	14.5	7.5	1.16	280	1.20	0.01	3.1	12.6
K309776		0.82	0.86	0.13	0.2	0.05	<0.005	0.16	3.1	1.9	3.80	622	0.25	0.01	1.5	1.3
K309777		1.32	0.97	0.09	0.3	0.09	<0.005	0.19	5.3	4.7	2.76	1340	0.29	0.01	2.4	0.7
K309778		6.98	16.10	0.17	2.5	1.91	0.059	1.91	63.9	234	1.75	1140	1.80	0.04	55.6	7.8
K309779		7.49	18.05	0.20	3.4	1.01	0.066	1.66	71.2	185.0	1.39	1160	1.86	0.03	63.1	7.1
K309780		0.54	0.54	0.08	0.1	0.07	<0.005	0.09	2.5	2.3	0.81	503	0.18	0.01	0.5	0.8
K309781		0.90	2.81	0.09	0.6	0.32	0.005	0.49	8.1	3.8	0.81	491	0.78	0.01	1.5	6.1
K309782		0.86	2.82	0.11	0.5	0.31	<0.005	0.46	8.2	3.8	0.78	474	0.85	0.01	1.5	6.0
K309783		1.98	7.89	0.14	1.5	1.33	0.018	1.38	20.8	8.2	1.28	411	1.72	0.02	4.2	17.6
K309784		2.91	13.85	0.17	2.5	1.57	0.044	2.46	30.6	13.4	1.12	527	2.05	0.03	7.4	28.5
K309785		1.96	7.75	0.16	1.6	0.64	0.018	1.37	20.0	8.2	1.47	650	1.21	0.02	4.1	16.0
K309786		3.16	13.80	0.18	2.6	0.77	0.042	2.43	36.3	13.3	1.77	551	2.34	0.03	7.3	30.2
K309787		3.03	13.20	0.12	2.3	0.67	0.050	2.07	31.4	12.8	1.55	600	2.10	0.03	7.5	25.8
K309788		2.47	8.25	0.11	1.4	0.34	0.033	1.30	23.1	7.7	2.42	852	4.69	0.02	4.7	15.6
K309789		2.96	10.30	0.11	1.9	3.57	0.039	1.64	20.1	8.9	1.34	1150	1.78	0.02	6.9	22.7
K309790		2.20	9.36	0.10	1.6	0.32	0.034	1.49	22.1	8.5	1.27	653	1.71	0.02	5.4	18.1
K309791		1.61	6.23	0.08	1.2	0.20	0.022	0.99	15.1	5.4	0.96	473	0.76	0.01	3.8	10.7
K309792		0.49	0.44	0.27	<0.1	<0.01	0.008	0.06	0.7	1.5	12.60	213	0.12	<0.01	0.7	2.8
K309793		1.04	4.02	0.07	0.8	0.20	0.016	0.65	11.3	4.6	0.73	317	0.60	0.01	2.7	6.6
K309794		1.57	6.41	0.07	1.3	0.37	0.025	1.00	18.3	8.4	0.84	426	0.71	0.02	4.1	11.6

***** See Appendix Page for comments regarding this certificate *****

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153549

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K309759		720	11.1	145.0	0.002	0.46	0.49	24.4	2	2.1	119.5	0.96	0.32	6.6	0.686	1.10
K309760		690	10.5	132.5	0.004	0.49	0.37	24.2	3	2.1	124.0	0.97	0.30	6.4	0.669	1.09
K309761		410	9.2	89.0	0.003	2.65	9.98	9.0	1	1.4	769	0.45	<0.05	6.3	0.279	10.10
K309762		560	16.6	145.0	0.006	4.05	1.45	21.1	3	2.4	140.0	0.91	0.26	9.2	0.547	5.09
K309763		910	24.7	130.5	0.002	2.70	0.77	10.0	2	1.8	168.5	0.73	<0.05	12.5	0.309	5.67
K309764		830	32.2	124.5	<0.002	2.30	1.14	8.9	1	1.8	198.0	0.68	<0.05	10.6	0.315	4.02
K309765		570	16.6	130.0	0.002	2.87	0.97	11.9	1	1.7	519	0.65	0.10	9.2	0.348	2.64
K309766		250	8.1	48.4	0.003	0.87	1.11	5.6	1	0.7	1260	0.23	<0.05	3.8	0.123	2.43
K309767		180	1.5	1.3	<0.002	0.01	<0.05	0.2	<1	<0.2	56.7	<0.05	<0.05	<0.2	<0.005	0.02
K309768		280	7.0	44.0	0.003	0.74	0.91	5.4	1	0.6	1610	0.20	<0.05	3.3	0.118	1.35
K309769		5380	7.2	28.1	0.002	7.31	1.65	13.6	2	1.4	770	3.82	<0.05	5.7	1.640	8.29
K309770		4700	6.7	26.0	0.002	5.37	1.86	12.1	2	1.3	983	3.42	<0.05	5.9	1.420	12.35
K309771		5020	5.8	71.2	0.003	3.83	0.88	12.9	2	1.3	1245	3.40	<0.05	5.8	1.535	8.53
K309772		540	1.5	16.1	0.002	0.32	0.21	2.4	1	0.2	1495	0.31	<0.05	1.4	0.153	0.21
K309773		710	8.4	47.5	0.005	0.97	0.91	4.7	2	0.6	1840	0.31	<0.05	3.4	0.150	1.39
K309774		800	9.9	42.0	0.003	1.02	0.87	4.6	2	0.5	2030	0.27	<0.05	3.1	0.136	1.19
K309775		250	8.2	51.3	0.005	1.09	1.15	4.8	1	0.7	1670	0.22	<0.05	3.6	0.120	1.79
K309776		320	0.8	6.8	0.002	0.13	0.17	0.9	<1	<0.2	951	0.09	<0.05	0.5	0.046	0.13
K309777		360	0.8	7.2	<0.002	0.09	0.20	1.2	<1	<0.2	1055	0.13	<0.05	0.6	0.067	0.15
K309778		4170	4.4	105.5	0.002	5.26	3.62	11.5	2	1.2	660	2.98	<0.05	5.2	1.295	4.67
K309779		4910	3.5	111.5	0.003	6.67	0.99	12.7	2	1.4	569	3.38	<0.05	6.0	1.485	3.92
K309780		300	1.0	4.1	<0.002	0.12	0.21	0.6	<1	<0.2	1415	<0.05	<0.05	0.4	0.015	0.13
K309781		1200	5.6	22.9	0.002	0.62	0.72	2.6	1	0.4	1800	0.11	<0.05	1.8	0.059	0.66
K309782		1150	5.6	22.9	0.002	0.59	0.77	2.7	2	0.4	1735	0.11	<0.05	1.8	0.055	0.66
K309783		280	9.5	66.1	0.009	1.55	1.21	7.2	2	1.0	1520	0.30	0.06	4.9	0.170	2.86
K309784		290	15.6	115.5	0.008	2.61	1.18	11.1	2	1.6	1170	0.54	0.08	8.2	0.323	4.26
K309785		270	9.3	68.0	0.006	1.31	0.61	6.7	1	0.9	1110	0.31	<0.05	5.0	0.162	2.05
K309786		450	16.5	117.0	0.013	2.49	1.37	11.5	2	1.6	875	0.54	0.09	8.7	0.307	3.67
K309787		280	13.8	107.0	0.008	2.16	1.02	14.4	3	1.6	1110	0.49	0.07	7.2	0.263	2.27
K309788		230	14.2	66.1	0.007	1.29	1.02	9.8	2	1.0	1040	0.29	0.08	4.5	0.155	1.18
K309789		360	8.0	84.4	0.002	2.44	9.79	10.5	2	1.5	683	0.44	0.07	5.4	0.257	9.62
K309790		250	9.4	74.7	0.007	1.50	0.74	9.6	2	1.1	1370	0.34	0.06	4.9	0.197	1.01
K309791		320	7.5	48.2	0.004	0.97	0.52	6.8	2	0.8	1460	0.23	<0.05	3.4	0.120	0.50
K309792		170	1.2	4.9	<0.002	<0.01	0.19	0.3	1	<0.2	53.9	<0.05	<0.05	0.4	<0.005	0.03
K309793		640	5.5	32.7	0.003	0.73	0.57	4.4	2	0.5	1980	0.16	0.06	2.4	0.082	0.28
K309794		210	7.3	49.9	0.004	1.15	1.20	6.6	2	0.8	1610	0.26	0.06	3.9	0.135	0.43

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153549

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K309759		1.8	214	0.9	27.3	92	142.0
K309760		1.8	210	0.9	32.1	219	140.5
K309761		2.4	78	5.8	16.1	48	68.6
K309762		2.3	179	1.4	24.4	96	131.5
K309763		2.3	79	2.0	19.6	102	110.0
K309764		2.1	78	3.0	18.4	301	97.6
K309765		2.4	99	2.1	19.6	80	85.5
K309766		2.1	39	0.9	17.8	37	37.8
K309767		0.9	2	0.1	0.8	18	<0.5
K309768		2.2	34	1.0	18.2	26	33.6
K309769		1.3	211	7.3	32.1	116	133.5
K309770		1.2	178	8.6	29.6	89	143.5
K309771		1.3	201	5.7	31.1	90	134.0
K309772		1.4	23	0.4	10.3	14	22.6
K309773		3.2	37	0.7	16.2	25	36.8
K309774		3.2	33	0.7	17.1	21	34.9
K309775		2.8	37	0.8	13.3	23	34.5
K309776		1.3	9	0.5	4.5	4	8.4
K309777		1.0	12	1.2	5.7	8	10.2
K309778		1.0	172	12.4	27.3	81	109.5
K309779		1.3	197	7.3	32.7	94	139.0
K309780		1.2	5	0.2	4.6	12	5.3
K309781		2.5	19	1.0	11.7	12	21.3
K309782		2.5	18	0.9	11.9	11	21.0
K309783		3.0	56	1.4	18.2	45	46.5
K309784		3.0	97	1.2	23.3	80	84.8
K309785		2.2	51	0.6	16.5	40	49.7
K309786		3.6	98	1.6	25.8	76	84.1
K309787		3.1	86	1.1	27.4	67	86.1
K309788		2.6	54	5.5	27.6	39	54.6
K309789		2.2	73	5.7	17.1	44	71.9
K309790		2.4	63	0.8	22.7	54	62.1
K309791		2.0	37	0.6	18.7	27	43.1
K309792		1.0	2	0.1	0.9	18	0.5
K309793		2.6	25	0.7	17.8	12	29.8
K309794		2.7	41	0.9	22.2	28	45.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153549

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2013
Account: RCM

CERTIFICATE WH13152701

Project: Nadaleen
P.O. No.: 13-052
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152701

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K309795	8.17	<0.01	0.05	3.50	53	320	0.77	0.18	21.3	0.22	51.3	11.3	35	9.40	35.3
K309796	7.81	0.01	0.03	1.36	26	190	0.50	0.07	30.6	0.10	21.2	4.8	13	5.47	14.7
K309797	8.27	<0.01	0.03	1.46	23	180	0.51	0.08	32.2	0.10	23.9	4.8	15	5.20	15.4
K309798	7.96	<0.01	0.02	0.88	12	150	0.39	0.06	32.4	0.06	15.65	3.1	9	3.19	9.9
K309799	8.00	<0.01	0.02	1.15	18	150	0.53	0.07	30.2	0.07	20.7	3.9	12	4.54	12.0
K309800	3.53	<0.01	0.02	1.35	22	160	0.64	0.09	30.9	0.17	23.3	4.6	14	5.33	13.8
K309801	8.03	<0.01	0.14	1.99	44	170	0.62	0.11	28.1	0.10	28.7	6.2	20	7.45	20.3
K309802	7.97	<0.01	0.06	2.70	46	200	0.85	0.13	24.1	0.14	35.8	9.3	28	11.20	28.0
K309803	7.69	<0.01	0.03	1.98	39	180	0.74	0.09	28.8	0.12	28.0	7.7	23	10.70	23.2
K309804	0.22	0.49	0.11	3.61	2520	200	0.89	0.14	18.30	0.13	38.9	10.9	41	9.93	41.6
K309805	7.27	0.01	0.04	1.60	68	160	0.61	0.08	31.5	0.10	24.7	5.3	15	7.16	16.5
K309806	7.93	<0.01	0.04	1.64	86	170	0.61	0.09	30.1	0.11	26.3	5.6	19	6.80	17.4
K309807	7.84	0.95	0.20	2.03	5060	150	0.52	0.09	26.0	0.16	25.9	7.3	20	6.85	19.2
K309808	7.39	<0.01	0.05	2.43	146	1040	0.69	0.12	25.6	0.18	35.6	8.3	25	7.85	25.1
K309809	8.10	<0.01	0.04	1.87	98	160	0.66	0.09	28.4	0.24	27.6	6.8	21	6.12	20.4
K309810	7.57	<0.01	0.02	1.63	78	220	0.54	0.08	29.8	0.19	25.8	5.6	17	5.30	17.3
K309811	<0.02	<0.01	0.02	1.58	70	220	0.56	0.09	29.8	0.18	25.0	5.5	17	5.18	17.0
K309812	6.76	0.01	0.02	2.06	130	210	0.61	0.10	27.3	0.16	28.9	7.1	23	6.78	21.8
K309813	7.03	<0.01	0.02	1.46	101	190	0.48	0.08	30.7	0.12	22.3	5.1	16	5.03	16.0
K309814	7.18	<0.01	0.02	1.03	103	120	0.36	0.05	30.5	0.10	16.10	3.7	11	2.88	11.2
K309815	7.20	0.03	0.02	1.28	97	180	0.40	0.07	32.9	0.14	19.85	4.4	15	3.33	13.8
K309816	6.69	<0.01	0.03	2.09	92	190	0.59	0.11	27.9	0.18	30.3	7.1	22	6.31	21.2
K309817	4.58	<0.01	0.05	2.77	152	250	0.74	0.14	25.3	0.19	38.2	9.9	27	9.25	28.4
K309818	6.12	1.54	0.66	1.57	2660	140	0.34	0.08	28.6	0.74	24.8	5.4	16	4.55	16.8
K309819	3.95	1.28	0.42	1.74	>10000	110	0.38	0.09	28.3	0.10	23.5	6.4	17	4.85	16.4
K309820	4.91	<0.01	0.01	0.05	27	30	0.06	0.02	21.4	0.07	1.18	0.7	<1	0.21	1.6
K309821	7.39	<0.01	0.02	1.85	140	120	0.58	0.09	28.1	0.04	24.2	6.8	17	5.74	15.1
K309822	7.20	<0.01	0.03	1.58	60	110	0.49	0.08	29.4	0.06	23.5	6.1	15	3.96	16.9
K309823	6.98	<0.01	0.02	1.46	25	200	0.54	0.08	29.9	0.10	21.4	5.6	14	4.26	13.5
K309824	6.94	<0.01	0.01	1.18	23	160	0.40	0.06	32.1	0.10	15.85	4.1	12	3.26	11.5
K309825	0.21	0.47	0.08	3.55	2540	190	0.91	0.14	17.95	0.10	37.9	10.5	42	9.67	40.5
K309826	7.16	<0.01	0.01	0.75	18	140	0.28	0.04	33.5	0.03	11.05	2.6	9	2.12	10.0
K309827	6.94	<0.01	0.02	0.88	20	120	0.31	0.05	32.3	0.39	12.20	2.9	9	2.18	8.7
K309828	4.96	<0.01	<0.01	0.09	<5	30	0.07	0.02	21.0	0.07	1.28	0.6	<1	1.01	1.7
K309829	7.25	<0.01	0.03	1.88	57	120	0.64	0.10	27.0	0.07	26.0	6.6	18	4.92	19.2
K309830	7.62	0.01	0.03	3.03	62	150	1.00	0.14	22.6	0.09	36.8	12.6	26	7.93	27.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152701

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K309795		2.18	9.25	0.12	1.8	0.59	0.042	1.55	28.8	10.9	1.22	352	0.96	0.03	4.9	22.1
K309796		0.96	3.87	0.09	0.7	0.24	0.018	0.62	10.8	6.5	0.70	276	0.69	0.02	2.0	8.9
K309797		1.04	3.98	0.11	0.8	0.15	0.014	0.67	11.4	6.0	0.84	272	0.61	0.02	2.0	9.3
K309798		0.74	2.44	0.08	0.5	0.07	0.007	0.40	7.8	3.7	0.77	313	0.47	0.01	1.3	5.8
K309799		1.04	3.18	0.08	0.6	0.12	0.012	0.53	10.0	4.3	0.75	402	0.54	0.01	1.6	7.2
K309800		1.12	3.78	0.10	0.7	0.14	0.016	0.63	11.5	4.8	0.78	416	0.67	0.01	1.9	8.6
K309801		1.47	5.38	0.12	1.0	0.38	0.021	0.89	14.7	6.8	0.93	562	0.91	0.02	2.8	13.0
K309802		1.90	7.32	0.14	1.4	0.23	0.028	1.23	17.6	9.3	1.04	469	0.91	0.02	3.8	17.4
K309803		1.60	5.27	0.14	1.2	0.29	0.023	0.89	13.8	7.4	0.73	421	0.51	0.02	2.8	14.4
K309804		2.95	9.80	0.12	1.9	3.75	0.031	1.63	19.3	10.0	1.34	1160	1.64	0.02	5.8	25.1
K309805		1.17	4.41	0.11	0.8	0.67	0.016	0.72	12.3	6.5	0.81	382	0.46	0.01	2.3	9.8
K309806		1.18	4.42	0.11	0.9	1.55	0.018	0.74	12.7	6.3	0.69	413	0.38	0.01	2.4	12.1
K309807		2.12	5.90	0.08	1.0	3.89	0.027	0.88	12.0	7.4	1.79	1180	0.49	0.01	2.9	11.7
K309808		1.90	6.84	0.11	1.4	2.71	0.024	1.09	18.2	8.5	1.45	460	0.95	0.02	3.5	15.8
K309809		1.35	5.14	0.13	1.1	1.71	0.029	0.85	12.9	6.8	0.72	347	0.53	0.02	2.7	12.3
K309810		1.19	4.36	0.12	0.9	1.09	0.018	0.74	12.0	5.6	0.64	274	0.55	0.02	2.3	10.6
K309811		1.14	4.36	0.12	0.8	1.00	0.020	0.72	11.8	5.5	0.63	271	0.55	0.01	2.3	10.2
K309812		1.50	5.66	0.11	1.0	3.38	0.025	0.92	14.2	6.9	0.75	455	0.56	0.01	2.9	13.4
K309813		1.11	4.05	0.11	0.8	3.04	0.016	0.65	10.8	5.2	0.64	361	0.57	0.01	2.1	9.8
K309814		0.86	2.74	0.11	0.6	2.19	0.014	0.44	7.8	3.4	0.43	536	0.27	0.01	1.5	6.7
K309815		0.96	3.57	0.09	0.7	2.35	0.011	0.56	9.5	4.0	0.52	466	0.46	0.01	1.8	8.2
K309816		1.49	5.55	0.12	1.1	3.29	0.022	0.93	14.6	7.1	0.69	364	0.67	0.02	3.0	12.7
K309817		1.96	7.50	0.16	1.4	4.81	0.031	1.24	19.7	9.3	0.89	484	0.74	0.02	3.8	17.8
K309818		1.20	4.26	0.10	0.8	9.29	0.024	0.53	12.1	7.1	0.40	1340	0.63	0.01	2.1	9.6
K309819		1.26	4.86	0.08	0.8	5.46	0.019	0.73	12.9	4.6	0.58	1910	0.51	0.01	2.3	9.9
K309820		0.48	0.20	0.09	<0.1	0.01	<0.005	0.02	0.6	1.0	12.60	219	0.13	<0.01	0.1	1.8
K309821		1.27	4.87	0.12	1.1	1.39	0.019	0.85	13.3	4.8	0.86	362	0.53	0.01	2.6	10.2
K309822		1.25	4.28	0.12	0.8	0.40	0.015	0.75	13.4	4.5	0.87	520	0.94	0.01	2.1	10.4
K309823		1.06	4.06	0.13	0.9	0.49	0.015	0.69	11.4	4.7	0.63	268	0.40	0.01	2.2	8.4
K309824		0.86	3.23	0.14	0.6	0.62	0.016	0.55	9.1	4.0	0.51	254	0.22	0.01	1.7	6.9
K309825		2.89	9.47	0.11	1.9	3.69	0.033	1.64	19.7	9.6	1.32	1160	1.55	0.02	5.6	23.9
K309826		0.68	2.08	0.10	0.4	0.62	0.011	0.33	6.1	2.4	0.47	240	0.17	0.01	1.1	4.4
K309827		0.79	2.43	0.09	0.4	0.67	0.008	0.39	6.7	3.0	0.70	277	0.32	0.01	1.2	5.1
K309828		0.46	0.37	0.12	<0.1	0.01	<0.005	0.05	0.6	1.7	12.30	204	0.14	0.01	0.4	1.7
K309829		1.55	5.21	0.15	0.9	1.49	0.019	0.88	14.7	4.9	1.21	347	0.71	0.01	2.6	11.3
K309830		2.06	8.70	0.10	1.5	0.92	0.028	1.39	19.9	6.9	1.10	661	0.55	0.02	4.5	19.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152701

Sample Description / Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K309795	280	12.8	75.2	0.007	1.77	2.44	9.5	2	1.1	1320	0.36	0.07	5.8	0.204	0.59
K309796	230	4.9	29.6	0.002	0.74	0.52	3.9	1	0.4	2180	0.15	0.06	2.3	0.083	0.33
K309797	1530	5.6	29.3	0.002	0.85	0.30	4.3	1	0.5	2110	0.14	<0.05	2.5	0.087	0.35
K309798	1290	4.0	18.1	0.002	0.49	0.25	2.6	1	0.3	1910	0.09	<0.05	1.6	0.051	0.43
K309799	600	4.7	23.5	0.002	0.65	0.31	3.6	1	0.4	1960	0.12	<0.05	2.0	0.067	1.33
K309800	360	5.4	27.7	0.003	0.75	0.36	4.0	1	0.4	1990	0.14	0.05	2.3	0.079	1.59
K309801	240	7.5	41.3	0.004	1.07	0.49	5.7	1	0.6	1830	0.20	<0.05	3.2	0.114	2.83
K309802	230	9.5	57.1	0.003	1.46	0.62	7.8	1	0.8	1550	0.28	<0.05	4.2	0.181	4.06
K309803	960	7.8	39.2	0.002	1.29	0.54	6.0	1	0.6	1840	0.20	<0.05	3.0	0.152	2.40
K309804	390	8.7	80.0	<0.002	2.54	8.80	9.1	1	1.4	703	0.43	0.05	5.6	0.264	10.80
K309805	210	8.4	32.8	0.003	0.89	0.75	4.7	1	0.5	1810	0.16	<0.05	2.6	0.097	2.14
K309806	700	8.6	33.4	<0.002	0.99	0.76	4.5	1	0.5	1800	0.18	<0.05	2.7	0.106	2.52
K309807	300	10.7	38.8	<0.002	1.54	13.10	5.8	1	0.6	1320	0.20	0.07	2.8	0.126	8.65
K309808	270	11.6	52.5	0.004	1.32	1.40	6.3	2	0.8	1650	0.26	0.05	3.9	0.150	4.92
K309809	790	8.9	38.5	0.002	1.04	0.77	5.2	1	0.6	1930	0.20	0.05	3.0	0.124	3.09
K309810	690	6.7	33.3	0.003	0.94	0.57	4.5	1	0.6	2540	0.17	<0.05	2.7	0.100	2.74
K309811	660	6.5	32.9	0.004	0.92	0.49	4.4	2	0.5	2460	0.17	<0.05	2.7	0.098	2.75
K309812	210	7.2	41.4	0.002	1.20	1.12	5.7	1	0.7	1540	0.22	<0.05	3.3	0.135	5.40
K309813	560	4.9	29.2	0.002	0.93	0.87	4.5	1	0.5	1940	0.15	<0.05	2.4	0.090	4.70
K309814	290	3.4	20.0	0.003	0.72	0.97	3.2	<1	0.3	1530	0.11	<0.05	1.7	0.067	4.13
K309815	1260	5.0	24.9	0.002	0.82	1.47	3.8	1	0.4	2210	0.13	<0.05	2.2	0.079	4.59
K309816	440	6.9	42.3	0.005	1.28	0.94	5.5	1	0.7	1700	0.22	<0.05	3.4	0.128	4.34
K309817	320	8.6	57.6	0.003	1.65	1.02	7.5	2	0.9	1660	0.28	<0.05	4.4	0.180	5.20
K309818	420	8.8	24.1	0.003	1.32	9.49	5.0	1	0.5	1160	0.16	0.07	2.5	0.088	15.95
K309819	300	9.1	32.6	0.002	1.84	22.2	4.5	2	0.6	961	0.17	0.05	2.7	0.093	15.25
K309820	190	1.3	1.1	<0.002	<0.01	0.12	0.2	<1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	0.09
K309821	170	6.3	37.6	0.003	0.92	0.45	4.7	<1	0.6	1240	0.19	0.06	3.2	0.108	3.68
K309822	180	5.5	31.8	0.004	0.87	0.41	4.6	1	0.5	1350	0.15	0.05	2.6	0.091	2.71
K309823	130	6.1	30.3	0.002	0.93	0.73	4.2	1	0.5	1400	0.15	<0.05	2.5	0.089	2.00
K309824	160	6.9	23.5	0.002	0.81	1.21	3.1	<1	0.4	1570	0.12	<0.05	2.0	0.068	1.47
K309825	380	8.6	78.4	0.003	2.49	8.49	8.8	1	1.3	689	0.43	<0.05	5.6	0.257	10.75
K309826	210	5.6	14.6	<0.002	0.64	1.06	2.1	1	0.2	1400	0.07	<0.05	1.3	0.042	1.01
K309827	270	5.9	16.4	0.003	0.63	0.99	2.4	1	0.3	1350	0.09	<0.05	1.4	0.049	0.97
K309828	200	1.3	5.8	<0.002	<0.01	0.09	0.2	<1	<0.2	59.4	<0.05	<0.05	<0.2	<0.005	0.06
K309829	360	14.2	37.3	0.002	1.21	2.48	4.7	<1	0.6	1030	0.19	<0.05	3.1	0.106	1.70
K309830	190	14.1	64.1	0.002	1.44	2.65	8.0	2	1.0	693	0.33	<0.05	5.1	0.180	1.19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152701

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
K309795		3.5	60	2.1	25.2	49	60.8	
K309796		2.3	25	0.5	15.4	17	23.9	
K309797		3.1	27	0.4	19.0	13	28.1	
K309798		2.2	16	0.3	13.5	7	19.4	
K309799		2.1	21	0.3	17.0	13	22.3	
K309800		2.0	25	0.4	16.0	24	24.8	
K309801		2.0	37	0.5	18.3	23	33.0	
K309802		2.5	54	0.5	18.9	34	47.0	
K309803		2.6	42	0.6	19.1	27	36.3	
K309804		2.3	74	5.4	15.6	47	64.4	
K309805		2.3	29	1.1	17.0	19	26.4	
K309806		2.2	30	0.8	16.5	18	30.1	
K309807		1.9	43	1.4	16.4	30	32.4	
K309808		2.8	44	3.0	20.9	34	42.8	
K309809		2.6	35	2.0	16.5	33	34.3	
K309810		2.8	29	1.2	17.1	33	29.0	
K309811		2.8	28	1.2	16.9	33	28.4	
K309812		1.9	39	1.4	17.5	36	33.9	
K309813		2.3	27	1.4	16.2	22	26.2	
K309814		1.5	18	1.4	12.6	17	18.9	
K309815		2.9	23	1.5	16.2	19	24.5	
K309816		2.7	36	1.3	18.9	32	35.5	
K309817		2.6	52	1.3	19.5	44	47.3	
K309818		2.8	28	1.6	18.0	119	25.4	
K309819		2.3	29	1.6	14.7	25	26.9	1.470
K309820		0.6	2	0.1	0.8	19	<0.5	
K309821		2.2	29	0.7	11.6	29	32.6	
K309822		2.5	29	0.3	13.4	23	26.7	
K309823		2.0	23	0.5	13.0	38	28.0	
K309824		2.0	18	0.8	10.2	18	21.0	
K309825		2.3	72	5.5	15.1	47	61.5	
K309826		1.6	12	0.7	9.1	7	13.5	
K309827		1.7	13	0.7	8.5	40	15.3	
K309828		0.6	2	0.1	0.8	18	0.5	
K309829		2.4	31	1.6	12.8	15	30.5	
K309830		1.7	47	2.1	15.3	44	53.9	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13152701

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

Interference: Samples with Ca> 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU- 31	CRU- QC	LOG- 22	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

CERTIFICATE WH13153662

Project: Nadaleen

P.O. No.: 13-053

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153662

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K309831		6.88	<0.01	0.03	3.13	32	160	1.05	0.16	25.4	0.08	35.7	10.7	27	9.07	23.4
K309832		6.53	<0.01	0.05	3.70	17	200	1.22	0.18	19.15	0.13	42.0	14.3	34	13.05	30.3
K309833		7.05	<0.01	0.03	3.30	21	150	1.15	0.18	22.3	0.08	37.4	12.0	28	12.75	24.5
K309834		6.40	<0.01	0.05	3.27	83	140	1.09	0.18	22.6	0.10	39.0	13.8	29	9.83	26.8
K309835		4.96	<0.01	0.02	0.07	<5	40	0.07	0.02	20.4	0.08	1.36	1.3	1	0.29	1.5
K309836		7.23	<0.01	0.03	2.45	144	130	0.68	0.13	25.3	0.14	30.0	9.6	24	5.98	18.5
K309837		7.27	0.01	0.02	0.69	14	120	0.26	0.04	32.2	0.65	13.75	3.6	8	2.24	8.5
K309838		7.31	<0.01	0.03	1.48	32	120	0.47	0.08	29.4	0.09	25.0	6.3	15	5.73	17.1
K309839		<0.02	0.01	0.04	1.51	39	120	0.52	0.09	28.1	0.09	24.1	5.7	15	5.53	16.3
K309840		7.31	0.01	0.01	0.50	26	120	0.20	0.04	31.1	0.09	9.75	2.0	6	1.44	6.2
K309841		7.47	<0.01	0.02	0.34	19	80	0.17	0.03	32.0	0.05	7.15	1.3	4	0.92	4.3
K309842		7.09	0.01	0.02	0.46	33	90	0.20	0.04	30.0	0.09	8.42	1.7	6	1.25	5.3
K309843		7.26	<0.01	0.02	0.53	29	140	0.26	0.04	34.7	0.06	9.30	1.9	6	1.43	5.9
K309844		7.30	0.01	0.03	0.95	1340	120	0.33	0.07	28.8	0.17	16.25	3.3	10	2.66	10.6
K309845		7.66	<0.01	0.02	0.44	22	70	0.18	0.04	30.8	0.34	8.75	1.7	8	1.20	5.2
K309846		7.63	0.01	0.08	1.22	49	110	0.44	0.08	29.6	0.14	19.55	3.9	16	3.71	13.2
K309847		0.28	0.50	0.11	3.49	2410	200	0.93	0.14	17.55	0.15	36.5	10.1	42	9.40	39.0
K309848		7.33	0.01	0.02	0.44	23	120	0.23	0.04	33.7	0.07	7.56	1.5	5	1.01	4.8
K309849		7.32	0.01	0.02	0.99	38	120	0.42	0.07	30.6	0.10	16.80	3.1	11	3.01	10.1
K309850		8.28	<0.01	0.03	1.28	40	140	0.50	0.07	28.8	0.12	19.40	3.9	14	4.85	13.1
K309851		7.59	0.01	0.03	1.04	45	110	0.42	0.06	29.9	0.16	17.15	3.3	11	3.05	11.3
K309852		8.23	0.01	0.02	0.44	18	120	0.21	0.03	33.0	0.10	8.31	1.5	6	1.18	4.8
K309853		3.60	<0.01	0.01	0.40	14	120	0.21	0.03	33.3	0.06	7.88	1.3	6	1.22	4.4
K309854		7.60	0.01	0.05	2.58	90	210	0.71	0.13	26.8	0.25	33.1	8.0	21	11.55	34.2
K309855		7.60	0.01	0.02	0.69	63	130	0.30	0.05	31.3	0.21	11.60	2.3	8	1.55	8.0
K309856		7.32	0.01	0.04	1.74	111	150	0.66	0.09	27.2	0.17	26.4	5.5	21	5.55	18.1
K309857		6.72	0.01	0.09	1.92	122	150	0.61	0.10	26.0	0.14	27.6	6.2	21	5.91	20.2
K309876		5.21	0.01	0.09	8.16	31.8	630	3.12	0.28	3.46	0.12	105.0	13.6	66	39.1	34.9
K309877		6.88	0.01	0.03	0.07	<5	50	0.06	0.03	19.65	0.07	1.26	0.6	1	0.27	1.8
K309878		6.83	0.01	0.14	8.85	348	760	2.91	0.29	2.88	0.48	116.0	14.4	65	33.3	39.1
K309879		10.32	0.01	0.12	0.95	70	240	0.66	0.06	15.90	0.29	15.50	5.1	9	3.13	15.7
K309880		10.71	0.01	0.13	8.31	72.8	350	3.09	0.28	2.85	0.48	105.5	13.5	60	49.3	40.5
K309881		0.28	0.48	0.11	3.36	2340	190	0.87	0.14	16.85	0.13	36.0	9.9	41	9.28	38.8
K309882		10.89	0.01	0.09	8.41	159.0	350	3.52	0.24	2.13	0.59	98.0	13.9	65	51.1	39.6
K309883		10.25	0.01	0.08	7.78	52.7	300	3.32	0.24	2.87	0.06	90.9	14.4	56	45.9	36.2
K309884		6.98	0.01	0.08	8.22	58.4	300	3.62	0.32	1.19	0.07	90.3	18.7	61	46.8	50.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153662

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K309831		1.95	7.95	0.11	1.4	0.51	0.042	1.53	19.6	7.0	1.01	632	0.32	0.02	4.4	15.5
K309832		2.66	10.55	0.11	1.8	0.71	0.044	1.73	20.9	8.3	1.70	734	0.52	0.02	5.7	23.4
K309833		2.11	9.12	0.10	1.6	0.39	0.041	1.54	18.6	8.3	1.07	887	0.30	0.02	5.2	18.8
K309834		2.28	9.19	0.12	1.5	0.99	0.044	1.51	21.6	7.2	1.16	683	0.42	0.02	5.0	21.8
K309835		0.46	0.31	0.05	<0.1	<0.01	<0.005	0.03	0.6	1.2	12.70	201	0.07	0.01	0.4	4.0
K309836		1.80	7.04	0.10	1.2	1.36	0.030	1.12	15.7	5.5	1.25	515	0.49	0.01	3.7	15.3
K309837		0.84	2.23	0.07	0.3	0.67	0.010	0.31	7.2	2.7	1.30	333	0.33	0.01	1.1	8.0
K309838		1.21	4.44	0.08	0.7	0.76	0.020	0.67	13.3	6.0	1.28	287	0.94	0.01	2.3	12.7
K309839		1.22	4.16	0.14	0.8	0.80	0.023	0.70	13.0	6.0	1.27	291	0.94	0.01	2.1	9.7
K309840		0.69	1.42	0.12	0.3	0.60	0.012	0.23	5.1	2.2	1.27	277	0.29	0.01	0.7	3.2
K309841		0.51	0.97	0.13	0.2	0.27	0.008	0.16	3.6	1.6	1.61	267	0.17	0.01	0.5	2.0
K309842		0.51	1.28	0.12	0.3	0.56	0.006	0.22	4.4	2.2	3.06	260	0.28	0.01	0.7	2.7
K309843		0.43	1.42	0.12	0.3	0.58	0.006	0.24	4.8	2.7	0.55	253	0.29	0.01	0.7	3.1
K309844		0.79	2.49	0.14	0.5	1.16	0.010	0.45	7.9	3.8	2.24	253	0.46	0.01	1.3	6.0
K309845		0.59	1.28	0.11	0.3	0.07	0.007	0.21	4.2	1.9	1.45	250	0.20	0.01	0.6	2.7
K309846		0.86	3.34	0.19	0.7	0.39	0.014	0.58	9.6	5.1	0.77	276	0.77	0.01	1.7	7.6
K309847		2.88	8.78	0.18	1.9	3.87	0.035	1.64	18.2	9.2	1.36	1160	1.47	0.02	5.6	23.5
K309848		0.40	1.17	0.15	0.2	0.42	0.005	0.20	3.6	1.9	0.57	194	0.19	0.01	0.6	2.6
K309849		0.77	2.53	0.13	0.5	0.18	0.008	0.46	8.0	4.1	0.66	221	0.42	0.01	1.4	5.8
K309850		0.89	3.26	0.15	0.7	0.33	0.013	0.60	9.1	5.2	1.06	299	0.62	0.02	1.8	7.9
K309851		0.77	2.70	0.15	0.6	0.64	0.013	0.49	8.0	4.4	1.12	388	0.80	0.01	1.4	6.4
K309852		0.42	1.10	0.12	0.2	0.16	0.007	0.21	4.1	2.1	0.71	285	0.30	0.01	0.6	2.8
K309853		0.40	1.04	0.12	0.2	0.12	0.005	0.19	3.8	2.1	0.65	293	0.32	0.01	0.6	2.5
K309854		1.48	6.66	0.14	1.2	1.10	0.024	1.22	17.7	9.7	1.05	207	1.60	0.02	3.5	16.3
K309855		0.64	1.83	0.12	0.4	1.17	0.007	0.32	6.0	2.5	0.95	625	0.44	0.01	0.9	4.4
K309856		1.25	4.46	0.17	1.1	2.31	0.017	0.81	13.3	6.6	1.21	471	1.09	0.02	2.4	10.9
K309857		1.36	4.88	0.15	1.0	1.94	0.023	0.89	14.0	7.0	1.31	404	1.26	0.02	2.7	12.0
K309876		3.71	21.1	0.27	3.6	0.81	0.070	3.78	52.4	23.2	2.22	496	2.83	0.04	11.5	31.2
K309877		0.46	0.23	0.13	<0.1	<0.01	0.005	0.03	0.6	1.1	12.55	202	0.14	0.01	0.2	1.8
K309878		3.60	23.7	0.28	4.0	1.42	0.072	4.08	58.9	21.7	1.92	434	3.52	0.04	12.6	36.3
K309879		1.87	2.51	0.15	0.4	0.28	0.013	0.43	6.6	4.1	9.19	3190	3.29	0.01	1.6	9.4
K309880		3.61	22.1	0.24	3.7	2.38	0.073	3.95	52.0	22.7	1.89	551	3.56	0.04	12.3	36.8
K309881		2.76	8.71	0.15	1.9	3.99	0.035	1.60	18.1	9.0	1.32	1120	1.39	0.02	5.5	23.4
K309882		3.65	22.8	0.24	3.5	2.01	0.068	4.17	47.4	25.4	1.51	378	3.68	0.04	11.7	35.0
K309883		3.73	21.7	0.22	3.5	1.81	0.067	3.73	43.8	25.0	1.83	688	2.97	0.04	11.3	33.7
K309884		3.62	23.3	0.24	3.5	0.87	0.067	4.09	42.3	17.1	1.11	439	2.09	0.04	12.0	40.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153662

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K309831		220	10.3	61.7	<0.002	1.15	0.57	7.6	1	1.0	918	0.32	0.14	4.8	0.175	0.91
K309832		210	29.5	83.1	<0.002	1.62	0.46	10.2	2	1.1	601	0.46	0.07	6.3	0.220	1.01
K309833		210	19.1	72.5	<0.002	1.24	0.63	8.7	1	1.0	755	0.43	0.08	5.8	0.186	0.80
K309834		230	17.4	70.6	0.002	1.37	2.58	8.9	2	1.0	768	0.39	0.10	5.6	0.179	0.90
K309835		150	4.5	2.1	<0.002	<0.01	<0.05	0.2	1	<0.2	54.3	<0.05	<0.05	<0.2	<0.005	<0.02
K309836		200	13.8	50.2	0.002	1.17	2.16	6.6	2	0.7	948	0.29	0.05	4.2	0.139	1.04
K309837		440	7.9	14.5	<0.002	0.47	0.31	2.2	2	0.2	1240	0.08	<0.05	1.3	0.036	0.30
K309838		220	13.9	31.9	0.003	0.99	0.64	4.0	2	0.4	1250	0.18	<0.05	2.7	0.081	0.56
K309839		220	12.6	29.9	0.005	1.03	0.66	3.7	1	0.5	1230	0.15	0.05	2.6	0.086	0.55
K309840		100	5.3	9.4	0.004	0.41	0.31	1.5	1	0.2	1130	0.06	<0.05	0.9	0.030	0.17
K309841		290	3.7	6.2	0.003	0.29	0.23	1.1	1	<0.2	1120	<0.05	<0.05	0.6	0.019	0.12
K309842		300	3.4	8.6	0.004	0.32	0.25	1.4	1	0.2	1170	0.05	<0.05	0.8	0.027	0.19
K309843		140	3.0	9.8	0.003	0.38	0.29	1.5	1	0.2	1880	0.06	<0.05	0.9	0.031	0.25
K309844		290	7.0	18.1	0.004	0.72	1.46	2.7	1	0.3	1410	0.10	<0.05	1.6	0.055	0.64
K309845		530	4.2	8.3	0.003	0.29	0.28	1.2	1	<0.2	1180	0.05	<0.05	0.8	0.024	0.15
K309846		140	7.4	24.2	0.005	0.79	0.55	3.0	1	0.6	1520	0.12	<0.05	2.1	0.070	0.41
K309847		360	8.4	72.9	0.004	2.49	8.50	8.6	1	1.3	675	0.40	0.06	5.1	0.261	9.47
K309848		310	2.5	8.4	0.003	0.29	0.26	1.3	<1	0.2	1830	<0.05	<0.05	0.8	0.025	0.19
K309849		250	4.0	18.6	0.004	0.66	0.42	2.8	1	0.3	1800	0.10	<0.05	1.7	0.057	0.37
K309850		450	5.0	24.9	0.007	0.77	0.49	3.0	1	0.4	1390	0.13	<0.05	2.1	0.071	0.48
K309851		350	4.0	20.1	0.005	0.66	0.61	2.7	1	0.3	1350	0.11	<0.05	1.7	0.057	1.00
K309852		780	2.2	8.2	0.004	0.30	0.21	1.5	1	<0.2	1850	0.05	<0.05	0.7	0.025	0.41
K309853		890	2.2	7.5	0.003	0.28	0.19	1.4	1	<0.2	1900	<0.05	<0.05	0.7	0.022	0.33
K309854		470	9.0	49.8	0.007	1.44	0.93	5.2	2	0.8	1500	0.25	<0.05	4.0	0.145	3.54
K309855		320	3.2	12.7	0.004	0.44	0.48	2.3	1	0.3	1560	0.07	<0.05	1.2	0.039	2.01
K309856		410	6.6	34.0	0.007	1.06	0.85	4.7	1	0.6	1590	0.17	<0.05	2.8	0.097	4.25
K309857		360	8.8	37.2	0.007	1.21	1.20	4.8	1	0.6	1440	0.19	<0.05	3.0	0.110	3.67
K309876		1000	17.6	156.0	0.012	2.49	0.67	13.5	2	2.8	317	0.89	0.06	18.7	0.354	1.91
K309877		180	1.6	1.4	0.002	0.01	0.06	0.2	<1	<0.2	50.9	<0.05	<0.05	<0.2	0.005	0.02
K309878		700	24.8	165.0	0.012	3.19	0.81	15.3	2	3.0	330	1.02	<0.05	20.6	0.380	4.19
K309879		200	7.8	16.7	0.006	0.86	0.32	2.0	1	0.4	451	0.12	<0.05	1.9	0.045	2.15
K309880		690	26.4	147.0	0.010	3.35	0.79	14.4	2	2.7	181.5	0.97	<0.05	17.9	0.362	3.60
K309881		350	8.4	72.2	0.004	2.38	8.38	8.5	1	1.3	649	0.41	0.07	5.2	0.253	9.59
K309882		550	27.4	145.0	0.010	3.44	0.83	14.5	3	2.8	151.5	0.93	0.05	17.4	0.370	3.55
K309883		470	20.1	123.0	0.008	3.48	0.53	13.5	2	2.6	124.5	0.87	<0.05	15.6	0.331	2.40
K309884		450	18.2	137.5	0.006	3.64	0.73	15.1	1	2.7	87.3	0.93	0.05	15.6	0.363	2.15

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153662

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K309831		1.9	48	0.6	15.6	46	50.5
K309832		1.9	59	0.9	18.2	90	65.9
K309833		2.1	51	1.2	14.9	58	59.1
K309834		2.7	50	4.4	18.1	59	58.1
K309835		0.7	2	0.1	0.9	21	0.5
K309836		2.3	38	3.2	15.0	40	44.3
K309837		2.6	11	0.3	12.4	103	12.3
K309838		3.9	24	0.4	16.7	12	25.9
K309839		3.5	25	0.3	15.3	8	24.7
K309840		1.5	9	0.2	10.3	4	9.4
K309841		1.4	6	0.1	8.7	<2	7.0
K309842		1.5	8	0.2	8.8	22	8.5
K309843		1.7	9	0.2	9.0	2	10.2
K309844		2.7	16	0.4	13.5	13	16.4
K309845		1.6	7	0.1	8.5	25	8.8
K309846		2.6	21	0.4	13.2	14	20.0
K309847		2.2	72	4.7	15.2	42	62.3
K309848		1.6	8	0.2	8.4	2	8.5
K309849		2.2	17	0.3	12.6	12	16.8
K309850		2.2	22	0.4	10.1	15	21.3
K309851		2.2	19	0.4	10.9	17	18.3
K309852		2.0	8	0.2	9.8	4	9.6
K309853		1.9	8	0.1	9.6	2	9.2
K309854		3.5	43	0.8	16.2	36	42.1
K309855		1.8	13	0.6	10.3	15	13.0
K309856		2.7	32	1.4	18.8	23	31.6
K309857		2.9	36	1.5	16.0	18	33.4
K309876		3.7	141	1.4	26.3	61	113.0
K309877		0.8	2	0.1	0.8	15	0.8
K309878		4.1	171	1.8	40.4	149	123.5
K309879		1.9	46	0.6	7.5	17	15.1
K309880		3.5	150	1.5	25.6	155	120.5
K309881		2.2	68	4.8	17.2	41	62.7
K309882		3.5	149	2.0	23.6	201	111.5
K309883		3.2	129	1.8	22.6	40	106.0
K309884		2.7	98	1.8	21.3	42	108.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 16-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13153662

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

CERTIFICATE WH13153663

Project: Nadaleen

P.O. No.: 13-054

This report is for 18 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153663

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K309858		6.90	0.27	0.10	5.94	746	230	1.60	0.23	1.93	0.24	57.7	16.4	83	16.45	53.5
K309859		7.42	0.73	0.08	6.77	1090	270	1.66	0.23	2.11	0.24	61.0	18.0	87	19.60	59.3
K309860		6.89	<0.01	0.07	7.50	185.0	220	2.71	0.29	1.45	0.04	72.5	22.4	82	44.7	52.3
K309861		6.28	4.44	0.07	7.06	1485	260	2.05	0.32	1.85	0.31	74.4	14.6	70	22.5	45.4
K309862		6.54	0.29	0.06	7.20	380	250	2.23	0.36	2.18	0.35	77.3	8.4	68	30.3	41.8
K309863		6.55	0.01	0.06	5.84	144.5	250	1.85	0.30	2.86	0.15	73.9	8.0	57	23.9	36.3
K309864		0.26	0.45	0.10	3.56	2420	200	0.94	0.16	17.90	0.12	39.3	10.9	42	10.05	43.4
K309865		5.57	7.19	0.10	6.70	7700	490	1.85	0.34	1.09	0.30	65.7	16.5	64	15.75	50.1
K309866		<0.02	7.71	0.10	6.78	8210	510	1.77	0.32	1.09	0.35	65.0	16.1	66	15.75	49.9
K309867		6.10	0.65	0.10	7.77	2370	360	2.26	0.35	2.74	0.14	74.2	18.5	72	21.1	59.3
K309868		8.11	0.06	0.06	5.67	212	180	1.51	0.23	3.66	0.15	54.5	17.3	59	18.65	50.7
K309869		8.22	0.09	0.06	5.78	307	230	1.63	0.23	4.16	0.07	54.7	16.7	60	17.45	49.8
K309870		6.83	0.75	0.07	4.73	1045	170	1.47	0.21	1.95	0.06	46.2	14.8	63	14.85	38.9
K309871		8.04	0.01	0.08	5.75	56.5	260	1.76	0.22	2.06	0.12	53.4	21.3	69	32.4	51.8
K309872		8.01	0.39	0.08	6.47	565	260	1.77	0.29	2.60	0.09	64.1	17.9	67	19.10	51.4
K309873		7.72	1.44	0.09	6.65	953	240	1.82	0.31	4.08	0.22	66.8	20.1	63	21.7	54.9
K309874		7.54	0.03	0.06	5.89	177.0	250	1.73	0.28	5.63	0.48	58.0	16.3	56	24.8	49.4
K309875		5.24	<0.01	0.01	0.05	<5	30	0.05	0.01	19.75	0.05	1.01	0.6	1	0.10	1.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153663

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K309858		5.30	15.75	0.17	3.1	3.97	0.071	2.71	25.4	26.3	1.14	435	0.94	0.03	8.9	36.5
K309859		5.57	17.95	0.18	3.3	5.21	0.064	3.25	27.0	18.5	1.25	661	0.94	0.03	9.7	38.8
K309860		4.66	20.9	0.16	3.2	1.30	0.079	3.56	36.6	23.6	1.06	424	0.26	0.03	10.1	36.8
K309861		4.32	19.90	0.19	3.6	6.04	0.051	3.34	37.2	13.1	1.13	915	1.06	0.03	11.7	30.9
K309862		4.00	19.70	0.21	3.8	1.48	0.069	3.38	38.1	15.3	1.26	631	1.07	0.03	13.1	27.9
K309863		3.68	16.00	0.16	3.2	0.41	0.055	2.72	36.9	19.8	1.34	751	0.89	0.03	10.5	25.7
K309864		2.89	9.92	0.14	1.9	3.75	0.037	1.64	18.6	8.8	1.37	1120	1.68	0.02	6.1	25.0
K309865		5.21	19.60	0.19	3.4	17.5	0.055	3.15	32.3	13.5	0.87	467	0.77	0.02	9.7	36.5
K309866		5.30	19.15	0.17	3.1	18.3	0.060	3.20	32.0	13.7	0.88	478	0.73	0.02	9.8	36.3
K309867		5.29	21.5	0.17	3.7	5.71	0.070	3.74	35.9	14.5	1.71	488	1.10	0.03	11.3	42.8
K309868		4.45	15.65	0.16	2.9	0.58	0.061	2.65	26.6	30.0	2.02	697	0.62	0.03	9.9	36.1
K309869		4.43	15.40	0.16	3.1	0.41	0.047	2.63	27.0	22.9	2.20	814	0.33	0.02	9.5	33.7
K309870		3.80	12.95	0.13	2.5	2.59	0.042	2.17	22.4	20.7	1.08	493	0.59	0.02	7.7	30.3
K309871		4.92	15.55	0.15	3.3	0.18	0.062	2.59	26.4	80.5	2.11	537	0.41	0.08	9.3	37.7
K309872		4.63	18.40	0.18	3.3	1.43	0.066	3.09	31.5	17.0	1.34	700	0.51	0.03	10.1	35.8
K309873		4.52	19.30	0.20	3.4	2.89	0.064	3.14	32.3	16.0	2.16	904	0.48	0.03	11.1	38.6
K309874		4.67	16.35	0.18	3.1	0.83	0.061	2.75	28.5	20.3	2.62	837	0.51	0.03	9.9	32.3
K309875		0.44	0.17	<0.05	<0.1	<0.01	<0.005	0.02	0.5	0.9	12.45	199	0.10	0.01	0.1	1.4

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153663

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K309858		450	19.3	121.0	0.004	4.94	2.75	15.7	1	1.9	121.5	0.70	0.06	7.8	0.546	10.80
K309859		680	20.7	146.5	0.005	5.31	3.62	18.7	2	2.0	114.0	0.76	<0.05	8.3	0.590	12.95
K309860		280	20.3	178.0	0.002	4.07	1.47	20.9	1	2.2	71.0	0.71	<0.05	10.7	0.455	5.00
K309861		460	20.2	160.0	<0.002	3.73	27.8	16.3	2	2.3	100.0	0.83	0.10	11.6	0.460	25.3
K309862		480	20.7	170.5	<0.002	3.33	3.92	16.3	1	2.4	81.4	0.90	<0.05	12.4	0.484	5.92
K309863		420	18.9	140.5	<0.002	2.60	0.91	13.4	2	2.0	89.0	0.74	0.05	10.0	0.409	2.66
K309864		370	8.5	78.7	0.002	2.47	9.63	9.0	2	1.5	680	0.41	0.07	5.5	0.254	10.70
K309865		540	19.8	145.5	0.002	5.03	36.6	16.4	2	2.5	127.5	0.72	0.05	9.9	0.416	69.3
K309866		540	19.4	145.5	0.002	5.09	38.7	16.3	2	2.5	132.5	0.71	<0.05	9.9	0.429	73.0
K309867		540	27.8	167.0	0.003	4.78	13.00	18.7	1	2.6	149.0	0.82	0.06	11.3	0.495	13.10
K309868		480	12.4	125.5	<0.002	3.50	1.16	15.6	1	1.8	149.5	0.65	0.06	8.6	0.480	3.08
K309869		470	11.4	128.0	<0.002	3.71	1.11	15.5	1	1.7	156.0	0.64	0.05	8.2	0.488	2.54
K309870		380	15.4	97.6	<0.002	2.87	5.77	12.7	1	1.4	97.2	0.54	<0.05	6.8	0.413	11.15
K309871		460	16.6	131.5	<0.002	0.55	0.52	16.4	1	1.7	123.0	0.65	0.05	8.0	0.490	1.14
K309872		450	14.9	139.5	<0.002	3.89	4.60	18.0	1	2.0	109.0	0.70	<0.05	9.6	0.465	5.87
K309873		550	21.6	156.5	<0.002	3.62	9.14	17.9	1	2.2	162.5	0.77	0.10	10.1	0.501	10.90
K309874		480	29.6	136.0	<0.002	2.90	0.80	15.6	2	1.8	243	0.69	0.05	8.8	0.451	2.06
K309875		180	1.2	0.8	<0.002	<0.01	0.05	0.1	<1	<0.2	43.7	<0.05	<0.05	<0.2	<0.005	<0.02

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153663

Sample Description / Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K309858	1.9	162	4.1	16.9	126	138.5
K309859	1.9	179	6.3	21.3	130	113.5
K309860	2.0	150	2.9	21.6	61	105.5
K309861	2.4	125	8.5	22.6	119	117.5
K309862	2.7	117	5.2	23.2	244	126.5
K309863	2.2	99	3.1	20.7	110	103.0
K309864	2.3	71	5.4	15.8	45	66.0
K309865	2.0	125	9.4	21.1	75	103.5
K309866	2.0	128	9.4	21.1	92	104.0
K309867	2.3	146	9.2	22.5	83	129.5
K309868	1.7	126	4.4	19.0	85	101.5
K309869	1.7	127	3.3	18.0	63	99.7
K309870	1.4	114	3.4	15.0	62	83.0
K309871	1.6	136	1.0	18.5	78	99.0
K309872	2.0	134	8.4	20.1	67	107.5
K309873	2.1	130	8.8	22.0	139	124.5
K309874	1.9	113	3.5	20.3	318	99.9
K309875	0.6	2	0.1	0.7	14	0.5

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153663

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Minerals
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

CERTIFICATE WH13156426

Project: Nadaleen
P.O. No.: 13-055
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: ATAC RESOURCES LTD.
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156426

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K309885		5.84	0.01	0.08	1.14	429	130	0.65	0.13	16.90	0.40	18.45	7.5	14	3.88	18.9
K309886		5.81	<0.01	0.06	7.34	116.0	270	2.10	0.39	6.49	0.15	103.0	21.2	47	27.3	53.4
K309887		6.97	0.01	0.22	4.06	3010	180	1.10	0.23	12.20	0.09	52.3	14.1	30	11.05	34.1
K309888		6.33	0.03	0.24	2.01	2370	200	0.61	0.12	13.55	0.43	25.3	6.2	21	5.17	18.6
K309889		5.58	0.02	0.14	2.41	1280	240	0.82	0.14	13.35	1.28	25.3	9.5	24	7.67	27.4
K309890		7.74	0.03	0.08	2.92	1920	280	0.76	0.12	12.10	0.13	30.2	7.1	32	9.92	28.0
K309891		7.16	0.07	0.11	6.98	2560	290	1.66	0.28	1.91	2.05	71.2	22.2	71	23.8	52.8
K309892		6.84	<0.01	<0.01	0.09	15	40	0.09	0.02	20.9	0.06	1.44	0.7	1	0.18	2.3
K309893		6.19	0.01	0.07	6.86	355	260	2.07	0.27	2.15	1.40	73.6	18.4	77	33.7	51.1
K309894		11.75	<0.01	0.05	3.83	115.5	190	1.01	0.15	2.84	0.60	42.2	12.5	54	22.6	33.1
K309895		<0.02	<0.01	0.05	3.93	115.5	190	1.00	0.15	2.78	0.56	42.5	13.1	58	23.1	33.5
K309896		12.04	<0.01	0.07	4.74	50.4	230	1.21	0.19	2.69	1.73	51.7	15.0	62	32.0	40.3
K309897		12.19	<0.01	0.06	6.48	31.7	290	1.62	0.26	3.16	0.44	64.3	19.7	70	45.9	56.7
K309898		11.75	<0.01	0.07	5.76	50.7	260	1.59	0.24	3.97	0.25	53.5	16.0	61	35.3	54.0
K309899		11.71	<0.01	0.05	4.46	81.0	190	1.03	0.15	2.48	0.24	37.2	13.4	57	22.8	40.4
K309900		10.33	<0.01	0.07	2.67	790	100	0.60	0.10	4.37	0.24	26.5	9.1	46	8.34	26.5
K309901		0.27	0.51	0.10	3.62	2560	210	0.86	0.13	18.60	0.11	36.6	10.3	38	9.52	42.8
K309902		11.83	<0.01	0.06	4.71	130.0	170	1.37	0.19	5.89	0.69	45.0	9.9	44	18.90	36.8
K309903		12.50	<0.01	0.07	6.25	154.5	240	2.07	0.27	3.98	0.17	66.4	17.4	58	34.8	54.3
K309904		10.61	<0.01	0.08	6.03	101.0	240	1.86	0.27	3.56	0.77	62.3	15.6	60	33.6	47.7
K309905		8.08	<0.01	0.09	5.04	163.5	190	1.81	0.23	8.01	1.45	56.8	13.7	55	27.4	40.4
K309906		5.70	<0.01	0.10	6.42	201	260	1.82	0.25	3.50	0.99	64.8	14.4	63	24.1	42.7
K309907		6.83	<0.01	0.02	0.05	<5	20	0.08	0.02	21.6	0.08	1.26	0.7	<1	0.18	2.7
K309908		5.57	<0.01	0.03	1.05	49	60	0.38	0.05	25.9	0.14	14.65	3.1	6	3.33	11.2
K309909		9.59	<0.01	0.12	6.68	187.5	230	2.20	0.28	2.98	0.15	67.0	15.8	63	34.1	45.1
K309910		10.96	<0.01	0.08	5.05	104.5	200	1.55	0.21	4.69	0.13	53.2	12.0	51	23.9	32.3
K309911		10.55	<0.01	0.06	4.73	79.4	180	1.44	0.21	5.79	0.11	52.4	11.9	50	23.8	31.9
K309912		4.99	<0.01	0.07	4.78	81.2	180	1.32	0.20	5.93	0.11	54.9	12.2	49	24.3	32.7
K309913		11.27	<0.01	0.08	5.21	148.5	190	1.50	0.22	5.05	0.10	56.8	12.7	55	24.1	33.1
K309914		10.54	<0.01	0.08	5.99	230	210	1.74	0.27	4.45	0.14	63.3	15.5	60	25.6	47.1
K309915		11.14	0.05	0.08	4.51	103.5	200	1.47	0.21	9.86	0.07	49.8	12.8	51	30.7	40.3
K309916		10.63	0.01	0.08	5.43	227	220	1.81	0.24	8.15	0.10	56.7	13.8	60	28.9	45.1
K309917		10.21	<0.01	0.18	6.28	187.0	240	2.06	0.28	4.60	0.45	69.1	18.3	63	37.0	57.6
K309918		11.08	<0.01	0.14	6.90	235	240	2.10	0.30	2.34	0.19	68.9	17.3	76	40.4	59.0
K309919		0.26	0.52	0.10	3.73	2630	210	0.90	0.14	19.30	0.08	38.4	11.1	37	10.05	45.5
K309920		11.22	<0.01	0.07	4.31	97	280	1.28	0.18	10.15	0.10	48.0	11.6	42	29.6	37.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156426

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K309885		2.29	3.15	0.11	0.6	0.29	0.025	0.54	9.3	4.2	9.59	2800	2.36	0.02	2.1	11.9
K309886		3.50	19.75	0.21	3.5	0.54	0.062	3.56	54.8	10.9	4.10	1320	5.47	0.04	13.7	48.6
K309887		2.74	10.80	0.17	2.1	1.70	0.035	1.95	29.0	5.8	7.24	1700	5.01	0.03	8.2	34.9
K309888		2.17	5.06	0.15	1.1	2.31	0.017	0.91	12.5	6.7	8.40	1700	2.41	0.02	3.5	24.6
K309889		2.62	6.36	0.15	1.3	1.39	0.025	1.12	11.6	8.3	8.15	1320	1.21	0.03	3.7	38.3
K309890		3.24	6.99	0.16	1.6	1.15	0.027	1.28	14.1	10.1	6.94	1090	0.67	0.03	4.6	29.6
K309891		4.58	17.35	0.21	3.5	6.18	0.074	3.00	35.7	19.2	1.38	529	1.47	0.03	10.9	70.0
K309892		0.47	0.31	0.29	<0.1	0.01	<0.005	0.03	0.7	1.2	13.15	205	0.12	0.01	0.3	1.8
K309893		4.70	18.25	0.21	3.6	5.42	0.068	3.34	37.2	20.3	1.43	510	0.77	0.04	10.9	37.9
K309894		3.44	9.81	0.15	2.1	1.55	0.039	1.83	21.4	17.1	1.47	438	0.53	0.02	6.1	24.5
K309895		3.40	9.94	0.15	2.1	1.54	0.037	1.87	21.4	17.7	1.45	418	0.54	0.02	6.2	25.4
K309896		4.13	12.65	0.18	2.6	1.63	0.049	2.29	26.1	20.2	1.52	384	0.74	0.03	7.6	31.5
K309897		4.69	16.75	0.19	3.3	0.63	0.062	3.20	32.2	22.7	2.00	460	0.45	0.04	10.3	38.3
K309898		4.92	15.80	0.09	2.7	0.70	0.059	2.83	25.8	20.3	2.30	553	0.39	0.03	9.0	33.5
K309899		3.63	11.65	0.05	2.0	1.55	0.046	2.11	17.3	13.4	1.41	308	0.35	0.02	6.4	25.8
K309900		3.16	6.75	<0.05	1.4	1.39	0.028	1.23	12.4	6.8	2.18	558	0.39	0.01	4.0	18.9
K309901		3.06	9.73	0.06	1.6	4.10	0.036	1.73	17.2	8.9	1.46	1190	1.52	0.02	5.6	23.6
K309902		3.75	13.50	0.08	2.3	1.22	0.044	2.32	22.1	11.4	3.14	487	0.43	0.03	7.5	19.7
K309903		4.47	19.70	0.15	3.2	1.00	0.071	3.09	32.8	17.9	2.36	453	0.89	0.04	11.2	31.1
K309904		4.34	18.10	0.10	2.9	1.58	0.071	2.96	30.9	18.4	2.06	391	0.90	0.03	9.8	33.6
K309905		4.44	16.05	0.10	2.6	3.68	0.062	2.43	28.3	13.6	2.97	476	1.21	0.03	8.4	33.2
K309906		4.78	18.25	0.10	2.8	5.42	0.066	3.12	32.8	14.8	2.00	359	1.17	0.03	9.3	33.7
K309907		0.50	0.23	0.08	<0.1	0.01	<0.005	0.02	0.6	1.0	13.50	217	0.09	<0.01	0.2	2.0
K309908		1.51	2.88	0.06	0.6	0.76	0.013	0.48	7.1	3.7	1.32	455	0.40	0.01	1.6	6.5
K309909		4.45	19.80	0.09	3.2	3.61	0.066	3.27	34.3	16.2	1.69	282	1.15	0.04	10.4	36.6
K309910		3.79	14.10	0.09	2.4	2.06	0.050	2.53	26.7	9.5	1.43	287	0.74	0.03	7.8	26.0
K309911		3.61	13.45	0.08	2.4	0.71	0.046	2.36	25.9	8.9	1.49	302	0.68	0.03	7.5	25.7
K309912		3.64	13.55	0.07	2.4	0.71	0.052	2.40	27.3	9.1	1.43	305	0.71	0.03	7.7	26.6
K309913		3.73	15.05	0.11	2.5	1.24	0.051	2.60	28.6	9.8	1.63	317	0.71	0.03	8.4	27.5
K309914		4.62	17.35	0.09	2.8	3.25	0.062	2.93	31.1	11.8	1.64	347	0.91	0.03	9.3	34.7
K309915		3.99	14.00	0.10	2.4	0.61	0.046	2.26	24.7	14.0	4.63	565	0.83	0.03	7.5	30.0
K309916		4.27	16.00	0.08	2.6	3.81	0.053	2.72	27.7	11.9	4.39	526	0.77	0.04	8.6	32.5
K309917		5.08	18.95	0.13	3.2	2.81	0.076	3.17	32.8	14.3	2.68	415	1.13	0.04	10.3	41.5
K309918		4.96	19.60	0.10	3.2	4.90	0.059	3.49	33.1	14.8	1.62	280	1.07	0.03	10.5	42.1
K309919		3.16	10.40	0.06	1.8	4.26	0.035	1.79	18.2	9.2	1.51	1230	1.55	0.02	5.9	25.0
K309920		4.05	12.35	0.08	2.1	2.62	0.044	2.16	22.4	11.1	5.41	548	0.84	0.04	6.6	26.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156426

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K309885		210	8.4	19.9	0.005	1.20	0.54	2.5	1	0.5	279	0.15	0.05	2.7	0.062	0.56
K309886		570	17.2	141.5	0.010	3.24	1.05	14.2	2	2.1	137.5	0.99	0.06	16.5	0.375	2.16
K309887		330	15.1	75.7	0.022	2.11	2.68	7.6	3	1.3	195.5	0.58	0.05	8.6	0.227	3.75
K309888		200	20.3	35.5	0.020	1.50	2.22	4.0	2	0.6	280	0.25	<0.05	3.8	0.119	4.94
K309889		390	26.9	46.4	0.002	2.41	2.57	6.2	1	0.8	244	0.26	0.05	4.0	0.170	2.51
K309890		410	21.1	55.0	<0.002	2.78	2.56	8.2	1	0.9	236	0.31	<0.05	4.6	0.229	3.47
K309891		410	79.7	144.0	0.014	4.59	5.12	17.4	2	2.1	93.2	0.79	0.07	11.2	0.510	10.85
K309892		210	1.3	1.3	<0.002	0.02	0.08	0.2	<1	<0.2	45.1	<0.05	<0.05	<0.2	0.006	0.04
K309893		400	80.7	153.5	0.002	4.58	1.95	17.8	2	2.3	62.8	0.80	0.05	11.3	0.533	8.55
K309894		300	34.5	79.4	<0.002	2.69	0.53	10.5	1	1.2	95.8	0.44	<0.05	6.0	0.369	2.83
K309895		290	35.0	81.4	<0.002	2.79	0.54	11.0	1	1.2	93.1	0.43	0.05	6.0	0.383	2.82
K309896		320	54.2	103.5	0.002	3.67	0.47	13.5	1	1.4	92.4	0.53	0.07	7.6	0.431	3.41
K309897		460	35.1	145.5	<0.002	4.53	0.47	18.2	1	1.8	99.1	0.75	0.07	9.9	0.538	2.68
K309898		480	27.8	120.5	<0.002	4.27	0.36	15.7	<1	1.5	126.0	0.64	<0.05	7.5	0.497	1.63
K309899		310	24.0	82.3	<0.002	3.10	0.40	11.6	<1	1.1	91.9	0.45	<0.05	5.1	0.427	1.74
K309900		220	20.4	45.6	<0.002	2.35	1.27	8.2	<1	0.6	95.2	0.27	<0.05	3.4	0.293	2.50
K309901		370	8.3	73.7	<0.002	2.50	7.59	8.3	1	1.2	721	0.40	0.06	4.8	0.258	8.50
K309902		320	28.7	97.2	<0.002	3.01	0.47	10.9	1	1.4	135.0	0.56	<0.05	6.6	0.375	2.06
K309903		440	27.8	145.0	<0.002	3.95	0.46	17.1	1	2.1	117.5	0.79	0.06	9.7	0.495	1.72
K309904		410	71.8	139.5	0.003	3.75	0.49	15.9	1	1.9	111.0	0.71	<0.05	9.1	0.458	3.43
K309905		370	90.5	121.0	0.005	2.98	0.62	14.2	2	1.6	192.0	0.61	0.05	7.9	0.355	6.02
K309906		390	106.5	137.0	0.003	4.11	1.07	15.5	2	1.9	104.5	0.67	<0.05	8.9	0.442	10.10
K309907		180	1.7	1.1	<0.002	0.01	<0.05	0.2	<1	<0.2	49.8	<0.05	<0.05	<0.2	<0.005	0.02
K309908		190	17.2	20.6	0.002	0.88	0.17	3.2	1	0.3	513	0.12	<0.05	1.9	0.080	1.05
K309909		360	59.1	154.0	0.003	3.74	0.58	16.4	1	2.1	94.5	0.76	0.05	10.1	0.463	5.34
K309910		310	26.5	112.5	0.002	3.06	0.37	12.3	1	1.5	118.5	0.56	<0.05	7.4	0.357	3.48
K309911		310	18.3	111.5	<0.002	2.85	0.34	11.9	<1	1.4	135.0	0.56	<0.05	7.3	0.338	4.01
K309912		310	18.8	112.0	<0.002	2.86	0.39	12.1	1	1.4	137.5	0.56	0.05	7.5	0.340	4.16
K309913		320	17.3	119.5	0.002	2.92	0.40	12.9	1	1.5	123.0	0.58	<0.05	7.8	0.363	3.92
K309914		410	18.6	137.0	0.003	3.92	0.54	15.9	1	1.8	113.0	0.67	<0.05	8.6	0.441	10.65
K309915		610	14.3	110.5	0.003	2.74	0.39	13.2	1	1.5	181.0	0.54	0.05	6.8	0.350	8.00
K309916		540	16.9	130.0	0.003	3.30	1.06	14.3	2	1.6	160.0	0.61	<0.05	7.8	0.395	10.80
K309917		560	20.0	154.0	0.004	4.49	0.53	18.7	2	2.0	143.5	0.75	0.05	9.2	0.484	13.85
K309918		500	21.3	160.0	0.004	4.53	0.60	18.0	2	2.0	90.3	0.77	<0.05	9.8	0.524	14.75
K309919		390	9.3	77.4	<0.002	2.57	8.14	8.8	1	1.3	740	0.43	0.08	5.2	0.267	9.20
K309920		520	12.7	103.0	0.003	2.97	0.42	11.9	1	1.3	210	0.48	0.06	5.9	0.320	8.51

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156426

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K309885		5.1	63	1.0	9.3	39	20.5
K309886		3.6	85	5.5	23.7	42	122.0
K309887		2.6	85	4.3	13.9	30	70.8
K309888		3.1	69	2.6	9.0	109	35.7
K309889		1.4	56	3.4	11.4	297	48.5
K309890		1.2	66	4.2	12.9	36	59.7
K309891		2.8	134	12.4	21.1	477	118.0
K309892		0.7	3	0.1	0.9	16	0.6
K309893		2.6	144	6.4	21.8	507	121.0
K309894		1.4	103	1.4	13.1	174	74.2
K309895		1.3	106	1.5	12.9	176	74.1
K309896		1.7	122	0.9	15.4	459	92.2
K309897		2.0	146	1.2	20.8	145	110.0
K309898		1.5	137	1.2	17.8	99	97.9
K309899		1.0	115	1.7	11.8	94	71.3
K309900		0.7	83	4.8	9.0	75	47.7
K309901		2.0	72	4.7	14.0	48	59.2
K309902		1.4	102	2.3	13.9	192	81.6
K309903		2.0	129	1.6	19.7	89	114.5
K309904		2.1	122	1.5	18.7	341	107.0
K309905		2.0	101	2.6	19.8	628	99.5
K309906		2.2	125	3.4	17.5	484	104.5
K309907		0.8	1	0.1	0.8	20	0.5
K309908		0.8	19	0.5	7.1	73	21.0
K309909		2.3	125	2.5	18.4	102	114.5
K309910		1.7	93	1.3	15.3	69	85.3
K309911		1.7	86	1.0	15.8	65	84.6
K309912		1.7	87	1.0	16.3	66	86.7
K309913		1.8	94	1.1	16.3	63	93.4
K309914		2.1	122	2.0	18.2	91	105.5
K309915		1.9	99	1.1	17.9	61	90.4
K309916		2.0	113	2.9	17.9	74	97.0
K309917		2.3	140	1.4	22.3	347	112.5
K309918		2.5	154	1.4	18.5	104	113.0
K309919		2.1	73	5.1	15.0	49	63.9
K309920		1.6	93	0.9	15.7	71	76.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13156426

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	LOG-22d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	WSH-21
	WSH-22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

CERTIFICATE WH13155645

Project: Nadaleen
P.O. No.: 13-056
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155645

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
K309921		12.08	<0.01	0.13	7.44	170.5	260	2.45	0.30	2.33	0.18	73.9	18.1	82	49.6	59.5
K309922		10.74	<0.01	0.13	7.80	256	310	2.69	0.31	2.49	0.15	74.4	18.7	83	47.7	61.5
K309923		12.39	<0.01	0.07	5.27	188.0	310	1.69	0.18	7.64	0.06	53.6	14.7	57	24.3	43.4
K309924		11.57	<0.01	0.08	6.68	114.0	350	1.96	0.23	4.01	0.08	58.1	18.8	75	39.8	58.2
K309925		12.49	<0.01	0.06	5.66	91.8	210	1.75	0.20	3.71	0.11	54.8	16.0	63	34.4	50.8
K309926		11.64	<0.01	0.09	5.61	102.0	440	1.64	0.20	3.06	0.07	53.6	18.4	68	25.0	52.1
K309927		11.79	<0.01	0.14	6.50	73.6	270	1.92	0.24	2.20	0.14	63.2	18.8	79	34.3	56.6
K309928		7.00	<0.01	0.01	0.06	<5	20	0.06	0.02	19.50	0.05	1.10	0.6	1	0.27	2.4
K309929		12.90	<0.01	0.10	6.74	63.6	260	1.89	0.24	2.26	0.11	66.3	18.0	78	38.3	55.7
K309930		12.22	<0.01	0.11	6.97	57.8	330	1.82	0.23	2.19	0.12	63.2	18.6	84	31.3	56.3
K309931		<0.02	<0.01	0.11	6.74	59.3	310	1.83	0.24	2.10	0.13	62.7	19.3	79	32.5	58.2
K309932		11.25	<0.01	0.11	5.93	67.0	480	1.41	0.21	2.63	0.14	54.7	18.3	77	24.7	53.3
K309933		11.53	<0.01	0.08	7.00	71.2	350	1.89	0.27	1.88	0.14	63.0	18.7	78	38.2	63.6
K309934		12.93	<0.01	0.09	8.14	142.0	400	2.14	0.31	1.63	0.32	70.0	18.6	86	44.0	61.0
K309935		12.33	<0.01	0.11	7.88	285	470	2.13	0.31	1.96	0.15	69.9	20.0	89	39.6	63.1
K309936		0.28	0.50	0.08	3.73	2560	210	0.80	0.13	18.25	0.11	36.7	10.0	46	9.56	42.0
K309937		12.36	<0.01	0.08	6.86	57.8	320	1.70	0.26	2.33	0.13	60.5	18.3	82	48.1	52.5
K309938		12.50	<0.01	0.08	7.16	93.4	390	1.95	0.28	1.95	0.18	65.4	19.2	80	63.4	60.2
K309939		11.50	<0.01	0.06	7.63	979	730	2.11	0.32	2.75	0.12	70.9	19.7	74	34.8	62.7
K309940		12.82	<0.01	0.05	7.37	1945	300	2.32	0.31	3.03	0.11	70.7	21.7	70	34.4	61.7
K309941		11.90	<0.01	0.07	7.14	1075	420	2.15	0.29	2.83	0.05	64.3	19.6	69	32.1	58.4
K309942		11.49	<0.01	0.04	7.05	236	410	2.16	0.28	2.19	0.37	64.3	19.3	79	37.3	63.2
K309943		5.23	<0.01	0.05	6.21	129.0	650	1.62	0.25	3.47	<0.02	59.1	16.5	71	23.1	53.7
K309944		8.30	0.18	0.06	3.65	205	220	0.88	0.13	11.95	0.14	45.9	5.2	31	9.32	9.4
K309945		7.69	0.07	0.05	3.54	90	330	0.80	0.08	10.60	0.17	37.2	3.9	24	8.16	6.9
K309946		7.48	0.10	0.06	3.57	939	290	0.80	0.08	11.15	0.39	40.0	3.9	25	8.81	6.8
K309947		8.01	0.18	0.08	2.82	915	850	0.58	0.08	12.15	1.98	29.4	3.3	19	6.29	5.7
K309948		3.87	0.20	0.09	2.67	1160	920	0.59	0.07	11.80	2.26	28.0	3.2	18	5.83	5.7
K309949		7.91	0.22	0.07	2.92	489	230	0.63	0.09	11.80	0.24	30.2	3.8	21	6.86	6.4
K309950		7.83	0.09	0.06	4.92	690	390	0.96	0.13	6.25	0.03	50.4	6.1	38	13.10	9.3
K309951		0.27	0.52	0.11	3.65	2560	210	0.92	0.16	18.40	0.12	37.7	10.7	44	10.10	43.0
K309952		7.83	0.01	0.05	5.24	81.0	370	1.02	0.14	5.77	0.02	57.5	6.3	39	15.30	10.3
K309953		7.52	0.18	0.07	4.81	3850	330	0.96	0.14	6.20	0.03	55.8	5.8	40	12.75	9.5
K309954		6.89	<0.01	0.01	0.06	6	30	0.06	0.03	21.2	0.07	1.10	0.7	1	0.15	2.4
K309955		7.59	0.09	0.07	5.04	1535	380	0.97	0.14	5.95	<0.02	60.0	6.3	37	14.05	10.1
K309956		7.66	0.11	0.09	5.34	818	360	1.10	0.16	5.02	<0.02	65.4	6.5	39	15.25	11.0

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VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155645

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
K309921		5.31	20.7	0.14	3.7	4.11	0.083	3.74	35.0	18.4	1.65	325	1.33	0.03	10.9	42.5
K309922		5.35	21.1	0.16	3.8	3.63	0.076	3.85	35.8	21.3	1.72	374	1.16	0.04	11.0	42.6
K309923		5.56	13.80	0.15	2.6	2.52	0.049	2.63	25.1	15.3	3.60	1220	0.35	0.03	7.8	28.0
K309924		5.63	17.70	0.16	3.3	2.39	0.068	3.26	28.0	51.3	2.27	632	0.43	0.03	9.7	35.0
K309925		3.59	15.45	0.13	2.9	1.54	0.065	2.74	25.8	59.3	2.02	577	0.33	0.03	8.8	31.3
K309926		4.82	15.40	0.10	2.9	1.26	0.058	2.56	25.5	76.0	1.87	468	0.53	0.03	8.6	37.4
K309927		4.84	17.80	0.14	3.1	1.09	0.061	3.06	30.0	59.5	1.94	405	0.75	0.03	9.5	38.9
K309928		0.45	0.25	0.24	<0.1	<0.01	<0.005	0.03	0.5	1.3	12.25	201	0.10	<0.01	0.2	1.5
K309929		4.98	18.15	0.15	3.2	0.65	0.069	3.25	31.6	58.8	2.14	408	0.58	0.04	9.8	36.2
K309930		5.11	17.90	0.13	3.0	0.96	0.072	3.35	30.5	54.8	1.94	382	0.75	0.03	9.4	39.5
K309931		4.98	18.00	0.16	3.2	0.93	0.060	3.21	30.2	58.6	1.88	373	0.78	0.03	9.6	41.7
K309932		4.98	15.25	0.14	2.7	0.69	0.057	2.80	25.9	76.7	2.00	456	0.58	0.03	8.4	37.9
K309933		5.86	18.55	0.18	3.1	2.10	0.064	3.33	29.4	98.9	1.86	387	0.74	0.03	10.1	40.9
K309934		5.62	20.6	0.18	3.5	2.74	0.076	3.91	33.3	70.2	1.86	340	0.71	0.04	11.2	41.4
K309935		5.49	20.3	0.18	3.6	3.13	0.080	3.80	32.5	110.0	1.60	369	0.77	0.04	11.5	43.3
K309936		3.01	9.39	0.10	1.9	3.97	0.030	1.82	16.7	9.5	1.44	1180	1.49	0.02	5.8	23.5
K309937		5.12	17.00	0.16	3.1	1.39	0.064	3.30	28.0	78.5	2.08	419	0.59	0.03	9.9	36.9
K309938		5.36	18.45	0.14	3.2	2.59	0.071	3.33	30.0	87.7	1.93	415	0.79	0.04	10.4	41.0
K309939		5.51	19.70	0.16	3.5	2.86	0.078	3.40	32.3	58.5	2.06	545	0.65	0.03	12.1	38.0
K309940		5.56	19.20	0.16	3.5	1.90	0.072	3.53	32.8	32.6	2.02	578	0.60	0.03	12.1	38.2
K309941		5.21	18.75	0.17	3.2	0.82	0.062	3.26	30.0	34.6	1.77	634	0.44	0.03	11.3	38.3
K309942		4.82	18.60	0.16	3.2	0.61	0.065	3.12	29.8	217	1.91	525	0.42	0.03	11.4	36.8
K309943		4.84	16.25	0.15	2.8	0.33	0.055	2.86	26.9	102.5	2.66	753	0.20	0.03	9.9	33.3
K309944		3.37	8.95	0.11	1.9	5.33	0.022	2.00	21.3	5.9	6.77	1600	0.20	0.03	6.1	13.0
K309945		1.21	8.34	0.14	2.1	3.00	0.018	1.97	16.8	6.5	6.47	690	0.21	0.03	5.5	10.0
K309946		2.28	8.68	0.14	2.3	3.22	0.017	2.09	17.5	5.9	6.61	1180	0.19	0.03	5.6	10.5
K309947		3.46	6.35	0.10	1.8	5.89	0.015	1.42	13.0	5.4	6.70	2090	0.20	0.02	4.3	8.5
K309948		3.45	6.06	0.09	1.6	6.26	0.010	1.34	11.8	5.3	6.51	2030	0.17	0.02	4.1	8.4
K309949		2.68	6.95	0.09	1.7	4.89	0.014	1.62	12.4	4.7	7.02	1530	0.21	0.03	4.8	9.5
K309950		2.30	11.95	0.17	2.7	4.91	0.023	2.77	22.8	7.1	3.47	793	0.25	0.04	8.2	14.5
K309951		3.02	9.65	0.13	1.8	4.12	0.033	1.78	17.8	9.4	1.46	1200	1.49	0.02	5.9	24.4
K309952		2.05	12.60	0.19	2.8	3.44	0.030	3.02	27.5	6.7	3.28	572	0.20	0.04	8.4	15.4
K309953		1.91	11.75	0.20	2.8	4.08	0.024	2.61	26.6	6.6	3.49	694	0.19	0.03	7.8	14.0
K309954		0.48	0.23	0.18	<0.1	0.02	<0.005	0.02	0.5	1.3	13.40	209	0.10	<0.01	0.2	2.6
K309955		2.37	12.40	0.19	2.7	3.84	0.026	2.89	28.0	6.2	3.27	718	0.23	0.04	8.3	15.2
K309956		2.30	13.30	0.17	2.9	3.72	0.028	3.05	31.0	6.3	2.87	478	0.21	0.04	8.8	16.1

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CERTIFICATE OF ANALYSIS WH13155645

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
K309921		510	20.0	177.5	0.005	5.14	0.77	21.3	2	2.6	97.6	0.77	0.06	10.0	0.537	16.80
K309922		530	21.5	174.0	0.003	5.08	0.91	22.1	2	2.5	106.5	0.82	0.07	10.3	0.565	12.30
K309923		1430	13.3	110.0	<0.002	4.04	1.07	14.8	1	1.7	234	0.58	<0.05	6.5	0.443	4.74
K309924		450	13.6	140.5	<0.002	5.07	0.55	19.2	1	2.0	123.5	0.72	0.06	8.3	0.574	3.63
K309925		450	10.3	127.0	<0.002	2.74	0.43	17.6	1	1.8	130.5	0.65	<0.05	7.3	0.478	3.73
K309926		460	19.4	116.5	0.002	3.49	0.67	16.9	1	1.9	197.0	0.63	0.05	7.1	0.483	4.39
K309927		480	19.6	138.0	0.004	2.52	0.52	19.2	2	2.2	108.5	0.68	<0.05	8.3	0.534	6.39
K309928		160	1.2	1.4	<0.002	0.01	0.05	0.2	<1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.03
K309929		520	17.5	145.5	<0.002	2.43	0.52	18.9	2	2.2	119.5	0.71	<0.05	8.7	0.535	4.09
K309930		520	17.9	140.5	0.002	2.88	0.55	19.2	2	2.1	130.5	0.66	0.07	8.1	0.549	5.85
K309931		500	18.7	146.0	0.003	2.82	0.61	19.5	1	2.2	129.0	0.71	0.05	8.3	0.529	5.95
K309932		470	15.1	121.0	<0.002	2.81	0.56	16.7	1	1.8	138.0	0.61	<0.05	7.1	0.506	4.38
K309933		560	21.5	153.5	0.002	3.57	0.58	18.9	1	2.1	115.0	0.73	0.09	9.5	0.527	4.82
K309934		590	21.1	173.5	0.003	3.45	0.65	20.4	2	2.3	120.5	0.83	0.08	10.8	0.567	6.16
K309935		530	22.9	168.0	0.002	4.50	0.78	20.0	2	2.3	212	0.83	0.07	10.6	0.583	9.11
K309936		400	8.4	73.4	<0.002	2.58	8.62	8.2	1	1.4	723	0.41	0.05	5.4	0.272	10.25
K309937		530	16.5	147.5	<0.002	2.54	0.49	17.6	1	1.9	182.5	0.72	0.07	8.9	0.542	4.23
K309938		550	18.8	157.5	0.003	2.96	0.58	19.1	2	2.1	102.5	0.75	0.07	9.9	0.541	5.75
K309939		1090	16.0	158.5	<0.002	4.14	1.36	19.9	1	2.4	263	0.89	0.07	10.8	0.575	12.20
K309940		670	17.0	163.0	<0.002	4.84	0.96	19.4	1	2.3	141.5	0.89	0.05	10.7	0.576	6.43
K309941		560	16.8	155.5	<0.002	4.99	1.44	18.4	1	2.3	162.5	0.81	<0.05	9.7	0.546	3.01
K309942		540	20.1	139.5	<0.002	1.70	0.82	18.7	1	2.1	214	0.84	0.07	9.8	0.580	2.04
K309943		540	10.6	121.0	<0.002	0.85	0.80	16.5	1	1.9	312	0.71	0.07	8.5	0.511	2.37
K309944		520	71.9	56.4	<0.002	2.50	0.18	5.1	1	1.0	103.5	0.47	<0.05	7.4	0.177	13.45
K309945		350	49.8	59.6	<0.002	1.26	0.25	3.8	1	0.9	104.5	0.40	<0.05	7.1	0.151	6.52
K309946		410	52.4	61.6	<0.002	1.84	0.17	4.1	1	0.9	92.6	0.42	<0.05	7.1	0.154	6.43
K309947		350	48.4	42.2	<0.002	1.94	0.17	3.1	<1	0.7	81.0	0.31	<0.05	5.6	0.120	11.40
K309948		350	47.2	39.9	<0.002	2.00	0.15	2.9	1	0.7	77.5	0.30	<0.05	5.3	0.114	10.65
K309949		450	51.4	49.1	<0.002	1.59	0.23	3.3	1	0.8	98.9	0.35	<0.05	6.3	0.130	8.29
K309950		400	67.7	81.0	<0.002	1.91	0.18	5.7	1	1.4	86.0	0.58	<0.05	10.2	0.228	8.65
K309951		400	8.8	75.9	0.003	2.54	8.94	8.7	1	1.3	739	0.44	<0.05	5.4	0.263	10.65
K309952		400	60.9	85.1	<0.002	1.89	0.18	6.1	1	1.4	81.4	0.63	<0.05	11.0	0.232	7.32
K309953		390	58.0	76.8	<0.002	1.83	0.48	5.7	1	1.3	96.1	0.60	<0.05	10.5	0.219	11.55
K309954		190	1.6	1.0	<0.002	0.01	<0.05	0.1	1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	0.03
K309955		490	70.2	84.2	<0.002	1.97	0.26	6.2	1	1.5	83.7	0.62	<0.05	11.2	0.232	9.71
K309956		440	77.0	88.6	0.002	2.11	0.22	6.6	1	1.5	78.6	0.67	<0.05	11.9	0.245	9.80

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155645

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K309921		2.6	157	1.4	20.2	104	125.5
K309922		2.5	170	1.3	19.8	102	129.0
K309923		1.5	116	3.0	20.9	70	91.4
K309924		1.8	151	1.6	17.6	87	113.0
K309925		1.6	122	1.4	18.3	103	99.9
K309926		1.5	138	2.0	15.9	80	97.7
K309927		1.8	151	1.1	18.2	91	112.0
K309928		0.5	2	<0.1	0.7	18	0.5
K309929		1.9	151	1.1	19.3	89	112.5
K309930		1.8	160	1.1	17.7	90	110.0
K309931		1.9	156	1.2	18.0	87	111.5
K309932		1.5	144	1.2	15.8	93	95.3
K309933		2.1	162	1.3	21.0	87	109.5
K309934		2.5	176	1.5	22.7	178	123.5
K309935		2.4	176	2.0	21.9	84	122.5
K309936		2.3	79	5.2	14.3	46	60.7
K309937		2.0	157	1.3	18.7	96	105.5
K309938		2.2	163	1.2	21.2	110	111.5
K309939		2.3	156	1.7	25.4	96	116.5
K309940		2.2	151	7.9	23.5	93	117.5
K309941		2.0	149	5.0	21.4	75	108.5
K309942		2.1	155	4.9	21.3	166	111.5
K309943		1.7	138	4.7	17.4	63	99.9
K309944		2.3	32	3.1	11.0	37	70.4
K309945		2.1	25	3.1	9.0	108	74.3
K309946		2.5	27	3.3	9.8	123	78.6
K309947		2.0	20	2.9	8.2	419	64.9
K309948		1.9	20	2.8	7.8	467	60.4
K309949		2.1	22	2.9	8.4	65	76.8
K309950		2.2	36	4.5	11.0	9	87.6
K309951		2.3	76	5.2	15.1	45	61.9
K309952		2.3	38	2.4	11.7	7	89.5
K309953		2.2	37	4.2	11.5	9	94.0
K309954		0.5	2	0.1	0.7	14	<0.5
K309955		2.1	39	3.5	12.4	9	93.7
K309956		2.2	40	4.6	12.9	7	96.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13155645

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME- MS61

Interference: Samples with Ca>10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)

Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:

CRU- 31	CRU- QC	LOG- 22	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

CERTIFICATE WH13113609

Project: Nadaleen

P.O. No.: 13-C01

This report is for 16 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113609

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831251		0.40	<0.01	0.04	3.62	<5	180	1.03	0.18	23.0	0.02	46.5	3.9	34	4.75	21.0
N831252		0.40	<0.01	0.09	5.19	10	240	1.52	0.25	15.20	0.05	64.7	10.5	47	7.57	27.2
N831253		0.52	<0.01	0.06	4.24	6	230	1.15	0.21	19.90	<0.02	56.6	7.0	40	6.20	21.0
N831254		0.35	<0.01	0.05	3.91	5	410	1.06	0.19	21.0	0.03	49.9	5.3	37	5.65	17.4
N831255		0.38	<0.01	0.04	4.22	<5	180	1.16	0.19	18.90	0.03	54.6	4.3	41	6.23	18.2
N831256		0.33	<0.01	0.12	8.50	42.0	660	2.65	0.31	0.91	0.02	93.2	19.5	74	21.6	49.9
N831257		0.34	<0.01	0.04	7.72	9.9	1150	2.44	0.37	0.63	<0.02	83.6	18.5	66	24.6	57.2
N831258		0.56	<0.01	0.02	7.66	4.9	420	2.54	0.34	2.63	0.18	82.3	15.0	76	21.6	75.0
N831259		0.42	<0.01	0.04	7.94	10.6	420	2.67	0.36	1.98	0.12	86.2	16.6	73	29.5	62.8
N831260		0.45	<0.01	0.03	7.87	13.1	500	2.60	0.39	1.95	0.18	85.1	15.2	65	28.5	61.8
N831261		0.29	<0.01	0.07	7.62	6.8	1790	2.36	0.33	2.56	0.17	85.0	16.1	61	27.6	48.6
N831262		0.59	0.05	0.10	0.82	68	50	0.35	0.05	19.30	1.92	11.45	1.7	8	1.71	10.0
N831263		0.57	0.01	0.06	0.80	22	50	0.40	0.04	20.2	0.04	8.59	1.5	9	1.91	7.8
N831264		0.59	<0.01	0.18	0.97	26	90	0.40	0.05	19.10	0.55	13.00	2.3	11	2.41	10.9
N831265		0.66	<0.01	0.24	1.11	54	80	0.48	0.05	19.00	1.16	16.00	2.6	14	3.65	12.1
N831266		0.42	0.01	0.10	1.30	30	90	0.55	0.05	17.45	0.29	18.50	2.6	14	2.77	11.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113609

