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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING, EXCAVATOR TRENCHING, GEOLOGICAL MAPPING, AUGER AND DIAMOND DRILLING

along the Nadaleen Trend of the

RACKLA GOLD PROPERTY

AT 1-206, BT 1-192, EX 1-18, GF 3-4, PH 1-22, S 1-1250, T 748 – 1071, T 1522 – 3125, T 3132-3133, Jam 1-32, Dale 1-12, EN 1-192, IS 1-28, OS 1-576, OS 641-676, OS 749-770, OS 841-846, OS 913-1076, ST 1-517, Sten 1-142, WH 1-61

NTS 106C/01, 02, 03, 07, 08 and 106B/04
Latitude 64°02´N to 64°16´ N; Longitude 133°19´W to 131°54´W

in the

Mayo Mining District, Yukon Territory

Field work performed from June 3rd to September 15th, 2014

prepared by

Archer, Cathro & Associates (1981) Limited

for

ATAC RESOURCES LTD.

by

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May 2015

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INTRODUCTION

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

This report describes the work completed, methods used and the results obtained from the 2014 exploration program conducted along the Nadaleen Trend portion of the property between June 3rd and September 15th, 2014. Management and labour for the project was provided by Archer, Cathro & Associates (1981) Limited (Archer Cathro) on behalf of ATAC. The authors supervised and participated in the program and interpreted all resulting data. The authors' Statements of Qualifications are listed in Appendix I; while Appendix II provides a Statement of Expenditures related to the program.

PROPERTY LOCATION, CLAIM DATA, ACCESS AND INFRASTRUCTURE

The Nadaleen Trend project of the Rackla Gold Property consists of 4156 contiguous mineral claims located from 64°02´N to 64°16´ N and stretching from 133°19´W to 131°54´W on NTS map sheets NTS 106C/01, 02, 03, 07, 08 and 106B/04 (Figure 1). The claims are all registered with the Mayo Mining Recorder in the name of Archer Cathro, who holds them in trust for ATAC. Specifics concerning claim registration are tabulated below while the locations of individual claims are shown on Figures 2-5.

TABLE I: NADALEEN TREND CLAIM INFORMATION

Claim Name	Claim From	Claim To	Grant From	Grant To	Expiry
AT	1	206	YF44251	YF44456	28-Apr-26
BT	1	192	YF42501	YF42692	28-Apr-20
Dale	1	12	YD08533	YD08544	28-Apr-35
EN	1	192	YD01401	YD01592	28-Apr-28
EX	1	18	YD72482	YD72499	28-Apr-26
GF	3	4	YC32305	YC32306	28-Apr-29
IS	1	28	YC99751	YC99778	28-Apr-28
JAM	1	32	YD08501	YD08532	28-Apr-22
OS	1	576	YD69731	YD70306	28-Apr-26
OS	641	676	YD70371	YD70406	28-Apr-28
OS	749	770	YD70479	YD70500	28-Apr-28
OS	841	846	YD70571	YD70576	28-Apr-28
OS	913	1076	YD70643	YD70806	28-Apr-28
PH	1	22	YE55701	YE55722	28-Apr-26
RR	1	222	YC89701	YC89922	28-Apr-20
ST	1	431	YD26901	YD27331	28-Apr-32
ST	432	517	YD27332	YD27417	28-Apr-29
STEN	1	20	YC99501	YC99520	28-Apr-37
STEN	21	38	YC99523	YC99540	28-Apr-35
STEN	39	54	YD08485	YD08500	28-Apr-35
STEN	55	142	YD10405	YD10492	28-Apr-35

T	748	1071	YD22878	YD23201	01-Mar-29
T	1522	2157	YD23652	YD24287	01-Mar-19
T	2158	-	YD24288	-	01-Mar-23
T	2159	-	YD24289	-	01-Mar-19
T	2160	-	YD24290	-	01-Mar-23
T	2161	-	YD24291	-	01-Mar-19
T	2162	-	YD24292	-	01-Mar-23
T	2163	-	YD24293	-	01-Mar-19
T	2164	-	YD24294	-	01-Mar-23
T	2165	-	YD24295	-	01-Mar-19
T	2166	-	YD24296	-	01-Mar-23
T	2167	-	YD24297	-	01-Mar-19
T	2168	-	YD24298	-	01-Mar-23
T	2169	-	YD24299	-	01-Mar-19
T	2170	-	YD24300	-	01-Mar-23
T	2171	-	YD24301	-	01-Mar-19
T	2172	-	YD24302	-	01-Mar-23
T	2173	-	YD24303	-	01-Mar-19
T	2174	-	YD24304	-	01-Mar-23
T	2175	-	YD24305	-	01-Mar-19
T	2176	-	YD24306	-	01-Mar-23
T	2177	-	YD24307	-	01-Mar-19
T	2178	-	YD24308	-	01-Mar-23
T	2179	-	YD24309	-	01-Mar-19
T	2180	-	YD24310	-	01-Mar-23
T	2181	-	YD24311	-	01-Mar-19
T	2182	-	YD24312	-	01-Mar-23
T	2183	-	YD24313	-	01-Mar-19
T	2184	-	YD24314	-	01-Mar-23
T	2185	-	YD24315	-	01-Mar-19
T	2186	-	YD24316	-	01-Mar-23
T	2187	-	YD24317	-	01-Mar-19
T	2188	-	YD24318	-	01-Mar-23
T	2189	-	YD24319	-	01-Mar-19
T	2190	-	YD24320	-	01-Mar-23
T	2191	-	YD24321	-	01-Mar-19
T	2192	-	YD24322	-	01-Mar-23
T	2193	-	YD24323	-	01-Mar-19
T	2194	-	YD24324	-	01-Mar-23
T	2195	-	YD24325	-	01-Mar-19
T	2196	-	YD24326	-	01-Mar-23
T	2197	-	YD24327	-	01-Mar-19
T	2198	-	YD24328	-	01-Mar-23
T	2199	-	YD24329	-	01-Mar-19
T	2200	-	YD24330	-	01-Mar-23
T	2201	-	YD24331	-	01-Mar-19
T	2202	-	YD24332	-	01-Mar-23
T	2203	-	YD24333	-	01-Mar-19
T	2204	2295	YD24334	YD24425	01-Mar-23
T	2296	-	YD24426	-	01-Mar-29
T	2297	-	YD24427	-	01-Mar-23
T	2298	-	YD24428	-	01-Mar-29
T	2299	2341	YD24429	YD24471	01-Mar-23
T	2342	2348	YD24472	YD24478	01-Mar-29
T	2349	2387	YD24479	YD24517	01-Mar-23
T	2388	2397	YD24518	YD24527	01-Mar-29
T	2398	2427	YD24528	YD24557	01-Mar-23
T	2428	2437	YD24558	YD24567	01-Mar-29
T	2438	2467	YD24568	YD24597	01-Mar-23
T	2468	2477	YD24598	YD24607	01-Mar-29
T	2478	2507	YD24608	YD24637	01-Mar-23
T	2508	2517	YD24638	YD24647	01-Mar-29
T	2518	2547	YD24648	YD24677	01-Mar-23
T	2548	2557	YD24678	YD24687	01-Mar-29
T	2558	2570	YD24688	YD24700	01-Mar-23
T	2571	2587	YD11401	YD11417	01-Mar-23

T	2588	2597	YD11418	YD11427	01-Mar-29
T	2598	2627	YD11428	YD11457	01-Mar-23
T	2628	2637	YD11458	YD11467	01-Mar-29
T	2638	2667	YD11468	YD11497	01-Mar-23
T	2668	2677	YD11498	YD11507	01-Mar-29
T	2678	2707	YD11508	YD11537	01-Mar-23
T	2708	2717	YD11538	YD11547	01-Mar-29
T	2718	2747	YD11548	YD11577	01-Mar-23
T	2748	2757	YD11578	YD11587	01-Mar-29
T	2758	2771	YD11588	YD11601	01-Mar-23
T	2772	-	YD11602	-	01-Mar-29
T	2773	-	YD11603	-	01-Mar-23
T	2774	-	YD11604	-	01-Mar-29
T	2775	-	YD11605	-	01-Mar-23
T	2776	-	YD11606	-	01-Mar-29
T	2777	-	YD11607	-	01-Mar-23
T	2778	-	YD11608	-	01-Mar-29
T	2779	-	YD11609	-	01-Mar-23
T	2780	-	YD11610	-	01-Mar-29
T	2781	-	YD11611	-	01-Mar-23
T	2782	-	YD11612	-	01-Mar-29
T	2783	-	YD11613	-	01-Mar-23
T	2784	-	YD11614	-	01-Mar-29
T	2785	-	YD11615	-	01-Mar-23
T	2786	-	YD11616	-	01-Mar-29
T	2787	-	YD11617	-	01-Mar-23
T	2788	2807	YD11618	YD11637	01-Mar-29
T	2808	2814	YD11638	YD11644	01-Mar-23
T	2815	2850	YD11645	YD11680	01-Mar-29
T	2851	2858	YD11681	YD11688	01-Mar-23
T	2859	2870	YD11689	YD11700	01-Mar-29
T	2871	2894	YD32901	YD32924	01-Mar-29
T	2895	2902	YD32925	YD32932	01-Mar-23
T	2903	2938	YD32933	YD32968	01-Mar-29
T	2939	2949	YD32969	YD32979	01-Mar-23
T	2950	2957	YD32980	YD32987	01-Mar-29
T	2958	-	YD32988	-	01-Mar-32
T	2959	-	YD32989	-	01-Mar-29
T	2960	-	YD32990	-	01-Mar-32
T	2961	-	YD32991	-	01-Mar-29
T	2962	3004	YD32992	YD33034	01-Mar-32
T	3005	-	YD33035	-	01-Mar-29
T	3006	-	YD33036	-	01-Mar-32
T	3007	-	YD33037	-	01-Mar-29
T	3008	3125	YD33038	YD33155	01-Mar-32
T	3132	3133	YD33239	YD33240	01-Mar-23
T	1	202	YD09731	YD09932	01-Mar-20
T	203	214	YD09933	YD09944	01-Mar-22
T	215	236	YD09945	YD09966	01-Mar-20
T	237	246	YD09967	YD09976	01-Mar-22
T	247	270	YD09977	YD10000	01-Mar-20
T	271	-	YD10001	-	01-Mar-22
T	272	-	YD10002	-	01-Mar-20
T	273	-	YD10003	-	01-Mar-22
T	274	-	YD10004	-	01-Mar-20
T	275	292	YD10005	YD10022	01-Mar-22
T	293	322	YD10023	YD10052	01-Mar-20
T	323	338	YD10053	YD10068	01-Mar-22
T	339	374	YD10069	YD10104	01-Mar-20
T	375	-	YD10105	-	01-Mar-22
T	376	-	YD10106	-	01-Mar-20
T	377	-	YD10107	-	01-Mar-22
T	378	-	YD10108	-	01-Mar-20
T	379	384	YD10109	YD10114	01-Mar-22
T	385	426	YD10115	YD10156	01-Mar-20
T	427	430	YD10157	YD10160	01-Mar-22

T	431	472	YD10161	YD10202	01-Mar-20
T	473	-	YD10203	-	01-Mar-22
T	474	-	YD10204	-	01-Mar-20
T	475	476	YD10205	YD10206	01-Mar-22
T	477	670	YD10207	YD10400	01-Mar-20
T	671	747	YD22801	YD22877	01-Mar-20
T	1072	1521	YD23202	YD23651	01-Mar-20
T	3126	3131	YD33156	YD33161	01-Mar-20
WH	1	61	YF41901	YF41961	28-Apr-26

Expiry dates include 2014 work which has been filed and received assessment credit.

The Nadaleen Trend portion of the property lies 170 km northeast of Mayo, the nearest supply centre. The closest road access is to the community of Keno City, situated 49 km by road northeast of Mayo. Access to the project in 2014 was routed via Mayo to the Stewart airstrip 180 km northwest of Mayo. Alkan Air provided the project's service flights several times per week with a Cessna 208B Grand Caravan. Large or bulky supplies were brought to the property on Nomad Air's Skyvan. The locations of the Stewart airstrip and Nadaleen camp is shown on Figure 6.

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

HISTORY AND PREVIOUS WORK

Locations of showings and historical work areas referred to in this report can be found on Figure 6.

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

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

The Highhawk and Leah showings are situated approximately five and ten kilometres from the Sian showing. They occur within the Leah claims which adjoin the Star, Lee and Nod claims.

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

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

In 1976, the Black, Ida, Red and Eira claims, located approximately 8 km east of the Sian claims, were staked by the Ortell Syndicate (Precambrian Shield Resources Ltd, Giant Yellowknife Mines Ltd, Nemco Resources Ltd and Highwood Resources Ltd). In 1977, the Black and Ida claims were optioned to a joint venture between DeJour Mines Limited and Nova-Co Exploration Limited (Thompson, 1977). Mapping and geochemical sampling on the Ida claims later that year returned moderately anomalous zinc values, with erratic lead and silver support.

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

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

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

Follow-up prospecting in 2010 of the anomalous creek outlined in 2009 led to the discovery of in situ gold mineralization occurring within a folded, deformed carbonate horizon now referred to as the Osiris Zone. A follow up soil grid consisting of 50 metre line spacing and 50 metre sample spacing was conducted over this carbonate horizon. Results from the soil grid yielded four distinct gold anomalies known as Osiris, Conrad, Isis and Isis East.

Drilling in the fall of 2010 defined three gold bearing zones (Lane, 2011). The Osiris Zone returned the most significant gold grades yielding 65.20 metres of 4.65 g/t Au in OS-10-01. Five more holes were drilled within the Osiris Zone with all but one (OS-10-05) intersecting

significant gold mineralization. The Conrad Zone, one kilometer to the east was drilled to target a gold bearing trench. Assay results from this hole included 8.03 g/t Au over 21.13 metres in OS-10-08. A second hole drilled in the Conrad Zone intersected arsenic sulphide mineralization in a siliciclastic package (OS-10-09) with an average gold grade of 1.61 g/t over 39.76 metres. Drilling in the Isis Zone (OS-10-07) one kilometer west of Osiris returned comparatively lower, albeit anomalous gold grades averaging 0.92 g/t over 17.00 metres (Lane, 2011).

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

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

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

ATAC expanded upon the result of the 2012 exploration with a modest program, reflecting a softening of the exploration industry, in 2013. This work included continued diamond drilling at the Conrad, Sunrise and Isis East targets totaling 7,303 metres in 26 holes (Lane and Phillips, 2014). Additionally grid and transect soil geochemical coverage was expanded, while prospecting and mapping geochemically anomalous targets continued along the Nadaleen Trend. A targeted hand and excavator operated pit sampling program in the Anubis Area resulted in the discovery of six new targets including: Lyra, Corona, Dorado, Draco, Columba and Zodiac.

GEOMORPHOLOGY AND CLIMATE

The Nadaleen Trend occurs on the eastern half of the 185 km east west oriented Rackla Gold Property in the Selwyn and Werneke Mountains and is drained by creeks that flow into the Nadaleen, Rackla and Stewart Rivers, all part of the Yukon River watershed. Local topography varies from low forested valleys to alpine terrain and features generally east-west to northwest trending broad glaciated valleys. Elevations range from approximately 600 to 2000 m above sea level. Outcrop is most abundant near ridge crests and in actively eroding creek beds. Most hillsides are talus covered at slope breaks and are blanketed by glacial till at lower elevations.

The region was glaciated in the Late Pleistocene, 22,000 years ago (Duk-Rodkin, 1999) with ice flow generally occurring from east to west.

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

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

REGIONAL GEOLOGY

The Geological Survey of Canada performed geological mapping in the vicinity of the Rackla Gold Property at 1:250,000 scale in the early 1970s (Blusson, 1974). In 1999, the Geological Survey of Canada (Gordey and Makepeace, 1999) completed a compilation of Yukon-wide geology and updated the lithological units named in the Rackla area. The Yukon Geological Survey conducted mapping on 106C/03 and 106C/04 1:50,000 map sheets in 2010 and 2011 (Colpron, 2012 and Chakungal and Bennett, 2010), completed map sheets 106D/01, 106C/01-04 in 2012 (Colpron et al., 2013), extended coverage to the east in 2013 on map sheet 106B/04 (Moynihan, 2014). In early 2015 the Yukon Geological Survey released a draft version of the revised bedrock geology for Yukon.