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831251		1.62	9.17	0.11	2.1	0.02	0.025	1.73	23.4	26.4	0.44	236	0.19	0.04	6.1	9.8
N831252		2.64	13.65	0.14	2.6	0.03	0.041	2.46	34.0	45.3	0.81	260	0.37	0.04	8.7	27.6
N831253		2.07	10.90	0.14	2.2	0.05	0.029	2.00	28.7	33.0	0.81	238	0.21	0.04	6.9	18.7
N831254		1.64	10.05	0.14	2.1	0.04	0.027	1.92	25.9	22.3	0.72	209	0.22	0.03	6.4	12.6
N831255		1.89	10.55	0.15	2.2	0.03	0.033	2.03	28.6	21.9	0.88	245	0.21	0.04	6.9	11.4
N831256		4.41	23.0	0.17	3.4	0.10	0.069	3.48	49.6	99.5	1.34	351	0.50	0.08	12.0	40.1
N831257		4.74	20.7	0.16	3.3	0.14	0.072	3.37	45.2	96.9	1.41	469	0.29	0.06	11.2	36.8
N831258		3.73	20.6	0.16	3.0	0.03	0.060	3.22	45.3	113.0	2.47	1400	0.32	0.05	11.9	40.6
N831259		4.46	21.4	0.21	3.2	0.08	0.066	3.55	46.6	114.5	2.17	888	0.31	0.06	12.0	40.8
N831260		4.51	20.7	0.18	3.0	0.06	0.068	3.60	46.9	102.5	2.20	789	0.90	0.06	11.6	40.3
N831261		3.96	20.3	0.17	3.4	0.01	0.059	3.30	46.3	122.0	2.44	1180	0.29	0.05	11.8	37.2
N831262		0.45	2.27	0.13	0.7	2.47	0.009	0.39	6.4	5.1	11.35	296	0.83	0.01	1.4	4.4
N831263		0.50	2.13	0.15	0.5	0.44	0.005	0.40	5.0	5.1	11.85	280	0.58	0.02	1.3	4.0
N831264		0.52	2.67	0.16	0.6	0.48	0.007	0.50	7.3	6.6	11.45	176	0.99	0.02	1.7	5.9
N831265		0.59	3.11	0.17	0.9	0.75	0.010	0.57	9.2	7.4	11.40	152	0.60	0.02	2.0	6.7
N831266		0.65	3.52	0.17	0.9	0.67	0.008	0.68	10.7	7.6	10.45	240	0.70	0.01	2.3	6.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13113609

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831251		360	9.6	71.7	<0.002	0.16	0.39	6.1	1	1.1	954	0.48	<0.05	7.6	0.192	0.46
N831252		280	19.5	100.5	<0.002	0.70	0.72	8.5	1	1.6	606	0.66	0.05	10.7	0.279	0.75
N831253		780	12.1	82.7	<0.002	0.76	0.41	7.1	1	1.2	813	0.52	<0.05	8.7	0.215	0.80
N831254		320	11.4	79.4	<0.002	0.58	0.36	6.1	1	1.2	946	0.50	<0.05	7.9	0.196	0.79
N831255		410	11.8	82.4	<0.002	0.45	0.34	6.4	1	1.3	702	0.55	<0.05	8.6	0.217	0.90
N831256		1010	36.3	159.0	<0.002	0.51	0.80	16.9	2	2.5	213	0.97	0.08	14.7	0.413	1.07
N831257		510	14.9	164.0	<0.002	0.10	0.40	16.2	2	2.3	285	0.89	0.08	14.3	0.400	0.91
N831258		460	25.1	144.0	<0.002	0.04	0.32	14.1	2	2.3	222	0.94	0.08	14.6	0.359	0.77
N831259		470	16.3	175.0	<0.002	0.15	0.56	15.8	1	2.5	154.0	0.94	0.07	14.6	0.389	1.49
N831260		450	16.1	180.0	<0.002	0.06	0.52	15.1	1	2.4	141.0	0.91	0.06	14.2	0.380	1.08
N831261		520	24.7	167.0	<0.002	0.06	0.38	14.8	2	2.3	168.0	0.92	0.10	14.7	0.379	0.93
N831262		200	7.9	12.8	<0.002	0.31	0.96	1.6	1	0.3	104.5	0.11	<0.05	1.9	0.041	3.04
N831263		170	6.4	12.1	<0.002	0.27	0.41	1.2	1	0.3	80.3	0.10	<0.05	1.7	0.039	1.27
N831264		280	11.8	15.4	<0.002	0.42	1.69	1.7	1	0.4	94.7	0.13	<0.05	2.1	0.048	0.98
N831265		370	12.3	17.7	0.002	0.51	0.63	1.9	1	0.4	87.3	0.16	<0.05	2.8	0.059	1.09
N831266		340	10.8	20.9	<0.002	0.51	3.01	2.0	1	0.4	101.5	0.19	<0.05	3.1	0.067	2.35

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 3-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13113609

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N831251		3.1	43	0.8	13.1	34	65.9
N831252		3.1	65	1.1	16.9	66	87.1
N831253		3.4	48	0.9	15.3	29	81.3
N831254		3.2	44	0.8	13.1	26	70.4
N831255		3.4	47	0.9	13.1	38	72.9
N831256		3.5	98	1.8	25.4	98	110.5
N831257		2.9	94	1.5	21.1	93	108.5
N831258		3.4	77	1.3	20.6	98	107.5
N831259		3.7	97	1.6	22.3	97	108.0
N831260		3.8	88	1.5	21.1	89	102.0
N831261		4.5	92	1.5	22.1	102	107.5
N831262		22.6	21	1.0	4.2	437	23.9
N831263		19.5	19	0.6	3.1	13	16.6
N831264		17.7	28	0.8	4.3	151	20.2
N831265		18.5	35	0.8	5.3	397	30.3
N831266		14.7	25	1.3	6.2	68	32.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 3-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13113609

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

CERTIFICATE WH13121187

Project: Nadaleen

P.O. No.: 13-C02

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121187

Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description / LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831267	0.23	<0.01	0.02	7.64	26.5	480	2.09	0.24	3.18	0.18	78.5	13.0	68	14.80	14.1
N831268	0.59	<0.01	0.08	2.95	21	260	0.94	0.07	22.3	0.04	29.0	3.7	32	12.60	16.9
N831269	0.85	0.01	0.08	3.62	15	360	1.19	0.09	15.15	0.06	41.5	5.2	36	16.25	20.1
N831270	0.68	<0.01	0.05	1.51	6	160	0.53	0.04	28.8	0.13	19.70	2.3	16	3.68	7.5
N831271	0.96	0.01	0.10	3.40	27	350	0.99	0.08	16.35	0.06	37.0	4.5	35	7.84	16.8
N831272	0.72	<0.01	0.07	1.51	<5	170	0.51	0.04	28.6	0.11	20.2	2.4	16	3.97	8.3
N831273	0.54	0.01	0.05	2.34	<5	150	0.73	0.06	27.8	0.09	21.5	3.2	24	6.63	10.4
N831274	0.60	<0.01	0.07	2.92	<5	240	0.93	0.08	16.55	0.05	35.1	3.9	31	11.70	12.5
N831275	0.83	0.02	0.05	2.44	12	2840	0.84	0.07	22.9	0.13	27.2	3.9	27	6.72	17.4
N831276	0.63	0.01	0.10	3.26	11	1000	1.14	0.10	20.6	0.17	30.9	5.6	34	7.17	20.0
N831277	0.84	0.01	0.08	3.68	<5	280	1.19	0.10	16.65	0.12	38.4	5.7	38	6.43	20.6
N831278	0.40	<0.01	0.05	3.56	61	250	1.27	0.11	18.20	0.09	37.8	5.4	36	4.99	29.0
N831279	0.58	0.01	0.03	3.44	8	290	1.20	0.11	20.6	0.07	35.8	5.2	34	5.95	28.6
N831280	0.59	0.01	0.03	4.26	12	300	1.47	0.15	15.70	0.09	45.9	6.8	41	14.45	36.9
N831281	0.45	0.01	0.04	5.24	18	200	1.69	0.22	11.90	0.08	54.6	9.1	50	19.50	43.3
N831282	0.57	0.01	0.04	4.45	23	260	1.41	0.17	14.20	0.07	46.2	7.5	43	13.25	27.4
N831283	0.52	<0.01	0.05	1.27	5	150	0.52	0.03	29.1	0.67	16.15	2.0	16	2.41	12.0
N831284	0.61	<0.01	0.04	1.77	12	120	0.63	0.05	26.8	0.31	21.8	2.8	20	2.81	13.5
N831285	0.73	<0.01	0.03	0.78	<5	110	0.33	0.02	34.0	0.72	11.35	1.7	10	1.12	5.5
N831286	0.64	0.01	0.04	3.41	36	940	1.12	0.13	19.90	0.08	39.0	5.8	34	5.80	28.2
N831287	0.41	0.01	0.09	3.30	83	450	1.15	0.09	20.6	0.08	33.6	5.7	35	5.14	20.0
N831288	0.48	0.01	0.05	3.16	<5	970	0.99	0.07	20.6	0.20	39.8	5.2	33	4.55	43.5
N831289	0.60	0.01	0.17	3.80	<5	280	1.24	0.09	15.55	0.77	42.0	6.3	42	4.80	16.1
N831290	0.49	0.01	0.05	3.98	19	300	1.11	0.11	15.55	0.06	44.4	7.2	44	7.32	28.5
N831291	0.58	<0.01	0.04	2.90	17	830	0.94	0.06	18.75	0.14	36.7	4.4	32	4.28	18.8
N831292	0.87	<0.01	0.03	1.95	7	120	0.70	0.04	24.5	0.60	24.7	3.2	23	1.80	13.4
N831293	0.35	0.01	0.03	3.42	15	150	1.12	0.08	19.05	0.08	43.4	5.9	39	3.05	19.8
N831294	0.56	0.01	0.05	2.82	59	160	0.91	0.07	21.4	0.18	35.3	5.3	31	2.62	16.7
N831295	0.54	0.03	0.05	6.78	333	850	1.83	0.20	5.13	0.13	75.2	15.4	67	9.21	55.5
N831296	0.46	0.01	0.12	2.52	5	170	0.85	0.05	22.2	0.07	33.5	4.1	29	2.75	17.6
N831297	0.49	<0.01	0.06	4.80	8	220	1.24	0.17	14.10	0.05	66.3	5.4	47	5.59	16.2
N831298	0.75	<0.01	0.06	4.27	9	200	1.15	0.16	17.80	0.03	59.4	4.9	43	5.00	16.0
N831299	1.09	<0.01	0.09	4.38	5	200	1.21	0.15	15.70	0.03	68.5	6.1	43	5.07	16.0
N831300	0.48	<0.01	0.06	5.46	5	220	1.56	0.20	13.10	<0.02	76.3	6.2	50	8.23	15.8
N831301	0.48	<0.01	0.06	6.53	5.4	330	1.67	0.24	9.74	0.02	76.5	7.8	61	11.10	16.5
N831302	0.61	<0.01	0.08	5.54	6.9	250	1.43	0.21	8.53	0.04	79.3	8.3	58	8.32	18.2

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121187

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831267		4.07	18.70	0.15	3.1	0.01	0.053	3.07	42.2	54.1	2.74	1120	0.21	0.18	12.4	46.3
N831268		1.21	7.19	0.08	1.8	0.06	0.018	1.80	15.7	15.7	1.76	166	0.55	0.03	3.7	11.8
N831269		1.52	8.72	0.11	2.7	0.09	0.026	2.27	20.7	24.4	2.61	209	0.59	0.03	4.9	14.6
N831270		0.63	3.73	0.08	1.1	0.06	0.012	0.92	10.8	6.8	1.83	144	0.47	0.01	2.2	5.4
N831271		1.44	8.02	0.13	2.7	0.09	0.023	2.06	19.3	11.9	3.87	202	0.62	0.02	4.7	12.0
N831272		0.64	3.66	0.12	1.3	0.06	0.010	0.95	10.9	6.8	2.56	145	0.30	0.02	2.1	6.0
N831273		0.92	5.69	0.15	1.2	0.05	0.016	1.44	12.7	12.2	1.41	140	0.31	0.02	3.1	8.8
N831274		1.21	7.12	0.17	2.4	0.06	0.020	1.91	18.4	24.1	2.46	173	0.61	0.03	4.0	10.1
N831275		1.44	6.38	0.14	1.5	0.09	0.018	1.47	15.0	17.2	3.23	185	0.56	0.05	3.6	10.7
N831276		1.27	8.24	0.17	1.7	0.09	0.028	1.92	16.8	36.9	2.12	159	0.90	0.13	4.7	13.3
N831277		1.74	8.78	0.18	2.3	0.09	0.024	2.05	20.6	57.9	3.19	200	0.66	0.18	5.0	15.3
N831278		1.72	9.05	0.16	1.9	0.20	0.027	1.60	21.0	16.3	3.47	999	0.30	0.04	5.3	15.0
N831279		1.60	8.57	0.16	1.6	0.04	0.026	1.48	19.7	38.5	3.08	893	0.29	0.05	5.0	14.7
N831280		2.02	11.10	0.18	2.1	0.03	0.039	1.78	25.2	127.0	3.04	822	0.19	0.05	6.5	19.7
N831281		2.30	13.65	0.20	2.4	0.03	0.043	2.20	30.5	140.5	3.05	781	0.16	0.13	9.1	23.3
N831282		1.92	11.05	0.17	2.1	0.03	0.033	1.96	24.9	96.4	3.76	786	0.33	0.05	6.5	19.4
N831283		0.57	3.28	0.14	0.8	0.03	0.012	0.48	8.9	40.3	1.46	592	0.22	0.03	2.0	5.4
N831284		0.95	4.36	0.14	1.0	0.03	0.014	0.62	11.8	35.8	2.55	732	0.27	0.09	2.7	7.2
N831285		0.41	2.01	0.12	0.5	0.02	0.008	0.25	5.3	17.3	1.26	500	0.24	0.07	1.2	3.7
N831286		1.59	8.27	0.17	1.6	0.04	0.024	1.16	20.8	51.2	2.20	444	0.32	0.03	5.0	16.4
N831287		1.69	7.94	0.17	1.6	0.07	0.025	1.74	18.5	53.6	2.12	182	3.66	0.19	4.4	15.0
N831288		1.44	8.65	0.15	1.7	0.03	0.022	1.68	22.2	50.8	2.55	197	0.32	0.17	5.1	14.6
N831289		1.83	10.20	0.15	1.9	0.04	0.026	1.95	22.9	62.8	4.01	196	0.31	0.20	6.0	16.7
N831290		1.88	11.05	0.17	1.7	0.03	0.028	1.39	24.6	67.1	2.81	363	0.22	0.33	6.2	20.1
N831291		1.31	7.65	0.18	1.6	0.03	0.017	0.95	19.1	38.1	3.01	520	0.31	0.25	4.7	12.5
N831292		0.96	5.29	0.15	1.1	0.04	0.015	0.59	13.6	33.4	2.77	737	0.35	0.05	3.1	8.8
N831293		1.63	9.54	0.19	1.6	0.06	0.024	1.08	22.7	58.1	3.37	1080	0.31	0.04	5.5	16.8
N831294		1.37	7.66	0.17	1.3	0.03	0.023	0.82	19.0	63.3	2.80	1660	0.55	0.03	4.5	14.0
N831295		3.27	17.70	0.22	2.7	0.02	0.047	2.49	41.1	69.7	3.11	1180	0.62	0.07	12.2	40.0
N831296		1.18	6.76	0.16	1.2	0.03	0.019	1.23	18.1	47.6	3.45	189	0.35	0.21	3.8	11.1
N831297		1.97	12.50	0.20	2.6	0.03	0.034	2.41	34.3	31.8	0.97	243	0.18	0.03	8.1	13.2
N831298		1.84	11.25	0.20	2.3	0.03	0.033	2.23	30.1	14.1	1.13	323	0.17	0.03	6.6	11.4
N831299		1.97	11.10	0.19	2.5	0.05	0.032	2.24	33.4	13.1	1.33	431	0.28	0.03	6.8	15.2
N831300		1.72	14.30	0.23	3.0	0.04	0.037	2.81	39.8	15.2	1.14	306	0.18	0.03	8.3	14.5
N831301		1.80	16.75	0.23	3.4	0.05	0.036	3.30	41.7	27.6	1.09	289	0.28	0.04	11.5	16.3
N831302		2.57	14.45	0.21	3.2	0.05	0.039	2.81	40.2	34.2	1.00	292	0.32	0.04	10.5	19.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121187

Sample Description	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831267	510	9.0	136.5	0.003	0.01	0.44	13.2	1	2.3	133.0	0.95	<0.05	17.0	0.336	0.66
N831268	390	5.5	63.0	0.004	0.08	0.26	4.4	2	0.9	514	0.32	<0.05	5.2	0.127	0.46
N831269	540	6.8	80.1	0.004	0.12	0.31	5.3	2	1.1	344	0.44	<0.05	7.0	0.168	0.64
N831270	340	4.9	30.9	0.003	0.11	0.18	2.3	2	0.6	859	0.19	<0.05	3.0	0.074	0.23
N831271	540	8.4	64.0	0.003	0.39	0.28	4.9	3	1.1	329	0.42	<0.05	6.8	0.164	0.78
N831272	260	5.7	30.4	0.003	0.12	0.17	2.3	2	0.5	755	0.18	<0.05	3.1	0.072	0.23
N831273	340	5.5	47.3	0.004	0.17	0.18	3.5	2	0.8	600	0.27	<0.05	4.2	0.108	0.33
N831274	540	6.1	67.8	0.004	0.10	0.23	4.4	2	1.0	346	0.36	<0.05	5.8	0.132	0.38
N831275	340	9.8	55.3	0.003	0.51	0.25	3.8	2	0.9	596	0.32	<0.05	4.9	0.114	0.43
N831276	540	8.8	75.2	0.004	0.27	0.30	4.9	2	1.2	659	0.41	<0.05	6.5	0.153	0.48
N831277	690	8.8	78.2	0.004	0.13	0.29	5.3	3	1.2	425	0.44	<0.05	7.0	0.173	0.40
N831278	350	10.3	78.4	0.003	0.17	0.78	5.3	3	1.3	378	0.48	<0.05	7.1	0.176	0.62
N831279	320	6.5	80.7	0.003	0.08	0.21	5.3	2	1.3	427	0.44	<0.05	6.6	0.164	0.54
N831280	410	6.7	110.0	0.004	0.06	0.23	6.8	3	1.6	319	0.59	<0.05	9.1	0.210	0.87
N831281	510	6.0	148.0	0.004	0.05	0.26	8.4	3	2.1	251	0.72	<0.05	12.3	0.256	1.27
N831282	440	7.9	128.0	0.002	0.09	0.26	6.7	3	1.7	313	0.59	<0.05	8.4	0.219	1.25
N831283	410	11.1	31.7	0.004	0.06	0.16	2.0	1	0.5	903	0.18	<0.05	2.6	0.066	0.45
N831284	310	6.7	36.6	0.002	0.07	0.19	2.8	2	0.7	689	0.24	<0.05	3.6	0.089	0.43
N831285	250	5.0	11.2	0.003	0.07	0.14	1.3	2	0.3	977	0.10	<0.05	1.6	0.039	0.14
N831286	410	6.8	62.9	0.004	0.22	0.31	5.2	2	1.3	601	0.47	<0.05	6.6	0.165	0.66
N831287	500	9.4	68.7	0.006	0.46	0.37	4.9	2	1.1	574	0.39	<0.05	6.2	0.151	1.33
N831288	440	6.4	70.8	0.004	0.07	0.24	5.0	2	1.2	521	0.38	<0.05	5.8	0.152	0.35
N831289	430	5.9	81.5	0.003	0.03	0.23	5.8	2	1.4	428	0.46	<0.05	6.9	0.187	0.37
N831290	440	6.4	71.7	0.004	0.05	0.25	6.3	2	1.5	406	0.50	<0.05	7.0	0.192	0.35
N831291	380	7.6	47.9	0.003	0.10	0.28	4.4	2	1.1	512	0.36	<0.05	5.6	0.144	0.25
N831292	350	6.9	28.3	0.002	0.14	0.19	3.1	2	0.7	738	0.25	<0.05	3.9	0.097	0.23
N831293	370	7.9	51.0	0.004	0.23	0.24	5.5	2	1.3	495	0.44	<0.05	6.5	0.168	0.44
N831294	360	9.9	37.5	0.003	0.19	0.23	4.3	2	1.1	644	0.36	<0.05	5.5	0.141	0.29
N831295	540	34.0	105.5	0.003	0.79	0.34	10.6	2	2.2	223	0.82	<0.05	15.1	0.309	0.63
N831296	290	6.0	51.1	0.003	0.04	0.18	3.9	2	0.9	541	0.30	<0.05	4.6	0.121	0.24
N831297	250	9.7	100.0	0.004	0.42	0.38	6.8	1	1.5	430	0.63	<0.05	10.6	0.276	0.58
N831298	920	9.0	89.6	0.004	0.44	0.36	6.8	1	1.3	543	0.53	0.05	7.8	0.234	0.49
N831299	240	16.8	88.6	0.003	1.09	0.44	6.6	1	1.3	358	0.55	0.05	8.2	0.262	0.46
N831300	720	15.0	113.5	0.003	0.99	0.37	8.2	1	1.7	244	0.64	0.08	12.1	0.285	0.56
N831301	400	16.2	128.0	0.003	0.86	0.45	9.0	1	2.0	210	0.79	0.06	13.6	0.355	0.61
N831302	380	22.4	118.5	0.003	1.24	0.55	8.2	2	1.7	197.5	0.74	<0.05	12.4	0.334	0.54

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VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121187

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N831267		2.0	51	1.0	19.3	108	101.5
N831268		10.7	54	0.6	8.5	19	65.5
N831269		5.8	60	0.7	13.1	29	95.8
N831270		11.1	27	0.3	5.6	26	36.8
N831271		6.5	54	0.8	11.9	16	92.7
N831272		13.8	31	0.3	5.5	29	47.2
N831273		11.1	40	0.4	6.0	18	41.3
N831274		7.0	50	0.5	10.8	19	80.3
N831275		11.4	38	0.4	8.3	34	46.7
N831276		14.9	54	0.6	10.1	42	61.3
N831277		6.1	65	0.6	12.7	48	82.3
N831278		7.1	50	1.2	11.1	62	62.8
N831279		6.3	46	0.7	10.5	67	54.2
N831280		5.0	58	0.9	13.3	77	66.4
N831281		4.2	70	1.0	14.2	73	76.4
N831282		5.8	61	0.8	12.8	69	70.7
N831283		5.8	22	0.3	4.9	31	27.7
N831284		6.0	29	0.4	6.4	37	35.2
N831285		5.3	13	0.2	3.4	23	17.7
N831286		8.7	48	0.6	12.0	58	57.0
N831287		15.3	59	0.6	10.3	52	55.4
N831288		4.8	48	0.6	13.8	49	62.2
N831289		4.8	57	0.8	13.3	58	66.1
N831290		5.2	57	0.8	14.1	57	60.3
N831291		6.0	40	0.6	11.6	45	60.5
N831292		5.5	30	0.4	7.0	42	40.0
N831293		7.4	52	0.7	13.5	59	58.2
N831294		11.9	40	0.7	11.0	56	49.1
N831295		4.2	69	1.3	18.8	93	95.2
N831296		9.8	45	0.5	8.8	40	45.1
N831297		2.9	58	1.1	16.3	65	87.5
N831298		3.1	53	1.0	15.6	34	91.9
N831299		2.6	52	1.0	16.7	14	86.8
N831300		3.7	67	1.1	21.2	13	107.0
N831301		2.7	83	1.2	17.8	20	114.5
N831302		2.8	73	1.2	20.3	37	110.0

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13121187

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

CERTIFICATE WH13124470

Project: Nadaleen

P.O. No.: 13-003

This report is for 86 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description / Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831303	0.48	<0.01	0.13	6.63	20.1	260	1.82	0.31	6.49	0.02	98.5	10.4	66	9.31	25.2
N831304	0.51	<0.01	0.08	8.27	4.1	340	2.43	0.27	0.57	<0.02	88.2	18.4	68	21.5	38.1
N831305	0.43	<0.01	0.12	8.21	5.2	450	2.26	0.32	0.65	<0.02	92.5	18.6	68	22.3	193.0
N831306	0.40	<0.01	0.12	4.63	7	260	1.30	0.20	16.05	0.12	66.5	7.0	40	8.13	19.4
N831307	0.78	<0.01	0.10	4.09	8	190	1.14	0.18	16.10	0.07	64.0	7.0	36	7.56	17.7
N831308	0.37	<0.01	0.12	7.04	22.2	490	1.95	0.30	8.38	0.09	77.3	11.1	59	20.8	27.6
N831309	0.49	<0.01	0.05	8.34	15.0	490	2.47	0.37	2.06	<0.02	79.5	12.6	70	26.8	26.7
N831310	0.50	<0.01	0.06	6.22	<5	370	1.95	0.24	11.10	0.02	63.3	9.8	46	22.2	26.7
N831311	0.63	<0.01	0.01	8.73	10.8	450	2.92	0.42	1.50	<0.02	80.3	12.4	75	39.8	29.7
N831312	0.68	<0.01	<0.01	8.53	2.5	610	2.80	0.31	1.72	0.02	88.4	11.7	73	39.9	25.8
N831313	0.53	<0.01	0.07	5.16	37	310	1.53	0.21	15.15	0.03	54.5	9.8	39	21.7	14.2
N831314	0.71	<0.01	0.04	2.12	8	430	0.70	0.08	23.6	0.03	22.9	6.5	19	6.62	22.5
N831315	0.33	<0.01	0.05	8.25	5.6	420	2.54	0.39	0.61	0.02	92.0	17.0	68	11.00	30.3
N831316	0.43	<0.01	0.04	8.35	11.4	370	2.62	0.35	0.45	<0.02	73.1	17.8	69	10.05	53.9
N831317	0.50	<0.01	0.03	7.52	12.9	330	2.19	0.31	1.88	0.02	65.6	20.5	64	7.83	44.2
N831318	0.74	<0.01	0.05	8.22	12.0	540	2.47	0.34	1.14	0.02	75.0	20.6	70	9.24	36.9
N831319	0.77	<0.01	0.04	8.50	3.0	650	2.68	0.32	0.48	<0.02	61.3	18.7	75	8.92	77.6
N831320	1.52	<0.01	0.09	8.57	9.1	410	2.76	0.30	0.57	0.12	65.4	18.7	77	8.49	110.5
N831321	1.19	<0.01	0.04	8.06	10.5	350	2.93	0.32	0.48	<0.02	39.9	16.5	80	7.23	36.3
N831322	0.45	<0.01	0.06	9.08	16.8	340	2.79	0.33	0.17	0.02	43.5	20.8	82	7.83	36.3
N831323	0.48	<0.01	0.05	8.63	19.0	290	2.92	0.39	0.15	<0.02	33.2	20.4	78	7.80	38.4
N831324	0.54	<0.01	0.03	8.42	7.6	300	2.72	0.33	0.17	<0.02	37.1	17.2	76	7.66	39.3
N831325	1.09	<0.01	0.04	8.88	4.0	490	2.72	0.37	0.17	<0.02	38.7	17.5	79	8.43	41.6
N831326	2.15	<0.01	0.04	9.21	8.2	410	2.77	0.31	0.34	0.02	66.5	16.9	80	9.41	32.8
N831327	0.93	<0.01	0.03	9.12	2.6	330	2.78	0.30	0.16	<0.02	47.0	16.2	78	9.27	42.9
N831328	0.60	<0.01	0.03	8.41	5.3	300	2.95	0.35	0.14	<0.02	24.3	18.9	82	9.99	40.4
N831329	0.53	<0.01	0.06	9.29	5.8	330	3.04	0.35	0.16	<0.02	46.6	19.4	79	11.20	31.2
N831330	0.68	<0.01	0.04	8.19	8.0	320	2.47	0.33	0.69	0.02	61.4	20.5	70	9.78	39.1
N831331	0.57	0.01	0.10	0.80	35	60	0.42	0.04	19.00	0.02	10.30	1.5	8	1.85	6.4
N831332	0.76	0.01	0.12	0.68	61	40	0.34	0.03	18.70	0.05	7.51	1.5	9	1.48	6.9
N831333	0.56	0.01	0.34	2.13	25	190	0.82	0.09	15.40	0.03	23.4	3.3	28	11.00	16.0
N831334	0.54	0.01	0.23	1.49	20	910	0.56	0.05	16.30	0.02	18.00	2.5	18	6.23	10.5
N831335	0.69	<0.01	0.08	1.64	13	300	0.71	0.06	25.2	0.12	18.00	2.9	20	7.60	11.6
N831336	0.92	<0.01	0.20	3.34	11	440	1.04	0.10	18.70	0.07	38.1	6.4	34	25.3	15.7
N831337	0.61	<0.01	0.06	3.66	12	410	1.06	0.08	17.25	0.03	42.6	6.9	33	29.2	17.7
N831338	0.36	<0.01	0.08	2.87	10	1390	1.00	0.07	20.1	0.06	28.4	5.5	29	13.60	12.2
N831339	0.46	<0.01	0.07	2.47	11	210	0.91	0.08	25.6	0.14	27.8	4.4	26	14.20	19.8
N831340	0.48	<0.01	0.07	2.47	34	150	0.92	0.07	24.6	0.15	27.4	4.6	26	12.55	19.1
N831341	0.74	<0.01	0.04	3.20	12	290	1.14	0.09	18.45	0.09	36.1	6.2	35	11.40	28.4
N831342	0.98	<0.01	0.04	4.04	8	550	1.41	0.10	13.20	0.11	44.3	7.2	44	15.40	17.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831303		2.71	16.00	0.19	3.8	0.1	0.056	3.21	50.0	32.1	1.16	297	0.32	0.04	12.4	28.3
N831304		4.62	20.9	0.19	3.5	<0.1	0.071	3.28	44.6	127.0	1.42	422	0.32	0.07	12.5	36.2
N831305		4.43	20.6	0.18	3.6	<0.1	0.069	3.33	48.1	132.0	1.47	423	0.36	0.07	12.2	35.8
N831306		2.15	11.35	0.15	2.7	0.2	0.030	2.38	35.5	18.2	0.99	379	0.28	0.03	7.2	16.3
N831307		2.20	10.20	0.12	2.4	0.2	0.033	2.16	32.9	16.8	1.14	356	0.42	0.03	6.4	15.9
N831308		3.23	17.80	0.18	2.8	<0.1	0.057	3.80	42.3	22.7	1.47	508	0.46	0.04	10.1	26.5
N831309		3.45	22.7	0.20	3.4	<0.1	0.065	4.92	40.0	30.9	1.36	498	0.29	0.05	12.8	30.3
N831310		3.32	16.35	0.11	2.9	0.04	0.056	3.42	34.9	20.4	2.24	594	0.48	0.04	8.8	21.6
N831311		4.31	24.6	0.17	3.9	<0.1	0.085	4.91	40.8	39.1	1.33	315	0.29	0.05	13.5	37.7
N831312		4.22	23.0	0.17	3.9	<0.1	0.077	4.68	47.6	36.9	1.38	344	0.31	0.05	13.0	35.3
N831313		2.47	13.60	0.14	2.5	0.04	0.049	2.88	29.2	16.3	2.56	410	0.49	0.04	7.5	20.2
N831314		1.65	5.31	0.09	1.1	0.02	0.019	1.15	12.1	6.4	2.88	415	0.37	0.02	3.0	11.2
N831315		4.39	21.8	0.18	3.6	<0.1	0.075	3.51	48.3	47.9	1.24	392	0.31	0.15	12.2	35.6
N831316		5.01	23.4	0.15	3.3	0.09	0.073	3.77	34.6	84.5	0.95	232	0.23	0.15	12.4	36.6
N831317		4.98	21.8	0.13	3.0	0.1	0.068	3.21	30.7	104.0	1.17	619	0.60	0.10	11.9	35.4
N831318		5.15	23.3	0.15	3.3	0.1	0.074	3.49	36.3	89.4	1.13	477	0.57	0.13	12.5	38.1
N831319		5.01	24.4	0.13	3.6	0.07	0.077	3.41	28.1	93.1	1.19	354	0.42	0.17	13.1	40.2
N831320		4.59	24.1	0.15	3.7	0.03	0.071	3.32	31.0	90.9	1.25	695	0.66	0.18	13.1	38.4
N831321		4.11	24.4	0.11	3.4	0.03	0.071	3.55	17.3	76.8	1.17	570	0.23	0.20	12.8	37.9
N831322		4.67	25.7	0.14	3.4	0.04	0.066	3.60	19.2	92.0	1.28	536	0.20	0.24	13.2	41.4
N831323		4.21	25.2	0.11	3.4	0.04	0.071	3.62	14.0	84.3	1.14	1050	0.34	0.21	13.1	41.3
N831324		4.28	24.3	0.12	3.1	0.03	0.069	3.41	15.9	99.8	1.19	721	0.28	0.21	12.2	39.9
N831325		4.27	25.6	0.12	2.9	0.05	0.063	3.56	16.7	110.5	1.16	519	0.34	0.23	12.8	41.6
N831326		4.49	25.8	0.15	3.1	0.03	0.067	3.59	31.2	113.0	1.43	1180	0.27	0.22	13.0	40.0
N831327		4.33	25.7	0.15	2.8	0.02	0.065	3.54	21.1	93.6	1.20	400	0.33	0.24	13.0	41.3
N831328		4.37	26.4	0.11	3.1	0.03	0.072	3.40	10.0	97.7	1.20	493	0.19	0.27	13.3	43.5
N831329		4.34	26.2	0.12	3.3	<0.1	0.072	3.33	19.9	110.0	1.25	1140	0.31	0.28	13.1	47.1
N831330		4.94	22.6	0.14	2.9	0.04	0.061	2.76	27.8	107.5	1.51	3460	0.28	0.25	10.9	47.1
N831331		0.69	2.12	0.16	0.6	0.39	0.007	0.37	5.5	5.9	10.80	257	0.47	0.02	1.2	4.1
N831332		0.68	1.83	0.21	0.5	0.62	0.005	0.32	4.1	5.1	11.15	347	0.51	0.02	1.1	4.1
N831333		1.37	5.75	0.19	1.4	0.3	0.017	1.13	13.0	11.2	8.97	424	1.02	0.02	3.7	9.0
N831334		1.97	3.92	0.12	1.0	0.23	0.015	0.77	9.3	7.8	9.27	673	1.03	0.01	2.4	6.9
N831335		0.94	4.44	0.14	1.2	0.10	0.011	0.92	10.1	8.8	2.92	235	0.52	0.01	2.8	7.1
N831336		1.37	8.59	0.19	2.0	0.18	0.021	2.03	20.2	16.9	2.77	207	1.12	0.03	5.0	14.9
N831337		1.63	9.42	0.11	1.7	0.15	0.023	2.24	22.4	19.8	2.88	273	0.56	0.03	5.0	16.8
N831338		1.27	7.51	0.11	1.7	0.14	0.023	1.69	15.5	20.2	3.27	208	0.54	0.02	4.6	11.8
N831339		1.21	6.56	0.11	1.1	0.18	0.020	1.44	15.1	29.7	2.01	168	0.70	0.02	3.8	11.9
N831340		1.06	6.42	0.13	1.2	0.31	0.018	1.23	15.2	35.2	1.99	151	0.68	0.02	3.9	11.6
N831341		1.49	8.42	0.13	1.6	0.08	0.026	1.68	19.6	62.1	3.37	210	0.40	0.12	5.2	15.8
N831342		1.81	10.85	0.15	2.3	0.06	0.029	2.29	23.7	68.0	4.13	241	1.05	0.14	6.9	19.2

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831303		540	34.5	132.0	<0.002	1.37	0.64	10.3	2	1.9	193.5	0.81	0.06	14.7	0.368	0.60
N831304		520	29.7	162.0	<0.002	0.02	0.28	17.7	1	2.4	143.5	0.84	0.08	14.9	0.430	0.70
N831305		590	19.5	174.5	<0.002	0.04	0.42	17.5	1	2.4	136.0	0.85	0.09	15.7	0.429	0.76
N831306		260	38.4	98.8	<0.002	1.49	0.32	7.6	1	1.4	299	0.52	<0.05	10.0	0.240	0.45
N831307		480	43.4	91.1	<0.002	1.60	0.36	7.1	1	1.2	346	0.47	<0.05	9.4	0.225	0.55
N831308		430	33.9	151.5	0.002	1.66	0.45	14.1	1	1.9	278	0.67	0.09	13.4	0.298	1.15
N831309		520	16.1	154.5	<0.002	0.53	0.40	16.6	1	2.5	105.0	0.87	0.08	13.9	0.388	0.93
N831310		680	9.8	140.0	0.003	0.09	0.49	10.2	1	2.0	270	0.65	0.07	10.8	0.300	0.73
N831311		1040	9.5	188.5	0.003	0.05	0.34	18.2	2	2.9	95.1	0.97	0.07	14.3	0.445	0.87
N831312		1040	9.8	197.5	0.003	0.03	0.32	17.6	1	2.8	106.0	0.98	0.06	14.9	0.436	0.88
N831313		690	7.9	116.0	0.004	0.08	0.45	8.9	1	1.7	445	0.58	0.06	8.9	0.251	0.68
N831314		510	4.1	42.9	0.004	0.05	0.17	3.4	1	0.6	431	0.22	<0.05	3.6	0.102	0.35
N831315		510	18.9	164.0	0.003	<0.01	0.59	16.0	1	2.5	115.5	0.93	0.11	15.2	0.432	0.77
N831316		420	18.9	148.5	0.003	<0.01	0.65	15.8	1	2.6	180.5	0.91	0.06	12.7	0.417	0.85
N831317		360	22.1	107.0	0.002	<0.01	0.71	15.3	1	2.4	393	0.86	0.06	11.3	0.393	0.71
N831318		480	22.8	134.0	0.002	0.01	0.74	16.4	1	2.6	342	0.93	0.07	12.8	0.417	0.79
N831319		460	21.5	120.0	0.003	0.01	0.42	17.2	1	2.7	240	0.99	0.07	11.4	0.432	0.76
N831320		860	23.1	126.0	0.003	0.01	0.44	16.7	1	2.7	146.5	0.98	0.07	12.3	0.446	0.75
N831321		900	16.7	94.6	0.003	0.02	0.34	15.5	1	2.7	123.5	0.98	0.06	8.2	0.414	0.78
N831322		510	15.9	110.5	0.003	0.08	0.66	16.1	1	2.8	117.0	0.99	0.08	8.9	0.429	0.78
N831323		570	18.3	99.9	0.002	0.13	0.92	16.0	1	2.8	122.0	0.98	0.12	7.7	0.416	0.81
N831324		600	22.9	95.7	0.003	0.07	0.43	15.1	1	2.6	137.0	0.93	0.09	7.9	0.398	0.77
N831325		600	29.5	103.0	0.003	0.12	0.35	15.1	1	2.6	140.5	0.98	0.08	8.2	0.393	0.76
N831326		650	44.3	123.5	0.003	0.12	0.42	16.3	2	2.7	201	1.00	0.07	11.8	0.424	0.75
N831327		590	17.2	111.5	0.003	0.05	0.27	14.5	1	2.7	123.5	0.99	0.07	9.2	0.396	0.74
N831328		550	10.0	80.9	0.003	0.08	0.43	14.6	1	2.8	114.0	1.00	0.10	5.6	0.423	0.76
N831329		600	20.8	109.0	0.003	0.12	0.75	15.6	1	2.7	131.0	1.00	0.12	9.2	0.426	0.75
N831330		590	17.8	89.0	0.002	0.14	1.36	14.5	1	2.3	144.5	0.83	0.10	9.5	0.363	0.63
N831331		180	8.9	11.7	0.003	0.31	0.75	1.3	1	0.3	115.5	0.10	<0.05	1.6	0.037	0.95
N831332		170	7.7	9.9	0.004	0.22	1.00	1.1	<1	0.3	87.8	0.09	<0.05	1.4	0.034	1.35
N831333		400	11.5	38.1	0.004	0.45	0.26	3.2	1	0.8	80.8	0.27	<0.05	4.7	0.108	1.22
N831334		260	8.4	24.6	0.004	0.56	0.17	2.3	1	0.5	74.2	0.18	<0.05	3.2	0.070	1.08
N831335		270	9.5	31.1	0.004	0.22	0.13	2.4	1	0.6	564	0.21	<0.05	3.5	0.085	0.44
N831336		450	9.0	71.9	0.005	0.27	0.25	4.8	2	1.1	421	0.39	<0.05	6.9	0.153	0.95
N831337		550	7.3	80.2	0.003	0.20	0.28	5.4	1	1.0	556	0.37	<0.05	6.8	0.151	0.79
N831338		370	7.2	65.4	0.003	0.18	0.27	4.4	1	0.9	786	0.33	<0.05	5.9	0.133	0.69
N831339		430	8.9	59.9	0.004	0.26	0.30	3.8	1	0.8	1915	0.29	<0.05	5.1	0.114	0.79
N831340		370	7.9	56.6	0.004	0.35	0.27	3.8	1	0.8	1440	0.28	<0.05	5.3	0.115	0.99
N831341		360	7.5	76.9	0.004	0.08	0.31	4.9	2	1.1	582	0.39	<0.05	6.6	0.155	0.59
N831342		490	6.7	107.5	0.003	0.04	0.34	6.1	2	1.5	460	0.53	<0.05	8.8	0.205	0.66

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N831303		3.0	86	1.3	29.0	25	122.0
N831304		2.7	98	1.5	22.1	97	113.5
N831305		3.2	102	1.4	23.3	97	117.0
N831306		3.7	58	0.8	17.2	60	86.2
N831307		2.8	52	0.8	15.6	49	75.8
N831308		4.0	86	1.2	22.7	109	93.3
N831309		2.9	108	1.6	22.0	45	112.0
N831310		5.0	87	1.2	18.5	35	98.0
N831311		2.9	127	2.0	24.7	45	131.0
N831312		2.8	119	1.9	26.0	44	131.5
N831313		6.7	73	1.0	16.9	27	84.3
N831314		5.2	30	0.4	7.5	15	38.6
N831315		2.7	107	1.7	23.7	95	118.5
N831316		2.5	90	1.5	19.0	88	107.0
N831317		2.7	86	1.4	17.4	102	101.0
N831318		2.7	95	1.5	19.5	101	109.0
N831319		2.5	101	1.6	18.0	98	117.0
N831320		2.6	100	1.6	18.9	110	121.5
N831321		3.1	94	1.6	13.6	92	108.5
N831322		2.8	95	1.5	13.2	105	109.5
N831323		3.4	99	1.6	11.4	78	109.0
N831324		3.1	92	1.5	12.1	92	98.3
N831325		3.2	87	1.5	11.7	104	91.0
N831326		3.2	94	1.5	17.3	107	99.8
N831327		2.7	88	1.5	12.9	95	88.6
N831328		2.9	97	1.5	8.6	99	99.8
N831329		3.0	98	1.8	13.8	94	107.0
N831330		2.6	86	1.6	16.5	91	93.8
N831331		15.3	16	0.6	3.4	4	18.7
N831332		19.1	17	0.6	2.9	9	15.2
N831333		17.2	65	0.5	7.6	5	46.6
N831334		14.2	62	0.4	6.4	9	32.7
N831335		14.2	35	0.3	6.0	22	40.2
N831336		10.5	57	0.6	10.3	36	65.8
N831337		8.2	57	0.5	11.6	25	59.6
N831338		9.4	49	0.6	8.6	26	61.4
N831339		16.0	44	0.5	8.2	39	38.8
N831340		12.6	42	0.6	7.6	35	42.3
N831341		7.0	48	0.7	10.7	51	54.5
N831342		5.5	59	0.9	13.8	59	77.5

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831343		0.87	<0.01	0.05	3.57	7	510	1.27	0.09	13.45	0.10	42.5	6.1	41	10.55	19.0
N831344		0.90	<0.01	0.07	3.92	19	460	1.38	0.09	12.05	0.19	48.4	7.1	45	11.95	23.5
N831345		1.11	0.01	0.03	4.03	6	210	1.39	0.12	15.10	0.10	41.5	7.5	45	17.10	35.0
N831346		0.82	<0.01	0.04	4.29	<5	420	1.52	0.13	15.65	0.05	44.8	7.3	44	17.65	19.2
N831347		1.08	0.01	0.04	3.99	9	240	1.40	0.13	15.05	0.07	43.3	8.2	43	10.60	28.9
N831348		1.38	<0.01	0.05	4.36	<5	300	1.54	0.13	12.50	0.07	48.5	8.4	47	13.35	28.1
N831349		0.58	<0.01	0.04	8.89	27.1	510	2.65	0.35	0.25	<0.02	74.2	13.6	65	16.30	49.4
N831350		0.62	<0.01	0.03	9.52	16.8	460	2.78	0.36	0.24	<0.02	72.3	18.5	76	11.45	41.0
N831351		0.51	<0.01	0.04	9.95	6.7	440	2.75	0.38	0.30	0.03	93.6	21.3	79	9.41	45.5
N831352		0.70	<0.01	0.04	9.25	6.9	380	2.67	0.33	0.35	0.02	92.8	19.4	72	11.65	40.9
N831353		0.85	<0.01	0.05	8.70	21.9	320	2.47	0.33	0.36	0.02	83.7	22.3	72	12.55	38.3
N831354		0.96	<0.01	0.05	8.51	15.9	410	2.35	0.34	0.79	0.03	97.7	21.1	67	8.92	37.4
N831355		0.61	<0.01	0.05	9.00	19.7	340	2.53	0.37	0.75	0.03	102.0	21.8	72	12.85	33.9
N831356		0.43	<0.01	0.04	8.51	14.4	340	2.46	0.32	1.05	<0.02	84.7	21.2	73	13.55	25.3
N831357		0.61	<0.01	0.08	5.49	17	250	1.39	0.19	15.45	0.04	61.8	10.0	46	12.70	20.0
N831358		0.90	<0.01	0.07	4.36	25	260	1.14	0.16	18.05	0.02	51.5	8.4	38	8.98	17.3
N831359		0.77	<0.01	0.07	5.08	32	250	1.31	0.20	16.00	0.06	57.5	10.6	43	11.65	21.4
N831360		0.99	0.02	0.05	4.29	23	210	1.24	0.15	16.95	0.04	47.7	8.0	36	10.80	17.5
N831361		0.71	<0.01	0.04	8.51	9.6	540	2.45	0.32	0.59	<0.02	91.9	17.7	66	32.2	38.2
N831362		0.79	<0.01	0.03	8.76	17.3	1040	2.46	0.33	0.46	<0.02	95.3	17.3	68	34.2	41.5
N831363		0.34	<0.01	0.01	8.77	8.7	470	2.64	0.32	0.50	<0.02	77.4	20.8	71	33.0	31.9
N831364		0.59	<0.01	<0.01	8.48	8.6	480	2.72	0.34	0.39	<0.02	59.3	18.7	73	28.3	18.2
N831365		0.74	<0.01	0.01	8.17	33.2	630	2.31	0.31	0.77	<0.02	84.2	23.1	66	25.0	21.3
N831366		0.42	0.07	0.09	3.36	173	200	0.99	0.08	17.75	0.05	32.6	6.7	36	9.30	13.7
N831367		0.37	0.05	0.07	3.25	48	200	1.16	0.08	17.85	0.05	40.3	5.0	32	17.95	12.2
N831368		0.71	<0.01	0.06	3.44	32	180	0.95	0.09	19.15	0.02	37.9	5.3	31	34.7	12.5
N831369		0.61	<0.01	0.04	3.93	55	200	1.12	0.09	17.95	0.02	46.6	6.7	33	38.2	15.8
N831370		0.74	<0.01	0.04	4.04	33	170	1.30	0.10	18.25	0.02	47.7	6.3	35	30.9	17.4
N831371		0.73	0.02	0.05	2.71	37	140	0.96	0.07	20.4	0.03	32.7	4.1	26	13.35	15.1
N831372		0.62	<0.01	0.04	3.08	33	230	1.09	0.07	17.70	0.04	36.4	5.1	29	20.9	16.9
N831373		0.73	<0.01	0.04	1.83	10	990	0.46	0.05	26.8	0.43	20.2	3.4	16	9.06	14.7
N831374		0.62	<0.01	0.02	2.09	13	340	0.47	0.07	27.5	0.12	22.3	3.5	18	9.22	18.7
N831375		0.67	<0.01	0.03	0.87	9	690	0.20	0.03	32.6	0.28	13.40	2.0	5	3.82	7.3
N831376		0.88	<0.01	0.06	0.84	27	1190	0.21	0.04	33.1	0.48	11.15	2.2	5	2.82	6.7
N831377		0.94	<0.01	0.06	1.04	22	160	0.27	0.04	32.9	0.50	12.65	2.4	7	3.06	7.0
N831378		0.98	0.01	0.08	3.78	34	470	1.00	0.09	15.70	0.06	36.8	6.8	41	12.40	29.0
N831379		1.15	<0.01	0.04	2.34	16	240	0.62	0.06	23.2	0.14	25.6	4.4	24	7.56	15.5
N831380		1.09	<0.01	0.06	3.34	10	290	0.90	0.09	19.95	0.07	34.1	6.5	32	10.85	14.6
N831381		0.97	<0.01	0.20	2.79	17	890	0.84	0.07	19.50	0.15	32.0	5.5	27	7.09	22.1
N831382		0.93	<0.01	0.11	0.83	6	160	0.24	0.02	30.5	0.56	12.80	2.1	6	1.79	3.5

***** See Appendix Page for comments regarding this certificate *****

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To: ATAC RESOURCES LTD.
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Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831343		1.62	9.53	0.14	2.0	0.07	0.027	1.77	22.7	63.7	5.75	252	0.77	0.28	6.2	15.7
N831344		1.89	10.80	0.16	2.2	0.11	0.033	1.88	25.3	85.7	5.27	269	0.76	0.27	6.7	19.0
N831345		1.88	11.05	0.13	1.8	0.04	0.032	1.94	22.2	66.8	3.32	257	0.24	0.30	6.6	19.4
N831346		1.97	11.80	0.13	1.9	0.06	0.036	2.14	24.5	61.9	4.08	323	0.50	0.26	7.2	19.8
N831347		1.87	10.90	0.15	2.0	0.05	0.033	1.92	23.2	64.2	3.90	316	0.33	0.21	6.7	19.2
N831348		1.92	11.90	0.13	2.5	0.05	0.034	2.19	25.8	61.1	4.03	346	0.42	0.27	7.8	20.2
N831349		5.30	24.3	0.13	3.3	0.1	0.075	4.27	36.2	49.0	1.47	221	0.17	0.22	12.9	38.8
N831350		4.30	25.6	0.11	3.4	0.10	0.070	3.22	33.6	123.5	1.36	2930	0.32	0.25	12.9	46.7
N831351		5.11	25.9	0.14	3.2	0.06	0.070	3.18	47.2	129.0	1.61	1940	0.35	0.25	12.7	54.7
N831352		4.38	24.6	0.13	3.3	0.1	0.068	2.99	48.0	125.0	1.41	1090	0.24	0.25	12.3	39.4
N831353		5.47	23.7	0.12	3.1	0.2	0.066	2.86	41.2	123.5	1.47	1490	0.46	0.30	12.3	42.3
N831354		5.48	21.9	0.10	3.0	0.10	0.065	2.51	51.8	142.0	1.56	1860	0.33	0.23	10.4	40.0
N831355		4.53	23.7	0.15	3.4	0.07	0.071	2.98	54.0	139.5	1.37	894	0.25	0.20	11.4	40.7
N831356		5.08	23.1	0.12	3.1	0.04	0.068	2.89	43.5	144.0	1.51	1040	0.21	0.19	11.7	38.4
N831357		2.34	14.10	0.09	2.1	0.10	0.040	1.88	32.8	73.3	0.94	337	0.48	0.33	7.2	21.5
N831358		2.11	11.30	0.10	1.8	0.31	0.035	1.35	27.1	69.1	1.26	509	0.54	0.09	5.8	17.4
N831359		2.30	13.45	0.10	2.0	0.15	0.039	1.95	30.6	78.7	1.36	550	0.66	0.18	6.4	20.5
N831360		1.96	11.10	0.12	1.9	0.15	0.031	1.64	25.3	31.8	1.47	367	0.49	0.40	5.6	17.0
N831361		4.51	23.1	0.14	3.3	0.03	0.069	3.62	47.7	105.0	1.39	357	0.23	0.07	12.6	36.9
N831362		4.93	23.1	0.14	3.5	<0.1	0.071	3.87	50.8	88.9	1.40	296	0.27	0.07	12.5	36.5
N831363		4.66	24.2	0.12	3.4	0.01	0.074	4.05	37.5	83.5	1.43	303	0.32	0.08	13.0	38.5
N831364		4.94	24.3	0.10	3.2	0.02	0.072	4.14	27.3	83.2	1.25	248	0.32	0.08	12.6	36.3
N831365		6.52	22.3	0.12	3.0	0.4	0.064	3.51	44.1	85.0	1.80	304	0.42	0.06	11.7	51.7
N831366		1.05	9.04	0.08	2.1	6.51	0.023	1.74	18.1	11.6	2.59	684	0.79	0.02	5.6	15.2
N831367		1.44	8.55	0.11	2.0	0.91	0.027	1.79	20.9	12.5	3.46	251	0.53	0.02	5.2	13.3
N831368		1.42	8.98	0.11	1.4	0.28	0.024	1.94	20.2	14.7	2.15	194	0.56	0.02	4.5	13.7
N831369		1.46	10.25	0.14	1.4	0.22	0.027	2.25	24.5	17.4	1.97	192	0.48	0.02	5.1	15.8
N831370		1.37	10.85	0.14	1.4	0.20	0.027	2.30	25.3	16.9	1.96	184	0.49	0.02	5.5	15.5
N831371		1.16	6.98	0.13	1.3	0.2	0.016	1.46	17.2	9.6	2.81	242	0.54	0.01	3.8	10.4
N831372		1.42	7.87	0.12	1.7	0.24	0.018	1.73	18.8	13.8	3.20	245	0.52	0.02	4.3	12.9
N831373		0.82	4.92	0.05	1.1	0.07	0.017	1.04	12.0	10.8	1.83	143	0.54	0.02	3.5	8.8
N831374		0.85	5.57	0.05	1.0	<0.1	0.019	1.17	13.9	10.5	1.57	147	0.28	0.02	4.0	9.5
N831375		0.40	2.39	<0.05	0.4	0.07	0.009	0.49	8.2	5.1	0.56	109	0.35	0.01	1.9	5.5
N831376		0.42	2.33	<0.05	0.4	0.12	0.008	0.47	7.0	4.1	0.57	98	0.92	0.01	2.0	5.9
N831377		0.45	2.86	<0.05	0.5	0.13	0.010	0.57	7.8	5.1	0.61	97	0.78	0.01	2.3	6.4
N831378		1.46	10.70	0.06	2.5	0.13	0.029	2.20	19.7	42.0	2.55	172	0.65	0.03	7.6	17.7
N831379		1.12	6.29	<0.05	1.2	0.09	0.020	1.27	14.7	30.6	1.74	162	0.49	0.02	4.5	12.0
N831380		1.59	9.10	0.06	1.6	0.11	0.029	1.75	18.6	50.1	2.82	184	0.61	0.03	6.0	17.2
N831381		1.39	7.74	0.05	1.3	0.11	0.025	1.44	17.0	30.9	2.90	184	0.39	0.03	5.5	14.6
N831382		0.39	2.29	<0.05	0.5	0.06	0.007	0.44	8.0	6.3	1.20	140	0.22	0.01	1.9	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831343		430	9.2	81.5	0.003	0.12	0.33	5.4	2	1.3	435	0.46	<0.05	8.2	0.185	0.50
N831344		490	12.1	84.3	0.003	0.22	0.52	6.2	4	1.4	347	0.50	<0.05	8.9	0.202	0.73
N831345		400	7.9	87.5	0.003	0.03	0.34	6.2	2	1.4	370	0.50	<0.05	8.3	0.201	0.42
N831346		450	7.9	98.7	0.003	0.06	0.39	6.8	1	1.7	556	0.55	<0.05	9.1	0.211	0.56
N831347		460	9.9	89.6	0.003	0.05	0.33	6.3	2	1.5	348	0.49	<0.05	8.7	0.198	0.48
N831348		530	10.3	101.0	0.003	0.09	0.39	6.8	2	1.6	317	0.59	<0.05	9.9	0.227	0.56
N831349		440	17.3	165.5	0.002	0.01	0.76	16.8	1	2.7	175.5	0.92	0.07	13.7	0.437	0.93
N831350		570	17.0	129.5	0.002	0.17	1.34	17.0	1	2.8	202	0.94	0.10	12.8	0.431	0.79
N831351		510	26.6	142.0	0.003	0.07	0.92	17.1	1	2.6	197.5	0.94	0.07	15.0	0.437	0.72
N831352		590	15.3	145.5	0.002	0.05	0.75	17.1	1	2.6	126.5	0.88	0.09	15.6	0.419	0.75
N831353		550	27.5	129.0	0.002	0.22	0.99	16.6	1	2.5	113.0	0.84	0.07	13.9	0.432	0.73
N831354		690	31.5	121.0	0.003	0.27	0.91	15.0	1	2.3	264	0.80	0.08	15.1	0.374	0.65
N831355		790	22.9	149.0	0.003	0.19	0.72	16.9	2	2.5	153.0	0.85	0.07	16.1	0.411	0.75
N831356		660	24.7	127.5	0.003	0.15	0.57	15.6	1	2.5	188.5	0.86	0.05	13.7	0.399	0.72
N831357		600	14.4	98.2	0.003	1.71	0.33	8.6	1	1.5	633	0.54	<0.05	10.0	0.246	0.52
N831358		610	12.6	73.7	0.004	1.56	0.40	6.6	1	1.2	584	0.43	<0.05	7.9	0.202	0.84
N831359		460	13.6	106.0	0.006	1.59	0.49	7.8	2	1.4	499	0.48	0.05	8.8	0.228	0.84
N831360		650	11.6	88.5	0.005	1.55	0.32	6.5	1	1.2	548	0.42	<0.05	7.5	0.196	0.78
N831361		440	13.4	180.5	0.003	0.02	0.50	16.8	1	2.5	144.5	0.91	0.09	15.3	0.421	0.93
N831362		450	18.6	204	0.003	0.02	0.63	17.4	1	2.6	146.5	0.91	0.06	15.4	0.443	0.93
N831363		480	21.9	181.0	0.003	0.01	0.62	17.7	1	2.7	131.5	0.94	0.08	13.2	0.451	1.00
N831364		520	22.3	164.5	0.003	0.01	0.64	16.8	1	2.7	134.0	0.92	0.06	11.1	0.429	1.08
N831365		480	30.5	161.0	0.002	2.17	0.75	17.0	1	2.4	373	0.85	0.08	13.9	0.398	2.62
N831366		470	7.8	64.0	0.004	0.31	0.88	5.8	2	1.1	272	0.42	<0.05	6.5	0.164	9.41
N831367		430	5.5	64.0	0.003	0.19	0.23	5.1	2	1.0	380	0.38	<0.05	6.9	0.153	1.27
N831368		380	6.3	71.0	0.003	0.19	0.24	5.0	<1	0.9	708	0.34	<0.05	6.2	0.135	0.76
N831369		430	6.5	83.0	0.003	0.23	0.26	6.1	1	1.0	965	0.38	<0.05	7.2	0.155	0.74
N831370		470	6.5	84.7	0.002	0.23	0.26	6.2	1	1.1	937	0.40	<0.05	7.6	0.165	0.82
N831371		380	5.6	50.4	0.003	0.22	0.23	4.0	1	0.7	515	0.29	<0.05	5.1	0.115	0.69
N831372		450	6.8	59.8	0.003	0.32	0.26	4.4	1	0.8	434	0.32	<0.05	6.0	0.132	0.66
N831373		370	6.6	42.7	<0.002	0.15	0.17	3.1	2	0.7	722	0.27	<0.05	4.4	0.087	0.32
N831374		420	8.2	48.3	<0.002	0.07	0.16	3.6	2	0.8	573	0.31	<0.05	4.8	0.098	0.35
N831375		170	6.5	21.9	<0.002	0.11	0.17	1.6	1	0.4	1055	0.13	<0.05	2.0	0.040	0.32
N831376		160	10.0	21.5	<0.002	0.20	0.23	1.6	1	0.4	1205	0.14	<0.05	2.2	0.042	0.43
N831377		170	8.3	27.2	<0.002	0.19	0.24	1.9	1	0.4	973	0.16	<0.05	2.4	0.049	0.33
N831378		600	12.5	101.0	<0.002	0.33	0.33	6.6	2	1.4	454	0.63	<0.05	10.1	0.192	0.82
N831379		540	5.1	62.9	<0.002	0.15	0.23	4.0	2	0.8	587	0.35	<0.05	5.3	0.109	0.42
N831380		430	7.3	91.3	<0.002	0.14	0.27	5.8	2	1.2	474	0.48	<0.05	7.4	0.146	0.56
N831381		380	8.0	71.1	0.002	0.14	0.25	5.0	2	1.1	477	0.46	<0.05	6.8	0.132	0.62
N831382		270	4.4	22.3	<0.002	0.04	0.14	1.6	1	0.3	1100	0.15	<0.05	1.9	0.040	0.16

***** See Appendix Page for comments regarding this certificate *****

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N831343		6.4	56	0.7	12.6	48	74.7
N831344		6.0	63	0.8	14.7	72	77.3
N831345		5.3	56	0.8	12.3	59	62.2
N831346		8.7	62	0.8	13.3	58	71.0
N831347		6.0	60	0.8	13.1	59	68.9
N831348		6.6	64	0.9	14.6	60	86.0
N831349		2.6	95	1.6	17.4	85	111.5
N831350		3.1	100	2.0	18.3	76	113.0
N831351		3.0	103	1.8	20.0	89	108.0
N831352		3.0	100	1.6	21.8	90	111.0
N831353		2.9	101	1.6	20.1	107	107.5
N831354		2.9	87	1.5	21.1	98	100.0
N831355		3.2	101	1.5	24.3	99	109.5
N831356		2.7	97	1.5	21.1	71	105.0
N831357		3.6	51	1.0	13.4	52	68.6
N831358		2.8	43	1.0	12.4	45	59.6
N831359		2.7	53	1.1	13.1	63	66.2
N831360		2.6	42	0.8	11.2	48	60.7
N831361		2.4	95	1.6	21.4	95	108.0
N831362		3.3	101	1.6	22.9	101	116.0
N831363		2.7	108	1.6	19.9	108	112.0
N831364		2.1	103	1.6	16.6	95	106.5
N831365		2.2	93	2.0	19.2	127	98.9
N831366		14.8	57	2.4	16.0	17	74.0
N831367		10.8	55	2.1	11.4	15	70.5
N831368		9.3	52	0.6	9.1	9	47.1
N831369		8.4	55	0.6	10.5	14	48.1
N831370		8.7	60	0.8	10.4	13	50.2
N831371		14.7	44	1.2	8.4	10	45.5
N831372		9.7	48	0.6	9.5	12	59.9
N831373		7.5	30	0.4	8.6	46	39.7
N831374		12.3	34	0.5	9.9	35	35.0
N831375		13.6	19	0.2	5.3	38	14.9
N831376		17.4	20	0.3	4.7	49	15.9
N831377		17.1	20	0.3	5.0	58	18.5
N831378		8.8	61	1.0	15.1	33	90.3
N831379		6.9	40	0.6	10.2	28	45.1
N831380		8.6	57	0.7	12.6	42	56.3
N831381		5.1	45	0.9	12.6	40	48.6
N831382		6.2	15	0.2	7.2	17	19.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831383		0.88	<0.01	0.03	3.48	5	380	1.05	0.08	16.70	0.15	40.0	6.8	35	12.00	34.8
N831384		0.88	<0.01	0.03	3.10	15	210	0.89	0.08	16.25	0.12	36.1	6.3	31	8.23	24.3
N831385		1.02	<0.01	0.02	3.34	<5	210	1.01	0.09	17.15	0.14	35.2	6.6	33	10.45	12.5
N831386		0.88	<0.01	0.03	2.89	8	200	0.93	0.07	19.05	0.13	33.3	6.1	29	7.00	9.8
N831387		0.80	0.01	0.03	3.59	47	950	1.07	0.10	15.70	0.10	39.4	7.6	38	7.27	18.9
N831388		0.64	<0.01	0.02	2.73	29	370	0.80	0.07	16.80	0.13	36.5	5.7	29	4.09	31.2

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Finalized Date: 23-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831383		1.63	10.05	0.07	1.9	0.06	0.034	1.93	21.0	48.1	3.27	200	0.31	0.11	7.1	18.7
N831384		1.54	8.57	0.06	1.7	0.07	0.028	1.62	18.9	56.5	4.19	188	0.54	0.07	6.0	16.3
N831385		1.51	9.38	0.05	1.7	0.06	0.031	1.71	19.1	67.8	3.34	186	0.46	0.13	6.6	16.8
N831386		1.41	8.04	0.06	1.5	0.08	0.026	1.45	17.9	58.8	3.03	182	0.34	0.05	5.8	16.3
N831387		1.73	10.15	0.07	1.8	0.12	0.035	1.87	21.1	47.9	3.20	232	0.33	0.04	7.3	19.2
N831388		1.40	7.39	0.05	1.7	0.27	0.026	1.36	18.8	59.9	3.14	223	0.24	0.02	5.4	14.9

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Finalized Date: 23-JUL-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831383		470	8.6	102.5	<0.002	0.04	0.27	6.6	2	1.4	433	0.57	<0.05	8.6	0.172	0.59
N831384		370	10.3	80.8	<0.002	0.05	0.35	5.7	2	1.2	359	0.50	<0.05	7.3	0.150	0.49
N831385		380	7.5	86.7	<0.002	0.04	0.53	6.1	2	1.3	397	0.53	<0.05	7.9	0.160	0.46
N831386		340	7.7	75.8	<0.002	0.10	0.33	5.3	2	1.1	472	0.47	<0.05	7.0	0.140	0.47
N831387		460	7.6	90.7	<0.002	0.14	0.28	6.7	2	1.4	412	0.58	<0.05	8.8	0.178	0.67
N831388		360	8.6	61.4	<0.002	0.25	0.23	5.0	2	1.0	422	0.44	<0.05	6.6	0.135	0.43

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13124470

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
N831383		6.4	51	0.8	15.5	63	66.8
N831384		7.1	49	0.7	13.7	55	60.7
N831385		4.8	50	0.8	13.5	53	59.6
N831386		8.1	43	0.8	12.7	47	54.7
N831387		4.5	54	1.2	14.9	53	64.6
N831388		6.6	45	1.2	13.9	53	60.1

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To: **ATAC RESOURCES LTD.**
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Project: Nadaleen

Finalized Date: 23-JUL-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13124470

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
	Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

CERTIFICATE WH13131718

Project: Nadaleen

P.O. No.: 13-C04

This report is for 102 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-JUL-2013.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
WSH-21	"Wash" crushers
WSH-22	"Wash" pulverizers
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85%<75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831389	0.56	<0.01	0.41	6.46	6.8	330	1.80	0.29	9.86	0.03	89.7	8.9	56	7.87	24.2
N831390	0.88	<0.01	0.06	5.49	10	260	1.31	0.24	15.15	0.05	68.7	5.9	48	6.53	15.4
N831391	1.00	<0.01	0.10	5.17	6	250	1.32	0.24	13.20	0.03	64.4	8.0	50	6.09	20.9
N831392	0.94	<0.01	0.11	5.18	11	440	1.39	0.25	12.10	0.05	70.7	8.3	54	6.31	24.8
N831393	0.94	<0.01	0.09	5.14	7	230	1.37	0.24	11.45	0.03	73.4	9.5	51	5.97	22.8
N831394	1.16	<0.01	0.08	5.04	11	510	1.37	0.23	10.90	0.02	67.9	9.0	48	6.27	21.3
N831395	0.99	<0.01	0.07	3.81	6	530	0.92	0.17	18.85	0.04	51.9	5.7	34	4.69	14.6
N831396	1.32	0.01	0.08	3.88	7	280	0.97	0.17	11.95	<0.02	54.8	7.2	37	4.61	17.1
N831397	0.72	<0.01	0.11	5.86	7.0	250	1.63	0.29	8.26	0.02	97.7	7.9	62	7.84	17.9
N831398	0.69	<0.01	0.13	4.67	8.3	210	1.32	0.24	8.39	0.03	68.0	8.5	48	6.22	21.4
N831399	0.81	0.01	0.13	5.77	12.1	280	1.58	0.29	5.17	<0.02	79.7	10.3	62	7.77	25.8
N831400	0.75	<0.01	0.16	5.71	13	240	1.56	0.28	10.40	0.07	75.4	8.7	55	9.22	21.7
N831401	0.90	<0.01	0.13	4.62	10.6	200	1.20	0.23	8.41	0.05	81.0	7.4	48	8.70	19.0
N831402	0.58	<0.01	0.09	3.61	15	180	0.99	0.17	20.5	0.09	38.5	5.0	30	11.40	15.4
N831403	1.12	<0.01	0.12	7.89	25.2	800	2.35	0.34	4.69	0.09	81.9	14.5	59	31.2	31.2
N831404	0.96	<0.01	0.08	8.16	16.2	450	2.51	0.34	4.51	0.02	84.6	13.8	64	29.7	36.5
N831405	0.74	<0.01	0.04	8.35	10.2	400	2.71	0.30	1.49	<0.02	67.9	11.3	71	37.4	35.6
N831406	0.88	<0.01	0.07	4.71	13	220	1.49	0.18	16.35	0.05	50.9	9.0	34	20.9	38.2
N831407	0.85	<0.01	0.06	4.66	10	240	1.50	0.18	15.35	0.03	52.8	7.7	35	20.9	12.8
N831408	1.00	<0.01	0.11	5.77	11	280	1.85	0.23	11.85	0.06	64.0	11.6	41	26.6	15.5
N831409	0.46	<0.01	0.06	9.21	24.8	390	2.70	0.37	1.51	0.02	100.5	16.7	71	40.0	36.8
N831410	0.40	0.01	0.02	8.14	30.8	880	2.99	0.32	2.32	0.04	77.1	9.7	69	34.0	20.4
N831411	0.62	<0.01	0.06	3.65	85	150	1.22	0.10	15.65	0.07	44.5	6.6	37	6.18	23.3
N831412	0.59	<0.01	0.05	3.69	124	190	1.20	0.12	17.50	0.09	43.1	7.4	36	4.64	26.4
N831413	0.75	<0.01	0.08	3.70	31	160	1.32	0.13	19.75	0.36	44.4	7.2	34	3.94	75.4
N831414	0.71	<0.01	0.02	7.63	49.5	270	2.33	0.25	3.62	0.14	87.8	13.5	63	12.60	74.8
N831415	0.74	<0.01	0.07	4.35	37	260	1.44	0.10	12.65	0.06	46.5	7.6	43	26.7	19.0
N831416	1.14	<0.01	0.07	3.05	11	230	1.00	0.08	17.25	0.24	39.9	5.0	32	18.75	13.3
N831417	0.76	<0.01	0.03	2.70	<5	2220	0.91	0.07	22.4	0.05	33.2	4.5	27	14.50	10.2
N831418	0.74	<0.01	0.08	3.48	<5	200	1.28	0.10	19.85	0.11	38.1	6.4	38	20.5	24.0
N831419	0.66	<0.01	0.05	3.77	16	160	1.33	0.12	16.75	0.08	40.6	7.5	38	18.70	23.6
N831420	0.44	<0.01	0.05	4.24	15	250	1.31	0.13	11.10	0.06	46.1	9.3	42	21.2	27.0
N831421	0.65	0.01	0.06	4.15	9	220	1.35	0.14	11.15	0.03	44.2	8.3	38	24.9	28.3
N831422	0.97	<0.01	0.05	7.65	28.4	260	2.24	0.20	3.56	0.10	84.0	14.3	67	8.84	48.7
N831423	0.89	<0.01	<0.01	7.52	18.7	650	2.21	0.24	3.90	0.27	86.8	13.4	83	8.72	16.0
N831424	1.13	<0.01	0.02	7.36	16.4	320	2.19	0.31	0.67	0.03	81.7	15.6	58	8.46	26.0
N831425	0.72	<0.01	0.01	8.50	18.3	360	2.63	0.33	0.44	<0.02	92.2	18.7	64	9.44	13.6
N831426	0.59	<0.01	0.12	4.68	5	260	1.30	0.19	11.40	0.03	85.2	10.4	39	5.54	20.9
N831427	0.71	<0.01	0.08	4.81	<5	250	1.37	0.20	16.00	0.03	61.6	7.5	39	5.90	18.5
N831428	1.05	<0.01	0.08	4.37	<5	360	1.27	0.18	18.25	0.03	54.6	4.2	37	5.36	14.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831389		2.70	16.30	0.26	3.9	0.07	0.049	3.24	46.9	29.7	0.51	226	0.25	0.05	11.2	29.0
N831390		1.61	13.40	0.25	3.0	0.04	0.040	2.77	35.6	22.7	0.75	248	0.19	0.04	9.2	15.0
N831391		1.98	13.30	0.25	2.9	0.06	0.037	2.65	32.6	19.2	1.33	247	0.27	0.04	8.9	21.7
N831392		2.24	13.20	0.28	3.1	0.07	0.043	2.65	35.5	21.3	1.01	236	0.27	0.04	8.8	22.7
N831393		2.58	12.80	0.26	3.1	0.06	0.046	2.59	37.3	32.9	1.02	261	0.28	0.04	9.0	23.8
N831394		2.42	12.95	0.25	3.0	0.05	0.039	2.58	35.0	23.2	1.47	328	0.25	0.05	8.5	22.7
N831395		1.67	9.53	0.23	2.0	0.07	0.027	1.96	27.8	12.7	0.97	397	0.20	0.03	6.2	14.3
N831396		3.04	9.85	0.18	2.3	0.08	0.041	1.97	28.1	12.1	2.07	356	0.23	0.04	6.6	17.9
N831397		2.00	15.20	0.28	3.6	0.07	0.040	3.02	51.0	16.7	0.93	235	0.32	0.04	10.4	19.8
N831398		2.80	11.85	0.21	2.9	0.07	0.034	2.41	34.8	14.9	2.05	462	0.36	0.04	7.9	21.8
N831399		2.81	14.85	0.23	3.3	0.17	0.045	2.94	41.8	17.1	1.57	313	0.46	0.04	10.4	27.8
N831400		2.65	14.35	0.20	3.2	0.11	0.044	3.00	39.3	15.4	0.96	194	0.30	0.04	9.2	21.8
N831401		2.24	11.70	0.19	2.8	0.21	0.031	2.47	40.9	13.2	1.21	223	0.37	0.03	8.1	17.3
N831402		2.05	9.27	0.18	1.5	0.10	0.031	1.92	22.2	9.6	2.20	427	0.31	0.03	4.9	11.7
N831403		3.39	20.2	0.24	3.0	0.14	0.067	4.31	44.7	20.9	1.18	462	0.70	0.04	10.4	35.5
N831404		3.51	21.6	0.24	3.6	0.05	0.061	4.57	45.2	19.9	1.40	399	0.34	0.05	11.7	34.7
N831405		3.40	23.0	0.21	4.0	<0.1	0.071	4.91	32.4	21.8	1.25	332	0.27	0.06	12.7	35.4
N831406		2.11	12.50	0.20	2.4	0.03	0.029	2.67	28.2	11.9	2.46	397	0.45	0.03	7.1	19.9
N831407		2.07	11.95	0.20	2.4	0.04	0.038	2.65	28.9	12.0	2.90	392	0.35	0.04	7.1	18.0
N831408		2.34	15.05	0.20	2.8	0.07	0.048	3.28	34.1	16.0	3.31	444	0.47	0.04	8.5	22.7
N831409		3.19	24.6	0.24	3.8	0.1	0.076	5.05	54.6	25.9	1.40	182	0.70	0.05	13.2	35.8
N831410		3.05	23.8	0.22	3.7	0.09	0.066	4.68	40.3	25.3	1.63	273	0.32	0.04	12.9	34.6
N831411		1.69	9.90	0.22	2.1	0.03	0.024	1.54	23.9	44.5	3.41	657	0.57	0.13	6.4	18.2
N831412		1.76	9.69	0.20	1.8	0.03	0.029	1.46	23.4	50.0	3.36	1250	0.27	0.06	6.3	19.6
N831413		1.57	9.72	0.22	1.7	<0.1	0.028	1.41	24.7	33.5	2.50	1850	0.50	0.05	6.2	20.6
N831414		3.85	20.0	0.22	3.1	<0.1	0.056	3.08	47.3	68.9	2.98	916	0.15	0.11	12.7	57.2
N831415		1.66	11.55	0.24	2.6	0.04	0.026	2.80	26.1	23.0	5.92	316	0.68	0.04	7.4	17.9
N831416		1.40	8.24	0.24	1.8	0.06	0.021	1.94	21.3	16.9	4.18	250	1.29	0.03	5.4	11.8
N831417		1.33	7.20	0.26	1.2	0.03	0.014	1.66	17.8	14.1	3.31	267	0.24	0.03	4.5	11.4
N831418		1.26	9.27	0.25	1.7	<0.1	0.023	2.21	21.2	18.7	2.45	257	0.55	0.03	5.9	14.6
N831419		1.57	10.05	0.26	2.4	0.09	0.024	2.32	22.4	18.1	4.47	310	0.44	0.03	6.6	17.7
N831420		2.50	11.05	0.19	2.4	0.1	0.031	2.62	24.3	19.2	6.23	364	0.80	0.04	7.0	25.2
N831421		2.18	10.95	0.19	2.2	0.1	0.028	2.55	25.1	19.6	6.14	378	0.34	0.04	7.4	23.1
N831422		3.61	19.60	0.24	3.1	0.01	0.050	2.94	45.1	113.0	2.89	926	0.29	0.06	12.7	52.5
N831423		3.59	19.55	0.24	3.0	<0.1	0.049	3.03	46.5	98.4	3.10	1580	0.37	0.07	12.1	46.1
N831424		4.19	19.00	0.20	3.8	0.09	0.056	2.98	43.6	153.5	1.42	340	0.32	0.05	10.6	33.0
N831425		5.62	21.6	0.18	3.8	<0.1	0.065	3.49	48.4	61.2	1.65	224	0.15	0.06	11.9	39.3
N831426		1.97	11.80	0.19	3.1	0.06	0.030	2.43	40.8	19.2	0.41	248	0.26	0.04	8.6	23.4
N831427		1.70	12.10	0.19	2.7	<0.1	0.034	2.46	31.6	26.0	0.78	291	0.26	0.04	8.2	17.6
N831428		1.46	10.70	0.22	2.5	<0.1	0.027	2.29	27.4	18.8	0.81	250	0.21	0.04	7.4	10.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831389		290	29.7	125.0	0.002	0.07	0.70	10.4	1	1.9	240	0.85	<0.05	13.9	0.367	0.68
N831390		730	16.4	105.5	0.002	0.24	0.49	8.1	1	1.6	320	0.67	<0.05	10.7	0.282	0.51
N831391		490	26.8	105.5	0.002	1.07	0.57	8.3	2	1.6	329	0.64	<0.05	10.8	0.268	0.58
N831392		340	31.4	107.0	0.003	1.26	0.59	8.4	1	1.6	387	0.67	<0.05	11.2	0.291	0.54
N831393		270	26.9	104.0	0.003	0.90	0.61	8.5	1	1.5	345	0.67	<0.05	11.1	0.311	0.54
N831394		300	23.9	105.5	0.002	1.18	0.62	8.7	1	1.5	235	0.63	<0.05	10.6	0.287	0.50
N831395		280	15.9	72.6	0.002	1.10	0.38	5.6	1	1.1	453	0.45	<0.05	7.6	0.211	0.38
N831396		240	37.9	76.2	0.002	2.28	0.49	6.5	1	1.1	153.5	0.48	<0.05	8.1	0.240	0.48
N831397		300	21.6	119.0	0.004	1.09	0.52	8.9	1	1.8	171.0	0.82	<0.05	13.0	0.384	0.61
N831398		360	28.6	94.1	0.002	1.24	0.89	7.7	1	1.5	140.5	0.59	<0.05	10.3	0.283	0.57
N831399		390	44.6	116.0	0.004	1.82	1.63	9.4	1	1.9	136.5	0.77	<0.05	12.2	0.340	0.75
N831400		1180	24.8	116.5	0.002	2.00	0.52	9.0	1	1.7	247	0.69	<0.05	11.5	0.299	0.67
N831401		200	31.8	98.8	0.002	1.64	0.49	7.8	1	1.4	118.0	0.61	<0.05	10.5	0.281	0.69
N831402		320	21.5	72.6	0.002	1.01	0.21	5.7	1	1.0	298	0.37	<0.05	6.2	0.161	0.69
N831403		340	39.1	153.0	0.002	1.59	0.67	13.7	2	2.2	143.0	0.77	0.07	13.2	0.347	1.50
N831404		660	17.0	169.0	<0.002	0.61	0.55	14.7	1	2.6	138.0	0.87	0.08	13.0	0.383	1.07
N831405		990	9.1	161.0	<0.002	0.09	0.40	16.6	1	2.8	82.5	0.96	0.10	11.5	0.434	1.06
N831406		730	8.8	105.0	0.002	0.11	0.44	8.7	1	1.5	400	0.50	0.05	8.1	0.239	0.57
N831407		980	8.3	101.0	0.002	0.12	0.31	8.4	1	1.5	482	0.52	0.05	8.3	0.240	0.57
N831408		800	11.8	132.0	0.003	0.28	0.47	11.3	1	1.7	311	0.61	0.05	10.2	0.297	0.87
N831409		520	13.6	203	0.002	0.72	0.52	16.9	2	2.8	91.1	0.96	0.08	16.0	0.433	1.34
N831410		1320	13.0	153.5	0.002	1.76	0.56	17.5	1	2.8	243	0.95	0.23	13.6	0.457	1.28
N831411		490	10.0	67.7	0.002	0.07	0.29	6.2	2	1.3	341	0.49	<0.05	8.1	0.191	0.33
N831412		400	8.6	60.8	0.002	0.04	0.27	6.2	2	1.3	378	0.48	<0.05	7.7	0.183	0.31
N831413		340	13.6	56.5	<0.002	0.07	0.29	6.2	1	1.3	531	0.48	<0.05	7.8	0.180	0.26
N831414		490	6.3	133.5	0.002	0.02	0.34	12.9	1	2.4	178.0	0.94	<0.05	16.3	0.338	0.58
N831415		530	7.8	104.5	0.002	0.09	0.38	7.2	3	1.5	208	0.55	<0.05	9.3	0.218	0.60
N831416		360	7.1	71.9	0.002	0.11	0.35	5.3	2	1.1	324	0.39	<0.05	6.6	0.153	0.49
N831417		320	5.2	62.1	0.002	0.15	0.22	4.6	2	0.9	384	0.33	<0.05	5.2	0.130	0.42
N831418		540	7.8	80.5	0.002	0.30	0.41	5.9	2	1.3	469	0.44	<0.05	7.0	0.174	0.48
N831419		480	7.6	81.6	0.003	0.45	0.44	6.3	2	1.4	471	0.51	<0.05	8.4	0.192	0.57
N831420		500	10.2	89.9	0.002	1.25	0.54	7.1	3	1.5	166.5	0.53	<0.05	9.2	0.217	0.87
N831421		440	8.5	90.2	<0.002	0.99	0.53	7.1	2	1.6	134.0	0.55	<0.05	8.9	0.220	0.88
N831422		500	9.3	117.5	<0.002	0.03	0.27	12.4	1	2.4	157.5	0.96	<0.05	16.5	0.343	0.54
N831423		440	12.8	126.0	0.002	0.02	0.38	12.7	1	2.3	206	0.94	<0.05	15.9	0.335	0.61
N831424		430	23.3	138.5	<0.002	0.08	0.40	15.3	1	2.2	265	0.79	0.07	13.5	0.381	0.66
N831425		460	12.1	166.5	0.002	0.01	0.48	16.6	1	2.6	148.0	0.91	0.06	14.9	0.415	0.73
N831426		190	24.3	97.6	0.002	0.07	0.64	7.6	1	1.5	288	0.66	<0.05	10.9	0.322	0.47
N831427		240	19.7	94.8	0.002	0.39	0.55	7.2	1	1.4	392	0.61	<0.05	9.8	0.264	0.48
N831428		490	12.7	87.9	<0.002	0.44	0.38	6.7	1	1.3	485	0.55	<0.05	8.8	0.233	0.37

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N831389		3.2	76	2.0	22.1	17	119.5
N831390		3.3	63	1.0	18.0	42	98.9
N831391		3.7	62	1.0	17.5	31	96.0
N831392		3.3	63	1.0	17.1	36	99.1
N831393		3.2	65	1.0	19.0	54	98.5
N831394		2.8	62	1.0	17.8	39	94.4
N831395		2.8	44	0.7	11.7	42	66.4
N831396		2.2	49	0.8	13.9	8	72.2
N831397		3.1	80	1.3	19.0	18	109.5
N831398		2.7	64	1.1	16.1	20	89.2
N831399		2.8	78	1.3	17.9	16	109.0
N831400		3.0	72	1.4	18.5	74	104.5
N831401		2.5	59	1.0	17.2	41	106.0
N831402		3.1	44	0.7	10.8	84	50.4
N831403		3.0	94	1.6	21.3	119	95.7
N831404		3.2	108	1.7	22.1	44	115.0
N831405		2.7	127	1.8	22.1	43	124.0
N831406		5.5	65	1.0	15.9	25	76.9
N831407		6.2	65	1.0	17.0	24	80.2
N831408		6.2	85	1.2	20.0	23	94.1
N831409		2.7	120	2.0	24.6	29	124.5
N831410		2.6	120	3.2	23.1	36	118.0
N831411		7.6	56	0.7	12.8	58	72.1
N831412		6.9	52	0.7	12.1	60	57.9
N831413		9.5	50	0.7	11.5	82	55.3
N831414		3.1	58	1.2	20.0	114	99.6
N831415		5.9	69	0.8	14.3	27	78.9
N831416		9.4	46	0.6	10.9	135	61.5
N831417		7.9	39	0.5	9.6	16	42.8
N831418		7.2	54	0.7	11.3	15	64.0
N831419		6.2	55	1.0	12.0	24	75.2
N831420		4.7	66	0.9	13.4	18	79.0
N831421		4.9	61	0.9	12.2	13	73.4
N831422		4.0	63	1.4	19.9	107	99.0
N831423		2.9	64	1.2	20.6	109	97.2
N831424		3.2	91	1.9	21.9	98	109.0
N831425		2.9	95	1.6	22.4	127	116.5
N831426		2.8	57	1.2	19.5	33	96.7
N831427		3.0	55	1.0	16.4	29	87.9
N831428		3.0	53	0.8	14.3	36	83.5

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831429	0.90	<0.01	0.09	4.87	<5	260	1.37	0.22	14.05	0.04	63.1	6.9	42	5.85	22.6
N831430	1.04	0.01	0.07	3.58	<5	270	1.01	0.15	18.25	0.02	53.8	5.7	32	4.28	15.3
N831431	1.05	<0.01	0.10	5.57	6.1	310	1.64	0.25	9.51	0.05	75.1	6.9	57	6.81	18.3
N831432	1.46	<0.01	0.07	4.26	7	320	1.16	0.18	15.45	0.02	59.8	6.7	38	5.31	16.7
N831433	1.03	<0.01	0.07	4.07	5	490	1.15	0.18	15.05	0.02	60.9	6.1	37	5.52	15.1
N831434	1.18	<0.01	0.07	4.86	<5	500	1.41	0.20	12.60	<0.02	60.8	6.8	42	6.57	17.8
N831435	0.88	<0.01	0.09	4.35	5	220	1.22	0.19	12.70	0.02	71.8	6.8	46	5.45	16.2
N831436	0.87	<0.01	0.07	9.82	17.1	360	2.77	0.35	0.15	0.03	81.0	15.2	71	14.20	37.8
N831437	1.06	<0.01	0.04	9.51	4.8	350	2.76	0.42	0.13	<0.02	75.2	17.7	69	14.45	43.9
N831438	1.08	<0.01	0.07	9.91	19.7	720	2.83	0.38	0.14	0.02	105.5	22.0	74	12.20	43.4
N831439	1.12	<0.01	0.07	9.34	14.1	400	2.27	0.39	0.22	0.03	86.3	16.7	75	12.65	41.4
N831440	0.89	<0.01	0.05	8.47	13.4	300	2.03	0.37	0.27	<0.02	81.6	15.6	68	13.95	34.2
N831441	1.31	<0.01	0.05	8.87	11.5	340	2.37	0.42	0.28	0.02	71.2	18.2	74	11.45	41.1
N831442	0.54	<0.01	0.08	4.06	8.5	180	1.06	0.19	9.93	<0.02	65.5	5.5	40	4.84	12.9
N831443	1.21	<0.01	0.08	4.81	10.6	250	1.24	0.22	5.20	<0.02	90.3	7.4	51	5.39	16.5
N831444	1.19	<0.01	0.13	6.00	12.9	280	1.52	0.30	5.44	0.02	89.9	11.0	57	8.32	26.7
N831445	0.75	<0.01	0.12	5.86	15.7	250	1.46	0.27	6.46	0.03	86.1	10.8	56	8.21	26.5
N831446	0.77	<0.01	0.07	4.80	11	220	1.25	0.23	11.35	0.07	52.8	7.6	41	6.80	19.2
N831447	0.52	<0.01	0.11	4.31	13	300	1.13	0.19	14.80	0.06	67.6	6.2	42	8.11	16.3
N831448	0.79	<0.01	0.06	3.50	9	180	0.94	0.19	21.1	0.13	39.2	4.5	30	11.10	12.9
N831449	0.58	<0.01	0.14	7.75	27.6	310	1.81	0.35	9.65	0.06	71.7	9.1	67	31.1	27.3
N831450	0.74	<0.01	0.08	8.66	21.0	370	2.42	0.42	1.91	0.03	72.5	14.1	71	40.7	39.1
N831451	0.91	<0.01	0.13	8.29	46.9	520	2.27	0.42	2.49	0.03	75.7	17.7	64	36.6	28.5
N831452	0.64	<0.01	0.07	6.28	6	420	1.66	0.30	10.75	0.03	65.7	10.9	44	21.6	21.5
N831453	0.61	<0.01	0.07	5.49	8	300	1.56	0.22	12.45	0.10	57.3	10.4	39	18.80	51.8
N831454	0.47	<0.01	0.03	5.15	<5	340	1.58	0.19	13.25	0.06	55.1	6.3	36	17.30	28.1
N831455	0.55	<0.01	0.04	6.91	14.5	380	2.15	0.34	7.46	0.03	70.2	10.1	55	26.8	27.2
N831456	0.69	0.42	0.08	4.95	497	220	1.47	0.23	12.10	0.05	52.7	10.9	39	14.20	19.1
N831457	0.55	<0.01	0.08	6.07	145	250	1.88	0.22	11.30	0.04	63.5	7.4	47	18.80	23.4
N831458	0.52	<0.01	0.05	3.26	39	260	1.12	0.14	20.7	0.04	37.6	4.8	25	7.15	11.1
N831459	0.55	<0.01	0.06	5.55	65	250	1.33	0.23	11.15	0.06	62.9	8.5	44	9.26	30.6
N831460	1.06	<0.01	0.09	3.79	80	240	0.94	0.19	13.80	<0.02	56.2	9.7	34	5.46	18.7
N831461	0.83	<0.01	0.05	2.93	<5	230	0.88	0.13	21.6	<0.02	39.9	3.2	25	5.60	9.5
N831462	0.57	<0.01	0.10	4.46	35	230	1.24	0.22	14.30	0.03	65.7	8.2	42	9.93	18.1
N831463	0.86	<0.01	0.15	5.97	40.2	470	1.72	0.29	9.72	0.02	89.9	7.9	60	15.85	21.8
N831464	0.96	<0.01	0.21	6.84	70.5	320	1.87	0.36	3.69	0.07	95.3	12.0	68	17.05	33.7
N831465	1.01	<0.01	0.10	4.09	22	300	1.07	0.18	13.45	0.06	56.2	6.1	38	8.91	15.7
N831466	1.02	<0.01	0.12	2.99	32	150	0.77	0.14	15.40	0.07	42.3	5.1	29	6.50	12.3
N831467	1.23	<0.01	0.11	6.05	51.6	330	1.68	0.31	5.27	0.09	93.1	9.6	61	12.80	22.8
N831468	0.99	<0.01	0.12	4.77	62	250	1.28	0.26	10.80	0.05	67.2	8.4	43	12.85	21.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831429		2.28	12.45	0.20	2.8	0.05	0.036	2.50	32.3	20.5	1.05	246	0.24	0.04	8.1	20.0
N831430		1.85	8.92	0.22	2.2	<0.1	0.027	1.90	27.1	13.5	0.96	374	0.21	0.03	6.2	14.4
N831431		2.09	14.15	0.22	3.5	0.06	0.043	2.96	38.9	21.3	1.22	233	0.25	0.04	9.4	16.2
N831432		2.12	10.90	0.18	2.5	0.05	0.034	2.25	30.8	12.9	0.91	214	0.22	0.03	6.8	16.5
N831433		1.59	10.30	0.23	2.4	0.05	0.032	2.17	30.0	12.9	0.89	261	0.18	0.03	7.0	16.2
N831434		1.84	12.25	0.28	2.7	<0.1	0.037	2.62	31.7	15.1	0.94	236	0.21	0.03	8.0	16.4
N831435		1.96	11.00	0.21	2.7	0.1	0.029	2.31	36.5	11.9	1.18	347	0.27	0.03	7.4	16.6
N831436		3.94	25.5	0.26	3.4	0.02	0.067	3.57	40.4	93.3	1.00	545	0.31	0.24	12.8	39.7
N831437		3.98	25.3	0.21	3.3	0.5	0.065	3.34	34.5	94.6	0.77	1410	0.31	0.26	12.4	41.9
N831438		4.33	25.8	0.26	3.4	0.06	0.064	3.19	52.8	156.5	1.19	2070	0.38	0.24	12.7	55.5
N831439		4.16	24.0	0.15	3.2	0.05	0.063	3.11	44.5	168.0	1.12	900	0.34	0.23	11.5	40.1
N831440		4.35	21.5	0.14	3.1	0.05	0.064	2.94	41.7	145.5	1.17	745	0.28	0.21	10.5	36.4
N831441		5.74	24.1	0.16	3.1	0.05	0.071	3.02	34.4	130.5	1.28	1410	0.38	0.21	11.3	42.5
N831442		1.91	9.97	0.09	2.1	0.08	0.038	2.13	32.9	11.7	1.62	383	0.26	0.03	6.4	13.0
N831443		2.14	12.35	0.15	3.3	0.12	0.048	2.54	44.8	12.3	1.54	349	0.34	0.03	8.8	16.5
N831444		2.66	16.00	0.17	3.5	0.16	0.051	3.19	43.9	16.6	0.85	180	0.43	0.03	10.9	27.8
N831445		3.94	14.50	0.15	3.1	0.21	0.040	3.07	42.7	14.3	0.75	206	0.41	0.04	9.7	31.2
N831446		2.83	11.90	0.13	2.6	0.12	0.028	2.51	28.7	10.6	3.26	479	0.40	0.03	7.3	18.1
N831447		2.03	10.45	0.13	2.4	0.19	0.033	2.28	35.3	11.2	0.76	221	0.32	0.04	6.6	13.9
N831448		1.86	9.02	0.08	1.6	0.09	0.036	1.83	21.2	9.1	2.70	696	0.27	0.03	4.8	10.0
N831449		3.16	19.05	0.15	2.5	0.33	0.052	4.09	42.6	16.0	1.45	443	0.83	0.04	9.2	24.0
N831450		3.28	24.7	0.19	3.2	0.11	0.067	5.15	35.8	22.9	1.16	346	0.30	0.04	11.9	31.9
N831451		3.92	23.1	0.18	3.1	0.21	0.062	4.60	39.1	25.4	1.33	392	1.03	0.04	11.0	41.6
N831452		2.82	16.90	0.16	2.9	0.08	0.053	3.16	35.7	23.9	2.35	536	0.51	0.04	9.0	22.9
N831453		2.81	14.75	0.14	2.6	0.07	0.047	2.92	31.2	34.7	2.66	540	0.33	0.04	7.7	23.8
N831454		2.49	13.80	0.14	2.5	0.04	0.041	2.79	29.5	12.7	2.92	404	0.23	0.04	7.1	19.8
N831455		2.28	19.90	0.19	3.5	0.05	0.060	4.04	37.2	16.5	1.69	296	0.22	0.05	10.9	26.8
N831456		2.18	13.65	0.16	2.5	0.65	0.051	2.66	28.7	11.4	2.29	432	0.56	0.03	7.2	21.9
N831457		2.56	16.05	0.18	2.9	0.31	0.047	3.28	33.9	14.8	2.61	459	0.50	0.03	8.7	20.5
N831458		1.88	8.94	0.13	1.7	0.20	0.028	1.69	20.0	8.4	3.54	457	0.35	0.02	4.8	10.8
N831459		2.62	14.25	0.14	2.6	0.39	0.044	2.89	33.9	9.3	3.67	439	0.42	0.03	7.7	18.6
N831460		3.43	9.54	0.12	2.2	0.73	0.028	1.93	27.7	8.6	4.13	799	0.29	0.02	6.3	25.3
N831461		1.89	7.54	0.10	1.6	0.07	0.021	1.54	20.4	8.0	2.90	833	0.14	0.03	4.5	8.2
N831462		2.06	11.40	0.15	2.6	0.16	0.032	2.38	33.6	10.4	0.85	347	0.33	0.03	7.3	20.3
N831463		2.30	16.05	0.19	3.4	0.13	0.046	3.20	46.6	13.5	1.03	210	0.36	0.03	10.1	22.6
N831464		3.23	18.65	0.18	3.8	0.21	0.049	3.72	48.9	16.8	1.26	210	0.54	0.04	11.6	33.6
N831465		2.46	10.30	0.12	2.3	0.10	0.030	2.23	28.5	9.6	3.21	626	0.28	0.03	6.3	15.5
N831466		3.59	7.14	0.09	1.6	0.10	0.025	1.61	21.5	7.2	4.24	780	0.27	0.02	4.5	14.9
N831467		2.27	15.75	0.16	3.5	0.15	0.051	3.30	46.7	14.8	1.48	232	0.37	0.03	11.5	27.4
N831468		2.94	11.85	0.13	2.3	0.24	0.027	2.59	34.4	15.1	1.97	422	0.46	0.03	7.4	23.0

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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831429		270	24.0	102.5	0.002	0.94	0.50	7.5	1	1.5	364	0.59	<0.05	10.2	0.257	0.45
N831430		260	21.6	76.2	<0.002	0.89	0.39	5.9	1	1.2	444	0.47	<0.05	7.8	0.216	0.38
N831431		270	25.4	117.5	0.002	0.84	0.86	8.8	1	1.8	195.5	0.72	<0.05	11.8	0.319	0.54
N831432		230	24.8	85.2	0.002	1.65	0.41	6.9	1	1.3	315	0.53	<0.05	8.8	0.238	0.38
N831433		270	17.8	87.7	0.003	0.95	0.44	6.6	1	1.2	311	0.53	<0.05	8.7	0.247	0.37
N831434		210	22.8	104.0	0.002	1.10	0.46	7.8	1	1.5	250	0.59	<0.05	10.0	0.262	0.45
N831435		320	27.3	88.2	0.002	1.41	0.44	6.6	1	1.4	238	0.56	<0.05	9.7	0.289	0.44
N831436		680	13.9	152.5	0.002	0.01	0.85	17.2	1	2.7	117.5	0.99	0.10	13.3	0.436	0.82
N831437		630	16.2	144.0	<0.002	0.03	0.77	17.0	1	2.7	116.5	0.95	0.09	12.8	0.421	0.75
N831438		660	19.5	151.5	0.003	0.21	1.80	17.5	1	2.9	460	0.98	0.05	16.6	0.440	0.82
N831439		680	26.8	141.0	<0.002	0.06	0.90	15.3	1	2.6	202	0.93	0.07	14.8	0.439	0.78
N831440		560	23.9	133.5	<0.002	0.11	0.76	14.5	1	2.4	108.0	0.86	0.08	13.4	0.419	0.72
N831441		500	29.3	107.0	<0.002	0.12	1.15	15.9	1	2.6	153.0	0.93	0.06	12.2	0.433	0.76
N831442		320	21.3	80.9	<0.002	0.85	0.48	6.7	1	1.2	226	0.49	<0.05	8.1	0.259	0.44
N831443		180	28.5	102.0	<0.002	1.15	0.66	7.9	1	1.6	74.0	0.71	<0.05	10.8	0.370	0.60
N831444		330	46.9	123.5	<0.002	2.22	0.82	10.4	1	1.9	147.5	0.87	<0.05	12.7	0.365	0.86
N831445		590	42.8	118.0	<0.002	3.83	0.80	9.4	1	1.8	122.5	0.75	<0.05	12.1	0.344	0.76
N831446		850	38.1	96.7	<0.002	2.33	0.62	7.0	1	1.5	161.0	0.57	<0.05	9.4	0.256	0.59
N831447		150	39.5	87.0	<0.002	1.70	0.42	6.4	1	1.2	231	0.52	<0.05	8.6	0.260	0.61
N831448		690	20.9	75.8	<0.002	0.84	0.23	5.5	1	1.0	346	0.37	0.07	6.2	0.158	0.54
N831449		290	42.4	149.0	<0.002	1.75	0.45	11.1	1	2.1	216	0.76	0.06	13.0	0.316	1.91
N831450		310	23.2	131.5	<0.002	1.20	0.49	14.6	1	2.7	96.8	0.93	0.13	12.5	0.405	1.60
N831451		410	29.8	142.0	0.002	2.00	0.72	14.6	2	2.5	115.0	0.84	0.07	12.8	0.371	1.52
N831452		1020	11.3	132.5	<0.002	0.20	0.46	11.7	1	2.1	442	0.70	0.06	11.1	0.301	1.30
N831453		800	11.5	115.5	<0.002	0.18	0.43	9.7	1	1.7	302	0.58	0.09	9.4	0.274	0.93
N831454		790	6.4	113.0	<0.002	0.06	0.27	9.6	1	1.6	309	0.56	0.09	8.8	0.262	0.61
N831455		1240	7.9	139.5	<0.002	0.09	0.36	13.2	1	2.5	153.5	0.87	0.10	11.2	0.386	0.90
N831456		880	11.1	107.5	<0.002	0.44	0.66	8.9	1	1.6	226	0.57	0.07	9.0	0.253	2.37
N831457		980	6.4	129.5	<0.002	0.32	0.35	11.3	1	2.0	232	0.69	0.07	10.8	0.304	1.14
N831458		620	5.2	68.3	<0.002	0.13	0.25	6.4	1	1.1	306	0.36	<0.05	5.9	0.158	0.70
N831459		1000	16.2	92.5	<0.002	0.60	0.71	9.5	2	1.7	176.0	0.60	<0.05	9.9	0.272	1.37
N831460		340	34.5	73.7	<0.002	1.96	1.11	5.6	1	1.2	157.0	0.50	<0.05	8.1	0.220	2.15
N831461		600	13.2	61.7	<0.002	0.74	0.22	4.8	1	0.9	284	0.34	<0.05	5.8	0.152	0.65
N831462		1590	24.7	94.3	<0.002	1.54	0.53	6.8	1	1.3	225	0.60	0.05	9.5	0.260	1.64
N831463		300	25.8	125.5	<0.002	1.47	0.53	9.2	2	1.8	212	0.81	<0.05	13.0	0.366	1.68
N831464		620	48.9	147.5	<0.002	2.48	0.99	11.2	1	2.3	81.6	0.91	<0.05	14.6	0.386	2.24
N831465		450	25.4	87.7	<0.002	0.96	0.46	6.2	1	1.3	237	0.53	<0.05	8.4	0.238	0.86
N831466		310	20.5	62.8	<0.002	1.42	0.46	4.6	1	0.9	162.0	0.37	<0.05	5.8	0.178	0.56
N831467		360	23.1	133.5	<0.002	1.10	0.75	9.9	1	2.0	92.8	0.91	<0.05	13.4	0.375	1.08
N831468		590	21.6	100.5	<0.002	1.93	0.56	7.6	1	1.4	204	0.58	<0.05	9.6	0.268	0.99

***** See Appendix Page for comments regarding this certificate *****

ALS Minerals
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N831429		3.1	58	1.0	16.2	52	86.7
N831430		2.8	44	0.8	13.0	33	71.0
N831431		3.4	69	1.2	19.4	54	105.5
N831432		3.0	51	0.8	14.0	23	76.4
N831433		2.5	49	0.9	14.5	24	78.1
N831434		2.9	57	0.9	16.2	39	87.4
N831435		2.9	55	0.9	15.4	17	85.1
N831436		3.0	97	1.6	20.9	91	108.0
N831437		2.9	95	1.8	20.1	87	102.5
N831438		3.2	99	2.0	22.5	94	110.0
N831439		2.9	101	1.6	18.0	100	108.5
N831440		2.7	94	1.4	17.4	108	105.0
N831441		2.7	102	1.5	16.5	104	101.5
N831442		2.3	55	0.9	13.2	15	73.5
N831443		2.0	68	1.1	15.2	8	98.9
N831444		2.7	79	1.4	19.8	29	117.5
N831445		2.8	78	1.2	19.7	17	119.0
N831446		3.1	61	1.0	11.5	11	87.2
N831447		2.7	58	0.8	12.4	44	77.6
N831448		3.2	42	0.6	10.8	81	55.2
N831449		4.0	85	1.3	15.6	75	86.8
N831450		2.8	107	1.7	17.2	65	113.0
N831451		3.0	105	1.6	18.5	49	106.0
N831452		5.2	86	1.4	18.7	32	101.5
N831453		5.1	78	1.2	18.3	32	89.5
N831454		4.0	76	1.0	15.5	36	84.5
N831455		3.9	107	1.6	22.2	27	121.0
N831456		5.2	71	2.9	15.7	22	84.4
N831457		8.4	87	2.4	19.1	25	101.0
N831458		5.1	47	1.2	13.4	16	60.1
N831459		6.5	76	1.7	16.4	19	92.4
N831460		3.2	44	1.8	14.1	8	81.4
N831461		3.2	33	0.6	11.6	14	64.8
N831462		4.9	57	1.0	16.6	28	95.2
N831463		6.0	76	1.6	18.2	34	112.0
N831464		5.1	95	1.9	21.5	47	127.5
N831465		4.1	53	1.2	12.0	30	74.9
N831466		2.9	38	1.2	9.3	57	54.1
N831467		4.6	78	2.2	18.3	71	115.0
N831468		4.3	62	1.2	15.0	23	98.5

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831469		1.16	<0.01	0.10	5.24	48	280	1.23	0.25	11.75	0.04	74.5	7.2	48	13.85	18.1
N831470		0.98	<0.01	0.09	3.24	11	200	0.74	0.15	20.7	0.07	50.5	4.7	29	7.88	12.7
N831471		0.68	<0.01	0.07	2.59	20	330	0.66	0.13	21.0	0.05	43.9	4.0	23	5.54	9.8
N831472		0.68	<0.01	0.04	8.60	27.0	350	2.51	0.39	0.44	0.04	90.0	16.8	70	12.90	45.3
N831473		1.14	<0.01	0.04	8.42	12.7	410	2.55	0.41	0.30	0.03	93.8	18.7	68	15.00	45.0
N831474		1.36	<0.01	0.16	7.63	18.4	440	2.00	0.35	1.45	0.14	94.6	17.8	59	11.35	35.4
N831475		0.89	<0.01	0.14	7.62	29.1	370	2.01	0.31	2.77	0.02	77.3	16.5	67	12.65	33.6
N831476		1.21	<0.01	0.22	5.97	12	250	1.38	0.20	12.65	0.02	65.6	8.4	51	10.95	20.6
N831477		1.09	<0.01	0.06	6.75	41.4	360	1.64	0.25	8.58	0.03	75.1	12.1	59	11.95	23.5
N831478		1.03	<0.01	0.02	2.41	10	170	0.61	0.08	23.8	0.05	29.6	3.9	22	4.72	7.9
N831479		0.83	<0.01	0.06	2.41	9	260	0.62	0.10	26.2	0.06	28.8	3.9	25	9.31	10.6
N831480		0.83	<0.01	0.06	2.47	11	150	0.68	0.10	25.3	<0.02	28.8	3.8	23	10.40	9.3
N831481		0.73	<0.01	0.10	3.21	36	370	0.86	0.12	23.1	0.05	36.0	8.9	32	14.40	19.2
N831482		0.87	<0.01	0.09	7.43	57.0	570	2.17	0.37	3.03	<0.02	69.0	13.2	66	44.7	30.1
N831483		1.08	<0.01	0.10	6.98	50.3	390	1.95	0.30	2.73	0.03	77.8	13.1	58	40.3	34.0
N831484		1.02	<0.01	0.15	5.60	92.0	700	1.56	0.23	9.51	0.08	61.5	19.5	47	28.7	28.7
N831485		0.73	<0.01	0.04	2.09	<5	2150	0.55	0.05	23.2	0.15	28.9	3.2	21	11.35	12.8
N831486		0.70	0.01	0.09	2.24	11	600	0.76	0.07	22.4	0.07	26.3	3.6	23	8.89	9.9
N831487		0.81	0.01	0.09	2.95	12	390	0.90	0.09	17.15	0.12	33.2	5.3	33	10.35	18.3
N831488		0.94	0.01	0.09	3.92	66	200	1.28	0.17	17.55	0.09	37.2	7.3	41	11.65	27.0
N831489		0.83	0.01	0.13	4.41	237	410	1.57	0.15	10.25	0.19	42.9	7.5	49	11.75	21.7
N831490		0.49	<0.01	0.02	7.48	6.2	360	1.89	0.25	3.21	0.13	71.5	11.7	69	12.15	27.9

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VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831469		2.09	13.40	0.15	3.0	0.24	0.038	2.80	38.9	12.3	0.90	202	0.30	0.03	9.1	16.6
N831470		1.66	7.66	0.13	1.8	0.31	0.026	1.66	25.6	8.6	0.69	183	0.24	0.02	4.9	11.3
N831471		1.32	6.44	0.13	1.5	0.27	0.020	1.34	22.4	6.3	0.64	175	0.20	0.02	4.1	9.4
N831472		4.30	26.8	0.19	3.4	0.03	0.079	3.05	44.9	134.0	1.26	516	0.29	0.24	12.9	40.1
N831473		4.52	25.5	0.19	3.5	0.03	0.070	2.74	46.6	181.5	1.20	1130	0.62	0.24	12.1	42.5
N831474		4.10	21.7	0.17	3.2	0.06	0.056	2.31	50.3	175.0	1.12	1490	0.62	0.20	10.2	38.0
N831475		3.80	20.4	0.14	2.7	0.08	0.055	2.55	38.5	167.0	1.35	1100	1.05	0.19	10.4	31.7
N831476		2.98	14.65	0.11	2.1	0.07	0.041	2.09	33.5	114.5	0.85	532	0.99	0.14	7.7	18.8
N831477		3.21	17.95	0.14	2.5	0.27	0.052	2.58	38.6	148.5	1.15	350	0.48	0.13	9.5	26.6
N831478		1.92	5.94	0.09	1.0	0.08	0.011	0.87	13.6	45.9	0.58	209	0.30	0.06	3.2	9.5
N831479		1.37	6.13	0.10	0.9	0.16	0.014	1.28	14.4	7.3	2.31	350	0.26	0.02	3.4	9.4
N831480		1.34	6.12	0.10	0.9	0.13	0.016	1.31	14.5	7.1	1.87	397	0.21	0.02	3.3	8.7
N831481		2.65	8.02	0.10	1.2	0.21	0.023	1.71	19.1	6.9	1.61	468	0.63	0.02	4.1	23.5
N831482		2.89	22.1	0.16	2.8	0.12	0.057	4.58	34.0	15.6	1.35	331	0.46	0.04	11.1	30.8
N831483		3.00	19.55	0.19	2.7	0.27	0.064	4.12	38.9	14.8	1.41	426	0.84	0.04	9.9	31.3
N831484		3.09	15.45	0.13	2.2	0.30	0.039	3.06	33.3	11.8	3.54	445	1.00	0.03	8.1	40.4
N831485		1.00	5.40	0.11	1.4	0.07	0.012	1.40	13.5	12.3	2.36	197	0.43	0.03	3.2	8.4
N831486		1.01	5.86	0.12	1.6	0.14	0.011	1.44	13.2	12.8	2.39	159	0.60	0.03	3.8	9.4
N831487		1.25	8.04	0.13	2.2	0.15	0.015	1.84	16.1	16.5	4.13	192	0.71	0.04	5.3	12.9
N831488		1.60	9.83	0.18	1.8	0.45	0.019	2.25	18.3	22.7	2.47	179	0.83	0.03	5.6	17.9
N831489		1.69	12.35	0.17	3.3	0.47	0.030	2.68	22.4	26.2	2.79	196	0.68	0.04	7.7	18.0
N831490		3.67	19.70	0.16	2.5	0.02	0.048	3.00	35.9	42.8	2.78	947	0.10	0.22	12.1	47.7

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Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831469		520	15.3	110.5	<0.002	1.48	0.50	7.6	1	1.6	327	0.71	<0.05	10.9	0.320	1.58
N831470		220	10.5	66.3	<0.002	1.25	0.33	5.0	1	0.9	619	0.40	<0.05	6.4	0.188	1.66
N831471		120	15.1	52.7	<0.002	1.01	0.32	4.0	1	0.8	399	0.33	<0.05	5.3	0.160	0.64
N831472		560	31.7	132.0	<0.002	0.21	0.79	16.8	2	2.9	129.5	1.03	0.11	15.1	0.432	0.82
N831473		740	30.0	135.0	<0.002	0.22	1.43	16.7	1	2.7	133.0	0.98	0.07	14.9	0.392	0.78
N831474		860	44.7	114.0	<0.002	0.22	1.10	14.7	1	2.3	228	0.84	0.08	14.3	0.348	0.62
N831475		730	28.5	96.6	<0.002	0.52	1.24	12.7	1	2.3	223	0.77	<0.05	12.3	0.358	0.72
N831476		440	10.8	94.8	<0.002	0.52	0.60	9.4	2	1.6	413	0.54	<0.05	10.0	0.277	0.53
N831477		780	19.0	118.5	<0.002	2.14	0.44	11.4	1	2.0	418	0.70	<0.05	11.8	0.324	1.65
N831478		810	6.2	41.3	<0.002	1.72	0.17	4.3	1	0.6	780	0.22	<0.05	4.3	0.113	0.43
N831479		850	14.9	49.7	<0.002	0.90	0.21	3.9	1	0.7	628	0.24	<0.05	4.3	0.113	0.62
N831480		560	11.9	49.5	<0.002	0.77	0.17	4.0	<1	0.6	430	0.22	<0.05	4.1	0.111	0.46
N831481		340	32.0	62.7	<0.002	1.90	0.33	5.4	1	0.9	442	0.29	<0.05	5.4	0.138	1.64
N831482		350	23.4	93.6	<0.002	1.60	0.48	12.5	1	2.4	97.4	0.81	0.06	11.3	0.367	1.41
N831483		410	19.6	119.0	<0.002	1.39	0.57	13.3	1	2.1	90.2	0.73	0.08	11.5	0.345	1.12
N831484		610	22.8	120.0	<0.002	1.02	0.93	10.7	1	1.7	129.5	0.56	0.08	10.3	0.260	1.74
N831485		370	4.3	52.6	<0.002	0.11	0.17	3.3	<1	0.6	704	0.23	<0.05	4.3	0.098	0.30
N831486		310	6.4	58.0	<0.002	0.10	0.20	3.6	1	0.8	671	0.27	<0.05	4.9	0.112	0.41
N831487		460	8.8	77.2	<0.002	0.15	0.26	4.8	2	1.1	500	0.39	<0.05	6.8	0.153	0.49
N831488		660	10.3	94.8	<0.002	0.50	0.38	5.9	2	1.1	576	0.40	<0.05	7.4	0.173	0.88
N831489		750	10.0	112.5	<0.002	0.59	0.46	7.2	1	1.6	485	0.58	<0.05	10.2	0.227	1.35
N831490		470	6.6	97.0	<0.002	<0.01	0.41	11.2	1	2.3	142.5	0.89	<0.05	12.3	0.327	0.61

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13131718

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N831469		4.8	63	1.3	15.9	43	105.0
N831470		2.8	39	0.6	10.8	77	60.0
N831471		4.1	31	0.6	9.2	47	50.9
N831472		2.9	98	1.6	19.9	93	115.0
N831473		3.2	90	1.6	22.0	75	114.5
N831474		2.8	80	1.4	21.0	149	107.5
N831475		2.6	80	1.3	17.1	85	90.4
N831476		2.4	58	1.6	13.6	70	71.2
N831477		3.0	70	1.5	17.0	60	89.4
N831478		1.8	22	0.5	8.2	46	32.3
N831479		3.0	29	0.5	8.3	37	33.9
N831480		2.7	29	0.5	8.2	11	32.5
N831481		3.3	38	0.6	10.1	58	41.6
N831482		3.4	97	1.6	17.1	38	94.4
N831483		2.8	88	1.6	21.2	56	93.0
N831484		4.4	77	1.6	16.6	23	81.5
N831485		5.2	37	0.4	7.9	22	51.6
N831486		9.9	37	0.5	7.8	30	58.7
N831487		6.5	51	0.7	10.1	38	78.6
N831488		6.9	61	1.6	10.0	51	65.0
N831489		7.0	70	2.9	13.1	52	122.0
N831490		1.7	47	1.1	15.4	102	88.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 5-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13131718

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: CRU-31, CRU-QC, LOG-22, PUL-31, PUL-QC, SPL-21, WEI-21, WSH-21, WSH-22

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-AA26, Hg-CV41, ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

CERTIFICATE WH13138740

Project: Nadaleen

P.O. No.: 13-C05

This report is for 114 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2013.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831491		1.34	<0.01	0.10	4.16	9	240	1.08	0.22	12.95	0.02	74.8	6.5	41	7.29	16.9
N831492		1.26	<0.01	0.12	5.88	11.3	270	1.64	0.34	6.48	0.03	103.0	9.5	67	10.35	24.9
N831493		1.61	<0.01	0.09	4.35	13	200	1.14	0.23	10.00	0.05	86.2	6.6	43	6.89	18.1
N831494		1.11	<0.01	0.10	4.02	14	170	1.10	0.23	10.70	0.06	72.8	8.0	37	6.75	19.7
N831495		1.10	<0.01	0.11	3.88	8	180	1.00	0.20	12.30	0.05	79.5	5.8	36	8.34	16.1
N831496		1.06	<0.01	0.10	4.14	12	490	1.13	0.21	18.60	0.04	57.1	6.9	31	16.60	23.9
N831497		0.62	<0.01	0.13	7.93	48.0	570	2.00	0.42	2.39	0.04	80.7	14.1	60	40.1	33.7
N831498		1.23	<0.01	0.06	7.57	19.2	380	2.33	0.41	3.31	0.02	71.2	11.0	62	36.8	28.4
N831499		1.08	<0.01	0.11	6.84	17.2	320	1.94	0.30	7.78	0.03	77.7	16.8	49	37.4	42.2
N831500		0.99	<0.01	0.04	6.94	33.0	360	2.16	0.35	5.95	0.03	77.9	10.0	54	41.5	23.3
N831501		0.86	<0.01	0.06	4.88	75	270	1.42	0.25	11.80	0.04	59.5	8.6	34	26.1	35.0
N831502		0.92	0.01	0.06	3.99	15	520	1.22	0.19	16.25	0.04	43.7	7.3	33	15.05	12.6
N831503		1.05	0.08	0.08	8.35	22.1	390	2.27	0.36	2.24	<0.02	85.6	12.9	72	32.8	25.3
N831504		0.48	0.01	0.02	9.03	25.7	410	2.51	0.38	1.70	<0.02	77.9	12.9	79	34.7	32.1
N831505		0.42	0.04	0.03	6.54	159.0	170	1.95	0.31	4.87	0.07	72.6	18.7	59	20.8	36.2
N831506		0.22	<0.01	<0.01	7.20	167.0	3000	2.07	0.31	4.70	0.12	81.6	15.2	59	16.75	57.8
N831507		0.55	<0.01	0.04	9.58	6.3	540	2.51	0.35	0.14	<0.02	55.9	21.1	77	12.10	41.2
N831508		0.50	<0.01	0.05	9.43	6.7	360	2.42	0.38	0.11	0.04	43.5	23.9	79	16.25	44.2
N831509		0.90	<0.01	0.05	9.31	24.9	380	2.50	0.39	0.13	<0.02	48.2	20.4	79	16.80	39.7
N831510		1.07	<0.01	0.03	8.68	7.4	360	2.31	0.35	0.50	<0.02	78.3	18.9	72	16.35	35.9
N831511		1.19	<0.01	0.03	9.42	11.2	340	2.21	0.39	0.34	0.06	97.4	18.4	74	14.05	45.0
N831512		1.29	<0.01	0.05	8.48	18.9	300	2.03	0.37	0.34	0.04	80.7	18.9	67	12.55	35.1
N831513		0.75	<0.01	0.04	8.82	24.6	390	2.15	0.39	1.10	0.04	94.4	20.5	68	13.85	37.0
N831514		0.75	<0.01	0.04	8.23	22.2	330	2.30	0.39	1.35	0.02	69.6	16.0	71	15.45	30.8
N831515		0.35	<0.01	0.06	2.09	20	1480	0.72	0.10	26.4	0.09	19.80	4.6	24	8.02	11.3
N831516		0.78	<0.01	0.04	2.13	15	3480	0.75	0.08	23.9	0.08	25.7	3.8	23	9.17	13.8
N831517		0.91	<0.01	0.05	1.17	15	860	0.48	0.05	28.0	0.26	14.50	2.2	14	3.45	7.7
N831518		0.94	0.01	0.03	2.10	21	1000	0.70	0.07	24.9	0.11	22.7	3.4	24	7.88	12.5
N831519		0.78	<0.01	0.07	1.87	13	650	0.66	0.07	24.1	0.22	21.9	4.0	21	7.72	13.3
N831520		0.85	0.01	0.05	4.08	16	240	1.32	0.14	13.25	0.12	47.6	7.3	43	24.6	33.1
N831521		0.99	<0.01	0.02	3.76	10	290	1.04	0.11	14.60	0.15	44.8	6.1	42	20.0	12.0
N831522		1.07	0.02	0.05	3.63	16	290	1.13	0.11	12.85	0.05	44.0	6.2	41	20.7	20.4
N831523		1.07	<0.01	0.04	3.34	12	790	1.12	0.11	15.80	0.07	38.3	6.4	37	19.35	21.2
N831524		1.21	<0.01	0.06	2.82	9	370	0.94	0.11	17.55	0.11	36.5	5.8	31	13.05	35.1
N831525		1.39	0.01	0.03	3.88	10	260	1.22	0.15	11.20	0.07	47.0	6.1	44	20.6	27.5
N831526		1.04	<0.01	0.02	2.80	19	590	0.98	0.09	18.45	0.12	35.1	3.7	31	6.52	22.3
N831527		0.95	0.01	0.03	3.64	18	220	1.06	0.12	13.05	0.11	43.7	6.0	43	7.41	35.1
N831528		1.02	<0.01	0.04	3.26	37	350	1.05	0.11	16.45	0.10	37.3	7.4	35	5.78	15.0
N831529		1.00	0.01	0.03	3.96	31	590	1.21	0.19	11.00	0.02	48.4	7.0	36	7.05	12.5
N831530		0.97	0.01	0.18	3.98	21	170	1.23	0.16	12.00	0.06	50.1	15.7	48	6.75	64.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831491		2.06	10.30	0.26	2.6	0.08	0.031	2.07	36.9	10.8	0.87	343	0.30	0.03	7.2	16.6
N831492		2.53	14.95	0.27	3.4	0.10	0.047	3.00	50.7	15.0	0.83	233	0.36	0.04	10.8	24.0
N831493		2.82	10.95	0.21	2.5	0.2	0.035	2.14	41.6	11.5	3.00	547	0.31	0.03	7.7	16.7
N831494		2.45	10.45	0.21	2.5	0.13	0.038	2.01	34.7	10.9	2.60	405	0.32	0.03	7.5	19.3
N831495		1.80	9.53	0.23	2.4	0.17	0.025	1.95	39.4	10.6	1.54	258	0.28	0.03	6.6	13.8
N831496		2.17	10.35	0.25	1.6	0.15	0.037	2.08	27.8	10.7	1.34	342	0.40	0.03	5.5	17.8
N831497		3.77	21.0	0.23	3.0	0.21	0.051	4.31	40.1	22.9	1.06	329	0.71	0.04	11.0	35.7
N831498		2.68	21.9	0.25	3.1	0.06	0.059	4.45	34.1	18.6	1.29	344	0.31	0.04	11.8	26.8
N831499		3.03	17.95	0.24	3.3	0.06	0.060	3.65	40.1	17.8	1.65	427	0.36	0.05	10.3	29.0
N831500		2.85	19.65	0.22	3.6	0.02	0.061	3.86	39.2	19.4	1.76	348	0.37	0.05	11.3	26.3
N831501		3.82	12.95	0.19	2.4	0.03	0.037	2.53	30.8	15.8	4.41	503	0.43	0.03	7.3	20.2
N831502		2.04	10.10	0.09	1.8	0.06	0.032	2.06	21.9	10.2	3.79	485	0.44	0.03	5.7	15.7
N831503		2.63	21.7	0.21	3.6	0.10	0.070	4.51	48.6	24.4	1.40	216	0.45	0.05	12.0	28.8
N831504		3.11	23.9	0.20	3.7	0.19	0.077	4.87	41.5	29.2	1.39	245	0.29	0.05	12.9	30.7
N831505		7.28	17.20	0.18	2.7	0.5	0.061	3.38	40.0	21.5	2.68	426	0.56	0.03	9.3	47.5
N831506		4.09	19.75	0.20	3.0	0.01	0.062	2.78	48.1	65.4	3.32	1120	0.25	0.19	12.7	55.3
N831507		5.23	25.1	0.17	3.3	0.03	0.070	2.98	23.3	144.5	0.55	3360	0.34	0.21	12.4	59.6
N831508		4.76	24.9	0.16	3.3	0.02	0.074	3.18	18.1	168.5	0.61	1900	0.49	0.27	12.5	56.2
N831509		4.32	24.1	0.18	3.4	0.02	0.068	3.21	20.2	139.0	0.89	589	0.25	0.26	12.2	41.4
N831510		4.49	23.2	0.20	3.2	0.03	0.075	2.90	39.8	161.0	0.99	1440	0.33	0.21	11.5	41.7
N831511		4.92	23.0	0.17	3.1	0.05	0.067	2.87	53.4	165.0	1.24	753	0.27	0.19	11.4	41.5
N831512		4.32	21.4	0.17	3.0	0.03	0.064	2.60	41.8	169.5	0.99	1150	0.32	0.21	10.7	36.4
N831513		4.58	22.9	0.19	3.1	<0.1	0.066	2.59	50.4	150.0	1.23	1220	0.42	0.20	11.1	38.4
N831514		4.17	22.2	0.18	3.1	0.04	0.068	2.67	34.4	156.0	0.79	518	0.37	0.22	11.1	33.3
N831515		0.97	6.06	0.19	1.2	0.1	0.020	1.13	11.8	15.4	2.35	152	0.93	0.01	3.8	10.8
N831516		0.98	5.59	0.21	1.0	0.1	0.023	1.16	14.0	16.4	1.81	153	0.50	0.02	3.4	9.4
N831517		0.66	3.22	0.20	0.7	0.2	0.009	0.64	8.7	7.2	2.40	113	1.56	0.01	1.9	5.3
N831518		0.90	5.58	0.22	1.3	<1	0.013	1.20	12.3	13.1	2.96	140	0.55	0.01	3.6	8.5
N831519		0.86	5.04	0.23	1.0	0.1	0.015	1.05	12.2	11.5	2.15	151	0.87	0.01	3.3	9.4
N831520		1.83	10.70	0.26	2.0	<0.1	0.037	2.43	23.8	28.6	3.23	243	0.63	0.03	6.7	19.5
N831521		1.83	10.00	0.23	2.0	<0.1	0.034	2.22	22.1	22.1	3.97	265	0.34	0.03	6.3	16.9
N831522		1.57	9.36	0.24	2.0	<0.1	0.025	2.17	21.8	22.2	4.30	250	0.62	0.03	6.1	16.5
N831523		1.55	9.18	0.15	1.5	0.04	0.025	1.93	20.8	20.3	3.07	234	0.30	0.03	5.5	17.2
N831524		1.19	7.75	0.17	1.6	0.04	0.027	1.62	18.1	15.8	2.83	267	0.33	0.03	4.8	15.1
N831525		1.66	11.00	0.20	2.0	0.04	0.034	2.24	25.4	23.0	3.64	310	0.53	0.04	6.7	18.6
N831526		0.75	7.80	0.22	1.7	0.14	0.026	1.44	17.7	13.9	2.42	327	0.37	0.02	4.7	8.6
N831527		1.09	10.05	0.23	2.1	0.15	0.028	1.84	24.1	16.6	3.16	461	0.53	0.03	6.2	10.6
N831528		1.02	9.14	0.24	1.9	0.12	0.025	1.65	20.0	15.5	2.93	432	0.40	0.03	5.7	13.1
N831529		2.24	10.85	0.18	2.1	0.10	0.033	1.98	26.3	28.1	5.09	818	0.37	0.04	6.4	16.0
N831530		1.47	11.20	0.19	2.1	0.09	0.034	2.01	26.7	28.5	3.41	1710	2.32	0.08	6.9	15.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831491		220	26.8	83.7	<0.002	1.27	0.46	6.5	1	1.5	261	0.58	<0.05	9.8	0.261	0.47
N831492		450	39.7	121.5	<0.002	1.57	0.66	9.4	1	2.0	147.0	0.84	0.05	13.8	0.367	0.82
N831493		2070	30.9	86.9	<0.002	1.14	0.53	6.7	1	1.5	142.0	0.61	<0.05	9.9	0.257	0.68
N831494		350	38.6	85.3	<0.002	1.55	0.54	7.1	1	1.4	144.0	0.59	<0.05	9.4	0.233	0.60
N831495		310	40.9	80.4	<0.002	1.43	0.41	6.0	1	1.3	211	0.51	<0.05	8.6	0.234	0.59
N831496		660	26.7	83.4	<0.002	1.31	0.28	7.2	1	1.2	478	0.40	0.06	7.7	0.170	0.81
N831497		320	35.2	125.0	<0.002	2.48	0.57	11.8	1	2.5	192.0	0.85	0.08	12.4	0.360	2.65
N831498		510	17.1	107.0	<0.002	0.35	0.43	13.2	1	2.6	121.5	0.83	0.11	11.0	0.379	1.17
N831499		820	16.3	156.5	<0.002	0.30	0.55	12.8	1	2.3	205	0.75	0.08	11.8	0.328	1.04
N831500		990	9.1	138.5	0.002	0.11	0.35	13.2	1	2.5	147.0	0.87	0.11	11.4	0.357	0.88
N831501		650	6.2	111.0	<0.002	0.09	0.29	9.4	1	1.6	202	0.52	0.07	8.7	0.227	0.74
N831502		780	8.2	78.4	<0.002	0.15	0.29	7.3	1	1.2	445	0.40	0.05	6.6	0.187	0.55
N831503		570	15.5	187.0	<0.002	0.43	0.57	16.5	1	2.4	101.5	0.88	0.08	14.0	0.421	1.20
N831504		860	9.8	157.0	<0.002	0.84	0.30	16.8	<1	2.7	99.8	0.95	0.16	12.8	0.443	1.42
N831505		2290	27.6	134.0	<0.002	6.98	1.21	15.4	1	1.9	167.5	0.67	0.18	10.8	0.390	3.18
N831506		630	10.6	143.5	<0.002	0.08	0.56	13.4	1	2.4	145.0	0.97	0.05	14.8	0.329	0.64
N831507		700	18.6	136.0	<0.002	0.02	1.07	17.7	1	2.6	279	0.94	0.08	10.6	0.420	0.79
N831508		530	25.9	137.5	<0.002	0.01	1.18	17.4	1	2.5	122.0	0.96	0.10	9.2	0.424	0.87
N831509		570	21.4	134.0	<0.002	0.03	0.98	17.3	<1	2.6	123.0	0.93	0.11	10.0	0.447	0.86
N831510		710	20.7	140.5	<0.002	0.03	0.74	16.5	1	2.3	135.5	0.90	0.13	12.8	0.401	0.77
N831511		690	19.9	141.0	<0.002	0.37	0.83	17.4	1	2.3	241	0.88	0.09	14.7	0.435	0.73
N831512		720	20.1	124.5	<0.002	0.39	0.86	15.8	1	2.2	146.0	0.85	0.05	13.1	0.382	0.73
N831513		940	17.5	132.0	<0.002	0.20	0.80	17.0	1	2.2	371	0.87	0.07	14.3	0.389	0.73
N831514		570	23.7	117.0	<0.002	0.39	0.55	15.6	1	2.3	163.0	0.86	<0.05	11.9	0.381	0.76
N831515		230	6.4	45.9	0.002	0.18	0.21	4.1	1	0.8	992	0.29	<0.05	4.6	0.105	0.49
N831516		310	5.3	45.1	<0.002	0.19	0.15	3.8	1	0.7	1015	0.26	<0.05	4.3	0.097	0.56
N831517		200	7.9	23.0	<0.002	0.17	0.20	2.1	<1	0.4	1780	0.14	<0.05	2.5	0.055	0.48
N831518		290	9.3	42.3	<0.002	0.22	0.25	3.7	1	0.8	1435	0.27	<0.05	4.7	0.104	0.70
N831519		280	7.1	39.5	<0.002	0.21	0.27	3.5	1	0.7	701	0.24	<0.05	4.3	0.091	0.59
N831520		440	8.6	94.4	<0.002	0.09	0.36	7.2	2	1.4	278	0.54	<0.05	8.4	0.195	0.74
N831521		430	6.7	87.6	<0.002	0.05	0.26	6.8	1	1.3	272	0.50	<0.05	8.1	0.180	0.55
N831522		440	8.2	81.2	<0.002	0.08	0.32	6.3	1	1.2	255	0.48	<0.05	7.8	0.175	0.54
N831523		400	7.1	82.0	<0.002	0.11	0.25	5.8	2	1.2	340	0.39	<0.05	6.7	0.159	0.45
N831524		610	5.6	68.6	<0.002	0.07	0.27	5.0	2	1.0	425	0.36	<0.05	6.1	0.139	0.45
N831525		510	8.4	94.5	<0.002	0.10	0.29	6.9	2	1.4	212	0.50	<0.05	8.5	0.194	0.55
N831526		400	8.0	55.1	0.002	0.15	0.22	5.0	2	1.0	222	0.35	<0.05	6.1	0.137	0.36
N831527		540	7.5	68.9	0.002	0.20	0.29	6.6	2	1.3	184.5	0.47	<0.05	7.9	0.178	0.39
N831528		390	9.1	64.6	<0.002	0.31	0.30	5.8	2	1.2	305	0.43	<0.05	7.3	0.161	0.60
N831529		340	9.5	79.0	<0.002	0.60	0.31	7.7	2	1.3	138.0	0.46	<0.05	8.2	0.202	0.52
N831530		530	12.3	78.9	<0.002	0.22	0.37	7.1	2	1.5	215	0.52	<0.05	8.8	0.200	0.42

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
N831491		3.1	52	0.9	16.0	15	86.5	
N831492		3.5	78	1.8	21.0	22	117.5	
N831493		3.1	57	1.0	19.8	36	95.4	
N831494		2.8	51	1.2	16.3	17	85.5	
N831495		3.5	47	0.8	14.0	22	77.7	
N831496		3.9	46	0.9	15.0	29	59.3	
N831497		2.8	92	2.4	18.1	65	99.2	
N831498		2.8	101	1.9	19.4	29	112.0	
N831499		4.2	92	1.4	22.2	28	111.5	
N831500		3.4	102	1.8	22.9	28	118.5	
N831501		4.3	65	1.2	16.6	24	80.9	
N831502		6.4	58	1.0	13.7	26	62.7	
N831503		3.2	121	1.7	23.5	24	125.0	
N831504		2.9	131	1.9	21.5	25	126.0	
N831505		3.1	99	3.7	26.9	40	91.8	
N831506		3.4	59	1.6	20.0	108	101.0	
N831507		2.8	99	2.2	15.0	100	114.5	
N831508		2.9	103	1.9	11.9	114	109.0	
N831509		2.8	109	1.7	13.2	109	115.5	
N831510		2.7	94	1.7	18.3	91	107.5	
N831511		2.7	100	1.9	20.6	152	105.5	
N831512		2.7	91	1.6	18.3	77	103.0	
N831513		3.1	91	1.6	22.7	97	106.0	
N831514		2.8	88	2.4	16.8	94	104.0	
N831515		16.3	37	0.5	6.6	23	39.8	
N831516		8.9	34	1.9	8.0	26	31.6	
N831517		15.5	21	0.3	4.4	43	22.2	
N831518		12.6	33	0.6	7.5	36	42.8	
N831519		13.1	32	0.5	7.2	40	33.2	
N831520		6.5	63	1.0	13.3	27	66.6	
N831521		4.4	50	0.8	12.9	34	66.2	
N831522		6.1	59	0.8	12.6	40	68.7	
N831523		5.8	47	0.6	10.9	35	57.5	
N831524		5.6	43	0.6	10.9	26	55.1	
N831525		4.7	59	0.8	13.2	30	72.9	
N831526		7.4	44	0.8	10.3	50	58.3	
N831527		7.4	54	0.9	12.1	55	72.5	
N831528		6.7	47	1.0	10.5	19	66.8	
N831529		3.8	49	1.0	13.0	17	74.5	
N831530		5.7	70	0.9	15.0	18	72.4	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831531		1.12	<0.01	0.06	3.41	20	240	1.00	0.13	17.05	0.09	42.7	7.5	35	4.87	97.1
N831532		1.08	<0.01	0.08	2.60	165	200	0.97	0.09	20.1	0.11	35.5	4.8	29	7.14	18.4
N831533		1.25	0.09	0.13	3.62	518	160	1.25	0.12	14.25	0.25	38.7	6.0	42	7.93	22.3
N831534		1.09	0.01	0.12	2.80	143	190	0.99	0.09	14.55	0.16	40.1	4.7	35	6.75	20.5
N831535		1.09	<0.01	0.06	0.99	75	180	0.40	0.05	27.4	0.17	16.25	1.6	12	2.00	8.1
N831536		1.20	<0.01	0.04	2.51	151	120	0.96	0.08	18.40	0.11	32.7	4.3	29	6.76	18.4
N831537		1.55	<0.01	0.05	3.09	295	190	1.14	0.10	15.40	0.07	40.9	4.4	34	6.75	20.7
N831538		1.17	<0.01	0.03	2.56	207	200	1.00	0.09	20.1	0.11	33.1	4.4	28	5.48	16.6
N831539		1.47	<0.01	0.04	2.18	125	100	0.87	0.08	24.0	0.17	28.2	4.0	24	4.01	18.0
N831540		0.60	0.01	0.09	3.77	20	160	1.17	0.12	15.65	0.16	44.0	8.5	42	4.85	36.1
N831541		0.58	<0.01	0.09	3.95	18	180	1.43	0.13	16.25	0.08	43.3	7.9	45	5.25	30.6
N831542		0.76	<0.01	0.02	3.66	57	310	1.31	0.11	12.45	0.07	46.4	6.4	41	8.06	26.1
N831543		0.98	<0.01	0.04	3.39	200	140	1.15	0.12	14.95	0.08	40.6	6.8	36	6.68	19.2
N831544		1.17	<0.01	0.04	2.65	365	160	0.98	0.10	21.2	0.06	32.6	5.1	30	5.12	21.0
N831545		1.04	<0.01	0.05	2.68	58	160	1.05	0.09	19.40	0.09	35.7	4.9	31	4.29	24.4
N831546		0.89	0.01	0.03	3.25	20	180	1.13	0.13	19.40	0.09	38.7	5.9	35	7.45	30.1
N831547		0.83	0.01	0.04	2.49	18	150	0.87	0.09	18.50	0.23	34.8	4.3	28	4.53	16.0
N831548		0.63	<0.01	0.04	2.69	14	170	0.99	0.11	19.80	0.12	36.3	5.1	28	5.58	27.6
N831549		0.60	<0.01	0.07	2.78	18	180	0.94	0.12	20.3	0.28	35.2	5.2	29	4.50	25.9
N831550		0.44	<0.01	0.09	2.91	21	420	1.11	0.12	19.45	0.32	40.1	7.4	33	4.12	25.5
N831551		0.74	<0.01	0.10	4.90	12.9	220	1.49	0.21	7.85	0.20	61.1	12.6	46	8.65	94.1
N831552		0.37	<0.01	0.01	7.12	8.1	340	2.04	0.25	2.81	0.12	88.5	12.0	68	15.85	17.7
N831553		0.65	<0.01	0.06	9.26	9.2	600	2.59	0.39	0.16	0.03	100.5	22.0	71	12.85	48.8
N831554		0.72	0.01	0.06	10.00	20.3	370	2.70	0.44	0.24	0.05	78.5	26.0	74	16.30	48.9
N831555		0.91	<0.01	0.05	9.21	17.1	370	2.32	0.39	0.20	<0.02	91.9	19.5	69	15.00	38.4
N831556		0.77	<0.01	0.03	8.23	8.2	340	2.18	0.31	0.82	<0.02	91.0	14.6	63	15.65	35.6
N831557		0.78	<0.01	0.04	8.81	13.0	390	2.37	0.40	0.30	0.03	76.1	17.6	71	14.40	39.6
N831558		0.76	<0.01	0.05	7.87	11.1	290	2.48	0.44	0.23	0.03	56.8	19.1	71	13.50	41.1
N831559		1.12	<0.01	0.05	8.96	12.5	400	2.25	0.40	1.03	0.02	111.0	18.1	67	13.75	37.5
N831560		1.03	<0.01	0.05	9.50	20.2	350	2.25	0.43	0.81	0.04	98.8	19.4	75	16.00	36.1
N831561		0.49	<0.01	0.05	9.02	22.9	330	2.54	0.45	1.02	0.04	101.5	16.5	71	17.70	36.6
N831562		0.71	<0.01	0.04	7.80	14.5	350	1.95	0.33	5.41	0.02	84.5	11.4	63	14.55	28.8
N831563		0.67	<0.01	0.05	7.53	15	360	1.68	0.37	13.05	0.09	82.2	10.0	54	13.85	24.7
N831564		1.23	<0.01	0.05	6.04	13.6	250	1.54	0.30	6.96	0.04	78.0	10.4	45	15.25	22.7
N831565		1.03	0.02	0.05	5.30	13	230	1.34	0.25	15.05	0.05	65.9	9.2	38	15.95	20.5
N831566		1.39	<0.01	0.06	4.71	14	230	1.19	0.19	18.20	0.06	63.5	7.1	36	12.60	17.3
N831567		0.90	<0.01	0.05	4.79	13	250	1.14	0.21	19.40	0.09	57.9	6.7	35	15.05	16.2
N831568		0.85	<0.01	0.04	2.93	8	370	0.73	0.11	25.1	0.02	37.9	4.6	24	7.30	11.0
N831569		0.73	<0.01	0.05	3.58	5	1260	1.07	0.13	17.90	0.07	47.0	5.1	32	12.45	19.2
N831570		0.68	<0.01	0.07	1.86	10	240	0.65	0.07	26.2	0.09	26.2	3.2	18	5.04	12.3

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N831531		1.43	9.23	0.20	1.8	0.09	0.028	1.69	22.3	22.2	3.88	2110	0.91	0.04	5.8	10.5
N831532		1.08	7.00	0.24	1.5	0.14	0.022	1.55	17.6	23.4	2.34	157	0.87	0.02	4.4	13.3
N831533		1.31	9.64	0.24	2.5	0.3	0.026	2.10	22.1	31.4	4.14	214	1.60	0.03	6.5	16.5
N831534		1.08	7.47	0.23	1.9	0.3	0.024	1.66	20.6	24.5	3.65	187	1.08	0.03	5.3	13.6
N831535		0.45	2.68	0.22	0.7	0.1	0.009	0.55	8.9	10.4	1.68	147	0.89	0.01	1.8	4.0
N831536		1.08	6.77	0.23	1.4	0.1	0.019	1.31	16.9	41.8	3.10	179	0.72	0.02	4.2	12.3
N831537		1.43	8.43	0.24	1.8	0.04	0.023	1.44	21.7	69.2	3.20	196	0.71	0.03	5.2	12.9
N831538		1.21	6.86	0.23	1.3	0.03	0.025	1.17	16.6	50.3	2.70	183	0.44	0.03	4.3	12.2
N831539		0.96	5.99	0.22	1.2	0.03	0.021	0.92	14.6	27.3	2.05	199	0.55	0.13	3.7	10.9
N831540		1.61	10.40	0.23	1.8	0.09	0.033	1.90	23.9	18.6	3.16	742	0.58	0.04	6.2	15.7
N831541		1.39	11.15	0.23	2.0	0.09	0.031	2.00	24.8	25.4	2.11	428	0.45	0.11	6.8	18.6
N831542		1.68	9.74	0.22	2.0	0.02	0.030	1.67	25.4	45.3	3.91	241	0.39	0.14	6.2	18.8
N831543		1.55	9.16	0.21	1.7	0.04	0.029	1.49	22.0	47.2	3.66	259	0.38	0.06	5.5	17.5
N831544		1.29	7.18	0.19	1.3	0.03	0.018	1.00	16.6	37.7	2.59	259	0.52	0.03	4.4	14.1
N831545		1.30	7.19	0.22	1.3	0.05	0.022	1.02	17.8	37.9	2.25	284	0.60	0.03	4.5	14.6
N831546		1.41	8.85	0.24	1.4	0.04	0.026	1.28	20.1	52.8	1.89	343	0.32	0.27	5.4	17.2
N831547		1.08	6.62	0.21	1.5	0.1	0.022	1.01	17.2	50.3	2.63	478	0.43	0.13	4.4	11.9
N831548		1.21	7.29	0.26	1.3	<0.1	0.022	1.00	18.3	32.2	2.42	715	0.46	0.28	4.5	14.6
N831549		0.93	7.87	0.25	1.3	<0.1	0.028	1.07	18.7	24.8	1.86	1020	0.48	0.32	4.9	14.1
N831550		1.15	8.08	0.24	1.4	<0.1	0.026	1.00	21.1	27.6	2.29	1810	0.56	0.43	5.2	16.3
N831551		2.16	13.50	0.22	2.1	0.01	0.041	1.85	34.0	42.7	3.45	1820	1.05	0.26	8.4	32.1
N831552		3.46	20.1	0.23	2.8	<0.01	0.052	2.85	48.6	57.7	2.49	802	0.16	0.18	12.4	51.2
N831553		4.80	24.3	0.27	3.1	0.03	0.066	3.00	51.7	164.0	0.54	3520	0.36	0.23	11.6	60.6
N831554		5.23	27.5	0.12	3.3	0.04	0.075	3.43	37.2	181.5	0.82	3500	0.69	0.28	12.4	57.7
N831555		5.59	24.3	0.14	3.2	0.02	0.061	3.01	46.1	149.0	0.84	2590	0.50	0.24	11.1	45.2
N831556		4.43	22.0	0.13	2.8	0.02	0.061	2.66	47.7	137.5	1.10	1920	0.27	0.21	10.4	35.0
N831557		4.71	24.3	0.14	3.1	0.03	0.067	3.02	36.5	154.0	1.22	668	0.23	0.19	12.0	40.6
N831558		4.68	25.4	0.14	3.3	0.06	0.070	3.00	24.7	176.0	1.24	684	0.21	0.21	12.4	41.0
N831559		5.04	24.3	0.14	3.2	<0.1	0.066	2.62	58.1	158.5	1.28	1150	0.32	0.19	11.5	38.1
N831560		4.51	24.7	0.14	3.3	0.04	0.067	3.13	51.3	162.5	1.07	636	0.37	0.26	11.6	35.6
N831561		4.42	25.8	0.17	3.4	0.04	0.072	2.91	52.3	196.5	1.05	549	0.49	0.24	12.5	35.9
N831562		3.97	21.0	0.13	3.0	0.06	0.058	2.67	42.8	125.5	1.19	717	0.34	0.23	10.4	26.7
N831563		3.07	19.15	0.13	2.7	0.1	0.049	2.64	45.3	97.4	0.93	503	0.31	0.20	9.7	21.2
N831564		3.32	15.80	0.10	2.6	0.06	0.043	2.16	40.9	81.5	0.91	454	0.36	0.19	8.1	23.3
N831565		2.80	14.10	0.09	2.1	0.11	0.046	2.01	35.0	46.6	1.88	450	0.37	0.19	7.2	20.2
N831566		2.33	12.05	0.13	2.1	0.12	0.036	1.77	32.1	46.3	0.90	289	0.55	0.20	6.3	17.0
N831567		1.95	12.55	0.16	1.9	0.1	0.031	1.76	30.9	56.5	0.88	312	0.45	0.24	6.3	15.0
N831568		1.47	7.46	0.12	1.4	0.1	0.022	1.07	17.8	29.6	0.63	186	0.33	0.14	4.1	10.4
N831569		1.57	10.35	0.16	2.4	0.04	0.024	1.75	23.5	32.9	3.90	214	0.61	0.04	6.3	13.2
N831570		0.85	5.29	0.13	1.2	<0.1	0.014	0.91	13.5	19.0	2.27	145	0.53	0.02	3.0	8.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method Analyte Units LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
N831531		430	9.0	65.9	<0.002	0.27	0.26	6.0	2	1.3	367	0.45	<0.05	7.4	0.165	0.54
N831532		370	9.5	66.3	0.002	0.33	0.33	4.6	2	1.0	785	0.33	<0.05	5.9	0.127	0.46
N831533		530	14.9	85.9	<0.002	0.15	1.98	6.1	2	1.3	715	0.47	<0.05	8.3	0.186	0.84
N831534		520	10.3	68.9	<0.002	0.29	0.52	4.8	3	1.0	612	0.37	<0.05	6.7	0.146	0.57
N831535		210	6.4	21.9	<0.002	0.05	0.30	1.8	1	0.4	1350	0.13	<0.05	2.4	0.050	0.26
N831536		350	6.7	62.2	<0.002	0.16	0.38	4.3	2	0.9	620	0.31	<0.05	5.7	0.123	0.53
N831537		380	7.7	71.9	<0.002	0.10	0.30	5.5	2	1.1	446	0.39	<0.05	6.9	0.151	0.46
N831538		310	6.6	57.4	<0.002	0.08	0.25	4.5	1	0.9	595	0.32	<0.05	5.6	0.126	0.46
N831539		280	6.8	45.7	<0.002	0.10	0.22	3.8	1	0.8	705	0.28	<0.05	4.9	0.109	0.27
N831540		440	20.1	74.1	<0.002	0.76	0.42	6.5	2	1.4	309	0.46	<0.05	7.8	0.179	0.53
N831541		420	20.8	81.0	<0.002	0.74	0.41	7.1	2	1.5	321	0.50	<0.05	8.5	0.194	0.68
N831542		440	8.8	83.2	0.002	0.11	0.24	6.3	2	1.3	295	0.47	<0.05	8.1	0.182	0.39
N831543		400	7.1	74.4	0.002	0.17	0.28	5.8	3	1.2	366	0.42	<0.05	7.2	0.163	0.46
N831544		310	7.3	53.3	0.002	0.29	0.23	4.7	2	0.9	575	0.33	<0.05	5.8	0.128	0.36
N831545		430	9.2	53.4	<0.002	0.20	0.26	4.7	2	1.0	514	0.34	<0.05	5.9	0.130	0.39
N831546		360	5.6	69.7	<0.002	0.08	0.22	5.7	1	1.2	555	0.40	<0.05	6.6	0.151	0.40
N831547		350	9.3	51.3	<0.002	0.13	0.22	4.3	2	0.9	526	0.33	<0.05	5.9	0.127	0.30
N831548		300	7.2	50.2	<0.002	0.11	0.22	4.7	2	1.0	453	0.34	<0.05	5.8	0.131	0.26
N831549		310	8.4	52.5	<0.002	0.17	0.28	5.0	2	1.1	492	0.37	<0.05	6.4	0.135	0.30
N831550		350	24.1	50.2	0.002	0.10	0.32	5.0	2	1.1	508	0.39	<0.05	6.6	0.144	0.28
N831551		380	62.8	88.6	<0.002	0.02	0.26	8.5	1	1.7	196.5	0.62	<0.05	10.4	0.227	0.41
N831552		450	7.7	143.0	<0.002	0.01	0.45	12.3	1	2.4	133.0	0.94	<0.05	15.5	0.322	0.66
N831553		640	19.1	156.5	<0.002	0.01	1.33	16.9	1	2.6	169.5	0.86	0.06	15.0	0.395	0.81
N831554		590	33.1	148.0	<0.002	0.02	2.35	18.6	1	2.9	127.0	0.98	0.07	13.8	0.438	1.05
N831555		730	20.1	141.5	<0.002	0.02	1.23	16.9	1	2.6	116.0	0.87	0.06	14.9	0.401	0.89
N831556		740	33.3	130.0	<0.002	0.03	0.75	14.8	1	2.4	134.0	0.81	0.07	14.9	0.373	0.71
N831557		600	15.8	114.5	<0.002	0.10	0.90	16.1	1	2.8	202	0.94	0.08	12.8	0.423	0.92
N831558		560	23.6	88.8	<0.002	0.22	0.85	15.3	1	2.8	132.0	0.99	0.09	10.5	0.431	0.87
N831559		740	27.1	131.5	<0.002	0.33	0.65	17.4	2	2.5	267	0.92	0.08	16.6	0.400	0.82
N831560		660	56.5	137.5	<0.002	0.34	1.08	16.4	1	2.7	150.0	0.91	0.07	16.5	0.425	0.91
N831561		530	24.7	141.0	<0.002	0.48	0.68	17.1	1	2.8	143.0	0.96	0.06	16.6	0.405	1.04
N831562		530	22.7	93.7	<0.002	0.68	0.44	12.8	1	2.3	207	0.78	<0.05	13.0	0.370	0.83
N831563		380	17.4	123.5	<0.002	0.94	0.40	11.0	1	2.1	372	0.76	0.05	13.6	0.330	0.82
N831564		510	21.5	104.5	<0.002	1.37	0.36	10.1	2	1.7	264	0.61	0.05	11.9	0.274	0.58
N831565		1110	17.5	100.0	<0.002	1.40	0.29	9.2	1	1.6	445	0.54	<0.05	10.4	0.240	0.73
N831566		1000	12.9	85.3	<0.002	1.59	0.30	7.8	2	1.3	719	0.51	<0.05	9.1	0.214	0.73
N831567		760	12.2	86.6	<0.002	1.45	0.26	7.3	1	1.3	652	0.48	<0.05	9.1	0.205	0.50
N831568		620	8.7	50.7	<0.002	1.15	0.17	4.9	1	0.8	956	0.30	<0.05	6.0	0.137	0.30
N831569		430	7.8	77.5	<0.002	0.11	0.34	6.2	2	1.4	465	0.49	<0.05	8.9	0.164	0.46
N831570		320	6.7	39.8	<0.002	0.10	0.19	3.2	2	0.7	736	0.23	<0.05	4.3	0.081	0.29

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
N831531		4.6	46	0.7	12.4	16	62.1	
N831532		7.7	43	0.6	9.5	45	51.7	
N831533		9.2	62	1.1	10.4	73	82.1	
N831534		6.4	47	0.8	11.2	52	68.3	
N831535		10.1	20	0.2	5.1	26	24.0	
N831536		7.7	41	0.5	9.4	28	49.3	
N831537		7.0	49	0.7	11.0	36	60.6	
N831538		9.1	41	0.5	9.0	38	51.5	
N831539		10.9	33	0.4	7.9	33	42.3	
N831540		7.6	54	0.7	11.2	55	62.1	
N831541		7.1	57	0.8	10.8	25	65.1	
N831542		4.1	54	0.9	12.8	41	73.0	
N831543		6.2	50	0.7	11.2	41	57.6	
N831544		11.4	38	0.5	9.4	34	48.4	
N831545		9.6	42	0.5	10.3	36	47.2	
N831546		5.2	48	0.6	10.4	40	47.7	
N831547		8.1	36	0.5	9.4	51	52.8	
N831548		8.4	39	0.5	9.9	40	44.5	
N831549		10.3	41	0.6	9.0	75	46.6	
N831550		9.5	45	0.6	11.0	65	50.1	
N831551		5.6	54	0.9	14.9	97	75.5	
N831552		2.0	48	1.2	18.7	91	98.3	
N831553		2.9	94	2.2	21.7	104	104.5	
N831554		3.3	104	1.9	19.4	131	110.5	
N831555		3.4	96	1.7	21.3	100	105.5	
N831556		3.0	86	1.8	20.4	98	97.2	
N831557		3.3	98	1.6	17.4	102	106.0	
N831558		3.2	98	1.5	14.3	101	107.0	
N831559		3.6	91	1.4	22.9	88	107.0	
N831560		3.5	97	1.6	20.7	87	112.0	
N831561		3.4	92	1.6	21.9	93	114.0	
N831562		3.0	80	1.4	18.0	71	98.8	
N831563		3.2	67	1.2	14.8	63	90.5	
N831564		2.9	58	1.4	17.1	69	86.4	
N831565		3.5	53	1.0	17.7	48	75.8	
N831566		3.1	47	1.0	14.9	52	72.8	
N831567		3.2	44	0.8	11.2	60	64.6	
N831568		2.6	27	0.5	8.6	26	48.3	
N831569		9.6	56	0.7	12.1	26	81.0	
N831570		11.3	34	0.4	7.7	21	37.0	

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
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Finalized Date: 16- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831571	0.80	<0.01	0.08	2.99	9	110	0.95	0.10	19.90	0.16	38.0	6.5	29	10.40	20.2
N831572	0.78	0.01	0.10	2.80	16	180	0.86	0.12	23.3	0.15	34.0	4.5	26	9.93	19.8
N831573	0.74	0.01	0.10	3.27	14	520	0.99	0.17	24.0	0.11	32.8	5.7	28	9.67	28.6
N831574	0.93	<0.01	0.07	2.63	39	390	0.82	0.11	25.1	0.14	29.7	4.1	23	7.60	20.0
N831575	0.74	0.01	0.12	1.91	13	1290	0.57	0.09	29.9	0.36	20.4	3.3	19	4.76	13.9
N831576	0.63	<0.01	0.08	2.98	21	410	0.93	0.08	18.55	0.19	38.7	4.7	29	6.36	16.6
N831577	0.82	0.01	0.08	3.87	14	310	1.24	0.14	15.85	0.10	52.7	6.2	36	8.74	22.1
N831578	0.69	0.02	0.13	1.62	12	840	0.51	0.07	30.3	0.26	19.10	2.6	17	4.27	8.7
N831579	1.15	<0.01	0.06	2.44	<5	980	0.79	0.08	24.8	0.27	31.7	4.3	22	4.45	13.6
N831580	1.00	<0.01	0.03	3.91	<5	540	1.19	0.10	15.60	0.14	50.3	5.8	35	7.83	26.5
N831581	0.81	0.01	0.03	0.77	106	50	0.33	0.05	19.75	0.06	12.40	1.8	5	2.61	8.0
N831582	1.08	<0.01	0.05	2.89	37	300	0.57	0.09	13.65	0.06	35.0	3.7	21	10.75	7.6
N831583	0.95	<0.01	0.11	3.80	41	650	0.66	0.13	10.65	2.11	45.0	4.9	28	13.95	8.4
N831584	0.91	0.14	0.09	5.57	36.5	430	1.01	0.20	7.14	0.11	74.2	7.6	40	24.2	13.6
N831585	0.84	0.07	0.10	4.40	139.5	350	0.77	0.12	9.87	0.05	51.5	5.2	33	14.80	9.7
N831586	1.00	0.07	0.06	2.82	2620	290	0.49	0.07	13.05	0.02	33.8	2.9	19	7.98	5.5
N831587	0.93	<0.01	0.13	4.21	217	410	0.75	0.14	9.73	0.05	43.9	4.2	31	12.80	9.0
N831588	1.14	<0.01	0.12	3.99	220	360	0.70	0.13	10.90	0.02	41.9	3.8	26	11.70	8.5
N831589	0.92	0.09	0.07	3.74	170	240	0.82	0.12	12.30	0.05	48.0	4.3	24	10.10	8.4
N831590	1.14	0.13	0.06	2.72	2070	800	0.65	0.11	13.00	2.18	31.5	3.5	24	6.69	6.4
N831591	1.06	0.31	0.08	3.94	1690	290	0.85	0.10	9.20	0.62	38.4	5.2	33	9.72	9.1
N831592	1.13	0.11	0.09	4.64	6400	330	0.95	0.13	5.87	0.05	53.5	5.7	36	12.35	9.4
N831593	1.22	0.13	0.15	5.33	679	360	1.15	0.16	4.86	0.03	63.8	6.8	45	14.65	11.2
N831594	1.52	0.14	0.10	5.03	7120	320	1.12	0.13	6.01	0.03	59.1	6.5	40	14.35	10.7
N831595	0.79	0.37	0.07	4.50	3050	280	0.85	0.09	8.07	0.03	48.5	6.1	38	11.70	9.5
N831596	1.15	0.24	0.06	4.48	>10000	430	0.82	0.09	7.13	0.02	46.5	5.8	37	11.30	8.4
N831597	1.00	<0.01	0.04	3.48	57	400	1.13	0.10	16.20	0.09	39.8	6.4	41	6.41	22.1
N831598	1.30	<0.01	0.04	9.00	57.1	460	2.47	0.35	0.31	0.03	89.2	19.5	74	12.10	39.6
N831599	1.17	<0.01	0.06	9.83	16.9	400	2.61	0.41	0.14	0.04	75.3	25.0	82	15.15	46.6
N831600	1.00	<0.01	0.06	9.08	16.9	430	2.31	0.37	0.16	0.05	82.9	25.5	74	14.25	46.0
N831601	1.04	<0.01	0.04	9.21	11.9	360	2.34	0.39	0.13	<0.02	72.6	20.2	78	14.60	40.7
N831602	0.95	<0.01	0.06	8.64	24.0	330	2.38	0.40	0.29	0.02	83.7	17.5	73	13.60	39.0
N831603	1.22	<0.01	0.04	8.35	17.5	360	2.20	0.35	0.31	0.04	77.2	17.1	73	12.40	40.4
N831604	1.03	<0.01	0.03	8.59	9.6	390	2.33	0.35	0.41	0.02	86.3	17.6	75	12.25	41.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831571		1.37	8.64	0.16	2.1	0.06	0.023	1.48	18.8	39.8	3.84	185	0.74	0.03	5.2	15.3
N831572		1.29	7.54	0.15	1.5	<0.1	0.022	1.40	17.2	28.8	2.78	177	0.95	0.03	4.6	12.3
N831573		1.19	8.86	0.15	1.4	0.04	0.028	1.65	18.5	24.0	1.52	130	0.70	0.02	5.4	14.6
N831574		1.00	7.00	0.14	1.4	0.04	0.019	1.32	15.8	24.3	1.78	131	0.43	0.02	4.3	10.5
N831575		0.78	5.30	0.12	0.9	0.2	0.013	0.97	12.2	11.5	1.10	97	0.72	0.02	3.3	8.9
N831576		1.39	8.09	0.15	1.7	0.08	0.022	1.14	18.8	56.6	4.10	188	0.73	0.31	5.1	12.3
N831577		1.78	10.60	0.16	2.0	0.04	0.028	1.52	27.4	77.7	4.06	212	0.41	0.33	6.5	16.9
N831578		0.63	4.36	0.13	0.8	0.07	0.011	0.84	11.3	9.8	0.90	96	0.87	0.02	2.7	6.8
N831579		1.13	6.65	0.13	1.2	<0.1	0.019	0.82	16.2	43.5	2.55	202	0.48	0.37	4.1	11.0
N831580		1.84	10.20	0.14	2.1	0.02	0.031	1.47	24.5	59.6	3.99	258	0.32	0.40	6.4	16.8
N831581		1.76	2.14	0.08	0.4	0.74	0.006	0.37	8.4	3.5	11.65	1340	0.14	0.02	1.4	4.4
N831582		2.39	6.85	0.08	1.6	0.30	0.012	1.75	15.8	6.5	8.03	1080	0.24	0.04	4.6	9.4
N831583		2.42	9.34	0.10	2.1	0.97	0.021	2.29	19.9	7.4	5.96	823	0.19	0.04	6.3	12.3
N831584		2.32	14.55	0.13	2.9	1.17	0.033	3.30	36.7	8.9	4.28	335	0.22	0.05	9.8	19.5
N831585		2.82	10.70	0.08	2.5	2.55	0.019	2.52	22.9	6.7	5.42	1150	0.27	0.04	7.0	13.6
N831586		2.36	6.51	0.07	1.5	2.02	0.018	1.73	15.1	4.7	7.23	1300	0.17	0.03	4.2	7.5
N831587		2.33	9.98	0.10	2.4	1.55	0.015	2.45	19.9	6.7	5.47	837	0.29	0.04	6.4	12.6
N831588		1.96	9.60	0.09	2.5	1.13	0.019	2.34	18.3	6.3	6.18	708	0.23	0.04	5.9	11.4
N831589		2.17	9.30	0.11	2.2	3.66	0.019	1.96	22.1	5.7	7.05	1040	0.25	0.03	6.2	10.9
N831590		2.38	6.84	0.07	1.7	4.0	0.016	1.45	13.2	4.9	6.79	1520	0.30	0.02	4.6	8.0
N831591		2.56	9.55	0.08	2.4	5.8	0.027	2.07	17.9	6.0	4.93	1100	0.25	0.03	6.7	12.0
N831592		1.87	11.35	0.11	2.7	3.4	0.031	2.50	25.8	6.9	3.03	611	0.30	0.03	7.7	13.6
N831593		2.29	13.10	0.13	3.3	3.7	0.032	2.90	31.6	6.8	2.53	561	0.25	0.04	9.2	15.6
N831594		1.98	12.60	0.13	3.1	3.1	0.025	2.73	28.0	5.9	3.32	582	0.29	0.04	8.8	14.7
N831595		2.06	11.20	0.11	3.0	3.6	0.028	2.36	23.0	5.6	4.37	857	0.34	0.03	8.0	13.2
N831596		1.97	10.75	0.12	2.8	3.8	0.032	2.33	21.2	5.7	3.90	681	0.24	0.03	7.6	13.1
N831597		1.59	9.04	0.08	1.6	0.1	0.027	1.27	20.5	61.4	3.55	252	0.38	0.36	5.7	15.8
N831598		4.03	23.8	0.16	3.0	<0.1	0.068	3.05	42.0	137.5	0.64	2940	0.23	0.23	11.6	48.6
N831599		4.41	25.9	0.15	3.2	0.03	0.078	3.42	33.1	166.5	0.68	2090	0.40	0.26	12.4	60.6
N831600		4.89	23.5	0.15	3.0	0.03	0.064	3.02	38.4	178.0	0.76	2910	0.33	0.25	11.3	60.6
N831601		4.53	24.0	0.14	3.2	<0.1	0.064	3.14	33.3	174.5	0.87	1160	0.27	0.23	12.0	43.2
N831602		4.07	22.7	0.15	3.3	0.05	0.062	2.90	39.8	169.0	1.00	815	0.90	0.18	11.7	39.4
N831603		4.72	22.5	0.15	3.0	0.05	0.067	2.77	36.3	165.0	1.20	774	0.22	0.16	11.5	38.3
N831604		4.55	23.2	0.16	3.2	<0.1	0.072	2.84	41.1	150.5	1.14	647	0.24	0.19	11.7	37.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831571		540	9.5	66.9	0.002	0.18	0.33	5.2	3	1.2	509	0.41	<0.05	7.2	0.134	0.49
N831572		490	9.0	65.3	<0.002	0.16	0.25	4.7	2	1.0	612	0.33	<0.05	6.4	0.127	0.45
N831573		300	8.3	79.6	<0.002	0.21	0.26	5.5	1	1.3	644	0.39	<0.05	7.3	0.148	0.52
N831574		320	8.5	61.2	<0.002	0.14	0.18	4.3	1	0.9	891	0.33	<0.05	6.2	0.119	0.61
N831575		400	11.2	47.1	<0.002	0.27	0.27	3.2	1	0.8	1370	0.26	<0.05	4.7	0.089	0.36
N831576		410	8.6	54.4	<0.002	0.19	0.29	4.8	3	1.1	773	0.42	<0.05	7.4	0.141	0.32
N831577		510	10.7	71.0	<0.002	0.08	0.28	6.3	2	1.5	511	0.54	<0.05	9.6	0.182	0.40
N831578		330	10.0	39.4	<0.002	0.21	0.23	2.6	1	0.6	1135	0.22	<0.05	3.9	0.074	0.47
N831579		300	9.0	39.0	<0.002	0.14	0.28	4.0	1	0.9	877	0.33	<0.05	5.8	0.116	0.23
N831580		450	8.7	65.9	<0.002	0.05	0.22	6.2	2	1.4	473	0.48	<0.05	9.0	0.185	0.34
N831581		370	13.4	11.6	0.002	0.60	0.10	1.1	<1	0.3	86.9	0.11	0.05	1.8	0.036	1.52
N831582		510	56.5	50.0	<0.002	1.75	0.11	3.8	1	0.8	94.4	0.33	<0.05	6.3	0.131	2.52
N831583		350	80.8	68.4	<0.002	2.12	0.13	4.8	1	1.2	118.0	0.49	<0.05	9.0	0.175	3.03
N831584		350	93.7	98.6	<0.002	2.47	0.17	7.7	2	1.8	92.5	0.74	<0.05	13.8	0.264	4.22
N831585		410	81.7	72.3	<0.002	1.84	0.17	5.3	1	1.3	80.5	0.57	<0.05	10.7	0.196	6.59
N831586		250	58.2	50.3	<0.002	1.36	0.12	3.2	1	0.7	83.9	0.32	<0.05	6.3	0.117	5.13
N831587		450	86.9	73.5	<0.002	1.76	0.13	4.8	1	1.1	84.7	0.51	<0.05	9.6	0.177	7.21
N831588		510	67.2	70.7	<0.002	1.50	0.12	4.3	1	1.0	93.0	0.49	<0.05	9.0	0.160	5.52
N831589		450	65.6	61.1	<0.002	1.78	0.20	4.8	1	1.1	111.0	0.46	<0.05	8.7	0.166	12.05
N831590		250	42.4	49.0	<0.002	1.65	0.18	3.5	1	0.7	84.2	0.32	<0.05	5.2	0.127	6.38
N831591		360	63.4	68.3	<0.002	2.02	0.25	4.5	<1	1.1	96.7	0.49	<0.05	7.9	0.188	9.33
N831592		340	56.0	81.5	0.002	1.96	0.47	5.8	1	1.2	82.9	0.57	<0.05	9.4	0.220	8.34
N831593		440	74.0	95.1	<0.002	2.06	0.22	6.7	1	1.5	77.2	0.68	<0.05	11.6	0.266	8.95
N831594		460	65.5	91.0	<0.002	2.05	0.20	6.2	1	1.4	75.3	0.63	<0.05	10.4	0.252	7.16
N831595		390	64.4	76.3	<0.002	1.72	0.21	5.6	1	1.2	81.4	0.59	<0.05	8.6	0.230	7.83
N831596		420	68.7	74.7	<0.002	2.42	0.64	5.4	1	1.1	81.6	0.55	<0.05	8.7	0.225	8.05
N831597		390	7.5	62.0	<0.002	0.07	0.24	5.7	2	1.2	457	0.41	<0.05	6.7	0.171	0.31
N831598		650	16.5	148.5	<0.002	0.02	1.11	15.8	1	2.5	177.5	0.86	0.08	12.5	0.421	0.84
N831599		560	17.0	151.5	<0.002	0.02	1.55	17.2	1	2.7	127.5	0.91	0.11	11.6	0.446	0.89
N831600		730	25.2	143.5	<0.002	0.02	1.24	16.2	2	2.5	115.5	0.85	0.09	12.3	0.407	0.77
N831601		510	16.4	135.0	<0.002	0.03	0.74	16.0	1	2.6	129.0	0.91	0.07	11.7	0.436	0.78
N831602		740	18.5	136.0	<0.002	0.09	1.04	15.3	1	2.5	207	0.86	0.09	12.8	0.424	0.73
N831603		550	18.1	115.5	<0.002	0.15	0.64	15.5	1	2.4	184.0	0.87	0.08	11.9	0.431	0.64
N831604		660	13.9	124.5	<0.002	0.17	0.50	16.3	1	2.4	314	0.89	0.06	12.9	0.423	0.66

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13138740

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
N831571		9.2	51	0.5	10.9	41	65.6	
N831572		13.9	46	0.5	10.0	52	52.8	
N831573		18.4	57	0.6	8.3	42	50.9	
N831574		15.6	43	0.5	7.8	33	45.3	
N831575		21.2	37	0.4	6.1	54	34.5	
N831576		10.7	48	0.5	10.1	48	57.9	
N831577		8.3	59	0.7	13.8	54	70.9	
N831578		20.2	35	0.3	5.5	44	27.1	
N831579		15.6	36	0.5	8.5	45	44.3	
N831580		5.1	54	0.7	14.1	55	68.1	
N831581		3.8	7	0.6	5.4	28	13.1	
N831582		3.4	24	0.6	8.8	19	54.7	
N831583		2.8	32	0.9	9.6	592	68.9	
N831584		3.6	46	1.0	14.7	44	91.7	
N831585		3.2	34	2.0	10.9	14	77.7	
N831586		1.9	20	1.3	7.1	6	50.9	
N831587		3.6	30	1.5	10.8	11	83.8	
N831588		3.3	27	1.8	10.2	8	84.3	
N831589		2.8	29	2.9	10.7	14	76.0	
N831590		1.9	22	2.7	7.9	475	63.8	
N831591		2.2	30	3.8	8.9	168	82.3	
N831592		2.1	35	3.6	10.7	15	86.7	
N831593		2.2	41	4.0	12.0	8	101.5	
N831594		2.2	37	4.8	12.1	7	107.5	
N831595		2.0	33	4.2	10.6	7	101.0	
N831596		2.0	31	4.8	10.9	6	96.0	1.755
N831597		5.6	50	0.6	10.4	53	58.0	
N831598		2.6	97	2.8	20.4	99	102.5	
N831599		2.7	108	1.9	16.8	109	105.5	
N831600		2.9	95	1.7	20.1	121	97.5	
N831601		2.8	102	1.7	15.8	104	102.0	
N831602		3.0	98	1.6	20.1	106	108.0	
N831603		2.8	98	1.5	18.2	113	99.3	
N831604		3.0	100	1.5	20.2	91	102.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 16-AUG-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13138740

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Applies to Method: Hg-CV41

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

CERTIFICATE WH13141811

Project: Nadaleen
P.O. No.: 13-C06
This report is for 44 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141811

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831605	1.11	<0.01	0.03	8.11	9.8	420	2.49	0.36	0.94	<0.02	80.7	14.1	65	18.00	39.4
N831606	1.23	<0.01	0.04	7.80	15.1	300	2.22	0.36	2.53	0.03	76.9	16.5	61	13.00	30.7
N831607	1.41	<0.01	0.05	8.51	21.6	400	2.44	0.36	1.49	0.09	78.6	18.0	72	11.75	32.1
N831608	0.69	<0.01	0.04	4.96	16	250	1.30	0.21	13.05	0.02	61.1	10.7	38	9.68	19.0
N831609	1.05	<0.01	0.05	7.22	14.4	270	1.85	0.30	9.44	<0.02	74.3	13.1	57	16.35	24.4
N831610	1.14	<0.01	0.04	6.08	10.4	300	1.61	0.26	7.66	0.03	75.8	11.4	47	14.05	20.7
N831611	1.25	<0.01	0.04	6.76	13.9	290	1.84	0.26	9.68	0.03	77.2	11.9	58	21.1	23.6
N831612	0.80	<0.01	0.05	5.50	15	230	1.54	0.24	13.65	0.09	64.4	8.2	48	16.40	18.4
N831613	0.80	<0.01	0.06	5.04	13	240	1.31	0.19	17.45	0.06	53.4	8.2	47	13.35	16.9
N831614	0.93	<0.01	0.03	3.38	12	200	0.82	0.14	21.3	0.03	37.3	5.8	30	7.09	14.9
N831615	0.88	<0.01	0.07	5.72	15	270	1.37	0.22	13.05	0.05	62.8	9.3	47	17.25	21.0
N831616	0.91	<0.01	0.08	6.48	19	390	1.56	0.25	12.25	0.05	68.3	11.4	56	16.15	25.2
N831617	0.79	<0.01	0.08	5.42	19	240	1.34	0.21	14.90	0.05	56.0	9.5	45	14.50	20.6
N831618	0.88	<0.01	0.07	5.33	21	390	1.48	0.19	13.15	0.04	62.9	9.8	46	16.80	20.9
N831619	1.14	<0.01	0.05	5.07	18	270	1.35	0.19	15.40	0.04	57.8	8.5	41	14.35	18.6
N831620	1.21	<0.01	0.06	8.35	19.3	290	2.25	0.35	2.06	0.03	78.4	15.0	68	21.5	33.6
N831621	1.46	<0.01	0.06	8.67	20.4	550	2.42	0.37	1.05	0.03	73.7	20.5	73	26.6	42.1
N831622	1.13	<0.01	0.02	8.08	12.1	420	2.12	0.29	2.53	0.11	80.8	14.3	109	30.9	26.0
N831623	0.98	<0.01	0.02	7.64	10.2	260	1.99	0.35	4.43	0.11	79.1	13.6	85	23.1	55.4
N831624	0.75	0.01	0.07	3.65	13	620	1.19	0.14	18.45	0.15	40.1	9.8	38	8.84	34.0
N831625	1.38	0.01	0.06	3.05	24	240	0.99	0.11	22.6	0.10	29.8	6.3	32	6.10	20.8
N831626	0.96	<0.01	0.05	2.23	5	880	0.69	0.07	26.3	0.05	24.0	4.0	22	6.53	13.6
N831627	0.89	0.09	0.09	5.48	1985	310	0.91	0.12	6.54	<0.02	45.4	6.9	45	11.50	10.6
N831628	1.02	0.46	0.08	4.43	>10000	240	0.74	0.09	7.80	0.02	42.1	5.1	35	8.63	7.8
N831629	0.83	<0.01	0.05	2.31	53	590	0.69	0.08	26.3	0.03	23.8	4.0	21	7.28	14.0
N831630	0.81	<0.01	0.04	2.16	60	230	0.68	0.10	21.8	0.07	26.0	4.3	23	6.63	10.6
N831631	0.88	<0.01	0.04	1.74	26	130	0.60	0.11	28.0	0.06	18.40	3.0	18	4.14	10.6
N831632	1.19	<0.01	0.03	1.93	44	270	0.65	0.07	28.3	0.03	21.8	3.5	19	5.03	11.8
N831633	1.15	<0.01	0.04	2.96	41	100	0.94	0.09	25.4	0.04	31.3	4.9	31	8.89	28.2
N831634	0.78	0.01	0.04	1.78	47	90	0.56	0.09	30.9	0.05	19.90	3.5	18	5.26	13.1
N831635	0.71	0.01	0.10	1.83	93	320	0.62	0.18	30.7	0.20	19.20	3.1	21	4.33	12.7
N831636	0.67	<0.01	0.07	3.24	26	340	1.01	0.10	20.9	0.05	32.2	4.9	32	10.25	17.5
N831637	0.64	0.01	0.06	2.05	15	180	0.62	0.08	28.6	0.11	17.05	3.3	21	5.19	14.2
N831638	0.69	0.01	0.06	3.04	15	180	1.00	0.10	24.4	0.13	30.5	5.5	30	8.88	20.0
N831639	0.78	<0.01	0.08	3.01	14	240	1.07	0.09	20.5	0.08	33.8	5.3	30	8.18	17.2
N831640	1.05	<0.01	0.10	2.36	15	250	0.87	0.08	20.7	0.22	31.8	4.0	26	6.07	15.5
N831641	1.33	<0.01	0.10	1.94	18	220	0.69	0.07	25.0	0.12	23.9	3.2	21	4.09	16.3
N831642	1.30	<0.01	0.07	3.04	7	230	1.07	0.09	17.15	0.18	36.0	5.1	33	7.28	18.4
N831643	0.98	<0.01	0.05	2.68	16	150	0.98	0.08	21.8	0.10	30.8	5.3	28	6.09	18.7
N831644	1.15	<0.01	0.06	4.03	6	210	1.39	0.11	13.15	0.08	46.7	6.6	40	8.78	26.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141811

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831605		3.92	21.1	0.18	3.0	0.02	0.064	2.71	39.7	136.5	1.06	569	0.36	0.21	10.3	31.9
N831606		4.41	19.40	0.17	2.8	0.02	0.059	2.48	39.5	132.0	1.42	1180	0.36	0.23	9.8	34.0
N831607		4.56	20.5	0.15	3.0	0.05	0.070	2.69	39.5	220	1.06	777	0.60	0.20	10.4	35.1
N831608		3.09	11.50	0.11	1.9	0.05	0.041	1.61	31.3	80.3	1.00	801	0.30	0.19	6.2	21.0
N831609		3.33	17.10	0.15	2.7	0.05	0.053	2.53	39.0	67.8	0.94	431	0.30	0.23	9.1	25.8
N831610		2.90	14.25	0.16	2.5	0.05	0.049	2.14	38.5	74.8	0.91	499	0.32	0.18	7.7	23.5
N831611		2.88	15.95	0.14	2.8	0.10	0.049	2.58	40.6	56.1	1.19	351	0.42	0.23	9.0	25.9
N831612		2.45	13.10	0.14	2.3	0.10	0.043	2.11	33.4	45.1	1.07	372	0.45	0.23	7.3	18.8
N831613		2.32	11.60	0.14	2.1	0.11	0.039	1.88	28.0	54.6	0.90	261	0.61	0.23	6.5	19.3
N831614		1.42	8.83	0.13	1.5	0.09	0.028	1.28	19.7	36.2	0.58	195	0.36	0.16	4.7	14.3
N831615		2.62	14.65	0.16	2.4	0.13	0.043	2.15	32.8	56.5	0.90	283	0.53	0.33	7.6	22.3
N831616		2.76	16.50	0.15	2.5	0.16	0.045	2.45	36.2	66.1	1.05	361	0.79	0.38	8.2	26.0
N831617		2.30	13.45	0.16	1.8	0.15	0.039	2.00	30.2	63.1	0.96	298	0.50	0.33	6.3	22.7
N831618		2.50	14.25	0.15	2.2	0.13	0.043	2.02	32.6	61.0	0.99	347	0.52	0.28	7.3	24.0
N831619		2.23	13.20	0.15	2.3	0.17	0.038	2.08	30.0	39.7	0.94	343	0.47	0.13	6.9	20.3
N831620		3.97	22.4	0.18	3.1	0.03	0.063	3.40	39.7	83.2	1.18	484	0.37	0.12	10.8	34.1
N831621		4.31	23.3	0.18	3.0	0.02	0.063	3.30	36.7	111.0	1.31	407	0.49	0.11	11.2	42.7
N831622		4.28	20.4	0.18	3.3	<0.01	0.050	2.80	44.3	119.0	2.48	1430	0.45	0.18	12.0	53.3
N831623		3.76	19.25	0.18	2.8	<0.01	0.056	2.83	43.3	110.0	3.18	1820	0.25	0.11	11.9	49.3
N831624		2.54	9.38	0.15	1.6	0.03	0.028	1.24	21.2	69.1	2.99	2390	0.73	0.15	5.8	22.8
N831625		1.30	7.85	0.13	1.4	0.09	0.021	1.27	16.2	68.6	2.55	594	0.71	0.03	4.7	15.9
N831626		1.00	5.45	0.13	1.0	0.04	0.014	0.92	12.9	51.6	1.74	135	0.47	0.05	3.2	12.5
N831627		2.02	13.50	0.15	3.7	4.38	0.027	2.87	23.0	7.9	3.58	613	0.25	0.03	9.4	16.5
N831628		1.66	10.60	0.17	3.0	4.74	0.021	2.25	20.6	6.7	4.13	896	0.19	0.02	7.0	12.6
N831629		1.04	5.86	0.13	1.2	0.07	0.017	0.99	13.1	51.6	2.08	132	0.64	0.08	3.6	11.8
N831630		1.34	5.37	0.12	1.1	0.04	0.017	0.98	13.3	70.4	3.51	185	0.26	0.04	3.3	12.2
N831631		1.05	4.33	0.11	0.8	0.04	0.011	0.74	10.2	75.9	2.77	139	0.32	0.02	2.5	10.4
N831632		0.91	4.79	0.14	0.9	0.05	0.012	0.85	11.6	56.1	1.73	131	0.53	0.01	2.8	11.0
N831633		1.26	7.44	0.15	1.3	0.05	0.021	1.36	17.3	88.6	2.08	149	0.31	0.02	4.3	16.0
N831634		0.84	4.49	0.13	0.6	0.04	0.014	0.85	11.5	40.3	1.27	143	0.13	0.02	2.6	10.7
N831635		0.81	4.47	0.12	0.9	0.11	0.018	1.00	10.6	11.2	1.44	137	0.83	0.02	2.8	9.7
N831636		1.46	7.73	0.15	1.6	0.08	0.021	1.69	16.5	57.7	3.34	172	0.58	0.14	4.6	14.8
N831637		0.89	5.22	0.13	0.9	0.05	0.013	0.99	9.9	36.5	1.84	126	0.56	0.18	3.0	10.3
N831638		1.32	7.83	0.13	1.3	0.08	0.020	1.41	16.5	71.8	2.14	158	0.64	0.25	4.4	17.0
N831639		1.37	7.97	0.13	1.5	0.10	0.017	1.36	17.9	79.8	2.54	153	0.80	0.25	4.8	15.5
N831640		1.03	6.22	0.14	1.6	0.12	0.018	1.09	16.6	64.7	2.98	171	1.24	0.23	4.2	11.9
N831641		0.81	4.89	0.12	1.5	0.11	0.014	0.83	12.5	44.4	1.92	120	0.97	0.31	3.5	9.4
N831642		1.38	7.95	0.15	1.8	0.09	0.022	1.27	18.5	84.2	4.42	186	0.89	0.33	5.0	14.3
N831643		1.16	7.05	0.14	1.2	0.04	0.023	1.02	16.4	74.0	2.83	178	0.42	0.34	4.2	14.0
N831644		1.76	10.60	0.14	2.6	0.05	0.027	1.59	24.3	111.5	4.00	198	0.42	0.36	6.6	19.0