The Rackla Gold Property straddles the boundary between deep water dominantly clastic rocks of the Selwyn Basin to the south and shallower water shelf strata of the Mackenzie platform to the north (Colpron and Nelson, 2011). The Dawson Fault, which juxtaposes rocks of Selwyn Basin against rocks of Mackenzie Platform, is a crustal break that may date back to late Neoproterozoic rifting and was reactivated as a north directed thrust in the Cretaceous (Macdonald et. al, 2010). The tectonic setting of the Rackla Gold Property is shown in Figure 7, while regional relationships and the importance of the Dawson Fault system are presented in Figure 8.

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

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

REGIONAL LOCATION	AGE	REGIONAL UNIT NAME
North of Kathleen Lakes fault	Neoproterozoic	Windermere Supergoup and Rapitan Group stratigraphy.
Hanging wall (south) of Dawson Thrust fault.	Neoproterozoic to Cambrian	Hyland Group, Earn Group, with south eastern areas dominated by Gull Lake Formation and volcanic rocks of the Old Cabin Formation.
Between Kathleen Lakes and Dawson Thrust faults		Nadaleen and Blueflower Assemblages correlative with the uppermost portion of the Windermere Supergroup overlain by upper Hyland Group stratigraphy.

TABLE III: PALEOZOIC ROCKS ALONG THE NADALEEN TREND

FACIES	AGE	ROCK TYPE
Off Shelf Rocks	Ordovician to Lower Devonian	Black shale of the Road River Group
	Ordovician to Silurian	Limestone and calcareous sandstone
	Middle Devonian	Limestone
	Middle Devonian to Lower Mississippian	Silty-mudstone and limestone; and shale of the Earn Group
	Mississippian to Lower Devonian	Clastic rocks
Platform Rocks	Upper Cambrian to Devonian (?)	Limestone and Dolostone

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

PROPERTY GEOLOGY

The Nadaleen Trend, Anubis Area and Osiris Area geologic maps were refined through detailed mapping and re-examination of existing unit boundaries in 2014. The distribution of lithologies and regional scale structures defined during this mapping program are shown on Figure 9. Stratigraphic relationships between the mapped units along the Nadaleen Trend are shown on a stratigraphic section on Figure 10.

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

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

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

ANUBIS AREA TO OSIRIS AREA – PROPERTY GEOLOGY

Lithologies of the Nadaleen Trend between the Anubis Area and Osiris Area have been divided into three groups: Paleozoic Rocks, Neoproterozoic to Cambrian Rocks and Neoproterozoic Rocks. Descriptions of each of these are provided below, while figures outlining the distribution of these units is shown on Figures 11 and 12.

Paleozoic Rocks – Are exposed from the Pyramid Zone to just south and west of Nadaleen Camp. This group has been subdivided into nine lithologically distinct map units:

- **Mc**: Light to medium grey, well-bedded limestone, locally very fossiliferous; contains large crinoids.
- **mDC**: Light grey crinoidal limestone, contains "two-hole" and "star" crinoids.
- **mDMc**: Black silty mudstone with thin crystalline grey limestone interbeds near top; sections of thick fossil trash limestone deposited as turbidites; black cherty mudstone and black shale at base has apolymetallic "NiMo" geochemical signature.
- **DMEm**: Pyritic silty shale, gritty mudstone, silty mudstone, black dolomitic siltstone and grit.
- **DMEs:** Silvery-grey weathering siliceous shale and silty mudstone, thin bedded barite beds.
- **OScs**: Buff weathering, medium-grained calcareous sandstone and sandy limestone/dolostone; locally gritty and very fossiliferous.
- **OSc**: Thin to medium-bedded, grey and buff weathering, silty limestone; massive, white limestone.
- **Pg**: Dark green to black, fine to medium-grained gabbro, pyroxenite
- **ODrr**: Black shale, locally graptoltic; black limestone.

Neoproterozoic to Cambrian Rocks - This stratigraphy is exposed across the entire length of the map area. It is divided into two lithologic map units as follows:

- **PCHnq**: Buff weathering, locally calcareous quartzite.

- **PCHn**: Maroon and green shale and siltstone, locally bioturbated; locally grey, brown shale; locally green and white sandstone; yellowish-buff weathering dolomitic limestone.

Neoproterozoic Rocks - These rocks are exposed on the northern portions of the Anubis Area near the Dale Target. They are main rocks units exposed at the Osiris Area.

- **PHa**: Light grey to yellowish-buff weathering dolomitic limestone and dolostone; variably dolomitized and variably silty/sandy; locally fine-grained, dolomitic sandstone; commonly graded and cross-bedded; minor grey and/or maroon shale; local debris flow units: generally limestone pebble to cobble breccia and conglomerate; some polymictic breccia, locally boulder-size

- **PSs**: Brown-weathering, grey shale and siltstone; minor sandstone and grit; rhythmically bedded, brown-weathering, grey limestone and shale; calcareous shale; thinly-bedded, grey limestone

- **PSc**: Grey, buff, tan, and orange-weathering dolostone, dolomitic sandstone and limestone, commonly planar and/or cross laminated; calcareous shale and siltstone; maroon shale, carbonate-clast diamictite and conglomerate; pink-weathering siltstone at base of unit

- **PNu**: Maroon and green fine grained sandstone-siltstone-mudstone

- **PNl**: Brownish-grey siltstone, mudstone limestone; rhythmically, thin to medium bedded mudstone and limestone; local pink-grey quartz sandstone and quartzite; calcareous grit and sandstone

- **PNc**: Grey bedded limestone

- **NONAD**: Orange-weathering, greenish-brown rythmically bedded fine grained sandstone, siltstone, mudstone; polymictic diamictite conglomerate (carbonate and quartzite pebble to cobble)

OSIRIS AREA – PROPERTY GEOLOGY

Lithologies in the Osiris Area have been subdivided from the regional lithologies due to the extensive detailed mapping and core logging that has taken place between 2010 and 2014. Detailed descriptions of each lithology are outlined below, while their distribution with respect to one another is displayed on Figure 13.

- **C-INT**: A unit only found in drill core in the Conrad Zone, the dykes crosscut the limestone and siliciclastic packages. One of the dykes is light beige-grey in colour, pervasively altered with composed primarily made up of coarse, inter-locking plagioclase

crystals (40-50%) with abundant carbonate (20-30%) and pyrite (5%) along with some isolated crystals of clinopyroxene. A second dyke is similar in composition but texturally distinct with abundant carbonate filled amygdules and plagioclast phenocrysts within a very fine grained groundmass. Both dykes generally parallel the Nadaleen fault zone and range in thickness from 25 cm to 25 m. The dykes are locally mineralized with abundant pyrite and trace realgar, therefore pre-dating mineralization. Tucker, 2014 documented that these dykes have a U-Pb Zircon age of 74.4 ± 1.0 Ma. This age does not correlate with any other known intrusions identified within the Rackla Gold Project area indicating the presence of a previously un-recognized Late Cretaceous magmatic event.

- **O-INT**: Greyish-green gabbro with a slight rusty coating on weathered surfaces. Fresh surfaces are dark grey and coarsely crystalline, while chilled margins are typically present along the margins of the intrusion. Results from U-Pb apatite ages, confirmed through Ar-Ar methods by Tucker, 2014 verify that this gabbro is 465.6 ± 4.4 Ma. Intrusions of this time frame have not previously been recognized in this area of the Yukon, although mafic Ordovician magmatism of similar age is present to the east in the Misty Creek Embayment (Goodfellow et al., 1995).

- **IA-DOL:** Buff-weathering, tan massive to fine-silty laminated dolostone. Coarse grained sugary texture occurs in part suggesting hydrothermal alteration.

- **O-LST2:** Very dark grey/black, coarsely crystalline limestone. Often associated with beds of polymict floatstone containing clasts of orange weathering dolostone, limestone, rounded quartz pebbles and minor shale, particularly near the base of the unit. 'Beef' textured calcite layers are common, particularly in outcrops near the Nadaleen camp. Graded calcite cemented pebble conglomerate to sand layers are very distinctive in the Osiris area. Larger quartz clasts can be quite angular.

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

- **O-DST**: Fine grained dolostone, texturally similar to O-LST1 unit below, with subtle grey-black crackle texture throughout.

- **O-LST1** Well bedded, tan and grey limestone preserving sedimentary structures including climbing ripples and cross bedding. Monolithic, intraclast rudstone layers, averaging 0.5-2 metres thick, are common throughout the unit, particularly in upper sections. They consist of randomly oriented to imbricated, tabular to equant clasts in a carbonate mudstone matrix. Clast composition is almost exclusively the same as the enclosing carbonate mudstones. Where in contact with underlying maroon siltstones, the limestone is characteristically orangey-tan weathering vs. light grey weathering where underlying siltstones are green. Lower in the section, the limestone includes interbedded

calcareous and non-calcareous lithic and arkosic sandstones. Total thickness of this limestone/dolostone package at Osiris/Ibis averages 150 m.

- **O-MST**: Maroon and green siltstone, finely laminated. This unit is generally identified by its proximity to the overlying **O-LST1**.

- **C-LST2** Very dark grey/black, coarsely crystalline limestone thickly bedded with rare debrite clasts. 'Beef' textured calcite layers are common.

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

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

- **C-DOL**: Light grey to beige finely crystalline hydrothermal dolomite with thin bedding present locally with distinct black crackle breccia veinlets throughout. This distinctive dolostone horizon follows a traceable horizon in drill core and averages 10 metres thick.

- **C-SLC:** Laminated siltstone to sandstone with disseminated pyrite throughout, variably containing matrix supported quartz-grit to pebble conglomerate intervals throughout.

- **C-LST1** light grey weathering, silty laminated clastic micritic limestone. 'Beef' and 'cone-in-cone' calcite lenses are common in addition to wispy fine grained quartz sandstone layers. The unit is intruded by gabbroic dykes.

- **NONAD:** A thick sequence of argillaceous mudstone separated from Conrad and Osiris stratigraphy by the east-trending Nadaleen fault. The unit is a moderately to readily weathering sequence, producing fine talus on slopes. The unit has a distinctive tan to rusty-brown weathering colour, while fresh surfaces are dominantly grey-green though can be maroon locally. Locally, there are lenses of diamictite with rounded sedimentary granules to pebbles in a sandy, calcareous matrix. The unit has been subjected to minor faulting throughout with well-developed cleavage locally. Thin, (3-15 mm) en-echelon calcite and dolomite veinlets are abundant throughout the unit; these veins tend to weather recessively. The Nonad mudstone contrasts starkly with all units to the south of the Nadaleen fault; the superposition of this package with sedimentary sequences to the south is a defining characteristic of the Nadaleen trend.

MINERALIZATION

The focus of exploration along the Nadaleen Trend is for carlin-style gold mineralization. Carlin-style deposits have been reported around the world, but to date, major economic occurrences have been restricted to the Great Basin of the southwestern United States. Recent discoveries along the Nadaleen Trend have many characteristics of Carlin-type deposits, and

hold promise of great potential for new discoveries of economic importance (Arehart et al., 2013).

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

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

TABLE IV – SUMMARY OF MINERALIZED ZONES DISCOVERED ALONG THE NADLAEEN TREND

Area	Mineralized Zone	Year Discovered	Comments	Mineralization Type
Osiris Area	Osiris Zone	2010	Original location of the discovery of Carlin-type mineralization in 2010. Discovery hole OS-10-01 returned 65.20 m of 4.65 g/t gold. 59 drill holes have been completed and the zone remains open down dip and to the north.	Carlin-Type Au
	Conrad Zone	2010	800 metres northeast of Osiris, Conrad is the most advanced Carlin-type gold zone with 107 holes drilled to date. It has a total strike length of 800 metres and remains open in all directions. Highlight 2012 hole intersected 42.93 metres of 18.44 g/t gold in hole OS-12-114. Hole OS-14-230 intersected 42.67 metres of 3.03 g/t Au including 6.09 metres of 13.61 g/t Au below the previous limit of drill intersections opening the Conrad zone up at depth.	Carlin-Type Au
	Ibis Zone (previously Isis East)	2011	Encouraging near surface gold zone directly south of Osiris with 26 drill holes. Highlight 2013 drill hole intersected 21.87 metres of 2.62 g/t gold in OS-13-207. Mineralization remains open at depth with scattered untested gold in soil anomies along strike to the east and west.	Carlin-Type Au
	Sunrise Zone	2012	Directly east of Osiris the true discovery of the Sunrise zone was uncovered during road building in 2012. A total of 19 holes have been drilled. Hole OS-13-217 intersected 16.76 metres of 6.79 g/t gold. Sunrise Zone remains open at depth and to the	Carlin-Type Au

			west below the current tier of drill intersections at Osiris.	
	Isis Zone	2010	Large gold in soil anomaly 600 metres west of Osiris. Rock grab samples up to 28.9 g/t Au. To date, most significant mineralization encountered during drilling includes 17.00 metres of 0.92 g/t Au in hole OS-10-07.	Carlin-Type Au
Anubis Area	Anubis	2012	Located 10 kilometres west of Osiris, outcrop samples collected in 2012 returned up to 139 g/t Au. Hole AN-12-01 intersected 8.51 metres of 19.85 g/t gold within strongly altered carbonate interbeds within an argillite package. Anubis was a major focus of regional surface exploration in 2013.	Carlin-Type Au
	Ana	2012	550 metres northwest of Anubis, grab samples from hand pits collected at the sites of anomalous gold-in-soil samples returned up to 5.59 g/t Au in clay rich fault breccia. Two drill holes targeted this fault zone at depth in 2012 though no significant mineralization was intersected.	Carlin-Type Au
	Draco	2013	1.4 kilometres northwest of Anubis within a moderate silver, mercury and thallium geochemical anomaly. Excavator pits dug in 2013 in the vicinity of the soil anomaly returned rock samples yielding up to 1.57 g/t Au in moderately oxidized thickly bedded limestone.	Carlin-Type Au
	Columba	2013	1.8 kilometres northwest of Anubis on a north facing thickly covered area within a strong mercury anomaly. Grab samples from excavator pits returned up to 0.52 g/t Au from altered argillite samples collected proximal to the Anubis Fault.	Carlin-Type Au
	Dorado	2013	2.2 kilometres northwest of Anubis within a moderately strong mercury and thallium soil geochemical anomaly. Grab samples from hand pits returned up to 4.64 g/t Au in strongly oxidized limestone.	Carlin-Type Au
	Zodiac	2013	3.5 kilometres northwest of Anubis within a strong mercury and thallium anomaly. Mineralization was confirmed through prospecting and hand pitting in 2013. Grab samples from hand pits returned up to 1.03 g/t Au within gouge material of the Anubis Fault. Samples mineralized in up to 900 g/t Ag, 11.75 % Pb and 28.99% Zn showed strong silica alteration of dolomitic limestone proximal to the Anubis fault.	Carlin-Type Au & earlier (?) Ag, Pb, Zn
	Corona	2013	400 metres east-northeast of Anubis, within a moderately strong arsenic and strong thallium anomaly. Samples collected from excavator pits dug within the surface trace of the Northern Fault returned gold up to 2.41 g/t Au within altered argillite. Arsenic and lead oxide coated samples containing galena returned up to 2,910 g/t Ag, and 73.15 % Pb.	Carlin-Type Au & earlier (?) Ag, Pb
	Hydra	2012	600 metres north of Anubis, with a strong arsenic and thallium soil geochemical anomaly. Samples collected from hand pits returned up to 0.80 g/t Au	Carlin-Type Au & earlier (?) Ag, Pb

			within rubbly variably oxidized limestone. Excavator pit sampling in 2013 returned samples with up to 151 g/t Ag, 0.2 % Pb and 2.45 % Zn.	
	Lyra	2013	2.95 kilometres northwest of Anubis and associated with a strong thallium soil geochemical anomaly. Silver and lead mineralization occurs associated with galena veinlets up to 2 centimeter thick within strongly altered dolomite (?) with antimony and lead oxide coating.	Ag, Pb

ROCK GEOCHEMISTRY

GENERAL

The goal of the 2014 geochemical sampling program along the Nadaleen Trend was to further test known mineralized zones to locate their bedrock source as well as discover new mineralized zones. In total, samplers collected 539 rock samples. The location overview for these samples is shown on Figure 14, while Figures 15-25 display the detailed location and sample number for each respective sample. Rock and trench sampling and analytical procedures are available in Appendix III while sample descriptions for Rock samples are available in Appendix IV. Certificates of Analysis for rock samples are shown in Appendix V

TABLE V: 2011-2014 NADALEEN TREND ROCK SAMPLES THRESHOLDS

Thresholds	Au (ppm)	Ag (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Tl (ppm)	Pb (ppm)	Zn (ppm)
Background	0.01	1.0	475	5.0	9.78	1.78	52.4	561
High Background	0.05	2.1	1655	21.6	36.80	3.93	217	1840
Anomalous	0.18	5.9	4440	94.1	107.25	8.09	1037	5830
Moderately Anomalous	0.77	26.0	16,720	728.2	529.60	18.78	7886	46,420
Strongly Anomalous	1.75	132.1	26,910	1405	5769	32.67	22,710	137,800
Peak Value	102	752	57,200	1,960	535	147	71,100	263,000

ROCK SAMPLING RESULTS

The 2014 sampling program confirmed the bedrock source of some anomalies, as well as located some encouraging new geochemical anomalies. Figures 26-28 show the gold values for anomalous samples from the 2014 program. High grade samples from Anubis (Figure 26) were taken from the discovery outcrop and Anubis gulley, therefore, many elevated samples were resampled material from previous years. Higher grade samples from Hydra (Figure 27) came from resampling of pit material from the 2012 program. High grade samples from the Osiris area (Figure 28) ranged from a cluster of samples at Conrad near a north-south trending fault on the eastern side of the Conrad drill area in the vicinity of section C350E. The samples taken east of Ibis from a shear zone returned elevated gold values up to 1.81 g/t and the area remains an encouraging zone for further exploration.

EXCAVATOR TRENCHING

GENERAL

A trenching program was conducted in the Anubis area between June 9th and August 28th 2014, utilizing a Kubota KX80 operated by 15317 Yukon Inc. A total of 16 308 rock samples were collected from the trenches. The location of the trenches and significant sample results are shown in Figure 29, while Table VI summarizes the total length and zone from which each respective trench was dug.

The focus of the trenching program was to attempt to locate the bedrock sources of multi-element anomalies in the Anubis area generated during previous soil sampling and pitting programs. In conjunction with locating the sources of anomalies, the trenching aimed to rectify geologic mapping in the area, particularly the location and orientation of faults. Sampling and analytical procedures for trenching are located in Appendix III, while trench and sample logs are located in Appendix VI. Certificates of analysis for trench samples are located in Appendix VII

TABLE VI – 2014 EXCAVATOR TRENCH SUMMARY

Trench	Zone	Easting	Northing	Bearing (°)	Length (m)
AnTr-14-001	Hydra	619005	7113461	170.5	38
AnTr-14-002	Hydra	619040	7113697	116.5	10
AnTr-14-003	Corona	619305	7113277	15.5	220
AnTr-14-004	Corona	619391	7113223	90	240
AnTr-14-005	Corona	619404	7113156	40.5	230
AnTr-14-006	Corona	619456	7113121	72.5	230
AnTr-14-007	Ana	618374	7113311	358	130
AnTr-14-008	Ana	618507	7113223	22.5	10
AnTr-14-009	Ana	618404	7113276	18	10
AnTr-14-010	Columba	617482	7113683	68	35
AnTr-14-011	Columba	617443	7113737	19	20
AnTr-14-012	Ana	618568	7113183	35	25
AnTr-14-013	Ana	618512	7113222	11	10
AnTr-14-014	Ana	618399	7113286	6	50
AnTr-14-015	Draco	618038	7113255	20	310
AnTr-14-016	Draco	618045	7113215	23	210

EXCAVATOR TRENCHING RESULTS

Hydra

The trenching program began at Hydra, where trenches ANTR-14-001 and ANTR-14-002 were completed. This trenching was focused near drill hole AN-12-006, which was completed in 2012, targeting a rock sample that returned a value of 0.88 g/t gold, collected near the trace of a prominent northwest trending fault (the “Northern Fault”). Due to the steep south facing slope in

the area, the excavator was not able to access the anomalous sample site, and had to begin 15 metres further north of the sample and projected surface trace of the Northern Fault.

Trenching at Hydra in 2014 uncovered many strongly altered zones of limestone that have been heavily decalcified into “sanded” material. The highest gold value obtained in 2014 was 0.45 ppm while values up to 5570 ppm arsenic were gathered from the strongly altered limestone.

Corona

Trenching at Corona aimed to test a large arsenic-in-soil anomaly and confirm the location of the surface trace of the Northern Fault. Trenches ANTR-14-003 to ANTR-14-006 was completed at Corona in 2014.

Trenching confirmed the location of the Northern Fault, as well as another strong alteration zone. The highest gold grade obtained was 0.11 g/t, but arsenic grades up to 75,700 ppm were taken from the alteration zone in the vicinity of the northern fault. In conjunction to high arsenic and other carlin pathfinder elements, the presence of galena was notable in some of the samples within the alteration zone.

Ana

Trenching at Ana aimed to test the Anubis Fault, as well as possible cross faults. Trenches ANTR-14-007 to ANTR-14-009 and ANTR-14-012 to ANTR-14-014 were completed at Ana.

Trenching at Ana uncovered multiple samples that graded over 1 g/t gold, including one sample that returned a value of 2.3 g/t gold. These samples came from heavily decalcified limestone in alteration zone in the hanging wall of the Anubis fault. These altered and mineralized zones are hypothesized to be at the junction of cross faults cutting the Anubis Fault. Further work is required to define the exact location and orientation of these cross faults.

Columba

Trenching at Columba tested the bedrock source of a large mercury and arsenic soil anomaly, in addition to testing an area where auger drilling detected an alteration zone with coarse realgar. Trenches ANTR-14-010 and ANTR-14-011 were completed at Corona.

Corona trenching confirmed a small alteration zone with heavy calcite flooding and minor decalcification of limestone. Realgar was present in some samples, however the highest gold sample returned 0.20 g/t.

Draco

Trenching at Draco was focused around elevated gold values obtained through previous soil sampling and prospecting. Trenches ANTR-14-015 and ANTR-14-016 were completed at Draco

Trench result from Draco did not return any significant values for gold, however heavily decalcified and bleached limestone with elevated pathfinder elements was observed.

AUGER DRILLING PROGRAM

GENERAL

Excavator assisted auger sampling was conducted at the Columba target between July 23rd and August 6th, utilizing the same Kubota KX80 from the trenching program, with a hydraulic driven 5 inch auger stem attachment operated by 15317 Yukon Inc. This sampling program was designed to collect geochemical samples as close to bedrock as achievable. Additionally, the auger holes were located in the vicinity of the Anubis Fault at the Columba Zone, where thick, variably frozen cover limited the success of pit sampling in 2013. A figure outlining the location of the auger drilling program is shown on Figure 30.

A total of 49 holes were drilled at 10-25 metre intervals on north-easterly trending lines spaced 50-100 metres apart. Closely spaced clusters of holes were drilled in the vicinity of known gold-in-rock anomalies identified in 2013. Depths of the auger holes ranged from 1.52-7.16 metres across the work area. Samples were collected as composites of one quarter of all material on each auger stem. Samples were broken mid-stem in instances of distinct colour or lithological change. In total 134 samples were collected during the auger drill program.

Select section lines displaying results of the auger drilling program with respect to the Anubis fault are shown on Figure 31-34, key information pertaining to the holes occurs in Table VII, observations and drill logs for each hole are in shown in Appendix VI, and all assay results from the samples collected during the program are provided in Appendix VII.

TABLE VII: AUGER DRILL HOLE LOCATIONS AND SPECIFICS

Hole Name	Easting	Northing	Elevation	Azm	Dip	Depth (m)
AnAg-14-001	617501	7113711	1176	0	-90	2.44
AnAg-14-002	617511	7113731	1175	0	-90	2.44
AnAg-14-003	617526	7113750	1173	0	-90	3.05
AnAg-14-004	617532	7113775	1159	0	-90	2.44
AnAg-14-005	617488	7113690	1180	0	-90	2.13
AnAg-14-006	617473	7113666	1177	0	-90	1.98
AnAg-14-007	617461	7113651	1182	0	-90	1.83
AnAg-14-008	617456	7113626	1188	0	-90	2.74
AnAg-14-009	617464	7113600	1191	0	-90	2.44
AnAg-14-010	617553	7113585	1225	0	-90	1.83
AnAg-14-011	617562	7113612	1221	0	-90	2.13
AnAg-14-012	617571	7113623	1216	0	-90	1.52
AnAg-14-013	617579	7113637	1230	0	-90	1.83
AnAg-14-014	617580	7113654	1220	0	-90	1.52

AnAg-14-015	617583	7113665	1218	0	-90	1.83
AnAg-14-016	617581	7113674	1210	0	-90	2.44
AnAg-14-017	617597	7113690	1209	0	-90	4.57
AnAg-14-018	617620	7113697	1206	0	-90	5.18
AnAg-14-019	617642	7113715	1205	0	-90	3.66
AnAg-14-020	617663	7113738	1205	0	-90	3.35
AnAg-14-021	617435	7113821	1129	0	-90	3.96
AnAg-14-022	617433	7113811	1129	0	-90	2.44
AnAg-14-023	617428	7113810	1140	0	-90	6.10
AnAg-14-024	617429	7113805	1130	0	-90	3.05
AnAg-14-025	617412	7113791	1133	0	-90	2.13
AnAg-14-026	617420	7113781	1142	0	-90	3.05
AnAg-14-027	617406	7113773	1134	0	-90	3.05
AnAg-14-028	617384	7113750	1135	0	-90	3.96
AnAg-14-029	617370	7113730	1125	0	-90	7.16
AnAg-14-030	617356	7113704	1134	0	-90	3.05
AnAg-14-031	617346	7113681	1130	0	-90	5.49
AnAg-14-032	617331	7113663	1125	0	-90	3.05
AnAg-14-033	617474	7113770	1154	0	-90	3.05
AnAg-14-034	617458	7113755	1155	0	-90	3.35
AnAg-14-035	617451	7113742	1155	0	-90	4.57
AnAg-14-036	617445	7113733	1155	0	-90	4.57
AnAg-14-037	617433	7113714	1157	0	-90	3.05
AnAg-14-038	617426	7113689	1155	0	-90	2.13
AnAg-14-039	617416	7113665	1155	0	-90	1.52
AnAg-14-040	617424	7113882	1110	0	-90	7.62
AnAg-14-041	617414	7113861	1112	0	-90	7.62
AnAg-14-042	617396	7113839	1111	0	-90	1.52
AnAg-14-043	617384	7113809	1113	0	-90	1.52
AnAg-14-044	617361	7113783	1108	0	-90	3.05
AnAg-14-045	617351	7113739	1115	0	-90	5.49
AnAg-14-046	617433	7113909	1107	0	-90	5.79
AnAg-14-047	617449	7113930	1106	0	-90	5.18
AnAg-14-048	617466	7113949	1104	0	-90	9.14
AnAg-14-049	617468	7113968	1102	0	-90	8.99
AnAg-14-050	618440	7113235	1357	0	-90	3.05

AUGER DRILLING RESULTS

Results from the 2014 auger drill program helped refine the location of the Anubis fault and define lithologic and geochemical boundaries (Figure 30). Auger drilling in the southern portion

of the drill area defined a northwesterly oriented calcite rich corridor within the limestone unit in the footwall of the Anubis fault. Within this corridor, significantly calcite veined limestone was noted, with massive euhedral calcite observed at the southernmost portion of the calcite corridor. This significant increase in calcite both in veinlets and large euhedral crystals could represent the periphery of a zone of significant decalcification of the limestone, a key carlin-type mineralization indicator. Further work should be conducted adjacent to this calcite zone to attempt to locate any decalcified limestone.

Figures 31-34 show the change in soil geochemical values from the hanging wall to the footwall of the Anubis Fault from the Auger drill hole samples. Holes drilled on Section 700N (Figure 31), located on the footwall side of the Anubis fault, have significantly lower concentrations of carlin-type pathfinder elements than holes drilled on the hanging wall side of the fault (Figures 32-34). Also of note are the elevated mercury values that occur on the northwestern holes on the hanging wall side of the Anubis fault. These elevated values are coincident with a widespread mercury-in-soil anomaly defined by previous soil sampling. The auger drilling was not able to locate the bedrock source of the anomaly, but showed that the high values for carlin pathfinder elements are also present deeper in the soil profile. The highest gold value from the auger drilling was 0.09 g/t and came from hole AnAg-14-35.

DIAMOND DRILLING

GENERAL

Diamond drilling was carried out on the Conrad, Sunrise and Anubis Zones between June 16th and September 12th by Superior Diamond Drilling Ltd. of Peachland, BC. The work was completed using HQ and NQ equipment on a heli-portable Discovery II drill. A total of 4,733 m of diamond drilling was completed in 10 holes.

Drills were set up on platforms built from 16 foot timbers covered with planks or on an earth filled log structure of approximately the same size. Each of these pad types were prepared by hand. All drill collars were marked with a piece of drill rod cemented into the hole and labeled with the basic drill hole information.

Drill collar locations are plotted on Figures 35-37, and key data for the holes is listed in Table VIII. Geologic cross sections are presented in Figures 38-45. Sampling and analytical procedures, data verification and QAQC results are provided in Appendix VIII, while geological and sample logs are given in Appendix IX. Certificates of analysis from 2014 sampling are shown in Appendix X.

TABLE VIII: 2014 DIAMOND DRILL HOLE SPECIFICS

Zone	Hole	Easting	Northing	Elevation	Azimuth	Dip	Depth (m)	Core Size
Anubis	AN -14-007	619035	7112969	1493	240	-50	198.12	HQ
Anubis	AN -14-008	619037	7112968	1492	169	-50	230.12	HQ
Anubis	AN -14-009	619087	7113053	1486	202	-62	286.51	HQ-NQ
Sunrise	OS -14-224	629454	7111902	1751	0	-68	349.00	HQ
Sunrise	OS -14-225	629407	7111908	1721	0	-68	370.94	HQ-NQ
Sunrise	OS -14-226	629505	7111865	1792	1	-68	387.49	HQ
Conrad	OS -14-227	630451	7112255	1402	4	80	701.04	HQ-NQ
Conrad	OS -14-228	630451	7112255	1403	356	71	704.09	HQ-NQ
Conrad	OS -14-229	630416	7112362	1374	143	-88	685.80	HQ-NQ
Conrad	OS -14-230	630416	7112362	1374	178	-80	819.91	HQ-NQ

DIAMOND DRILLING RESULTS

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

TABLE IX: 2014 SIGNIFICANT DRILL INTERSECTIONS

Zone	Hole	From (m)	To (m)	Interval (m)	Au (g/t)
Sunrise	OS-14-225	190.50	206.35	15.85	2.03
	and	319.13	331.32	12.19	3.09
	including	319.13	321.16	2.03	9.54
Sunrise	OS-14-226	288.04	298.70	10.66	3.45
Conrad	OS-14-227	434.12	438.52	4.40	5.50
	and	452.80	483.59	30.79	9.50
Conrad	OS-14-228	321.50	361.72	40.22	6.57
	including	323.41	335.28	11.87	18.18
	and	426.72	451.10	24.38	3.00
Conrad	OS-14-229	281.86	301.10	19.24	4.21
	and	371.86	381.00	9.14	2.80
	and	448.06	484.63	36.57	5.06
	including	467.91	481.49	13.58	9.40
Conrad	OS-14-230	624.84	667.51	42.67	3.03
	including	630.94	637.03	6.09	13.61
	and	697.62	719.33	21.71	3.15

Sunrise Zone

The Sunrise Zone occurs within a suite of limestone and dolostone (O-LST1 and O-DST) rocks underlain by a maroon and green to variably grey mudstone (O-MST1) collectively known as the

Osiris Stratigraphy. This stratigraphy, which is also host to mineralization at the Osiris Zone 300 metres to the west, is strongly deformed on the eastern side of the Sunrise Zone. This folded package of sediments is in fault contact with a dark grey crystalline limestone unit (C-LST2) which is stratigraphically overlain by the grey to maroon variants of the fault repeated O-MST1 unit of the Ibis Stratigraphy. A moderately-strong ductile fabric defines the approximately 5 m thick fault zone at Sunrise. Unlike the Osiris Zone where the O-LST1 and O-DST units are easily distinguishable and define a clear stratigraphic marker, at Sunrise intense folding and deformation of the carbonate package makes definition of this contact unachievable.