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141811

Sample Description	Method / Analyte / Units / LOR	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
N831605		500	26.0	122.5	<0.002	0.24	0.51	15.0	1	2.2	117.5	0.78	0.06	13.3	0.363	0.77
N831606		460	29.2	97.6	<0.002	0.65	0.67	13.0	1	2.1	138.5	0.75	0.06	12.4	0.354	0.68
N831607		510	23.5	110.5	<0.002	0.61	0.60	14.3	1	2.2	169.5	0.81	<0.05	14.0	0.393	0.77
N831608		430	18.5	78.3	<0.002	0.82	0.34	9.1	1	1.3	338	0.48	<0.05	9.1	0.231	0.54
N831609		490	20.4	113.0	<0.002	0.70	0.35	11.5	1	1.9	264	0.72	0.05	13.2	0.344	0.64
N831610		550	17.8	100.0	<0.002	1.09	0.35	10.1	1	1.6	285	0.60	<0.05	10.7	0.284	0.52
N831611		880	17.2	126.5	<0.002	1.65	0.39	11.0	1	1.8	355	0.67	<0.05	12.1	0.327	0.63
N831612		850	12.9	101.0	0.003	1.47	0.34	9.1	1	1.4	520	0.54	<0.05	9.8	0.271	0.59
N831613		780	13.7	84.4	<0.002	1.88	0.31	7.4	1	1.3	582	0.49	<0.05	8.9	0.246	0.47
N831614		610	9.9	60.8	0.002	1.08	0.25	5.6	1	0.9	788	0.38	<0.05	6.3	0.162	0.30
N831615		600	14.3	107.5	<0.002	2.05	0.36	9.7	1	1.6	513	0.61	<0.05	9.6	0.261	0.54
N831616		880	16.2	117.0	<0.002	2.16	0.39	10.6	2	1.7	514	0.64	<0.05	10.9	0.288	0.59
N831617		600	13.4	96.4	<0.002	1.72	0.34	8.9	2	1.5	648	0.52	<0.05	9.1	0.226	0.52
N831618		660	14.5	106.5	0.002	1.74	0.37	9.3	1	1.5	496	0.56	0.05	9.4	0.243	0.73
N831619		760	13.4	100.0	0.002	1.60	0.32	8.8	1	1.4	567	0.55	<0.05	8.9	0.234	1.31
N831620		410	25.5	127.0	0.002	0.94	0.52	14.6	1	2.4	148.0	0.87	0.10	13.2	0.370	0.83
N831621		630	25.0	123.5	0.002	0.31	0.63	15.4	2	2.5	174.0	0.90	0.09	12.5	0.382	0.74
N831622		490	37.9	128.0	0.003	0.03	0.24	13.5	1	2.2	141.5	0.97	<0.05	14.9	0.350	0.56
N831623		540	7.9	124.0	<0.002	0.03	0.20	12.3	1	2.4	184.5	0.95	<0.05	14.5	0.338	0.49
N831624		370	41.6	55.9	<0.002	0.08	0.26	6.0	2	1.3	514	0.45	<0.05	7.3	0.174	0.27
N831625		390	8.1	56.5	0.002	0.21	0.35	4.9	1	1.0	728	0.37	<0.05	5.9	0.144	0.39
N831626		300	6.1	43.7	0.002	0.19	0.19	3.4	1	0.7	895	0.27	<0.05	4.1	0.100	0.23
N831627		280	74.9	87.0	0.002	1.78	0.34	6.3	1	1.4	101.5	0.74	<0.05	10.7	0.281	9.19
N831628		400	56.5	72.0	<0.002	2.33	1.21	5.2	1	1.1	90.5	0.57	<0.05	8.4	0.216	12.05
N831629		240	6.2	50.2	0.002	0.18	0.16	3.6	1	0.7	890	0.28	<0.05	4.5	0.107	0.30
N831630		240	6.1	46.1	<0.002	0.09	0.21	3.5	2	0.7	717	0.25	<0.05	4.2	0.109	0.26
N831631		190	5.3	35.6	<0.002	0.10	0.16	2.7	<1	0.5	900	0.19	<0.05	3.1	0.080	0.24
N831632		220	6.4	40.3	0.002	0.23	0.20	3.0	1	0.6	965	0.21	<0.05	3.8	0.090	0.26
N831633		530	6.9	72.4	<0.002	0.24	0.21	4.6	1	0.9	916	0.33	<0.05	5.6	0.135	0.37
N831634		280	4.9	46.3	<0.002	0.15	0.24	2.8	1	0.6	833	0.20	0.05	3.2	0.081	0.38
N831635		350	9.4	46.6	<0.002	0.28	0.29	2.7	1	0.6	1310	0.21	<0.05	3.8	0.090	0.51
N831636		360	7.4	74.9	<0.002	0.19	0.24	4.8	1	1.0	1275	0.36	<0.05	6.2	0.151	0.39
N831637		300	7.8	40.7	<0.002	0.16	0.17	3.1	1	0.7	2280	0.24	<0.05	3.9	0.097	0.21
N831638		500	8.9	59.2	0.002	0.26	0.27	4.7	1	0.9	1460	0.36	<0.05	6.0	0.137	0.36
N831639		390	8.1	59.1	0.002	0.29	0.27	4.9	2	1.1	1415	0.38	<0.05	6.6	0.143	0.34
N831640		400	8.2	48.4	<0.002	0.29	0.28	3.9	3	0.8	909	0.32	<0.05	5.8	0.122	0.31
N831641		330	9.1	35.3	<0.002	0.25	0.26	3.1	2	0.7	1565	0.26	<0.05	4.9	0.103	0.23
N831642		420	8.8	55.5	<0.002	0.23	0.37	4.8	2	1.1	911	0.40	<0.05	6.9	0.153	0.33
N831643		330	6.2	47.1	0.003	0.10	0.22	4.4	2	1.0	661	0.33	<0.05	5.5	0.125	0.23
N831644		480	9.5	74.6	<0.002	0.07	0.27	6.4	2	1.4	435	0.54	<0.05	8.9	0.190	0.35

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141811

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
N831605		2.8	85	1.4	18.9	66	97.6	
N831606		2.6	77	1.3	18.3	68	91.8	
N831607		2.8	87	1.4	18.4	154	98.1	
N831608		2.5	47	0.8	15.8	59	63.6	
N831609		3.3	71	1.2	16.7	57	89.8	
N831610		2.7	58	1.2	17.0	53	79.4	
N831611		3.3	68	1.2	18.5	49	91.6	
N831612		2.9	55	1.0	16.1	183	78.8	
N831613		3.1	52	0.9	11.8	34	74.0	
N831614		2.3	32	0.7	9.4	30	48.6	
N831615		2.8	54	1.0	14.1	58	77.2	
N831616		3.4	62	1.2	15.4	61	76.4	
N831617		2.9	49	0.8	12.5	68	58.4	
N831618		2.6	51	0.9	15.7	53	71.4	
N831619		2.7	50	1.0	14.6	46	74.5	
N831620		2.6	84	1.4	16.7	75	97.6	
N831621		2.9	88	1.5	19.5	96	96.3	
N831622		2.3	59	1.1	20.7	121	98.8	
N831623		2.5	58	1.2	21.1	111	92.2	
N831624		8.2	53	0.7	13.4	70	54.0	
N831625		8.9	49	0.6	8.8	35	48.9	
N831626		12.2	34	0.4	6.9	26	33.1	
N831627		2.3	39	5.0	11.8	5	116.0	
N831628		2.2	33	4.2	11.8	5	101.5	2.29
N831629		13.5	37	0.4	7.1	29	45.3	
N831630		7.7	39	0.4	7.4	32	37.7	
N831631		10.2	33	0.3	5.5	29	24.3	
N831632		14.6	31	0.3	6.7	28	34.4	
N831633		12.2	44	0.6	9.6	33	43.4	
N831634		11.0	30	0.3	6.7	21	20.2	
N831635		14.6	34	0.6	6.3	34	29.1	
N831636		9.9	55	0.5	9.4	49	54.0	
N831637		16.8	41	0.4	5.7	30	29.5	
N831638		13.3	53	0.5	8.8	39	42.8	
N831639		11.6	52	0.5	9.6	37	51.2	
N831640		8.4	42	0.4	9.6	38	54.7	
N831641		15.6	36	0.4	7.1	30	46.8	
N831642		8.3	52	0.6	10.5	45	60.2	
N831643		8.2	43	0.4	8.8	40	40.1	
N831644		5.8	61	0.7	13.9	50	72.3	

***** See Appendix Page for comments regarding this certificate *****

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ALS Minerals

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141811

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831645		1.17	<0.01	0.04	5.36	66.6	370	2.17	0.29	5.24	<0.02	61.6	11.8	37	28.7	16.3
N831646		1.16	0.01	0.02	5.35	47.7	310	1.92	0.35	3.18	<0.02	61.3	11.2	43	36.3	13.3
N831647		1.13	<0.01	0.01	6.34	23.7	470	2.02	0.37	1.33	<0.02	73.1	9.3	48	46.1	5.7
N831648		1.26	<0.01	0.02	5.54	11.6	400	1.65	0.52	1.33	<0.02	65.7	9.8	45	36.6	7.0

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141811

Sample Description	Method / Analyte / Units / LOR	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- CV41 Hg ppm 0.01	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
N831645		3.08	14.05	0.16	2.6	0.28	0.050	2.91	33.8	30.6	3.11	800	0.35	0.03	8.7	17.5
N831646		2.41	13.55	0.15	2.6	0.16	0.038	3.07	31.4	24.7	2.07	679	0.35	0.04	8.4	16.8
N831647		2.86	16.60	0.18	3.0	0.01	0.052	4.01	36.6	16.4	1.19	254	0.20	0.04	9.8	15.6
N831648		2.77	14.15	0.17	2.5	0.01	0.046	3.50	32.8	11.5	1.06	290	0.22	0.04	8.5	16.5

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CERTIFICATE OF ANALYSIS WH13141811

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831645		470	21.0	110.0	<0.002	2.57	0.41	9.9	<1	1.9	82.3	0.69	0.05	10.7	0.284	1.64
N831646		300	11.5	115.0	<0.002	1.72	0.37	9.0	1	1.7	74.5	0.67	0.05	10.8	0.267	1.72
N831647		310	8.5	156.0	<0.002	0.29	0.34	11.6	1	2.3	76.4	0.77	0.07	12.5	0.313	0.87
N831648		330	8.8	135.5	<0.002	0.04	0.36	10.4	1	1.9	70.3	0.68	0.08	11.3	0.273	0.67

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Finalized Date: 20-AUG-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141811

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
N831645		1.9	57	1.9	15.1	17	85.2	
N831646		1.8	52	1.7	13.5	13	83.7	
N831647		1.8	64	1.4	16.2	20	91.7	
N831648		1.8	55	1.2	14.2	19	81.0	

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Finalized Date: 20-AUG-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13141811

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	As-OG62	Au-AA26	Hg-CV41	ME-MS61
	ME-OG62			

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

CERTIFICATE WH13153666

Project: Nadaleen
P.O. No.: 13-C07
This report is for 50 Rock samples submitted to our lab in Whitehorse, YT, Canada on 26-AUG-2013.
The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 12-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153666

Sample Description	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831649	0.86	<0.01	0.03	4.00	93.5	250	1.70	0.24	5.82	0.07	53.2	14.2	37	17.35	38.3
N831650	0.84	<0.01	0.01	5.81	21.8	390	1.89	0.28	3.09	<0.02	68.5	10.2	43	35.0	6.0
N831651	1.09	0.22	0.06	6.16	3560	350	1.73	0.27	3.05	0.03	66.4	21.0	68	14.95	52.3
N831652	1.12	0.07	0.07	6.48	234	610	1.83	0.27	2.49	0.10	68.5	18.2	64	18.20	48.5
N831653	1.11	0.05	0.11	6.29	534	360	1.88	0.27	2.52	0.08	66.4	15.6	58	18.90	47.3
N831654	1.24	<0.01	0.06	5.62	64.5	240	1.68	0.22	3.39	0.13	59.7	17.8	66	20.9	45.5
N831655	1.42	0.01	0.05	3.88	126.0	270	1.04	0.14	3.93	0.06	40.7	12.5	52	11.75	33.0
N831656	1.11	<0.01	0.07	6.11	82.4	230	1.74	0.24	3.98	0.03	61.9	20.1	68	24.1	50.8
N831657	1.43	<0.01	0.05	4.39	47.7	290	1.09	0.16	4.33	0.07	49.2	14.6	57	16.90	37.7
N831658	1.49	<0.01	0.07	5.89	65.4	250	1.65	0.23	1.87	0.07	62.0	18.2	72	21.5	46.8
N831659	0.88	<0.01	0.07	6.29	80.0	220	1.88	0.24	1.28	0.11	60.9	18.5	74	25.4	47.9
N831660	1.00	<0.01	0.09	3.72	58.4	150	0.94	0.16	2.06	0.05	38.0	12.4	46	15.00	29.1
N831661	1.25	<0.01	0.06	5.58	58.2	250	1.68	0.21	1.51	0.10	56.3	16.3	65	24.1	43.3
N831662	0.92	<0.01	0.06	5.85	84.7	200	1.99	0.24	1.52	0.57	61.0	20.3	74	24.0	48.4
N831663	0.61	0.01	0.06	5.77	67.5	190	1.74	0.24	3.70	0.04	59.5	17.6	60	22.9	44.5
N831664	0.60	0.01	0.08	6.55	7.1	220	1.38	0.22	4.02	0.34	54.0	33.4	71	34.4	143.0
N831665	1.25	0.01	0.09	6.85	11.9	170	1.48	0.25	3.26	0.32	56.6	36.4	78	35.0	153.0
N831666	1.40	0.01	0.07	6.45	18.1	340	1.54	0.25	3.30	0.38	54.6	31.6	71	36.5	140.0
N831667	1.35	0.01	0.07	6.69	18.4	230	1.67	0.26	3.22	0.38	61.3	33.2	74	32.1	147.0
N831668	1.28	0.01	0.05	6.57	16.8	760	1.59	0.25	3.33	0.40	59.4	32.8	72	36.7	147.5
N831669	1.50	0.01	0.07	6.32	16.9	330	1.63	0.24	3.36	0.36	56.2	32.6	70	33.6	137.5
N831670	1.26	0.01	0.05	6.41	16.3	290	1.73	0.25	3.70	0.47	60.3	31.8	75	30.8	139.0
N831671	1.29	0.01	0.06	6.46	16.2	350	1.62	0.26	3.79	0.33	58.8	30.1	74	28.6	128.5
N831672	1.26	0.01	0.08	5.30	18.6	310	1.22	0.20	5.46	0.23	51.0	21.8	50	23.5	84.5
N831673	0.75	0.01	0.09	6.36	17.4	210	1.48	0.23	3.32	0.27	48.4	30.9	70	33.8	147.0
N831674	0.98	0.01	0.08	6.54	29.2	170	1.72	0.24	3.30	0.34	51.6	32.5	71	40.9	149.5
N831675	1.42	0.01	0.06	4.33	88	220	1.09	0.16	13.20	0.16	48.2	12.7	48	12.00	36.0
N831676	1.36	<0.01	0.04	6.72	631	270	1.65	0.22	6.22	0.19	80.0	11.9	65	19.90	33.4
N831677	1.30	<0.01	0.08	8.82	112.0	370	3.38	0.40	2.20	0.25	95.3	19.1	74	30.6	46.5
N831678	1.64	<0.01	0.08	7.11	47.4	370	2.27	0.33	3.26	0.16	74.3	19.0	69	23.9	57.0
N831679	0.66	<0.01	0.08	7.11	42.4	350	2.23	0.33	9.63	0.07	76.2	15.9	61	23.6	33.0
N831680	0.81	1.73	0.14	6.36	1005	310	2.02	0.34	4.05	0.12	85.0	15.1	57	18.55	27.8
N831681	0.40	0.01	0.08	9.60	492	1210	3.02	0.55	0.14	0.11	87.9	16.2	90	33.9	64.5
N831682	0.61	0.01	0.08	9.19	236	670	3.83	0.43	1.63	0.42	85.0	20.6	82	31.5	52.3
N831683	0.46	0.01	0.07	7.06	108.0	460	2.91	0.36	5.32	0.23	79.9	16.1	63	29.2	47.1
N831684	0.56	<0.01	0.07	7.67	48.2	410	2.95	0.38	3.74	0.31	93.4	17.5	65	31.3	40.9
N831685	0.64	0.01	0.05	8.41	45.6	530	3.18	0.33	2.67	0.35	103.5	16.8	68	35.7	39.0
N831686	0.65	0.01	0.06	8.09	131.0	670	2.80	0.29	3.40	0.14	107.5	13.4	63	28.7	34.4
N831687	0.81	0.01	0.04	8.36	75.6	530	3.12	0.31	3.60	0.12	112.5	14.5	60	32.9	36.8
N831688	0.42	0.01	0.07	6.69	29.8	430	2.91	0.30	6.19	0.12	96.3	15.0	56	35.5	35.0

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153666

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831649		3.77	11.55	0.11	2.1	0.32	0.038	2.00	27.4	20.6	3.44	885	0.60	0.03	6.7	20.7
N831650		2.83	16.75	0.13	2.7	0.04	0.055	3.27	34.1	20.5	2.08	630	0.27	0.04	9.3	15.9
N831651		4.15	18.90	0.14	3.2	1.07	0.064	2.82	31.4	32.0	1.69	731	0.39	0.02	10.0	38.5
N831652		4.55	19.80	0.14	3.1	1.35	0.074	2.97	33.9	39.0	1.49	532	0.76	0.02	10.5	36.3
N831653		4.84	18.85	0.14	3.2	1.18	0.069	2.96	32.0	38.9	1.69	453	0.94	0.03	9.4	36.2
N831654		3.89	16.45	0.14	3.0	0.16	0.060	2.39	28.7	115.5	2.31	609	0.52	0.03	9.0	33.2
N831655		3.72	11.05	0.11	2.2	0.08	0.044	1.61	20.0	81.7	2.18	617	0.40	0.02	6.3	24.0
N831656		4.97	17.75	0.15	3.1	0.05	0.065	2.77	29.9	112.0	2.95	664	0.25	0.03	10.1	38.2
N831657		3.78	12.55	0.12	2.5	0.06	0.045	1.97	23.1	68.1	2.45	687	0.52	0.08	7.2	26.8
N831658		4.22	17.10	0.14	2.8	0.15	0.063	2.65	29.6	70.4	1.73	394	0.51	0.03	8.8	34.7
N831659		4.56	18.15	0.16	2.8	0.27	0.069	2.89	30.5	58.2	1.60	317	0.32	0.03	9.1	35.0
N831660		3.70	10.30	0.11	1.8	0.13	0.037	1.49	18.9	110.5	1.23	505	0.62	0.02	5.5	24.5
N831661		4.20	16.45	0.13	2.6	0.35	0.058	2.47	27.5	83.0	1.23	379	0.59	0.02	8.1	31.3
N831662		4.87	17.35	0.16	2.8	0.42	0.063	2.72	30.2	56.4	1.42	411	0.83	0.03	8.6	36.5
N831663		4.49	17.30	0.15	2.8	0.39	0.064	2.64	29.1	41.4	1.92	722	0.33	0.03	8.5	32.7
N831664		7.29	21.3	0.20	3.6	0.04	0.098	1.51	24.5	158.0	3.05	1110	0.37	0.64	13.0	56.6
N831665		7.34	22.3	0.19	3.6	0.05	0.109	1.76	26.1	133.5	2.70	943	0.41	0.49	15.0	59.0
N831666		7.11	20.9	0.19	3.6	0.07	0.105	1.81	25.5	136.5	2.80	871	0.52	0.23	14.9	55.0
N831667		7.33	21.4	0.18	3.5	0.12	0.103	2.17	27.2	197.0	3.09	933	0.56	0.06	16.1	58.3
N831668		6.97	21.3	0.21	3.6	0.08	0.112	1.98	28.0	122.0	3.19	983	0.48	0.31	16.2	54.8
N831669		7.40	21.2	0.20	3.5	0.07	0.100	1.86	25.8	125.0	3.18	919	0.51	0.23	15.1	54.3
N831670		7.14	21.0	0.21	3.6	0.06	0.107	1.73	27.4	98.0	3.31	1020	0.42	0.39	15.4	54.8
N831671		6.77	20.4	0.20	3.6	0.06	0.095	1.88	27.6	105.0	3.10	889	1.40	0.40	14.2	51.7
N831672		5.11	15.60	0.13	2.7	0.04	0.080	1.69	22.7	85.1	2.93	1050	1.43	0.37	9.5	39.2
N831673		6.66	20.2	0.18	3.1	0.06	0.101	1.73	21.7	110.5	2.95	824	0.63	0.47	12.9	53.0
N831674		7.01	20.3	0.21	3.4	0.08	0.100	1.92	23.0	144.0	2.94	913	0.52	0.18	14.1	55.8
N831675		2.10	12.90	0.13	2.2	0.79	0.042	1.71	24.4	23.0	3.19	755	0.55	0.03	7.0	26.2
N831676		2.99	19.85	0.16	2.9	3.34	0.055	2.90	39.0	29.1	2.79	565	1.35	0.03	10.8	31.8
N831677		4.75	25.3	0.22	3.2	1.05	0.082	3.85	45.8	44.3	1.56	670	3.83	0.05	11.5	44.9
N831678		4.50	19.80	0.19	3.0	0.25	0.073	3.10	34.9	38.2	2.07	598	1.22	0.04	10.3	47.8
N831679		3.56	19.85	0.16	2.8	0.29	0.064	3.11	39.4	39.3	1.28	627	1.07	0.05	10.1	33.8
N831680		4.20	17.15	0.18	3.2	7.47	0.061	2.89	39.3	39.8	1.08	676	0.72	0.04	10.3	35.5
N831681		5.03	26.9	0.19	3.1	2.46	0.095	4.20	40.5	63.8	0.59	686	3.28	0.05	12.1	34.5
N831682		4.50	26.4	0.20	3.3	4.36	0.096	4.05	41.2	24.2	1.22	672	3.71	0.05	12.8	49.5
N831683		4.10	20.5	0.18	2.8	2.06	0.072	3.18	39.1	18.8	2.77	1240	2.77	0.04	10.4	38.1
N831684		3.70	22.7	0.21	3.0	0.87	0.081	3.50	44.1	18.9	2.20	702	2.29	0.04	11.2	37.3
N831685		3.69	25.1	0.19	3.0	1.21	0.078	3.84	47.1	20.8	1.82	478	2.94	0.04	12.7	36.9
N831686		3.52	23.1	0.20	3.1	0.96	0.068	3.67	52.1	15.2	2.06	523	3.02	0.04	11.9	32.0
N831687		3.93	24.1	0.20	3.3	1.24	0.065	3.81	54.5	18.7	2.11	511	3.04	0.04	12.6	34.4
N831688		4.23	19.90	0.19	2.8	0.73	0.059	3.04	45.2	18.3	3.47	840	2.95	0.04	10.4	32.3

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153666

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N831649		570	22.8	87.5	<0.002	3.34	0.43	7.8	1	1.3	97.5	0.54	<0.05	8.5	0.200	2.48
N831650		320	11.2	137.5	<0.002	1.89	0.37	10.8	1	2.0	107.5	0.75	<0.05	12.2	0.285	0.84
N831651		620	16.9	140.5	<0.002	3.38	7.01	17.6	1	1.9	174.0	0.81	0.05	10.6	0.531	4.84
N831652		590	17.4	163.5	0.002	3.98	1.18	17.7	2	2.2	247	0.82	0.06	10.1	0.463	4.94
N831653		460	21.8	155.5	0.002	3.21	1.23	15.8	2	2.1	206	0.76	<0.05	10.4	0.398	4.14
N831654		450	12.9	129.5	<0.002	0.29	0.30	14.2	2	1.8	151.5	0.70	0.05	9.2	0.456	1.08
N831655		300	11.2	93.6	<0.002	0.78	0.51	10.0	1	1.2	169.5	0.49	<0.05	6.5	0.359	0.94
N831656		500	13.3	179.5	<0.002	0.16	0.42	16.0	1	1.9	137.5	0.78	<0.05	10.0	0.501	1.22
N831657		470	12.2	125.5	<0.002	0.22	0.27	12.5	1	1.3	164.5	0.57	<0.05	8.0	0.403	1.03
N831658		390	15.4	148.5	<0.002	0.58	0.92	15.3	1	1.8	102.5	0.67	<0.05	9.3	0.444	1.27
N831659		360	15.0	151.0	<0.002	0.59	1.45	16.7	1	1.8	72.5	0.69	<0.05	9.3	0.455	1.27
N831660		290	10.8	80.9	<0.002	0.58	0.84	8.3	1	1.1	80.4	0.44	<0.05	6.7	0.276	0.91
N831661		350	12.4	138.0	<0.002	1.70	0.44	14.8	1	1.7	83.2	0.63	<0.05	8.5	0.411	2.50
N831662		320	20.6	143.5	<0.002	1.61	0.56	15.7	2	1.8	76.2	0.69	<0.05	9.2	0.418	2.12
N831663		400	13.6	141.5	<0.002	3.17	0.52	15.2	1	1.7	107.0	0.67	0.06	9.3	0.403	3.96
N831664		630	10.7	106.0	0.002	0.24	0.36	25.1	3	1.9	138.5	0.93	0.23	5.8	0.683	0.64
N831665		720	11.6	125.0	0.002	0.26	0.43	25.7	3	2.1	98.8	1.04	0.29	6.1	0.740	0.68
N831666		680	10.6	133.5	0.003	0.31	0.42	25.0	3	2.0	116.5	1.01	0.28	6.2	0.653	0.79
N831667		720	11.2	154.5	0.003	0.39	0.47	25.4	3	2.1	117.0	1.07	0.30	6.4	0.683	0.98
N831668		720	10.9	140.5	0.003	0.38	0.44	25.5	3	2.1	114.0	1.06	0.30	6.5	0.672	0.78
N831669		690	10.6	134.0	0.004	0.37	0.42	24.3	3	2.0	125.0	1.03	0.28	6.0	0.639	0.76
N831670		710	10.6	117.5	0.003	0.37	0.38	24.8	3	2.0	118.0	1.02	0.29	6.4	0.641	0.63
N831671		640	12.3	123.5	0.005	0.51	0.37	22.4	3	2.1	121.0	0.98	0.24	6.8	0.613	0.69
N831672		470	14.0	106.5	0.006	0.61	0.35	18.1	2	1.6	146.0	0.69	0.13	6.0	0.446	0.65
N831673		640	12.7	113.0	0.003	0.39	0.32	27.0	3	1.7	116.5	0.94	0.24	5.7	0.644	0.71
N831674		700	13.2	132.5	0.003	0.46	0.36	27.5	3	1.8	116.0	1.04	0.27	6.3	0.668	1.08
N831675		470	12.1	96.2	<0.002	1.01	1.00	11.6	2	1.3	489	0.59	0.05	8.7	0.227	2.33
N831676		590	14.7	155.5	0.006	2.33	3.29	13.6	2	2.1	456	0.92	<0.05	15.5	0.306	9.18
N831677		920	23.6	189.5	0.008	3.18	1.30	17.5	3	3.0	207	1.05	0.08	16.6	0.376	5.90
N831678		620	23.7	146.0	0.004	2.69	0.54	17.2	2	2.0	228	0.88	0.09	12.0	0.452	2.52
N831679		450	30.0	156.0	0.002	1.63	0.78	13.5	2	2.0	384	0.86	0.08	13.9	0.334	2.61
N831680		1440	37.1	141.0	<0.002	3.41	17.45	12.0	2	1.9	193.0	0.87	0.08	14.5	0.326	24.5
N831681		1530	20.2	205	0.008	0.29	1.24	17.5	3	3.6	250	1.08	0.15	14.7	0.399	2.90
N831682		1370	21.4	189.0	0.012	4.36	1.26	18.1	3	3.5	204	1.12	0.07	15.5	0.422	5.97
N831683		1460	19.9	153.5	0.009	3.45	0.87	14.8	2	2.6	232	0.92	0.06	14.4	0.329	4.71
N831684		1370	21.9	165.0	0.007	2.63	0.87	15.1	2	2.7	238	1.00	0.07	16.7	0.347	3.42
N831685		1390	19.9	161.5	0.013	2.55	0.81	14.9	2	2.8	214	1.08	0.06	17.1	0.360	2.98
N831686		740	20.7	161.5	0.012	2.57	0.72	14.1	2	2.6	243	1.05	<0.05	19.3	0.339	2.67
N831687		860	22.9	171.0	0.014	3.35	0.67	14.9	2	2.6	229	1.08	<0.05	20.2	0.348	3.30
N831688		1350	19.8	149.5	0.009	2.62	0.61	13.1	2	2.1	325	0.90	<0.05	16.4	0.296	1.79

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Finalized Date: 12-SEP-2013
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153666

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N831649		1.4	39	1.3	15.0	29	72.2
N831650		1.8	57	1.2	16.6	29	100.0
N831651		2.1	139	7.7	23.8	58	116.5
N831652		2.1	133	4.5	22.8	70	116.0
N831653		2.1	117	3.3	21.3	61	108.5
N831654		1.8	118	1.4	20.7	89	108.5
N831655		1.3	93	1.7	14.9	51	81.2
N831656		2.0	128	1.4	23.6	52	115.5
N831657		1.5	102	1.1	19.0	54	90.8
N831658		1.8	126	1.5	19.4	68	103.0
N831659		1.9	133	1.9	20.0	80	105.0
N831660		1.4	74	1.1	13.1	49	66.3
N831661		1.8	117	1.1	18.0	78	98.5
N831662		2.0	126	1.3	18.9	230	99.7
N831663		2.0	118	1.2	20.4	65	102.5
N831664		1.7	215	1.0	30.5	100	136.0
N831665		1.8	233	0.9	29.1	99	149.0
N831666		1.9	205	0.8	29.7	95	144.0
N831667		2.0	209	0.8	30.2	97	149.0
N831668		2.0	208	0.8	31.1	93	152.0
N831669		1.9	198	0.8	29.1	95	141.5
N831670		2.0	200	0.7	32.8	99	149.0
N831671		1.9	192	0.8	29.1	93	140.0
N831672		1.7	141	0.9	23.6	76	103.5
N831673		1.7	210	0.8	25.4	92	120.0
N831674		2.0	209	0.9	27.0	104	131.0
N831675		7.7	70	1.7	14.9	57	79.4
N831676		5.8	108	3.5	23.6	92	105.0
N831677		4.9	158	2.4	27.5	119	112.5
N831678		3.0	135	1.5	21.5	111	107.5
N831679		3.7	97	1.6	20.8	84	100.5
N831680		3.2	84	3.5	30.1	108	115.0
N831681		4.4	182	2.9	25.9	114	115.0
N831682		5.1	186	4.8	26.6	208	117.5
N831683		3.9	131	2.2	27.1	95	100.0
N831684		4.2	130	2.2	27.8	134	107.5
N831685		4.3	153	1.9	28.4	145	110.5
N831686		4.2	144	2.6	22.9	73	112.5
N831687		4.3	144	2.4	27.6	77	118.0
N831688		4.3	120	1.5	31.6	44	104.5

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CERTIFICATE OF ANALYSIS WH13153666

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831689		0.38	<0.01	0.04	5.21	63.7	440	1.51	0.22	2.64	0.04	58.0	14.5	61	20.6	38.5
N831690		0.39	<0.01	0.02	7.36	62.5	280	2.35	0.33	1.64	0.02	73.1	20.6	76	52.8	68.2
N831691		0.36	<0.01	0.04	7.82	59.9	280	2.36	0.36	1.38	0.83	78.8	20.4	79	53.0	62.1
N831692		0.47	<0.01	0.03	8.14	37.8	370	2.39	0.38	1.30	0.23	82.5	16.3	79	62.2	61.8
N831693		0.93	<0.01	0.04	7.63	25.7	440	2.26	0.34	1.40	0.19	77.9	19.8	75	50.4	58.7
N831694		0.69	<0.01	0.05	7.64	38.7	1390	2.22	0.34	1.56	0.17	76.4	17.6	75	52.9	62.2
N831695		0.75	<0.01	0.07	7.53	83.9	350	2.43	0.33	2.88	0.05	77.4	20.1	75	36.3	62.3
N831696		0.94	0.01	0.06	7.46	71.6	320	2.48	0.34	1.69	0.04	73.7	28.6	74	35.5	61.4
N831697		0.41	0.01	0.05	6.51	61.8	250	1.83	0.27	2.42	0.03	66.7	19.4	73	47.4	58.3
N831698		0.31	<0.01	0.03	6.54	25.5	240	1.85	0.25	2.86	0.11	66.0	18.3	73	49.6	57.8

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VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153666

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N831689		4.19	14.50	0.16	2.7	0.22	0.063	2.28	26.6	116.5	2.09	680	0.27	0.03	8.9	30.0
N831690		5.57	21.2	0.21	3.5	0.23	0.085	3.24	34.0	175.5	2.23	551	0.41	0.04	12.8	44.6
N831691		5.52	22.1	0.20	3.7	0.25	0.101	3.44	37.1	139.5	2.20	449	0.36	0.04	13.3	42.1
N831692		5.38	22.3	0.17	3.9	0.14	0.092	3.63	38.6	116.0	2.18	403	0.58	0.05	12.5	38.3
N831693		5.51	21.4	0.20	3.5	0.20	0.084	3.36	36.2	116.0	2.17	403	0.60	0.04	12.1	37.4
N831694		5.90	20.8	0.21	3.6	0.27	0.080	3.35	36.6	118.0	2.50	458	0.34	0.04	11.6	38.2
N831695		5.84	21.2	0.22	3.4	0.20	0.092	3.41	36.3	91.8	2.62	555	0.31	0.04	13.0	40.2
N831696		6.30	21.6	0.21	3.3	0.17	0.087	3.36	35.6	115.0	2.21	539	0.87	0.04	12.3	48.0
N831697		5.33	17.85	0.19	3.2	0.10	0.073	2.66	30.7	153.0	2.49	665	0.28	0.07	10.8	38.5
N831698		4.97	18.50	0.17	3.0	0.07	0.075	2.70	31.4	111.0	2.61	773	0.37	0.13	11.2	36.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153666

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N831689		590	15.3	112.5	<0.002	0.30	0.46	15.0	1	1.5	235	0.75	0.05	8.7	0.435	0.84
N831690		590	26.5	179.0	<0.002	0.37	0.41	21.4	2	2.2	86.1	1.06	0.06	12.5	0.560	1.05
N831691		610	19.4	198.5	<0.002	0.51	0.48	22.4	2	2.3	79.5	1.06	0.06	12.8	0.567	1.29
N831692		580	28.1	206	<0.002	0.40	0.53	22.6	2	2.3	87.3	1.10	0.05	13.5	0.549	1.53
N831693		580	22.4	197.0	<0.002	0.93	0.61	21.7	2	2.2	123.5	1.03	0.05	12.5	0.513	1.58
N831694		540	22.0	190.0	<0.002	0.83	0.67	21.3	2	2.2	108.0	0.98	0.05	12.6	0.500	1.43
N831695		610	21.6	187.0	<0.002	0.96	1.36	21.0	2	2.3	208	1.05	0.06	12.4	0.539	1.75
N831696		560	29.6	179.0	<0.002	1.98	1.43	21.0	2	2.1	118.5	0.98	0.06	12.3	0.534	1.45
N831697		520	19.6	149.0	<0.002	0.12	0.38	19.3	1	1.8	113.5	0.91	0.05	10.8	0.544	1.01
N831698		540	16.2	158.0	<0.002	0.09	0.40	19.3	2	1.8	96.7	0.87	0.05	10.5	0.541	1.02

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2013
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH13153666

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N831689		2.0	116	3.7	19.7	55	94.7
N831690		2.7	146	1.7	26.2	94	126.5
N831691		2.8	153	1.7	28.5	255	137.0
N831692		2.9	155	1.7	28.0	130	133.5
N831693		2.7	144	1.7	26.4	108	125.5
N831694		2.7	141	1.8	26.0	103	123.0
N831695		2.7	142	4.4	28.2	97	128.0
N831696		2.7	141	1.7	25.7	83	124.5
N831697		2.4	143	1.5	23.4	74	114.5
N831698		2.3	142	1.4	23.5	78	118.0

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Project: Nadaleen

Finalized Date: 12-SEP-2013
Account: RCM

CERTIFICATE OF ANALYSIS WH13153666

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)
Applies to Method: ME-MS61

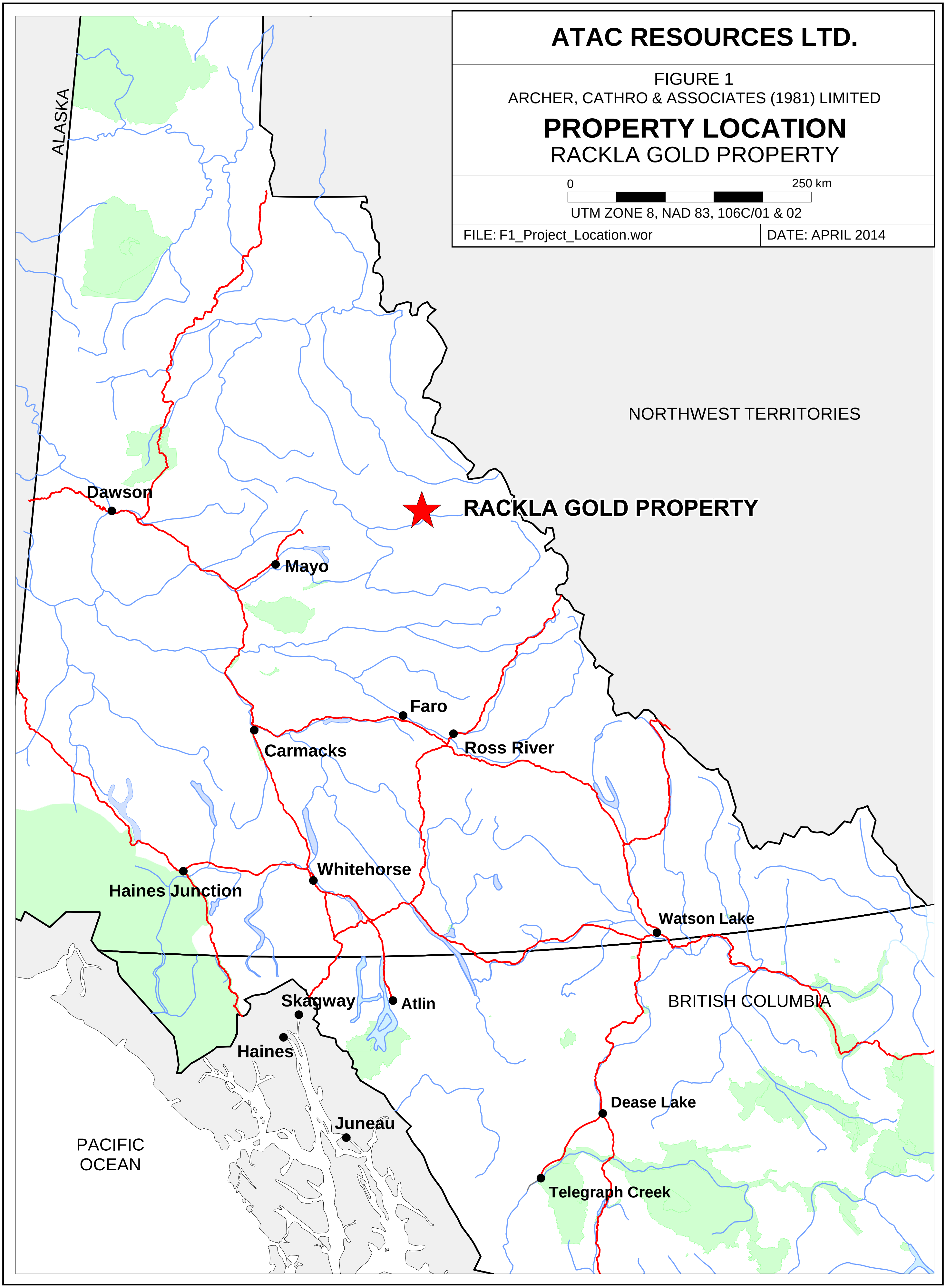
LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61



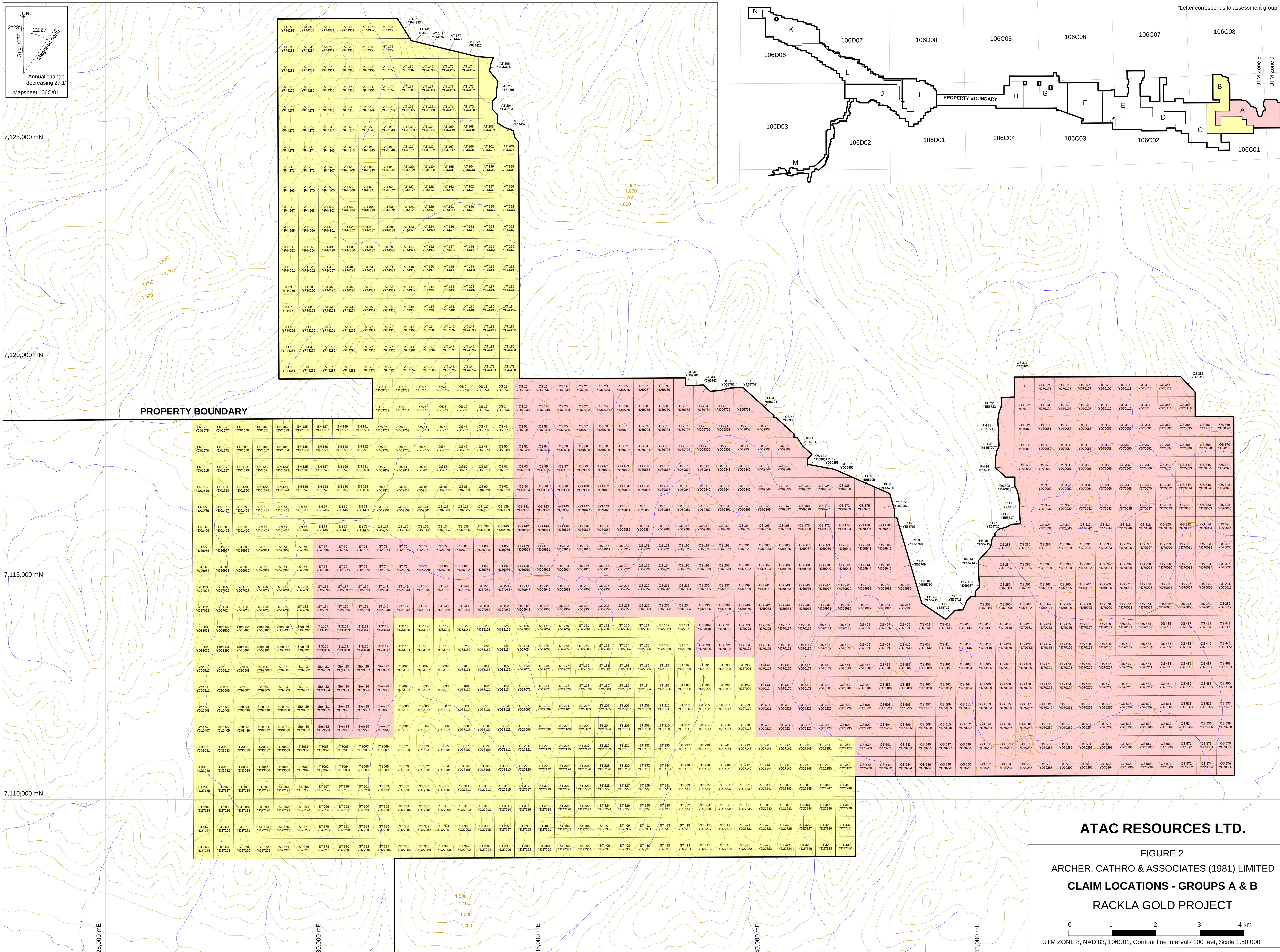
ATAC RESOURCES LTD.

FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

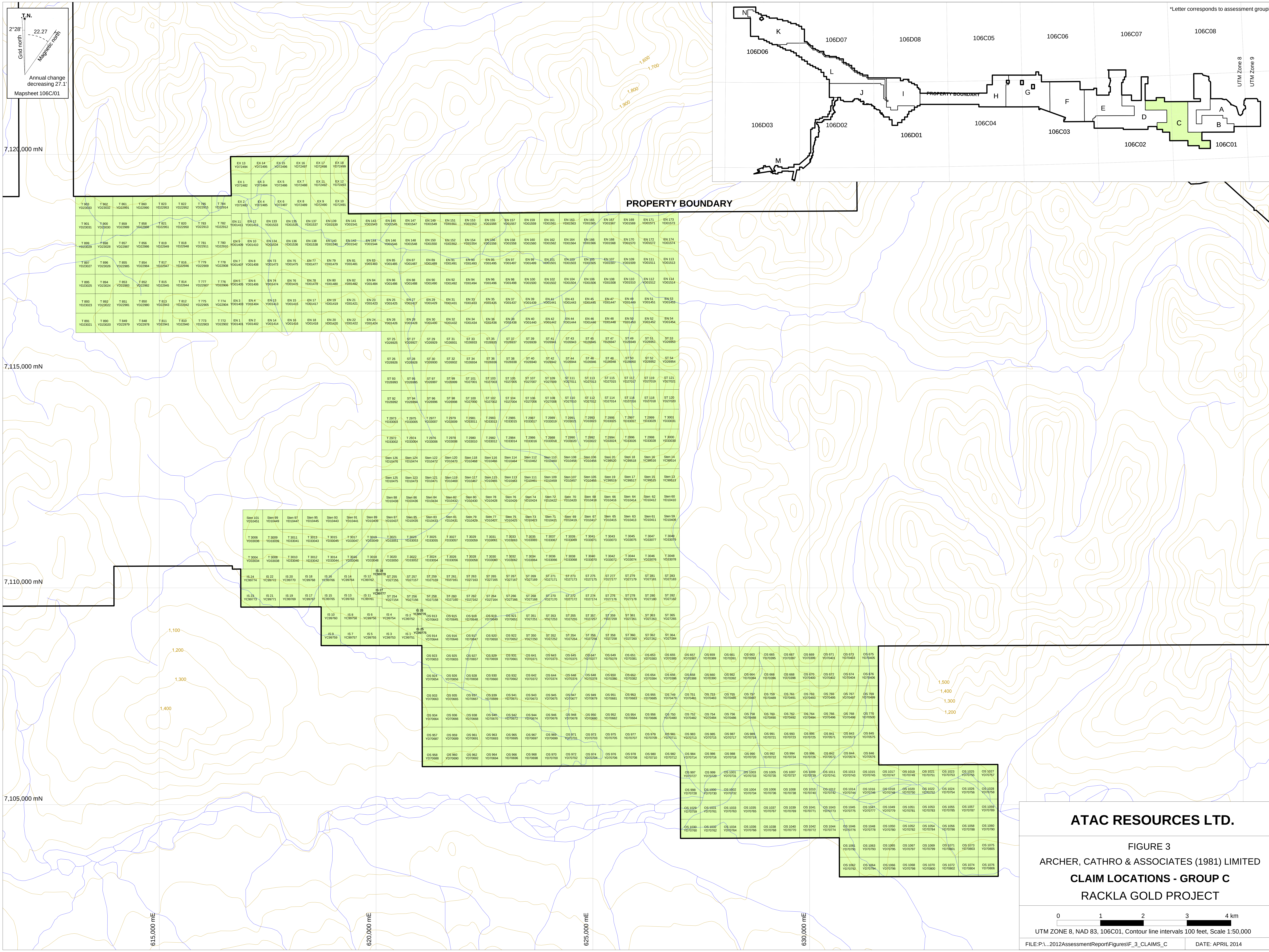
PROPERTY LOCATION
RACKLA GOLD PROPERTY

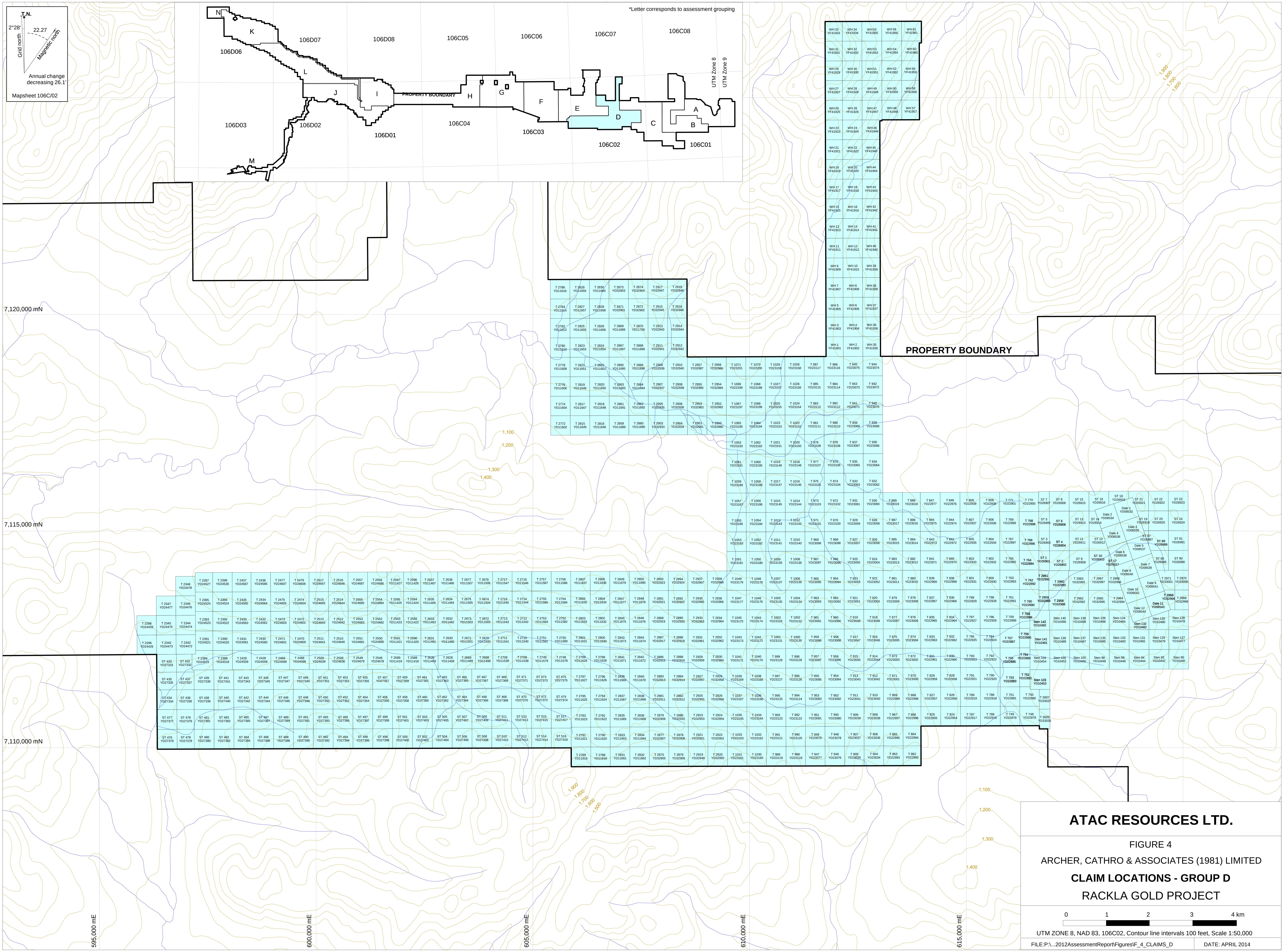
UTM ZONE 8, NAD 83, 106C/01 & 02

FILE: F1_Project_Location.wor | DATE: APRIL 2014



T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01
*Letter corresponds to assessment grouping
106D07
106D08
106C05
106C06
106C07
106C08
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
PROPERTY BOUNDARY
UTM Zone 8
UTM Zone 9
7,125,000 mN
7,120,000 mN
7,115,000 mN
7,110,000 mN
625,000 mE
630,000 mE
635,000 mE
640,000 mE
645,000 mE
PROPERTY BOUNDARY
ATAC RESOURCES LTD.
FIGURE 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS - GROUPS A & B
RACKLA GOLD PROJECT
0
1
2
3
4 km
UTM ZONE 8, NAD 83, 106C01, Contour line intervals 100 feet, Scale 1:50,000
FILE:P:\...2012AssessmentReport\Figures\F_2_CLAIMS_A&B
DATE: APRIL 2014


T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change
decreasing 27.1'
Mapsheet 106C/01
*Letter corresponds to assessment grouping
106D07
106D08
106C05
106C06
106C07
106C08
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
PROPERTY BOUNDARY
UTM Zone 8
UTM Zone 9
N
K
L
J
I
H
G
F
E
D
C
B
A
M
PROPERTY BOUNDARY
7,120,000 mN
7,115,000 mN
7,110,000 mN
7,105,000 mN
615,000 mE
620,000 mE
625,000 mE
630,000 mE
ATAC RESOURCES LTD.
FIGURE 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS - GROUP C
RACKLA GOLD PROJECT
0
1
2
3
4 km
UTM ZONE 8, NAD 83, 106C01, Contour line intervals 100 feet, Scale 1:50,000
FILE:P:\...2012AssessmentReport\Figures\F_3_CLAIMS_C
DATE: APRIL 2014



ATAC RESOURCES LTD.

FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS - GROUP D

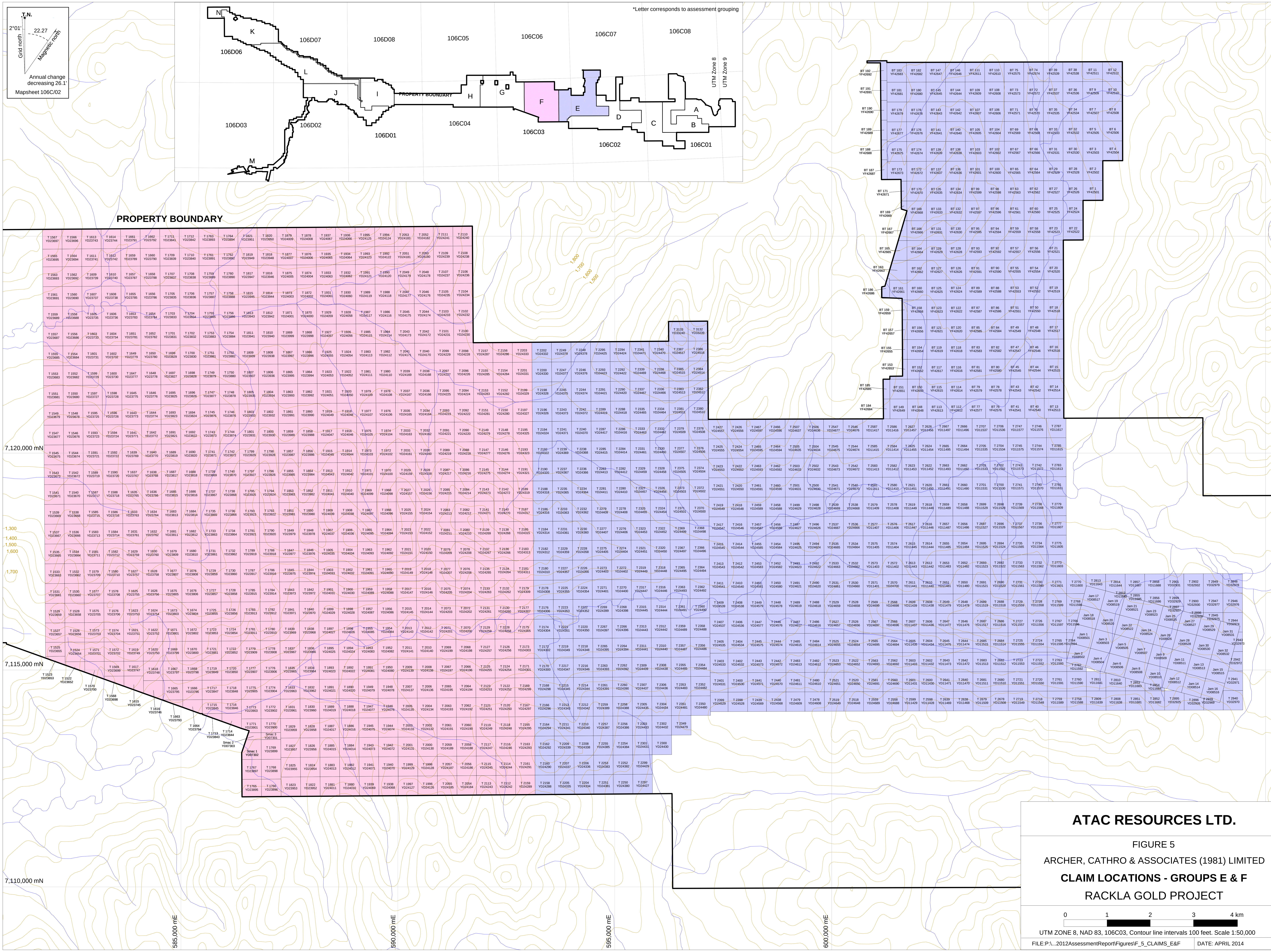
RACKLA GOLD PROJECT

0 1 2 3 4 km

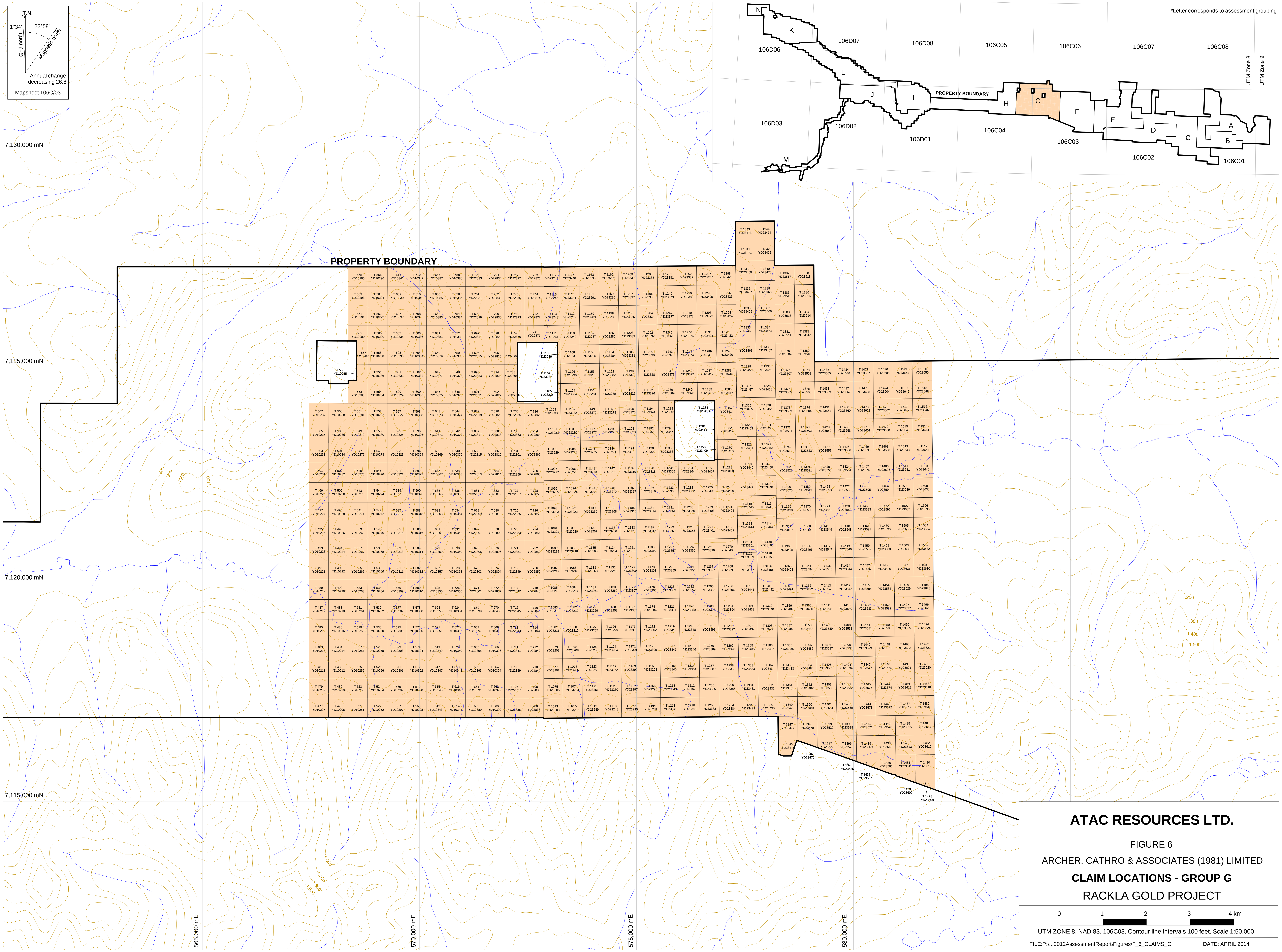
UTM ZONE 8, NAD 83, 106C02, Contour line intervals 100 feet, Scale 1:50,000

FILE:P:\...2012AssessmentReport\Figures\F_4_CLAIMS_D

DATE: APRIL 2014



T.N.
2°01'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/02
*Letter corresponds to assessment grouping
106D07
106D08
106C05
106C06
106C07
106C08
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
UTM Zone 8
UTM Zone 9
PROPERTY BOUNDARY
N
K
L
J
I
H
G
F
E
D
C
B
A
M
PROPERTY BOUNDARY
7,120,000 mN
7,115,000 mN
7,110,000 mN
585,000 mE
590,000 mE
595,000 mE
600,000 mE
ATAC RESOURCES LTD.
FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS - GROUPS E & F
RACKLA GOLD PROJECT
0
1
2
3
4 km
UTM ZONE 8, NAD 83, 106C03, Contour line intervals 100 feet. Scale 1:50,000
FILE:P:\...2012AssessmentReport\Figures\F_5_CLAIMS_E&F
DATE: APRIL 2014



ATAC RESOURCES LTD.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS - GROUP G

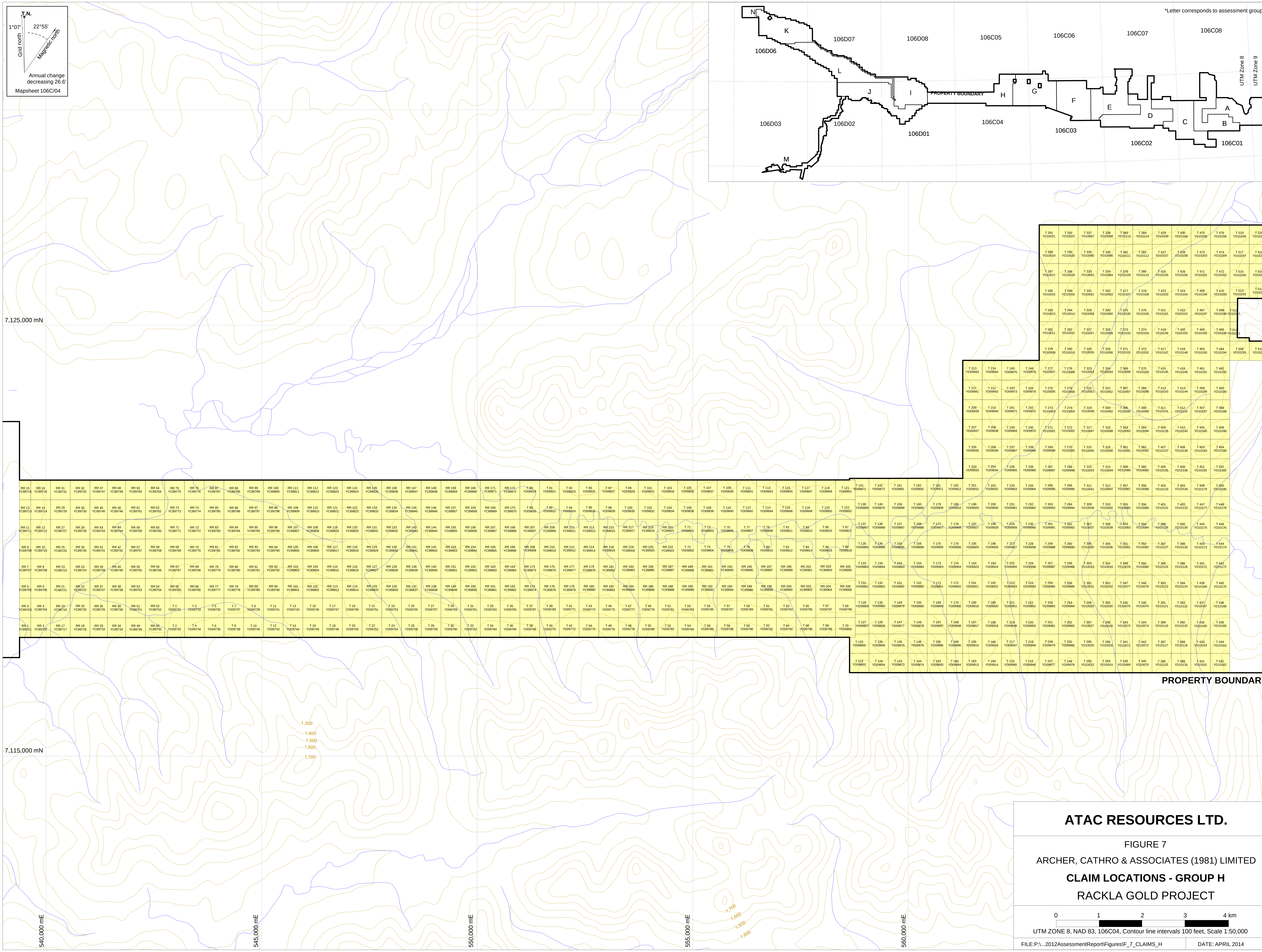
RACKLA GOLD PROJECT

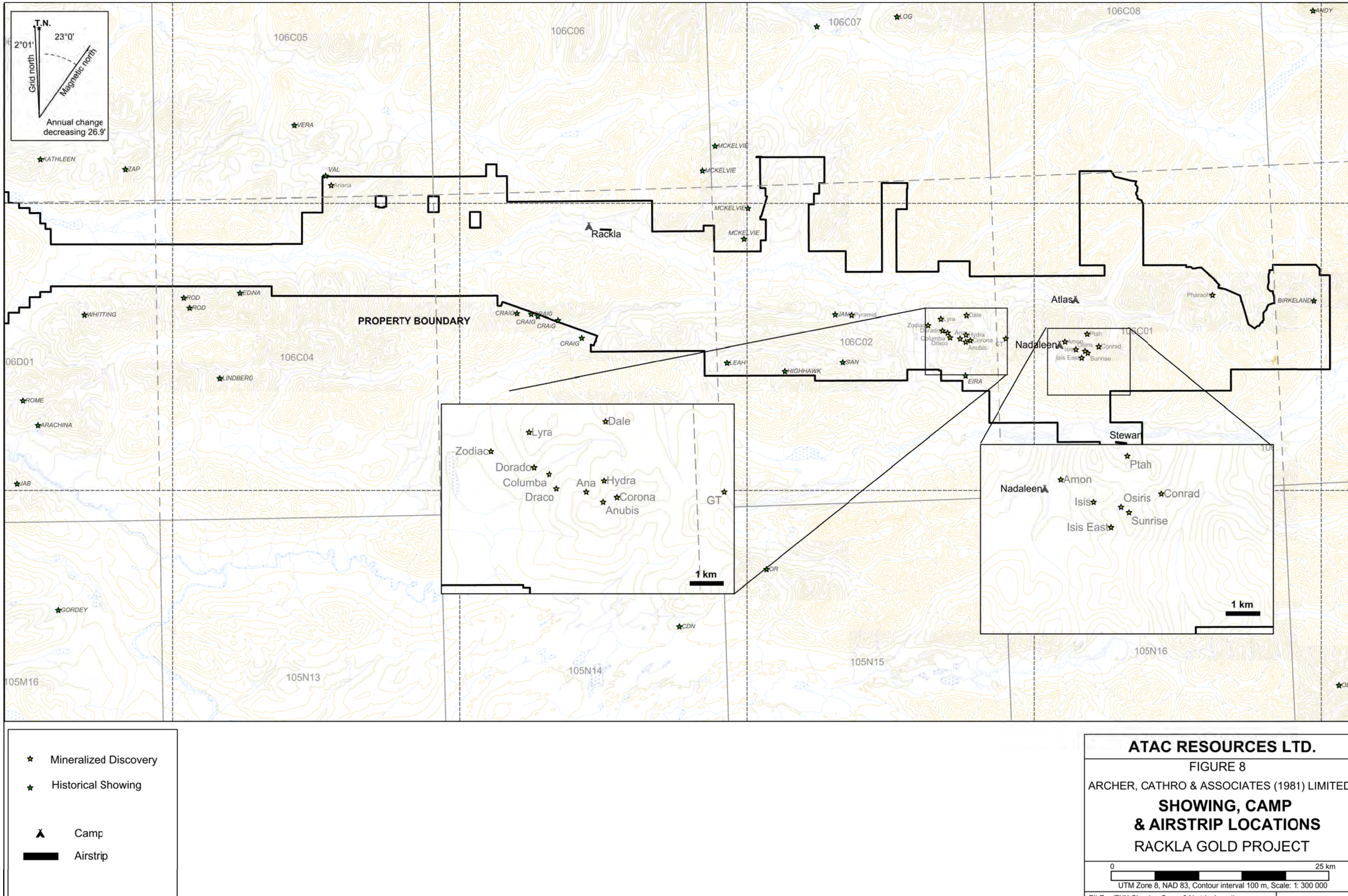
0 1 2 3 4 km

UTM ZONE 8, NAD 83, 106C03, Contour line intervals 100 feet, Scale 1:50,000

FILE:P:\...2012AssessmentReport\Figures\F_6_CLAIMS_G

DATE: APRIL 2014


T.N.
1°07'
22°55'
Grid north
Magnetic north
Annual change decreasing 26.6'
Mapsheet 106C/04
*Letter corresponds to assessment grouping
106D06
106D07
106D08
106C05
106C06
106C07
106C08
106D03
106D02
106D01
106C04
106C03
106C02
106C01
UTM Zone 8
UTM Zone 9
PROPERTY BOUNDARY
N
K
L
J
I
H
G
F
E
D
C
A
B
M
7,125,000 mN
7,115,000 mN
540,000 mE
545,000 mE
550,000 mE
555,000 mE
560,000 mE
PROPERTY BOUNDARY
1,300
1,400
1,500
1,600
1,700
ATAC RESOURCES LTD.
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS - GROUP H
RACKLA GOLD PROJECT
0
1
2
3
4 km
UTM ZONE 8, NAD 83, 106C04, Contour line intervals 100 feet, Scale 1:50,000
FILE:P:\...2012AssessmentReport\Figures\F_7_CLAIMS_H
DATE: APRIL 2014



ATAC RESOURCES LTD.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

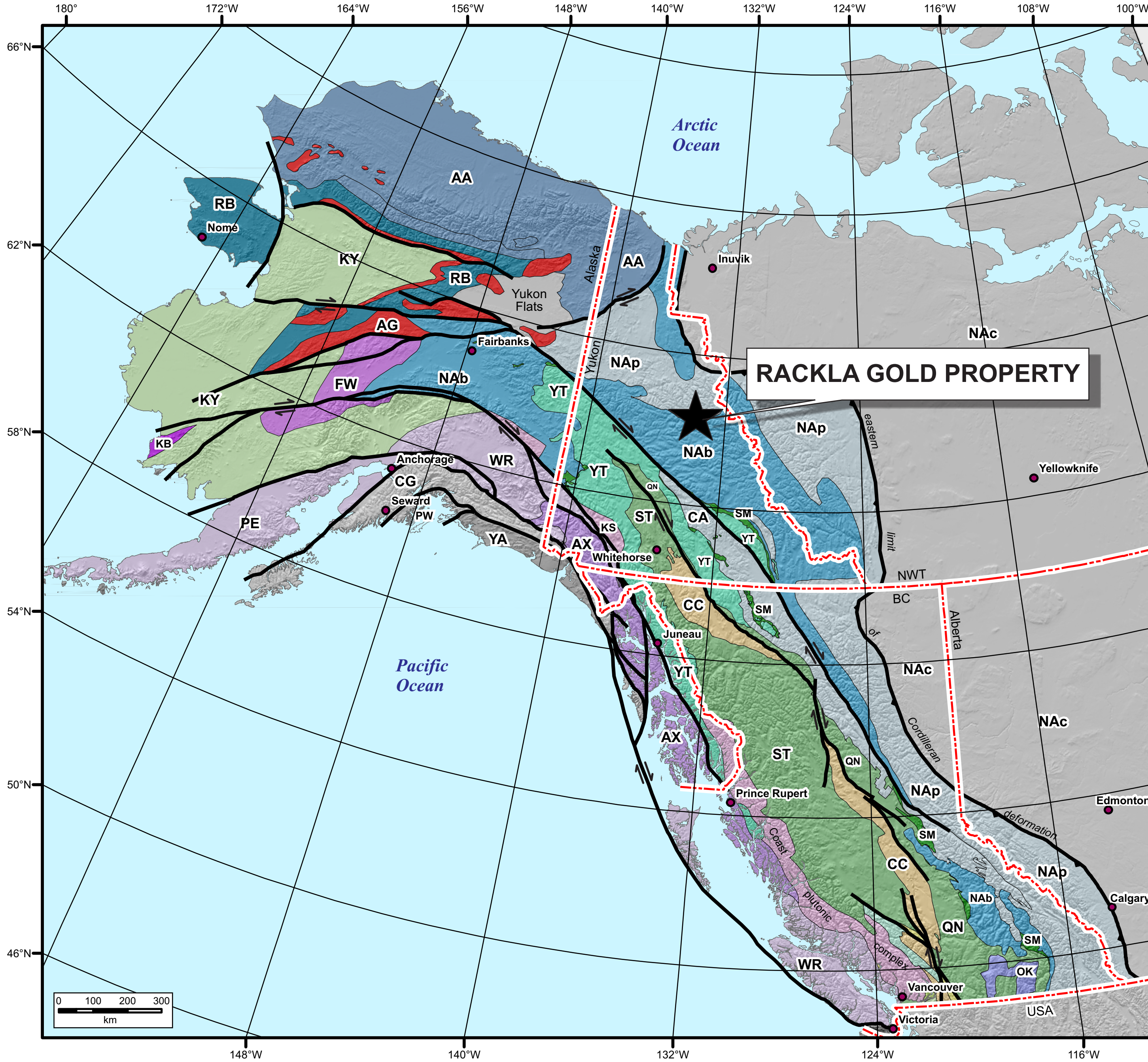
SHOWING, CAMP & AIRSTRIP LOCATIONS

RACKLA GOLD PROJECT

0 — 25 km

UTM Zone 8, NAD 83, Contour interval 100 m, Scale: 1: 300 000

FILE:.../FXX-Showing,Camp &Airstrip_Locations.wor | DATE: APRIL 2014



Outboard	
YA	Yakutat
PW	Prince William
CG	Chugach
PR	Pacific Rim
CR	Crescent
KY	Koyukuk, Nyak, Togiak
Insular	
PE	Peninsular
AX	Alexander
WR	Wrangellia
KS	Kluane, Windy, Coast
Northern Alaska	
AG	Angayucham/ Tozitna/Innoko
AA	Arctic-Alaska, Hammond
RB	Coldfoot, Ruby, Seward
FW	Farewell
KB	Kilbuck
Intermontane	
MT	Methow
CD	Cadwallader
BR	Bridge River
CC	Cache Creek
HA	Harrison
CK	Chilliwack
ST	Stikinia
QN	Quesnellia
OK	Okanagan
YT	Yukon-Tanana
SM	Slide Mountain
Ancestral North America	
CA	Cassiar
NAb	North America - basinal
NAp	North America - platform
NAc	North America - craton & cover

Taken from Colpron, M. and Nelson, J.L., 2011

ATAC RESOURCES LTD.

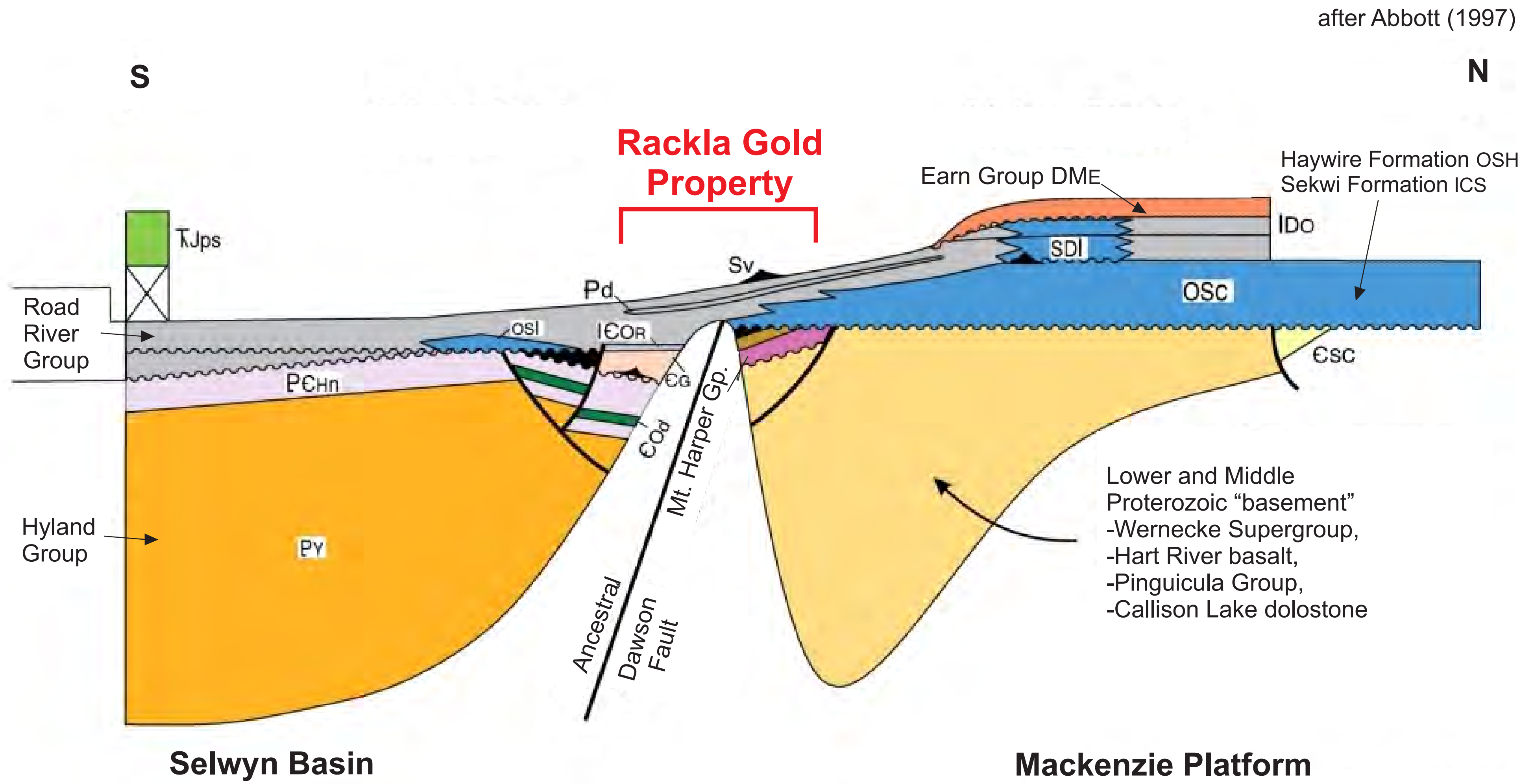
FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

RACKLA GOLD PROPERTY

FILE: 2013/Nadaleen | DATE: APRIL 2014



ATAC RESOURCES LTD.

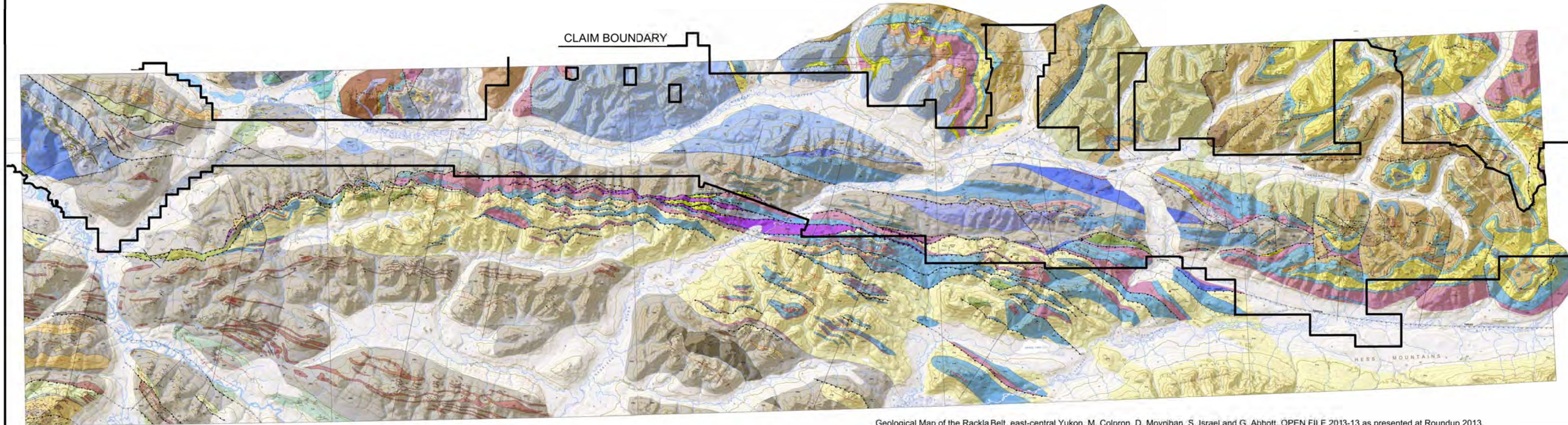
FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL STRATIGRAPHIC SECTION

RACKLA GOLD PROPERTY

FILE:.../F_14-Regional_Strat_Sect	DATE: APRIL 2014



Geological Map of the Rackla Belt, east-central Yukon. M. Colpron, D. Moynihan, S. Israel and G. Abbott. OPEN FILE 2013-13 as presented at Roundup 2013.

LEGEND

QUATERNARY

Q — **QUATERNARY**: *unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluviatile silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits*

IGNEOUS ROCKS

LATE CRETACEOUS(?)

LKg — **McQUESTEN SUITE?**: *medium-grained, pegmatitic, miarolitic, leucocratic fluorite-rich, muscovite, biotite granite, granodiorite (67-63 Ma) (only in 105D/1 and 106C/4)*

MIDDLE TRIASSIC

Tg — **GALENA SUITE:** *massive, dark grey weathering, medium-grained hornblende gabbro sills and dikes intruding Earn Group (c. 234-228 Ma)*

PALEOZOIC(?)

Pg — *dark green to black, fine to medium-grained gabbro, pyroxenite*

Pum — *bright green to black serpentinite; orange to brown weathering listwaenite, commonly contains fuschite*

MESOZOIC ROCKS

MIDDLE TO UPPER TRIASSIC

TJl — **JONES LAKE FORMATION:** *recessive, buff to grey weathering, black sooty limestone; calcareous and non-calcareous, micaceous black shale; dark grey non-calcareous silty shale at base of sequence*

TJs — **JONES LAKE FORMATION:** *recessive, non-calcareous grey slate and shale; recessive, buff to grey weathering calcareous black shale, micaceous, calcareous siltstone and sandstone (may include Lower Jurassic strata locally)*

PALEOZOIC PLATFORM ROCKS

ORDOVICIAN TO DEVONIAN?

ODb — **BOUVETTE FORMATION:** *resistant, generally well-bedded to massive, grey weathering variably dolomitized carbonate; locally fossiliferous; locally contains black diagenetic chert*

SILURIAN TO MIDDLE DEVONIAN

SDc — *thick-bedded to massive light grey dolostone and limestone. Dark grey fetid limestone containing "two hole" and "star" crinoids near top of unit*

SILURIAN (LLANDOVERY-WENLOCK)

Sv — *dark green to brown weathering vesicular basalt; carbonate-cemented hyaloclastic breccia; volcanic sandstone, grit and pebble to cobble conglomerate in platform carbonate hosting Rau (Tiger) deposit in 106D/1*

ORDOVICIAN TO SILURIAN?

OSs — *rusty brown weathering, medium-grained, planar laminated sandstone, siltstone*

ORDOVICIAN TO SILURIAN

OSc — *thin to medium-bedded, grey and buff weathering, silty limestone; massive, white limestone; well bedded, pale yellow and grey limestone in upper part of unit*

UPPER CAMBRIAN TO LOWER ORDOVICIAN

COc — *massive, pale grey dolostone; oncolitic dolostone; minor quartzite and sandy dolostone*

UPPER CAMBRIAN

uCT — **TAIGA FORMATION?:** *finely laminated to thinly bedded grey and black dolostone; massive to well bedded, medium grey, pinkish grey dolostone*

NEOPROTEROZOIC (EDIACARAN) TO LOWER CAMBRIAN

PEc — *massive, pale grey limestone*

PALEOZOIC OFFSHELF ROCKS

UPPER MISSISSIPPIAN TO LOWER PERMIAN

CPps — *dark grey shale interbedded with laminated quartz sandstone and thick-bedded massive, fine-grained quartzite; buff and green phyllite; minor grey chert*

CPl — *thick-bedded, buff and grey weathering, dark grey limestone, locally interbedded with shale; basal third of unit contains abundant crinoids and fragments of other megafossils and grit and chert-pebble conglomerate*

CPcg — *chert pebble conglomerate, silica cemented in some places and carbonate cemented in others*

CARBONIFEROUS TO PERMIAN

CPMC — **MOUNT CHRISTIE FORMATION?:** *greenish-grey, pink and dark grey shale; light grey-green to black chert, minor sandstone, limestone*

CPMCc — **MOUNT CHRISTIE FORMATION?:** *thin to medium bedded greenish-grey to black chert; greenish-grey and grey shale*

MISSISSIPPIAN

MT — **TSICHU GROUP (KENO HILL QUARTZITE):** *light to dark grey, thick bedded to massive, vitreous quartzite; black shale*

MISSISSIPPIAN

Mc — *light to medium grey, well-bedded limestone, locally very fossiliferous; contains large crinoids*

UPPER DEVONIAN TO LOWER MISSISSIPPIAN

DME — **EARN GROUP (undivided):** *brown-weathering, dark grey to black shale, chert, minor sandstone, siltstone; minor limestone; chert-pebble conglomerate and sandstone; locally bedded barite*

DMEc — **EARN GROUP?:** *bioclastic limestone, conglomerate, common chert pebble, crinoids and coral fragments (debris flow deposit in Earn Group shale)*

DMEp — **EARN GROUP, PREVOST FORMATION?:** *dark grey to black shale, white siltstone and sandstone*

DMvm — **EARN GROUP?:** *light to dark green weathering, vesicular basalt, locally pillowed; mafic lapilli tuff, volcanic breccia and volcanic sandstone; greenstone; minor light green quartz-feldspar porphyry*

DMvf — **EARN GROUP?:** *dark grey to buff weathering, dark grey foliated aphanitic felsic volcanic rocks, foliated quartz porphyry; intermittent buff weathering limestone near top of unit near Marg deposit (Minfile 106D 009)*

MIDDLE TO UPPER DEVONIAN

DEpl — **EARN GROUP, PORTAIT LAKE FORMATION?:** *grey limestone*

DEpl — **EARN GROUP, PORTAIT LAKE FORMATION:** *brown-weathering, dark grey to black shale; grey, black and grey-green, medium-bedded chert*

MIDDLE DEVONIAN (EIFELIAN)

mDc — *light grey crinoidal limestone; contains "two-hole" and "star" crinoids*

ORDOVICIAN TO SILURIAN?

OScs — *buff weathering, medium-grained calcareous sandstone and sandy limestone/dolostone; locally gritty and very fossiliferous*

OSc — *thin to medium-bedded, grey and buff weathering, silty limestone; massive, white limestone*

ORDOVICIAN TO LOWER DEVONIAN

ODRR — **ROAD RIVER GROUP:** *black shale; locally graptolitic; black limestone*

CAMBRIAN TO ORDOVICIAN

COv — **MARMOT GROUP?:** *dark green to black volcaniclastic sandstone and cobble to boulder conglomerate; dark brownish-grey weathering basalt, locally pillowed; black hyaloclastic breccia*

NEOPROTEROZOIC-CAMBRIAN ROCKS IN HANGING WALL OF DAWSON THRUST

LOWER TO MIDDLE CAMBRIAN

CGL — **GULL LAKE FORMATION?:** *brown-weathering, green volcanic sandstone, siltstone, locally gritty conglomerate with mud chips; local orange weathering dolostone bands*

NEOPROTEROZOIC (EDIACARAN) TO LOWER CAMBRIAN

PEHn — **HYLAND GROUP, NARCHILLA FORMATION:** *maroon and green shale and siltstone, locally bioturbated; locally grey, brown shale; locally black gritty sandstone; locally green and white sandstone; yellowish-buff weathering dolomitic limestone. New maroon shale typical of the Narchilla Formation also occur locally below or within dolomitic limestone of the Algae Formation*

NEOPROTEROZOIC (EDIACARAN)

PHa — **HYLAND GROUP, ALGAE FORMATION:** *light grey to yellowish-buff weathering dolomitic limestone and dolostone, variably dolomitized and variably silty/sandy; locally fine-grained, dolomitic sandstone; commonly graded and cross-bedded; local occurrence of Ediacaran fossils; minor grey and/or maroon shale; local debris flow units; generally limestone pebble to cobble breccia and conglomerate; some polymictic breccia, locally boulder-size*

PHy — **HYLAND GROUP, YUSEZYU FORMATION:** *brownish-grey sandstone and grit (pebbly sandstone), calcareous near top of unit; brown, grey, olive green and locally maroon shale and siltstone; locally quartz pebble conglomerate*

NEOPROTEROZOIC-CAMBRIAN ROCKS IN FOOTWALL OF DAWSON THRUST

CAMBRIAN

Cn — *recessive, dark grey, black to brown weathering, thin bedded silty limestone*

Cs — *moderately resistant, thin bedded, blue-grey siltstone and sandstone; brown weathering, dark grey-green bioturbated, weakly laminated siltstone and arkose; local limestone near base of unit*

NEOPROTEROZOIC (EDIACARAN) TO LOWER CAMBRIAN

PCHnq — **HYLAND GROUP, NARCHILLA FORMATION?:** *buff weathering, locally calcareous quartzite*

PEHn — **HYLAND GROUP, NARCHILLA FORMATION:** *maroon and green shale and siltstone, locally bioturbated; locally grey, brown shale; locally green and white sandstone, yellowish-buff weathering dolomitic limestone.*

NEOPROTEROZOIC (EDIACARAN)

PHa — **HYLAND GROUP, ALGAE FORMATION:** *light grey to yellowish-buff weathering dolomitic limestone and dolostone, variably dolomitized and variably silty/sandy; locally fine-grained, dolomitic sandstone; commonly graded and cross-bedded; minor grey and/or maroon shale; local debris flow units; generally limestone pebble to cobble breccia and conglomerate; some polymictic breccia, locally boulder-size*

PSs — **"STENBRATEN ASSEMBLAGE", UPPER:** *"upper mixed clastic sequence" - brown-weathering, grey shale and siltstone, minor sandstone and grit; rhythmically bedded, brown-weathering, grey limestone and shale; calcareous shale; thinly-bedded, grey limestone (possibly correlative with Blueflower formation of Windermere Supergroup?)*

PSl — **"STENBRATEN ASSEMBLAGE":** *brown-weathering, platy siliceous limestone*

PSq — **"STENBRATEN ASSEMBLAGE":** *grey, medium-bedded quartzite*

PSc — **"STENBRATEN ASSEMBLAGE", LOWER:** *"carbonate marker" - grey, buff, tan and orange weathering dolostone, dolomitic sandstone and limestone, commonly planar and/or cross laminated; calcareous shale and siltstone; maroon shale; carbonate-clast diamictite and conglomerate, pink weathering siltstone at base of unit (possibly correlative with Gametrail formation of Windermere Supergroup?)*

PNu — **"NADALEEN ASSEMBLAGE", UPPER:** *orange-weathering, greenish-brown rhythmically bedded fine-grained sandstone, siltstone, mudstone; polymictic diamictite, conglomerate (carbonate and quartzite pebble to cobble); maroon and green fine-grained sandstone-siltstone-mudstone*

PNl — **"NADALEEN ASSEMBLAGE", LOWER:** *brownish-grey siltstone, mudstone, limestone; rhythmically thin to medium bedded mudstone and limestone; local pink-grey quartz sandstone and quartzite; calcareous grit and sandstone (possibly equivalent to Sheepbed formation of Windermere Supergroup?)*

PNbl — **"NADALEEN ASSEMBLAGE", LOWER:** *black crystalline limestone*

PNq — **"NADALEEN ASSEMBLAGE", LOWER:** *pink-grey, quartz arenite and grit; quartzite*

PNc — **"NADALEEN ASSEMBLAGE", LOWER:** *grey limestone*

PNd — **"NADALEEN ASSEMBLAGE", LOWER:** *diamictite, conglomerate (debris flow deposit); clasts of carbonate and quartzite, pebble to boulder; locally megaclasts up to 100 m long; matrix locally sandy; grey limestone*

PNw — **"NADALEEN ASSEMBLAGE", BASAL:** *black, grey and greenish quartz wacke, quartz-pebble conglomerate, siltstone, mudstone*

OTHER PROTEROZOIC UNITS NORTH OF KATHLEEN LAKES FAULT

NEOPROTEROZOIC (CRYOGENIAN)

PRg — **RAPITAN GROUP?:** *green and orange weathering, polymictic cobble conglomerate; clasts include: dolostone, limestone, shale and chert; fine to coarse-grained sandstone, siltstone*

PRc — **RAPITAN GROUP?:** *dark grey weathering limestone with discontinuous diagenetic black chert*

PR — **RAPITAN GROUP?:** *red-brown to purple weathering, medium to thick-bedded, medium-grained wacke, siltstone, carbonate, grit*

NEOPROTEROZOIC (TONIAN)

PP — **PINGUICULA GROUP?:** *chocolate to orange-brown weathering, cryptalgal laminated, medium to thick bedded dolostone; rusty-brown weathering, olive-green siltstone and shale; lesser maroon, buff and black shale*

PALEOPROTEROZOIC

mPGL — **GILLESPIE LAKE GROUP?:** *thinly laminated to thinly bedded, orange weathering, greenish-grey silty limestone, dolostone, and calcareous silty shale*

SYMBOLS

geologic contacts (defined, approximate, inferred, covered)......

fault; movement not known (defined, approximate, inferred, covered)......

thrust fault (defined, approximate, inferred, covered)......

normal fault (defined, approximate, inferred, covered)......

anticline (upright, overturned)........................

syncline (upright, overturned)........................

bedding (S_0; inclined, upright, overturned, vertical)........................ 34 12 64

pressure-solution cleavage (S_1; inclined, vertical)........................ 75

spaced cleavage (S_2; inclined, vertical).......... 83

intersection lineation (S_0^S_1) (vergence: m, s, z, unknown)....................

fold axis (vergence: m, s, z, unknown)..........

mineral lineation........................

field station........................

apparent dip of bedding in cross section........

apparent dip of cleavage in cross section......

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Figure 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOLOGICAL MAP OF THE RACKLA BELT
YUKON GEOLOGICAL SURVEY

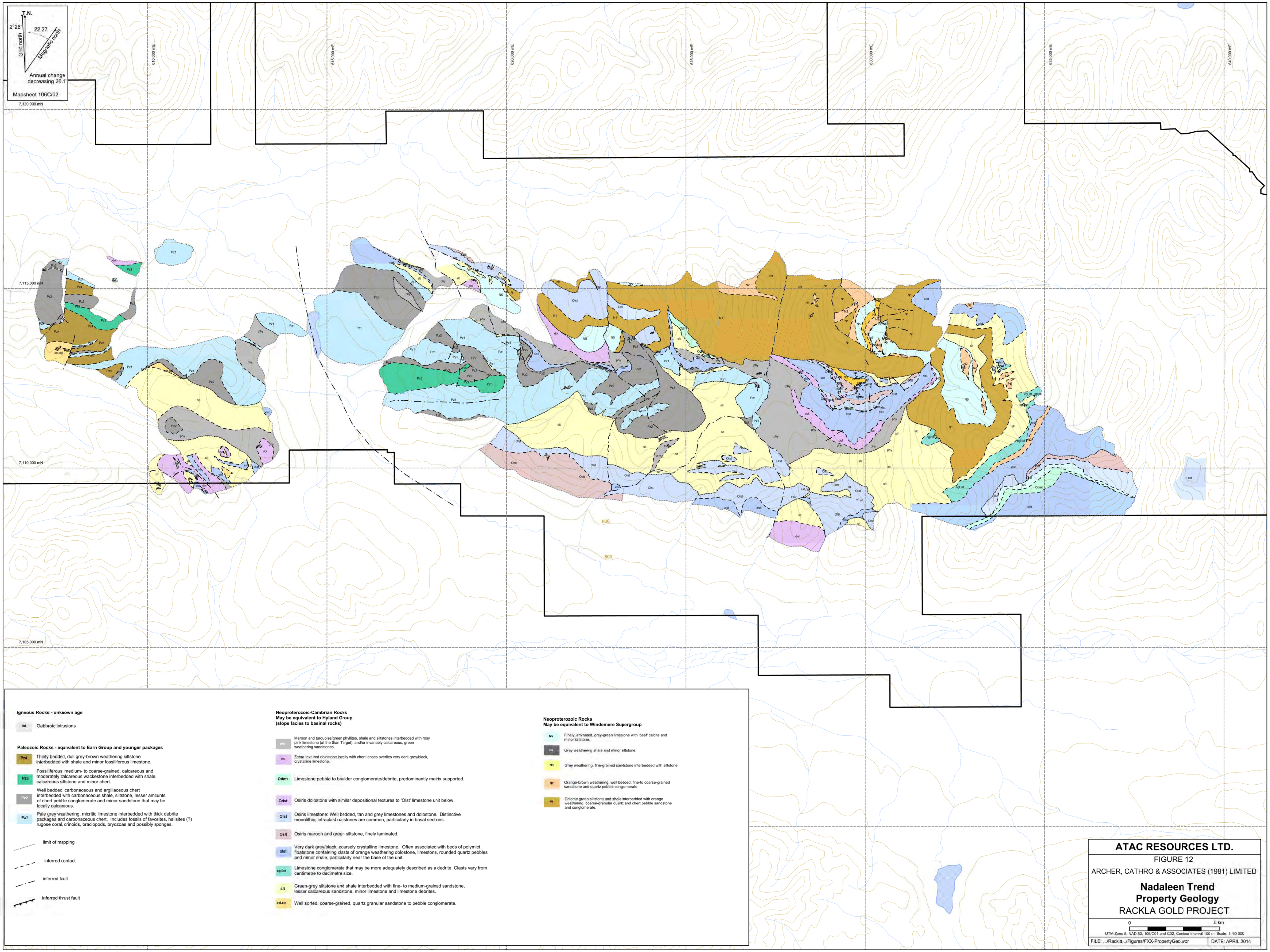
Rackla Gold Property

0 kilometres 10

NTS 106C/1-4 & 106D/1

File: F_15_GeolRacklaBelt_YGS_.WOR

Date: April 2014


T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/02
610,000 mE
615,000 mE
620,000 mE
625,000 mE
630,000 mE
635,000 mE
640,000 mE
7,120,000 mN
7,115,000 mN
7,110,000 mN
7,105,000 mN
900
800
Igneous Rocks - unknown age
int Gabbroic intrusions
Paleozoic Rocks - equivalent to Earn Group and younger packages
Pz4 Thinly bedded, dull grey-brown weathering siltstone interbedded with shale and minor fossiliferous limestone.
Pz3 Fossiliferous, medium- to coarse-grained, calcareous and moderately calcareous wackestone interbedded with shale, calcareous siltstone and minor chert.
Pz2 Well bedded, carbonaceous and argillaceous chert interbedded with carbonaceous shale, siltstone, lesser amounts of chert pebble conglomerate and minor sandstone that may be locally calcareous.
Pz1 Pale grey weathering, micritic limestone interbedded with thick debrite packages and carbonaceous chert. Includes fossils of favosites, halisites (?) rugose coral, crinoids, braciopods, bryozoas and possibly sponges.
limit of mapping
inferred contact
inferred fault
inferred thrust fault
Neoproterozoic-Cambrian Rocks
May be equivalent to Hyland Group
(slope facies to basinal rocks)
phy Maroon and turquoise/green phyllites, shale and siltstones interbedded with rosy pink limestone (at the Sian Target), and/or invariably calcareous, green weathering sandstones.
dol Zebra textured dolostone locally with chert lenses overlies very dark grey/black, crystalline limestone.
Odmt Limestone pebble to boulder conglomerate/debrite, predominantly matrix supported.
Odst Osiris dolostone with similar depositional textures to 'Olst' limestone unit below.
Olst Osiris limestone: Well bedded, tan and grey limestones and dolostone. Distinctive monolithic, intraclast rucstones are common, particularly in basal sections.
Oslt Osiris maroon and green siltstone, finely laminated.
xlst Very dark grey/black, coarsely crystalline limestone. Often associated with beds of polymict floatstone containing clasts of orange weathering dolostone, limestone, rounded quartz pebbles and minor shale, particularly near the base of the unit.
cgl,lst Limestone conglomerate that may be more adequately described as a dedrite. Clasts vary from centimetre to decimetre size.
slt Green-grey siltstone and shale interbedded with fine- to medium-grained sandstone, lesser calcareous sandstone, minor limestone and limestone debrites.
sst,cgl Well sorted, coarse-grained, quartz granular sandstone to pebble conglomerate.
Neoproterozoic Rocks
May be equivalent to Windemere Supergroup
N5 Finely laminated, grey-green limestone with 'beef' calcite and minor siltstone.
N4 Grey weathering shale and minor siltstone.
N3 Grey weathering, fine-grained sandstone interbedded with siltstone.
N2 Orange-brown weathering, well bedded, fine-to coarse-grained sandstone and quartz pebble conglomerate
N1 Chlorite green siltstone and shale interbedded with orange weathering, coarse-granular quartz and chert pebble sandstone and conglomerate.
ATAC RESOURCES LTD.
FIGURE 12
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
Nadaleen Trend
Property Geology
RACKLA GOLD PROJECT
0
5 km
UTM Zone 8, NAD 83, 106/C01 and C02, Contour interval 100 m, Scale: 1: 60 000
FILE: .../Rackla.../Figures/FXX-PropertyGeo.wor
DATE: APRIL 2014

ATAC RESOURCES LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

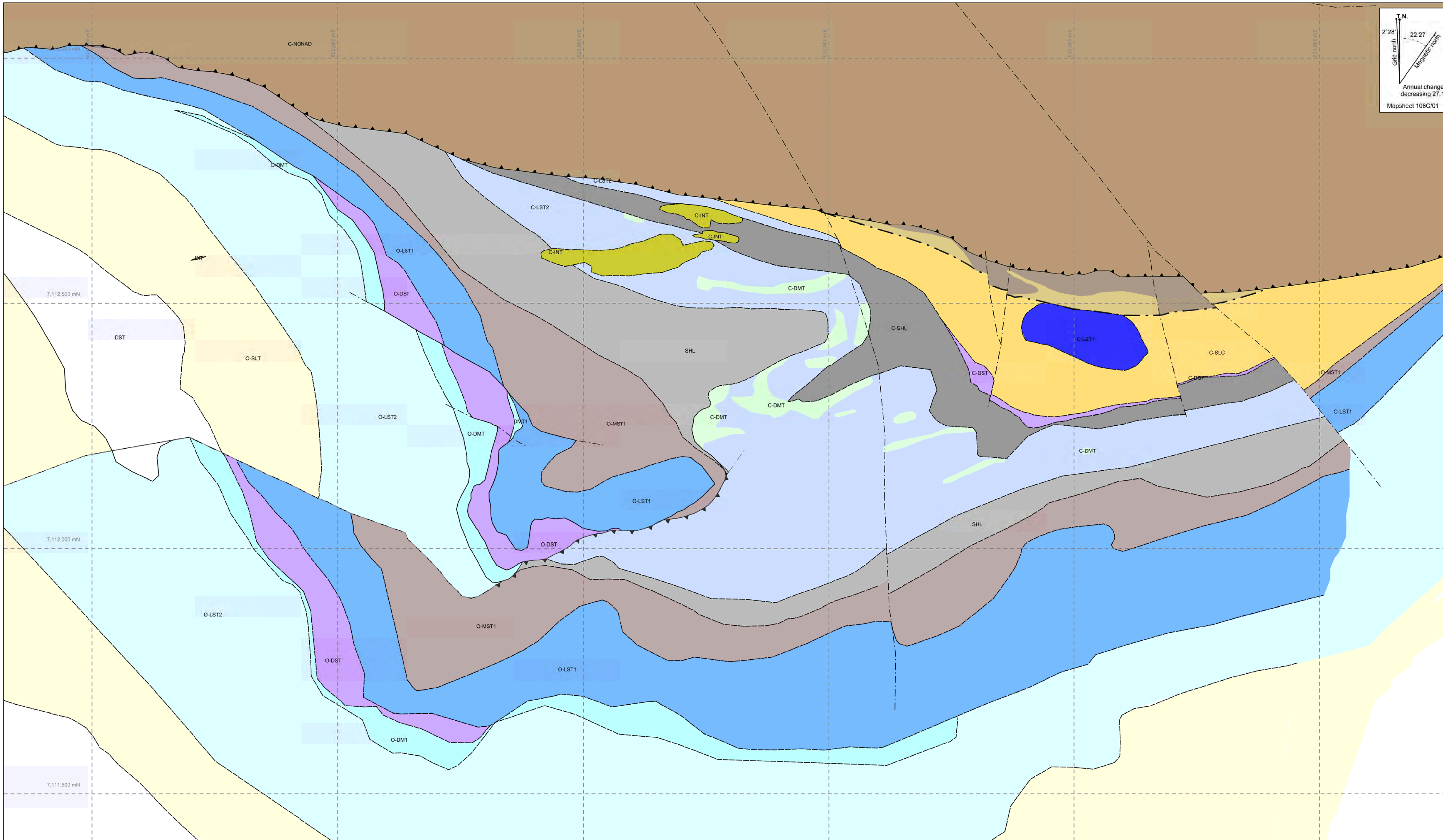
Osiris Area Stratigraphy

Rackla Gold Property

FILE: 2013/Rackla Gold/Figures/F_13 DATE: APRIL 2014

Regional Correlation	Property Correlation	Unit / Lithology	Au	Rock Type	Unit Characteristics
PNl	phy	O-SLT2		Siltstone	Brown to grey weathering, grey siltstone.
Pha	dol	IA-DST		Isis Dolostone	Buff-weathering, tan massive to fine silty laminated dolostone. Coarse grained sugary texture in part suggesting hydrothermal association.
PNl	phy	O-SLT2		Siltstone	Brown to grey weathering, grey siltstone.
PSs	Xlst(a)	O-LST2		Gritty Limestone	Tan to brown weathering, grey quartz grit limestone to calcareous sandstone interbedded with siltstone.
	Odmt	O-DMT		Osiris Debrite	Distinctive unsorted polymict conglomerate debrite dominated by cartbonate clasts from pebble to >1 metre boulders in a fine grained lime mud matrix.
	Odst	O-DST		Osiris Dolostone	Grey to tan weathering, massive to brecciated dolostone. Lower contact is gradational to interfingered.
	Olst	O-LST1		Osiris Limestone	Thinly laminated lime mudstone with quartz rich silty layers, weakly calcareous siltstone and distinctive rudstone and packstone interbeds.
PNu	Oslt	O-MST1		Osiris Mudstone	Maroon and green weathering silty mudstone.
PNl	Xlst(b)	C-LST2		Crystalline Limestone	Med to very dark grey weathering, medium to coarse crystalline lime mudstones, calc-arenites and lesser siltstone and shale with lenses of unsorted polymict conglomerate debrite beds.
	cgl,lst	C-DMT		Conrad Diamictite	
	slt	C-SHL		Black Shale	Grey to brown weathering black shale and siltstone.
		C-DST		Conrad Dolostone	Poorly exposed, tan to grey weathering, buff to light grey massive dolostone with distinctive thin black crackle overprint in core.
	sst,cgl	C-SLC		Conrad Siliciclastic	Variable siliciclastic package including: pyritic siltstone and mudstone with lesser sandstone and conglomerate. Distinctively poorly sorted with high quartz content.
		C-INT		Intrusive	
		C-SLC		Conrad Siliciclastic	
PNc	Xlst(c)	C-LST1		Conrad Limestone	Light grey weathering, massive to silty laminated limestone, lime mudstone, packstone, wackestone with cone-in-cone and beef calcite.
		C-INT		Intrusive	
		C-LST1		Conrad Limestone	
PNl		NFZ		Nadaleen Fault Zone	Shear zone up to 50 m wide in section, defined on surface as a pronounced bench; dips steeply to the North.
PNu	N1	C-NONAD		NONAD Mudstone	Distinctive rusty weathring, light teal-green to maroon and brown mudstone with minor interbedded quartz pebble congolomerate and very minor carbonate interbeds.

Not to Scale



C-INT	Mafic Intrusive
O-SLT2	Brown to grey weathering, grey siltstone
IA-DST	Buff-weathering, tan massive to finely silty laminated dolostone. Coarse grained sugary texture in part suggesting hydrothermal association.
O-LST2	Tan to brown weathering, grey quartz grit limestone to calcareous sandstone interbedded with siltstone.
O-DMT	Unsorted polymict conglomerate debrite dominated by calcareous clasts from pebble to >1 metre boulders in a fine grained lime mud matrix.
O-DST	Grey to tan weatherin, massive to brecciated dolostone. Lower contact is gradatioal to interfingered.
O-LST1	Thinly laminated lime mudstone with quartz rich silt layers, weakly calcareous siltstone and distinctive rudstone and packstone interbeds.
O-MST1	Maroon and green coloured siltly mudstone.
O-MST1	Grey siltly mudstone.
C-LST2	Medium to very dark grey weathering, medium to course crystalline lime mudstones, calc-arenites and lesser siltstone and shale.
C-DMT	Unsorted polymict conglomerate with clasts from pebble to >1 metre. Clasts are variable in composition with a coarse grained limestone matrix.
C-SHL	Grey to brown weathering black shale and siltstone.
C-DOL	Poorly exposed tan to grey weatehering, buff to light grey massive dolostone with distinctive thin black crackle overprint in core.
C-SLC	Variable siliciclastic package including: pyritic siltstone and mudstone with lesser sandstone and conglomerate. Distinctive poorly sorted with high quartz content.
C-LST	Light grey weathering, massive to silty laminated limestone, lime mudstone, packstone, wackestone with cone-n-cone and beef calcite.
NONAD	Distinctive rusty weathering, light teal-green to maroon and brown mudstone with minor interbedded quartz pebble conglomerate and very minor carbonate interbeds.
CFZ	Nadaleen Fault Zone - Shear zone up to 50 m wide in section, defined on surface as a pronounced bench; dips steeply to the north.

Strike slip or undefined fault

Thrust Fault

Inferred Contact

Defined Contact

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Figure 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

OSIRIS AREA GEOLOGY

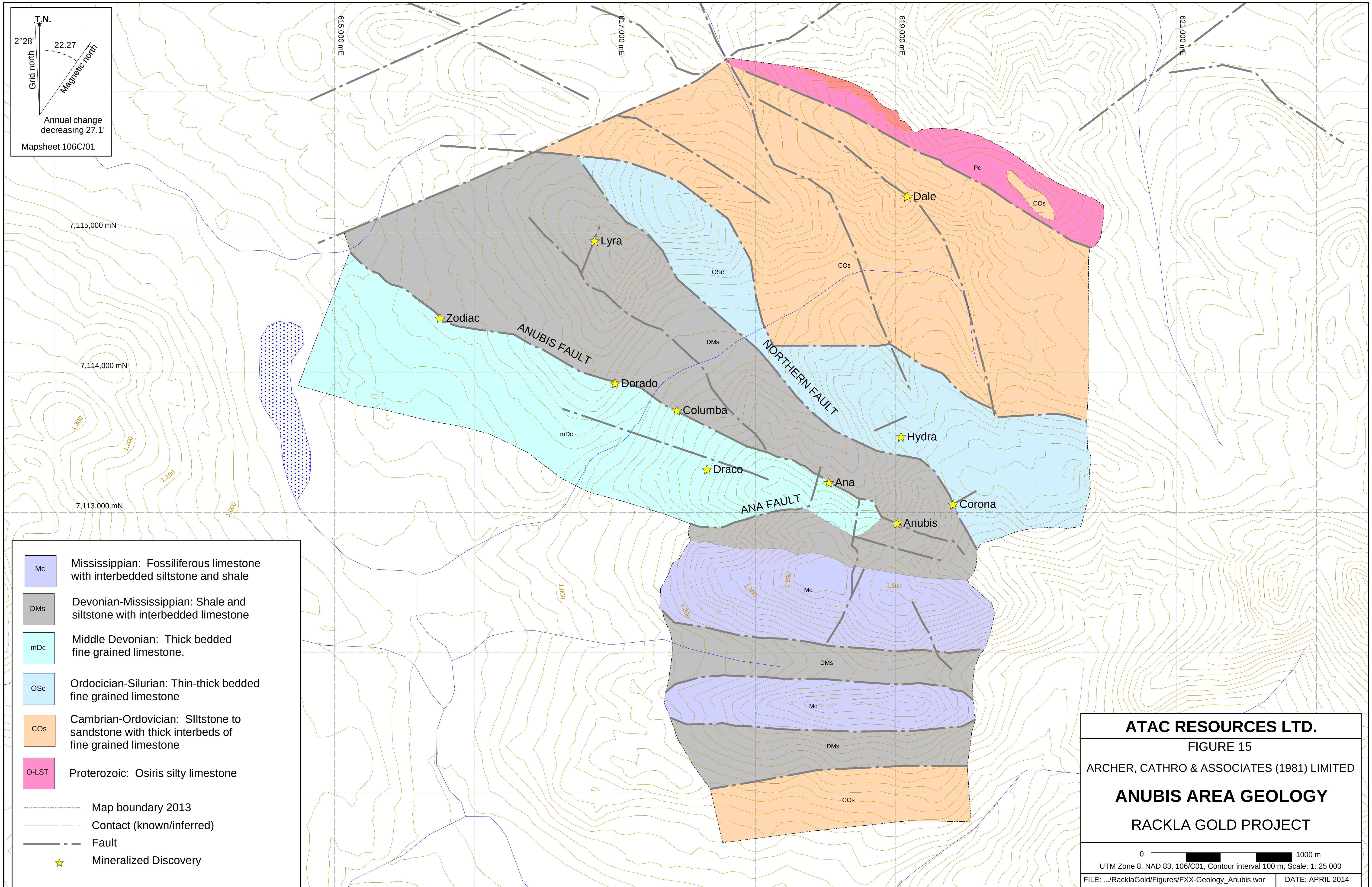
Rackla Gold Property

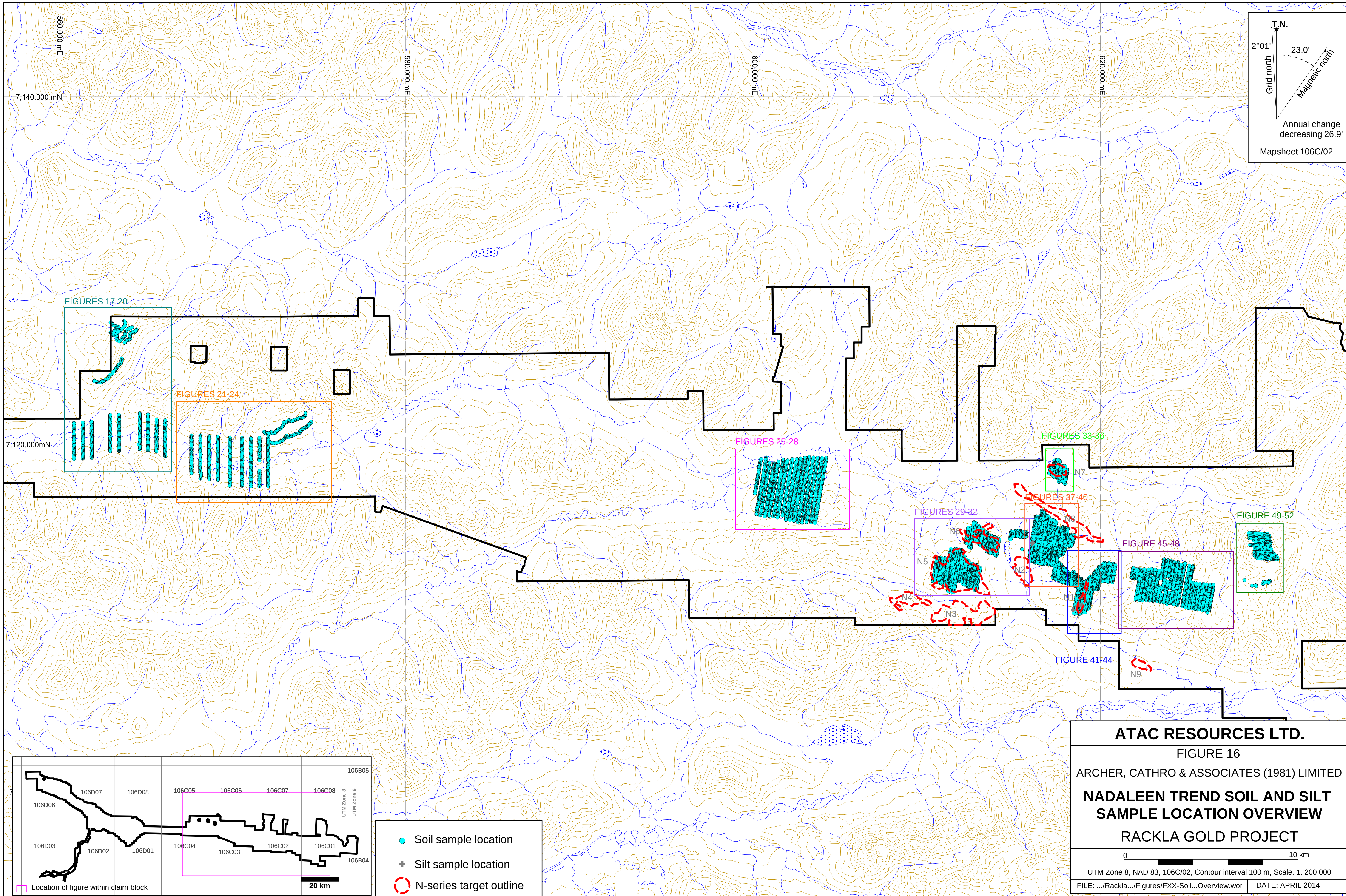
0 50 250 m

UTM NAD83 Zone - 106C-01 1:5,000

File: F_X_Osiris_Area_Geology.WOR

Date: April 2014


T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01
615,000 mE
617,000 mE
619,000 mE
621,000 mE
7,115,000 mN
7,114,000 mN
7,113,000 mN
Pc
COs
Dale
Lyra
OSc
Zodiac
DMs
ANUBIS FAULT
NORTHERN FAULT
Dorado
Columba
Hydra
mDc
Draco
Ana
ANA FAULT
Corona
Anubis
Mc
DMs
Mc
DMs
COs
Mc
Mississippian: Fossiliferous limestone with interbedded siltstone and shale
DMs
Devonian-Mississippian: Shale and siltstone with interbedded limestone
mDc
Middle Devonian: Thick bedded fine grained limestone.
OSc
Ordocician-Silurian: Thin-thick bedded fine grained limestone
COs
Cambrian-Ordovician: SIltstone to sandstone with thick interbeds of fine grained limestone
O-LST
Proterozoic: Osiris silty limestone
Map boundary 2013
Contact (known/inferred)
Fault
Mineralized Discovery
ATAC RESOURCES LTD.
FIGURE 15
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS AREA GEOLOGY
RACKLA GOLD PROJECT
0
1000 m
UTM Zone 8, NAD 83, 106/C01, Contour interval 100 m, Scale: 1: 25 000
FILE: .../RacklaGold/Figures/FXX-Geology_Anubis.wor
DATE: APRIL 2014



ATAC RESOURCES LTD.
FIGURE 16
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
NADALEEN TREND SOIL AND SILT SAMPLE LOCATION OVERVIEW
RACKLA GOLD PROJECT
0
10 km
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 200 000
FILE: .../Rackla.../Figures/FXX-Soil...Overview.wor
DATE: APRIL 2014
T.N.
2°01'
23.0'
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
Soil sample location
Silt sample location
N-series target outline
Location of figure within claim block
20 km
106B05
106B04
106D07
106D08
106C05
106C06
106C07
106C08
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
UTM Zone 8
UTM Zone 9
560,000 mE
580,000 mE
600,000 mE
620,000 mE
7,140,000 mN
7,120,000mN
FIGURES 17-20
FIGURES 21-24
FIGURES 25-28
FIGURES 29-32
FIGURES 33-36
FIGURES 37-40
FIGURE 41-44
FIGURE 45-48
FIGURE 49-52
N1
N2
N3
N4
N5
N6
N7
N8
N9

ATAC RESOURCES LTD.
FIGURE 17
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
H-BLOCK SOIL SAMPLE LOCATIONS
RACKLA GOLD PROJECT
Mapsheet 106C/04
UTM Zone 8, NAD 83, 106/C04. Contour interval 100 m. Scale: 1: 10 000
DATE: APRIL 2014
Annual change decreasing 26.6'
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
INSET A
PROPERTY BOUNDARY
250 m
2013 Soil sample location


ATAC RESOURCES LTD.
FIGURE 18
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
H-BLOCK ARSENIC SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C04, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_..HBlock.wor
DATE: APRIL 2014
T.N.
1°07'
22°55'
Grid north
Magnetic north
Annual change decreasing 26.6'
Mapsheet 106C/04
Arsenic in soil geochemistry (ppm)
≥2000
≥500 <2000
≥300 <500
≥100 <300
≥50 <100
≥0 <50
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
INSET A
PROPERTY BOUNDARY
7,126,000 mN
7,125,000 mN
7,124,000 mN
7,123,000 mN
7,122,000 mN
7121000mN
7120000mN
7119000mN

ATAC RESOURCES LTD.
FIGURE 19
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
H-BLOCK GOLD SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C04, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_..HBlock.wor
DATE: APRIL 2014
T.N.
1°07'
22°55'
Grid north
Magnetic north
Annual change decreasing 26.6'
Mapsheet 106C/04
Gold in soil geochemistry (ppm)
≥0.5
≥0.1 <0.5
≥0.05 <0.1
≥0.025 <0.05
≥0.01 <0.025
≥0 <0.01
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
PROPERTY BOUNDARY
7,126,000 mN
7,125,000 mN
7,124,000 mN
7,123,000 mN
7,122,000 mN
7121000mN
7120000mN
7119000mN

ATAC RESOURCES LTD.
FIGURE 20
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
H-BLOCK MERCURY SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C04, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_..HBlock.wor
DATE: APRIL 2014
T.N.
1°07'
22°55'
Grid north
Magnetic north
Annual change decreasing 26.6'
Mapsheet 106C/04
Mercury in soil geochemistry (ppm)
≥6
≥3.25 <6
≥1.5 <3.25
≥0.8 <1.5
≥0.4 <0.8
≥0 <0.4
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
N
K
L
J
I
H
G
F
E
D
C
B
A
M
106D06
106D07
106D08
106C05
106C06
106C07
106C08
106D03
106D02
106D01
106C04
106C03
106C02
106C01
UTM Zone 8
UTM Zone 9
20 km
Location of figure within claim block
561,000 mE
562,000 mE
563000mE
PROPERTY BOUNDARY
7,126,000 mN
7,125,000 mN
7,124,000 mN
7,123,000 mN
7,122,000 mN
7121000mN
7120000mN
7119000mN


ATAC RESOURCES LTD.
FIGURE 21
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
G-BLOCK SOIL SAMPLE LOCATIONS
RACKLA GOLD PROJECT
UTM Zone 8, NAD 83, 106/C03-04, Contour interval 100 m, Scale: 1: 10 000
DATE: APRIL 2014
T.N.
Grid north
Magnetic north
Annual change decreasing 26.8'
Mapsheet 106C/03
PROPERTY BOUNDARY
2013 Soil sample location
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km

ATAC RESOURCES LTD.
FIGURE 22
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
G-BLOCK ARSENIC SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C03-04, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_..GBlock.wor
DATE: APRIL 2014
T.N.
1°34'
22°58'
Grid north
Magnetic north
Annual change decreasing 26.8'
Mapsheet 106C/03
568,000 mE
569,000 mE
570,000 mE
571,000 mE
572,000 mE
573,000 mE
574,000 mE
7,121,000 mN
7,120,000 mN
7,119,000 mN
7,118,000 mN
7,117,000 mN
PROPERTY BOUNDARY
Arsenic in soil geochemistry (ppm)
≥2000 ≤10000.5
≥500 <2000
≥300 <500
≥100 <300
≥50 <100
≥0 <50
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km

ATAC RESOURCES LTD.
FIGURE 23
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
G-BLOCK GOLD SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C03-04, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_..GBlock.wor
DATE: APRIL 2014
T.N.
Grid north
Magnetic north
1°34'
22°58'
Annual change decreasing 26.8'
Mapsheet 106C/03
7,121,000 mN
7,120,000 mN
7,119,000 mN
7,118,000 mN
7,117,000 mN
PROPERTY BOUNDARY
Gold in soil geochemistry (ppm)
≥0.5
≥0.1 <0.5
≥0.05 <0.1
≥0.025 <0.05
≥0.01 <0.025
≥0 <0.01
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km

ATAC RESOURCES LTD.
FIGURE 24
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
G-BLOCK MERCURY SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C03-04, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_..GBlock.wor
DATE: APRIL 2014
Annual change decreasing 26.8'
Mapsheet 106C/03
7,121,000 mN
7,120,000 mN
7,119,000 mN
7,118,000 mN
7,117,000 mN
PROPERTY BOUNDARY
Mercury in soil geochemistry (ppm)
≥6
≥3.25 <6
≥1.5 <3.25
≥0.8 <1.5
≥0.4 <0.8
≥0 <0.4
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km

ATAC RESOURCES LTD.

FIGURE 25

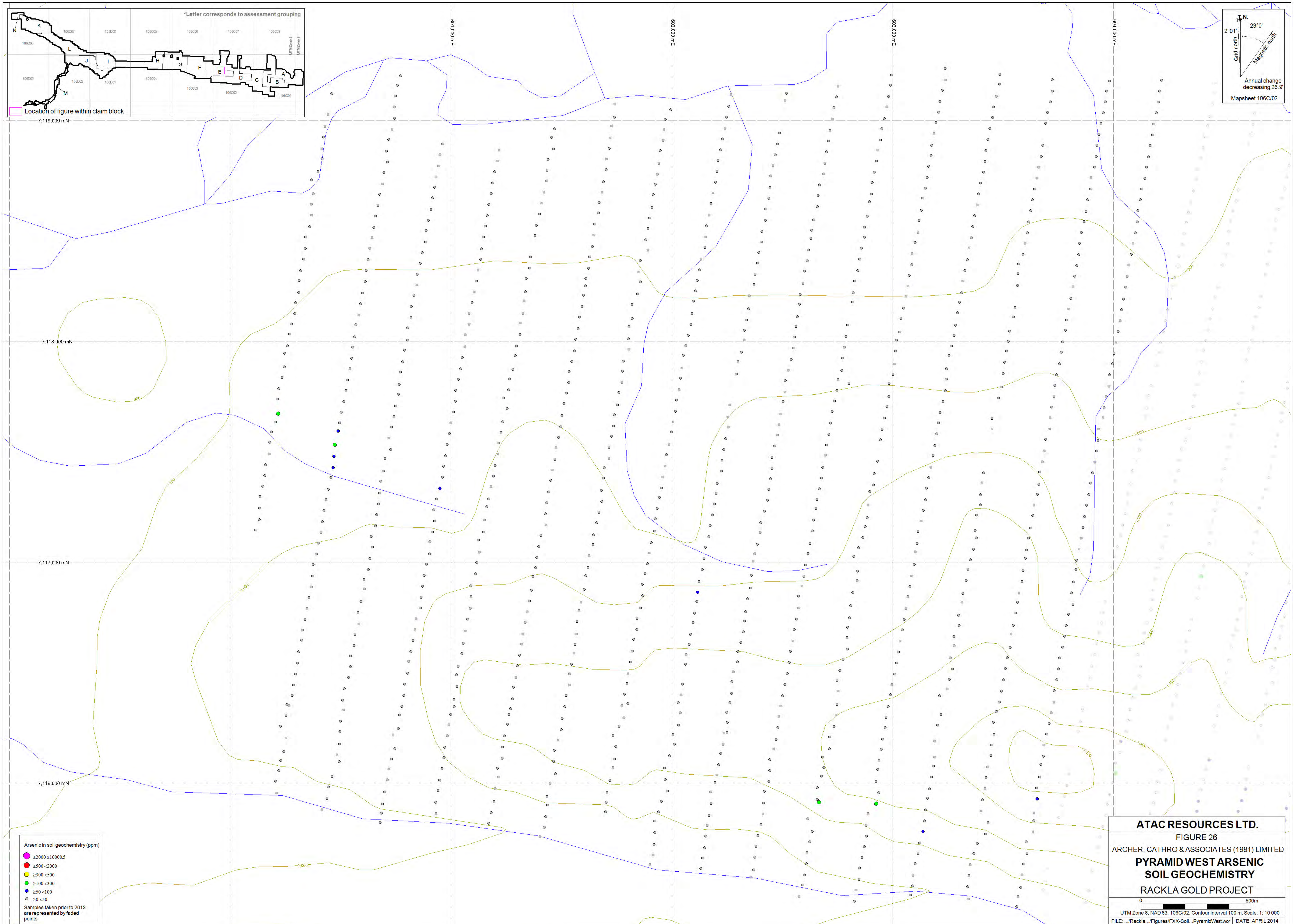
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PYRAMID WEST SOIL SAMPLE LOCATIONS

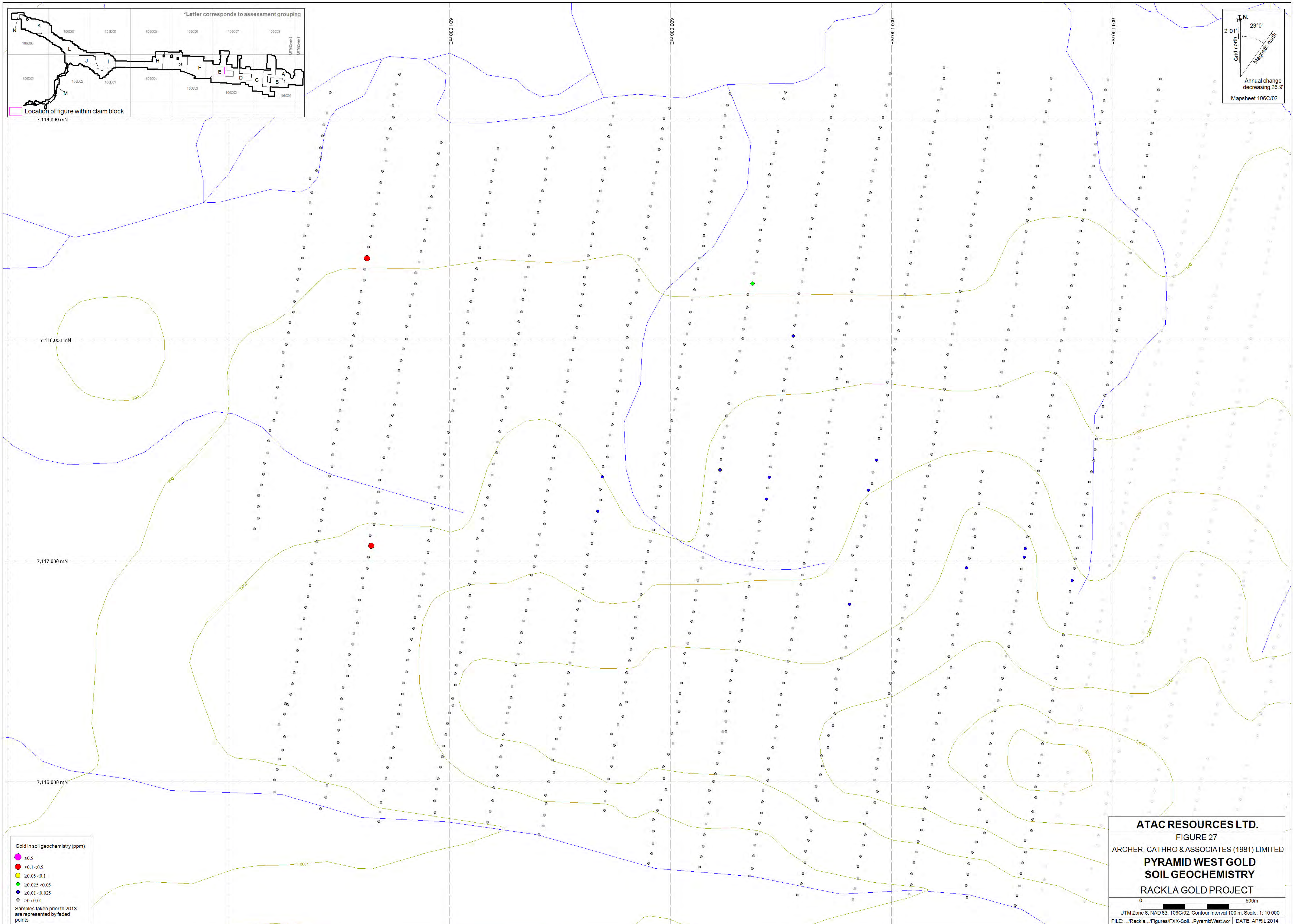
RACKLA GOLD PROJECT

UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 10 000

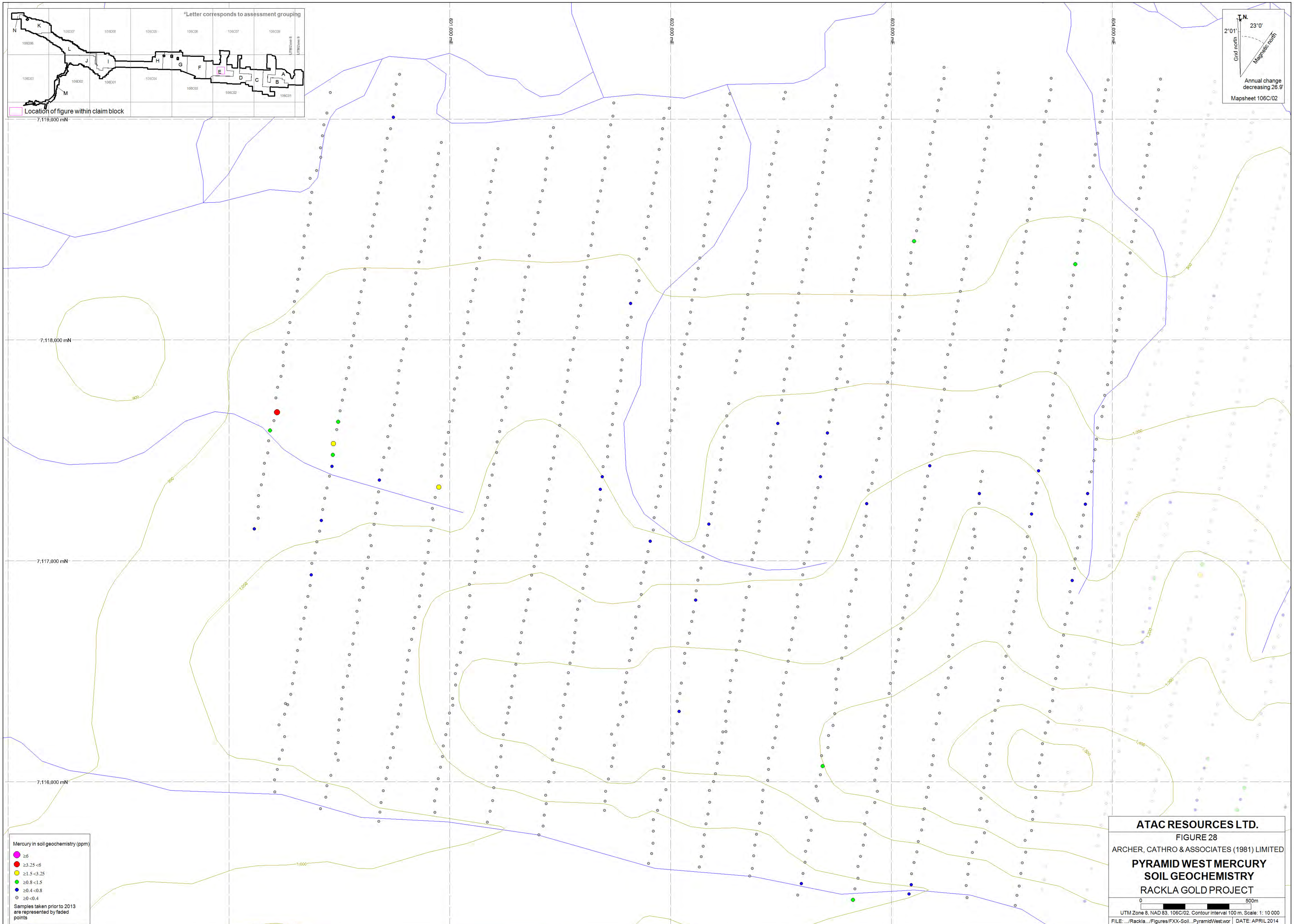
FILE: .../Rackla.../Figures/FXX-Soil...PyramidWest.wor | DATE: APRIL 2014

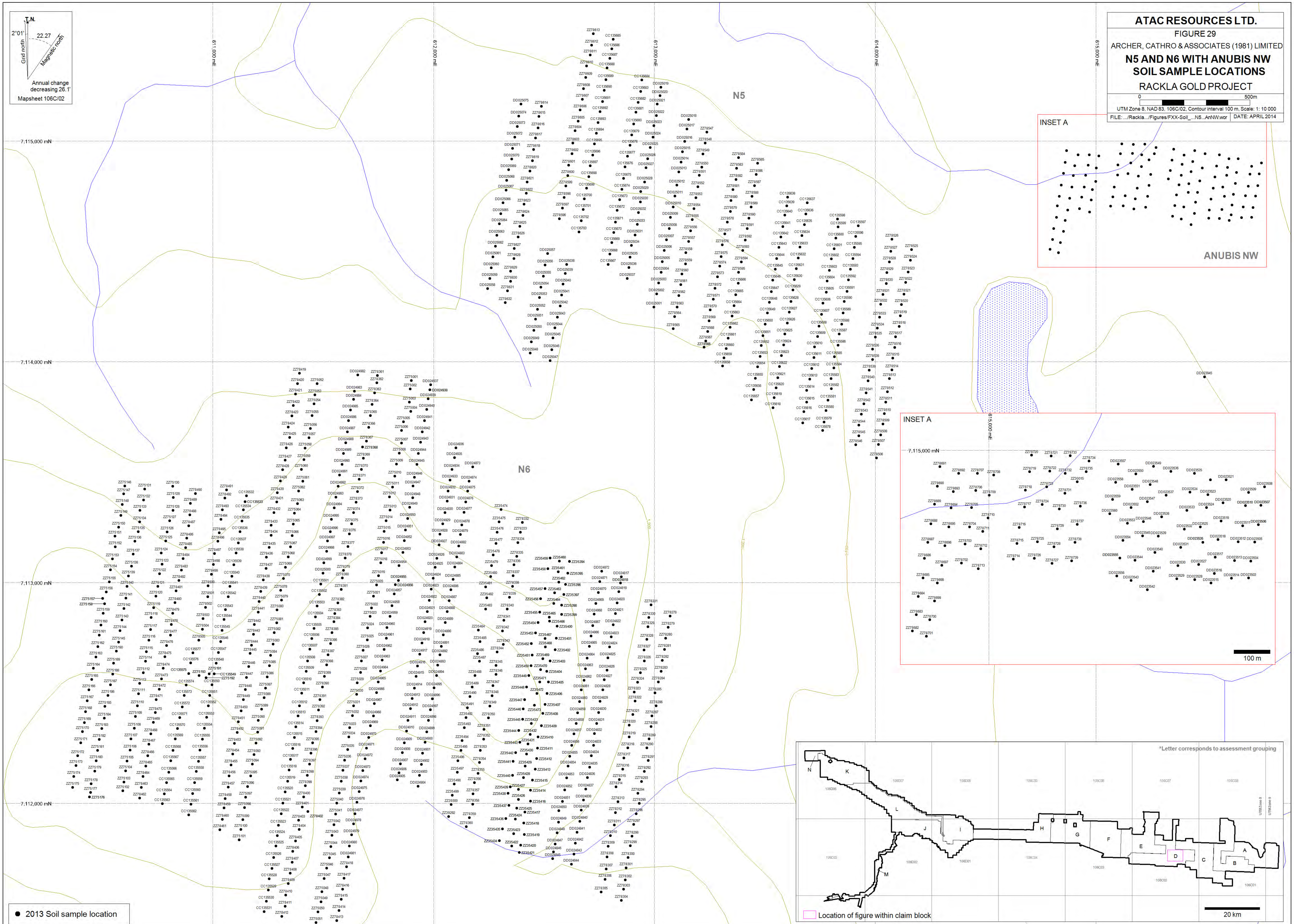


*Letter corresponds to assessment grouping
Location of figure within claim block
7,119,000 mN
7,118,000 mN
7,117,000 mN
7,116,000 mN
601,000 mE
602,000 mE
603,000 mE
604,000 mE
T.N.
23°0'
2°01'
Grid north
Magnetic north
Annual change
decreasing 26.9'
Mapsheet 106C/02
Arsenic in soil geochemistry (ppm)
≥2000 ≤10000.5
≥500 <2000
≥300 <500
≥100 <300
≥50 <100
≥0 <50
Samples taken prior to 2013
are represented by faded
points
ATAC RESOURCES LTD.
FIGURE 26
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PYRAMID WEST ARSENIC
SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil...PyramidWest.wor
DATE: APRIL 2014

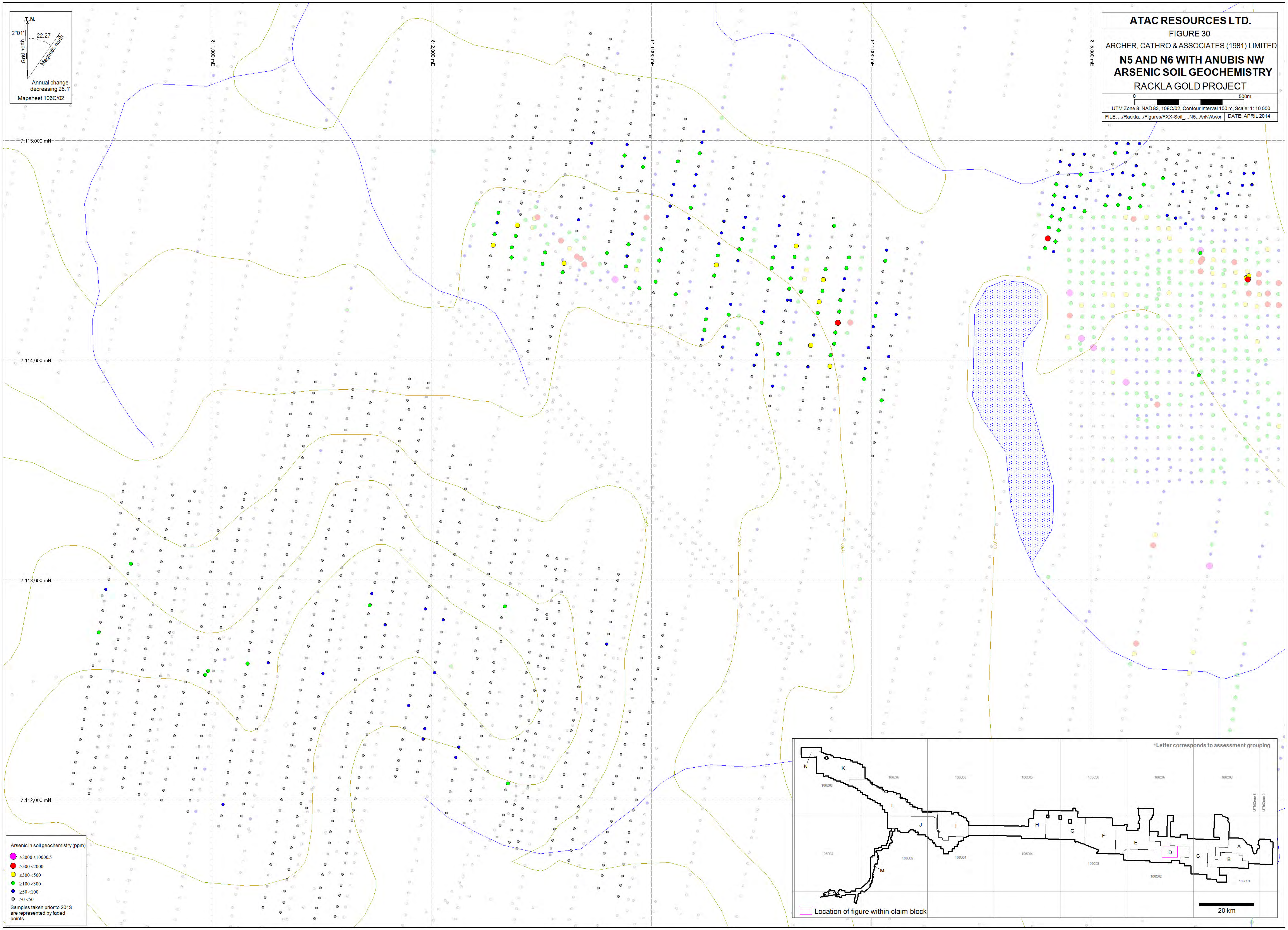


*Letter corresponds to assessment grouping
Location of figure within claim block
7,119,000 mN
7,118,000 mN
7,117,000 mN
7,116,000 mN
601 000 mE
602 000 mE
603 000 mE
604 000 mE
Grid north
Magnetic north
23°0'
2°01'
Annual change decreasing 26.9'
Mapsheet 106C/02
Gold in soil geochemistry (ppm)
≥0.5
≥0.1 <0.5
≥0.05 <0.1
≥0.025 <0.05
≥0.01 <0.025
≥0 <0.01
Samples taken prior to 2013 are represented by faded points
ATAC RESOURCES LTD.
FIGURE 27
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PYRAMID WEST GOLD
SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil...PyramidWest.wor
DATE: APRIL 2014

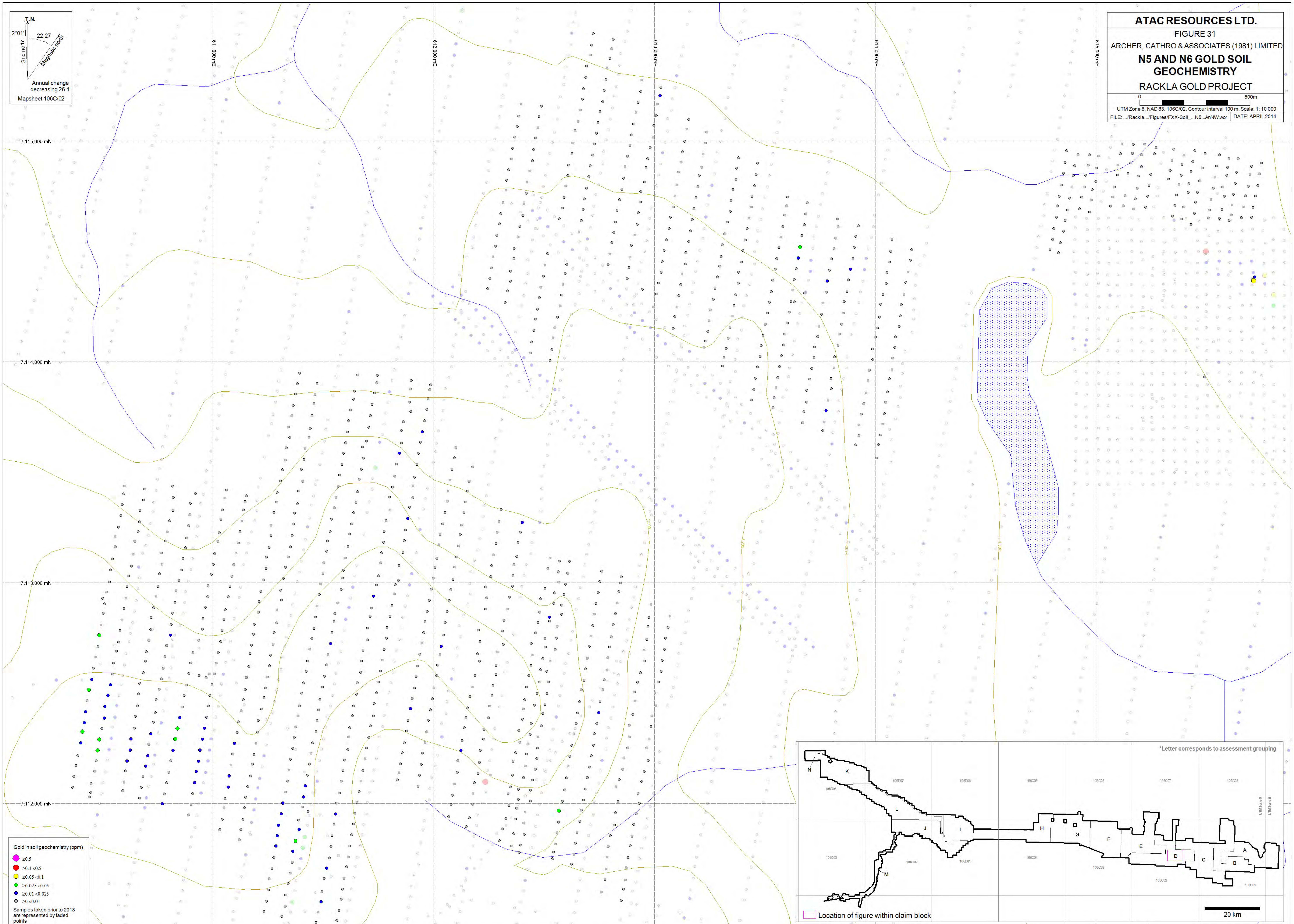

*Letter corresponds to assessment grouping
Location of figure within claim block
N
K
L
J
I
H
G
F
E
D
C
A
B
M
T.N.
23°0'
2°01'
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
601 000 mE
602 000 mE
603 000 mE
604 000 mE
7,119,000 mN
7,118,000 mN
7,117,000 mN
7,116,000 mN
Mercury in soil geochemistry (ppm)
≥6
≥3.25 <6
≥1.5 <3.25
≥0.8 <1.5
≥0.4 <0.8
≥0 <0.4
Samples taken prior to 2013 are represented by faded points
ATAC RESOURCES LTD.
FIGURE 28
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PYRAMID WEST MERCURY
SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil...PyramidWest.wor
DATE: APRIL 2014



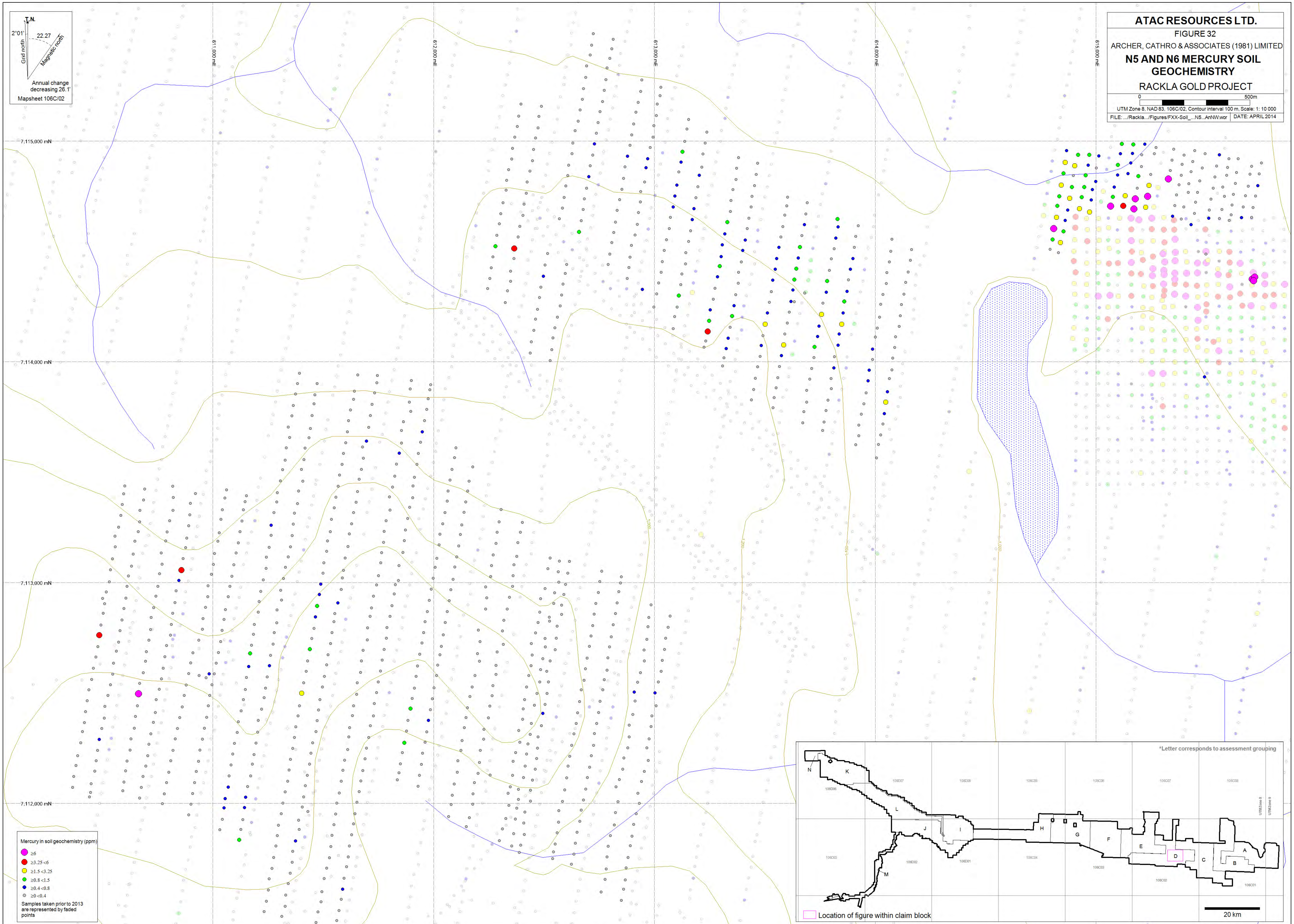
ATAC RESOURCES LTD.
FIGURE 29
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
N5 AND N6 WITH ANUBIS NW
SOIL SAMPLE LOCATIONS
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 10 000
DATE: APRIL 2014
T.N.
2°01'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/02
611,000 mE
612,000 mE
613,000 mE
614,000 mE
615,000 mE
7,115,000 mN
7,114,000 mN
7,113,000 mN
7,112,000 mN
N5
N6
INSET A
ANUBIS NW
100 m
*Letter corresponds to assessment grouping
20 km
Location of figure within claim block
2013 Soil sample location



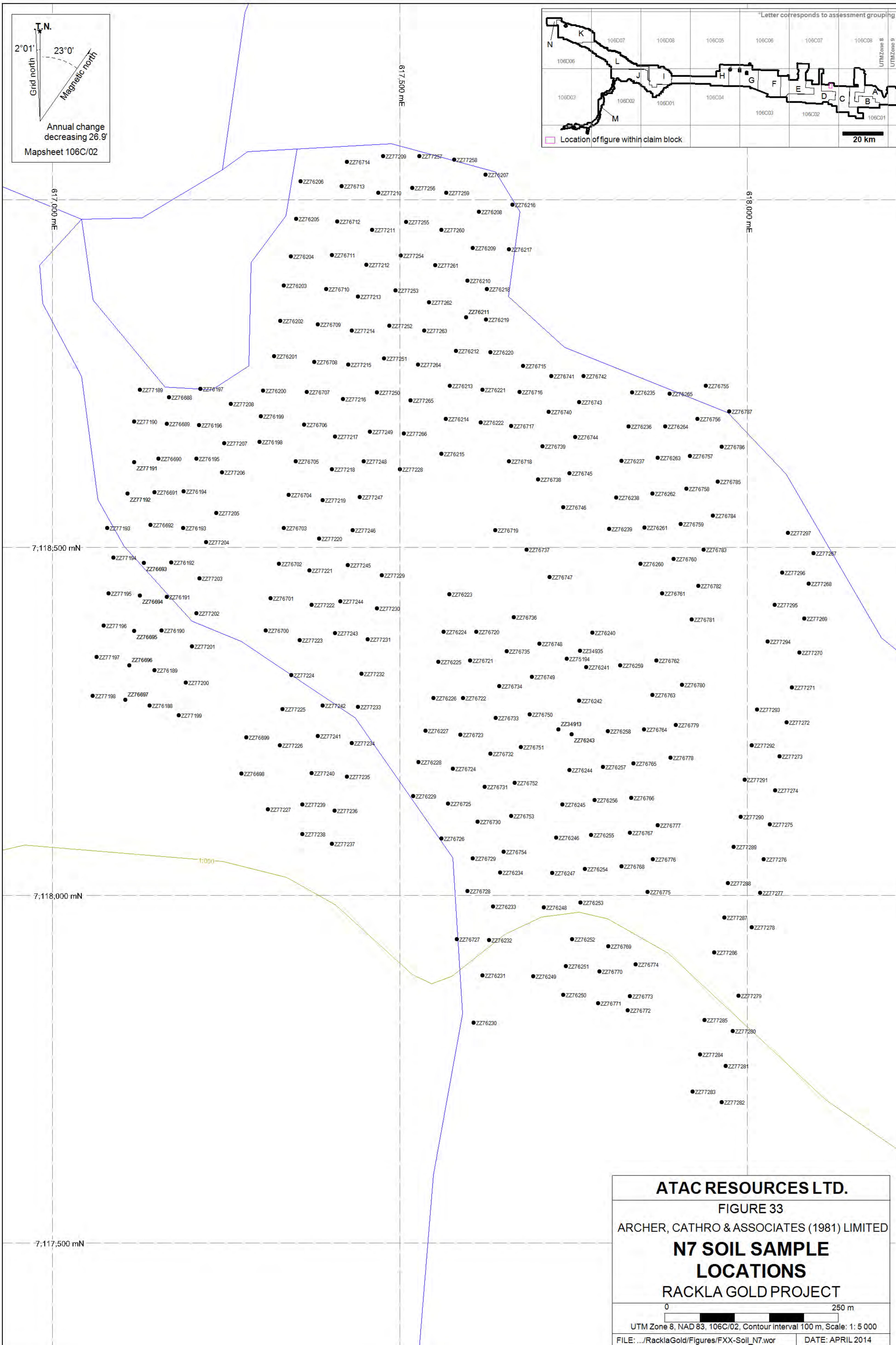
T.N.
2°01'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/02
611,000 mE
612,000 mE
613,000 mE
614,000 mE
615,000 mE
7,115,000 mN
7,114,000 mN
7,113,000 mN
7,112,000 mN
ATAC RESOURCES LTD.
FIGURE 30
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
N5 AND N6 WITH ANUBIS NW
ARSENIC SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_...N5...AnNW.wor
DATE: APRIL 2014
Arsenic in soil geochemistry (ppm)
≥2000 ≤10000.5
≥500 <2000
≥300 <500
≥100 <300
≥50 <100
≥0 <50
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
N
K
L
J
I
H
G
F
E
D
C
A
B
M
Location of figure within claim block
20 km

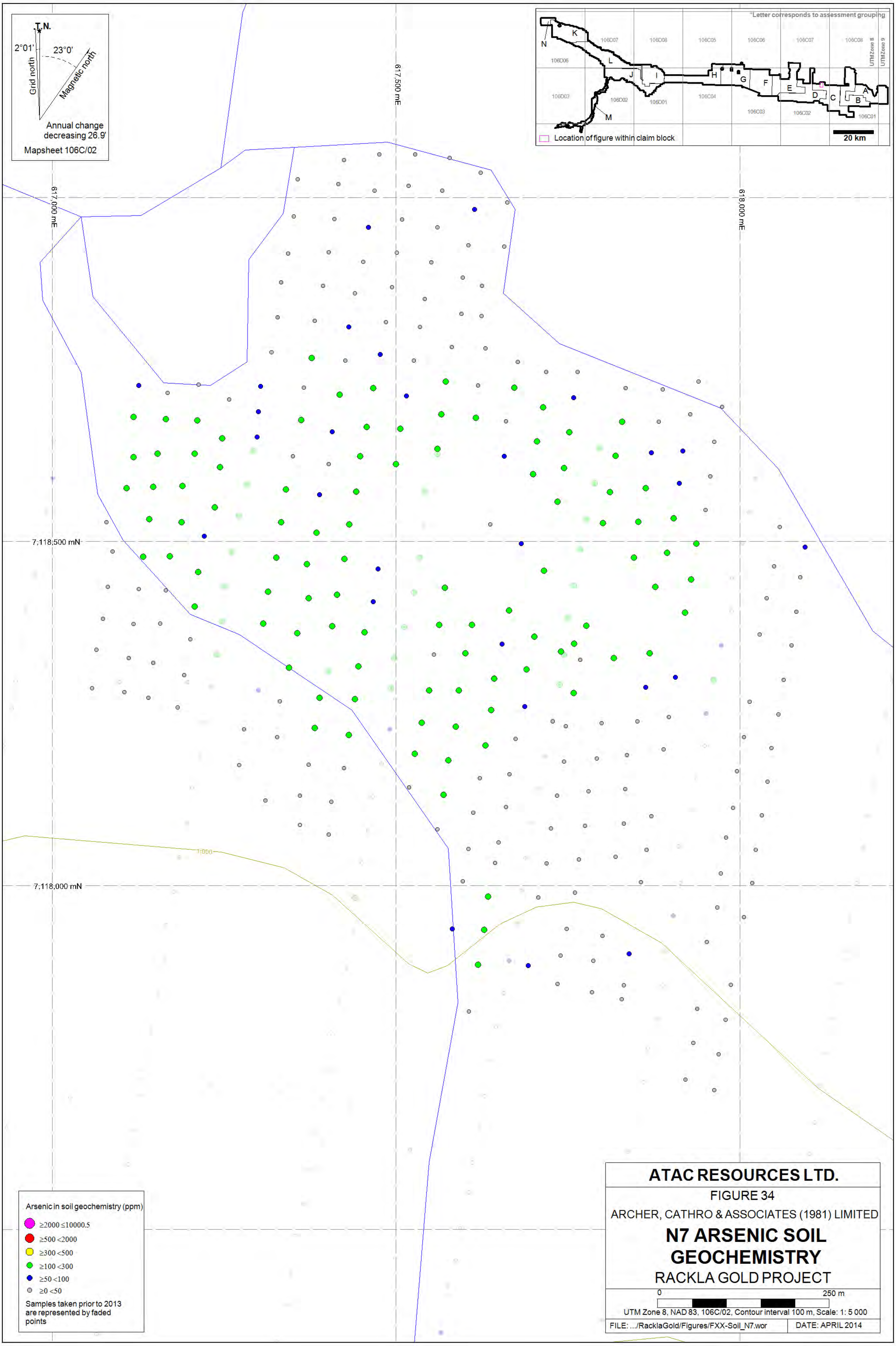


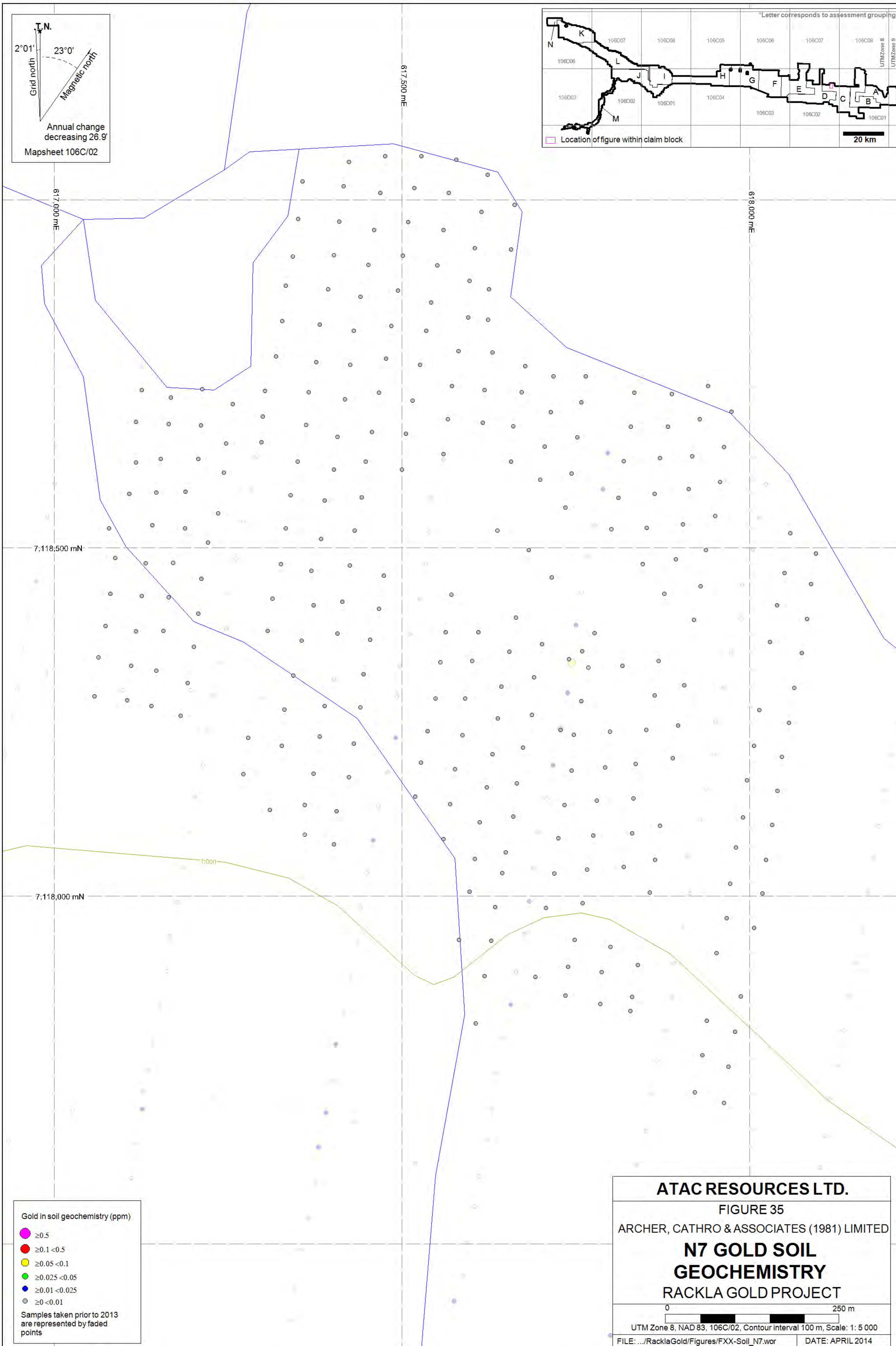
ATAC RESOURCES LTD.
FIGURE 31
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
N5 AND N6 GOLD SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_...N5...AnNW.wor
DATE: APRIL 2014
T.N.
2°01'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/02
611,000 mE
612,000 mE
613,000 mE
614,000 mE
615,000 mE
7,115,000 mN
7,114,000 mN
7,113,000 mN
7,112,000 mN
Gold in soil geochemistry (ppm)
≥0.5
≥0.1 <0.5
≥0.05 <0.1
≥0.025 <0.05
≥0.01 <0.025
≥0 <0.01
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km



ATAC RESOURCES LTD.
FIGURE 32
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
N5 AND N6 MERCURY SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_...N5...AnNW.wor
DATE: APRIL 2014
T.N.
2°01'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/02
611,000 mE
612,000 mE
613,000 mE
614,000 mE
615,000 mE
7,115,000 mN
7,114,000 mN
7,113,000 mN
7,112,000 mN
Mercury in soil geochemistry (ppm)
≥6
≥3.25 <6
≥1.5 <3.25
≥0.8 <1.5
≥0.4 <0.8
≥0 <0.4
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
N
K
L
J
I
H
G
F
E
D
C
A
B
M
Location of figure within claim block
20 km


T.N.
2°01'
23°0'
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
617,000 mE
617,500 mE
618,000 mE
7,118,500 mN
7,118,000 mN
7,117,500 mN
ATAC RESOURCES LTD.
FIGURE 33
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
N7 SOIL SAMPLE LOCATIONS
RACKLA GOLD PROJECT
0
250 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../RacklaGold/Figures/FXX-Soil_N7.wor
DATE: APRIL 2014


T.N.
2°01'
23°0'
Grid north
Magnetic north
Annual change
decreasing 26.9'
Mapsheet 106C/02
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
617,500 mE
617,000 mE
618,000 mE
7,118,500 mN
7,118,000 mN
Arsenic in soil geochemistry (ppm)
≥2000 ≤10000.5
≥500 <2000
≥300 <500
≥100 <300
≥50 <100
≥0 <50
Samples taken prior to 2013 are represented by faded points
ATAC RESOURCES LTD.
FIGURE 34
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
N7 ARSENIC SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
250 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../RacklaGold/Figures/FXX-Soil_N7.wor
DATE: APRIL 2014



ATAC RESOURCES LTD.

FIGURE 35

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

N7 GOLD SOIL GEOCHEMISTRY

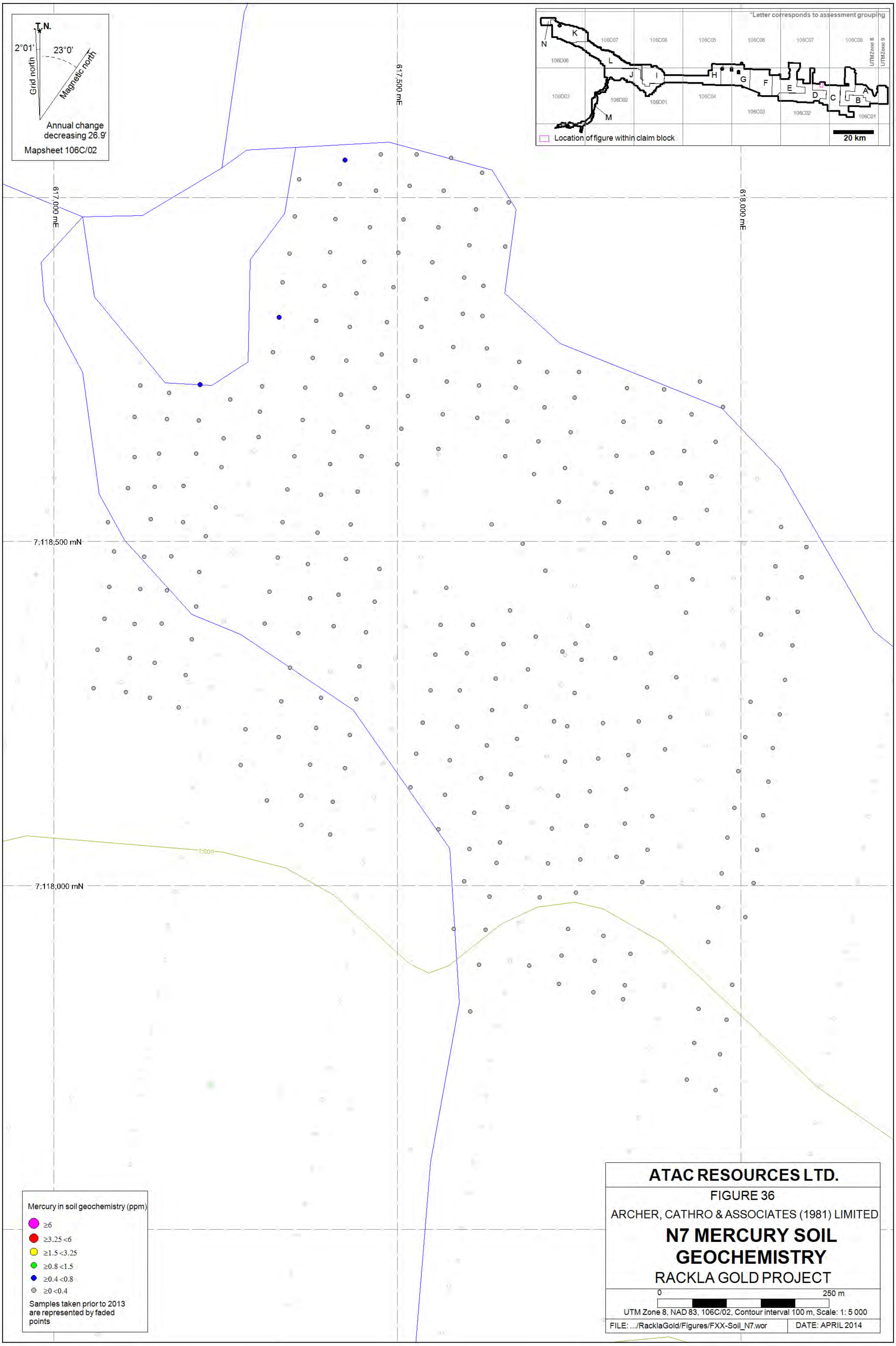
RACKLA GOLD PROJECT

0 250 m

UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000

FILE: .../RacklaGold/Figures/FXX-Soil_N7.wor

DATE: APRIL 2014


T.N.
2°01'
23°0'
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
617,500 mE
617,000 mE
618,000 mE
7,118,500 mN
7,118,000 mN
1,000
Mercury in soil geochemistry (ppm)
≥6
≥3.25 <6
≥1.5 <3.25
≥0.8 <1.5
≥0.4 <0.8
≥0 <0.4
Samples taken prior to 2013 are represented by faded points
ATAC RESOURCES LTD.
FIGURE 36
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
N7 MERCURY SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
250 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../RacklaGold/Figures/FXX-Soil_N7.wor
DATE: APRIL 2014

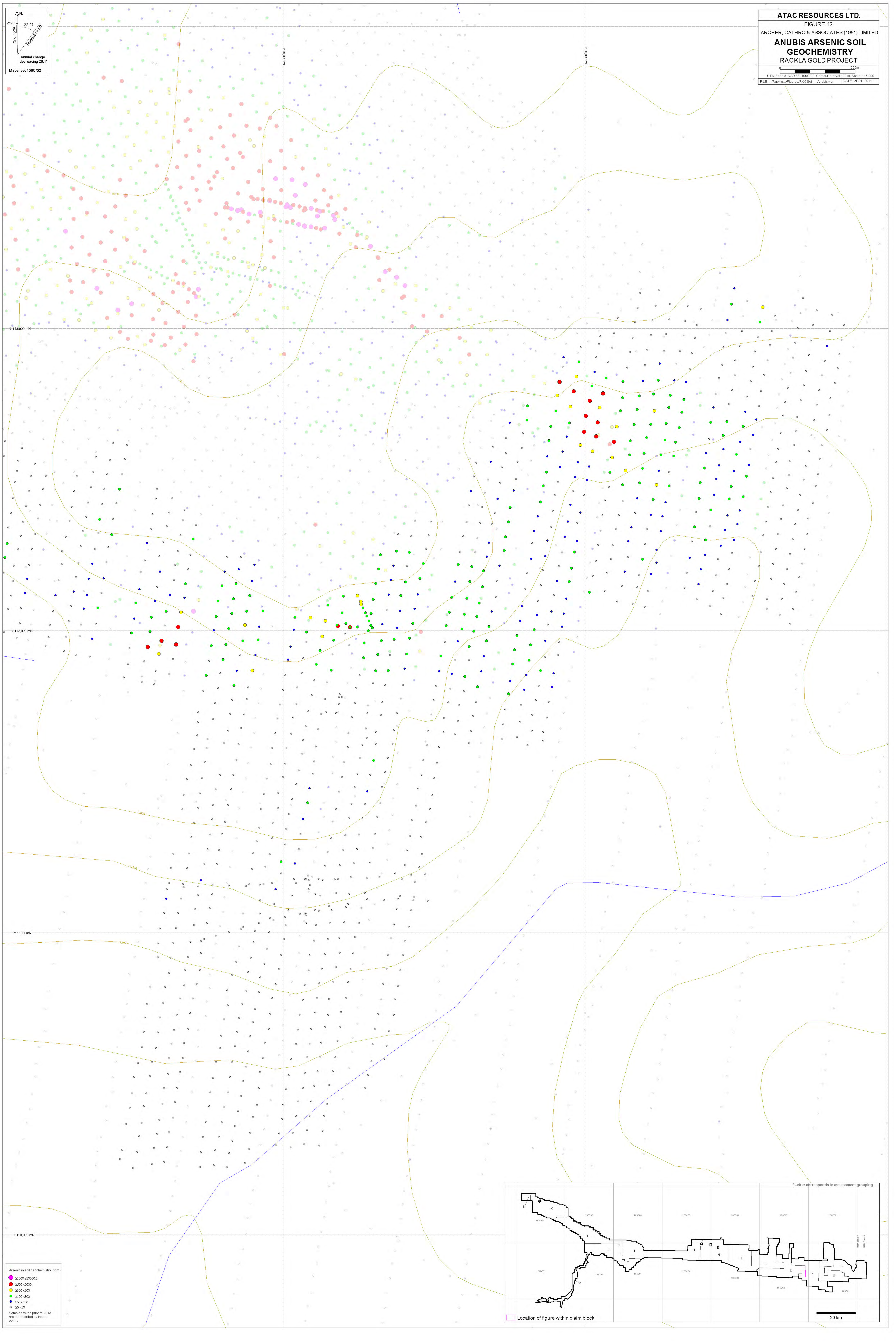

ATAC RESOURCES LTD.
FIGURE 37
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS NW WITH ANUBIS SOIL AND SILT SAMPLE LOCATIONS
RACKLA GOLD PROJECT
0
250m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../Rackla.../Figures/FXX-Soil_...AnubisNW.wor
DATE: APRIL 2014
T.N.
2°01'
23°0'
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
7,116,000 mN
7,115,000 mN
7,114,000 mN
7,113,000 mN
ANUBIS NW
ANUBIS
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
2013 Soil sample location
2013 Silt sample location

ATAC RESOURCES LTD.
FIGURE 38
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS NW WITH ANUBIS
ARSENIC SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
250m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../Rackla.../Figures/FXX-Soil_...AnubisNW.wor
DATE: APRIL 2014
T.N.
2°01'
23°0'
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
7,116,000 mN
7,115,000 mN
7,114,000 mN
7,113,000 mN
ANUBIS NW
ANUBIS
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
Arsenic in soil geochemistry (ppm)
≥2000 ≤10000.5
≥500 <2000
≥300 <500
≥100 <300
≥50 <100
≥0 <50
Samples taken prior to 2013 are represented by faded points

ATAC RESOURCES LTD.
FIGURE 39
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS NW GOLD SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
250m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../Rackla.../Figures/FXX-Soil_...AnubisNW.wor
DATE: APRIL 2014
T.N.
Grid north
Magnetic north
2°01'
23°0'
Annual change decreasing 26.9'
Mapsheet 106C/02
7,116,000 mN
7,115,000 mN
7,114,000 mN
7,113,000 mN
ANUBIS NW
ANUBIS
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
Gold in soil geochemistry (ppm)
≥0.5
≥0.1 <0.5
≥0.05 <0.1
≥0.025 <0.05
≥0.01 <0.025
≥0 <0.01
Samples taken prior to 2013 are represented by faded points


ATAC RESOURCES LTD.
FIGURE 40
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS NW MERCURY SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
250m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../Rackla.../Figures/FXX-Soil_...AnubisNW.wor
DATE: APRIL 2014
T.N.
2°01'
23°0'
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
7,116,000 mN
7,115,000 mN
7,114,000 mN
7,113,000 mN
ANUBIS NW
ANUBIS
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
Mercury in soil geochemistry (ppm)
≥6
≥3.25 <6
≥1.5 <3.25
≥0.8 <1.5
≥0.4 <0.8
≥0 <0.4
Samples taken prior to 2013 are represented by faded points

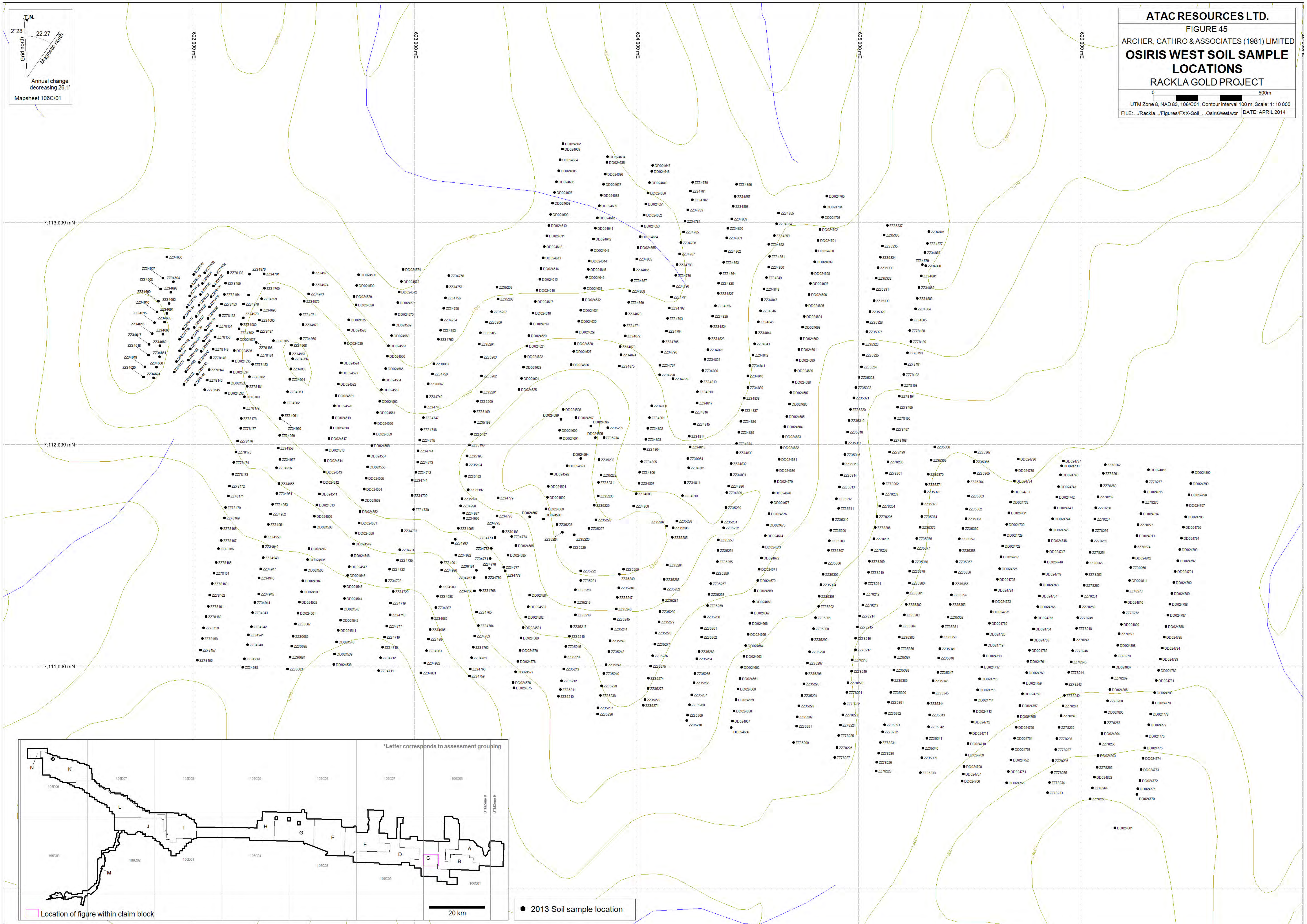
ATAC RESOURCES LTD.
FIGURE 41
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS SOIL AND SILT SAMPLE LOCATIONS
RACKLA GOLD PROJECT
0
250m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../Rackla.../Figures/FXX-Soil_...Anubis.wor
DATE: APRIL 2014
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/02
INSET A
20 m
7,113,000 mN
7,112,000 mN
7,110,000 mN
2013 Soil sample location
2013 Silt sample location
Location of figure within claim block
20 km
*Letter corresponds to assessment grouping

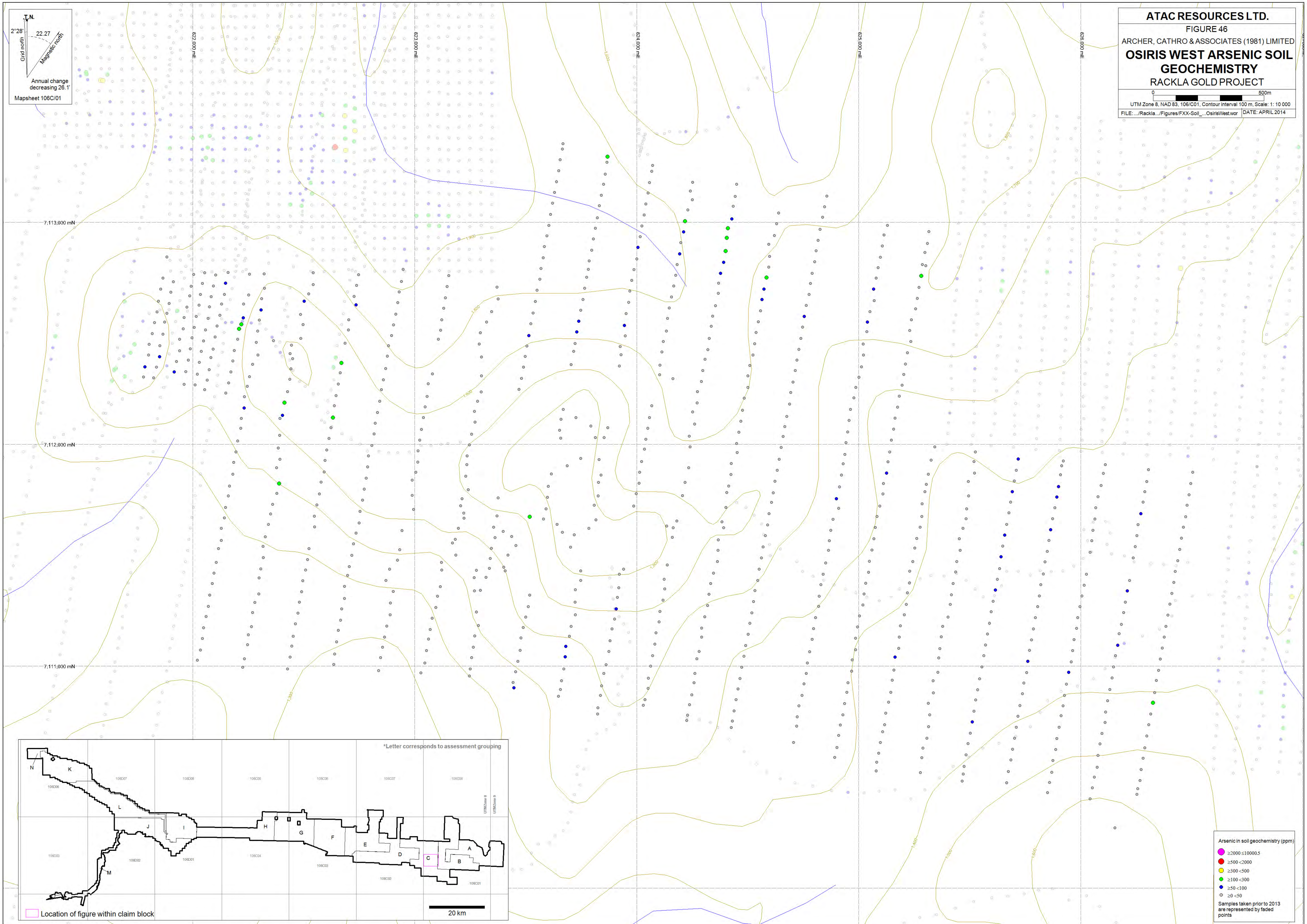


ATAC RESOURCES LTD.
FIGURE 42
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS ARSENIC SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
250m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../Rackla.../Figures/FXX-Soil_...Anubis.wor
DATE: APRIL 2014
T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/02
7,113,000 mN
7,112,000 mN
7,111,000 mN
7,110,000 mN
Arsenic in soil geochemistry (ppm)
≥2000 ≤10000.5
≥500 <2000
≥300 <500
≥100 <300
≥50 <100
≥0 <50
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km