Gold mineralization at the Sunrise Zone is confined to the carbonates of the undifferentiated O-LST1 and O-DST units and is most commonly controlled by a steeply south dipping corridor that roughly parallels the fault plane. This corridor likely represents an area of increased fluid flow associated with cleavage development from the intense folding of the carbonate units at Sunrise.

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

Drilling in 2014 extended the vertical depth and strike length of mineralization at the Sunrise zone, with the mineralized intervals similar in grade to other previously drilled holes at Sunrise and Osiris.

Conrad Zone

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

Drilling has defined two areas of significant mineralization known as the Upper and Lower Conrad Zone. In the Upper Conrad Zone, gold mineralization occurs along the stratigraphic contact between C-LST1 and the overlying C-SLC package with the best mineralized areas at the crest of the east and west plunging anticlinal fold. Mineralization at the Conrad Lower Zone occurs in multiple stacked, flat-lying bodies within C-LST1, proximal to a laterally extensive, near vertical siltstone-limestone contact.

All mineralized intervals are accompanied by decalcification and deposition of sooty pyrite, giving the mineralized core a darker appearance than unmineralized intervals. This darkening of the core is very subtle to non-recognizable within C-SLC. Realgar is commonly associated with gold bearing zones, existing mainly in veins and fracture fill, but also as disseminations within

the mineralized zone; though not all occurrences of realgar have associated gold. Mineralized zones are also typically associated with a peripheral zone of intense calcite veinlet formation.

These holes focused on extending the known extent of the flat lying mineralized bodies in the Lower Zone. Holes OS-14-227 and OS-14-228 were drilling on Section C450E where pervious drilling had encountered many thick mineralized horizons. Holes OS-14-229 and OS-14-230 were drilled on C400E and encountered the same mineralized horizons drilled on C450E.

Drilling in 2014 confirmed the potential for extending the Lower Zone mineralization in all directions. Most significantly, Hole OS-14-230 was drilled deeper than all previous drill holes at Conrad and encountered two new horizons containing significant high grade gold mineralization.

Anubis Zone

Previous drilling at the Anubis Zone in 2012 focused on testing beneath high grade gold mineralization in outcrop and nearby pit samples along the northwest trending Anubis Fault Zone. Significant gold mineralization was encountered within a highly silicified, variably calcareous, carbonaceous shale in proximity to the Anubis Fault.

Three holes were completed at the Anubis Zone in 2014 to follow-up on the 2012 results. Two of the 2014 holes intersected the Anubis Fault on strike to the northwest and southeast of the discovery hole, while the third hole tested the Anubis Fault at depth. None of the 2014 Anubis holes intersected significant gold mineralization or identified the source of mineralization in the three previous mineralized holes.

DISCUSSION AND CONCLUSIONS

The Rackla Gold Property lies at the boundary between Mackenzie Platform and Selwyn Basin, within geomorphological and geological settings similar to those at the Carlin gold district in northeast Nevada. At the eastern end of the 185 km long Rackla Gold Property, the Nadaleen Trend represents the first discovery of Carlin type gold mineralization in Canada. Progression of the property's known geochemical anomalies has resulted in the discovery of many significant newgold zones.

Prospecting, mapping, trenching and auger drilling in the Anubis area in 2014 helped trace known gold bearing faults and identify new mineralized cross cutting faults over the thickly covered Anubis area. Detailed mapping should continue around all anomalous targets with particular attention paid to the recognition of folds, faults and favourable carbonate stratigraphy, as they are the principal controls on the location of mineralization in gold-rich, carbonate-hosted replacement deposits. Continued focused exploration along the faults and crosscutting structures within the geochemically anomalous Anubis area may result in further discoveries of Carlin type gold mineralization in addition to increased knowledge of the bedrock source of the soil geochemical anomalies. Systematic surface drilling to achieve in-situ samples below areas of significant cover utilizing rotary air blast or deep auger drilling methods would help to evaluate mineral potential of the targets and faults at depth so that the targets can be appropriately prioritized for diamond drilling in the future.

Diamond drilling during 2014 at Conrad focused at exploring the Lower Zone mineralization. This drilling continued to refine the controls of mineralization at the Conrad Zone through the extension of the Lower zone well below the current tier of drill intersections. Mineralization at Conrad remains open along strike and at depth. Drilling at the Sunrise zone extended known mineralization vertically as well as extending the strike length.

It is likely that undiscovered gold occurrences within the Nadaleen Trend occur at depth and may have relatively subdued surface signatures. Further exploration efforts should focus on areas where the coincident presence of favourable indicator elements in soil occurring in association with favourable stratigraphy as well as structural features which could facilitate auriferous fluid transport deposition.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Julia Lane, P.Geo.

Richard Phillips, GIT

REFERENCES

Arehart, G.B.
1996 Characteristics and origin of sediment-hosted disseminated gold deposits: a review. Ore Geology Reviews, vol 11, p. 383-403.

Arehart, G.B., Ressel, M., Carne, R.C., and Muntean J.L.
2013 A Comparison of Carlin-type Deposits in Nevada and Yukon. Society of Economic Geologists, Inc. Special Publication 17, p. 389-401.

Birkeland, A.O.
1978 Mcintyre Mines Ltd, Apr/78. Assessment Report *#090309

Blusson, S.
1974 Drafts of five geological maps of northern Selwyn basin (Operation Stewart), Yukon and District of Mackenzie, N.W.T. (includes NTS 106A, B, C and 105N, O). Geological Survey of Canada, Open File 205, Scale 1:250,000

Chakungal, J. and Bennett, V.
2010 New bedrock geology of Mount Mervyn map sheet (106C/04) and mineral potential for the South Wernecke mapping project. 2010 Yukon Exploration & Geology. Yukon Geological Survey.

Cline, J.S., Hofstra, A., Muntean, J.L., Tosdal, R.M., and Hickey, K.A.,
2005 Carlin-Type Gold Deposits in Nevada: Critical Geologic Characteristics and Viable Models. Economic Geology 100th Anniversary Volume, p. 451-484.

Colpron, M.
2012 Preliminary geological map of Mount Ferrell (106C/3), southern Nadaleen map area. Yukon Geological Survey. Posters - Roundup 2012.

Colpron, M., Moynihan, D., Israel, S. and Abbott, G.
2013 Geological map of the Rackla belt, east-central Yukon, NTS 106C/1-4 and 106D/1. YGS Open File 2013-13.

Colpron, M. and Nelson, J. L.
2011 A digital atlas of terranes for the Northern Cordillera; Yukon Geological Survey and British Columbia Geology Survey, BCGS GeoFile 2011-11 http://www.geology.gov.yk.ca/pdf/CanCord_terranes_2011.pdf

Curry, J.D.
1977 Geochemical survey and preliminary geology for parts of the Eira claim group; prepared for Ortell Syndicate.; Assessment Report #090254.

Duk-Rodkin, A.
1999 Glacial Limits Map of Yukon Territory; Geological Survey of Canada Open File 3694, Indian and Northern Affairs Canada Geoscience Map 1999-2, scale 1:1 000 000.

Eaton, S.
2010 Assessment report describing geochemical sampling at the Sten property; prepared for ATAC Resources Ltd. by Archer, Cathro & Associates (1981) Limited.

Goodfellow, W.D., Cecile, M.P., and Leybourne, M.I.
1995 Geochemistry, petrogenesis, and tectonic setting of lower Paleozoic alkalic and potassic volcanic rocks, Northern Canadian Cordilleran Miogeocline: Canadian Journal of Earth Sciences, v. 32, p. 1236–1254.

Gordey, S.P. and Makepeace, A.J. (compiler)
1999 Yukon bedrock geology in Yukon digital geology; Geological Survey of Canada Open File D3826 and Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-1(D).

Heon, D. (compiler)
2003 Yukon regional geochemical database 2003 – stream sediment analyses. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.

Lane, J.
2011 Assessment report describing the geochemical sampling, geological mapping, diamond drilling and geophysical surveys at the Nadaleen Trend Project, Rackla Gold Property; prepared for ATAC Resources Ltd. by Archer, Cathro & Associates (1981) Limited.

Lane, J. and Carne, J.
2012 Assessment report describing geological mapping, diamond drilling and geophysical surveys at the Nadaleen Trend Project, Rackla Gold Property; prepared for ATAC Resources Ltd. by Archer, Cathro & Associates (1981) Limited.

Lane, J., McDivitt, J.A., Phillips, R., Carne. J.
2013 Assessment Report Describing Geochemical Sampling, Auger Sampling, Geological Mapping, Diamond Drilling, and Geophysical Surveys at the Rackla Gold Property; prepared for ATAC Resources Ltd. by Archer, Cathro & Associated (1981) Limited.

Lane, J., Phillips, R.
2014 Assessment Report Describing Geochemical Sampling, Excavator Pitting, Geological Mapping, and Diamond Drilling along the Nadaleen Trend of the Rackla Gold Property; prepared for ATAC Resources Ltd. by Archer, Cathro & Associated (1981) Limited.

MacDonald, Francis A., Halverson, Galen P., Schmitz, Mark D., Crowley, J.L., Cox, Grant, Smith, Emily F., Strauss, Justin V., and Roots, Charles F.
2010 Timing and Geometry of the Multi-stage Breakup of Rodinia in the Yukon. (Abs). Paper No. 263-2. 2010 GSA Annual Meeting.

McDivitt, J.
2012 Assessment report describing geochemical sampling, geological mapping, and remote sensing surveys at the Rackla Gold Property; prepared for ATAC Resources Ltd. by Archer, Cathro & Associates (1981) Limited.

Moynihan, D.
2014 Bedrock Geology of NTS 106B/04, Eastern Rackla Belt. YGS Open File 2013-18.

Muntean, J.L., Cline, J.S., Simon, A.C., and Longo, A.A.,
2011 Magmatic –hydrothermal origins of Nevada's Carlin-type gold deposits. Nature, vol. 4, p.122-127.

Shearer, J.T.
1975 Mcintyre Mines Ltd, Assessment Report *#090080

Thompson, I.S.
1977 Geochemical report on Black 1-32 and Ida 1-32 claims; prepared for Dejour Mines Ltd.; Assessment Report #090255.

Tucker, M.J., Hart, C.J.R., and Carne, R.C.,
2013 Geology, alteration, and mineralization of the Carlin-type Conrad zone, Yukon. Yukon Exploration and Geology 2012. Yukon Geological Survey, p.163-178.

Tucker, M.J.
2014 Geology, Mineralization and Geochronology of the Conrad Zone Carlin-type Gold Prospect, East-Central Yukon Territory, Canada. A thesis submitted in partial fulfillment of the requirements for the degree of Master of Science in the Faculty of Graduate and Postdoctoral Studies (Geological Sciences) at the University of British Columbia (Vancouver).

APPENDIX I

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

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

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

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

4. I am a partner with Archer, Cathro & Associates (1981) Limited.

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

Julia Lane, P.Geo.

STATEMENT OF QUALIFICATIONS

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

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

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

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

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

Richard Phillips, GIT

APPENDIX II

STATEMENT OF EXPENDITURES

Statement of Expenditures
Nadaleen Group A (606 Claims)
PH 1-22, OS 15-36, 51-78, 93-126, 141-576, ST 67-86, 134-153,
Sten 21-28, 31-38 and T 3106-3113
February 17, 2015

Contract Diamond Drilling (including management)

Superior Diamond Drilling Inc. 4 drill holes - OS-14-227, 228, 229 & 230	$515,571.02

Holes 227 and 228	$248,875.96 on Sten 33
Holes 229 and 230	266,695.06 on Sten 24
	$515,571.02

Statement of Expenditures
Nadaleen Group B (676 Claims)
AT 1-206, EN 55-72, 115-132, 175-192, OS 1-14, 37-50, 79-92, 127-140, ST 55-66, 122-133, 154-253, 284-349, 366-431, Sten 1-12, 29-30, 39-58, T 3002-3003, 3050-3105 and 3114-3125
February 17, 2015

Contract Diamond Drilling (including management)

Superior Diamond Drilling Inc.	$245,893.48
3 drill holes - OS-14-224, 225 & 226 on Sten 29	
Supervisor	13,891.50
Field room and board for drillers and supervisor– 145 days at $180/day	29,597.40
Total	$289,382.38

Statement of Expenditures
Nadaleen Group C (715 Claims)
EN 1-54, 73-114, 133-174, EX 1-18, IS 1-28, OS 641-676, 749-770,
841-846, 913-1076, ST 25-54, 92-121, 254-283, 350-365, Sten 13-20, 59-89,
91, 93, 95, 97, 99, 101, 105-126, T 772-785, 810-823, 848-861, 890-903, 2972-3001,
3004, 3006, 3008-3049
February 17, 2015

Labour

C. Beck (field assistant) – 106.5 days June to September at $552/day – 50%	$ 30,863.70
	30,863.70

Expenses (including management fee)

Field room and board – 105 1/4 mandays @ $180/manday	21,483.63
Horizon Helicopters – 50.3 hrs AStar 330 at $1,525/hr	86,986.32
9,054 litres Jet A at $3.88/l landed cost	36,886.00
Alkan Air	67,896.27
15317 Yukon – 212 hours JD450 E bulldozer at $175/hr	42,071.40
- 282.5 hours operator for loader, tractor, roller/scraper at $75/hr	24,026.63
Rental loader, tractor, roller/scraper June to August	21,319.20
	232,773.18
	$331,533.15

Statement of Expenditures
Nadaleen Group D (750 Claims)
Dale 1-12, ST 1-24, 87-91, 432-517, Sten 90, 92, 94, 96, 98, 100, 102-104, 127-142, T 748-771, 786-809, 824-847, 862-889, 904-1071, 2296, 2298, 2342-2348, 2388-2397, 2428-2437, 2468-2477, 2508-2517, 2548-2557, 2588-2597, 2628-2637, 2668-2677, 2708-2717, 2748-2757, 2772, 2774, 2776, 2778, 2780, 2782, 2784, 2786, 2788-2807, 2815-2850, 2859-2870, 2871-2894, 2903-2938, 2950-2971, 3005, 3007 and WH 1-61 mineral claims
February 17, 2015

Contract Diamond Drilling (including management)

Superior Diamond Drilling Inc. 3 drill holes - AN-14-007, 008 & 009 on Dale 12 claim		$156,114.95

Excavator Trenching and Mapping (including management)

15317 Yukon Inc. – 600 hours KX080 excavator at 180/hr incl. operator	122,472.00	
Labour		
N. Kovacs (field assistant) 576 hours at $57/hr	34,473.60	
R. Thomas (field assistant) 640 hours at $53/hr	35,616.00	192,561.60
		$348,676.55

Trenching and mapping work claims

$192,561.60 on 33 claims = $5,835.20/claim

Dale 5-11
ST 9-11
Sten 125-128,130, 132, 134, 136, 138, 140 and 142
T 2958, 2960, 2962-2971

APPENDIX III

ROCK SAMPLE - SAMPLING AND ANALYTICAL PROCEDURES

2014 Prospecting, Trenching and Rock Samples

Rock geochemical sample sites on the property were marked with orange flagging tape labelled with the sample number. The location of each sample was determined using a handheld GPS unit. Rock sample descriptions are presented in Appendix IV while the certificates of anaylsis for the rock samples are available in Appendix V.

Trenching rock samples were collected in where deemed mineralogically or geologically relevant. Trench sample descriptions and logs are noted in Appendix VI, while the certificates of analysis for trench samples are available in Appendix VII.