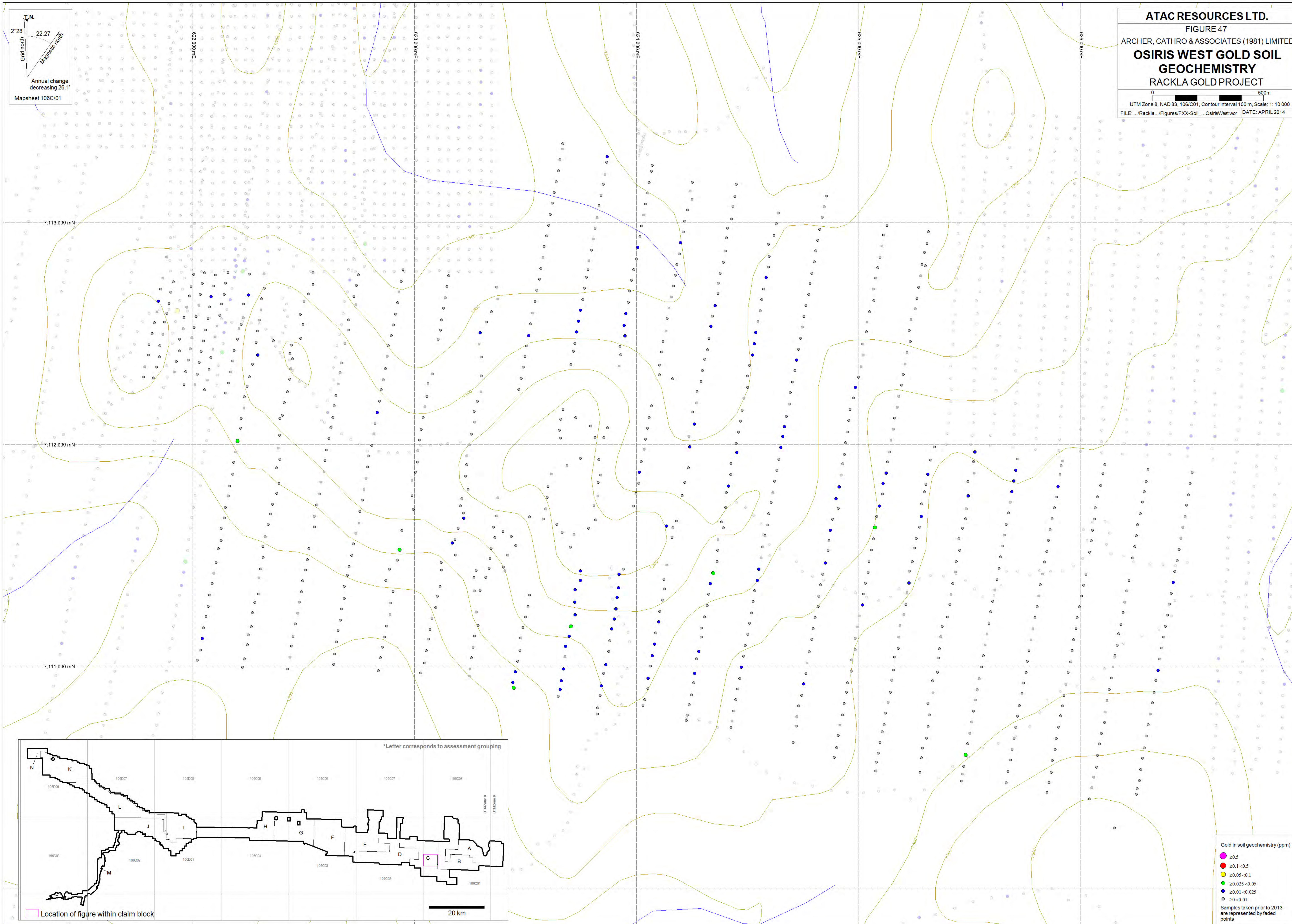

ATAC RESOURCES LTD.
FIGURE 43
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS GOLD SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
250m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../Rackla.../Figures/FXX-Soil_...Anubis.wor
DATE: APRIL 2014
Annual change decreasing 26.1'
Mapsheet 106C/02
7,113,000 mN
7,112,000 mN
7,111,000 mN
7,110,000 mN
619,000 mE
620,000 mE
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
Gold in soil geochemistry (ppm)
≥0.5
≥0.1 <0.5
≥0.05 <0.1
≥0.025 <0.05
≥0.01 <0.025
≥0 <0.01
Samples taken prior to 2013 are represented by faded points

ATAC RESOURCES LTD.
FIGURE 44
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS MERCURY SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
250m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 5 000
FILE: .../Rackla.../Figures/FXX-Soil_...Anubis.wor
DATE: APRIL 2014
T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/02
7,113,000 mN
7,112,000 mN
7,110,000 mN
Mercury in soil geochemistry (ppm)
≥6
≥3.25 <6
≥1.5 <3.25
≥0.8 <1.5
≥0.4 <0.8
≥0 <0.4
Samples taken prior to 2013 are represented by faded points
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km

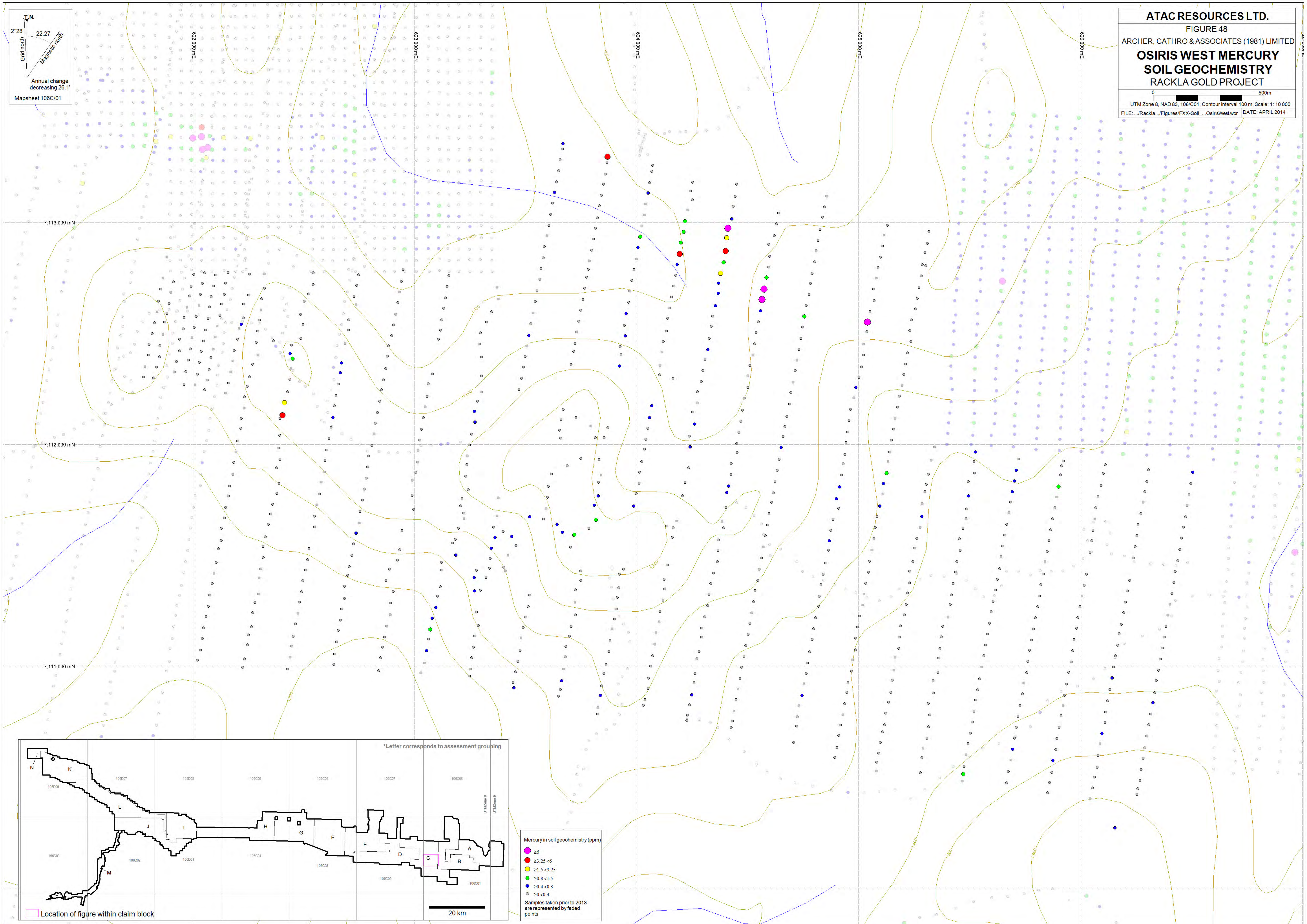

ATAC RESOURCES LTD.
FIGURE 45
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
OSIRIS WEST SOIL SAMPLE LOCATIONS
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C01, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_...OsirisWest.wor
DATE: APRIL 2014
T.N.
Grid north
Magnetic north
2°28'
22.27
Annual change decreasing 26.1'
Mapsheet 106C/01
622,000 mE
623,000 mE
624,000 mE
625,000 mE
626,000 mE
7,113,000 mN
7,112,000 mN
7,111,000 mN
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
2013 Soil sample location



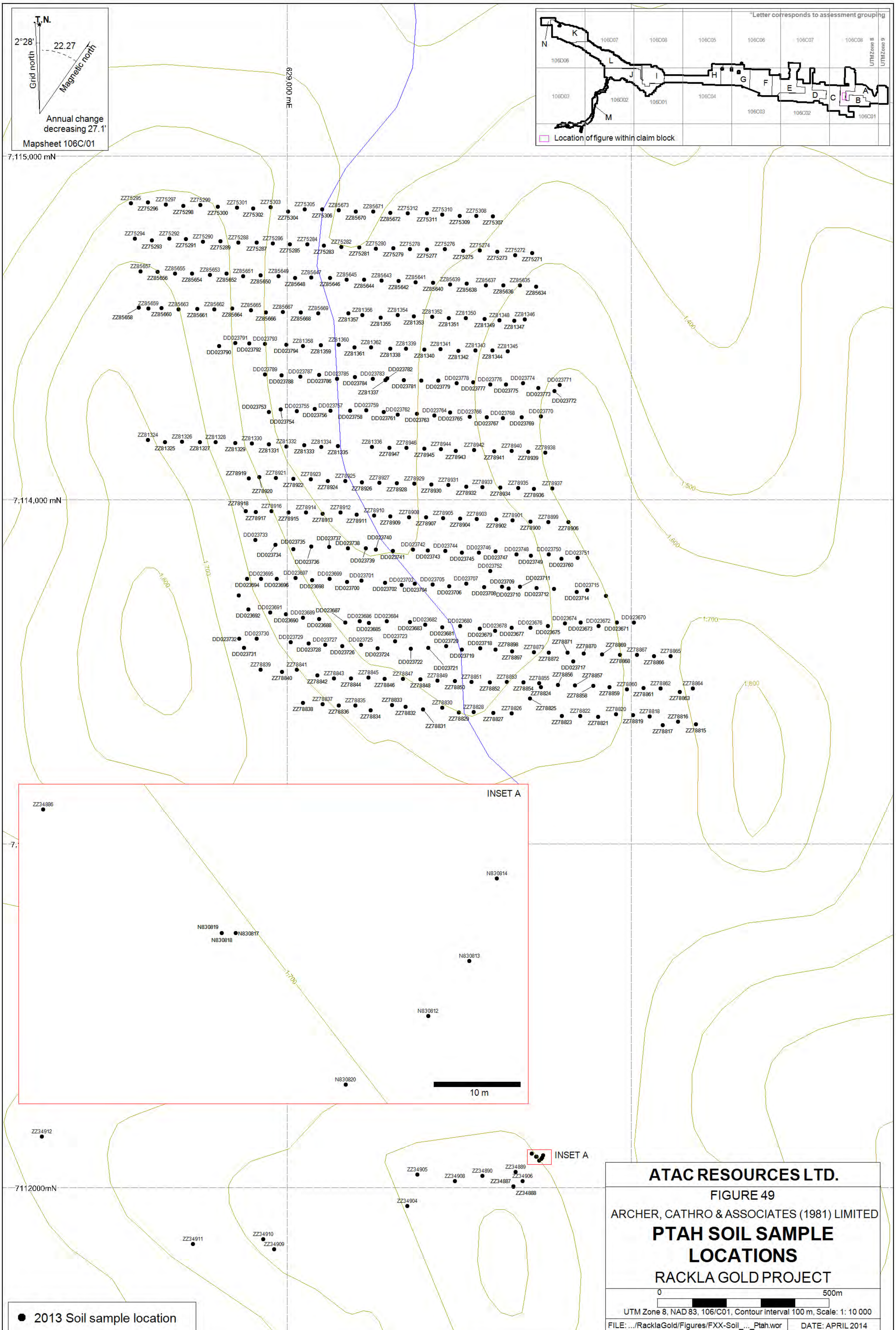
ATAC RESOURCES LTD.
FIGURE 46
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
OSIRIS WEST ARSENIC SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C01, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_...OsirisWest.wor
DATE: APRIL 2014
T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Mapsheet 106C/01
622,000 mE
623,000 mE
624,000 mE
625,000 mE
626,000 mE
7,113,000 mN
7,112,000 mN
7,111,000 mN
*Letter corresponds to assessment grouping
N
K
L
J
I
H
G
F
E
D
C
B
A
M
Location of figure within claim block
20 km
Arsenic in soil geochemistry (ppm)
≥2000 ≤10000.5
≥500 <2000
≥300 <500
≥100 <300
≥50 <100
≥0 <50
Samples taken prior to 2013 are represented by faded points



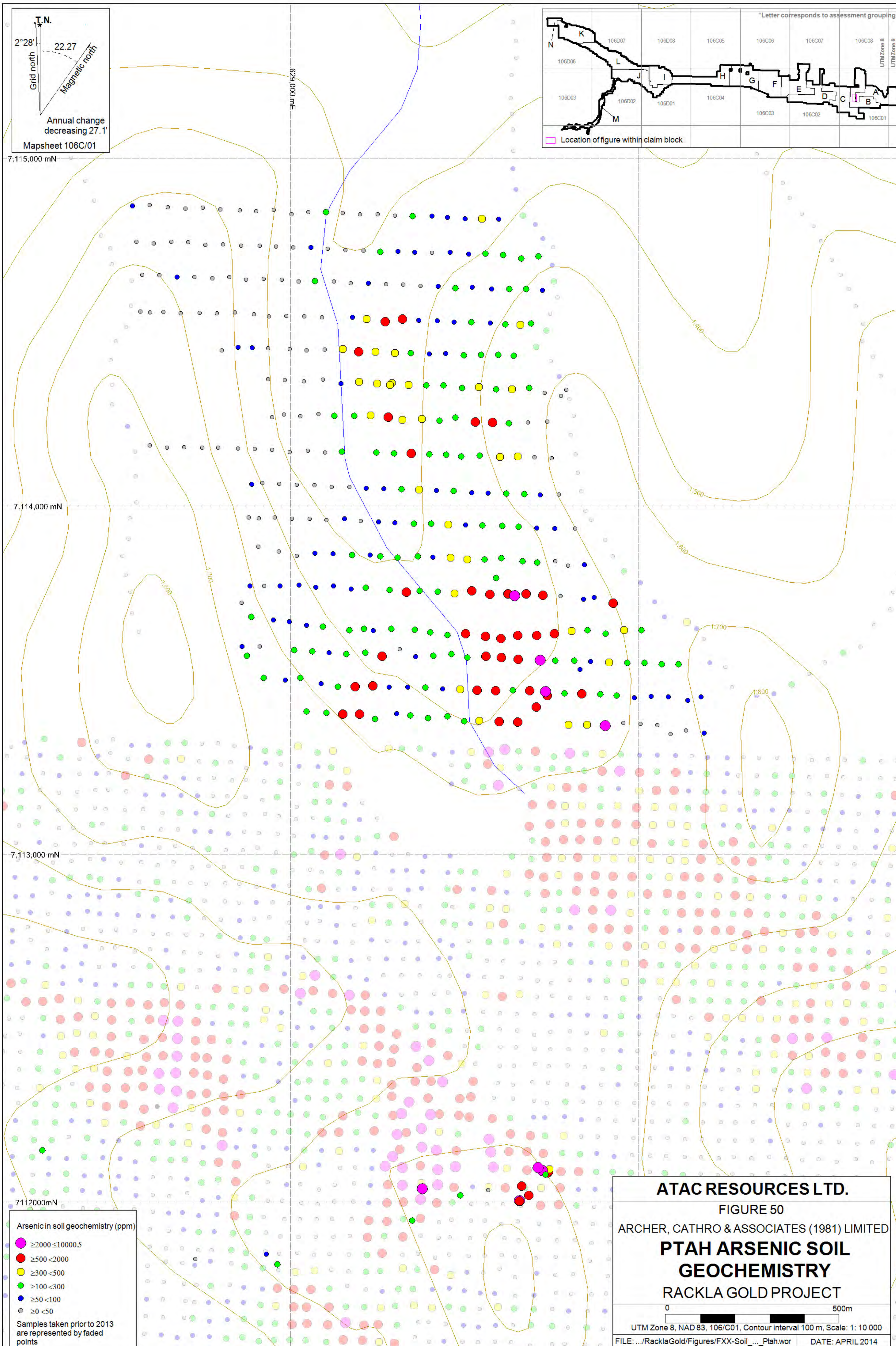
ATAC RESOURCES LTD.
FIGURE 47
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
OSIRIS WEST GOLD SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C01, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_...OsirisWest.wor
DATE: APRIL 2014
T.N.
Grid north
Magnetic north
2°28'
22.27
Annual change decreasing 26.1'
Mapsheet 106C/01
622,000 mE
623,000 mE
624,000 mE
625,000 mE
626,000 mE
7,113,000 mN
7,112,000 mN
7,111,000 mN
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
Gold in soil geochemistry (ppm)
≥0.5
≥0.1 <0.5
≥0.05 <0.1
≥0.025 <0.05
≥0.01 <0.025
≥0 <0.01
Samples taken prior to 2013 are represented by faded points



ATAC RESOURCES LTD.
FIGURE 48
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
OSIRIS WEST MERCURY
SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C01, Contour interval 100 m, Scale: 1: 10 000
FILE: .../Rackla.../Figures/FXX-Soil_...OsirisWest.wor
DATE: APRIL 2014
T.N.
Grid north
Magnetic north
2°28'
22.27
Annual change decreasing 26.1'
Mapsheet 106C/01
622,000 mE
623,000 mE
624,000 mE
625,000 mE
626,000 mE
7,113,000 mN
7,112,000 mN
7,111,000 mN
*Letter corresponds to assessment grouping
Location of figure within claim block
20 km
Mercury in soil geochemistry (ppm)
≥6
≥3.25 <6
≥1.5 <3.25
≥0.8 <1.5
≥0.4 <0.8
≥0 <0.4
Samples taken prior to 2013 are represented by faded points



T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01
*Letter corresponds to assessment grouping
Location of figure within claim block
629,000 mE
7,115,000 mN
7,114,000 mN
7112000mN
INSET A
10 m
2013 Soil sample location
ATAC RESOURCES LTD.
FIGURE 49
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PTAH SOIL SAMPLE LOCATIONS
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C01, Contour interval 100 m, Scale: 1: 10 000
FILE: .../RacklaGold/Figures/FXX-Soil_..._Ptah.wor
DATE: APRIL 2014



ATAC RESOURCES LTD.

FIGURE 50

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PTAH ARSENIC SOIL GEOCHEMISTRY

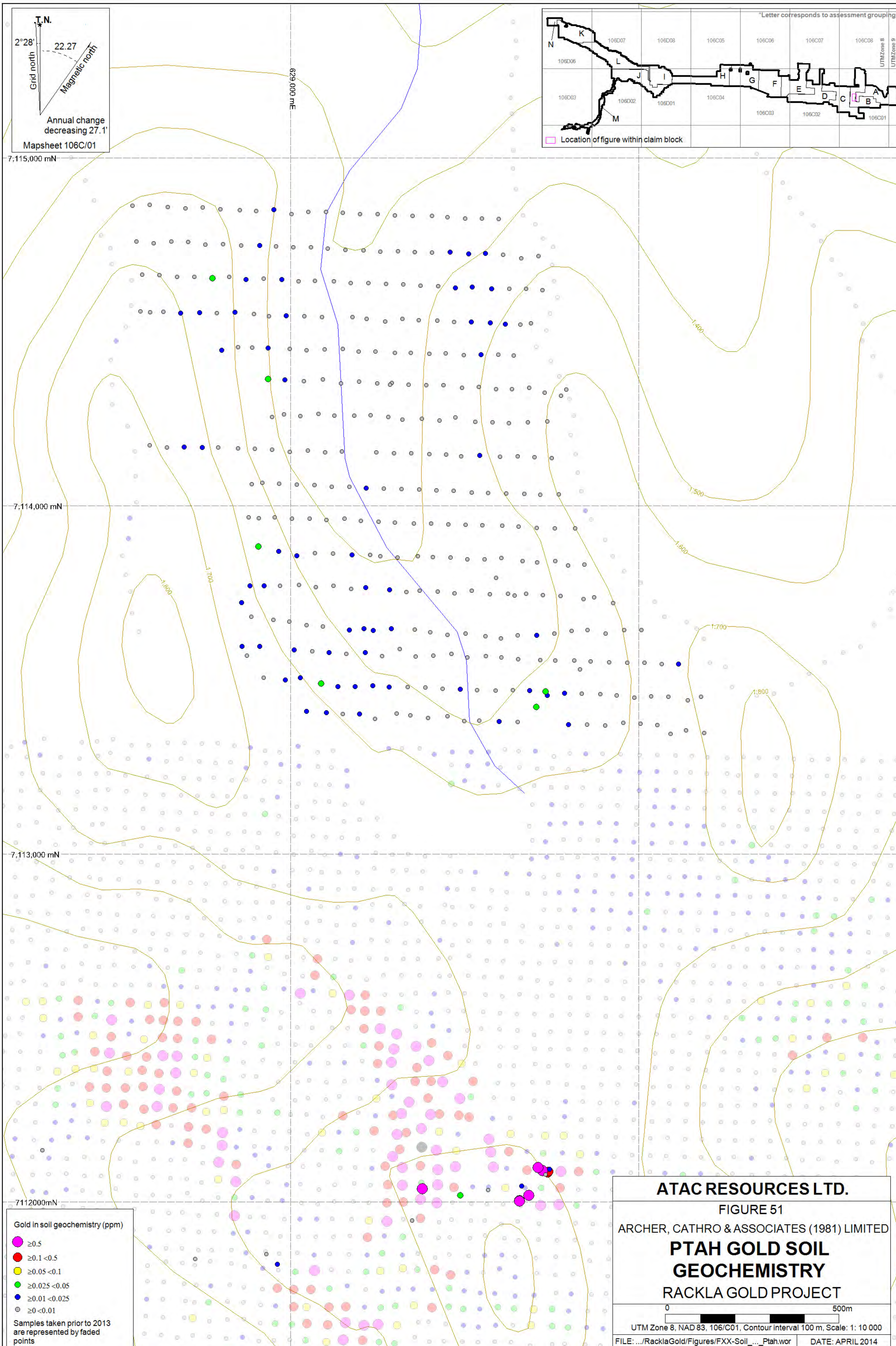
RACKLA GOLD PROJECT

0 500m

UTM Zone 8, NAD 83, 106/C01, Contour interval 100 m, Scale: 1: 10 000

FILE: .../RacklaGold/Figures/FXX-Soil_..._Ptah.wor

DATE: APRIL 2014



ATAC RESOURCES LTD.

FIGURE 51

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

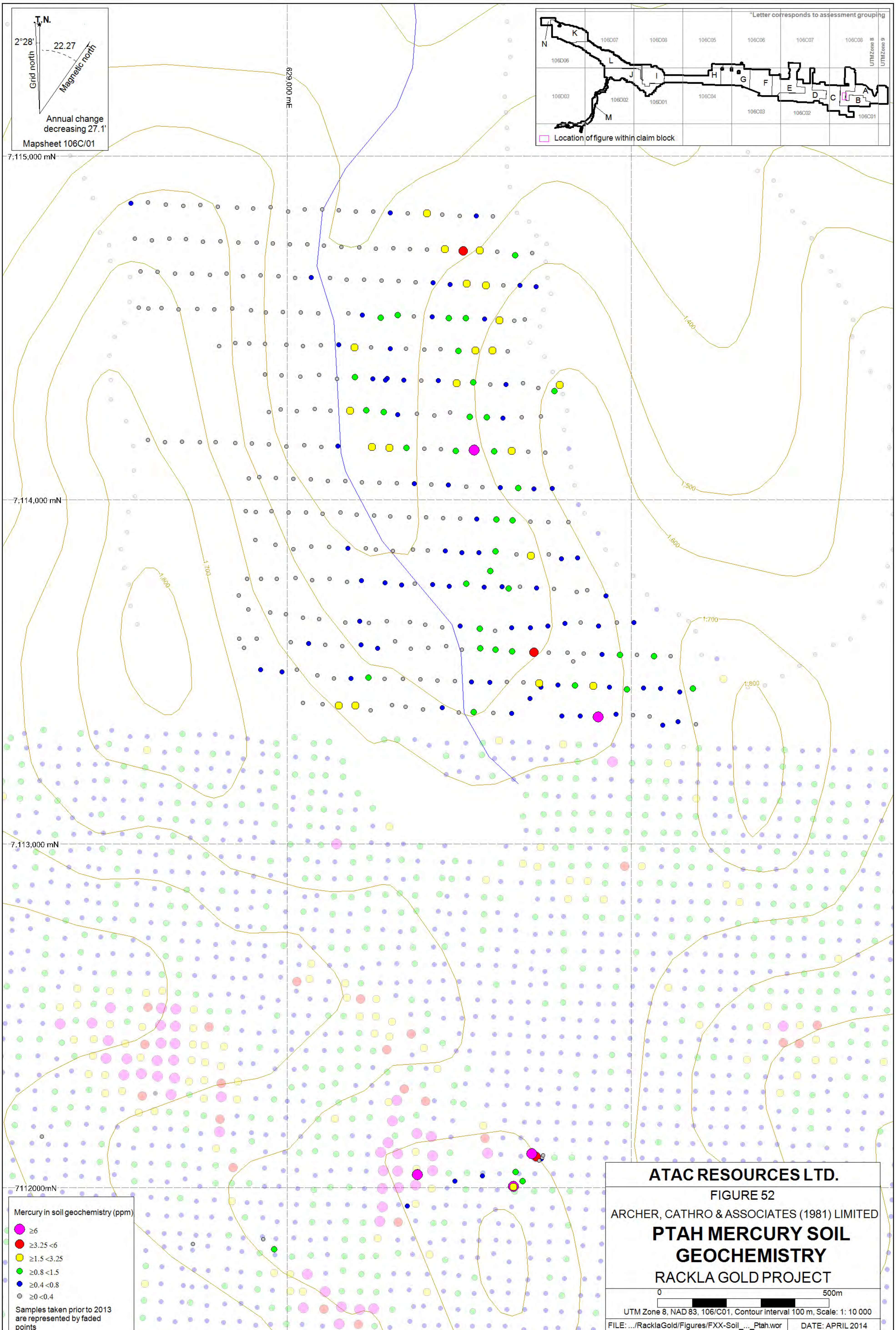
PTAH GOLD SOIL GEOCHEMISTRY

RACKLA GOLD PROJECT

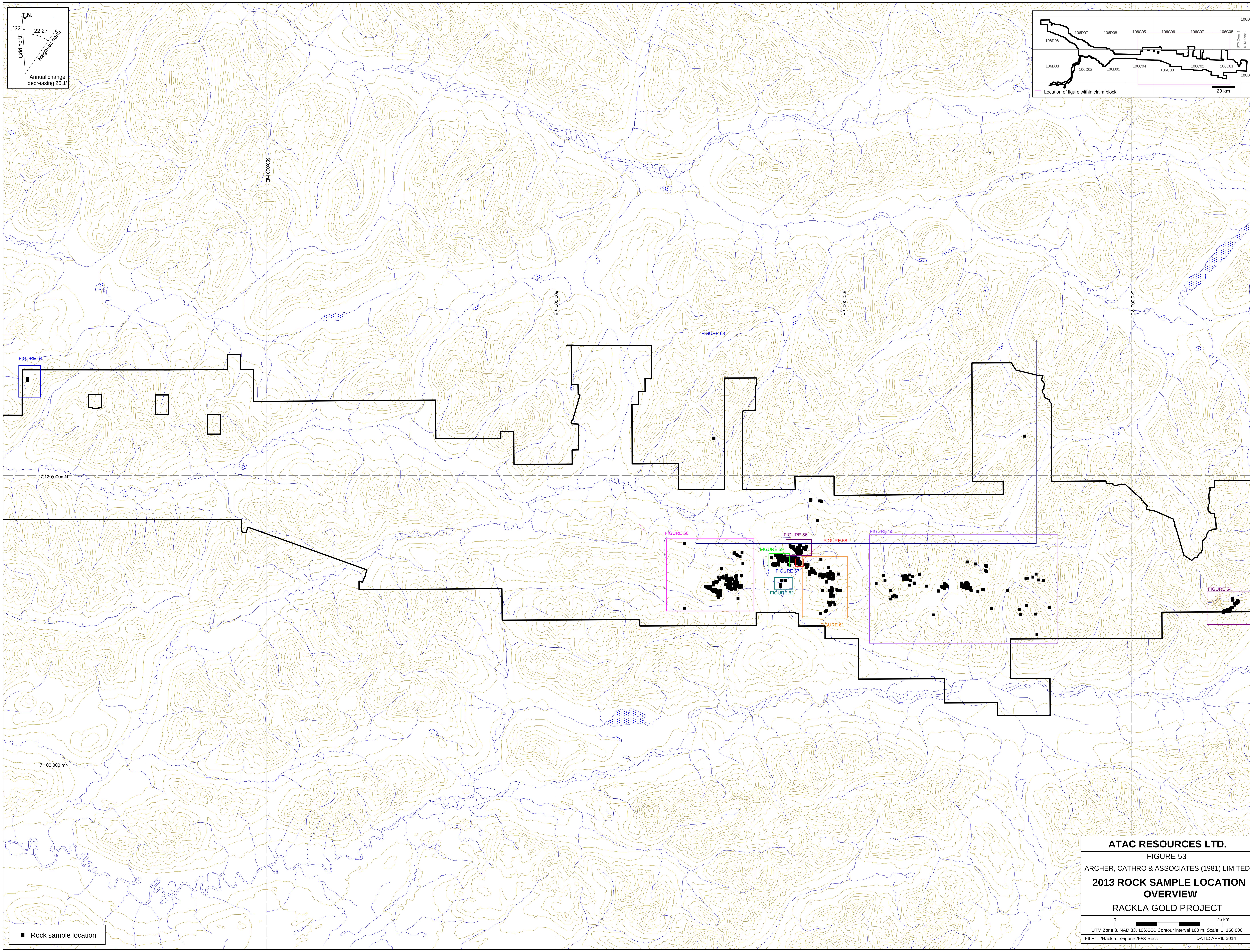
0 500m

UTM Zone 8, NAD 83, 106/C01, Contour interval 100 m, Scale: 1: 10 000

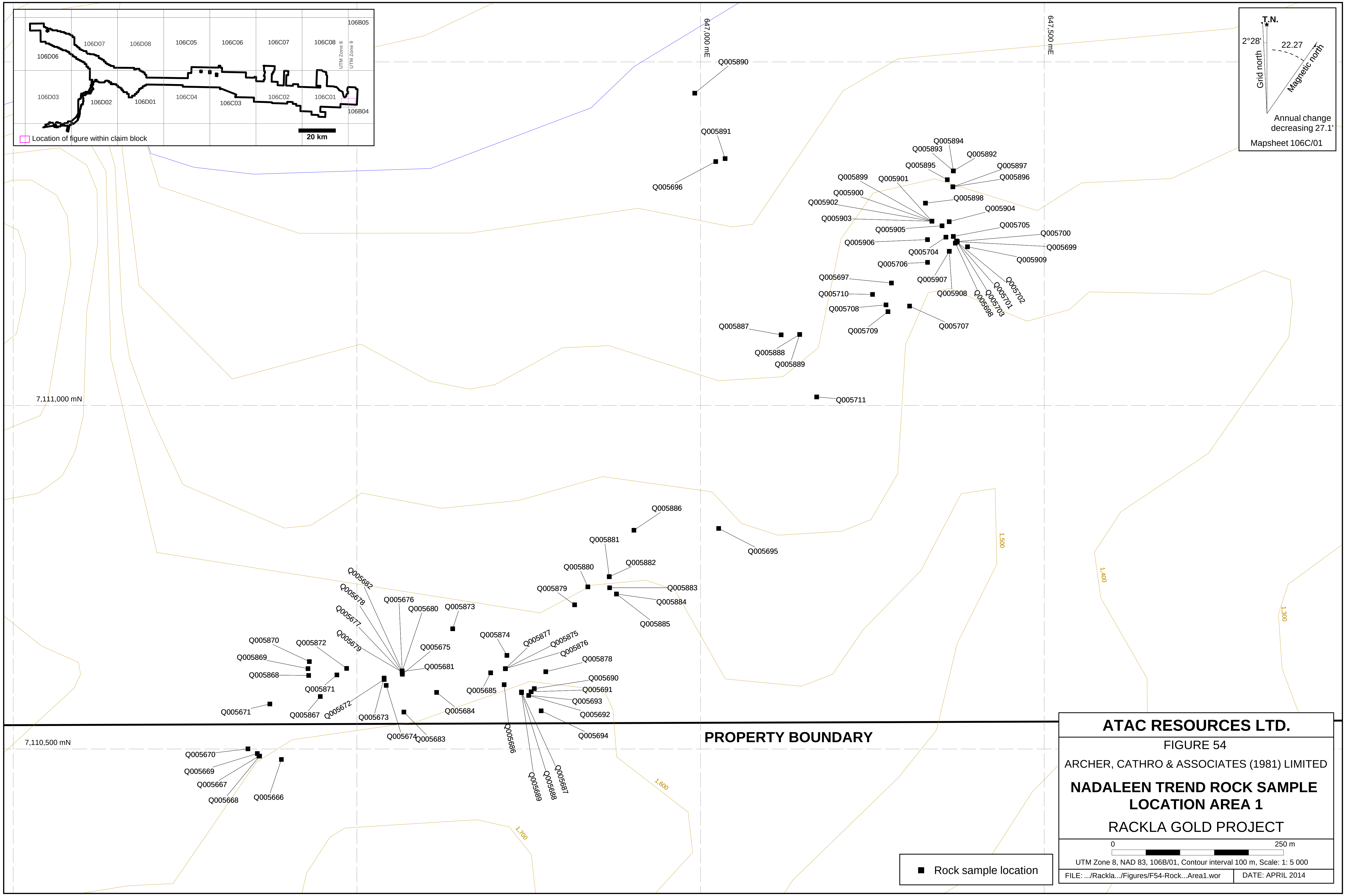
FILE: .../RacklaGold/Figures/FXX-Soil_..._Ptah.wor DATE: APRIL 2014

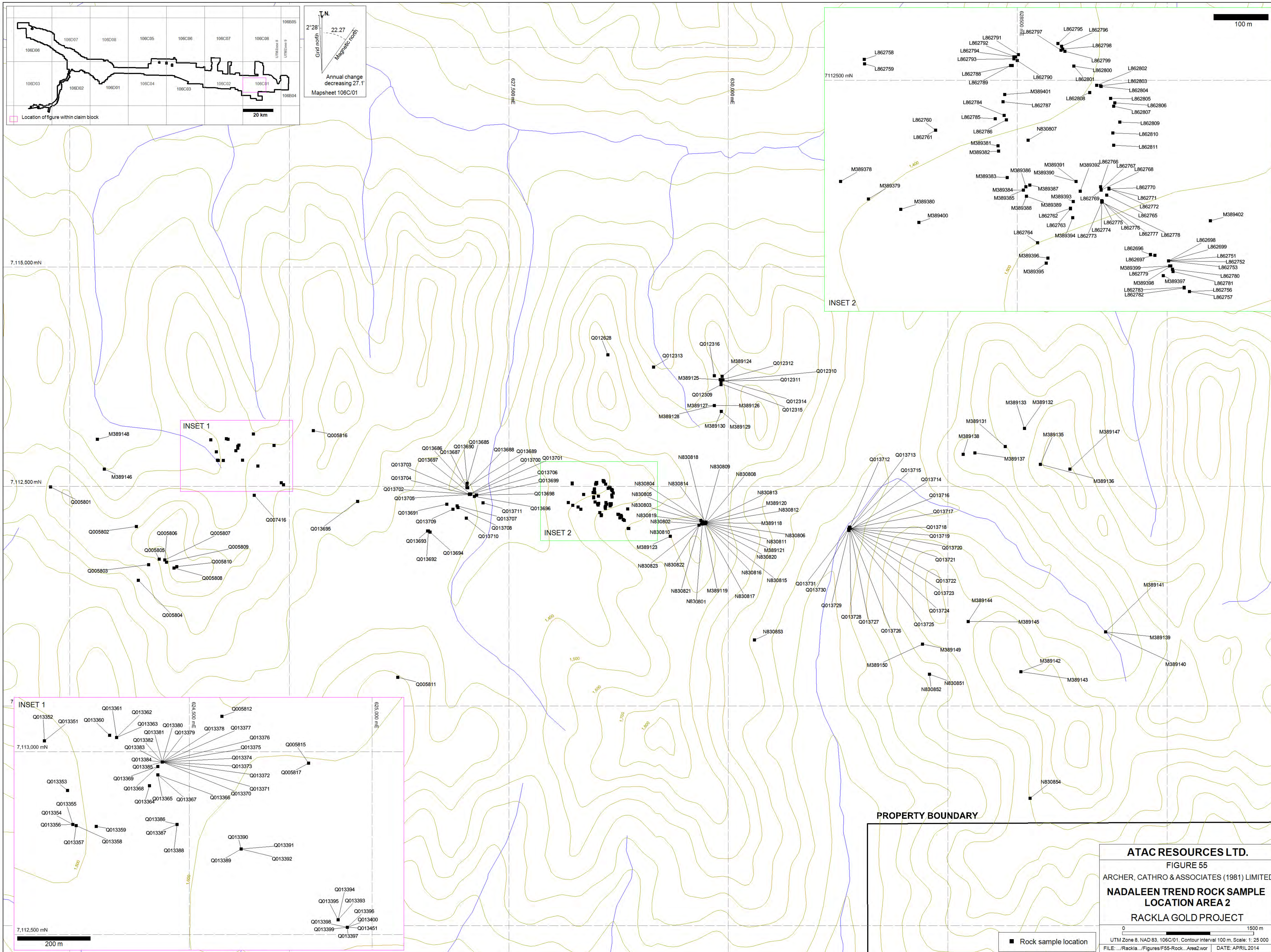


T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01
*Letter corresponds to assessment grouping
K
N
L
J
I
H
G
F
E
D
C
A
B
M
106D07
106D08
106C05
106C06
106C07
106C08
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
UTM Zone 8
UTM Zone 9
Location of figure within claim block
629,000 mE
7,115,000 mN
7,114,000 mN
7,113,000 mN
7112000mN
1,400
1,500
1,600
1,700
1,800
Mercury in soil geochemistry (ppm)
≥6
≥3.25 <6
≥1.5 <3.25
≥0.8 <1.5
≥0.4 <0.8
≥0 <0.4
Samples taken prior to 2013 are represented by faded points
ATAC RESOURCES LTD.
FIGURE 52
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PTAH MERCURY SOIL GEOCHEMISTRY
RACKLA GOLD PROJECT
0
500m
UTM Zone 8, NAD 83, 106/C01, Contour interval 100 m, Scale: 1: 10 000
FILE: .../RacklaGold/Figures/FXX-Soil_..._Ptah.wor
DATE: APRIL 2014

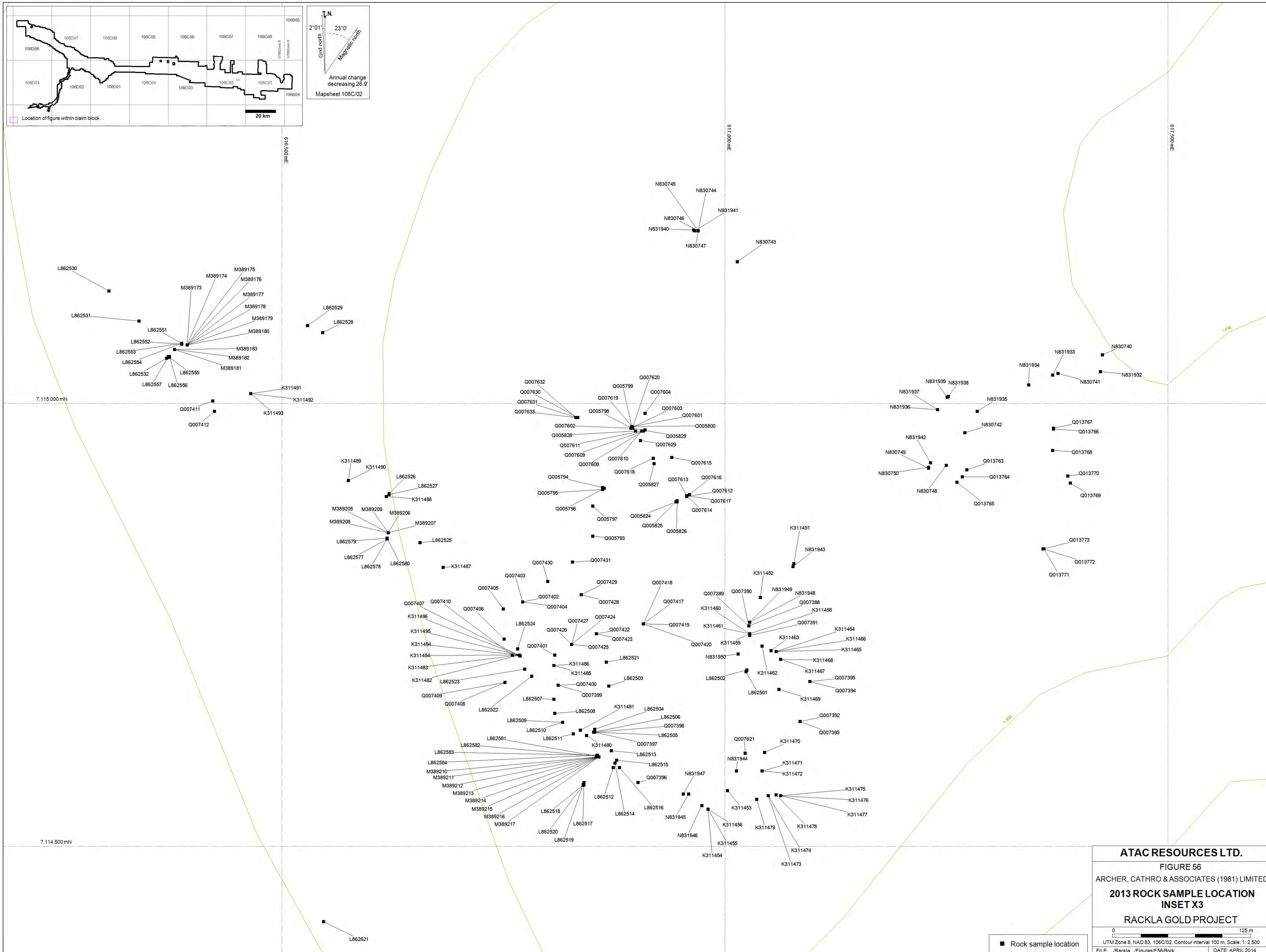


T.N.
1°32'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
106D07
106D08
106C05
106C06
106C07
106C08
106B05
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04
Location of figure within claim block
20 km
580,000 mE
600,000 mE
620,000 mE
640,000 mE
7,120,000mN
7,100,000 mN
FIGURE 63
FIGURE 64
FIGURE 60
FIGURE 56
FIGURE 58
FIGURE 59
FIGURE 57
FIGURE 62
FIGURE 61
FIGURE 55
FIGURE 54
Rock sample location
ATAC RESOURCES LTD.
FIGURE 53
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2013 ROCK SAMPLE LOCATION OVERVIEW
RACKLA GOLD PROJECT
0
75 km
UTM Zone 8, NAD 83, 106XXX, Contour interval 100 m, Scale: 1: 150 000
FILE: .../Rackla.../Figures/F53-Rock
DATE: APRIL 2014

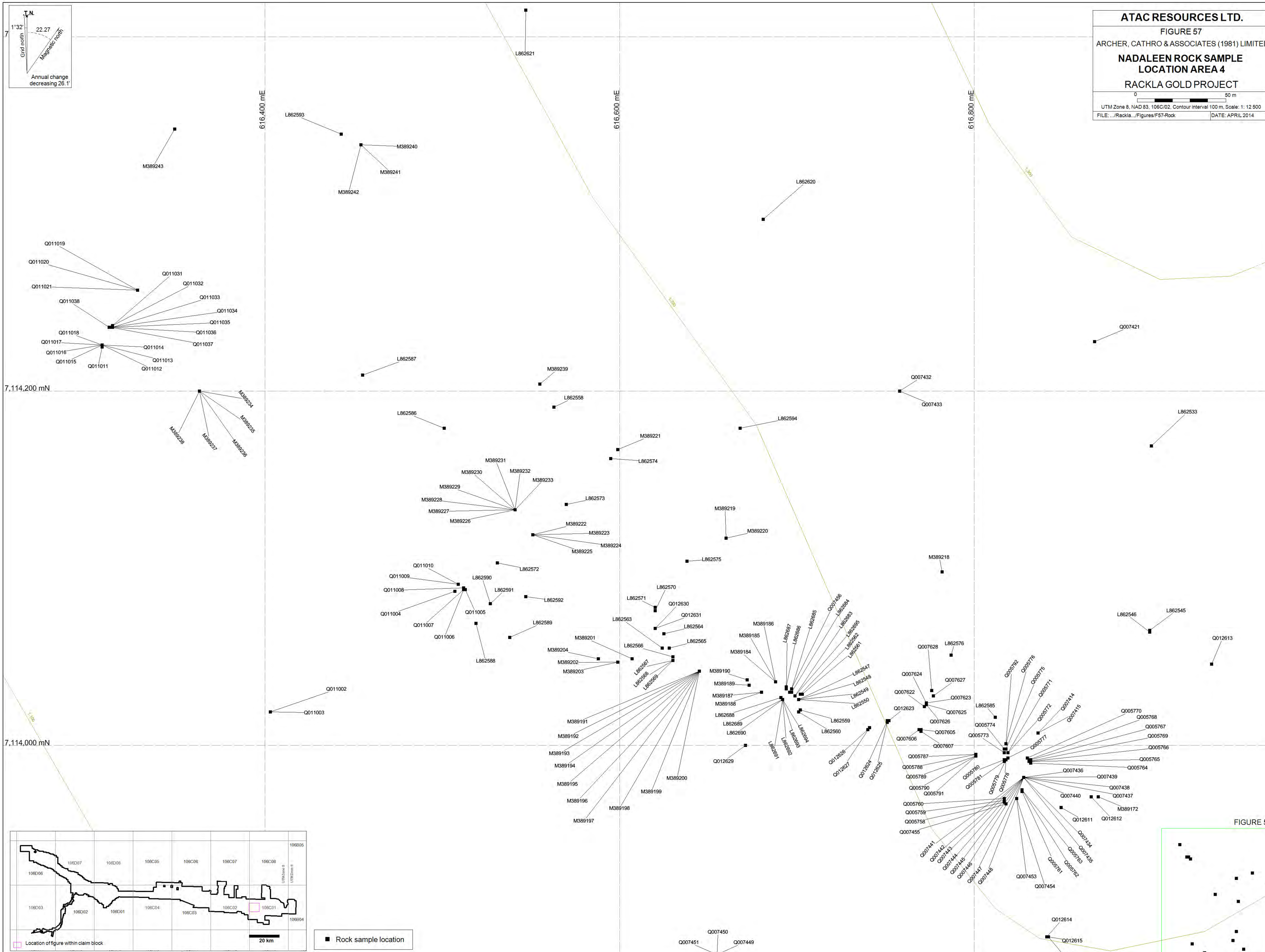

ATAC RESOURCES LTD.
FIGURE 54
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
NADALEEN TREND ROCK SAMPLE LOCATION AREA 1
RACKLA GOLD PROJECT
0
250 m
UTM Zone 8, NAD 83, 106B/01, Contour interval 100 m, Scale: 1: 5 000
FILE: .../Rackla.../Figures/F54-Rock...Area1.wor
DATE: APRIL 2014
Rock sample location
PROPERTY BOUNDARY
T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01
Location of figure within claim block
20 km
106B05
106D07
106D08
106C05
106C06
106C07
106C08
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04
UTM Zone 8
UTM Zone 9
647,000 mE
647,500 mE
7,111,000 mN
7,110,500 mN
1,300
1,400
1,500
1,600
1,700
Q005890
Q005891
Q005696
Q005894
Q005893
Q005892
Q005895
Q005897
Q005896
Q005899
Q005901
Q005900
Q005902
Q005898
Q005904
Q005903
Q005905
Q005705
Q005700
Q005906
Q005699
Q005704
Q005909
Q005706
Q005697
Q005907
Q005702
Q005710
Q005908
Q005701
Q005698
Q005703
Q005708
Q005707
Q005709
Q005887
Q005888
Q005889
Q005711
Q005886
Q005695
Q005881
Q005882
Q005880
Q005879
Q005883
Q005884
Q005885
Q005682
Q005678
Q005676
Q005680
Q005873
Q005677
Q005679
Q005675
Q005681
Q005874
Q005877
Q005875
Q005876
Q005878
Q005870
Q005872
Q005869
Q005868
Q005871
Q005690
Q005685
Q005691
Q005693
Q005692
Q005671
Q005867
Q005672
Q005673
Q005684
Q005694
Q005674
Q005683
Q005686
Q005670
Q005669
Q005667
Q005668
Q005666
Q005689
Q005688
Q005687



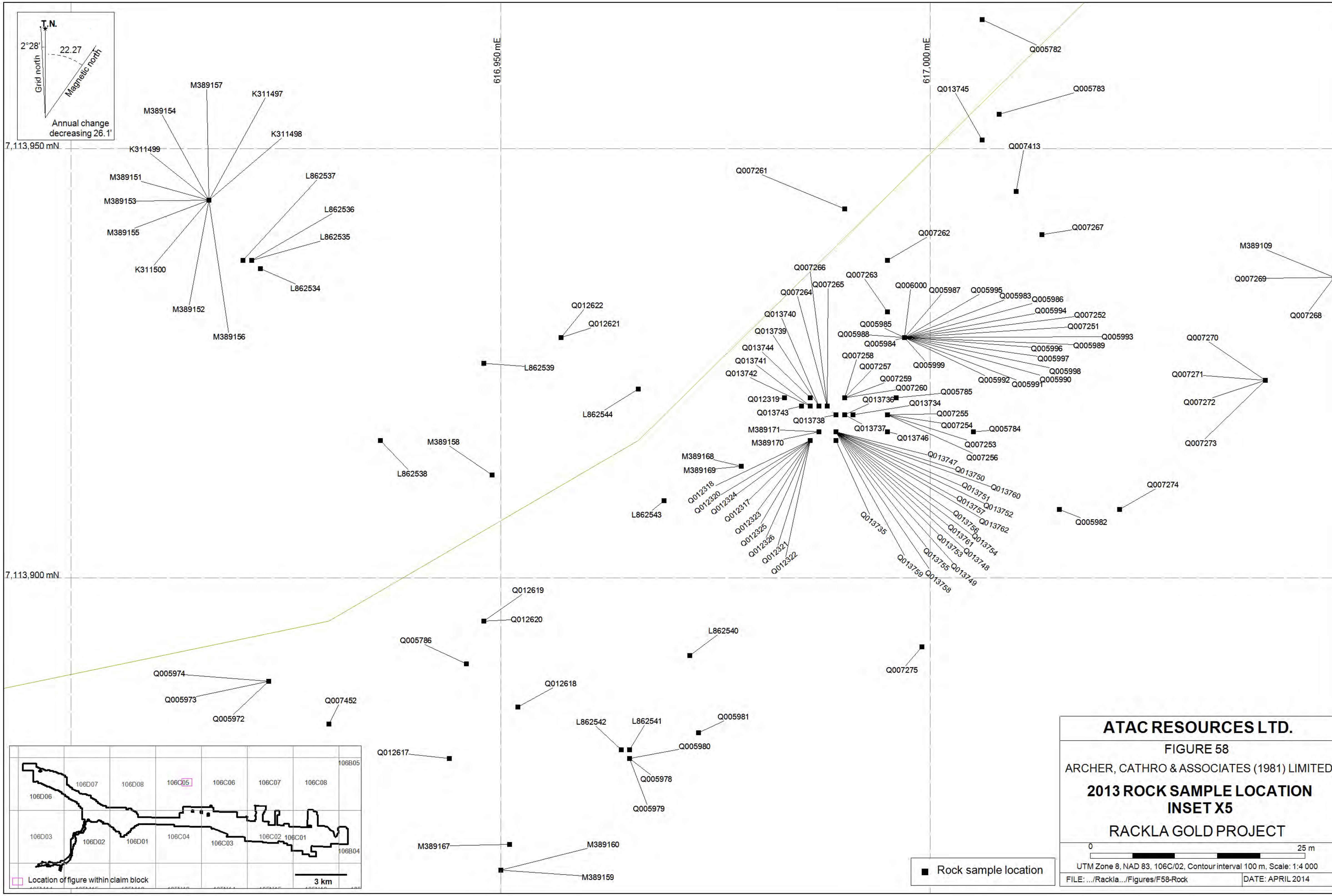
ATAC RESOURCES LTD.
FIGURE 55
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
NADALEEN TREND ROCK SAMPLE LOCATION AREA 2
RACKLA GOLD PROJECT
0
1500 m
UTM Zone 8, NAD 83, 106C/01, Contour interval 100 m, Scale: 1: 25 000
FILE: .../Rackla.../Figures/F55-Rock....Area2.wor
DATE: APRIL 2014
Rock sample location
PROPERTY BOUNDARY
INSET 1
INSET 2
Location of figure within claim block
20 km
T.N.
Grid north
Magnetic north
2°28'
22.27
Annual change decreasing 27.1'
Mapsheet 106C/01
106D07
106D08
106C05
106C06
106C07
106C08
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B05
106B04
7,115,000 mN
7,112,500 mN
627,500 mE
630,000 mE
7,113,000 mN
624,500 mE
625,000 mE
200 m
100 m
7112500 mN
628500 mE



ATAC RESOURCES LTD.
FIGURE 56
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2013 ROCK SAMPLE LOCATION
INSET X3
RACKLA GOLD PROJECT
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 2 500
FILE: .../Rackla.../Figures/F56-Rock
DATE: APRIL 2014
Rock sample location
Mapsheet 106C/02
Location of figure within claim block



ATAC RESOURCES LTD.
FIGURE 57
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
NADALEEN ROCK SAMPLE LOCATION AREA 4
RACKLA GOLD PROJECT
0 50 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1: 12 500
FILE: .../Rackla.../Figures/F57-Rock
DATE: APRIL 2014
T.N.
1°32'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
616,400 mE
616,600 mE
616,800 mE
7,114,200 mN
7,114,000 mN
FIGURE 58
Rock sample location
Location of figure within claim block
20 km
106D07
106D08
106C05
106C06
106C07
106C08
106B05
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04


T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
7,113,950 mN
7,113,900 mN
616,950 mE
617,000 mE
Rock sample location
Location of figure within claim block
3 km
ATAC RESOURCES LTD.
FIGURE 58
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2013 ROCK SAMPLE LOCATION
INSET X5
RACKLA GOLD PROJECT
0
25 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1:4 000
FILE: .../Rackla.../Figures/F58-Rock
DATE: APRIL 2014

ATAC RESOURCES LTD.

FIGURE 59

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2013 ROCK SAMPLE LOCATION
INSET X6

RACKLA GOLD PROJECT

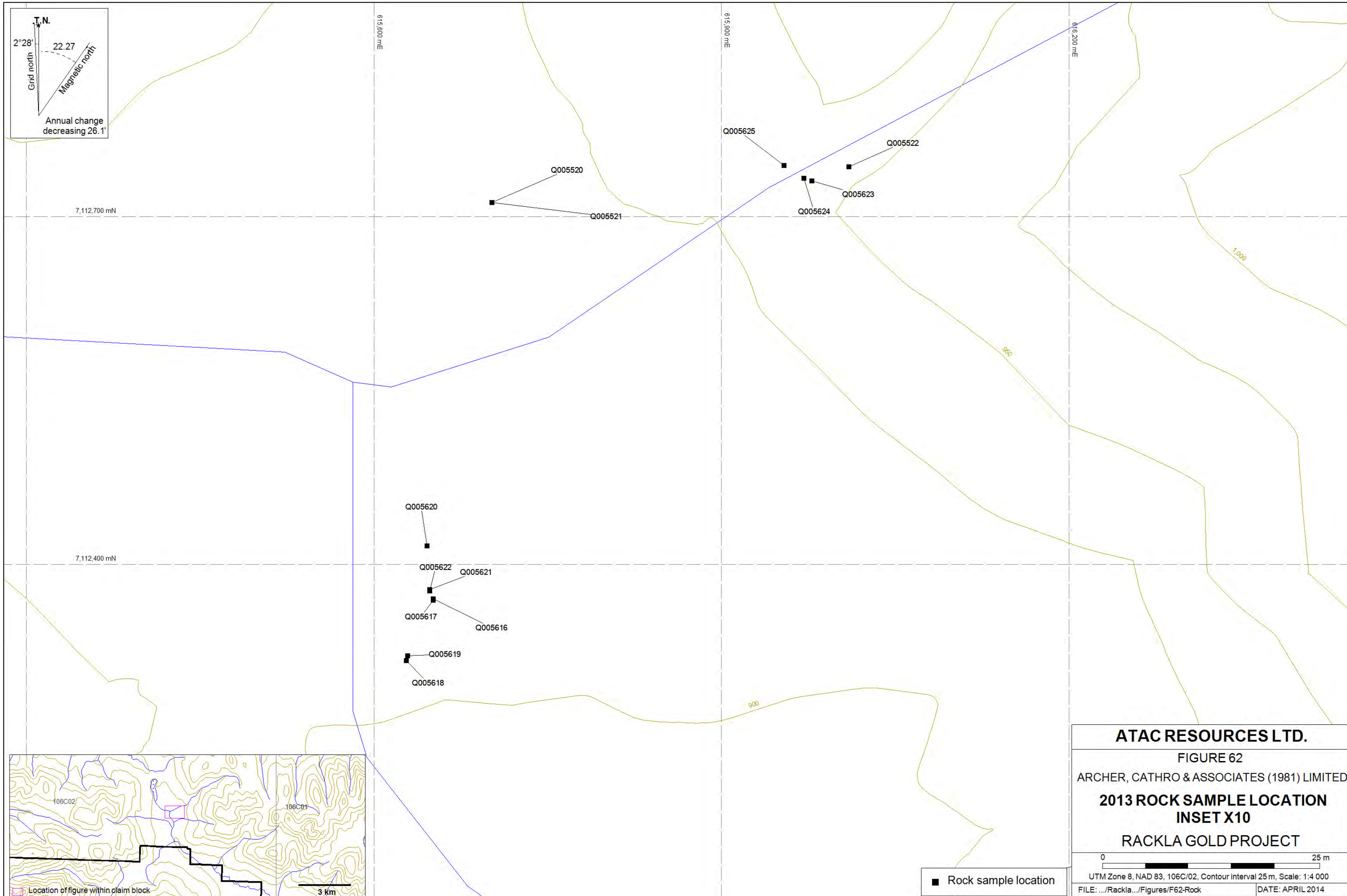
0 75 m

UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1:1500

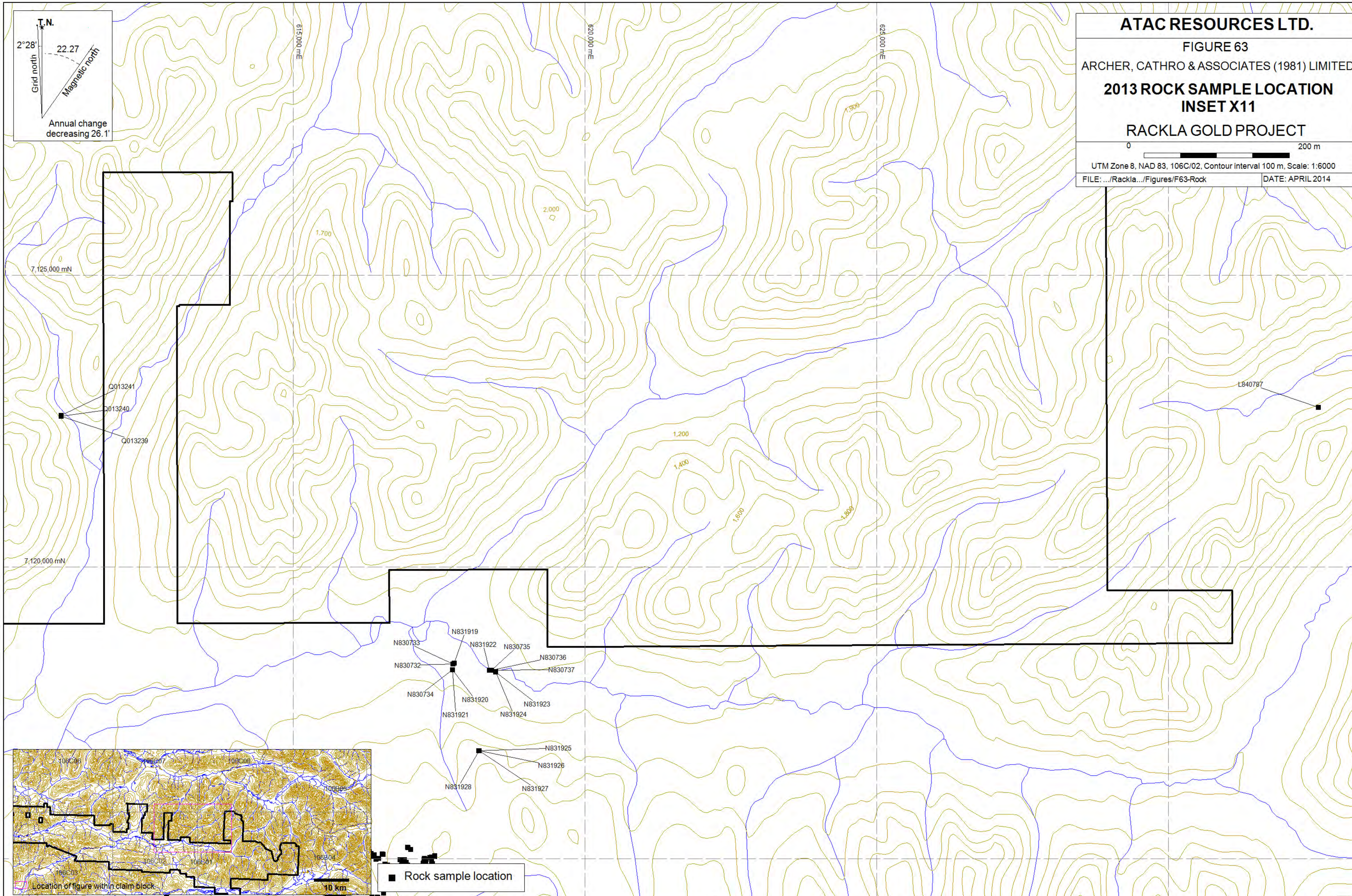
FILE: .../Rackla.../Figures/F59-Rock | DATE: APRIL 2014

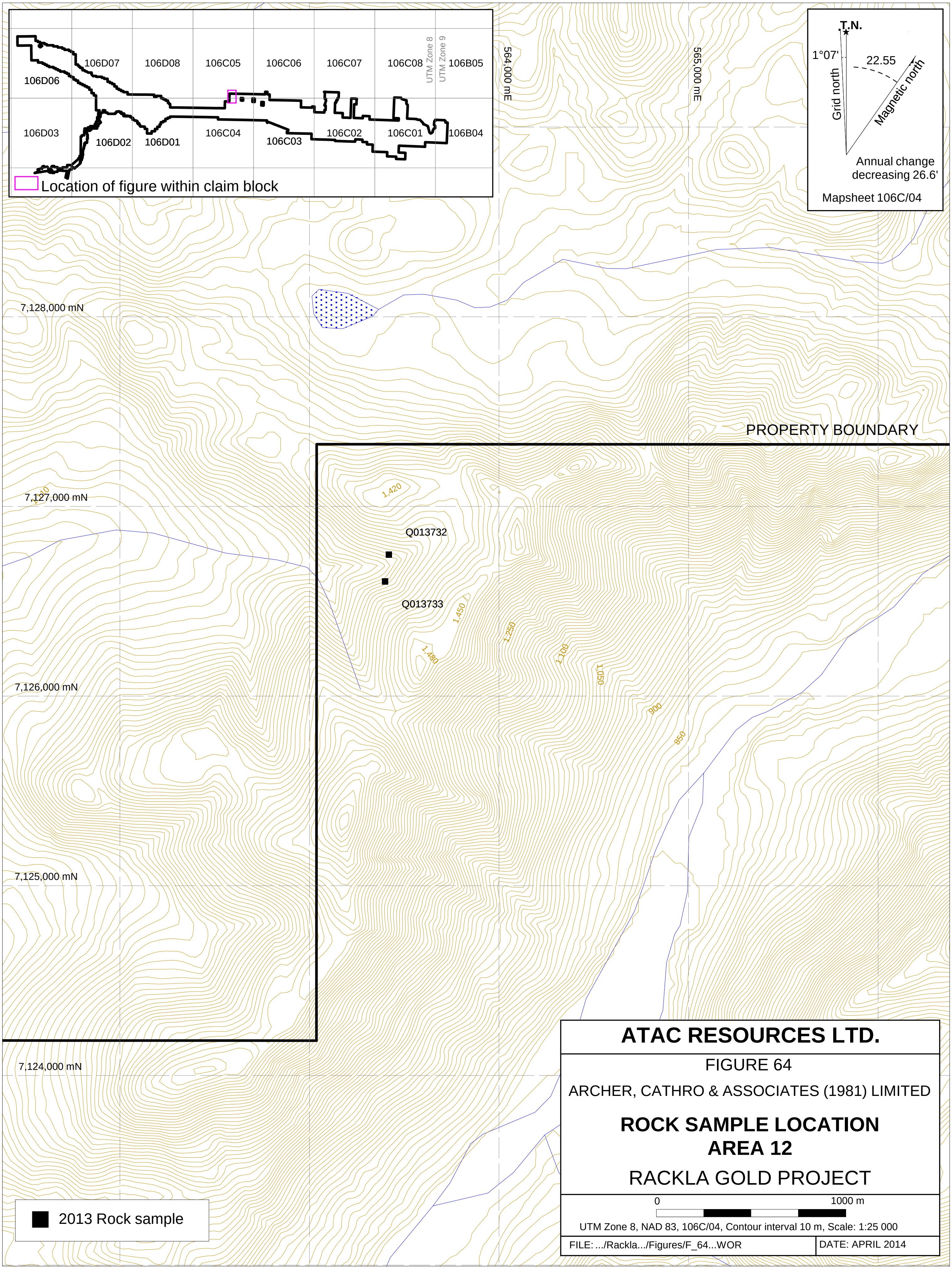
ATAC RESOURCES LTD.
FIGURE 60
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2013 ROCK SAMPLE LOCATION
INSET X8
RACKLA GOLD PROJECT
0
500 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1:8 000
FILE: .../Rackla.../Figures/F60-Rock..
DATE: APRIL 2014
T.N.
Grid north
Magnetic north
Annual change decreasing 26.1'
7,115,000 mN
7,114,000 mN
7,113,000 mN
7,112,000 mN
500 m
INSET 1
Rock sample location
Location of figure within claim block
3 km


ATAC RESOURCES LTD.
FIGURE 61
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2013 ROCK SAMPLE LOCATION
INSET X9
RACKLA GOLD PROJECT
0
250 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1:5 000
FILE: .../Rackla.../Figures/F61-Rock.
DATE: APRIL 2014
T.N.
Grid north
Magnetic north
Annual change decreasing 26.1'
7,114,000 mN
7,113,000 mN
7,112,000 mN
7111000mN
INSET 1
100 m
INSET 2
500 m
Rock sample location
Location of figure within claim block
3 km



T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
615,600 mE
615,900 mE
616,200 mE
7,112,700 mN
7,112,400 mN
Q005520
Q005521
Q005625
Q005522
Q005623
Q005624
Q005620
Q005622
Q005621
Q005617
Q005616
Q005619
Q005618
1,000
950
900
106C02
106C01
Location of figure within claim block
3 km
Rock sample location
ATAC RESOURCES LTD.
FIGURE 62
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2013 ROCK SAMPLE LOCATION INSET X10
RACKLA GOLD PROJECT
0
25 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 25 m, Scale: 1:4 000
FILE: .../Rackla.../Figures/F62-Rock
DATE: APRIL 2014


ATAC RESOURCES LTD.
FIGURE 63
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2013 ROCK SAMPLE LOCATION
INSET X11
RACKLA GOLD PROJECT
0
200 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 100 m, Scale: 1:6000
FILE: .../Rackla.../Figures/F63-Rock
DATE: APRIL 2014
T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change
decreasing 26.1'
615,000 mE
620,000 mE
625,000 mE
7,125,000 mN
7,120,000 mN
1,700
2,000
1,200
1,400
1,600
Q013241
Q013240
Q013239
L840787
N831919
N830733
N831922
N830735
N830736
N830737
N830732
N830734
N831920
N831923
N831921
N831924
N831925
N831926
N831928
N831927
Rock sample location
Location of figure within claim block
10 km



ATAC RESOURCES LTD.

FIGURE 64

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

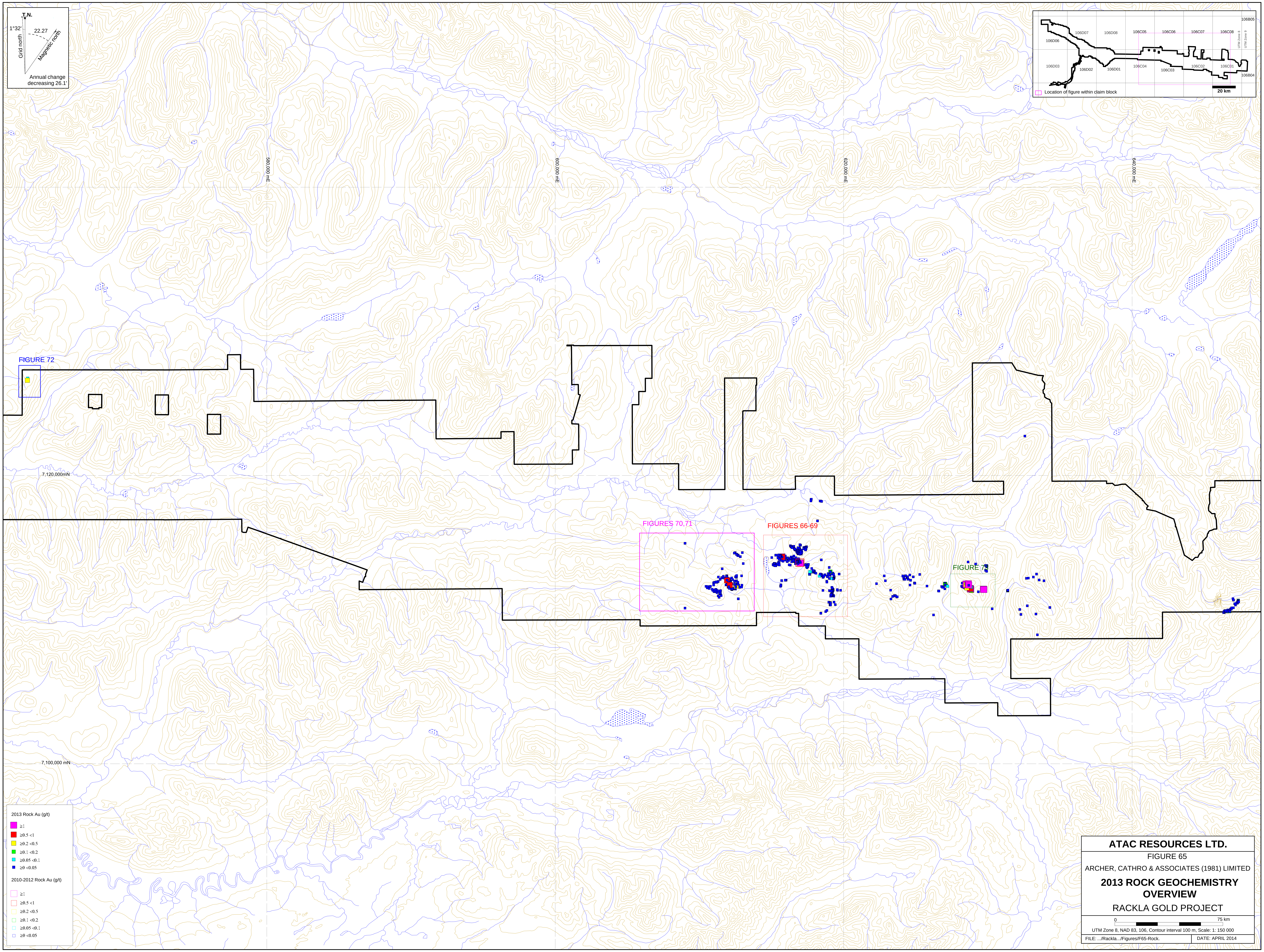
ROCK SAMPLE LOCATION
AREA 12

RACKLA GOLD PROJECT

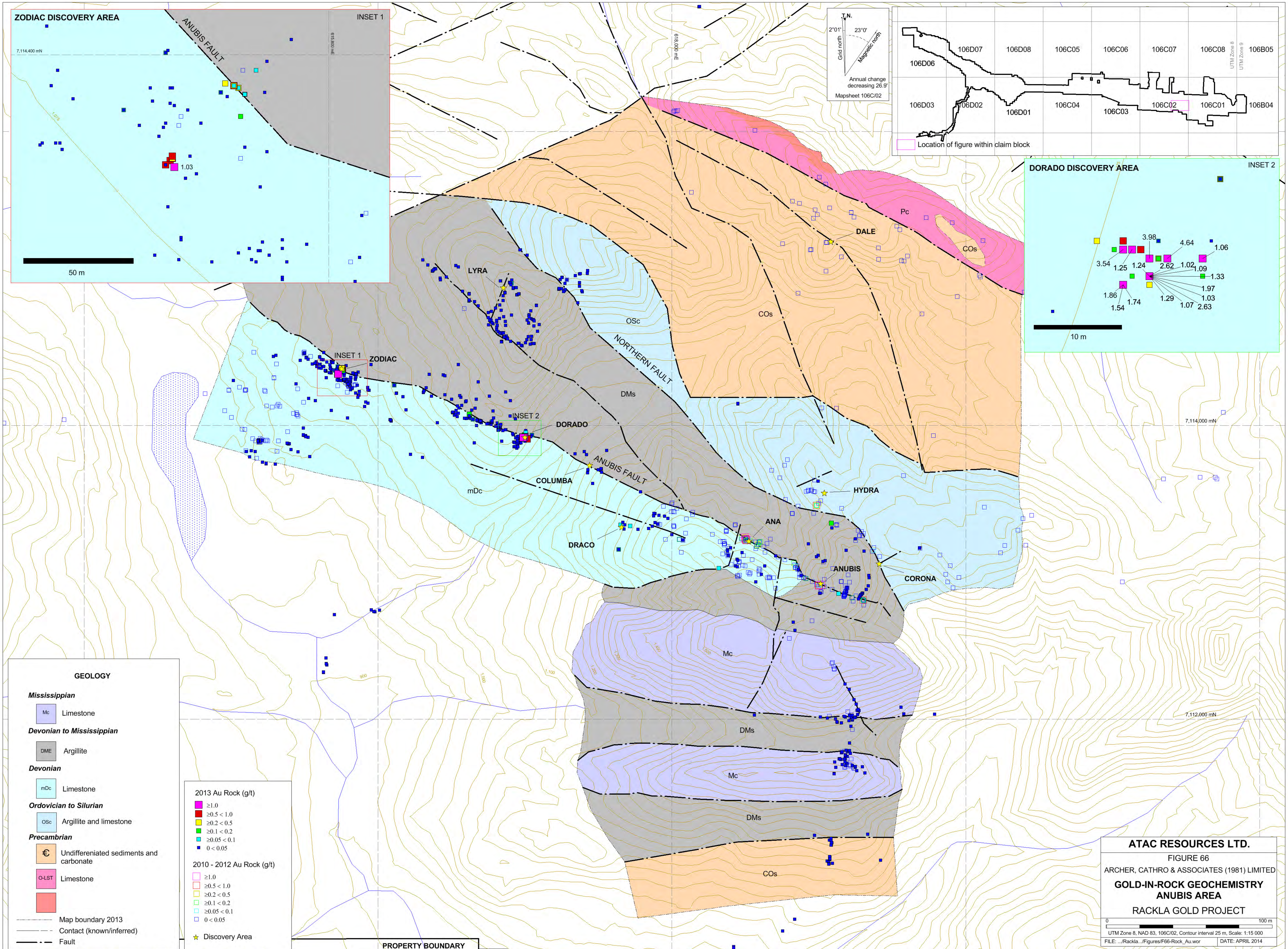
0 1000 m

UTM Zone 8, NAD 83, 106C/04, Contour interval 10 m, Scale: 1:25 000

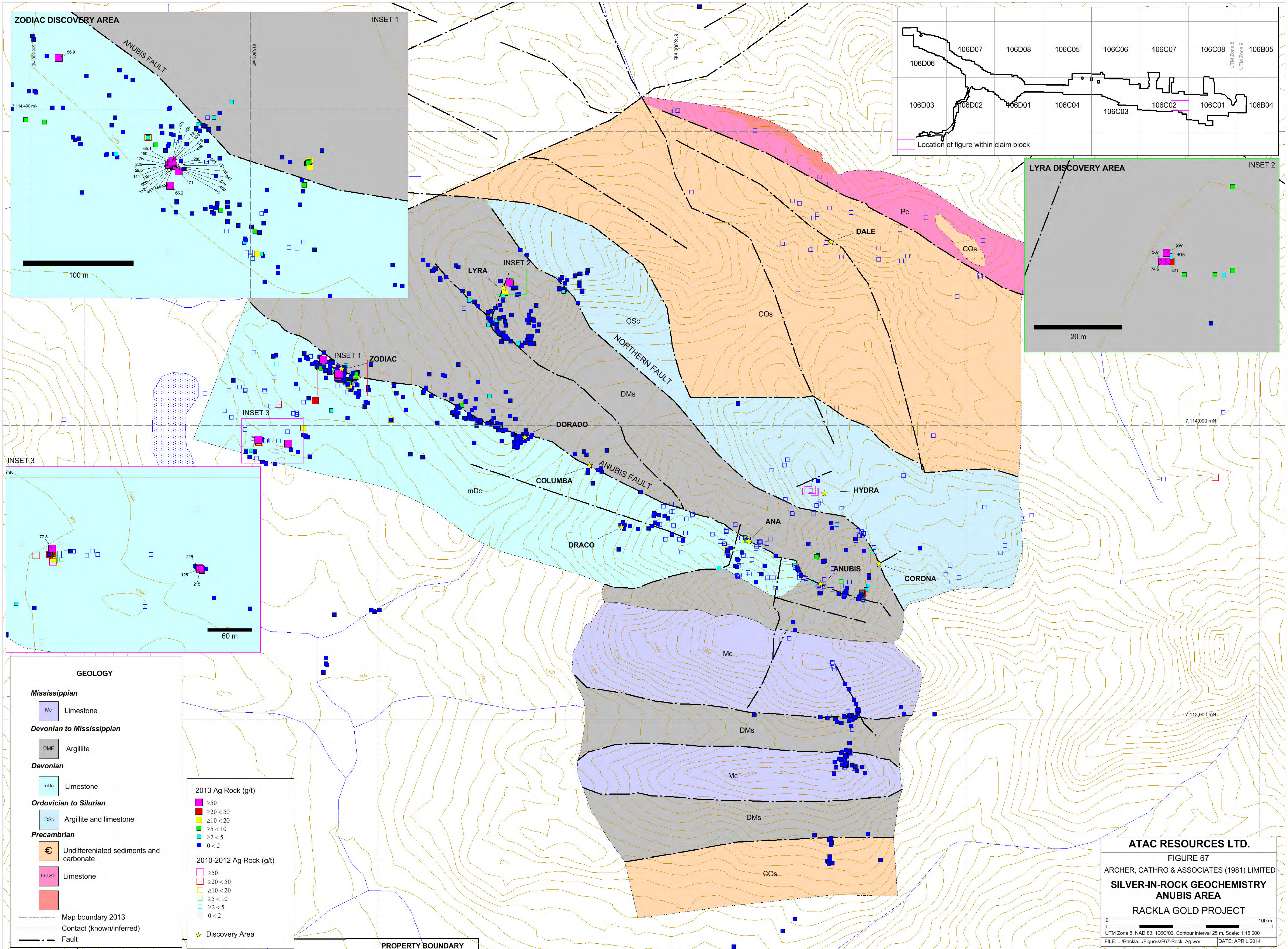
FILE: .../Rackla.../Figures/F_64...WOR | DATE: APRIL 2014

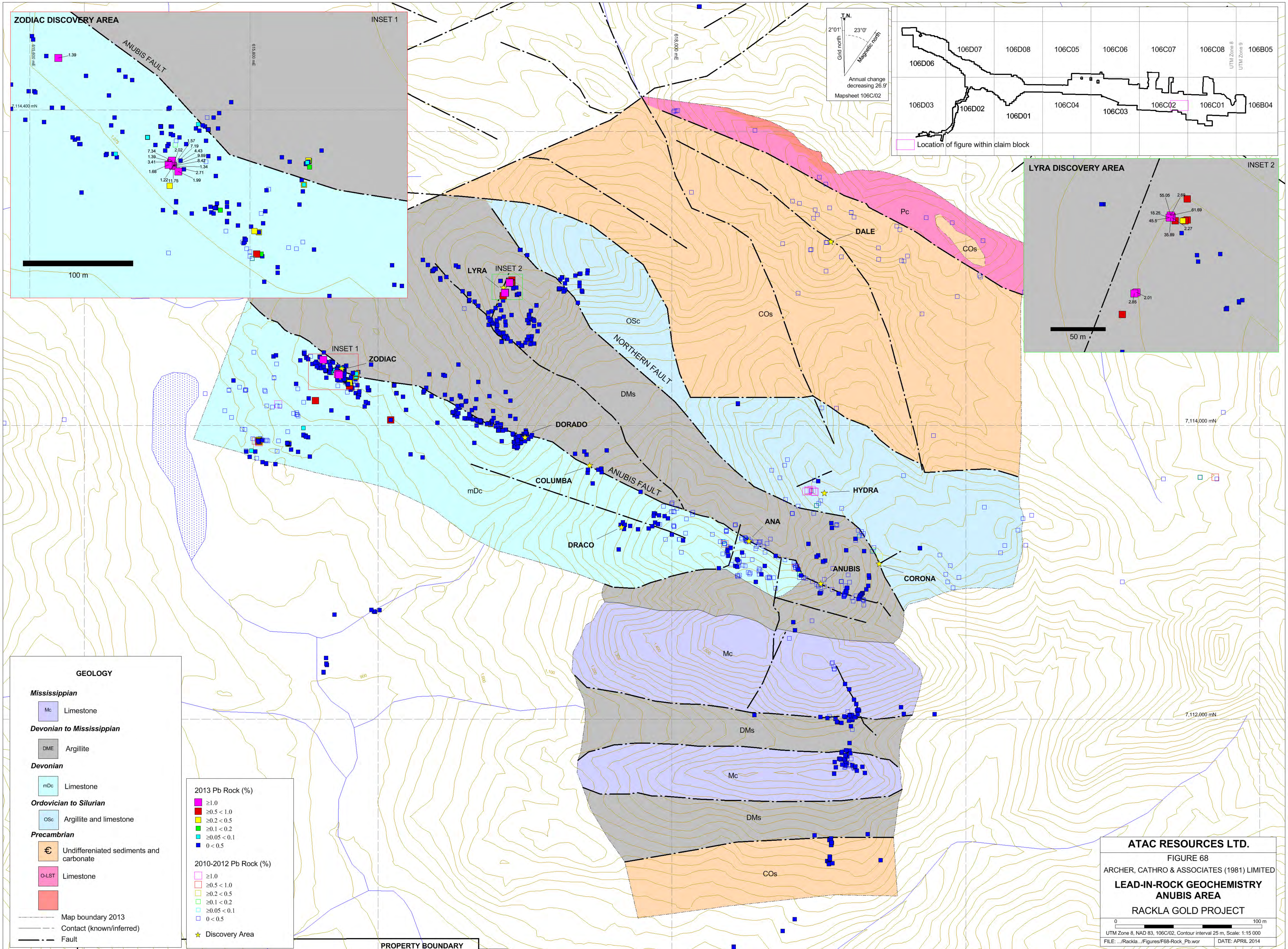


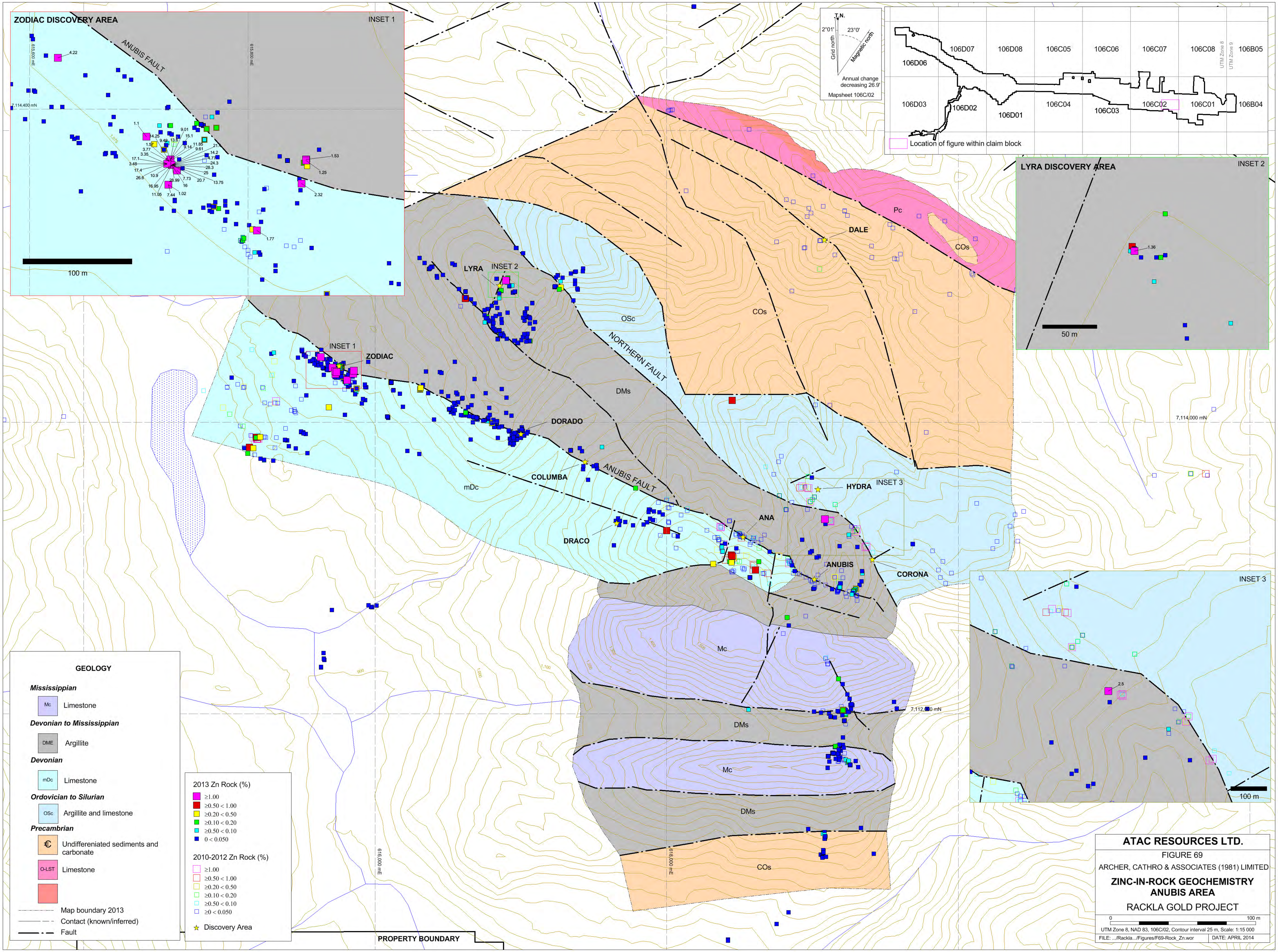
T.N.
1°32'
22.27
Grid north
Magnetic north
Annual change decreasing 26.1'
Location of figure within claim block
20 km
580,000 mE
600,000 mE
620,000 mE
640,000 mE
7,120,000mN
7,100,000 mN
FIGURE 72
FIGURES 70,71
FIGURES 66-69
2013 Rock Au (g/t)
≥1
≥0.5 <1
≥0.2 <0.5
≥0.1 <0.2
≥0.05 <0.1
≥0 <0.05
2010-2012 Rock Au (g/t)
≥1
≥0.5 <1
≥0.2 <0.5
≥0.1 <0.2
≥0.05 <0.1
≥0 <0.05
ATAC RESOURCES LTD.
FIGURE 65
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2013 ROCK GEOCHEMISTRY OVERVIEW
RACKLA GOLD PROJECT
0
75 km
UTM Zone 8, NAD 83, 106, Contour interval 100 m, Scale: 1: 150 000
FILE: .../Rackla.../Figures/F65-Rock.
DATE: APRIL 2014



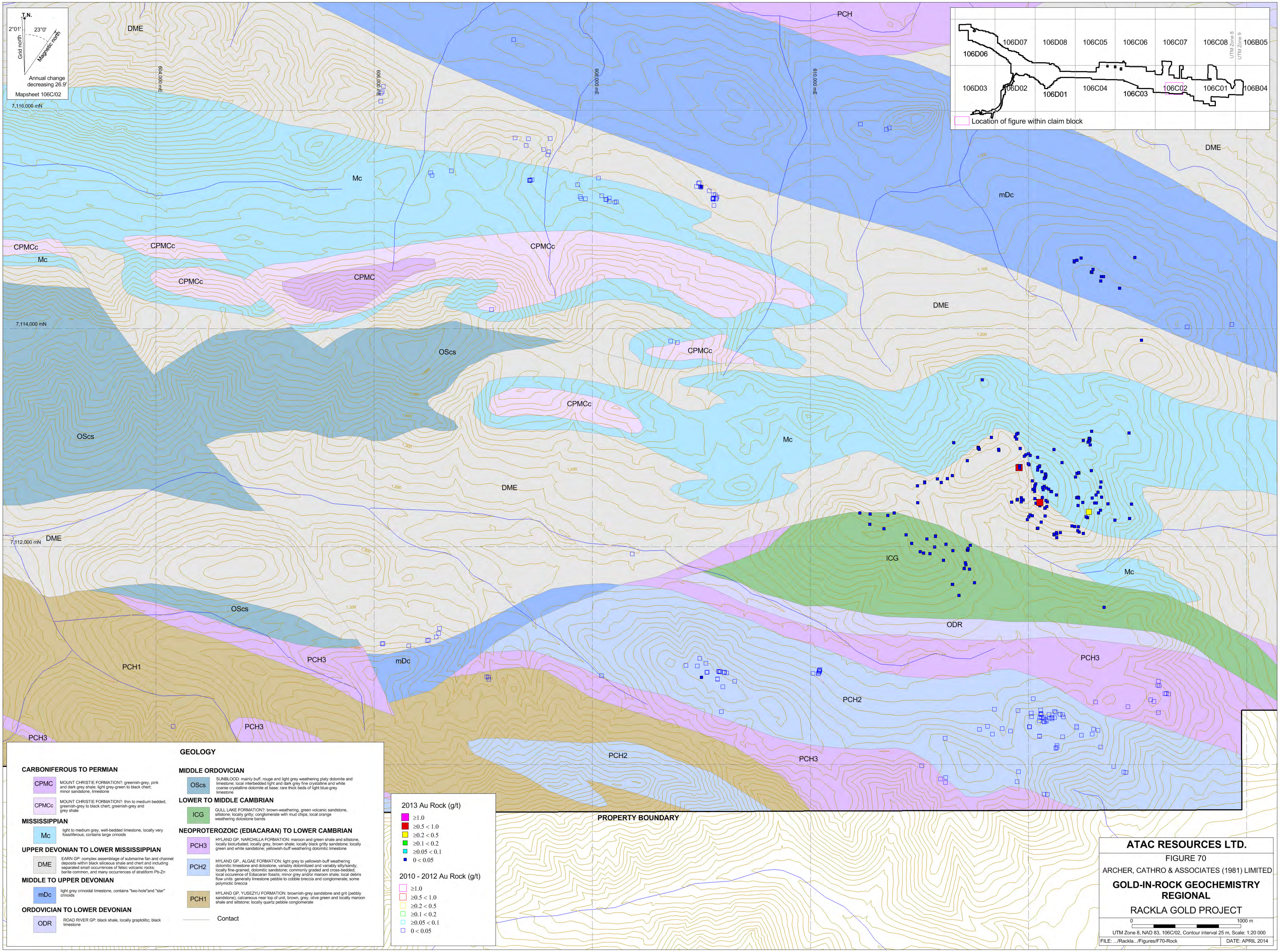
ZODIAC DISCOVERY AREA
INSET 1
ANUBIS FAULT
1.03
50 m
DORADO DISCOVERY AREA
INSET 2
3.98
4.64
1.06
3.54
1.25
1.24
2.62
1.02
1.09
1.33
1.97
1.86
1.74
1.29
1.03
1.54
1.07
2.63
10 m
106D07
106D08
106C05
106C06
106C07
106C08
106B05
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04
Location of figure within claim block
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
LYRA
ZODIAC
DORADO
COLUMBA
DRACO
ANA
HYDRA
ANUBIS
CORONA
DALE
NORTHERN FAULT
ANUBIS FAULT
OSc
DMs
mDc
COs
Pc
Mc
7,114,000 mN
7,112,000 mN
PROPERTY BOUNDARY
GEOLOGY
Mississippian
Limestone
Devonian to Mississippian
Argillite
Devonian
Limestone
Ordovician to Silurian
Argillite and limestone
Precambrian
Undifferentiated sediments and carbonate
Limestone
Map boundary 2013
Contact (known/inferred)
Fault
2013 Au Rock (g/t)
≥1.0
≥0.5 < 1.0
≥0.2 < 0.5
≥0.1 < 0.2
≥0.05 < 0.1
0 < 0.05
2010 - 2012 Au Rock (g/t)
≥1.0
≥0.5 < 1.0
≥0.2 < 0.5
≥0.1 < 0.2
≥0.05 < 0.1
0 < 0.05
Discovery Area
ATAC RESOURCES LTD.
FIGURE 66
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
GOLD-IN-ROCK GEOCHEMISTRY
ANUBIS AREA
RACKLA GOLD PROJECT
UTM Zone 8, NAD 83, 106C/02, Contour interval 25 m, Scale: 1:15 000
FILE: .../Rackla.../Figures/F66-Rock_Au.wor
DATE: APRIL 2014

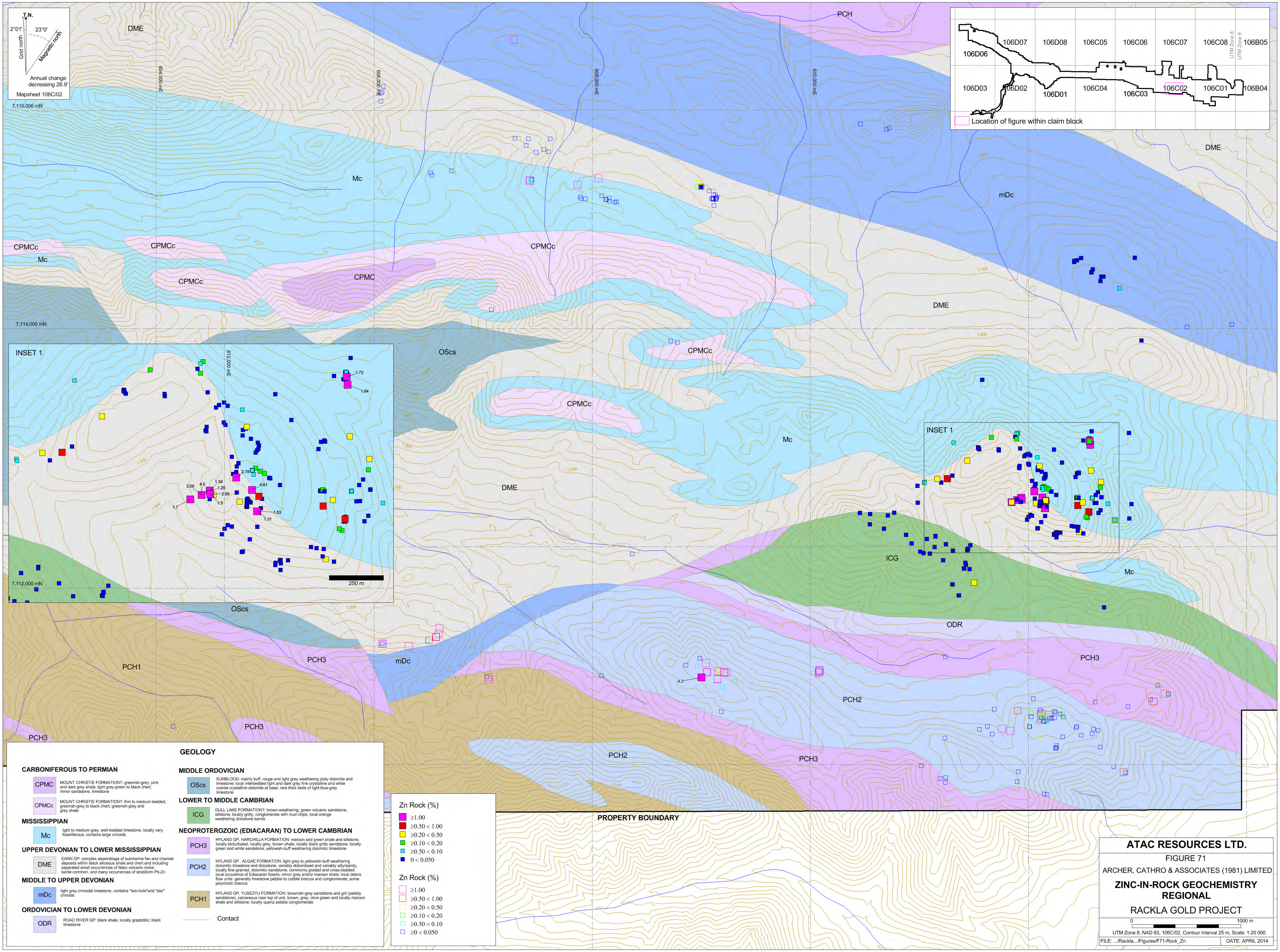

ZODIAC DISCOVERY AREA
INSET 1
ANUBIS FAULT
100 m
LYRA DISCOVERY AREA
INSET 2
20 m
INSET 3
60 m
Location of figure within claim block
106D07
106D08
106C05
106C06
106C07
106C08
106B05
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04
LYRA
ZODIAC
DORADO
COLUMBA
DRACO
ANA
HYDRA
ANUBIS
CORONA
DALE
NORTHERN FAULT
ANUBIS FAULT
PROPERTY BOUNDARY
7,114,000 mN
7,112,000 mN
GEOLOGY
Mississippian
Mc Limestone
Devonian to Mississippian
DMs Argillite
Devonian
mDc Limestone
Ordovician to Silurian
OSc Argillite and limestone
Precambrian
Undifferentiated sediments and carbonate
Limestone
Map boundary 2013
Contact (known/inferred)
Fault
2013 Ag Rock (g/t)
≥50
≥20 < 50
≥10 < 20
≥5 < 10
≥2 < 5
0 < 2
2010-2012 Ag Rock (g/t)
≥50
≥20 < 50
≥10 < 20
≥5 < 10
≥2 < 5
0 < 2
Discovery Area
ATAC RESOURCES LTD.
FIGURE 67
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SILVER-IN-ROCK GEOCHEMISTRY
ANUBIS AREA
RACKLA GOLD PROJECT
UTM Zone 8, NAD 83, 106C/02, Contour interval 25 m, Scale: 1:15 000
FILE: .../Rackla.../Figures/F67-Rock_Ag.wor
DATE: APRIL 2014

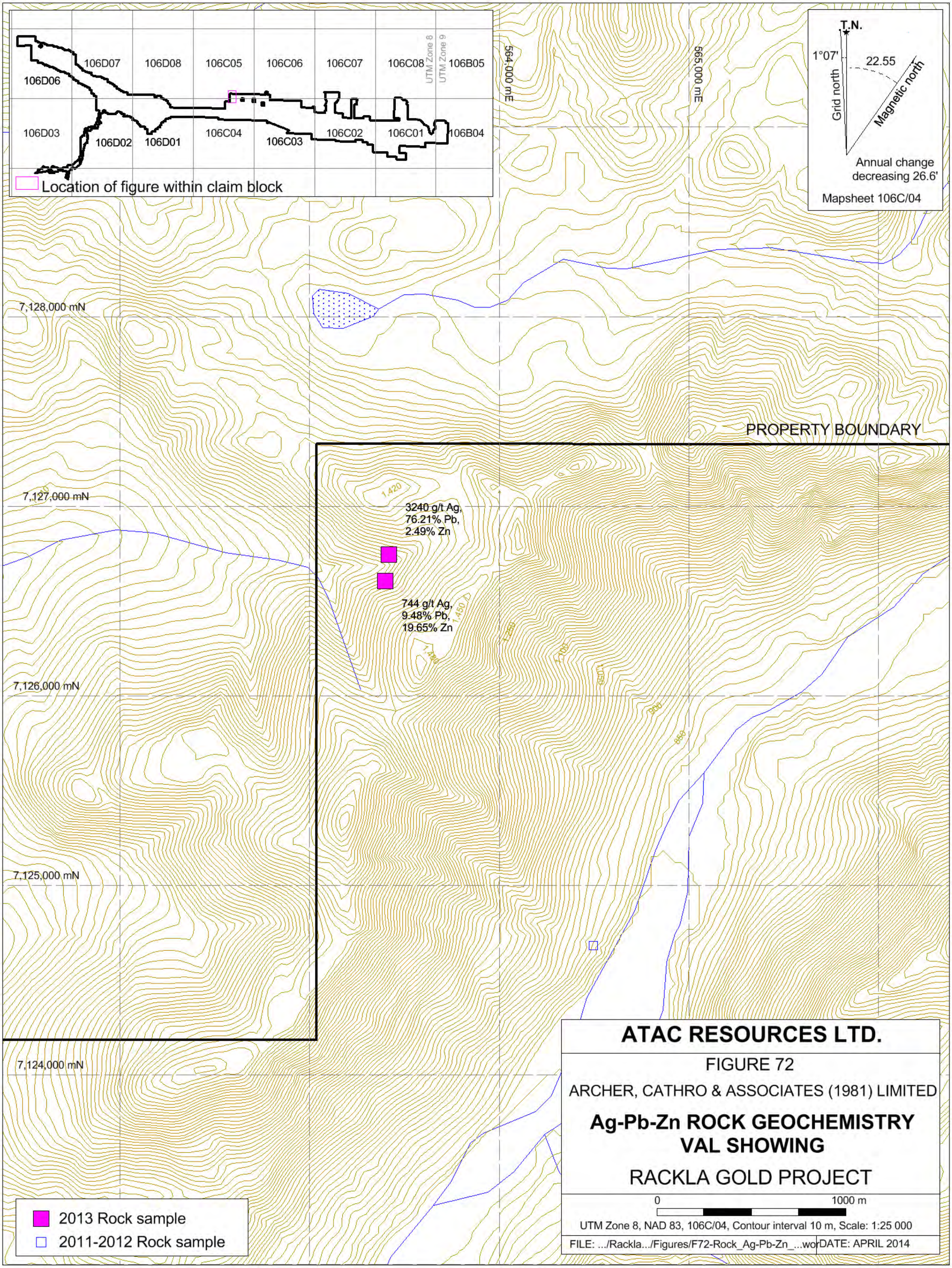

ZODIAC DISCOVERY AREA
INSET 1
ANUBIS FAULT
615,600 mE
615,800 mE
7,114,400 mN
100 m
LYRA DISCOVERY AREA
INSET 2
50 m
T.N.
Grid north
Magnetic north
2°01'
23°0'
Annual change decreasing 26.9'
Mapsheet 106C/02
106D07
106D08
106C05
106C06
106C07
106C08
106B05
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04
UTM Zone 8
UTM Zone 9
Location of figure within claim block
618,000 mE
LYRA
INSET 2
INSET 1
ZODIAC
DORADO
COLUMBA
ANUBIS FAULT
NORTHERN FAULT
DRACO
ANA
HYDRA
ANUBIS
CORONA
DALE
OSc
DMs
COs
Pc
mDc
Mc
7,114,000 mN
7,112,000 mN
PROPERTY BOUNDARY
GEOLOGY
Mississippian
Mc Limestone
Devonian to Mississippian
DME Argillite
Devonian
mDc Limestone
Ordovician to Silurian
OSc Argillite and limestone
Precambrian
Undifferentiated sediments and carbonate
O-LST Limestone
Map boundary 2013
Contact (known/inferred)
Fault
2013 Pb Rock (%)
≥1.0
≥0.5 < 1.0
≥0.2 < 0.5
≥0.1 < 0.2
≥0.05 < 0.1
0 < 0.5
2010-2012 Pb Rock (%)
≥1.0
≥0.5 < 1.0
≥0.2 < 0.5
≥0.1 < 0.2
≥0.05 < 0.1
0 < 0.5
Discovery Area
ATAC RESOURCES LTD.
FIGURE 68
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LEAD-IN-ROCK GEOCHEMISTRY
ANUBIS AREA
RACKLA GOLD PROJECT
0
100 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 25 m, Scale: 1:15 000
FILE: .../Rackla.../Figures/F68-Rock_Pb.wor
DATE: APRIL 2014

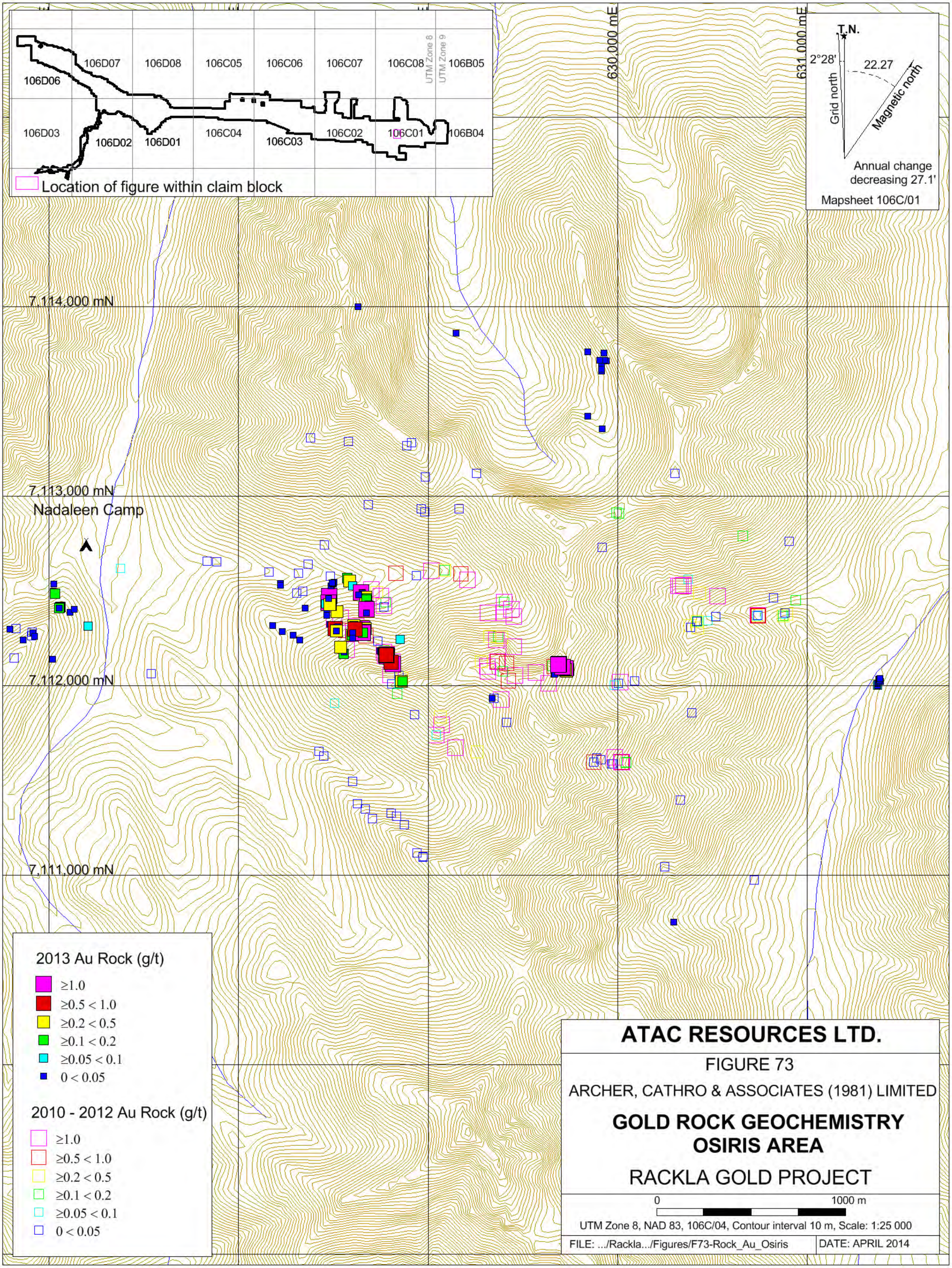


ZODIAC DISCOVERY AREA
INSET 1
ANUBIS FAULT
100 m
LYRA DISCOVERY AREA
INSET 2
50 m
INSET 3
100 m
Mapsheet 106C/02
Annual change decreasing 26.9'
Grid north
Magnetic north
106D07
106D08
106C05
106C06
106C07
106C08
106B05
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04
Location of figure within claim block
LYRA
INSET 2
ZODIAC
DORADO
COLUMBA
DRACO
ANA
HYDRA
INSET 3
ANUBIS
CORONA
DALE
NORTHERN FAULT
ANUBIS FAULT
OSc
DMs
mDc
COs
Pc
Mc
7,114,000 mN
616,000 mE
618,000 mE
PROPERTY BOUNDARY
GEOLOGY
Mississippian
Limestone
Devonian to Mississippian
Argillite
Devonian
Limestone
Ordovician to Silurian
Argillite and limestone
Precambrian
Undifferentiated sediments and carbonate
Limestone
Map boundary 2013
Contact (known/inferred)
Fault
2013 Zn Rock (%)
≥1.00
≥0.50 < 1.00
≥0.20 < 0.50
≥0.10 < 0.20
≥0.50 < 0.10
0 < 0.050
2010-2012 Zn Rock (%)
≥1.00
≥0.50 < 1.00
≥0.20 < 0.50
≥0.10 < 0.20
≥0.50 < 0.10
≥0 < 0.050
Discovery Area
ATAC RESOURCES LTD.
FIGURE 69
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ZINC-IN-ROCK GEOCHEMISTRY
ANUBIS AREA
RACKLA GOLD PROJECT
UTM Zone 8, NAD 83, 106C/02. Contour interval 25 m, Scale: 1:15 000
FILE: .../Rackla.../Figures/F69-Rock_Zn.wor
DATE: APRIL 2014


T.N.
2°01'
23°0'
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
604,000 mE
606,000 mE
608,000 mE
610,000 mE
7,116,000 mN
7,114,000 mN
7,112,000 mN
106D07
106D08
106C05
106C06
106C07
106C08
106B05
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04
UTM Zone 8
UTM Zone 9
Location of figure within claim block
DME
PCH
Mc
mDc
CPMCc
CPMC
OScs
ICG
ODR
PCH1
PCH2
PCH3
PROPERTY BOUNDARY
GEOLOGY
CARBONIFEROUS TO PERMIAN
CPMC MOUNT CHRISTIE FORMATION?: greenish-grey, pink and dark grey shale; light grey-green to black chert; minor sandstone, limestone
CPMCc MOUNT CHRISTIE FORMATION?: thin to medium bedded, greenish-grey to black chert; greenish-grey and grey shale
MISSISSIPPIAN
Mc light to medium grey, well-bedded limestone, locally very fossiliferous; contains large crinoids
UPPER DEVONIAN TO LOWER MISSISSIPPIAN
DME EARN GP: complex assemblage of submarine fan and channel deposits within black siliceous shale and chert and including separated small occurrences of felsic volcanic rocks; barite common, and many occurrences of stratiform Pb-Zn
MIDDLE TO UPPER DEVONIAN
mDc light grey crinoidal limestone, contains "two-hole"and "star" crinoids
ORDOVICIAN TO LOWER DEVONIAN
ODR ROAD RIVER GP: black shale, locally graptolitic; black limestone
MIDDLE ORDOVICIAN
OScs SUNBLOOD: mainly buff, rouge and light grey weathering platy dolomite and limestone; local interbedded light and dark grey fine crystalline and white coarse crystalline dolomite at base; rare thick beds of light blue-grey limestone
LOWER TO MIDDLE CAMBRIAN
ICG GULL LAKE FORMATION?: brown-weathering, green volcanic sandstone, siltstone; locally gritty; conglomerate with mud chips; local orange weathering dolostone bands
NEOPROTEROZOIC (EDIACARAN) TO LOWER CAMBRIAN
PCH3 HYLAND GP, NARCHILLA FORMATION: maroon and green shale and siltstone, locally bioturbated; locally grey, brown shale; locally black gritty sandstone; locally green and white sandstone; yellowish-buff weathering dolomitic limestone
PCH2 HYLAND GP., ALGAE FORMATION: light grey to yellowish-buff weathering dolomitic limestone and dolostone, variably dolomitized and variably silty/sandy; locally fine-grained, dolomitic sandstone; commonly graded and cross-bedded; local occurence of Ediacaran fossils; minor grey and/or maroon shale; local debris flow units: generally limestone pebble to cobble breccia and conglomerate; some polymictic breccia
PCH1 HYLAND GP, YUSEZYU FORMATION: brownish-grey sandstone and grit (pebbly sandstone), calcareous near top of unit, brown, grey, olive green and locally maroon shale and siltstone; locally quartz pebble conglomerate
Contact
2013 Au Rock (g/t)
≥1.0
≥0.5 < 1.0
≥0.2 < 0.5
≥0.1 < 0.2
≥0.05 < 0.1
0 < 0.05
2010 - 2012 Au Rock (g/t)
≥1.0
≥0.5 < 1.0
≥0.2 < 0.5
≥0.1 < 0.2
≥0.05 < 0.1
0 < 0.05
ATAC RESOURCES LTD.
FIGURE 70
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
GOLD-IN-ROCK GEOCHEMISTRY REGIONAL
RACKLA GOLD PROJECT
0
1000 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 25 m, Scale: 1:20 000
FILE: .../Rackla.../Figures/F70-Rock
DATE: APRIL 2014


T.N.
2°01'
23°0'
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
604,000 mE
606,000 mE
608,000 mE
610,000 mE
612,000 mE
7,116,000 mN
7,114,000 mN
7,112,000 mN
106D07
106D08
106C05
106C06
106C07
106C08
106B05
106D06
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04
UTM Zone 8
UTM Zone 9
Location of figure within claim block
DME
PCH
Mc
mDc
CPMCc
CPMC
OScs
ICG
ODR
PCH1
PCH2
PCH3
INSET 1
250 m
PROPERTY BOUNDARY
GEOLOGY
CARBONIFEROUS TO PERMIAN
CPMC MOUNT CHRISTIE FORMATION?: greenish-grey, pink and dark grey shale; light grey-green to black chert; minor sandstone, limestone
CPMCc MOUNT CHRISTIE FORMATION?: thin to medium bedded, greenish-grey to black chert; greenish-grey and grey shale
MISSISSIPPIAN
Mc light to medium grey, well-bedded limestone, locally very fossiliferous; contains large crinoids
UPPER DEVONIAN TO LOWER MISSISSIPPIAN
DME EARN GP: complex assemblage of submarine fan and channel deposits within black siliceous shale and chert and including separated small occurrences of felsic volcanic rocks; barite common, and many occurrences of stratiform Pb-Zn
MIDDLE TO UPPER DEVONIAN
mDc light grey crinoidal limestone, contains "two-hole"and "star" crinoids
ORDOVICIAN TO LOWER DEVONIAN
ODR ROAD RIVER GP: black shale, locally graptolitic; black limestone
MIDDLE ORDOVICIAN
OScs SUNBLOOD: mainly buff, rouge and light grey weathering platy dolomite and limestone; local interbedded light and dark grey fine crystalline and white coarse crystalline dolomite at base; rare thick beds of light blue-grey limestone
LOWER TO MIDDLE CAMBRIAN
ICG GULL LAKE FORMATION?: brown-weathering, green volcanic sandstone, siltstone; locally gritty; conglomerate with mud chips; local orange weathering dolostone bands
NEOPROTEROZOIC (EDIACARAN) TO LOWER CAMBRIAN
PCH3 HYLAND GP, NARCHILLA FORMATION: maroon and green shale and siltstone, locally bioturbated; locally grey, brown shale; locally black gritty sandstone; locally green and white sandstone; yellowish-buff weathering dolomitic limestone
PCH2 HYLAND GP., ALGAE FORMATION: light grey to yellowish-buff weathering dolomitic limestone and dolostone, variably dolomitized and variably silty/sandy; locally fine-grained, dolomitic sandstone; commonly graded and cross-bedded; local occurence of Ediacaran fossils; minor grey and/or maroon shale; local debris flow units: generally limestone pebble to cobble breccia and conglomerate; some polymictic breccia
PCH1 HYLAND GP, YUSEZYU FORMATION: brownish-grey sandstone and grit (pebbly sandstone), calcareous near top of unit, brown, grey, olive green and locally maroon shale and siltstone; locally quartz pebble conglomerate
Contact
Zn Rock (%)
≥1.00
≥0.50 < 1.00
≥0.20 < 0.50
≥0.10 < 0.20
≥0.50 < 0.10
0 < 0.050
Zn Rock (%)
≥1.00
≥0.50 < 1.00
≥0.20 < 0.50
≥0.10 < 0.20
≥0.50 < 0.10
≥0 < 0.050
ATAC RESOURCES LTD.
FIGURE 71
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ZINC-IN-ROCK GEOCHEMISTRY
REGIONAL
RACKLA GOLD PROJECT
0
1000 m
UTM Zone 8, NAD 83, 106C/02, Contour interval 25 m, Scale: 1:20 000
FILE: .../Rackla.../Figures/F71-Rock_Zn
DATE: APRIL 2014


106D07
106D08
106C05
106C06
106C07
106C08
106B05
106D06
UTM Zone 8
UTM Zone 9
106D03
106D02
106D01
106C04
106C03
106C02
106C01
106B04
Location of figure within claim block
564,000 mE
565,000 mE
T.N.
1°07'
22.55
Grid north
Magnetic north
Annual change decreasing 26.6'
Mapsheet 106C/04
7,128,000 mN
7,127,000 mN
7,126,000 mN
7,125,000 mN
7,124,000 mN
PROPERTY BOUNDARY
1,420
3240 g/t Ag,
76.21% Pb,
2.49% Zn
744 g/t Ag,
9.48% Pb,
19.65% Zn
1,450
1,400
1,250
1,100
1,050
900
850
2013 Rock sample
2011-2012 Rock sample
ATAC RESOURCES LTD.
FIGURE 72
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
Ag-Pb-Zn ROCK GEOCHEMISTRY
VAL SHOWING
RACKLA GOLD PROJECT
0
1000 m
UTM Zone 8, NAD 83, 106C/04, Contour interval 10 m, Scale: 1:25 000
FILE: .../Rackla.../Figures/F72-Rock_Ag-Pb-Zn_...wor
DATE: APRIL 2014



ATAC RESOURCES LTD.

FIGURE 73

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

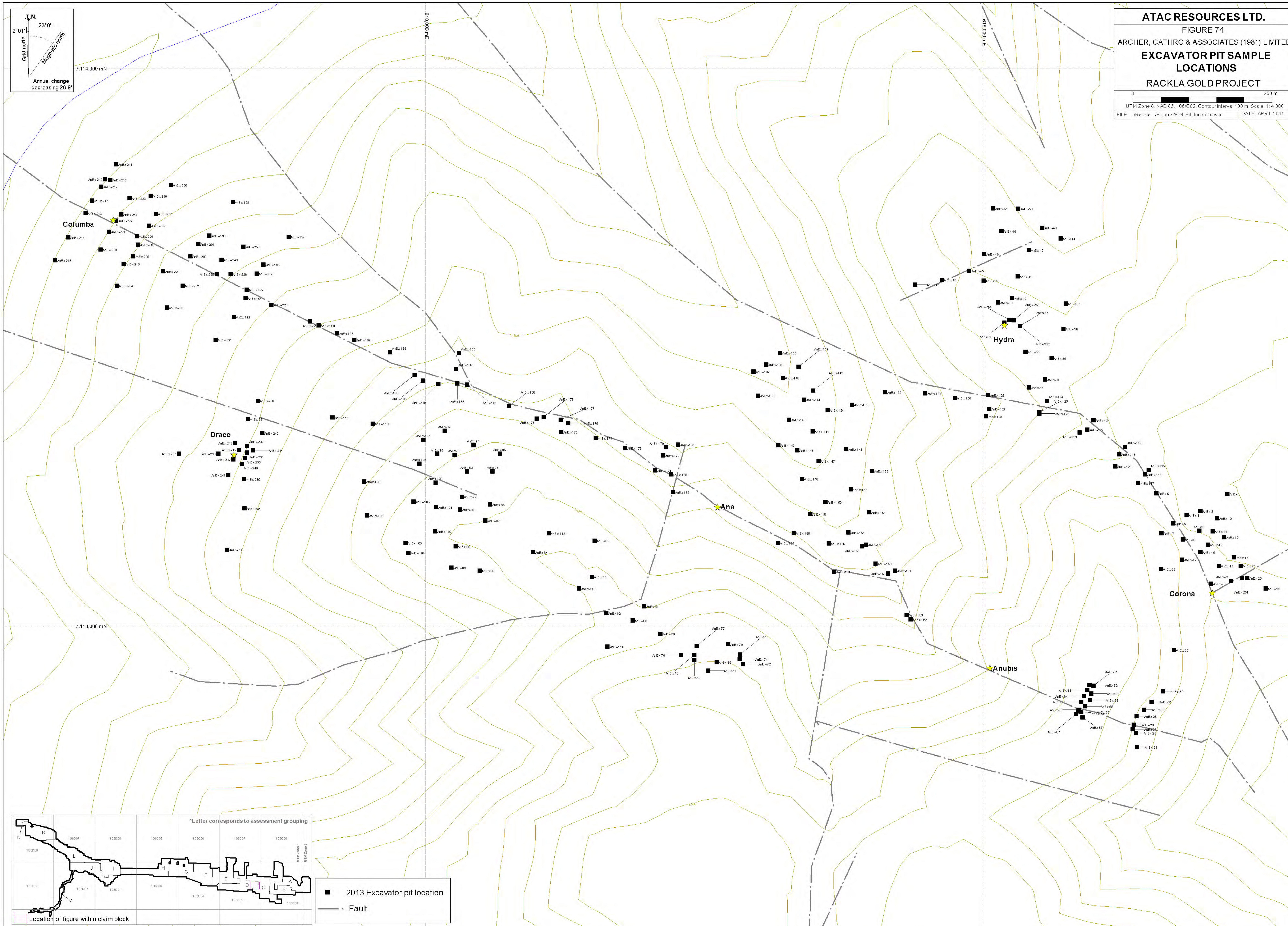
GOLD ROCK GEOCHEMISTRY OSIRIS AREA

RACKLA GOLD PROJECT

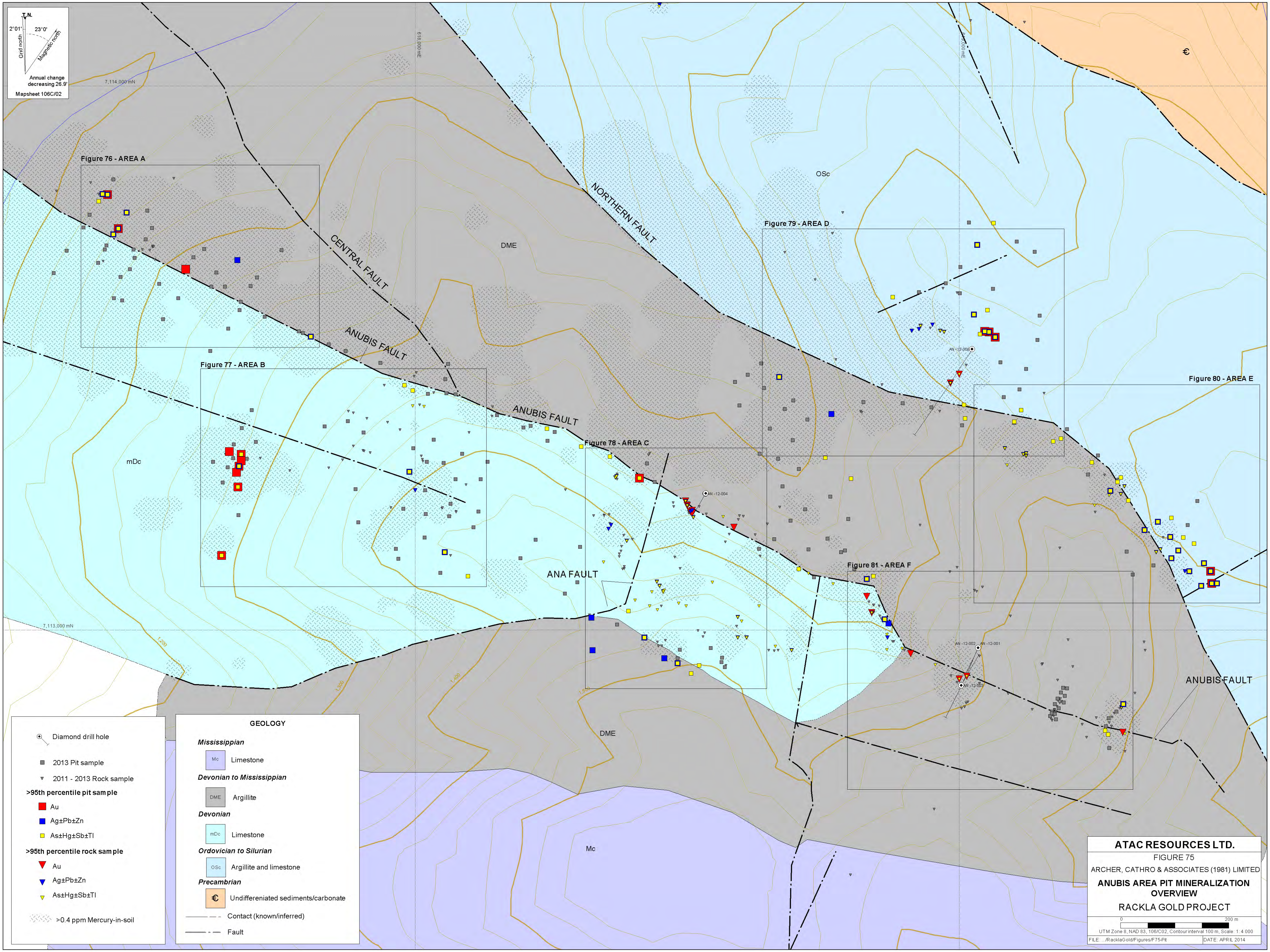
0 1000 m

UTM Zone 8, NAD 83, 106C/04, Contour interval 10 m, Scale: 1:25 000

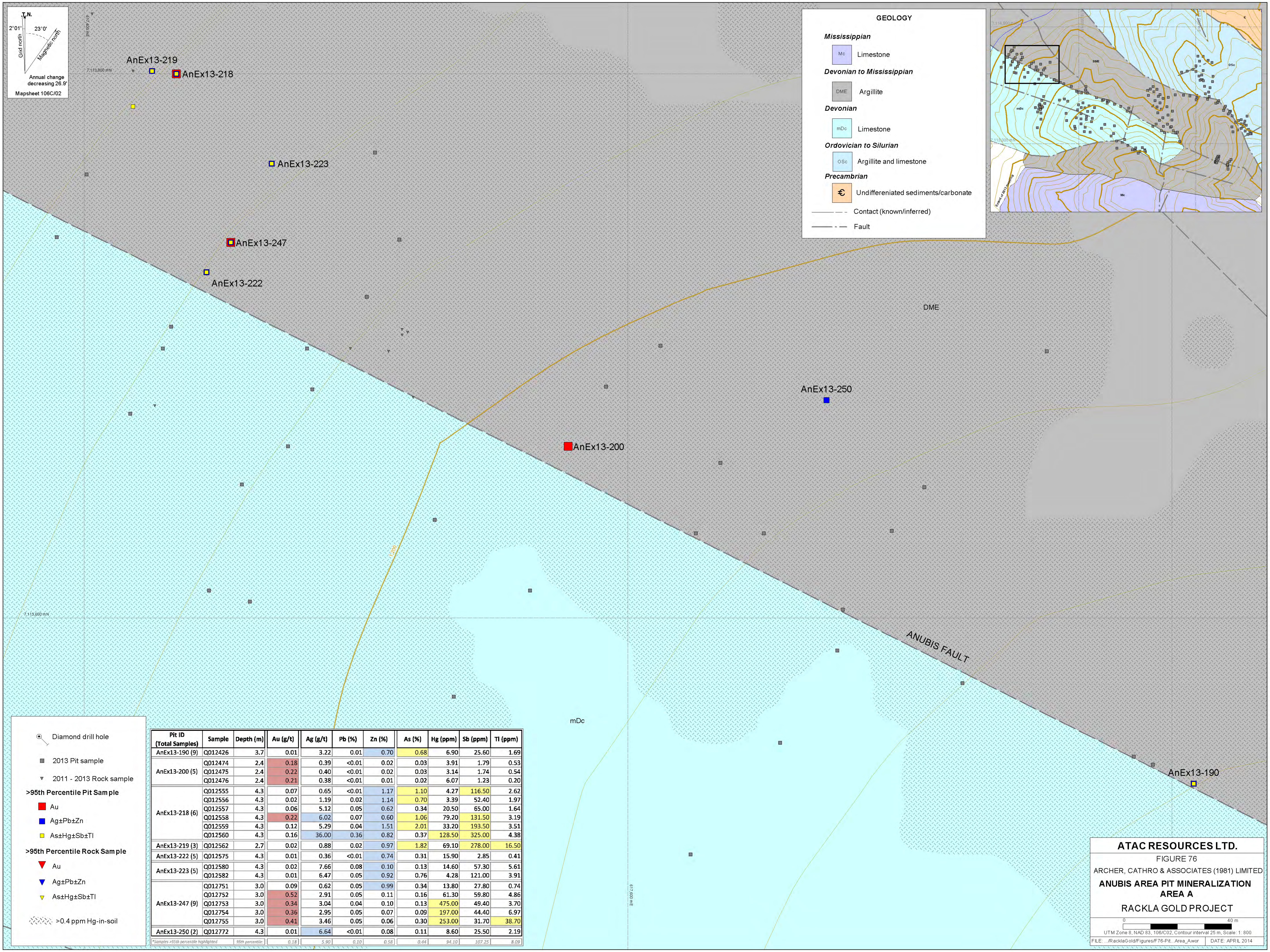
FILE: .../Rackla.../Figures/F73-Rock_Au_Osiris | DATE: APRIL 2014



ATAC RESOURCES LTD.
FIGURE 74
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
EXCAVATOR PIT SAMPLE LOCATIONS
RACKLA GOLD PROJECT
0
250 m
UTM Zone 8, NAD 83, 106/C02, Contour interval 100 m, Scale: 1: 4 000
FILE: .../Rackla.../Figures/F74-Pit_locations.wor
DATE: APRIL 2014
T.N.
23°0'
2°01'
Grid north
Magnetic north
Annual change decreasing 26.9'
7,114,000 mN
7,113,000 mN
618,000 mE
619,000 mE
Columba
Draco
Ana
Hydra
Corona
Anubis
*Letter corresponds to assessment grouping
Location of figure within claim block
2013 Excavator pit location
Fault



T.N.
Grid north
Magnetic north
2°01'
23°0'
Annual change decreasing 26.9'
Mapsheet 106C/02
7,114,000 mN
7,113,000 mN
618,000 mE
Figure 76 - AREA A
Figure 77 - AREA B
Figure 78 - AREA C
Figure 79 - AREA D
Figure 80 - AREA E
Figure 81 - AREA F
CENTRAL FAULT
NORTHERN FAULT
ANUBIS FAULT
ANA FAULT
DME
OSc
mDc
Mc
€
AN-12-004
AN-12-002
AN-12-001
AN-12-003
Diamond drill hole
2013 Pit sample
2011 - 2013 Rock sample
>95th percentile pit sample
Au
Ag±Pb±Zn
As±Hg±Sb±Tl
>95th percentile rock sample
Au
Ag±Pb±Zn
As±Hg±Sb±Tl
>0.4 ppm Mercury-in-soil
GEOLOGY
Mississippian
Mc Limestone
Devonian to Mississippian
DME Argillite
Devonian
mDc Limestone
Ordovician to Silurian
OSc Argillite and limestone
Precambrian
€ Undifferentiated sediments/carbonate
Contact (known/inferred)
Fault
ATAC RESOURCES LTD.
FIGURE 75
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANUBIS AREA PIT MINERALIZATION OVERVIEW
RACKLA GOLD PROJECT
0
200 m
UTM Zone 8, NAD 83, 106/C02, Contour interval 100 m, Scale: 1: 4 000
FILE: .../RacklaGold/Figures/F75-Pit
DATE: APRIL 2014



Pit ID (Total Samples)	Sample	Depth (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	As (%)	Hg (ppm)	Sb (ppm)	Tl (ppm)
AnEx13-190 (9)	Q012426	3.7	0.01	3.22	0.01	0.70	0.68	6.90	25.60	1.69
AnEx13-200 (5)	Q012474	2.4	0.18	0.39	<0.01	0.02	0.03	3.91	1.79	0.53
	Q012475	2.4	0.22	0.40	<0.01	0.02	0.03	3.14	1.74	0.54
	Q012476	2.4	0.21	0.38	<0.01	0.01	0.02	6.07	1.23	0.20
AnEx13-218 (6)	Q012555	4.3	0.07	0.65	<0.01	1.17	1.10	4.27	116.50	2.62
	Q012556	4.3	0.02	1.19	0.02	1.14	0.70	3.39	52.40	1.97
	Q012557	4.3	0.06	5.12	0.05	0.62	0.34	20.50	65.00	1.64
	Q012558	4.3	0.22	6.02	0.07	0.60	1.06	79.20	131.50	3.19
	Q012559	4.3	0.12	5.29	0.04	1.51	2.01	33.20	193.50	3.51
	Q012560	4.3	0.16	36.00	0.36	0.82	0.37	128.50	325.00	4.38
AnEx13-219 (3)	Q012562	2.7	0.02	0.88	0.02	0.97	1.82	69.10	278.00	16.50
AnEx13-222 (5)	Q012575	4.3	0.01	0.36	<0.01	0.74	0.31	15.90	2.85	0.41
AnEx13-223 (5)	Q012580	4.3	0.02	7.66	0.08	0.10	0.13	14.60	57.30	5.61
	Q012582	4.3	0.01	6.47	0.05	0.92	0.76	4.28	121.00	3.91
AnEx13-247 (9)	Q012751	3.0	0.09	0.62	0.05	0.99	0.34	13.80	27.80	0.74
	Q012752	3.0	0.52	2.91	0.05	0.11	0.16	61.30	59.80	4.86
	Q012753	3.0	0.34	3.04	0.04	0.10	0.13	475.00	49.40	3.70
	Q012754	3.0	0.36	2.95	0.05	0.07	0.09	197.00	44.40	6.97
	Q012755	3.0	0.41	3.46	0.05	0.06	0.30	253.00	31.70	38.70
AnEx13-250 (2)	Q012772	4.3	0.01	6.64	<0.01	0.08	0.11	8.60	25.50	2.19
*Samples >95th percentile highlighted		95th percentile:	0.18	5.90	0.10	0.58	0.44	94.10	107.25	8.09

ATAC RESOURCES LTD.

FIGURE 76

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

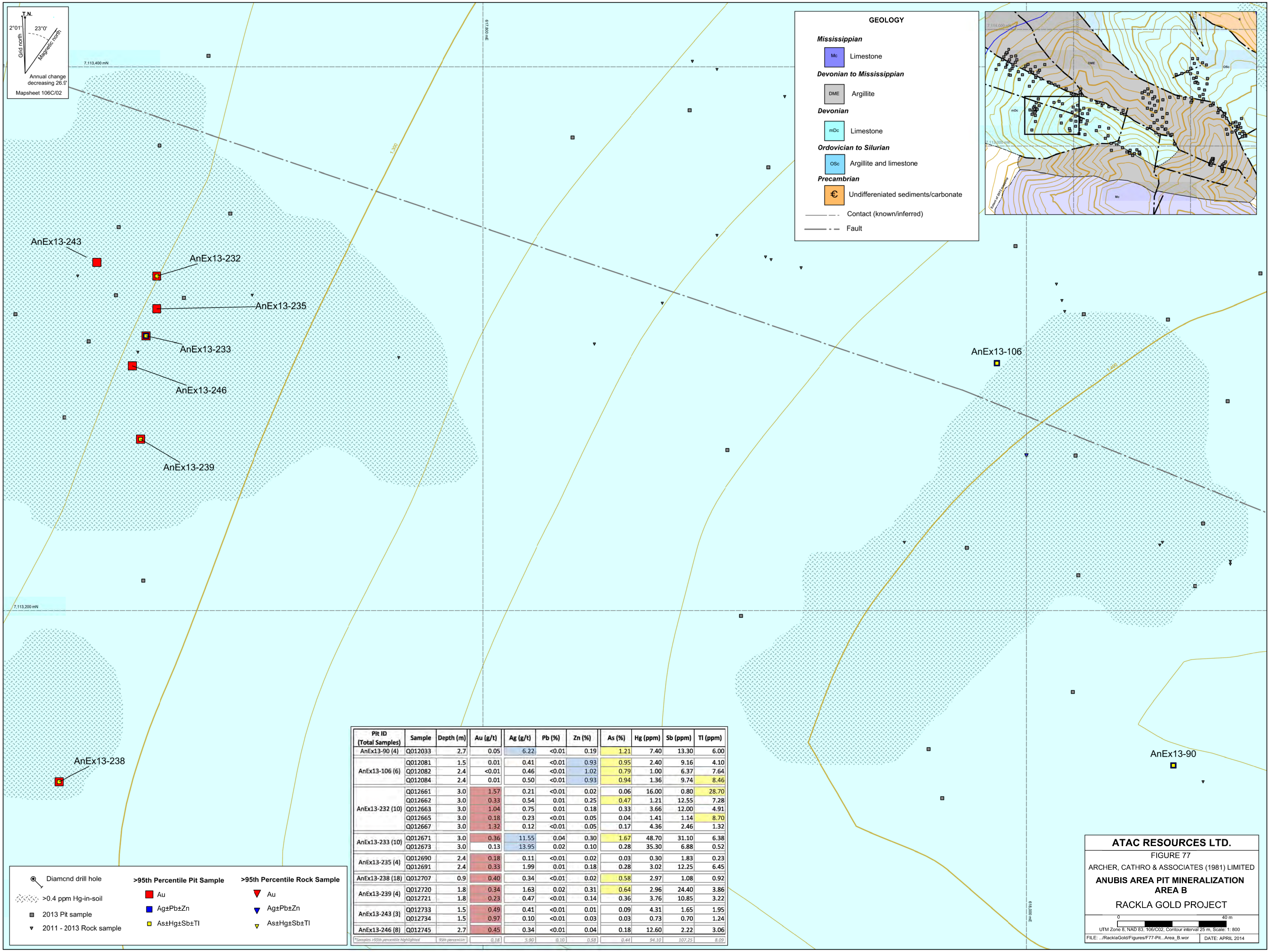
ANUBIS AREA PIT MINERALIZATION AREA A

RACKLA GOLD PROJECT

0 40 m

UTM Zone 8, NAD 83, 106/C02, Contour interval 25 m, Scale: 1: 800

FILE: .../RacklaGold/Figures/F76-Pit...Area_A.wor | DATE: APRIL 2014



Pit ID (Total Samples)	Sample	Depth (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	As (%)	Hg (ppm)	Sb (ppm)	Tl (ppm)
AnEx13-90 (4)	Q012033	2.7	0.05	6.22	<0.01	0.19	1.21	7.40	13.30	6.00
AnEx13-106 (6)	Q012081	1.5	0.01	0.41	<0.01	0.93	0.95	2.40	9.16	4.10
	Q012082	2.4	<0.01	0.46	<0.01	1.02	0.79	1.00	6.37	7.64
	Q012084	2.4	0.01	0.50	<0.01	0.93	0.94	1.36	9.74	8.46
AnEx13-232 (10)	Q012661	3.0	1.57	0.21	<0.01	0.02	0.06	16.00	0.80	28.70
	Q012662	3.0	0.33	0.54	0.01	0.25	0.47	1.21	12.55	7.28
	Q012663	3.0	1.04	0.75	0.01	0.18	0.33	3.66	12.00	4.91
	Q012665	3.0	0.18	0.23	<0.01	0.05	0.04	1.41	1.14	8.70
	Q012667	3.0	1.32	0.12	<0.01	0.05	0.17	4.36	2.46	1.32
AnEx13-233 (10)	Q012671	3.0	0.36	11.55	0.04	0.30	1.67	48.70	31.10	6.38
	Q012673	3.0	0.13	13.95	0.02	0.10	0.28	35.30	6.88	0.52
AnEx13-235 (4)	Q012690	2.4	0.18	0.11	<0.01	0.02	0.03	0.30	1.83	0.23
	Q012691	2.4	0.33	1.99	0.01	0.18	0.28	3.02	12.25	6.45
AnEx13-238 (18)	Q012707	0.9	0.40	0.34	<0.01	0.02	0.58	2.97	1.08	0.92
AnEx13-239 (4)	Q012720	1.8	0.34	1.63	0.02	0.31	0.64	2.96	24.40	3.86
	Q012721	1.8	0.23	0.47	<0.01	0.14	0.36	3.76	10.85	3.22
AnEx13-243 (3)	Q012733	1.5	0.49	0.41	<0.01	0.01	0.09	4.31	1.65	1.95
	Q012734	1.5	0.97	0.10	<0.01	0.03	0.03	0.73	0.70	1.24
AnEx13-246 (8)	Q012745	2.7	0.45	0.34	<0.01	0.04	0.18	12.60	2.22	3.06
*Samples >95th percentile highlighted		95th percentile:	0.18	5.90	0.10	0.58	0.44	94.10	107.25	8.09

ATAC RESOURCES LTD.

FIGURE 77

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ANUBIS AREA PIT MINERALIZATION AREA B

RACKLA GOLD PROJECT

0 40 m

UTM Zone 8, NAD 83, 106/C02, Contour interval 25 m, Scale: 1: 800

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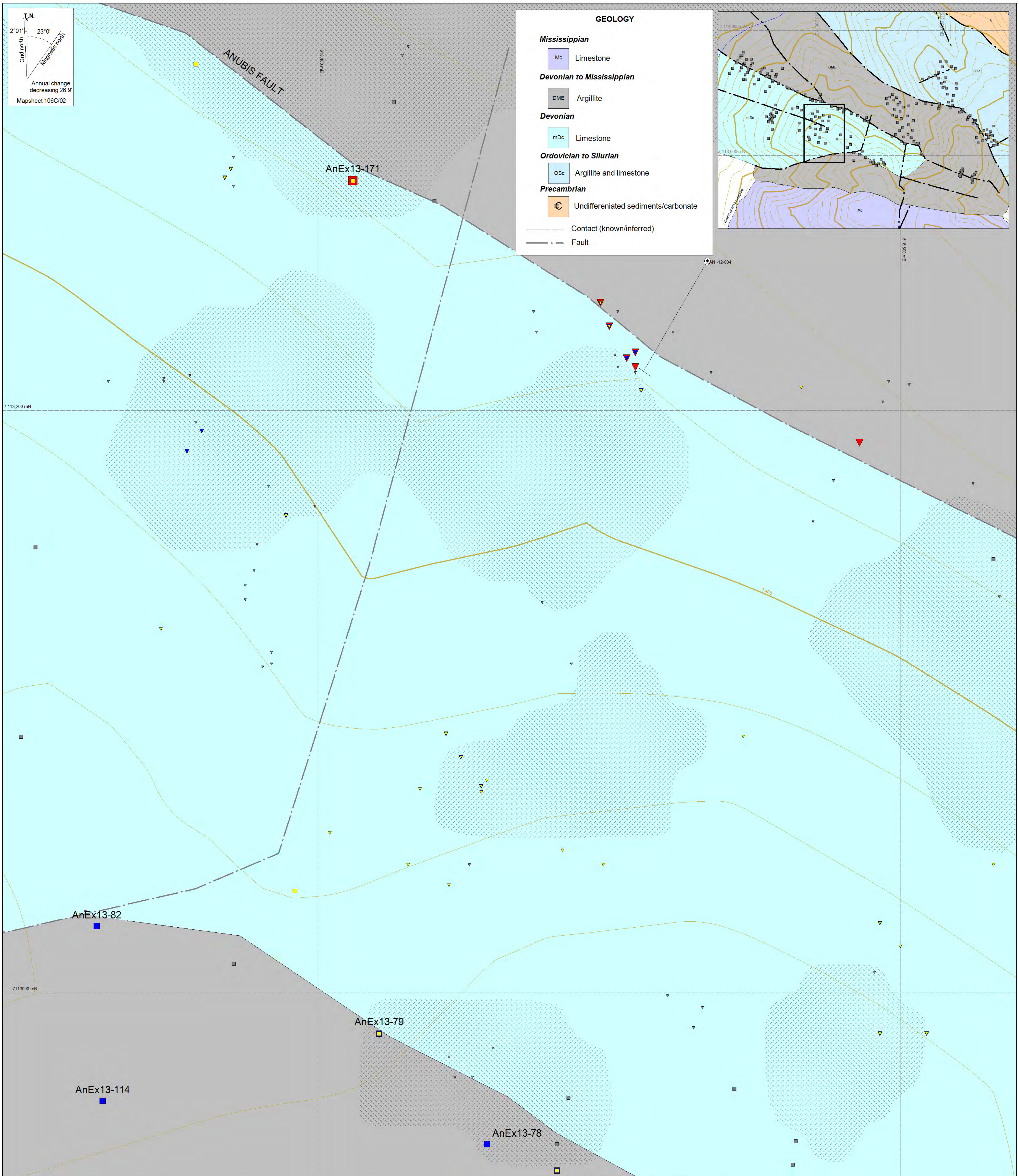

Pit ID (Total Samples)	Sample	Depth (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	As (%)	Hg (ppm)	Sb (ppm)	Tl (ppm)
AnEx13-76 (6)	Q013077	2.4	<0.01	14.20	<0.01	0.08	0.03	0.36	24.50	6.53
	Q013078	2.7	0.01	21.60	<0.01	0.05	0.01	0.58	21.00	10.70
	Q013079	3.0	<0.01	25.60	<0.01	0.07	0.02	0.72	29.60	10.60
	Q013080	3.0	<0.01	18.40	<0.01	0.07	0.01	0.45	21.10	6.93
	Q013081	3.7	<0.01	20.70	<0.01	0.10	0.01	0.55	15.45	9.19
AnEx13-78 (1)	Q013084	3.4	<0.01	10.05	<0.01	0.31	0.05	2.22	26.40	6.01
AnEx13-79 (6)	Q013085	4.0	0.03	18.00	<0.01	0.04	0.02	3.22	8.27	14.05
AnEx13-82 (4)	Q012002	2.4	0.04	6.84	<0.01	0.19	0.15	4.56	49.00	2.54
AnEx13-114 (3)	Q012119	3.7	0.01	7.66	<0.01	0.07	0.01	0.43	11.10	2.98
AnEx13-171 (8)	Q013322	2.4	0.22	0.76	<0.01	0.02	0.41	0.38	6.31	2.58
	Q013323	2.4	0.32	0.90	<0.01	0.03	0.41	0.40	6.62	3.34
	Q013324	2.4	0.43	0.80	<0.01	0.01	0.39	0.35	6.23	9.74
*Samples >95th percentile highlighted		95th percentile:	0.18	5.90	0.10	0.58	0.44	94.10	107.25	8.09

ATAC RESOURCES LTD.

FIGURE 78

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ANUBIS AREA PIT MINERALIZATION AREA C

RACKLA GOLD PROJECT

0 40 m

UTM Zone 8, NAD 83, 106/C02, Contour interval 25 m, Scale: 1: 800

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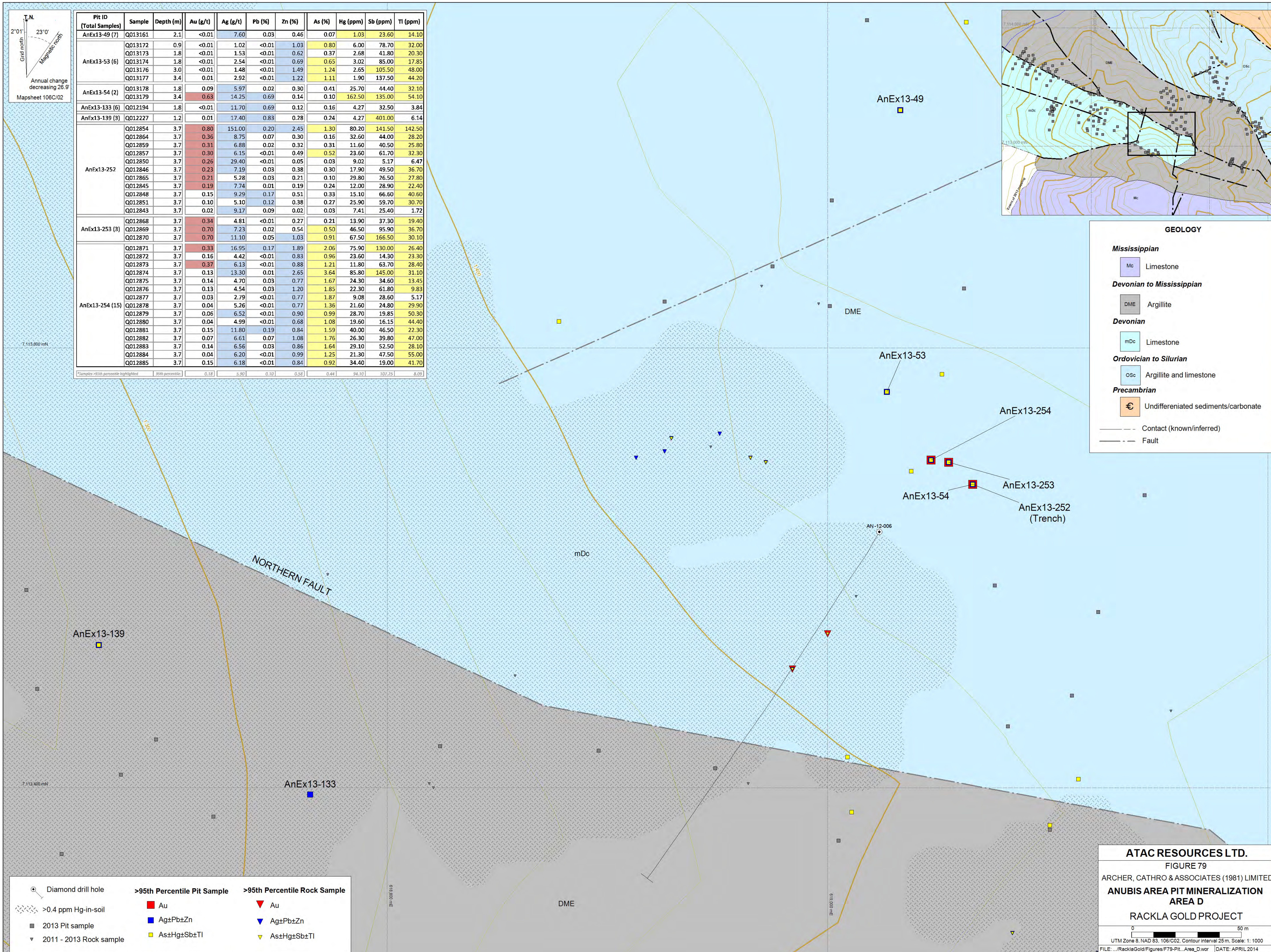
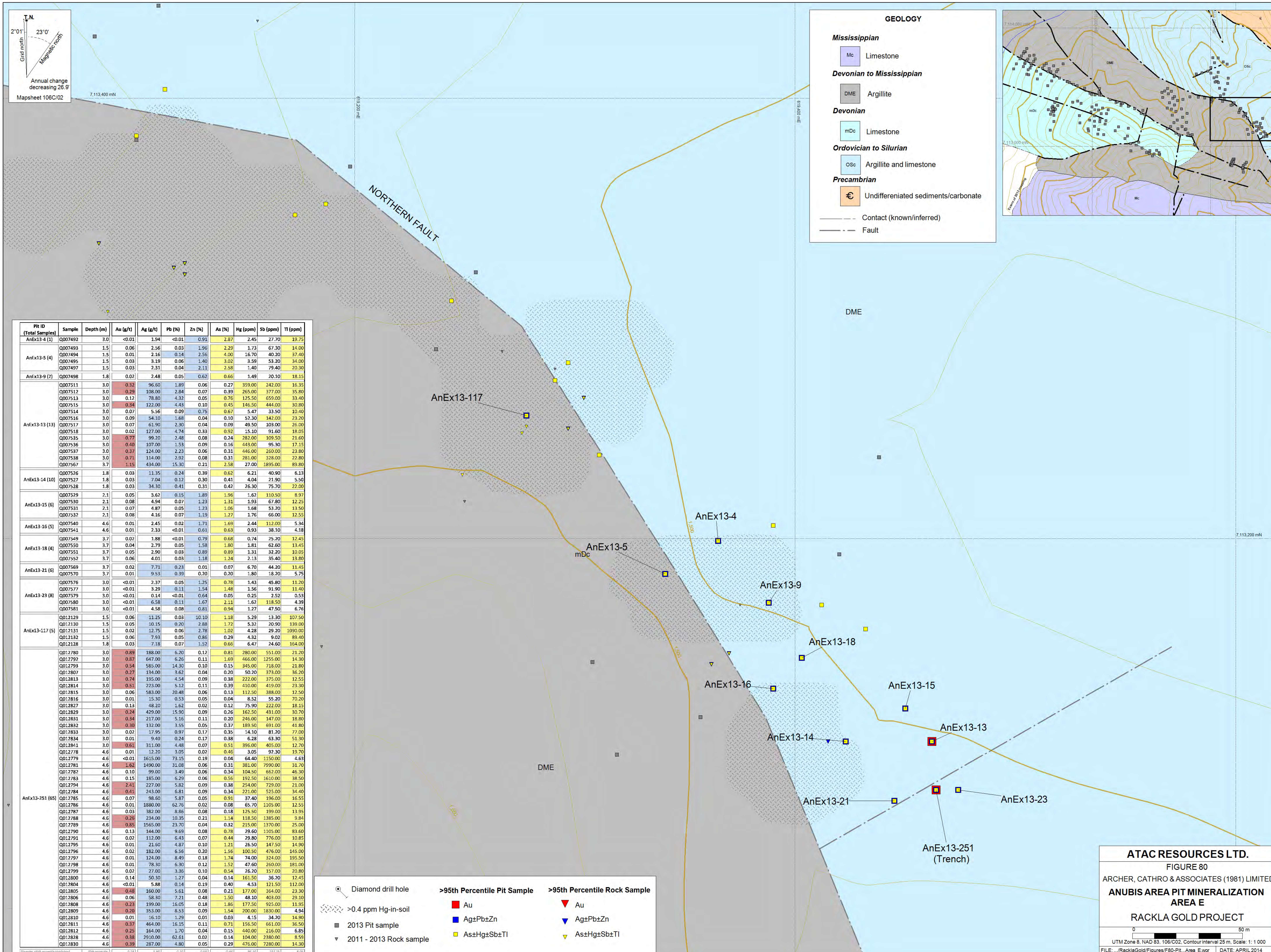
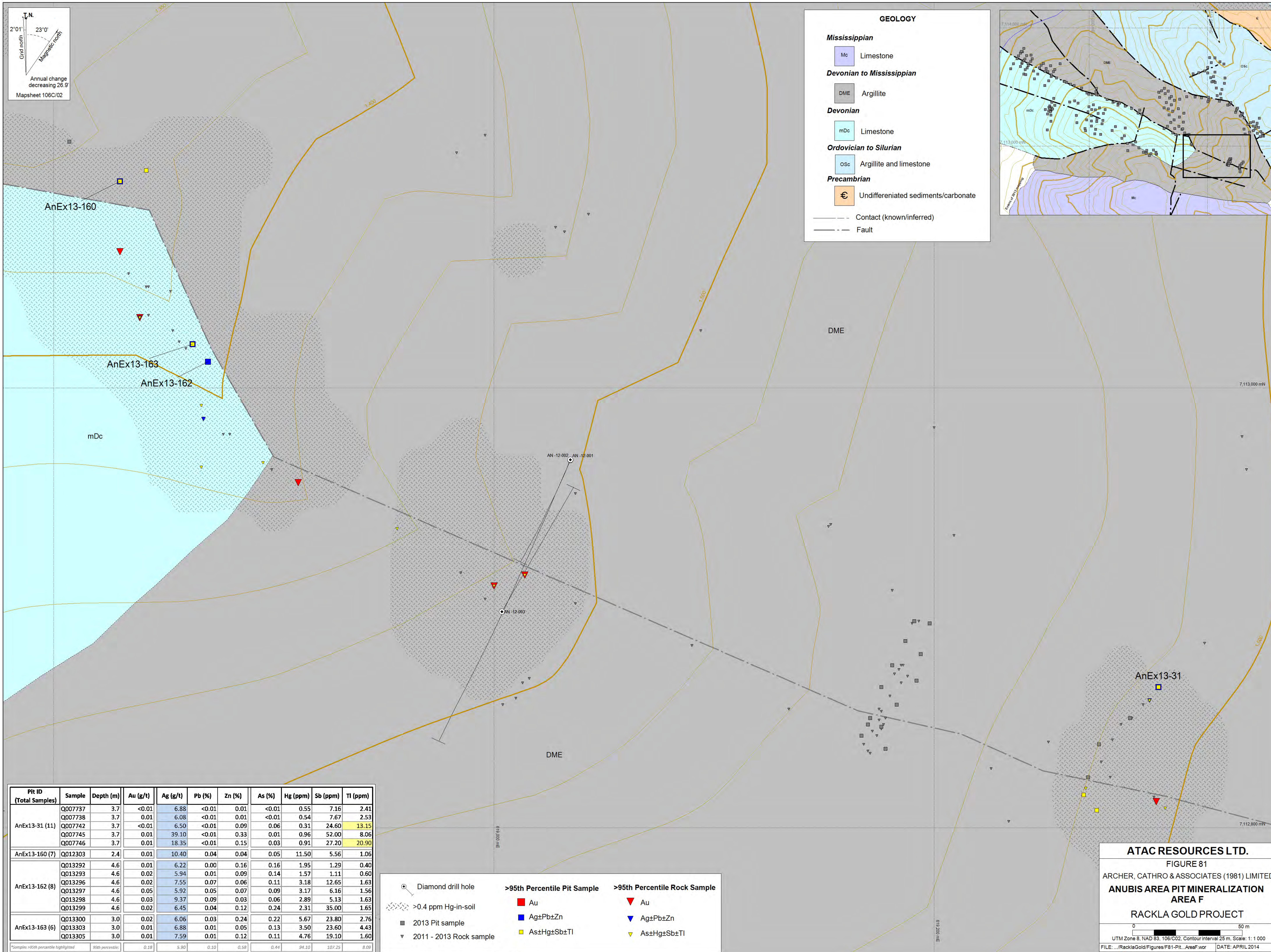
Pit ID (Total Samples)	Sample	Depth (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	As (%)	Hg (ppm)	Sb (ppm)	Tl (ppm)
AnEx13-49 (7)	Q013161	2.1	<0.01	7.60	0.03	0.46	0.07	1.03	23.60	14.10
AnEx13-53 (6)	Q013172	0.9	<0.01	1.02	<0.01	1.03	0.80	6.00	78.70	32.00
	Q013173	1.8	<0.01	1.53	<0.01	0.62	0.37	2.68	41.80	20.30
	Q013174	1.8	<0.01	2.54	<0.01	0.69	0.65	3.02	85.00	17.85
	Q013176	3.0	<0.01	1.48	<0.01	1.49	1.24	2.65	105.50	48.00
	Q013177	3.4	0.01	2.92	<0.01	1.22	1.11	1.90	137.50	44.20
AnEx13-54 (2)	Q013178	1.8	0.09	5.97	0.02	0.30	0.41	25.70	44.40	32.10
	Q013179	3.4	0.63	14.25	0.69	0.14	0.10	162.50	135.00	54.10
AnEx13-133 (6)	Q012194	1.8	<0.01	11.70	0.69	0.12	0.16	4.27	32.50	3.84
AnEx13-139 (3)	Q012227	1.2	0.01	17.40	0.83	0.28	0.24	4.27	401.00	6.14
AnEx13-252	Q012854	3.7	0.80	151.00	0.20	2.45	1.30	80.20	141.50	142.50
	Q012864	3.7	0.36	8.75	0.07	0.30	0.16	32.60	44.00	28.20
	Q012859	3.7	0.31	6.88	0.02	0.32	0.31	11.60	40.50	25.80
	Q012857	3.7	0.30	6.15	<0.01	0.49	0.52	23.60	61.70	32.30
	Q012850	3.7	0.26	29.40	<0.01	0.05	0.03	9.02	5.17	6.47
	Q012846	3.7	0.23	7.19	0.03	0.38	0.30	17.90	49.50	36.70
	Q012865	3.7	0.21	5.28	0.03	0.21	0.10	29.80	26.50	27.80
	Q012845	3.7	0.19	7.74	0.01	0.19	0.24	12.00	28.90	22.40
	Q012848	3.7	0.15	9.29	0.17	0.51	0.33	15.10	66.60	40.60
	Q012851	3.7	0.10	5.10	0.12	0.38	0.27	25.90	59.70	30.70
	Q012843	3.7	0.02	9.17	0.09	0.02	0.03	7.41	25.40	1.72
AnEx13-253 (3)	Q012868	3.7	0.34	4.81	<0.01	0.27	0.21	13.90	37.30	19.40
	Q012869	3.7	0.70	7.23	0.02	0.54	0.50	46.50	95.90	36.70
	Q012870	3.7	0.70	11.10	0.05	1.03	0.91	67.50	166.50	30.10
AnEx13-254 (15)	Q012871	3.7	0.33	16.95	0.17	1.89	2.06	75.90	130.00	26.40
	Q012872	3.7	0.16	4.42	<0.01	0.83	0.96	23.60	14.30	23.30
	Q012873	3.7	0.37	6.13	<0.01	0.88	1.21	11.80	63.70	28.40
	Q012874	3.7	0.13	13.30	0.01	2.65	3.64	85.80	145.00	31.10
	Q012875	3.7	0.14	4.70	0.03	0.77	1.67	24.30	34.60	13.45
	Q012876	3.7	0.13	4.54	0.03	1.20	1.85	22.30	61.80	9.83
	Q012877	3.7	0.03	2.79	<0.01	0.77	1.87	9.08	28.60	5.17
	Q012878	3.7	0.04	5.26	<0.01	0.77	1.36	21.60	24.80	29.90
	Q012879	3.7	0.06	6.52	<0.01	0.90	0.99	28.70	19.85	50.30
	Q012880	3.7	0.04	4.99	<0.01	0.68	1.08	19.60	16.15	44.40
	Q012881	3.7	0.15	11.80	0.19	0.84	1.59	40.00	46.50	22.30
	Q012882	3.7	0.07	6.61	0.07	1.08	1.76	26.30	39.80	47.00
	Q012883	3.7	0.14	6.56	0.03	0.86	1.64	29.10	52.50	28.10
	Q012884	3.7	0.04	6.20	<0.01	0.99	1.25	21.30	47.50	55.00
	Q012885	3.7	0.15	6.18	<0.01	0.84	0.92	34.40	19.00	41.70
*Samples >95th percentile highlighted		95th percentile:	0.18	5.90	0.10	0.58	0.44	94.10	107.25	8.09





Pit ID (Total Samples)	Sample	Depth (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	As (%)	Hg (ppm)	Sb (ppm)	Tl (ppm)
AnEx13-4 (1)	Q007492	3.0	<0.01	1.94	<0.01	0.91	2.87	2.45	27.70	19.75
AnEx13-5 (4)	Q007493	1.5	0.06	2.56	0.03	1.96	2.29	1.73	67.30	14.00
	Q007494	1.5	0.01	2.16	0.14	2.56	4.00	16.70	40.20	37.40
	Q007495	1.5	0.03	3.19	0.06	1.40	3.02	3.59	53.20	34.00
	Q007497	1.5	0.03	2.31	0.04	2.11	2.58	1.40	79.40	20.30
AnEx13-9 (2)	Q007498	1.8	0.02	2.48	0.05	0.62	0.66	1.49	20.10	18.15
AnEx13-13 (13)	Q007511	3.0	0.32	96.60	1.89	0.06	0.27	359.00	242.00	16.35
	Q007512	3.0	0.29	108.00	2.84	0.07	0.39	265.00	377.00	35.80
	Q007513	3.0	0.12	78.80	4.32	0.05	0.76	125.50	659.00	33.40
	Q007515	3.0	0.34	122.00	4.43	0.10	0.45	146.50	444.00	30.80
	Q007514	3.0	0.07	5.56	0.09	0.75	0.67	5.47	33.50	10.40
	Q007516	3.0	0.09	54.10	1.68	0.04	0.10	52.30	142.00	23.20
	Q007517	3.0	0.07	61.90	2.30	0.04	0.09	49.50	103.00	26.00
	Q007518	3.0	0.02	127.00	4.74	0.33	0.92	15.10	91.60	18.05
	Q007535	3.0	0.77	99.20	2.48	0.08	0.24	282.00	109.50	21.60
	Q007536	3.0	0.40	107.00	1.53	0.09	0.16	443.00	95.30	17.15
	Q007537	3.0	0.37	124.00	2.23	0.06	0.31	446.00	260.00	23.80
	Q007538	3.0	0.71	114.00	2.92	0.08	0.31	281.00	328.00	22.80
	Q007567	3.7	1.15	434.00	15.30	0.21	2.58	27.00	1895.00	89.80
AnEx13-14 (10)	Q007526	1.8	0.03	11.35	0.24	0.39	0.62	6.21	40.90	6.13
	Q007527	1.8	0.03	7.04	0.12	0.30	0.41	4.04	21.90	5.50
	Q007528	1.8	0.03	34.30	0.41	0.31	0.42	26.30	75.70	22.00
AnEx13-15 (6)	Q007529	2.1	0.05	3.62	0.15	1.89	1.96	1.62	110.50	8.97
	Q007530	2.1	0.08	4.94	0.07	1.23	1.31	1.93	67.80	12.25
	Q007531	2.1	0.07	4.87	0.05	1.23	1.06	1.68	53.20	13.50
	Q007532	2.1	0.08	4.16	0.07	1.19	1.27	1.76	66.00	12.55
AnEx13-16 (5)	Q007540	4.6	0.01	2.45	0.02	1.71	1.69	2.44	112.00	5.34
	Q007541	4.6	0.01	2.33	<0.01	0.61	0.63	0.93	38.10	4.18
AnEx13-18 (4)	Q007549	3.7	0.02	1.88	<0.01	0.79	0.68	0.74	25.20	12.45
	Q007550	3.7	0.04	2.79	0.05	1.58	1.80	1.81	62.60	13.45
	Q007551	3.7	0.05	2.90	0.03	0.89	0.89	1.31	32.20	10.05
	Q007552	3.7	0.06	4.01	0.03	1.18	1.24	2.13	35.40	13.80
AnEx13-21 (6)	Q007569	3.7	0.02	7.71	0.23	0.01	0.07	6.70	44.20	11.45
	Q007570	3.7	0.01	9.53	0.39	0.20	0.20	1.80	18.20	5.75
AnEx13-23 (8)	Q007576	3.0	<0.01	2.37	0.05	1.25	0.78	1.43	45.80	11.20
	Q007577	3.0	<0.01	3.29	0.11	1.54	1.48	1.56	91.90	11.40
	Q007579	3.0	<0.01	0.14	<0.01	0.64	0.05	0.25	2.52	0.53
	Q007580	3.0	<0.01	6.58	0.11	1.67	2.11	1.62	118.50	4.39
	Q007581	3.0	<0.01	4.58	0.08	0.81	0.94	1.27	47.50	6.76
AnEx13-117 (5)	Q012129	1.5	0.06	11.25	0.03	10.10	1.18	5.29	13.30	107.50
	Q012130	1.5	0.05	10.15	0.20	2.88	1.72	5.32	20.90	139.00
	Q012131	1.5	0.02	12.75	0.06	2.78	1.02	4.28	29.20	1090.00
	Q012132	1.5	0.06	7.93	0.05	0.86	0.29	4.32	9.02	89.40
	Q012128	1.8	0.03	7.18	0.07	1.52	0.66	6.47	24.60	164.00
AnEx13-251 (65)	Q012780	3.0	0.89	188.00	6.20	0.12	0.81	280.00	551.00	21.20
	Q012792	3.0	0.87	647.00	6.26	0.11	1.69	466.00	1255.00	14.30
	Q012793	3.0	0.54	585.00	14.30	0.10	0.15	345.00	718.00	21.80
	Q012807	3.0	0.27	134.00	3.62	0.04	0.20	50.20	373.00	36.20
	Q012813	3.0	0.74	195.00	4.54	0.09	0.38	222.00	375.00	12.55
	Q012814	3.0	0.51	223.00	5.12	0.11	0.39	410.00	419.00	23.30
	Q012815	3.0	0.06	583.00	20.48	0.06	0.13	112.50	388.00	12.50
	Q012816	3.0	0.01	15.30	0.53	0.05	0.04	8.52	55.20	70.20
	Q012827	3.0	0.13	48.20	1.62	0.02	0.12	75.90	222.00	18.15
	Q012829	3.0	0.24	429.00	15.90	0.09	0.26	162.50	431.00	30.70
	Q012831	3.0	0.34	217.00	5.16	0.11	0.20	246.00	147.00	18.80
	Q012832	3.0	0.30	132.00	3.55	0.05	0.37	189.50	691.00	41.80
	Q012833	3.0	0.02	17.95	0.97	0.17	0.35	14.10	81.20	77.00
	Q012834	3.0	0.01	9.40	0.24	0.17	0.38	6.28	63.30	51.30
	Q012841	3.0	0.61	311.00	4.48	0.07	0.51	396.00	405.00	12.70
	Q012778	4.6	0.01	12.20	3.05	0.02	0.46	3.05	92.30	19.70
	Q012779	4.6	<0.01	1615.00	73.15	0.19	0.04	64.40	1150.00	4.63
	Q012781	4.6	1.62	1490.00	31.08	0.06	0.31	381.00	7990.00	31.70
	Q012782	4.6	0.10	99.00	3.49	0.06	0.34	104.50	662.00	46.30
	Q012783	4.6	0.15	185.00	6.29	0.06	0.56	192.50	1610.00	38.50
	Q012794	4.6	2.41	227.00	5.82	0.09	0.38	254.00	729.00	21.00
	Q012784	4.6	0.41	243.00	6.81	0.09	0.34	221.00	525.00	34.40
	Q012785	4.6	0.07	98.60	5.87	0.05	0.91	37.40	196.00	16.55
	Q012786	4.6	0.01	1880.00	62.76	0.02	0.08	65.70	1105.00	12.55
	Q012787	4.6	0.03	382.00	8.86	0.08	0.18	125.50	199.00	13.95
	Q012788	4.6	0.26	234.00	10.35	0.21	1.14	118.50	1385.00	9.84
	Q012789	4.6	0.85	1565.00	23.70	0.04	0.32	215.00	1370.00	25.00
	Q012790	4.6	0.13	144.00	9.69	0.08	0.78	29.60	1105.00	83.60
	Q012791	4.6	0.02	112.00	6.43	0.07	0.44	29.80	776.00	10.85
	Q012795	4.6	0.01	21.60	4.87	0.10	1.21	26.50	147.50	14.90
	Q012796	4.6	0.02	182.00	6.56	0.20	1.56	100.50	476.00	145.00
	Q012797	4.6	0.01	124.00	8.49	0.18	1.74	74.00	324.00	195.50
	Q012798	4.6	0.01	78.30	6.30	0.12	1.52	47.60	260.00	181.00
	Q012799	4.6	0.02	27.00	3.36	0.10	0.54	26.20	157.00	20.80
	Q012800	4.6	0.14	50.30	1.27	0.04	0.14	161.50	36.20	12.45
	Q012804	4.6	<0.01	5.88	0.14	0.19	0.40	4.53	121.50	112.00
	Q012805	4.6	0.48	160.00	5.61	0.08	0.21	177.00	364.00	23.30
	Q012806	4.6	0.06	58.30	7.21	0.48	1.50	48.10	403.00	29.10
	Q012808	4.6	0.23	199.00	16.05	0.18	1.86	177.50	925.00	11.95
	Q012809	4.6	0.20	353.00	8.53	0.09	1.54	200.00	1830.00	4.94
	Q012810	4.6	0.01	16.10	1.29	0.01	0.03	4.15	34.20	14.90
	Q012811	4.6	0.37	464.00	16.15	0.11	0.71	156.50	661.00	36.50
	Q012812	4.6	0.25	164.00	1.70	0.04	0.15	440.00	216.00	6.85
	Q012828	4.6	0.38	2910.00	62.61	0.02	0.14	104.00	2380.00	8.59
	Q012830	4.6	0.39	287.00	4.80	0.05	0.29	476.00	7280.00	14.30
*Samples >95th percentile highlighted		95th percentile:	0.18	5.90	0.10	0.58	0.44	94.10	107.25	8.09



Pit ID (Total Samples)	Sample	Depth (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	As (%)	Hg (ppm)	Sb (ppm)	Tl (ppm)
AnEx13-31 (11)	Q007737	3.7	<0.01	6.88	<0.01	0.01	<0.01	0.55	7.16	2.41
	Q007738	3.7	0.01	6.08	<0.01	0.01	<0.01	0.54	7.67	2.53
	Q007742	3.7	<0.01	6.50	<0.01	0.09	0.06	0.31	24.60	13.15
	Q007745	3.7	0.01	39.10	<0.01	0.33	0.01	0.96	52.00	8.06
	Q007746	3.7	0.01	18.35	<0.01	0.15	0.03	0.91	27.20	20.90
AnEx13-160 (7)	Q012303	2.4	0.01	10.40	0.04	0.04	0.05	11.50	5.56	1.06
AnEx13-162 (8)	Q013292	4.6	0.01	6.22	0.00	0.16	0.16	1.95	1.29	0.40
	Q013293	4.6	0.02	5.94	0.01	0.09	0.14	1.57	1.11	0.60
	Q013296	4.6	0.02	7.55	0.07	0.06	0.11	3.18	12.65	1.63
	Q013297	4.6	0.05	5.92	0.05	0.07	0.09	3.17	6.16	1.56
	Q013298	4.6	0.03	9.37	0.09	0.03	0.06	2.89	5.13	1.63
	Q013299	4.6	0.02	6.45	0.04	0.12	0.24	2.31	35.00	1.65
AnEx13-163 (6)	Q013300	3.0	0.02	6.06	0.03	0.24	0.22	5.67	23.80	2.76
	Q013303	3.0	0.01	6.88	0.01	0.05	0.13	3.50	23.60	4.43
	Q013305	3.0	0.01	7.59	0.01	0.12	0.11	4.76	19.10	1.60
*Samples >95th percentile highlighted		95th percentile:	0.18	5.90	0.10	0.58	0.44	94.10	107.25	8.09

ATAC RESOURCES LTD.