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

APPENDIX IV

ROCK SAMPLE DESCRIPTIONS

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Anubis	R14-001	WH14090535	618922	7113435	8	Rock	Rob Thomas	Beige to brown siltstone, vuggy texture, altered appearence with iron staining and weakly silicified. Found on talus slope to the north or the anubis fault in the earn group shale package.	Q013807	**0.01**	0.46	33.9	0.58	38.6	9.75	0.64	56
Anubis	R14-001	WH14090535	619340	7112970	8	Rock	Rob Thomas	Grey to dark grey highly altered limestone. Decarbonitized, with vuggy texture. Presence of orange to yellow oxide. From road cut to the north of the anubis fault, earn group in area of shales. Grab by Niki.	Q013808	**0.005**	1.51	10.7	0.26	44.1	6.7	0.68	37
Anubis	R14-001	WH14090535	618847	7113079	8	Rock	Rob Thomas	Siltstone fault breccia, tightly packed matrix consisting of dark black fine grained material with yellow to green rims. Possibly arsenic oxide. Found on the north edge of the anubis fault zone within highly deformed siltstone package.	Q013809	**0.01**	4.19	681	0.84	188	18.3	66.9	32
Anubis	R14-001	WH14090535	618887	7113028	8	Rock	Harrison Pokrandt	dark grey crystaline limestone, 1 cm calcite vein throughout sample, location proximal to Anubis fault zone	Q013810	**0.005**	0.61	40.4	0.22	8.4	1.34	0.64	199
Ana	R14-001	WH14090535	618592	7113180	8	Rock	Rob Thomas	Beige to grey fine grained limestone, sandy with boxwork texture. Strong reaction to acid. Highly altered apearence. Found in float with incoherent rocks. Look up slope!	Q013811	**0.005**	0.2	48.1	0.06	9.4	0.17	0.45	61
Ana	R14-001	WH14090535	618592	7113180	8	Rock	Rob Thomas	Orange to yellow Liminite. Some what porus, apparent iron bearing seams through out sample. Relitively heavy. From road cut to the west of the Ana drill hole.	Q013812	**0.005**	0.95	7150	0.6	224	31.1	1.95	518
Ana	R14-001	WH14090535	618373	7113312	8	Rock	Rob Thomas	Orange to yellow Liminite. Some what porus, Abundant orange and yellow oxide. Relitively heavy. From road cut to the west of the Ana drill hole.	Q013813	**0.005**	1.26	30200	2.42	389	17.3	13.3	4010
Anubis	R14-001	WH14090535	618904	7112988	8	Rock	Nikolett Kovacs	Browinsh, green weathering,medium grained, silty limestone with angular black fragments of shale. Minor calcite veins (1cm) cross-cut the matrix. Sample is taken from approx. Anubis fault zone	Q013851	**0.005**	0.27	43.1	0.12	3.2	0.79	0.21	122
Anubis	R14-001	WH14090535	618905	7113014	8	Rock	Nikolett Kovacs	Pinkish, beige weathering, fine grained, silty limestone, with large euhedral calcite crystals on surface. Slickenlines can be seen on surface , sample is taken approx. from Anubis fault zone.	Q013852	**0.005**	0.22	39.4	0.11	1.9	0.5	0.24	80
Ana	R14-001	WH14090535	618838	7113033	8	Rock	Nikolett Kovacs	Browinsh, white weathering, limestone, locally black sooty weathered, minor calcite veins cross-cut the matrix, sample is taken approx. from the Anubis fault zone.	Q013853	**0.05**	0.83	97.1	3.34	29	4.01	0.2	120
Ana	R14-001	WH14090535	618704	7113114	8	Rock	Nikolett Kovacs	beige weathering, strongly altere, vuggy limestone. Boxwork silicification on surface.	Q013854	**0.005**	0.42	156	0.45	18.5	1.13	0.17	264
Ana	R14-001	WH14090535	618704	7113114	8	Rock	Nikolett Kovacs	sample is taken approx. to sample Q013854, close to the Anubis fault zone. White weathering, vuggy, grey weathering limestone.	Q013855	**0.01**	0.29	17.5	0.12	29.4	0.15	0.2	57
Draco	R14-001	WH14090535	618070	7113314	8	Rock	Nikolett Kovacs	Yellow brown to beige weathring, strongly altered, vuggy, limestone,black calcite veinlets cross-cut matrix, boxwork texture on weathering surface.	Q013856	**0.005**	0.06	197.5	0.61	3.3	0.22	0.12	201
Hydra	R14-001	WH14090535	618992	7113461	8	Rock	Richard Phillips	Grey silicified limestone with decarb clasts, has pitted texture and calcite veinlets	Q017007	**1.3**	2.11	271	71.1	933	25.5	3.35	473
Hydra	R14-002	WH14090536	619105	7113718	8	Rock	Richard Phillips	black non calcareous siltstone from pit 43 surface. Very rotted punky texture. Not in place, float sample. Brown to orange weathering on surface.	Q013850	**0.01**	1.88	57200	19.7	1330	15.9	12.05	511
Anubis	R14-002	WH14090536	619022	7112833	8	Rock	Rob Thomas	black crystalline limestone, very silty, from south side of joyia's fault. Avg. acid reaction	Q013814	**0.005**	0.21	2.5	0.03	2.3	0.44	0.06	26
Anubis	R14-002	WH14090536	619016	7112837	8	Rock	Nikolett Kovacs	Brownish, green weathering, fossiliferous, limestone in rubble crop with local brown to rusty weathering.	Q013857	**0.005**	0.16	42.3	0.03	1.2	1.03	0.18	46
Anubis	R14-002	WH14090536	619007	7112868	8	Rock	Rob Thomas	grey to black shale, altered appearance, presence of brown to orange oxides both on fracture surfaces and filling vugs. Possible arsenopyrite within fractured areas, highly porus in altered areas.	Q013815	**0.005**	1.64	20.3	0.12	15.1	2.12	0.55	42
Anubis	R14-002	WH14090536	619006	7112873	8	Rock	Rob Thomas	grey to black shale, brown to orange oxides, highly porus in areas of intense alteration	Q013816	**0.005**	0.89	68	0.12	13.3	3.75	1.22	300
Anubis	R14-002	WH14090536	618985	7112849	8	Rock	Nikolett Kovacs	Brownish to greenish weathering, vuggy, slightly silicified, grey coloured, fine grained limestone with moderate slight brown alteration.	Q013858	**0.005**	0.27	81.5	0.03	3.4	0.66	0.18	57
Anubis	R14-002	WH14090536	619009	7112876	8	Rock	Rob Thomas	grey crystalline limestone, silicified or possibly dolimitized, 2 distict oxide phases in fractures, 1 brown to orange and 2 yellow. Very dense, some quartz present.	Q013817	**0.005**	0.005	0.6	0.005	0.25	0.08	0.01	13
Anubis	R14-002	WH14090536	618992	7112869	8	Rock	Nikolett Kovacs	Brownish-rusty weathering, vuggy, locally black, slighlty calcareous, brecciated limestone.	Q013859	**0.005**	0.32	13.3	0.05	3.8	1.25	0.31	149
Anubis	R14-002	WH14090536	619002	7112894	8	Rock	Rob Thomas	grey to black shale, highly altered apearence. Brown to orange oxide, highly porus, silicified with minor quartz veinlets.	Q013818	**0.005**	0.92	69.3	0.85	7.8	4.23	0.53	596
Anubis	R14-002	WH14090536	619000	7112885	8	Rock	Nikolett Kovacs	Brownish, yellow to rusty weathering, fine grained, strongly altered, silicified limestone. Rock feels heavy. Rubble crop is possibly close to fault zone.	Q013860	**0.005**	0.48	34.4	0.04	6.4	0.86	0.29	28
Anubis	R14-002	WH14090536	618975	7112900	8	Rock	Rob Thomas	black sandy limestone with minor calcite veining and minor brown to orange oxide	Q013819	**0.005**	0.26	6.6	0.06	2.7	0.76	0.24	167
Anubis	R14-002	WH14090536	619002	7112876	8	Rock	Nikolett Kovacs	Brownish weathering, non-calcareous, strongly altered shale with local yellowish stain. Strong alteration.	Q013861	**0.005**	0.8	12.1	0.05	12.6	1.51	0.38	25
Anubis	R14-002	WH14090536	618980	7112896	8	Rock	Rob Thomas	highly fractured shale taken from boundary of structure. Occurring with grey clay gouge material, and distinct orange horizon 1-3cm thick of quartz and oxide material. (note: area for large exposure of showing when snow melts)	Q013820	**0.005**	1.65	204	0.13	10.4	3.47	1.7	1040
Anubis	R14-002	WH14090536	618992	7112904	8	Rock	Nikolett Kovacs	Brownish, rusty weathering crumbly shale, non-calcareous matrix with black weathering.	Q013862	**0.005**	2.95	718	0.63	9.8	4.97	1.34	920
Anubis	R14-002	WH14090536	618980	7112901	8	Rock	Rob Thomas	brown to orange clay material, oxide taken from 3cm thick bed in contact with thin limestone bed in larger shale package.	Q013821	**0.005**	0.76	106	0.18	7	7.05	0.51	1220

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Anubis	R14-002	WH14090536	618980	7112901	8	Rock	Rob Thomas	grey to black finegrained limestone, highly altered appearance, decarb and very porus in altered areas, taken from 5-10cm thick interbed in shale package, on boundry of structure.	Q013822	0.005	0.59	36.8	0.1	4.2	1.81	0.24	372
Anubis	R14-002	WH14090536	618973	7112901	8	Rock	Nikolett Kovacs	Brownish weathering, fine grained, calcareous limestone. Moderate yellowish alteration.	Q013863	0.005	0.18	28.1	0.14	2.2	1.54	0.18	507
Anubis	R14-002	WH14090536	618977	7112904	8	Rock	Nikolett Kovacs	Black weathering, locally rusty, fine grained, calcareous limestone with minor few cm thick calcite veinlets cross-cutting matrix.	Q013864	0.005	0.05	24.5	0.05	0.6	0.48	0.06	127
Anubis	R14-002	WH14090536	618965	7112920	8	Rock	Nikolett Kovacs	Black-locally green weathering, rusty, calcareous limestone strongly altered.	Q013865	0.005	0.28	21.9	0.12	2	0.82	0.14	163
Anubis	R14-002	WH14090536	618961	7112918	8	Rock	Rob Thomas	grey to black shale, altered apearence, moderatly porus, vuggy texture with oxide in vugs. Large amount of overall oxide staining, calcite veinlets throughout. Taken proximal to the intersection of the anubis and joyia fault	Q013823	0.005	1.04	117.5	0.11	9.6	3.89	1.57	200
Anubis	R14-002	WH14090536	618965	7112921	8	Rock	Nikolett Kovacs	Black to grey to rusty brown weathering , highly sheared shale, with strongly carbonaceous matrix in a shear/fault zone.	Q013866	0.01	1.6	164	0.34	10	3.52	0.75	343
Anubis	R14-002	WH14090536	618972	7112922	8	Rock	Rob Thomas	grey to black shale, highly altered, extremely vuggy texture, very porus, silicified with some quartz present. Taken 50m down slope from the Anubis discovery outcrop on opposite side of the fault.	Q013824	0.01	1.16	323	5.31	12.9	8.89	3.21	421
Anubis	R14-002	WH14090536	618992	7112937	8	Rock	Nikolett Kovacs	Black to brownish weathering, strongly altered, porous shale, non calcareous matrix with highly oxidized zones.	Q013867	0.005	1.98	14.3	0.11	4.4	2.79	0.61	16
Anubis	R14-002	WH14090536	618965	7112938	8	Rock	Nikolett Kovacs	Black, carbonaceous shale, proximity to Anubis fault. Outcrop is strongly sheared, and altered. Alteration colours are brownish to greenish, vuggy, and locally porous. Non-calcareous matrix, strongly oxidized weathering surface.	Q013868	0.01	0.76	198.5	0.58	8.4	3.13	4.05	126
Anubis	R14-002	WH14090536	618957	7112944	8	Rock	Rob Thomas	sandy grey limestone or shale, highly altered, original textures destroyed, highly silicified with quartz present and highly porus.	Q013827	0.13	0.74	758	2.47	8.5	9.98	5.94	464
Anubis	R14-002	WH14090536	618971	7112922	8	Rock	Rob Thomas	grey to black shale, highly altered, extremely vuggy texture, very porus, silicified with some quartz present. Oxide present through out vugs. Taken 50m down slope from the Anubis discovery outcrop on opposite side of the fault.	Q013825	0.01	0.89	300	2.46	19.2	7.73	2.43	312
Anubis	R14-002	WH14090536	618963	7112941	8	Rock	Nikolett Kovacs	Brownish weathering, vuggy, fine grained, calcareous matrix limestone, few cm thick calcite veinlets cross-cut the altered matrix. Outcrop is close to Anubis Fault, strongly sheared and locally brecciated.	Q013869	0.01	0.38	14.5	0.12	1.1	0.66	0.34	40
Anubis	R14-002	WH14090536	618960	7112941	8	Rock	Nikolett Kovacs	Brown weathering, silicified, highly sheared possible limestone, slightly calcareous. Alteration is green to brownish colured, few cm quartz veinlets on weathering, and local boxwork silicification.	Q013870	0.1	0.49	290	2.02	5.5	5.5	2.93	329
Anubis	R14-002	WH14090536	618959	7112943	8	Rock	Rob Thomas	Highly silicified breccia, large amount of orange to brown oxide throughout. Highly porus, very altered appearance. Possible limestone and shale clasts.	Q013828	0.05	0.38	255	1.47	4.8	3.77	4.08	149
Anubis	R14-002	WH14090536	618901	7112991	8	Rock	Rob Thomas	grey to brown siltstone, highly altered appearance, highly porus and silicified with quartz present, from altered zone within shale package. Mineralized horrizon 5-10cm thick, brecciated texture.	Q013836	0.005	0.61	119	0.26	16.6	2.6	0.53	450
Hydra	R14-002	WH14090536	619106	7113714	8	Rock	Richard Phillips	Black, fg LST with Ca flooding and fg pyrite	Q013901	0.01	0.04	199	0.1	7.2	0.91	0.26	35
Hydra	R14-002	WH14090536	619106	7113714	8	Rock	Richard Phillips	Black, fg LST with fg pyrite	Q013902	0.005	0.2	176.5	0.25	17.4	3.84	1.27	212
Hydra	R14-002	WH14090536	619106	7113714	8	Rock	Richard Phillips	Black, fg LST with fg pyrite	Q013903	0.005	0.02	6.8	0.02	2.7	0.85	0.21	28
Hydra	R14-002	WH14090536	619069	7113688	8	Rock	Richard Phillips	Grey, limey clay layer underlying OVB.	Q013904	0.005	0.88	113	0.38	31.3	10.25	2.06	636
Hydra	R14-002	WH14090536	619069	7113688	8	Rock	Richard Phillips	Brown, limey clay	Q013905	0.005	0.91	1400	0.64	46.9	48.7	9.5	2940
Hydra	R14-002	WH14090536	619069	7113688	8	Rock	Richard Phillips	Fine grained LST with trace calcite veining	Q013906	0.005	0.62	238	0.26	14.5	10.15	3.57	1480
Anubis	R14-002	WH14090536	619028	7112858	8	Rock	Rob Thomas	grey siltstone, altered appearance, highly porus, brown to orange oxide.	Q013829	0.005	1.82	138	0.71	16.4	3.84	0.81	442
Anubis	R14-002	WH14090536	618979	7112840	8	Rock	Nikolett Kovacs	Heavily brecciated, strongly veined limestone, mainly calcite veins and few cm thick quartz veins on weathering surface. Brownish rusty wearthering with black sooty spots in matrix. Calicte veins are also strongly rusty weathered.	Q013871	0.005	0.15	6.7	0.02	0.6	0.29	0.11	134
Anubis	R14-002	WH14090536	618993	7112830	8	Rock	Nikolett Kovacs	Sample is taken from rusty horizon in black weathering shale. Rocks are slightly altered vary between mud chips and and brownish black weathering, vuggy altered limestone.	Q013872	0.005	1.42	51.4	0.34	9.7	3.34	0.96	164
Anubis	R14-002	WH14090536	618911	7112929	8	Rock	Rob Thomas	dark grey to black siltstone, highly fractured, proximal to the anubis fault, major orange to brown oxide through out fractues.	Q013830	0.01	1.78	150	0.21	58.1	5.26	6.57	44
Anubis	R14-002	WH14090536	618969	7112858	8	Rock	Nikolett Kovacs	Brownish yellow weathering, vuggy, porous shale. Locally quartz filled vugs. Fresh surface is black and there is minor silicification on weathering surface.	Q013873	0.005	10.7	113	0.59	15	10.55	6.83	116
Anubis	R14-002	WH14090536	618916	7112934	8	Rock	Rob Thomas	highly silicified with quartz component in open space fillings in highly fractured siltstone. Proximal to south side of the anubis fault trace 150m down from the anubis discovery out crop on opposite side of the fault.	Q013831	0.005	1.02	145	0.17	37.7	5.77	4.74	22
Anubis	R14-002	WH14090536	618972	7112876	8	Rock	Nikolett Kovacs	Brownish, purplish weathering, strongly brecciated shale with rusty spots and quartz fragments, locally vuggy with orange weathering.	Q013874	0.005	0.85	187.5	0.4	10.4	3.97	1	1480
Anubis	R14-002	WH14090536	618972	7112876	8	Rock	Nikolett Kovacs	Strongly brecciated, slightly silicified shale breccia with boxwork silicification. Locally rusty coloured.	Q013875	0.005	1.12	253	0.4	12.1	3.39	2.29	731
Anubis	R14-002	WH14090536	618959	7112887	8	Rock	Nikolett Kovacs	Purple brown weathering, breccia with local rusty spots on fresh surface.	Q013876	0.005	1.03	30	0.08	2.7	1.4	0.19	161