FIGURE 81

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

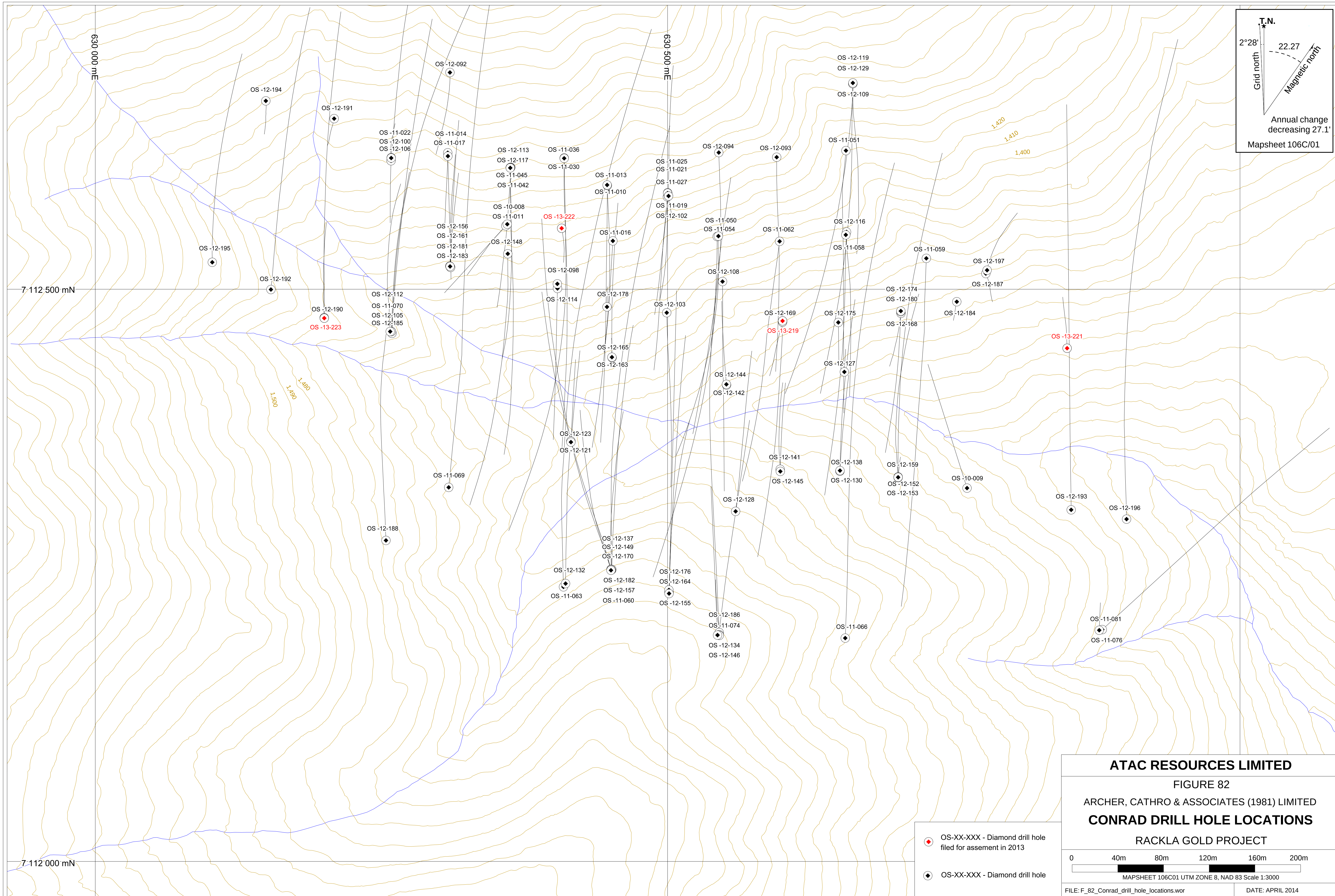
ANUBIS AREA PIT MINERALIZATION AREA F

RACKLA GOLD PROJECT

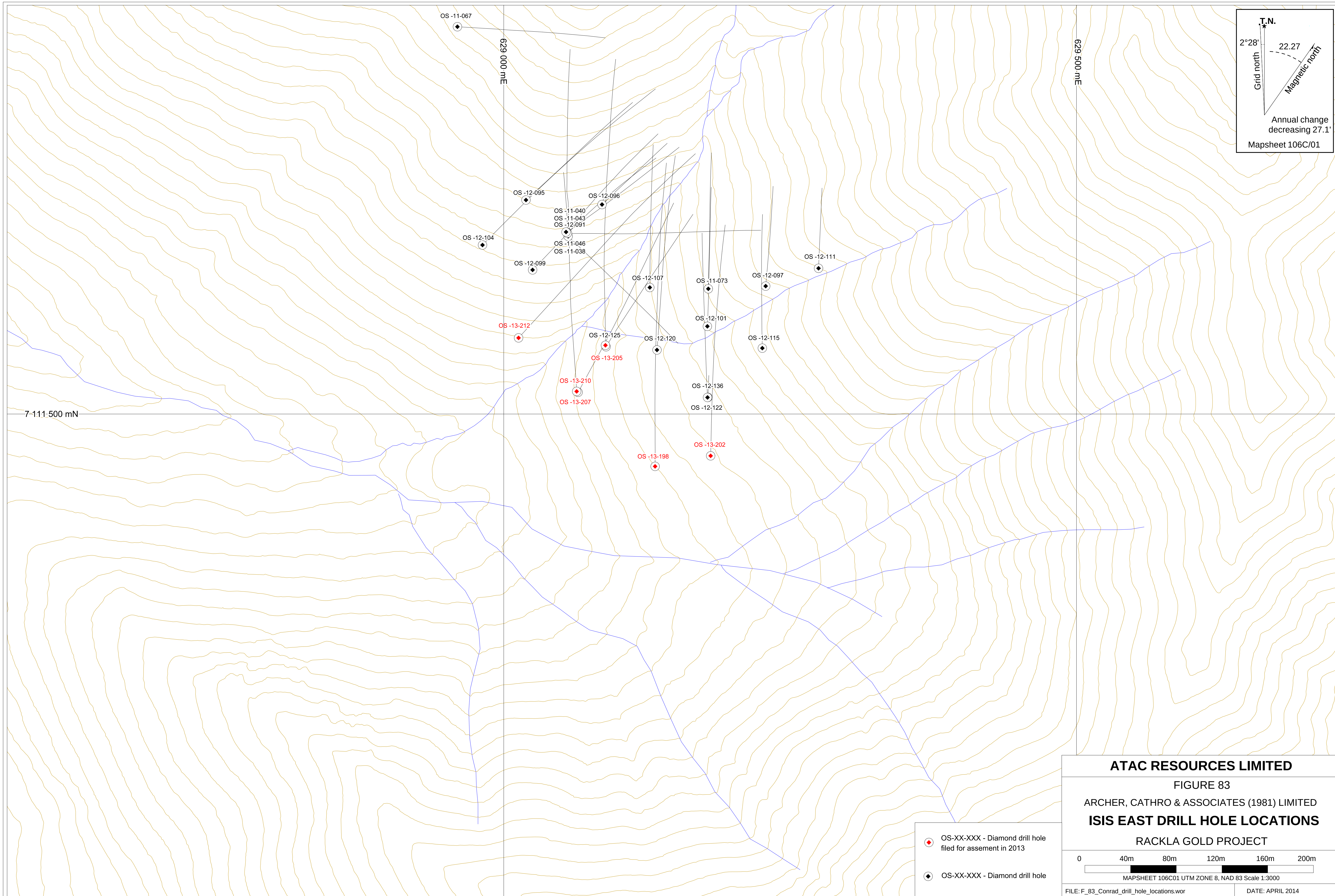
0 — 50 m

UTM Zone 8, NAD 83, 106/C02, Contour interval 25 m, Scale: 1: 1 000

FILE: .../RacklaGold/Figures/F81-Pit...AreaF.wor | DATE: APRIL 2014



ATAC RESOURCES LIMITED
FIGURE 82
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CONRAD DRILL HOLE LOCATIONS
RACKLA GOLD PROJECT
0
40m
80m
120m
160m
200m
MAPSHEET 106C01 UTM ZONE 8, NAD 83 Scale 1:3000
FILE: F_82_Conrad_drill_hole_locations.wor
DATE: APRIL 2014
OS-XX-XXX - Diamond drill hole filed for assement in 2013
OS-XX-XXX - Diamond drill hole
T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01
630 000 mE
630 500 mE
7 112 500 mN
7 112 000 mN
1,420
1,410
1,400
1,480
1,490
1,500
OS -12-194
OS -12-191
OS -12-092
OS -11-022
OS -12-100
OS -12-106
OS -11-014
OS -11-017
OS -12-113
OS -12-117
OS -11-045
OS -11-042
OS -11-036
OS -11-030
OS -11-013
OS -11-010
OS -11-025
OS -11-021
OS -11-027
OS -11-019
OS -12-102
OS -12-094
OS -12-093
OS -12-119
OS -12-129
OS -12-109
OS -11-051
OS -10-008
OS -11-011
OS -13-222
OS -12-156
OS -12-161
OS -12-181
OS -12-183
OS -12-148
OS -11-016
OS -11-050
OS -11-054
OS -11-062
OS -12-116
OS -11-058
OS -11-059
OS -12-197
OS -12-187
OS -12-195
OS -12-192
OS -12-098
OS -12-114
OS -12-178
OS -12-108
OS -12-174
OS -12-180
OS -12-168
OS -12-184
OS -12-112
OS -11-070
OS -12-105
OS -12-185
OS -12-190
OS -13-223
OS -12-103
OS -12-169
OS -13-219
OS -12-175
OS -13-221
OS -12-165
OS -12-163
OS -12-144
OS -12-142
OS -12-127
OS -12-123
OS -12-121
OS -12-141
OS -12-145
OS -12-138
OS -12-130
OS -12-159
OS -12-152
OS -12-153
OS -10-009
OS -11-069
OS -12-128
OS -12-193
OS -12-196
OS -12-188
OS -12-137
OS -12-149
OS -12-170
OS -12-132
OS -11-063
OS -12-182
OS -12-157
OS -11-060
OS -12-176
OS -12-164
OS -12-155
OS -12-186
OS -11-074
OS -12-134
OS -12-146
OS -11-066
OS -11-081
OS -11-076



OS-XX-XXX - Diamond drill hole filed for assement in 2013

OS-XX-XXX - Diamond drill hole

ATAC RESOURCES LIMITED

FIGURE 83

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ISIS EAST DRILL HOLE LOCATIONS

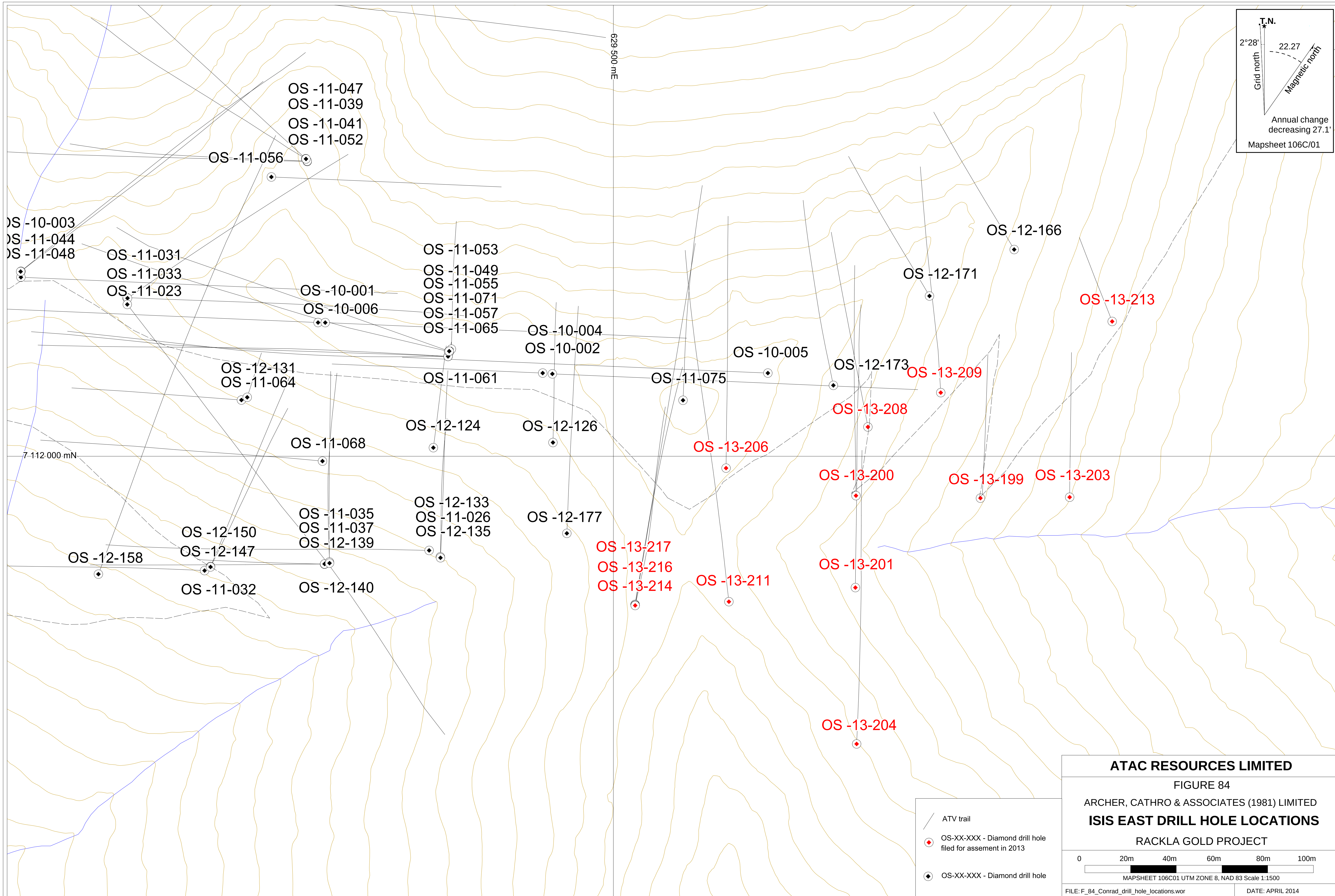
RACKLA GOLD PROJECT

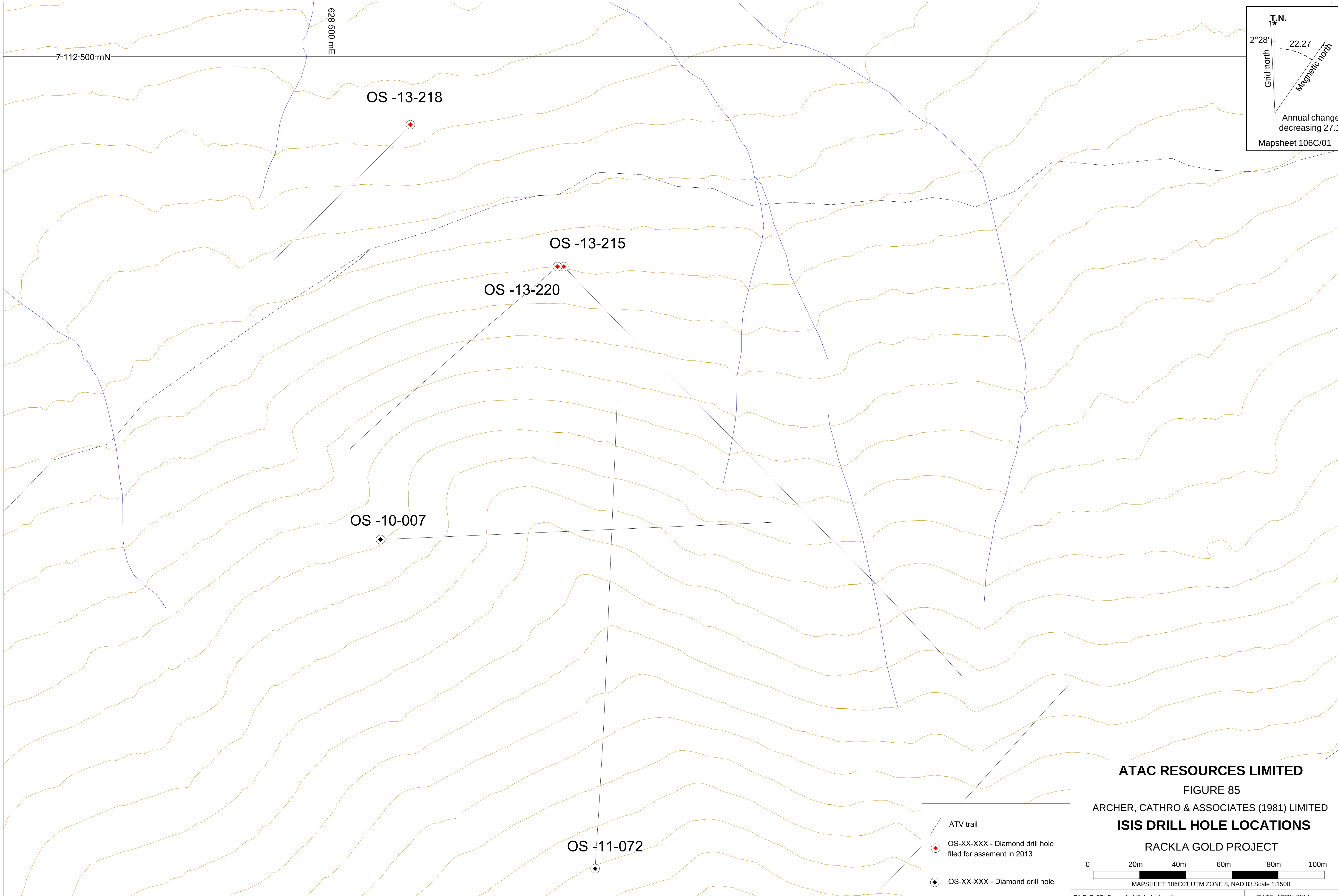
0 40m 80m 120m 160m 200m

MAPSHEET 106C01 UTM ZONE 8, NAD 83 Scale 1:3000

FILE: F_83_Conrad_drill_hole_locations.wor

DATE: APRIL 2014


T.N.
2°28'
22.27
Grid north
Magnetic north
Annual change
decreasing 27.1'
Mapsheet 106C/01
629 500 mE
7 112 000 mN
OS -11-047
OS -11-039
OS -11-041
OS -11-052
OS -11-056
OS -10-003
OS -11-044
OS -11-048
OS -11-031
OS -11-033
OS -11-023
OS -10-001
OS -10-006
OS -11-053
OS -11-049
OS -11-055
OS -11-071
OS -11-057
OS -11-065
OS -10-004
OS -10-002
OS -10-005
OS -12-166
OS -12-171
OS -13-213
OS -12-173
OS -13-209
OS -13-208
OS -12-131
OS -11-064
OS -11-061
OS -11-075
OS -12-124
OS -12-126
OS -11-068
OS -13-206
OS -13-200
OS -13-199
OS -13-203
OS -12-133
OS -11-026
OS -12-135
OS -11-035
OS -11-037
OS -12-139
OS -12-177
OS -12-150
OS -12-147
OS -12-158
OS -11-032
OS -12-140
OS -13-217
OS -13-216
OS -13-214
OS -13-211
OS -13-201
OS -13-204
ATV trail
OS-XX-XXX - Diamond drill hole filed for assement in 2013
OS-XX-XXX - Diamond drill hole
ATAC RESOURCES LIMITED
FIGURE 84
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ISIS EAST DRILL HOLE LOCATIONS
RACKLA GOLD PROJECT
0
20m
40m
60m
80m
100m
MAPSHEET 106C01 UTM ZONE 8, NAD 83 Scale 1:1500
FILE: F_84_Conrad_drill_hole_locations.wor
DATE: APRIL 2014



ATAC RESOURCES LIMITED

FIGURE 85

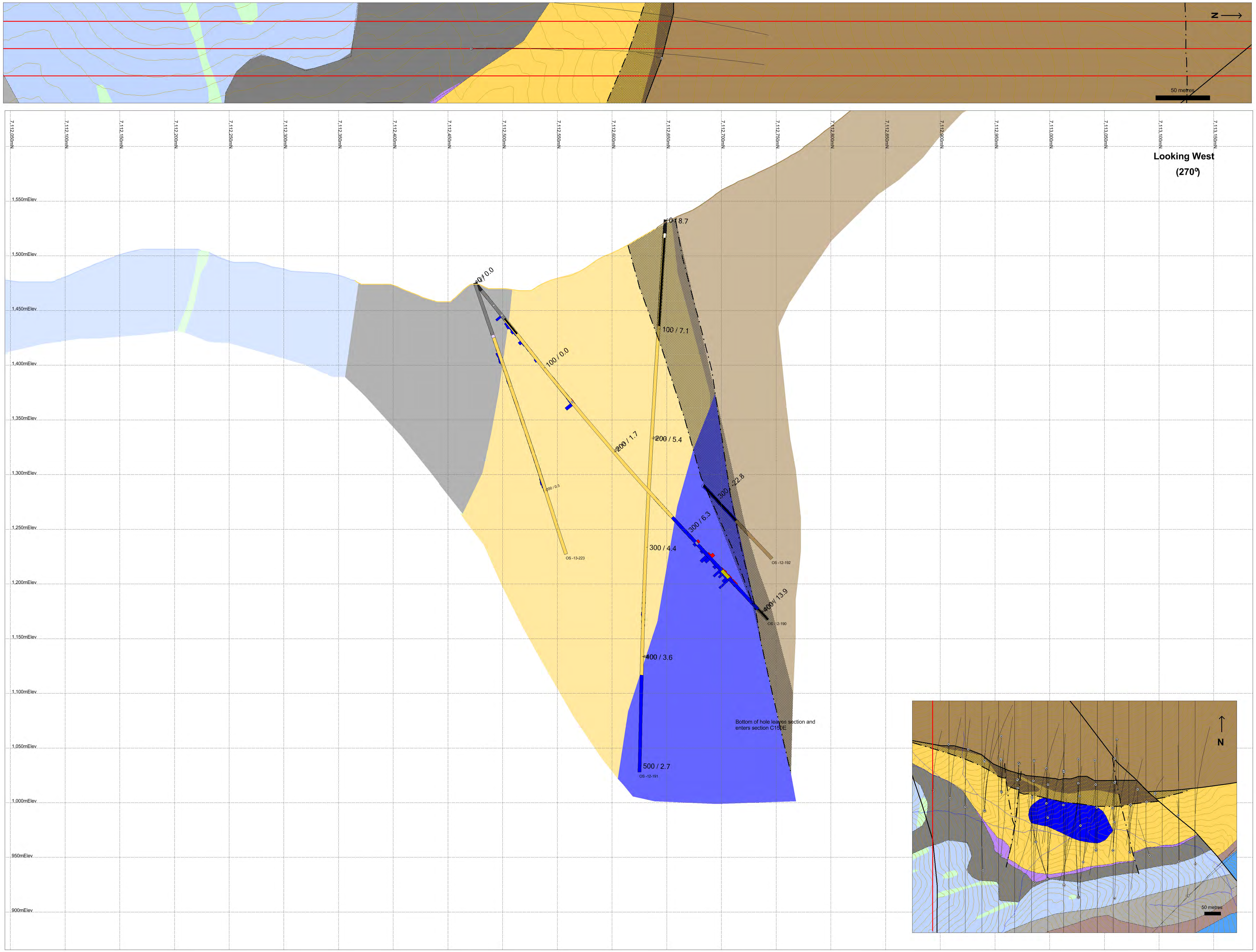
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ISIS DRILL HOLE LOCATIONS

RACKLA GOLD PROJECT

FILE: F_85_Conrad_drill_hole_locations.wor

DATE: APRIL 2014



Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Carbonate Debrites C-DMT
- Calciclastic rocks C-LST2 Dark, crystalline limestone with carbonate debrites
- Conrad Dolostone C-DST
- Conrad Siliciclastics C-SLC Pyritic siltstone, sandstone, poorly sorted pebble conglomerate
- Conrad Limestone C-LST1
- NONAD Mudstone with minor conglomerate and sandstone
- Gold 1mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50,000
- Gouge Zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope centered along 630100 mE

ATAC RESOURCES LIMITED

FIGURE 86

Archer, Cathro and Associates (1981) Limited

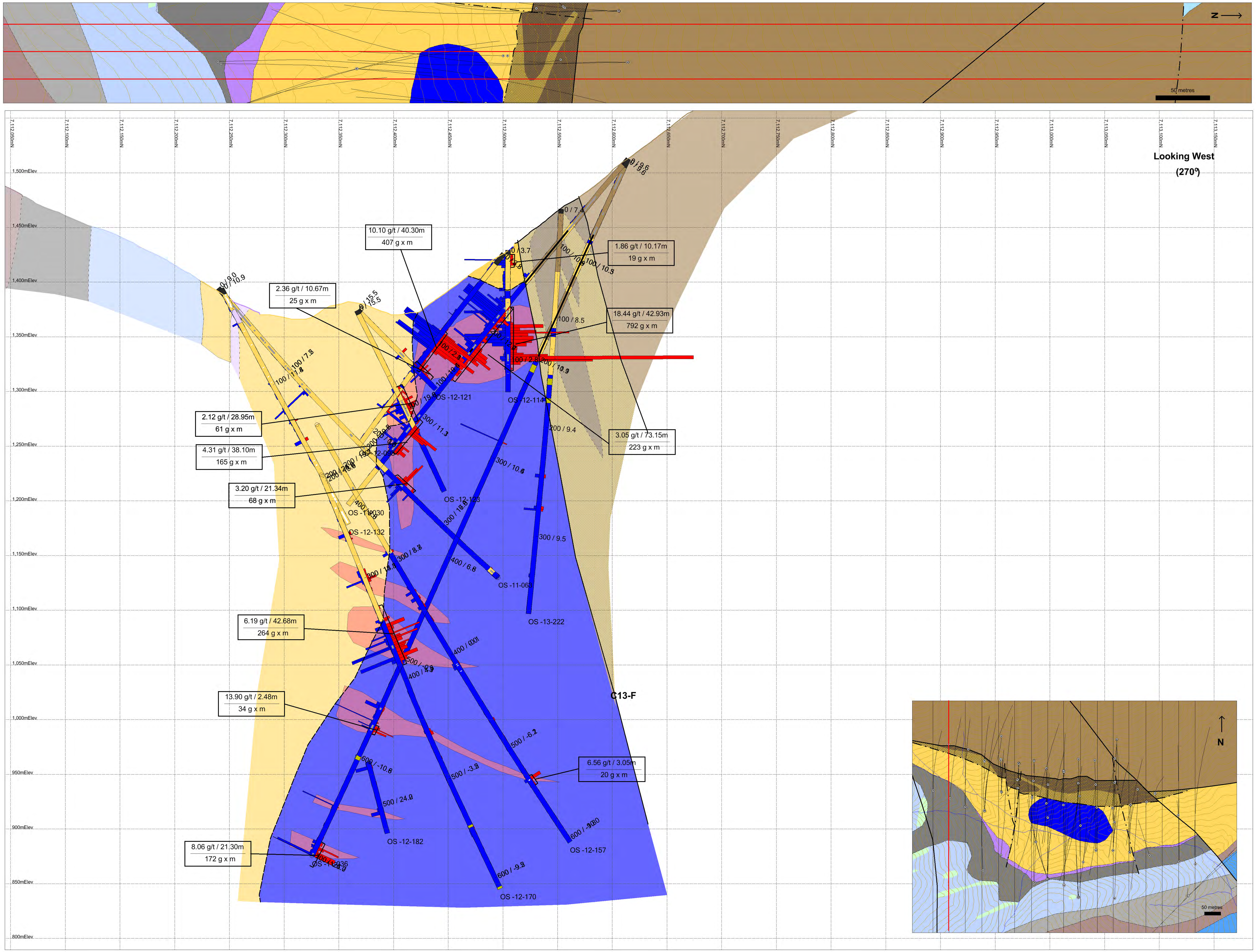
CONRAD SECTION 200E

Rackla Gold Project

0m 20m 40m 60m 80m 100m

UTM NAD 83 ZONE 8 Scale 1:1500

Nadaleen_Sections_2013/Conrad_East | APRIL 2014



LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Carbonate Debrites C-DMT
- Calciclastic rocks C-LST2 Dark, crystalline limestone with carbonate debrites
- Conrad Dolostone C-DST
- Conrad Siliciclastics C-SLC Pyritic siltstone, sandstone, poorly sorted pebble conglomerate
- Conrad Limestone C-LST1
- NONAD Mudstone with minor conglomerate and sandstone
- Gold 1mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50,000
- Gouge Zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope centered along 630150 mE

ATAC RESOURCES LIMITED

FIGURE 87

Archer, Cathro and Associates (1981) Limited

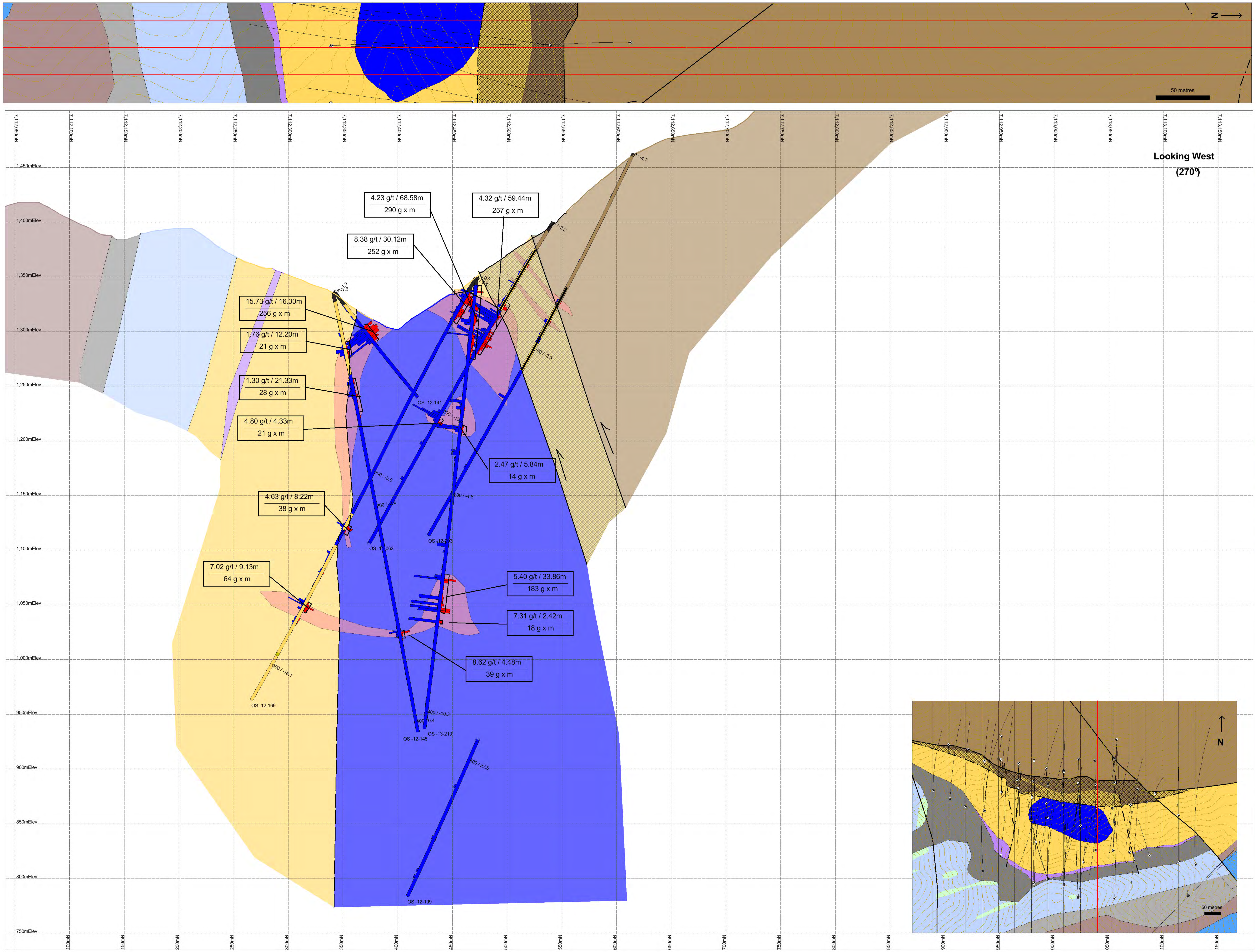
CONRAD SECTION 400E

Rackla Gold Project

0m 20m 40m 60m 80m 100m

UTM NAD 83 ZONE 8 Scale 1:1500

Nadaleen_Sections_2013/Conrad_East	April 2014



ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Carbonate Debrites C-DMT
- Calciclastic rocks C-LST2 Dark, crystalline limestone with carbonate debrites
- Conrad Dolostone C-DST
- Conrad Siliciclastics C-SLC Pyritic siltstone, sandstone, poorly sorted pebble conglomerate
- Conrad Limestone C-LST1
- NONAD Mudstone with minor conglomerate and sandstone
- Gold 1mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50,000
- Gouge Zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope centered along 630800 mE

ATAC RESOURCES LIMITED

FIGURE 88

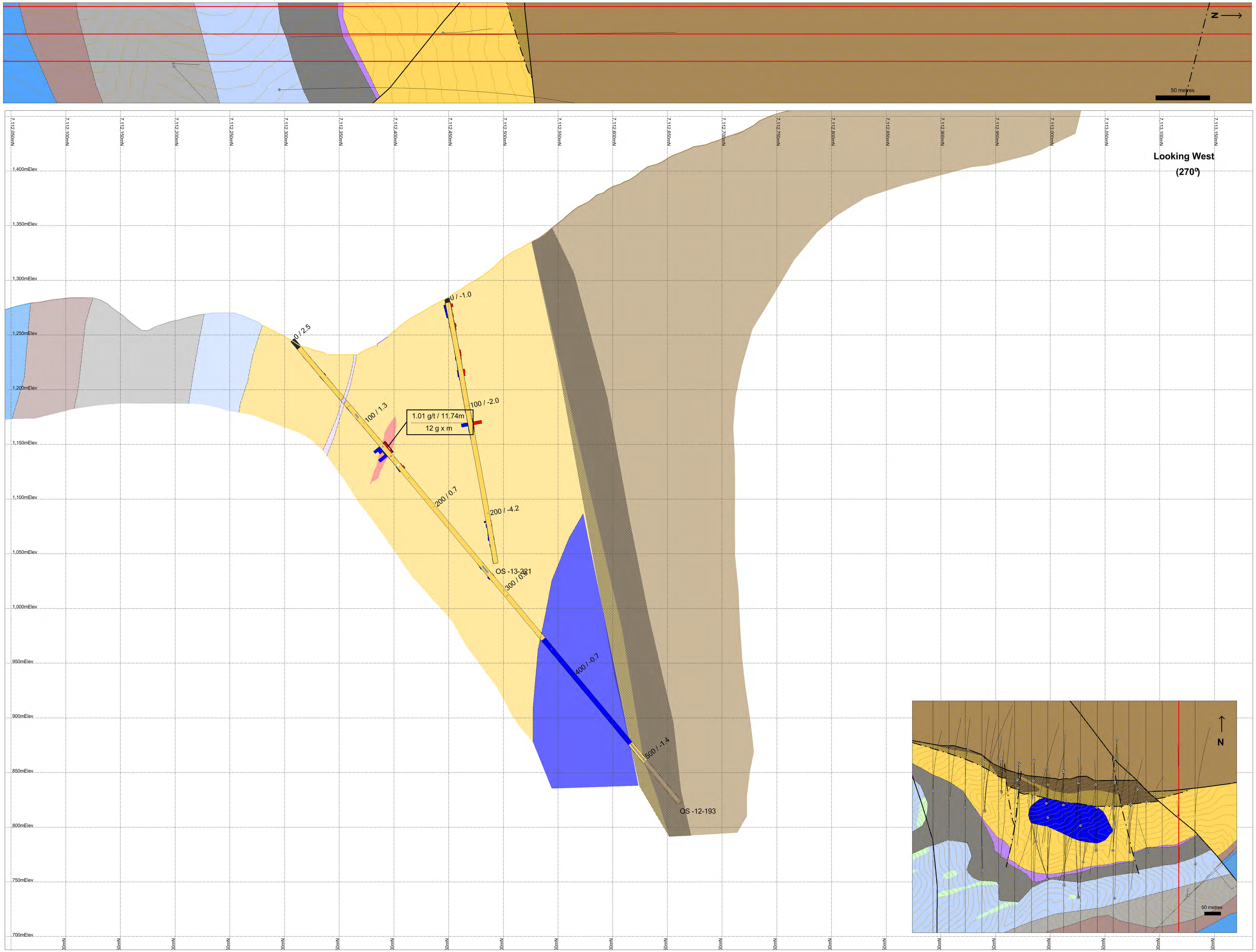
Archer, Cathro and Associates (1981) Limited

CONRAD SECTION 600E

Rackla Gold Project

UTM NAD 83 ZONE 8 Scale 1:1500

Nadaleen_Sections_2013/Conrad_East | APRIL 2014



ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Carbonate Debrites C-DMT
- Calciclastic rocks C-LST2 Dark, crystalline limestone with carbonate debrites
- Conrad Dolostone C-DST
- Conrad Siliciclastics C-SLC Pyritic siltstone, sandstone, poorly sorted pebble conglomerate
- Conrad Limestone C-LST1
- NONAD Mudstone with minor conglomerate and sandstone
- Gold 1mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50,000
- Gouge Zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope centered along 630800 mE

ATAC RESOURCES LIMITED

FIGURE 89

Archer, Cathro and Associates (1981) Limited

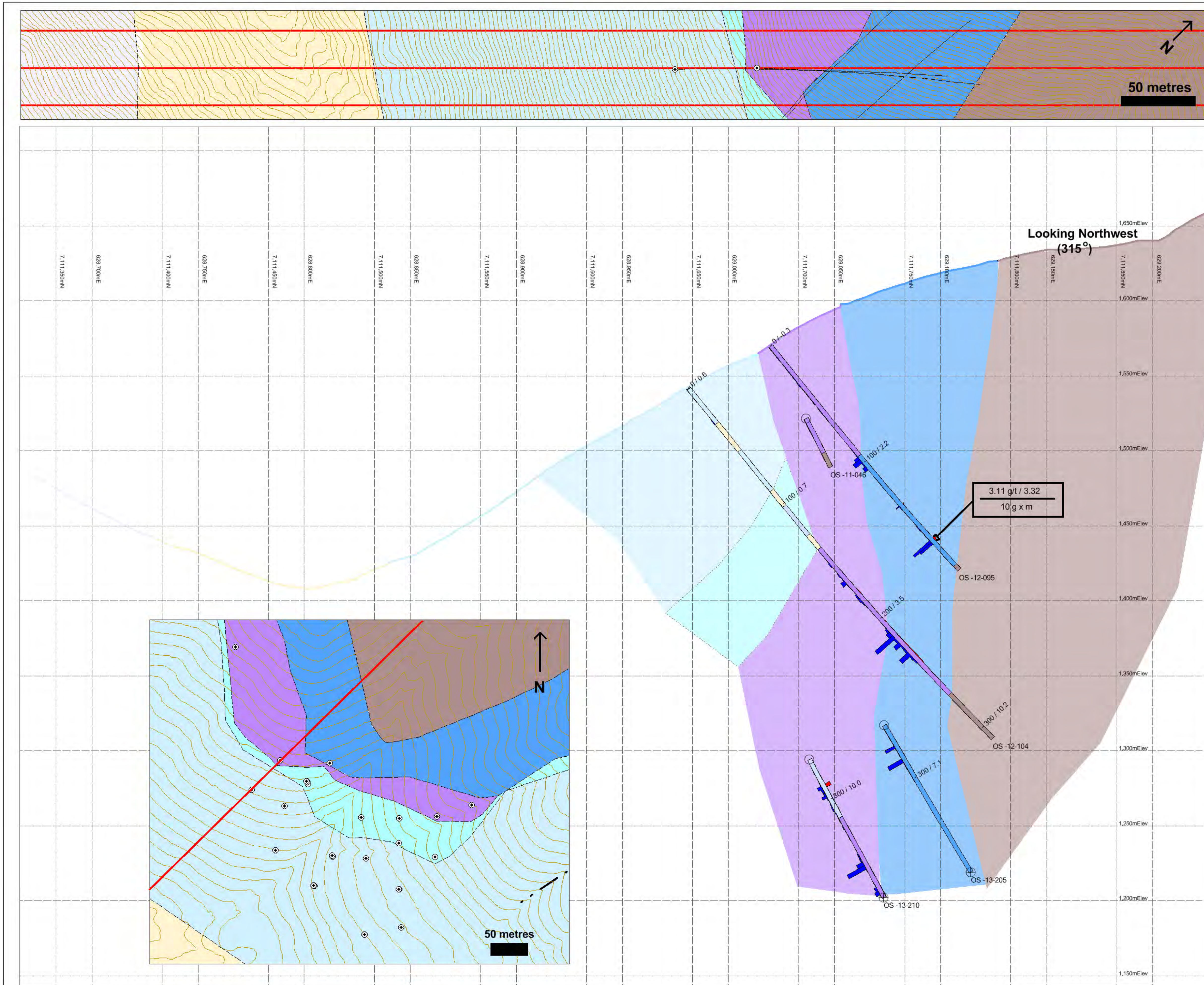
CONRAD SECTION 850E

Rackla Gold Project

0m 20m 40m 60m 80m 100m

UTM NAD 83 ZONE 8 Scale 1:1500

Nadaleen_Sections_2013/Conrad_East | APRIL 2014



ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 90

Archer, Cathro and Associates (1981) Limited

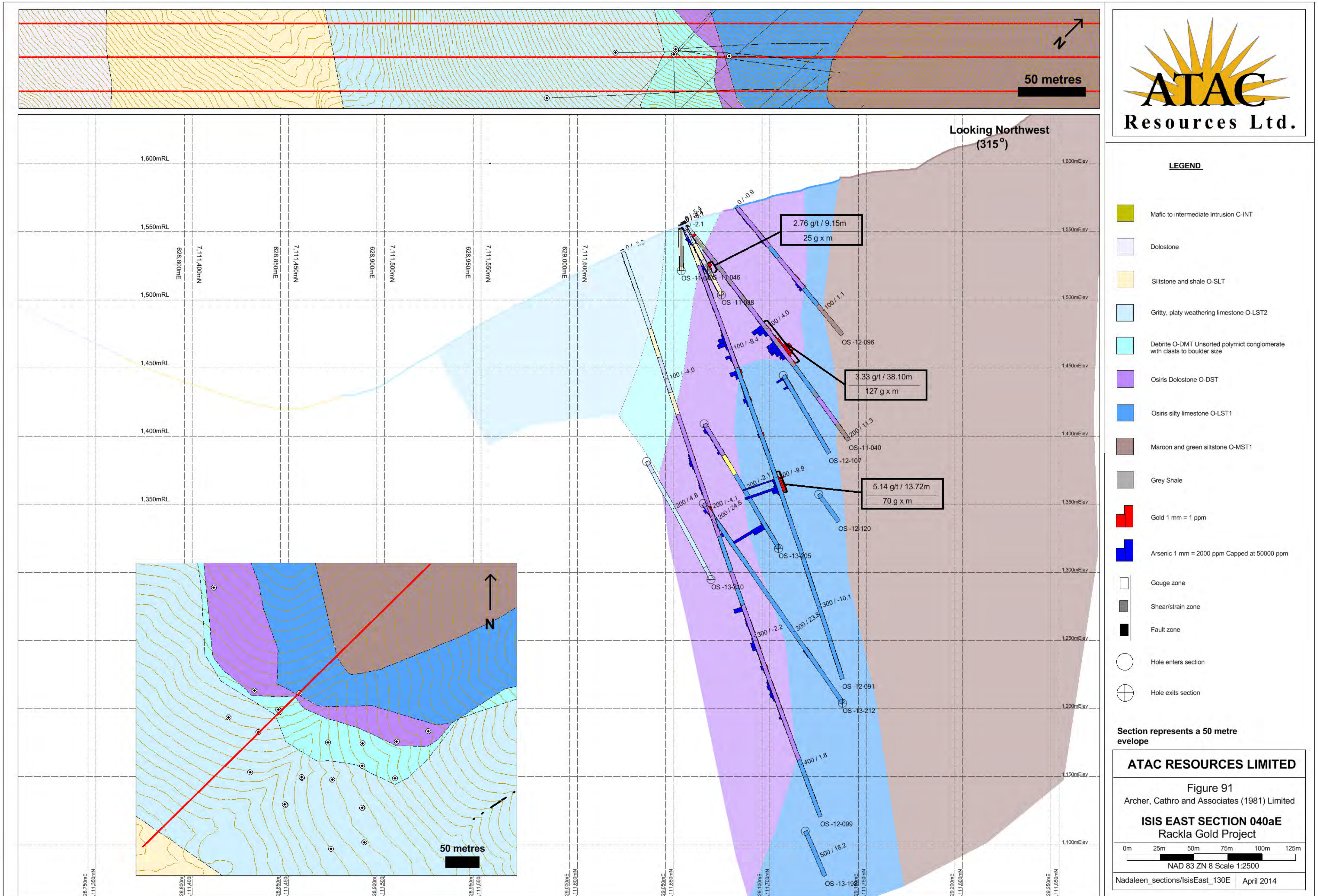
ISIS EAST SECTION 005aE

Rackla Gold Project

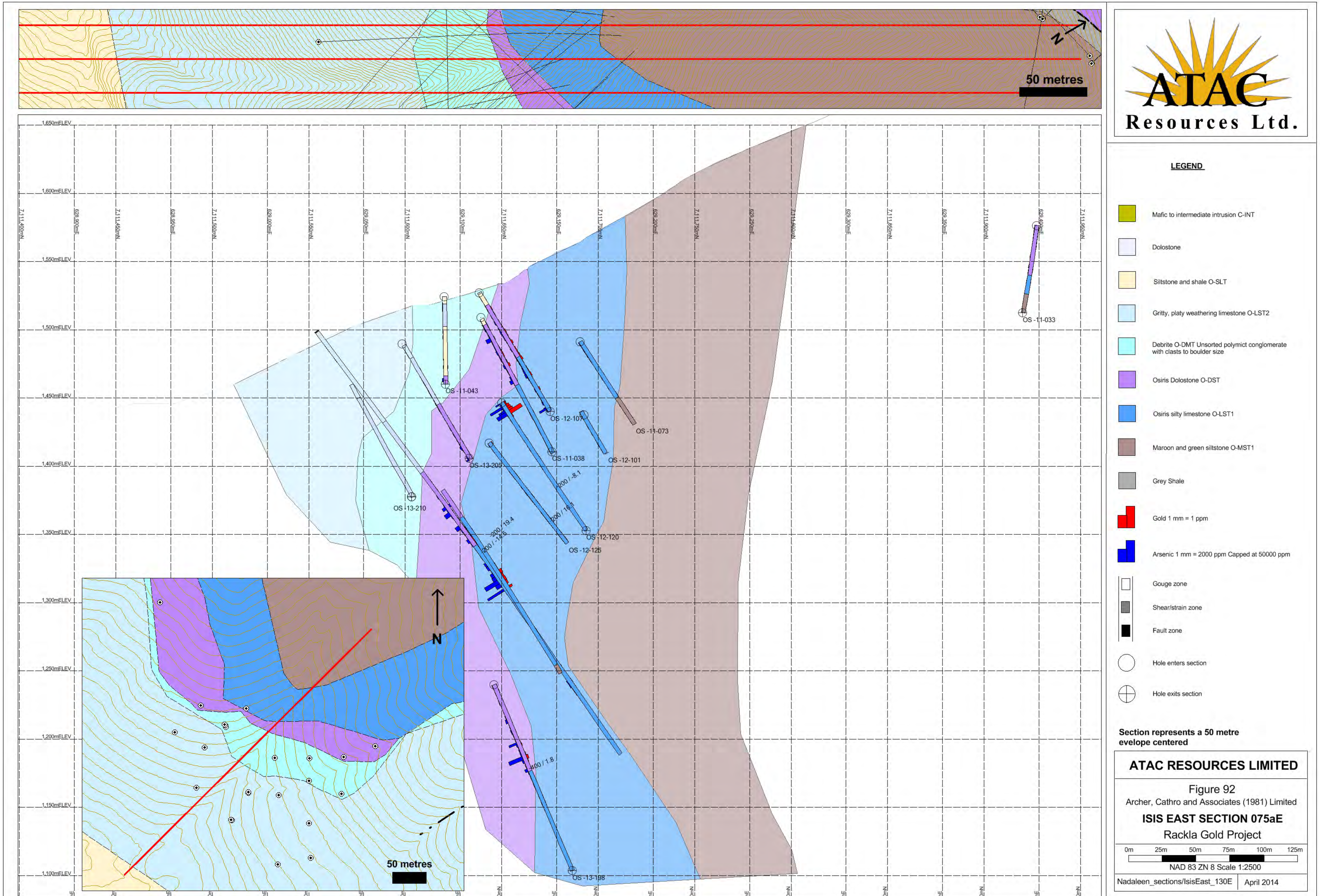
0m 25m 50m 75m 100m 125m

NAD 83 ZN 8 Scale 1:2500

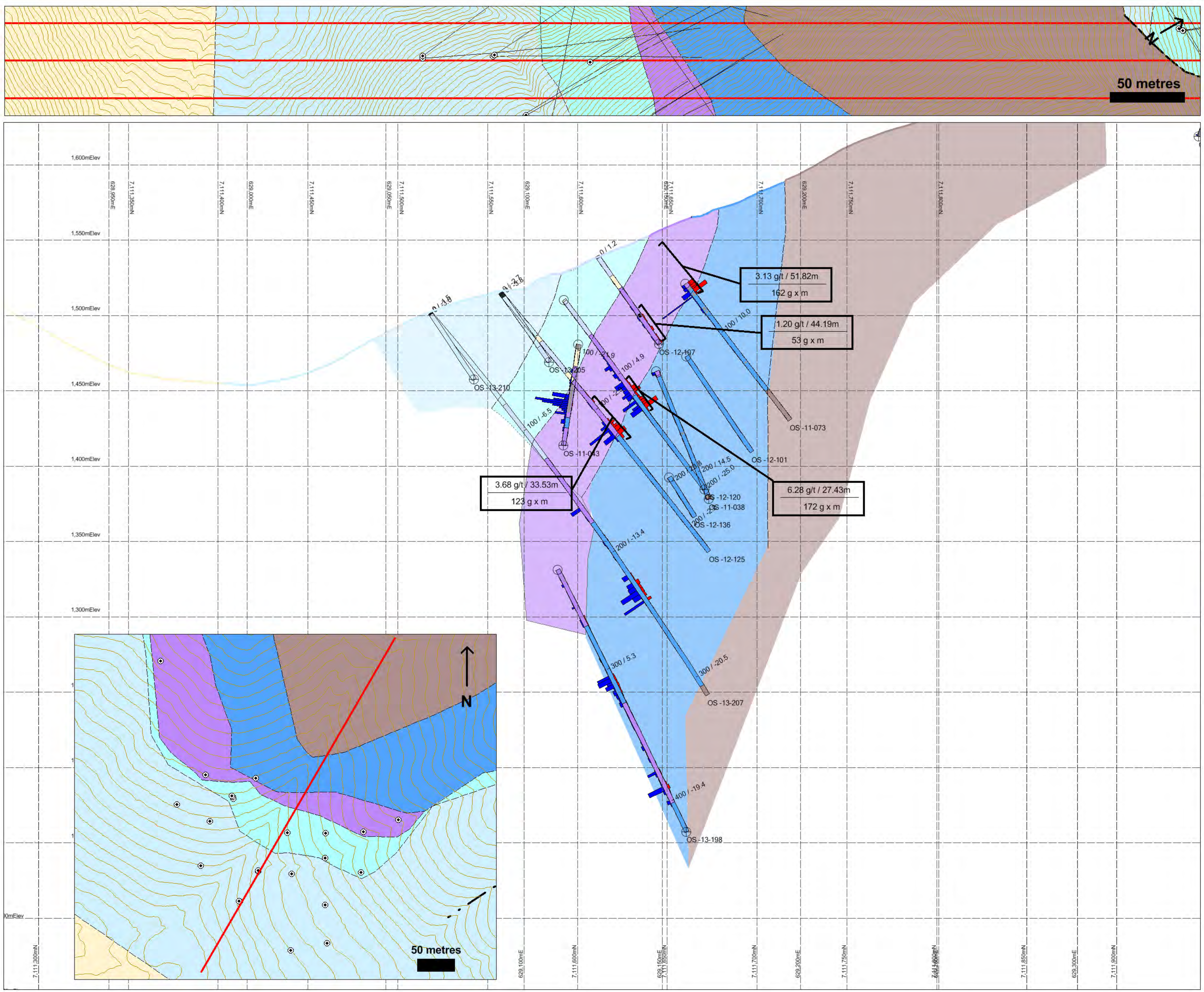
Nadaleen_sections/IsisEast_130E	April 2014



ATAC Resources Ltd.
50 metres
Looking Northwest (315°)
1,600mRL
1,550mRL
1,500mRL
1,450mRL
1,400mRL
1,350mRL
2.76 g/t / 9.15m
25 g x m
3.33 g/t / 38.10m
127 g x m
5.14 g/t / 13.72m
70 g x m
OS -12-096
OS -11-040
OS -12-107
OS -12-120
OS -13-205
OS -13-210
OS -12-091
OS -13-212
OS -12-099
N
LEGEND
Mafic to intermediate intrusion C-INT
Dolostone
Siltstone and shale O-SLT
Gritty, platy weathering limestone O-LST2
Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
Osiris Dolostone O-DST
Osiris silty limestone O-LST1
Maroon and green siltstone O-MST1
Grey Shale
Gold 1 mm = 1 ppm
Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
Gouge zone
Shear/strain zone
Fault zone
Hole enters section
Hole exits section
Section represents a 50 metre evelope
ATAC RESOURCES LIMITED
Figure 91
Archer, Cathro and Associates (1981) Limited
ISIS EAST SECTION 040aE
Rackla Gold Project
0m 25m 50m 75m 100m 125m
NAD 83 ZN 8 Scale 1:2500
Nadaleen_sections/IsisEast_130E
April 2014



ATAC Resources Ltd.
LEGEND
Mafic to intermediate intrusion C-INT
Dolostone
Siltstone and shale O-SLT
Gritty, platy weathering limestone O-LST2
Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
Osiris Dolostone O-DST
Osiris silty limestone O-LST1
Maroon and green siltstone O-MST1
Grey Shale
Gold 1 mm = 1 ppm
Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
Gouge zone
Shear/strain zone
Fault zone
Hole enters section
Hole exits section
Section represents a 50 metre evelope centered
ATAC RESOURCES LIMITED
Figure 92
Archer, Cathro and Associates (1981) Limited
ISIS EAST SECTION 075aE
Rackla Gold Project
0m 25m 50m 75m 100m 125m
NAD 83 ZN 8 Scale 1:2500
Nadaleen_sections/IsisEast_130E
April 2014
50 metres
N
1,650mELEV
1,600mELEV
1,550mELEV
1,500mELEV
1,450mELEV
1,400mELEV
1,350mELEV
1,300mELEV
1,250mELEV
1,200mELEV
1,150mELEV
1,100mELEV
OS -11-033
OS -11-043
OS -12-107
OS -11-073
OS -11-038
OS -12-101
OS -13-205
OS -13-210
OS -12-120
OS -12-125
OS -13-198
200 / -8.1
200 / 16.1
200 / 19.4
200 / -18.6
400 / 1.8
50 metres



ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope centered

ATAC RESOURCES LIMITED

Figure 93

Archer, Cathro and Associates (1981) Limited

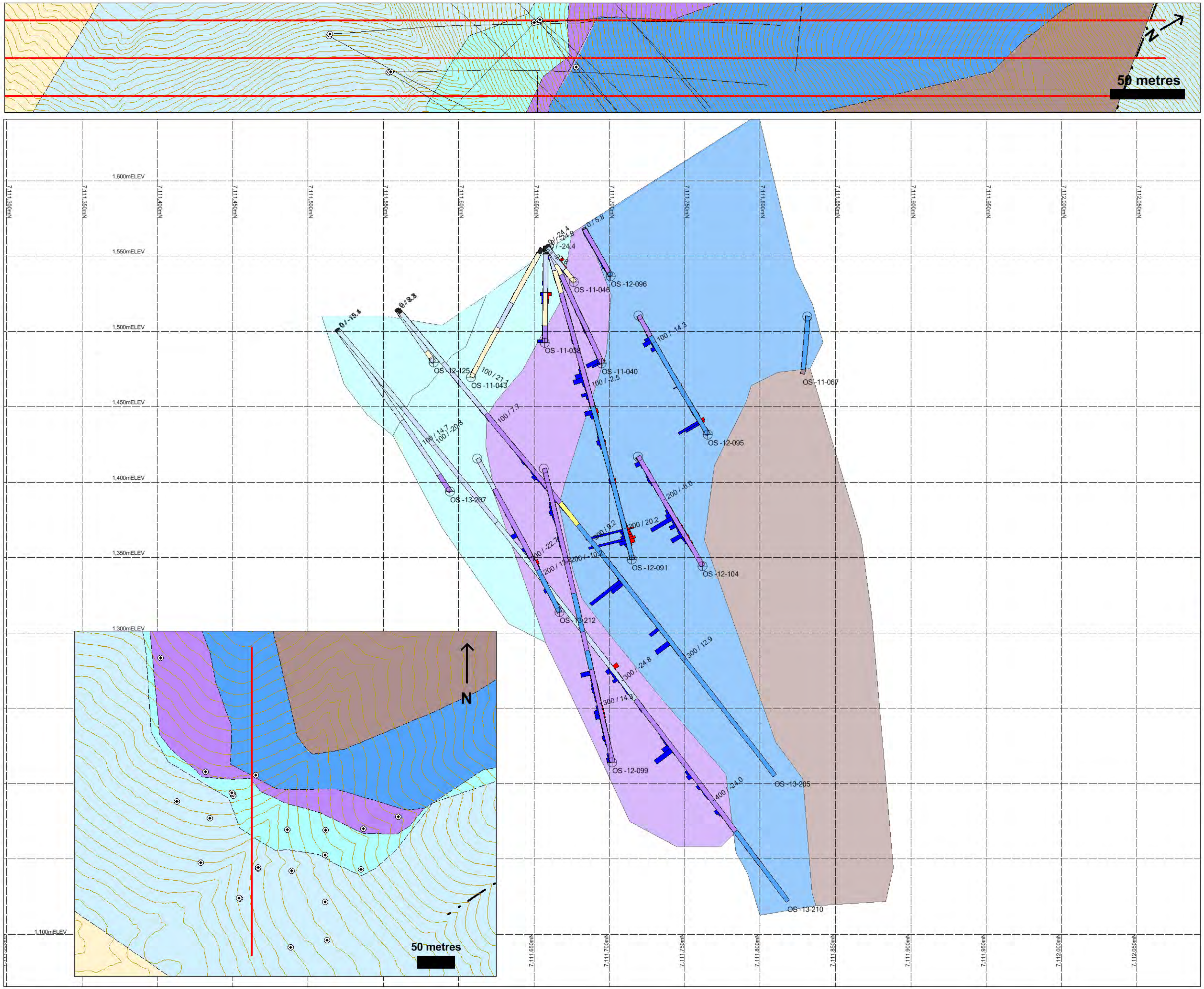
ISIS EAST SECTION 100aE

Rackla Gold Project

0m 25m 50m 75m 100m 125m

NAD 83 ZN 8 Scale 1:2500

Nadaleen_sections/IsisEast_130E | April 2014



ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope centered

ATAC RESOURCES LIMITED

Figure 94

Archer, Cathro and Associates (1981) Limited

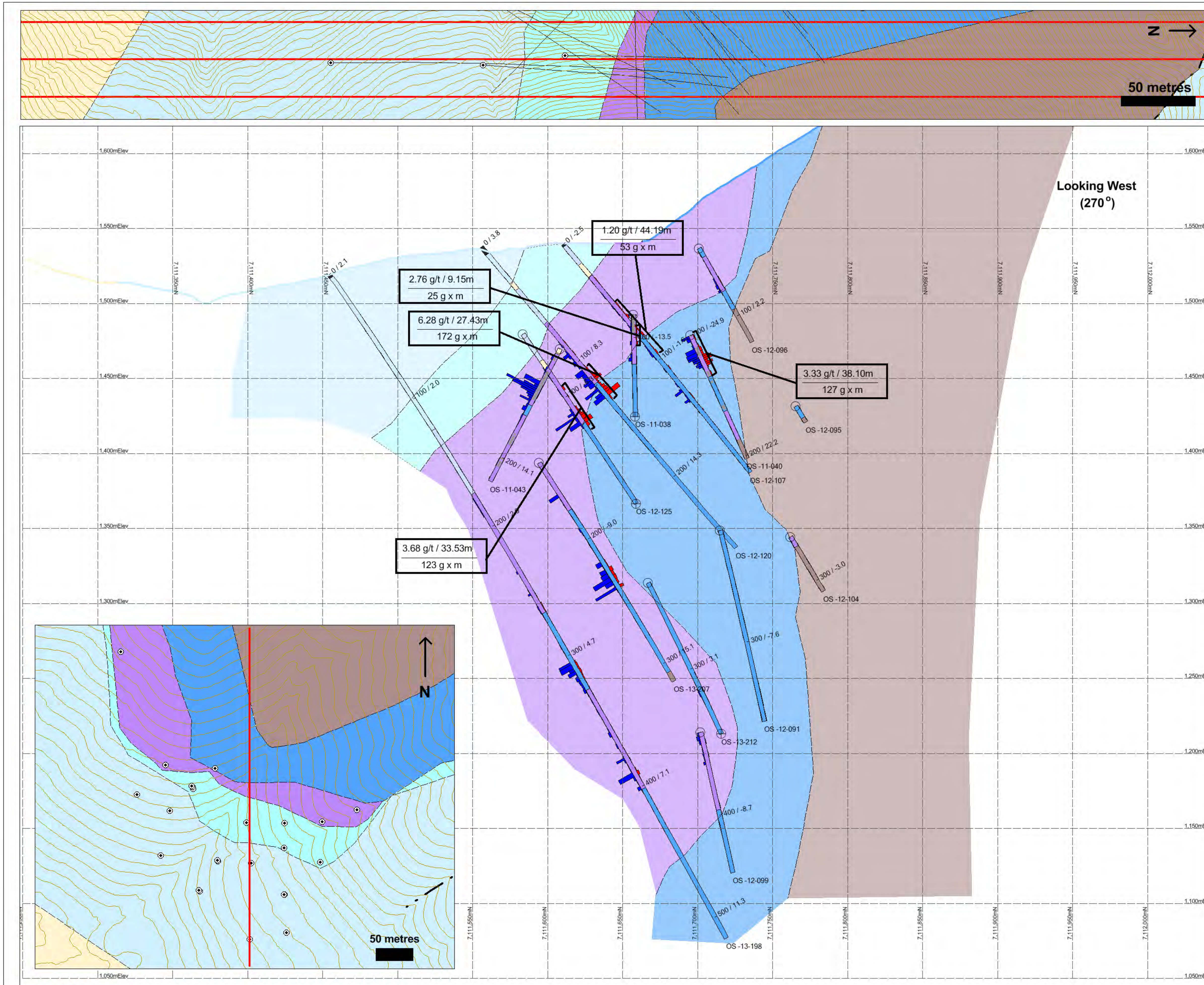
ISIS EAST SECTION 080E

Rackla Gold Project

0m 25m 50m 75m 100m 125m

NAD 83 ZN 8 Scale 1:2500

Nadaleen_sections/IsisEast_130E | April 2014



LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 95

Archer, Cathro and Associates (1981) Limited

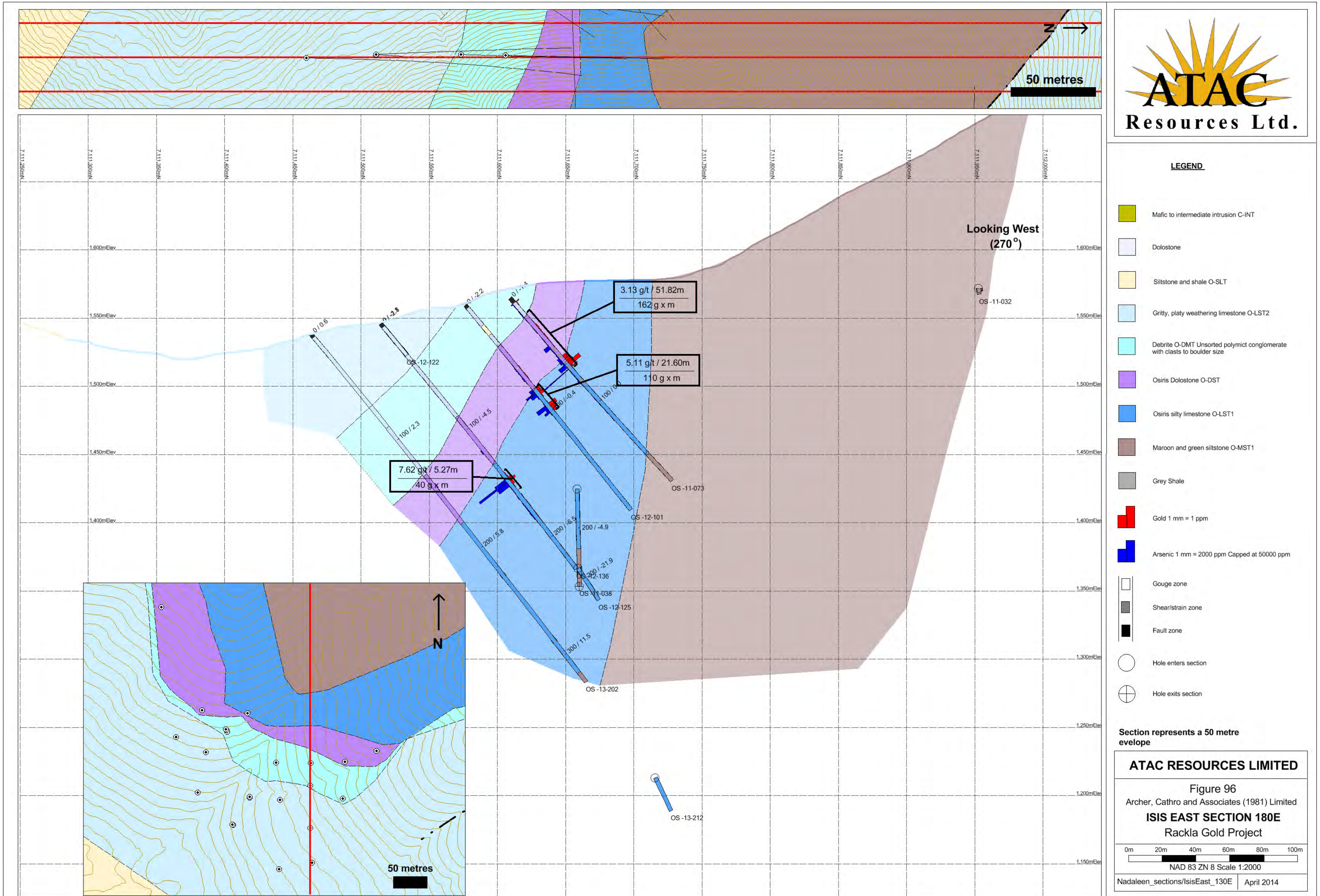
ISIS EAST SECTION 130E

Rackla Gold Project

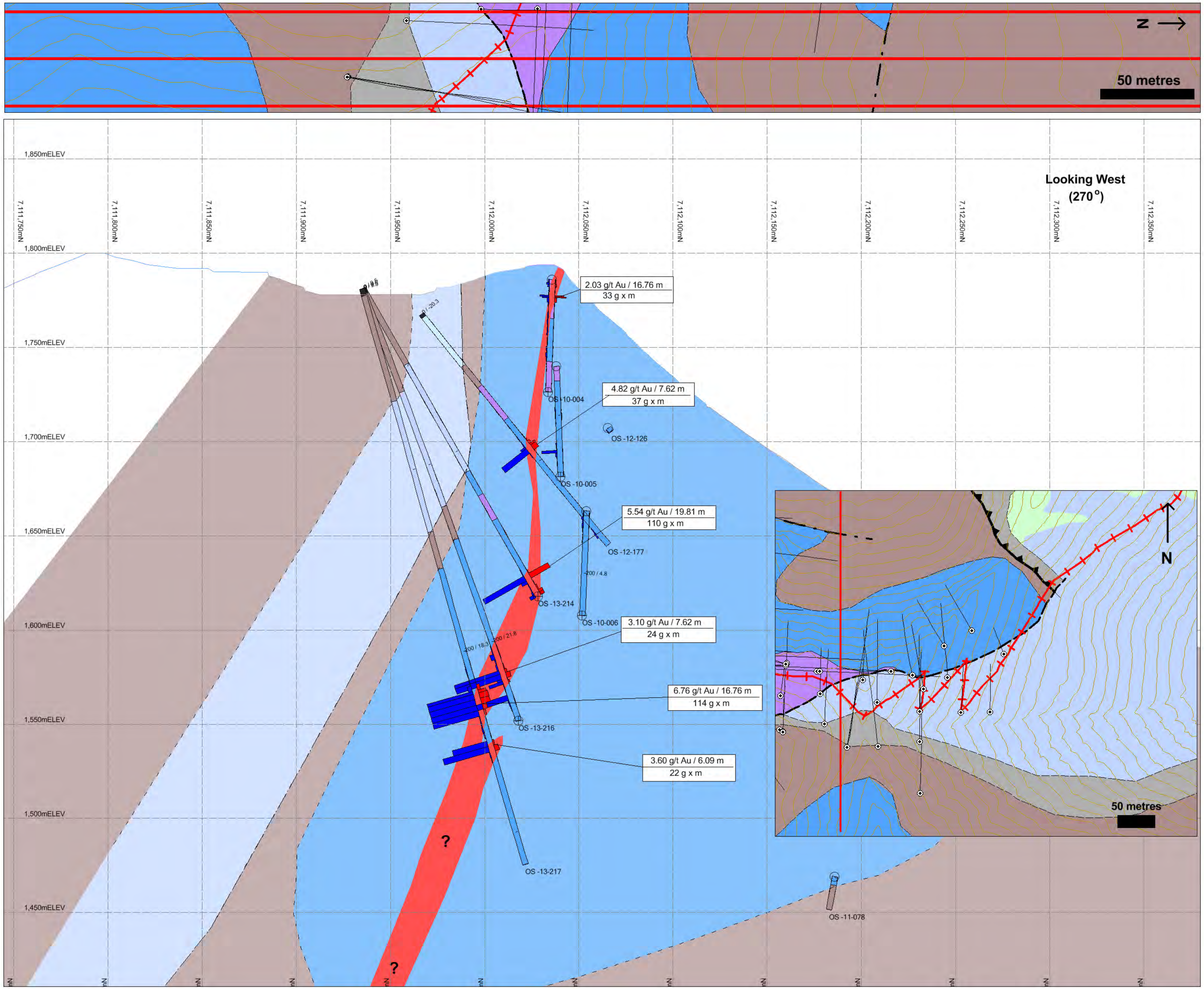
0m 25m 50m 75m 100m 125m

NAD 83 ZN 8 Scale 1:2500

Nadaleen_sections/IsisEast_130E | April 2014



ATAC Resources Ltd.
LEGEND
Mafic to intermediate intrusion C-INT
Dolostone
Siltstone and shale O-SLT
Gritty, platy weathering limestone O-LST2
Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
Osiris Dolostone O-DST
Osiris silty limestone O-LST1
Maroon and green siltstone O-MST1
Grey Shale
Gold 1 mm = 1 ppm
Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
Gouge zone
Shear/strain zone
Fault zone
Hole enters section
Hole exits section
Section represents a 50 metre evelope
ATAC RESOURCES LIMITED
Figure 96
Archer, Cathro and Associates (1981) Limited
ISIS EAST SECTION 180E
Rackla Gold Project
0m 20m 40m 60m 80m 100m
NAD 83 ZN 8 Scale 1:2000
Nadaleen_sections/IsisEast_130E
April 2014
Looking West (270°)
50 metres
N
3.13 g/t / 51.82m
162 g x m
5.11 g/t / 21.60m
110 g x m
7.62 g/t / 5.27m
40 g x m
OS -11-032
OS -11-073
OS -12-101
OS -12-122
OS -12-136
OS -11-038
OS -12-125
OS -13-202
OS -13-212
1,600mElev
1,550mElev
1,500mElev
1,450mElev
1,400mElev



ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 97

Archer, Cathro and Associates (1981) Limited

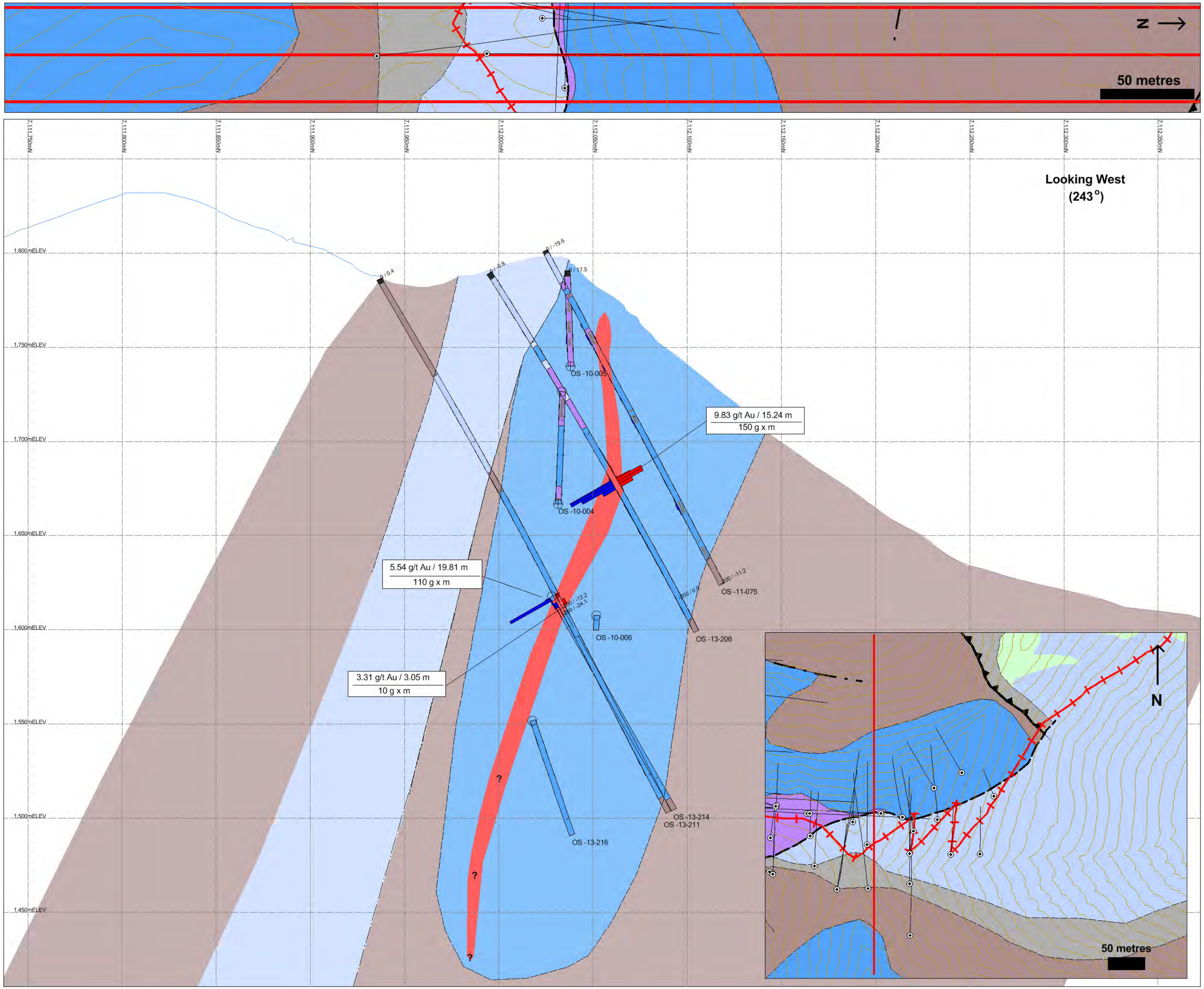
SUNRISE SECTION 500E

Rackla Gold Project

0m 20m 40m 60m 80m 100m

NAD 83 ZN 8 Scale 1:2000

Sunrise_sections11by17.wor	April 2014



![ATAC Resources Ltd.]

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 98

Archer, Cathro and Associates (1981) Limited

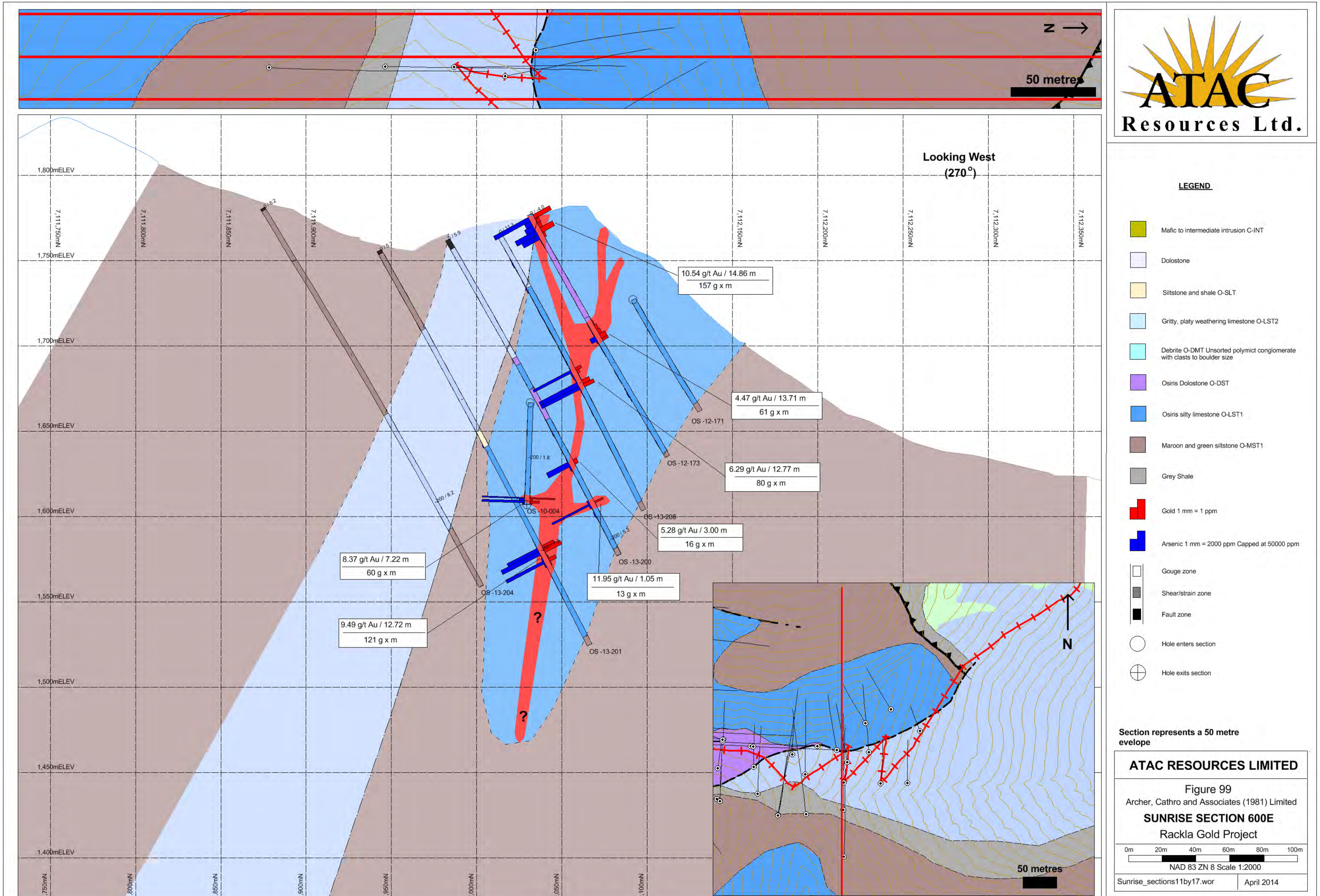
SUNRISE SECTION 550E

Rackla Gold Project

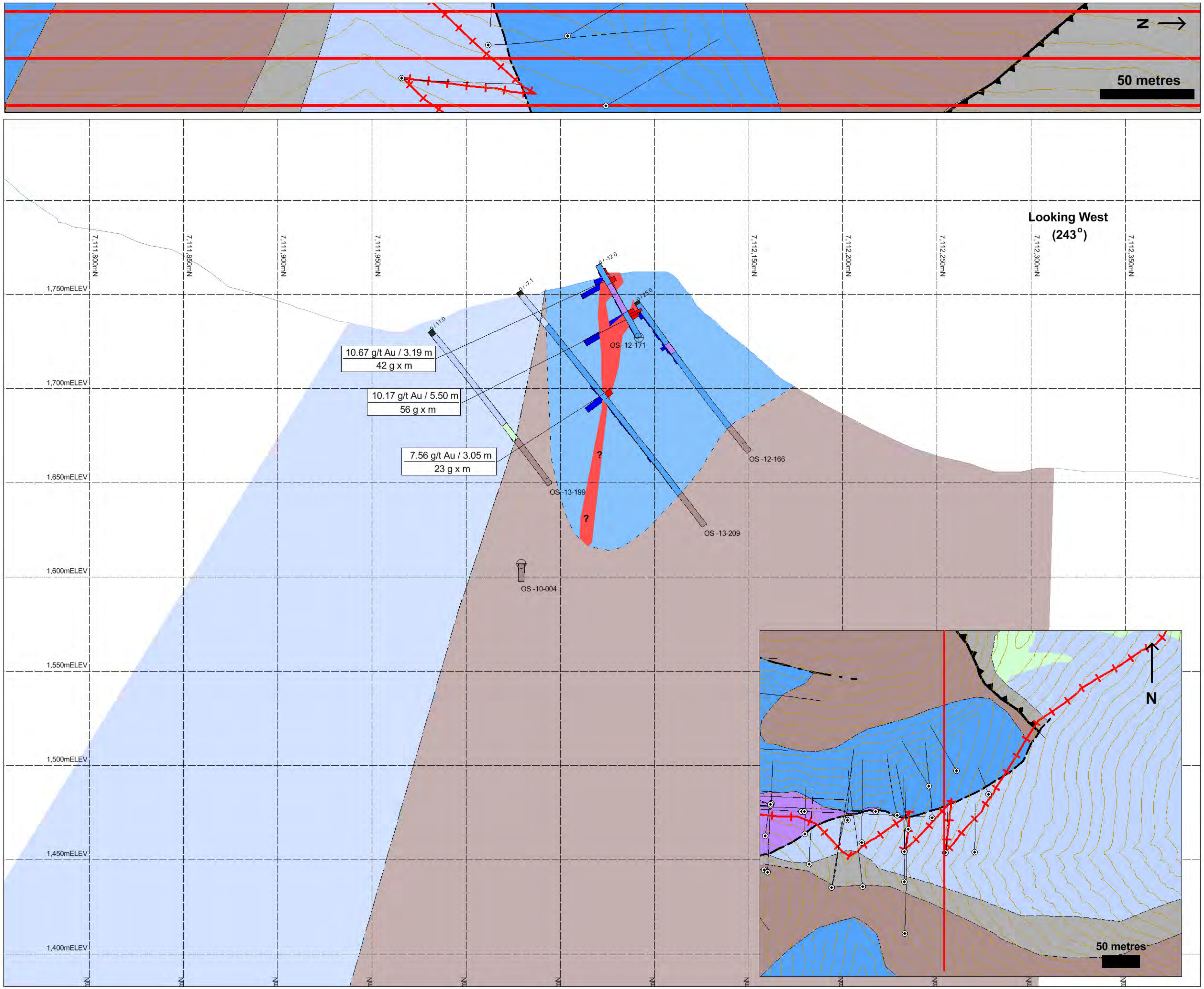
0m 20m 40m 60m 80m 100m

NAD 83 ZN 8 Scale 1:2000

Sunrise_sections11by17.wor | April 2014



ATAC
Resources Ltd.
50 metres
N
Looking West
(270°)
1,800mELEV
1,750mELEV
1,700mELEV
1,650mELEV
1,600mELEV
1,550mELEV
1,500mELEV
1,450mELEV
1,400mELEV
7,111,750mN
7,111,800mN
7,111,850mN
7,111,900mN
7,112,150mN
7,112,200mN
7,112,250mN
7,112,300mN
7,112,350mN
1,750mN
1,800mN
1,850mN
1,900mN
1,950mN
2,000mN
2,050mN
2,100mN
10.54 g/t Au / 14.86 m
157 g x m
4.47 g/t Au / 13.71 m
61 g x m
6.29 g/t Au / 12.77 m
80 g x m
5.28 g/t Au / 3.00 m
16 g x m
11.95 g/t Au / 1.05 m
13 g x m
8.37 g/t Au / 7.22 m
60 g x m
9.49 g/t Au / 12.72 m
121 g x m
OS -12-171
OS -12-173
OS -13-208
OS -13-200
OS -13-201
OS -13-204
OS -10-004
?
?
LEGEND
Mafic to intermediate intrusion C-INT
Dolostone
Siltstone and shale O-SLT
Gritty, platy weathering limestone O-LST2
Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
Osiris Dolostone O-DST
Osiris silty limestone O-LST1
Maroon and green siltstone O-MST1
Grey Shale
Gold 1 mm = 1 ppm
Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
Gouge zone
Shear/strain zone
Fault zone
Hole enters section
Hole exits section
Section represents a 50 metre evelope
ATAC RESOURCES LIMITED
Figure 99
Archer, Cathro and Associates (1981) Limited
SUNRISE SECTION 600E
Rackla Gold Project
0m 20m 40m 60m 80m 100m
NAD 83 ZN 8 Scale 1:2000
Sunrise_sections11by17.wor
April 2014



Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 100

Archer, Cathro and Associates (1981) Limited

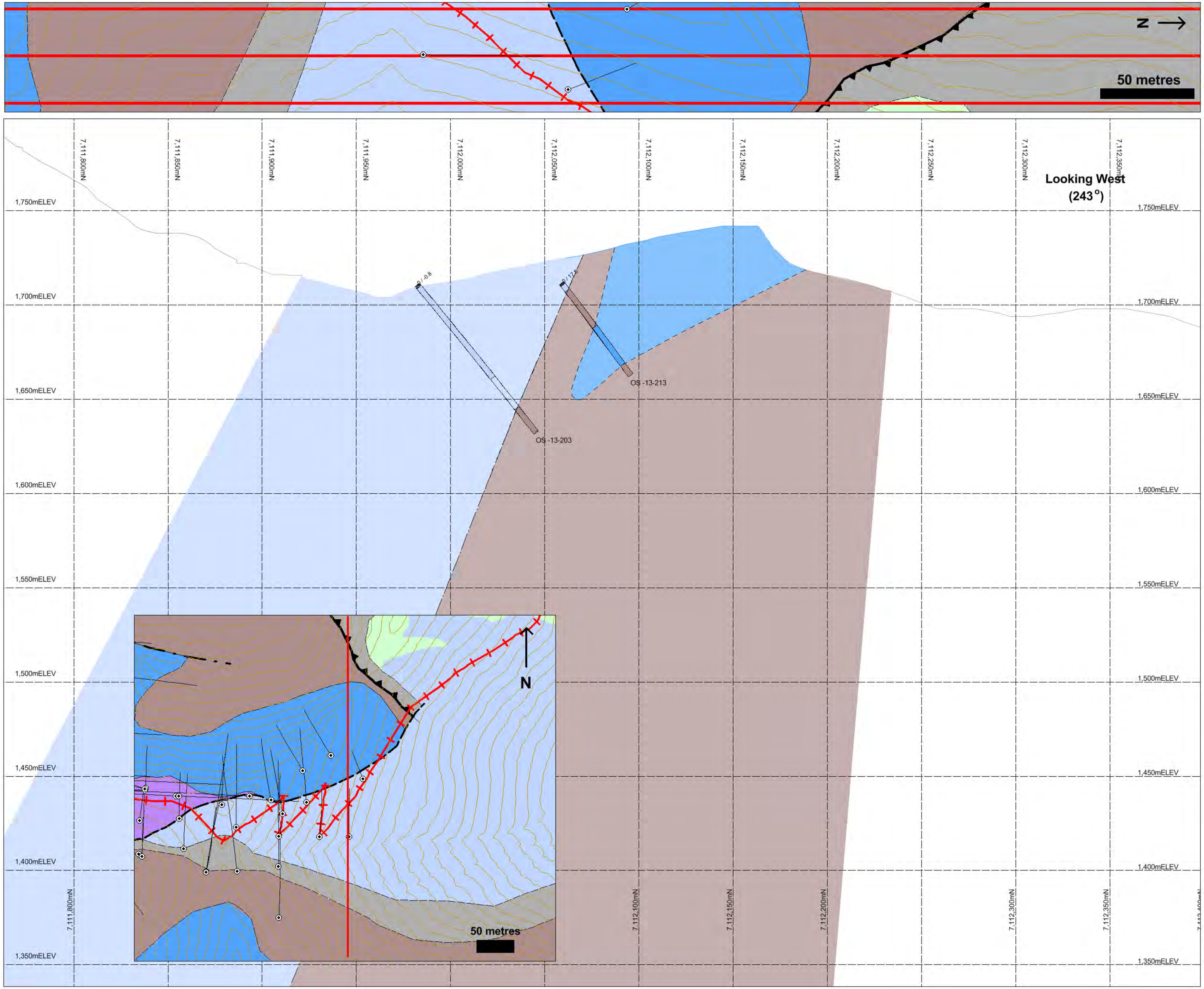
SUNRISE SECTION 650

Rackla Gold Project

0m 20m 40m 60m 80m 100m

NAD 83 ZN 8 Scale 1:2000

Sunrise_sections11by17.wor	April 2014



ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 101

Archer, Cathro and Associates (1981) Limited

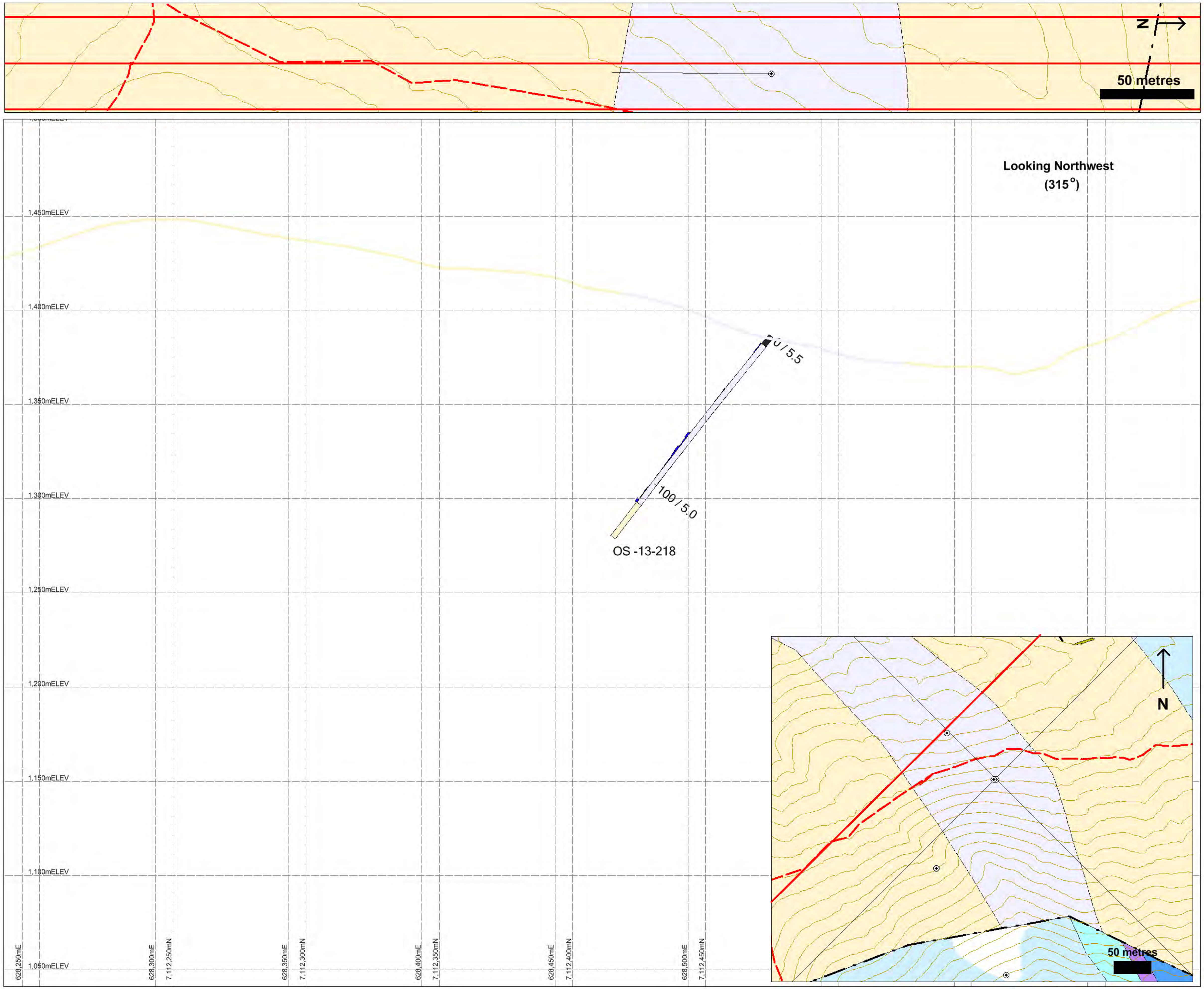
SUNRISE SECTION 700E

Rackla Gold Project

0m 20m 40m 60m 80m 100m

NAD 83 ZN 8 Scale 1:2000

Sunrise_sections11by17.wor | April 2014



ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 102
Archer, Cathro and Associates (1981) Limited

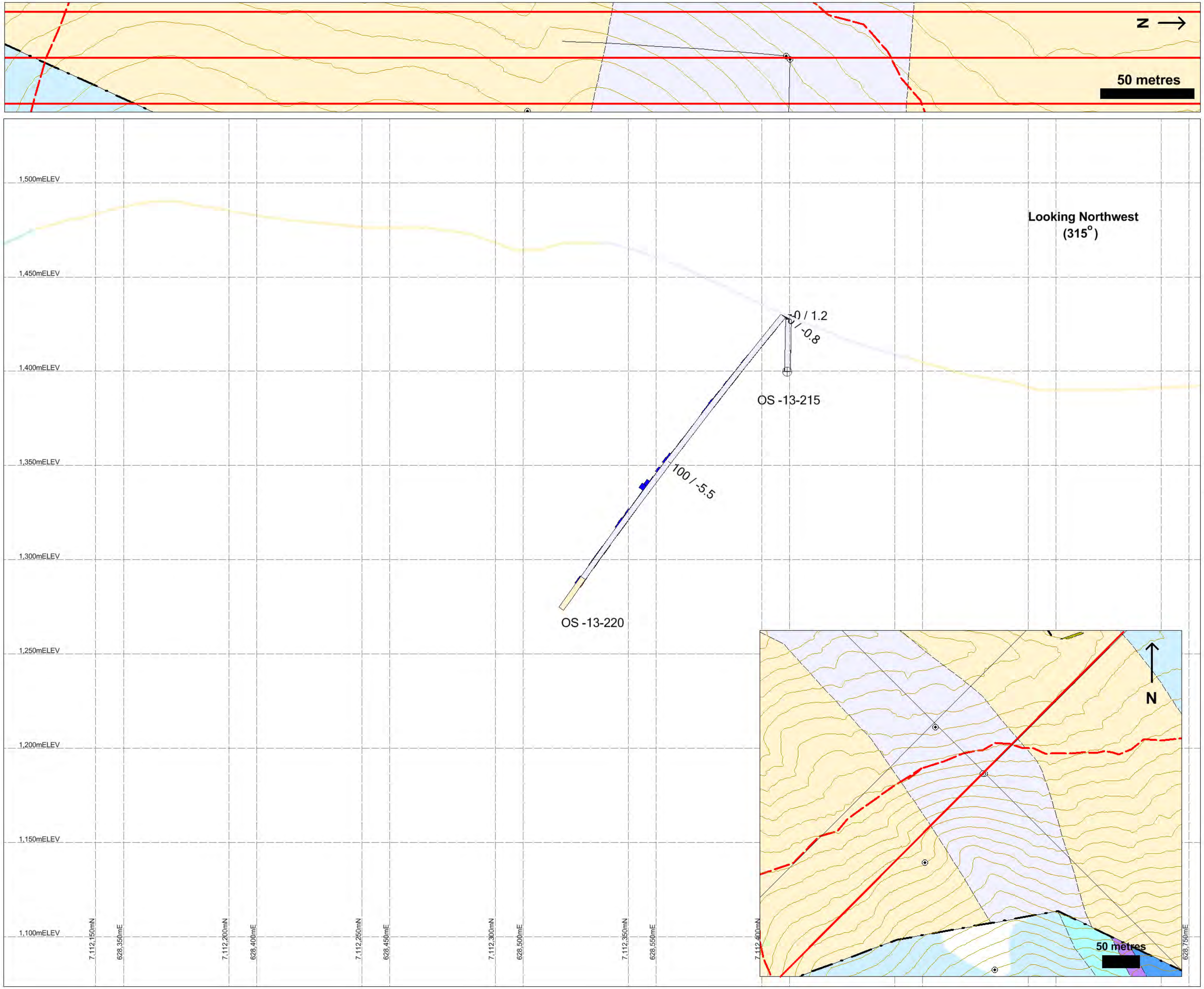
ISIS SECTION 550aW

Rackla Gold Project

0m 20m 40m 60m 80m 100m

NAD 83 ZN 8 Scale 1:2000

Isis_sections11by17.wor | April 2014



ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 103

Archer, Cathro and Associates (1981) Limited

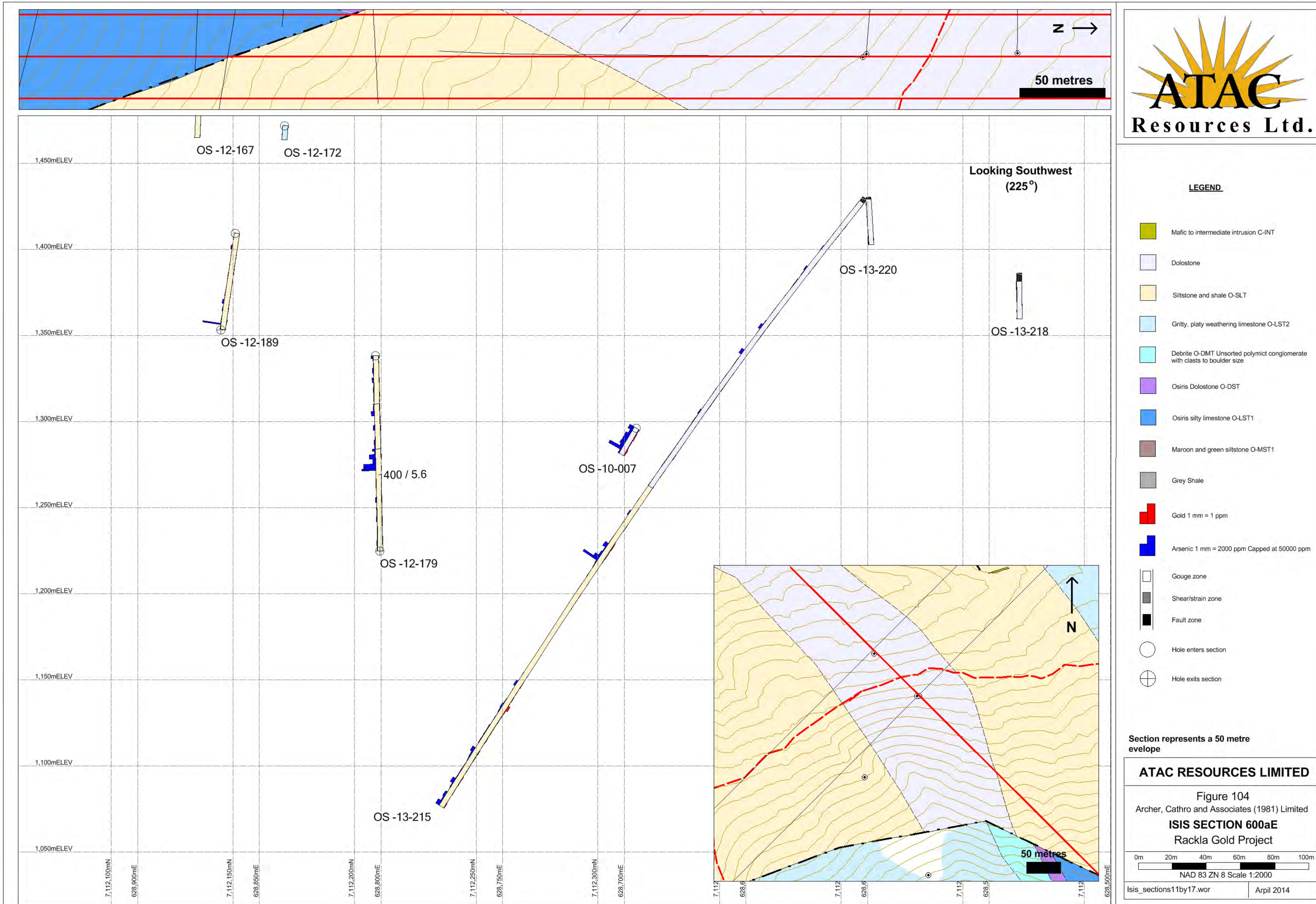
ISIS SECTION 600aW

Rackla Gold Project

0m 20m 40m 60m 80m 100m

NAD 83 ZN 8 Scale 1:2000

Isis_sections11by17.wor | April 2014



N
50 metres
ATAC Resources Ltd.
OS -12-167
OS -12-172
1,450mELEV
Looking Southwest (225°)
1,400mELEV
OS -12-189
OS -13-220
1,350mELEV
OS -13-218
1,300mELEV
400 / 5.6
OS -10-007
1,250mELEV
OS -12-179
1,200mELEV
1,150mELEV
1,100mELEV
OS -13-215
1,050mELEV
7,112,100mN
628,900mE
7,112,150mN
628,850mE
7,112,200mN
628,800mE
7,112,250mN
628,750mE
7,112,300mN
628,700mE
628,500mE
LEGEND
Mafic to intermediate intrusion C-INT
Dolostone
Siltstone and shale O-SLT
Gritty, platy weathering limestone O-LST2
Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
Osiris Dolostone O-DST
Osiris silty limestone O-LST1
Maroon and green siltstone O-MST1
Grey Shale
Gold 1 mm = 1 ppm
Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
Gouge zone
Shear/strain zone
Fault zone
Hole enters section
Hole exits section
Section represents a 50 metre evelope
ATAC RESOURCES LIMITED
Figure 104
Archer, Cathro and Associates (1981) Limited
ISIS SECTION 600aE
Rackla Gold Project
0m 20m 40m 60m 80m 100m
NAD 83 ZN 8 Scale 1:2000
Isis_sections11by17.wor
Arpil 2014