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Anubis	R14-002	WH14090536	618943	7112935	8	Rock	Rob Thomas	grey to black siltstone, silicified with quartz in veinlets and fractures. Proximal to south side of the anubis fault.	Q013832	0.005	1.17	69	0.1	7.3	3.01	0.64	212
Anubis	R14-002	WH14090536	618942	7112931	8	Rock	Rob Thomas	black siltstone with highly silicified zones within fractures, proximal to anubis fault.	Q013833	0.005	1.13	85.1	0.14	5.9	2.53	0.5	253
Anubis	R14-002	WH14090536	618953	7112901	8	Rock	Nikolett Kovacs	Dark grey weathering limestone with local beige weathering. Fresh surface is black, black sooty, almost clay material appears in crystalline matrix.	Q013877	0.005	0.04	6.5	0.02	0.25	0.29	0.04	31
Anubis	R14-002	WH14090536	618936	7112954	8	Rock	Rob Thomas	grey crystalline limestone with massive calcite veins and minor veinlets oxidizing orange within veins. Boxwork texture on weathered surface proximal to anubis fault.	Q013834	0.005	0.12	49.8	0.18	1.3	1.32	0.36	69
Anubis	R14-002	WH14090536	618958	7112912	8	Rock	Nikolett Kovacs	Light grey weathering limestone with grey fresh surface and black sooty spots within the matrix. Minor silicification within the black spots. Sample was taken from the contact between the shale and limestone.	Q013878	0.005	0.08	12.1	0.03	0.7	0.49	0.05	35
Anubis	R14-002	WH14090536	618905	7112993	8	Rock	Nikolett Kovacs	Strongly sheared, brownish rusty weathered shale with minor quartz veinlets on weathering surface. Locally brecciated. 10 m above Anubis Fault.	Q013879	0.005	2.46	228	0.36	92.8	5.88	1.04	291
Anubis	R14-002	WH14090536	618901	7112991	8	Rock	Rob Thomas	grey to brown siltstone, highly altered appearance, highly porus and silicified with quartz present, from altered zone within shale package, ~20cm thick, mineralized bed oriented 264/50	Q013835	0.005	3.08	770	0.56	510	21.2	0.76	1110
Anubis	R14-002	WH14090536	618893	7112992	8	Rock	Nikolett Kovacs	Strongly sheared shales of brownish to rusty weathering with minor silicification on weathering surface, approx. 10 m above Anubis fault.	Q013880	0.005	1.32	469	0.12	16	3.81	0.96	495
Anubis	R14-002	WH14090536	618898	7112997	8	Rock	Nikolett Kovacs	strongly sheared, brownish to rusty weathering shear, strongly altered, minor quartz veinlets on fracturing surface.	Q013881	0.005	1.33	451	0.17	23.9	4.68	1.06	449
Anubis	R14-002	WH14090536	618905	7113001	8	Rock	Nikolett Kovacs	Brecciated, brownish to rusty weathering shale with vuggy brownish quartz veinlets. Strongly altered.	Q013882	0.005	1.4	344	0.49	46.3	7.94	0.68	369
Anubis	R14-002	WH14090536	618904	7113015	8	Rock	Nikolett Kovacs	Brownish rusty weathering , heavily quartz veined limestone. Quartz veinlets are vuggy and brown to rusty coloured. Sample was taken from approx. 15 m above Anubis fault at the contact of shale and limestone.	Q013883	0.005	0.77	91.2	0.66	10	2.66	0.62	265
Anubis	R14-002	WH14090536	618898	7113014	8	Rock	Nikolett Kovacs	Brownish, rusty weathering , strongly quartz veined limestone with brown-grey fresh surface interbedded with sheared shale.	Q013884	0.005	0.38	63.3	0.35	7.2	1.3	0.33	310
Anubis	R14-002	WH14090536	618903	7113017	8	Rock	Rob Thomas	grey to black siltstone, highly brecciated and silicified, highly porus in areas of alteration, euhedral quartz crystals as well as veinlets.	Q013837	0.005	0.57	606	0.49	13.9	4.89	1.65	396
Anubis	R14-002	WH14090536	618901	7113016	8	Rock	Rob Thomas	grey to black siltstone, highly brecciated and silicified, highly porus in areas of alteration, euhedral quartz crystals as well as veinlets.	Q013838	0.005	0.29	184	1.15	3.7	1.54	0.37	415
Anubis	R14-002	WH14090536	618880	7112976	8	Rock	Rob Thomas	Breccia - matrix is red oxide or siliceous material, very porus, very altered appearance.	Q013839	0.01	1.32	2180	17.8	19.5	30.4	9.27	125
Anubis	R14-002	WH14090536	618879	7112979	8	Rock	Nikolett Kovacs	Brecciated limestone, yellow to greenish weathering, locally vuggy. Fragments include quartz, and shale chips. Sample is taken next to Anubis Fault.	Q013885	0.01	0.59	1870	13.2	11.6	17.95	4.37	66
Anubis	R14-002	WH14090536	618856	7112947	8	Rock	Rob Thomas	highly oxidized yellow, orange, brown breccia, distinc shale clasts and hydrothermal jasperoid.	Q013840	0.005	0.99	2340	0.85	15.4	9.02	25.4	67
Anubis	R14-002	WH14090536	618857	7112987	8	Rock	Nikolett Kovacs	Strongly oxidized, rusty coloured, locally white coloured limestone with strong hematitic weathering surface. Some of the matrix is heavily altered to black, spongy blebs.	Q013886	0.01	0.43	138.5	0.3	13.2	0.45	0.29	319
Anubis	R14-002	WH14090536	618857	7112946	8	Rock	Rob Thomas	highly oxidized yellow, orange, brown breccia, distinc shale clasts and hydrothermal jasperoid.	Q013841	0.005	1.14	902	0.89	23.2	8.01	21.9	42
Anubis	R14-002	WH14090536	618862	7112948	8	Rock	Nikolett Kovacs	Brown to beige weathered, black fresh coloured shale with minor quartz veinlets throughout the matrix. Strongly brecciated in places.	Q013887	0.005	0.34	1195	0.31	26.8	13.65	2.97	343
Anubis	R14-002	WH14090536	618877	7112976	8	Rock	Nikolett Kovacs	White to grey coloured, strongly weathered limestone ? Strongly altered, found close approx. to Anubis Fault.	Q013888	0.005	0.38	108.5	11.3	23.9	2.5	1.27	549
Anubis	R14-002	WH14090536	618876	7112914	8	Rock	Rob Thomas	Shale breccia, matrix is red, possibly siliceous material or oxide, highly porus, very altered appearance.	Q013842	0.005	1.53	239	0.13	19.9	7.92	11.05	53
Anubis	R14-002	WH14090536	618875	7112915	8	Rock	Nikolett Kovacs	Fault Breccia, green to rusty weathering, strongly sheared shale.	Q013889	0.005	1.45	400	0.16	17.6	18.75	8.89	158
Anubis	R14-002	WH14090536	618868	7112971	8	Rock	Nikolett Kovacs	Strongly brecciated, hematitic, red-brown coloured, spongy textured breccia.	Q013890	0.005	1.15	3180	4.43	9.5	45.8	5.22	429
Anubis	R14-002	WH14090536	618889	7113014	8	Rock	Rob Thomas	grey fossiliferous limestone, calcite veinlets frequent. Some oxidized clasts and minor vugs.	Q013843	0.005	0.3	36.8	0.33	2.5	1.05	0.32	163
Anubis	R14-002	WH14090536	618855	7113001	8	Rock	Nikolett Kovacs	Rusty to orange coloured, grey crystallline fresh surface limestone, locally brecciated and vuggy filled with white clay. Large calcite veins are approx. to sample. 2 m above Anubis Fault.	Q013891	0.005	0.5	175	1.26	30.8	0.92	0.7	1180
Anubis	R14-002	WH14090536	618882	7113015	8	Rock	Rob Thomas	grey to black shale highly altered appearance, very porus, orange to brown oxide in fractures, weekly silicified some quartz present.	Q013844	0.04	1.17	242	1.89	9.3	7.55	7.51	1210
Anubis	R14-002	WH14090536	618862	7113026	8	Rock	Rob Thomas	grey to black shale highly altered appearance, very porus, orange to brown oxide in fractures, weekly silicified some quartz present.	Q013845	0.01	4.8	1070	1.83	433	28.6	1.6	517
Anubis	R14-002	WH14090536	618842	7113029	8	Rock	Nikolett Kovacs	White to rusty weathering, brecciated limestone with local crystalline matrix. There is some silicification, and minor quartz fragments can be seen brecciated within matrix. Locally black sooty blebs within the crystalline matrix.	Q013892	0.005	0.27	101.5	0.65	4.9	0.83	0.11	70
Anubis	R14-002	WH14090536	618857	7113082	8	Rock	Rob Thomas	highly silicified limestone from interbed in shale package, vuggy texture, no acid reaction.	Q013846	0.1	0.24	23.1	2.19	9	1.07	1.01	10
Anubis	R14-002	WH14090536	618841	7113078	8	Rock	Nikolett Kovacs	Rusty, purple, brown weathered, brecciated, strongly altered rock, non-calcareous.	Q013893	0.005	0.69	23800	2.8	69.7	37.8	3.74	3190
Anubis	R14-002	WH14090536	618857	7113082	8	Rock	Rob Thomas	grey to black shale, possible hydrothermal breccia. Moderatly porus with greenish matrix.	Q013847	0.01	1.94	425	1.84	48.3	10.5	22.6	18

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Anubis	R14-003	WH14094979	618804	7113033	8	Rock	Nikolett Kovacs	Light grey weathering, crystalline limestone with dark grey, fine grained fresh surface. The o/c is brecciated with limestone clasts and calcite. Calcite is locally large grained, reprecipitated. Sample is moderately altered at brecciated parts.	Q013894	**0.005**	0.19	299	0.37	21.3	2.33	0.09	344
Anubis	R14-003	WH14094979	618839	7113027	8	Rock	Rob Thomas	chip sample taken from anubis fault plain, orange to brown in colour, weakly silicified, some calcite present, from layer 1-3cm thick, possibly oxide.	Q013848	**0.33**	117	3280	81.3	13550	535	2.24	138000
Anubis	R14-003	WH14094979	618785	7113025	8	Rock	Nikolett Kovacs	Brecciated limestone, orange weathering with green sooty spots, small, rusty coloured calcite veinlets cross-cut matrix,small black coloured veinlets filled with clay material are also present.	Q013895	**0.005**	0.06	295	0.09	3.4	3.58	0.16	170
Anubis	R14-003	WH14094979	618842	7113025	8	Rock	Rob Thomas	dark limestone in recessive seam in the anubis fault plain, calcite veinlets present, sooty texture.	Q013849	**0.01**	2.71	104.5	1.33	277	8.17	0.1	324
Anubis	R14-003	WH14094979	618781	7113016	8	Rock	Nikolett Kovacs	Pink to beige weathering, strongly altered limestone, alteration becomes more intense of green to rusty green along calcite veins, spongy calcareous spots are present in dark grey crystalline matrix.	Q013896	**0.005**	0.08	845	0.95	5.5	5.14	1.4	313
Anubis	R14-003	WH14094979	618849	7113023	8	Rock	Rob Thomas	dark crystalline limestone, large amount of calcite veining present. Very fractured with some sooty sections, orange to brown oxide through out.	N830855	**0.01**	0.44	107.5	0.52	12.1	1.26	0.04	140
Anubis	R14-003	WH14094979	618785	7112986	8	Rock	Nikolett Kovacs	White to beige weathering, crystalline, dark grey fresh surfaced limestone. Locally brecciated with black, spongy spots of rusty weathering.	Q013897	**0.005**	0.06	69.1	0.18	2.5	0.71	0.03	57
Anubis	R14-003	WH14094979	618901	7113056	8	Rock	Rob Thomas	silicified horrizon in shale package, thinly bedded horrizon of oxide. Not as intensely altered, possibly near the edge of alteration zone.	N830856	**0.05**	5.68	853	2	107	18.05	1.78	396
Anubis	R14-003	WH14094979	618768	7113013	8	Rock	Nikolett Kovacs	White weathering limestone,locally brown spots on weathering surface with boxwork textured calcite veinlets. Strongly altered black-purple (possible manganese staining ?) in matrix.	Q013898	**0.005**	0.08	233	0.18	6.8	2.61	0.16	152
Anubis	R14-003	WH14094979	618907	7113052	8	Rock	Rob Thomas	1-2cm thick silicified layer in black highly fractured shale package, mostly quartz , some vuggy altered shale. Minor orange to brown oxide.	N830857	**0.005**	4.26	354	0.9	392	78.6	0.92	236
Anubis	R14-003	WH14094979	618783	7113044	8	Rock	Nikolett Kovacs	Green weathering, vuggy, strongly altered limestone, calcareous in matrix, but spongy, non-calcareous, brownish spots are present.	Q013899	**0.005**	0.03	13.4	0.03	4.8	0.26	0.14	45
Anubis	R14-003	WH14094979	618918	7113036	8	Rock	Rob Thomas	1-2cm thick silicified layer in black highly fractured shale package, mostly quartz , some vuggy altered shale. Minor orange to brown oxide.	N830858	**0.005**	3.4	135	0.68	117	6.73	0.67	244
Anubis	R14-003	WH14094979	618915	7113028	8	Rock	Rob Thomas	highly fractured black shale with quartz and orange to brown oxide filling fractures. Taken from bedrock beneath .012ppm gold in soil.	N830859	**0.005**	1.49	108.5	1.16	16.5	3.05	1.47	180
Anubis	R14-003	WH14094979	618891	7113028	8	Rock	Rob Thomas	highly silicified limestone interbed within shale package. Vuggy texture, bleached appearance.	N830860	**0.005**	0.79	400	0.58	6	2.39	1.62	676
Anubis	R14-003	WH14094979	618897	7113017	8	Rock	Rob Thomas	quartz rich zone in highly fractured shale. Vuggy texture, orange to brown and minor yelllow oxides in qartz.	N830861	**0.005**	1.43	407	0.42	10.2	3.56	3.42	531
Anubis	R14-003	WH14094979	618883	7113023	8	Rock	Rob Thomas	highly altered shale (siltstone), extremely vuggy texture, silicified with minor quartz and orange to brown oxide stringers through out.	N830862	**0.01**	1.33	662	1.56	10.1	5.55	4.62	1240
Anubis	R14-003	WH14094979	618752	7113083	8	Rock	Nikolett Kovacs	Beige to grey weathering limestone with large calcite veinlets in matrix. Matrix is brecciated, calcareous with rusty yellow infilling (clay ?) between clasts.	Q013900	**0.005**	0.03	27.6	0.06	1.8	0.28	0.01	28
Anubis	R14-003	WH14094979	618879	7113026	8	Rock	Rob Thomas	highly altered siltstone, silicified with quartz present, highly porous. Some orange to borwn oxide throughout.	N830863	**0.005**	1.77	175.5	1.37	9.2	2.1	2.54	417
Anubis	R14-003	WH14094979	618878	7113022	8	Rock	Rob Thomas	highly altered limestone, original textures completely destroyed, highly porous. Decarb and or silicified. Vuggy texture.	N830864	**0.005**	1.19	1075	0.72	9.4	7.45	1.54	2620
Ana	R14-003	WH14094979	618551	7113152	8	Rock	Nikolett Kovacs	Brown to green-grey coloured, slightly brecciated, dark grey coloured limestone with calcareous matrix. Locally orange, reddish, vuggy, porous weathering.	Q012951	**0.005**	0.05	146.5	0.09	1.4	0.91	0.02	29
Ana	R14-003	WH14094979	618518	7113216	8	Rock	Nikolett Kovacs	Beige weathering, grey fresh surfaced limestone with calcite veins of 1-2 cm. Realgar is present in calcite veinlets. Smaller, black calcite veinlets also cross-cut calcareous matrix.	Q012952	**0.005**	0.17	47.8	0.16	5.9	0.6	0.03	29
Ana	R14-003	WH14094979	618494	7113210	8	Rock	Nikolett Kovacs	Beige, yellow weathering, strongly brecciated limestone. Small calcite veinlets cross-cut the matrix. Limonitic alteration is strong, spongy textured locally.	Q012953	**0.05**	0.74	96.6	0.31	21.2	0.49	0.11	83
Ana	R14-003	WH14094979	618486	7113216	8	Rock	Rob Thomas	orange to brown limestone breccia, calcite stringers present. Highly oxidized clasts and matrix.	N830865	**0.01**	0.51	5080	3.9	2.7	12.35	0.23	338
Ana	R14-003	WH14094979	618489	7113204	8	Rock	Nikolett Kovacs	Strongly brecciated, orange coloured fault breccia? Close to the Anubis/Ana Fault. Sample is spongy, strongly limonitic altered, calcareous, and vuggy.	Q012954	**0.005**	0.53	15750	0.7	9.3	40.4	2.02	31100
Ana	R14-003	WH14094979	618488	7113207	8	Rock	Nikolett Kovacs	Brownish, rusty weathering, fine grained, crystalline limestone, light beige coloured with black calcite veinlets in matrix.	Q012955	**0.005**	0.32	787	0.2	3.2	6.99	0.08	241
Ana	R14-003	WH14094979	618501	7113171	8	Rock	Rob Thomas	brown to orange limestone breccia, vuggy and punky texture. Decarb, highly porus, and oxide filling vugs.	N830866	**0.005**	0.53	21300	0.89	110.5	13.1	0.37	24100
Ana	R14-003	WH14094979	618487	7113191	8	Rock	Nikolett Kovacs	Beige weathering limestone, very fine grained, brecciated with black calcite veinlets cross-cutting matrix, locally clay altered.	Q012956	**0.005**	0.14	85.9	0.06	6.9	0.25	0.04	71
Ana	R14-003	WH14094979	618470	7113143	8	Rock	Nikolett Kovacs	Black to beige weathering limestone, strongly carbonatized, large 2-3 cm calcite veinlets cross -cut the matrix. Spongy, sooty textured in places.	Q012957	**0.005**	0.08	21.6	0.06	4.8	0.09	0.11	78
Ana	R14-003	WH14094979	618501	7113127	8	Rock	Rob Thomas	highly altered limestone, decarb, extremely vuggy, punky texture. Brown clay like gouge present.	N830867	**0.005**	1.31	33900	0.9	77.7	41.1	1.28	1380

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Ana	R14-003	WH14094979	618496	7113121	8	Rock	Nikolett Kovacs	Brown weathering, strongly altered fault gauge, non-calcareous, slightly silicified on weathering surface. Vuggy, and spongy in places. Sample is taken from underneath massive, crystalline grey coloured limestone.	Q012958	**0.01**	1.55	27500	1.03	13.6	14.95	0.85	2230
Ana	R14-003	WH14094979	618489	7113110	8	Rock	Rob Thomas	brown sandy limestone with pervasive calcite veinlets, moderately altered appearance.	N830868	**0.005**	0.04	512	0.05	0.8	1.2	0.04	55
Ana	R14-003	WH14094979	618510	7113128	8	Rock	Nikolett Kovacs	Beige weathering, calcareous, slightly brecciated limestone with small black calcite veinlets across, rusty yellow coloured matrix.	Q012959	**0.005**	0.07	193	0.22	1.5	0.45	0.07	36
Ana	R14-003	WH14094979	618480	7113105	8	Rock	Rob Thomas	altered brown sandy limestone, vuggy in spots, boxwork textures on weathered surface, minor calcite veinlets.	N830869	**0.005**	0.21	589	0.25	15.9	1.53	0.69	288
Ana	R14-003	WH14094979	618489	7113094	8	Rock	Rob Thomas	limestone breccia, partially decarb, brown to orange oxides present, dark material in fractures through out.	N830870	**0.005**	1.33	3260	1.01	50	27.2	0.4	447
Ana	R14-003	WH14094979	618478	7113085	8	Rock	Rob Thomas	altered grey crystalline limestone with dark porus vugs, minor orange to brown oxidized calcite veins.	N830871	**0.005**	0.15	2430	0.66	8.1	3.12	0.12	940
Anubis	R14-003	WH14094979	618977	7112888	8	Rock	Rob Thomas	grey to dark shale, orange to brown oxides. Silicified with minor quartz component. Vuggy texture.	N830872	**0.005**	1.03	65.2	0.16	14.4	3.02	1.06	724
Anubis	R14-003	WH14094979	618905	7112995	8	Rock	Nikolett Kovacs	Light grey, brownish weathering shale in a strongly sheared outcrop. Very slightly silicified, locally vuggy, minor few mm thin quartz veinlets cross-cut matrix.	Q012960	**0.01**	1.9	52.4	0.56	34.5	3.34	0.71	69
Anubis	R14-003	WH14094979	618904	7112994	8	Rock	Nikolett Kovacs	Sample is collected from a fault zone, just above the main Anubis Fault Zone, strongly brecciated vuggy, brownish clay altered shale with strongly sheared shale around it.	Q012961	**0.005**	2.96	1145	0.22	239	7.47	1.01	1320
Anubis	R14-003	WH14094979	618855	7113018	8	Rock	Nikolett Kovacs	Vuggy, brownish, greenish limestone collected from the Anubis limestone just above the Anubis Fault Zone from a fracture. Slightly altered calcareous.	Q012962	**0.005**	0.11	216	0.19	13.7	0.28	0.11	941
Ana	R14-003	WH14094979	618538	7113104	8	Rock	Rob Thomas	grey massive limestone, boxwork texture throughout. Appears hydrothermally altered. Vuggy texture with orange to brown oxide within. High density of calcite stringers. Highly porus. Extremely reactive to acid.	N830873	**0.02**	0.07	152	0.09	1.7	0.74	0.13	103
Ana	R14-003	WH14094979	618529	7113102	8	Rock	Nikolett Kovacs	Light grey weathering limestone with beige fresh surface, boxwork veinig on weathered surface, vuggy, spongy, strongly calcareous texture.	Q012963	**0.02**	0.09	31.4	0.06	5.8	0.12	0.13	83
Ana	R14-003	WH14094979	618514	7113089	8	Rock	Nikolett Kovacs	Brownish beige weathering, fine grained, greenish-brown fresh surfaced decarbonatized sandy limestone in float.	Q012964	**0.005**	5.62	2590	1.06	23.5	5.87	9.45	91
Ana	R14-003	WH14094979	618510	7113052	8	Rock	Rob Thomas	decarb limestone breccia, matrix is orange to brown, minor metallic component.	N830874	**0.01**	2.31	4420	0.9	112.5	13.8	2.24	277
Ana	R14-003	WH14094979	618468	7113065	8	Rock	Rob Thomas	limonite, orange to brown to yellow oxides present. Very heavy, highly porus, major iron oxide component.	N830875	**0.005**	0.44	21400	6.41	3.8	5.53	0.46	5620
Ana	R14-003	WH14094979	618466	7113065	8	Rock	Rob Thomas	limonite, orange to brown to yellow oxides present. Very heavy, highly porus, major iron oxide component.	N830876	**0.005**	0.16	11400	0.74	2	4.21	0.23	3260
Ana	R14-003	WH14094979	618476	7113033	8	Rock	Nikolett Kovacs	Light grey, brownish weathering limestone breccia with angular black fragments, large calcite crystals, and veinlets. Locally sooty clay, non - calcareous spots in matrix.	Q012965	**0.03**	0.23	124	0.61	6	0.43	0.32	60
Ana	R14-003	WH14094979	618452	7113067	8	Rock	Rob Thomas	limonite, orange to brown to yellow oxides present. Very heavy, highly porus, major iron oxide component.	N830877	**0.005**	0.4	29700	7.45	5.8	5.75	9.64	6110
Ana	R14-003	WH14094979	618451	7113038	8	Rock	Nikolett Kovacs	Float sample, light grey coloured, brown weathering limestone breccia with angular black clay fragments, calcite crystals, and finer grained other fragments. Matrix is mostly calcareous; however, black spots appear to be spongy and non-calcareous.	Q012966	**0.005**	0.11	260	0.2	6.3	1.18	0.11	55
Ana	R14-003	WH14094979	618451	7113033	8	Rock	Nikolett Kovacs	Orange rusty weathering, heavily altered, vuggy, porous, locally calcareous limonite with small black fragments and veinlets throughout the matrix.	Q012967	**0.03**	0.99	16050	2.61	39.8	9.43	0.63	11050
Ana	R14-003	WH14094979	618440	7113092	8	Rock	Nikolett Kovacs	Orange rusty brown weathering large limonite block, heavily altered, vuggy and porous, locally calcareous, but mainly non-calc.	Q012968	**0.005**	0.09	47800	25.1	1	2.79	24.8	2240
Ana	R14-003	WH14094979	618374	7113133	8	Rock	Nikolett Kovacs	Rusty orange weathering, slightly brecciated , limonitic limestone, locally vuggy filled with limonite in the vugs. Large euhedral calcite crystals in matrix (reprecipitated ?).	Q012969	**0.13**	5.63	442	7.47	191.5	2.39	0.28	265
Ana	R14-003	WH14094979	618397	7113180	8	Rock	Nikolett Kovacs	Rusty brown, orange weathering limestone, calcareous, strongly limonitic altered.Sample has a vuggy texture with incohesive clay material.	Q012970	**0.005**	0.31	647	0.33	14.7	1.11	0.16	606
Ana	R14-003	WH14094979	618390	7113243	8	Rock	Nikolett Kovacs	Light grey to beige weathering limestone with pinkish light beige fresh colour and brecciated surface. Minor, few mm thick, black calcite veinlets cross-cut matrix. Strongly calcareous, slightly altered, locally hematitic spots in matrix.	Q012971	**0.01**	0.09	72.2	0.08	1.8	0.2	0.06	33
Ana	R14-003	WH14094979	618487	7113246	8	Rock	Nikolett Kovacs	Brownish grey weathering, strongly calcareous, limonitic limestone with brecciated matrix, small calcite veinlets cross-cut the matix, locally spongy non-calcareous spots show dark black alteration.	Q012972	**0.25**	1.11	77.9	0.38	71.5	0.28	0.13	140
Lyra	R14-003	WH14094979	615737	7114350	8	Rock	Nikolett Kovacs	Float breccia strongly altered from Zodiac pit - very vuggy grey fresh surfaced rock. Possibly has been samples before but who knows (?)	Q012980	**0.05**	408	2390	894	3480	82.3	4.36	263000
Ana	R14-003	WH14094979	618384	7113307	8	Rock	Rob Thomas	limonite, orange to brown oxide. Strong Fe component. Metallic stringers through out.	N830878	**0.005**	0.27	9050	3.19	10	3.61	0.38	21300
Ana	R14-003	WH14094979	618384	7113304	8	Rock	Nikolett Kovacs	Brown orange weathering limonite with vuggy and spongy texture with black purple seems cross-cutting matrix.	Q012973	**0.02**	0.62	11750	2.1	58	7.38	2.07	13950
Ana	R14-003	WH14094979	618378	7113309	8	Rock	Rob Thomas	limonite, orange to brown oxide. Strong Fe component. Metallic stringers through out.	N830879	**0.01**	0.23	9800	7.36	28.2	6.9	0.7	19800

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Ana	R14-003	WH14094979	618386	7113306	8	Rock	Nikolett Kovacs	Brownish rusty weathering limonite with slight green hue. Strongly altered, vuggy texture.	Q012974	**0.01**	1.13	21700	14.8	16.1	8.03	0.79	12350
Ana	R14-003	WH14094979	618362	7113323	8	Rock	Nikolett Kovacs	Brownish rusty weathering with green hue, strongly limonitic altered limestone with locally spongy matrix. Matrix is dark grey crystalline.	Q012975	**0.005**	0.06	1475	0.25	2.4	0.94	0.2	167
Ana	R14-003	WH14094979	618353	7113329	8	Rock	Rob Thomas	brown to black altered limestone, sandy texture, with some crystalline component. Vuggy porus texture, calcite veining through out.	N830880	**0.005**	0.04	1605	0.84	1.1	0.74	0.56	118
Ana	R14-003	WH14094979	618325	7113340	8	Rock	Nikolett Kovacs	Brecciated limestone with brown weathering, locally porous spots and large reprecipitated calcite crystals on fractured surface.	Q012976	**0.005**	0.01	358	0.75	0.6	0.44	0.27	403
Ana	R14-003	WH14094979	618285	7113353	8	Rock	Rob Thomas	brown to black altered limestone, sandy texture, with some crystalline component. Vuggy porus texture, calcite veining through out.	N830881	**0.005**	0.06	431	0.46	3.1	0.43	0.2	362
Ana	R14-003	WH14094979	618287	7113351	8	Rock	Nikolett Kovacs	Rusty red orange weathering brecciated, light grey fresh coloured limestone with vuggy spongy texture and small dark grey veinlets.	Q012977	**0.005**	0.07	199	0.08	7.6	0.92	0.06	146
Ana	R14-003	WH14094979	618290	7113349	8	Rock	Nikolett Kovacs	Light grey to brownish weathering , dark crystalline fresh surfaced , slightly limonitic altered limestone.	Q012978	**0.01**	0.12	140.5	0.3	5.9	0.5	0.05	115
Ana	R14-003	WH14094979	618256	7113343	8	Rock	Rob Thomas	grey massive crystalline limestone from outcrop, with calcite veinlets. Some dark zones within fresh face. Weathering is vuggy. Outcrop is 40% calcite, minor brown oxide staining.	N830882	**0.005**	0.08	94.9	0.19	2.7	0.14	0.02	38
Ana	R14-003	WH14094979	618253	7113355	8	Rock	Nikolett Kovacs	Brownish grey weathering, sandy, medium grained calcareous limestone with slight hematitic alteration, and thick calcite veinlets, green brown fresh surface	Q012979	**0.005**	0.13	411	0.55	14.6	1.26	0.36	256
Lyra	R14-003	WH14094979	616859	7114933	8	Rock	Rob Thomas	dark grey to black siltstone with minor calcite veinlets - possiblequartz pebbles? Or hydrothermal quartz with minor porosity.	N830887	**0.005**	0.08	23.7	0.13	20.4	0.49	0.35	85
Lyra	R14-003	WH14094979	616984	7114553	8	Rock	Nikolett Kovacs	Grey weathering coarse grained, non-calcareous siltstone with slight limonitic alteration on fractured surface.	Q012981	**0.01**	1.3	11.6	1.6	4.8	1.06	0.31	774
Lyra	R14-003	WH14094979	616741	7114728	8	Rock	Rob Thomas	black crystalline limestone, silicified with vuggy texture, quartz veins present, minor brown oxidation. From shallow geotool pit.	N830883	**0.005**	0.23	63.6	0.09	1.2	3.71	3.51	38
Lyra	R14-003	WH14094979	617008	7114617	8	Rock	Nikolett Kovacs	Beige weathering, brecciated silstone with non-calcareous matrix, slightly brownish green altered.	Q012982	**0.01**	6.8	42.7	12.2	48.9	9.78	0.88	2080
Lyra	R14-003	WH14094979	617008	7114616	8	Rock	Nikolett Kovacs	Beige brown weathering, rusty orange -green fresh surfaced, brecciated, non-calcareous siltstone with vuggy spongy texture.	Q012983	**0.02**	2.2	17.8	0.41	14	8.23	0.86	76
Lyra	R14-003	WH14094979	617020	7114604	8	Rock	Nikolett Kovacs	Strongly altered brecciated, brownish whiteish weathering siltstone with strongly cleaved brown-green weathering shale.	Q012984	**0.005**	1.85	15.2	1.57	10	4.44	0.52	264
Lyra	R14-003	WH14094979	617008	7114678	8	Rock	Nikolett Kovacs	Brownish weathering brecciated siltstone with green to brown alteration. Small py or apy in matrix.	Q012985	**0.005**	1.66	76.8	0.4	28.3	16.25	1.87	162
Lyra	R14-003	WH14094979	617008	7114687	8	Rock	Nikolett Kovacs	Brownish weathering brecciated siltstone with green to brown alteration. Small py or apy in matrix.	Q012986	**0.01**	1.48	52	0.88	28.3	10.45	0.52	145
Lyra	R14-003	WH14094979	617024	7114702	8	Rock	Nikolett Kovacs	Brownish green weathering siltstone interbedded with grey-green strongly cleaved shale. Siltstone is limonitic altered slightly.	Q012987	**0.01**	1.2	54	0.26	32.4	10.65	0.71	110
Lyra	R14-004	WH14096673	616768	7114717	8	Rock	Rob Thomas	orange soil from horrizon 10-30cm thick in pit, minor shale and quartz fragments present.	N830893	**0.01**	1.41	1080	0.36	204	11.55	0.69	1360
Lyra	R14-003	WH14094979	616849	7114887	8	Rock	Rob Thomas	black crystalline limestone, silicified with vuggy texture. Brown punky porus zones within.	N830884	**0.005**	0.12	15.3	0.03	1.6	1.85	0.52	55
Lyra	R14-003	WH14094979	616852	7114915	8	Rock	Rob Thomas	highly silicified shale,vuggy texture, with porus regions, minor oxides filling vugs.	N830885	**0.01**	3.21	6520	50.2	8680	50.9	0.62	741
Lyra	R14-003	WH14094979	617053	7114750	8	Rock	Nikolett Kovacs	Brecciated shale with large quartz crystals and vuggy, locally spongy texture, brownish green weathering, float.	Q012988	**0.005**	0.38	3	0.89	3.8	0.5	0.07	113
Lyra	R14-003	WH14094979	617262	7114964	8	Rock	Rob Thomas	dark grey to black siltstone,minor calcite veinlets present. Quartz pebbles in matix of fine grained siltstone. Altered appearance. Minor porousity.	N830888	**0.005**	0.84	103	0.86	91.9	13.45	2.31	159
Lyra	R14-003	WH14094979	617280	7114994	8	Rock	Rob Thomas	dark grey to black shale, vuggy texture, moderatly porous in brown punky zones. Weakly silicified.	N830889	**0.005**	1.25	57	0.27	5.8	35.7	3.14	173
Lyra	R14-003	WH14094979	617258	7115002	8	Rock	Rob Thomas	dark grey to black silicified vuggy siltstone/shale, some quartz present and minor oxide.	N830890	**0.005**	2.08	15.2	0.22	10.8	9.7	1.46	69
Lyra	R14-003	WH14094979	616679	7114822	8	Rock	Nikolett Kovacs	Brown weathering, massively bedded, coarse grained, non-calcareous siltstone with fine grained pyrite in matrix.	Q012989	**0.005**	1.4	12.6	0.15	6.7	3.24	0.41	47
Lyra	R14-004	WH14096673	616768	7114717	8	Rock	Rob Thomas	brecciated shale, matrix is quartz, ranging in colour from red to brown to clear. Also black crystalline mineral present - barite? Shale is highly silicified and vuggy with minor porous regions	N830892	**0.01**	0.58	796	0.11	30.8	4.52	0.41	35
Lyra	R14-004	WH14096673	616747	7114737	8	Rock	Nikolett Kovacs	Grey weathering siltstone brecciated with large quartz veinlets and limonitic fragments , quartz crystals are large and coat the vugs.	Q012990	**0.005**	0.44	250	0.09	3.1	2.59	0.5	36
Lyra	R14-004	WH14096673	616768	7114717	8	Rock	Rob Thomas	orange sandy altered siltstone/shale moderatly porous	N830891	**0.01**	0.77	190.5	0.16	12	3.14	0.56	1260
Lyra	R14-004	WH14096673	616768	7114717	8	Rock	Rob Thomas	shale breccia, highly silicified, matrix is predominantly quartz with oxide ranging in colour from yellow, brown, red, and orange. Minor porous sections through out.	N830894	**0.02**	2.02	2730	2.97	35.4	10.6	0.44	198
Lyra	R14-004	WH14096673	616740	7114715	8	Rock	Rob Thomas	highly altered shale, almost completely replaced by hydrothermal barite, minor porous regions, with quartz veinlets.	N830895	**0.005**	0.29	42.4	0.06	2	6.9	0.28	16
Lyra	R14-004	WH14096673	616740	7114715	8	Rock	Rob Thomas	clay material, dark grey to metallic in colour	N830896	**0.01**	1.42	162.5	1	34.6	19.5	11	66
Lyra	R14-004	WH14096673	616739	7114713	8	Rock	Rob Thomas	highly fractured granule shale fragments with clay matrix, dark grey in colour.	N830897	**0.01**	2.06	114	0.88	19.2	5.82	2.72	33
Lyra	R14-004	WH14096673	616739	7114713	8	Rock	Rob Thomas	fractured shale, oxidized brown to orange. Some vuggy regions.	N830898	**0.005**	0.64	358	0.13	2.6	3.29	0.63	188
Lyra	R14-004	WH14096673	616740	7114715	8	Rock	Rob Thomas	hydrothermal barite, possibly replacing siltstone, or filling large fractures. Orange to brown porous regions through out.	N830899	**0.005**	0.13	13.6	0.03	1.8	1.37	1.25	13

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Lyra	R14-004	WH14096673	616740	7114715	8	Rock	Rob Thomas	hydrothermal barite, possibly replacing siltstone, or filling large fractures. Orange to brown porous regions through out.	N830900	**0.01**	0.33	102.5	0.41	3.1	9.14	5.21	85
Lyra	R14-004	WH14096673	617251	7115013	8	Rock	Nikolett Kovacs	Fault Zone, strongly brecciated shale, possible fault gauge, matrix is silicified with small quartz crystals. Vuggy, vugs are usually filled with quartz. Limonitic alteration with brownish rusty staining on vugs.	Q012991	**0.005**	1.85	23	0.22	5.3	13.95	2.78	234
Anubis	R14-004	WH14096673	619016	7112917	8	Rock	Rob Thomas	Rock chip. Interval is 5m up gully from discovery outcrop, 3m long through dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830751	**11.35**	1.21	464	85.6	11.9	1.6	68	52
Anubis	R14-004	WH14096673	619026	7112915	8	Rock	Nikolett Kovacs	Rock Chip. Brownish weathering, sometimes lighter brown coloured, dark fresh surfaced shale, strongly sheared, slightly silicified.	Q012901	**0.08**	1.32	137	3.9	12.2	2.28	4.6	201
Anubis	R14-004	WH14096673	619017	7112913	8	Rock	Rob Thomas	altered shale, moderatly porous, silicified with minor quartz present. From horrizon within chip sample n830751	N830752	**9.7**	1.05	194.5	99	8.7	0.97	40	21
Anubis	R14-004	WH14096673	619026	7112903	8	Rock	Nikolett Kovacs	Rock Chip. Brownish weathering, dark fresh surfaced, strongly sheared shale, rusty alteration is minor.	Q012902	**0.01**	1.11	55.8	0.7	11.1	2.04	2.64	137
Anubis	R14-004	WH14096673	619014	7112914	8	Rock	Rob Thomas	Rock chip. 2m up gully from discovery outcrop. Interval is 4m long. dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830753	**3.34**	1.22	485	25.9	14.2	2.39	43.2	156
Anubis	R14-004	WH14096673	619019	7112912	8	Rock	Nikolett Kovacs	Brownish weathering , slightly silicifed, dark grey fresh surfaced shale. Sometimes vuggy, and spongy matrix.	Q012992	**0.005**	1.05	102	1.11	10.7	2.09	2.62	152
Anubis	R14-004	WH14096673	619024	7112908	8	Rock	Nikolett Kovacs	Rock Chip. Light brown weathering shale, dark grey fresh surfaced, strongly sheared, slightly brownish rusty altered.	Q012903	**0.01**	1	83.3	1.11	10.9	1.73	2.8	129
Anubis	R14-004	WH14096673	619010	7112871	8	Rock	Nikolett Kovacs	Rock Chip.Brownish weathering, dark grey fresh surfaced, strongly sheared, slightly limonitic altered.	Q012904	**0.005**	1.33	20.7	0.12	11.2	1.73	0.52	55
Anubis	R14-004	WH14096673	619011	7112917	8	Rock	Rob Thomas	Rock chip. 3m interval ending 1m above discovery outcrop. dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830754	**0.79**	1.34	318	11.4	12.2	2.99	16.6	201
Anubis	R14-004	WH14096673	619011	7112920	8	Rock	Rob Thomas	highly silicified horrizon 2m up slope from discovery outcrop. ~3cm thick, extremely porous. Shale is highly fractured breccia with quartz rich matrix. Minor orange to brown oxidation.	N830755	**1.86**	0.71	1545	12.9	7.3	3.13	32.5	214
Anubis	R14-004	WH14096673	619009	7112921	8	Rock	Rob Thomas	Rock Chip. 3m interval, 2m down gully from discovery interval. Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons. With horrizon of tan coloured weakly calcareuos shale.	N830756	**1.35**	1.07	536	8.31	11.9	2.45	27.7	210
Anubis	R14-004	WH14096673	619006	7112860	8	Rock	Nikolett Kovacs	Rock Chip. Greenish weathering shale with dark grey fresh colour, strongly sheared, slightly limonitic altered, non-calc. matrix.	Q012905	**0.005**	1.15	28.4	0.14	11.4	1.68	0.69	51
Anubis	R14-004	WH14096673	619009	7112873	8	Rock	Nikolett Kovacs	Green weathering, strongly altered shale with black fresh surface, matrix is yellowish spongy in places, non-calc. Strongly altered.	Q012993	**0.005**	0.79	12.9	0.07	3.9	1.11	0.3	49
Anubis	R14-004	WH14096673	619009	7112921	8	Rock	Rob Thomas	Rock chip. Continuation of interval 756. 3m interval, 2m down gully from discovery interval. Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830757	**2.15**	1.32	411	22.7	11.3	2.12	32.3	171
Anubis	R14-004	WH14096673	619013	7112924	8	Rock	Rob Thomas	horrizon of highly porous vuggy silicified shale, bleached in apperence. 3m down gully from discovery outcrop.	N830758	**102**	2.33	1450	541	6.1	2.72	19.05	24
Anubis	R14-004	WH14096673	619012	7112919	8	Rock	Rob Thomas	4m down stratigraphy from discovery outcrop. Highly silicified shale. Vuggy with minor oxide, quartz present through out.	N830759	**0.63**	0.48	379	2.67	4.4	1.66	5.34	219
Anubis	R14-004	WH14096673	619012	7112920	8	Rock	Rob Thomas	4m down stratigraphy from discovery outcrop. Highly silicified shale. Vuggy with minor oxide, quartz present through out.	N830760	**1.49**	0.53	448	3.22	3	2.04	6.38	216
Anubis	R14-004	WH14096673	618981	7112892	8	Rock	Nikolett Kovacs	Rock Chip. Brownish weathering, dark grey coloured shale, with local rusty spots, and spongy vuggy matrix.	Q012906	**0.005**	2.97	84.7	0.58	13.3	2.96	1.24	221
Anubis	R14-004	WH14096673	618980	7112900	8	Rock	Nikolett Kovacs	Rock Chip. Brown weathering shale, with dark grey fresh colour, locally rusty, spongy spots in matrix, non- calc. , sometimes interbedded with light brown weathering strongly oxidized, thin (5 cm) beds of limestone.	Q012907	**0.005**	1.47	72	0.31	12.1	2.67	1.38	254
Anubis	R14-004	WH14096673	618991	7112935	8	Rock	Rob Thomas	Rock chip. Continuation of interval 761. 3m interval, Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830762	**0.33**	1.12	346	2.82	13.7	5.89	7.7	352
Anubis	R14-004	WH14096673	618991	7112936	8	Rock	Rob Thomas	Rock chip. 3m interval, Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830761	**0.09**	1.18	266	0.67	11.8	2.96	9.9	307
Anubis	R14-004	WH14096673	618976	7112904	8	Rock	Nikolett Kovacs	Rock Chip. Brownish weathering, strongly sheared, black fresh surfaced shale with minor oxididation on weathering surface, and local green coloured alteration.	Q012908	**0.005**	1.4	71.4	0.34	12.8	2.57	1.11	254
Anubis	R14-004	WH14096673	618971	7112907	8	Rock	Nikolett Kovacs	Rock Chip. Brownish weathering, strongly sheared, black fresh surfaced shale, with strong rusty weathering, locally small quartz veinlets throughout the veinlets, and minor silicification of fracturing/ weathering surface.	Q012909	**0.005**	1.28	73.9	0.38	11.8	2.41	1.13	315
Anubis	R14-004	WH14096673	618957	7112952	8	Rock	Rob Thomas	Rock chip. 3m interval, Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830764	**0.03**	1.84	227	0.94	14.2	6.49	5.57	303
Anubis	R14-004	WH14096673	618969	7112926	8	Rock	Rob Thomas	Rock chip. 3m interval, Dark grey to black shale, minor oxide, vuggy, and silicified horrizons. Interval across brittle shear zone, highly sheared, small scale wavey folding through out.	N830763	**2.25**	2.04	328	7.49	14.3	7.4	6.16	288
Anubis	R14-004	WH14096673	618957	7112952	8	Rock	Rob Thomas	Rock chip. Continuation of interval 764. 3m interval, Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830765	**0.45**	1.64	320	4.73	14	5.54	9.19	252
Anubis	R14-004	WH14096673	618957	7112952	8	Rock	Rob Thomas	Rock chip. Continuation of interval 765. 3m interval, Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons. From hihgly stained and sheared zone.	N830766	**0.02**	2.3	97.1	0.86	12.7	3.11	4.66	343
Anubis	R14-004	WH14096673	618961	7112911	8	Rock	Nikolett Kovacs	Rock Chip. Brownish weathering, sometimes yellowish weathering, strongly sheared shale, black fresh surfaced. Strongly oxidized in places, with limonitic alteration and green coloured alteration.	Q012910	**0.005**	1.42	51.7	0.3	11.6	2.43	1.41	232
Anubis	R14-004	WH14096673	618944	7112926	8	Rock	Rob Thomas	Rock chip. 3m interval, Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830767	**0.005**	2.55	52.6	0.25	13	3.29	0.99	244

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Anubis	R14-004	WH14096673	618875	7112984	8	Rock	Nikolett Kovacs	Rock Chip. Grey crystalline limestone, fine grained, beige weathering, with large calcite veinlets, loally rusty limonitic alteration.	Q012911	**0.005**	0.06	18.4	0.13	3.2	0.46	0.12	14
Anubis	R14-004	WH14096673	618924	7112951	8	Rock	Rob Thomas	Rock chip. 3m interval, Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830769	**0.01**	1.2	253	0.8	25.5	3.62	1.79	246
Anubis	R14-004	WH14096673	618918	7112945	8	Rock	Rob Thomas	Rock chip. 3m interval, Dark grey to black shale, minor oxidized, vuggy, and silicified horrizons.	N830768	**0.01**	1.68	60.9	0.35	18.8	7.12	2.4	21
Anubis	R14-004	WH14096673	618902	7112998	8	Rock	Nikolett Kovacs	Rock Chip. Brownish grey weathering, strongly sheared shale, small (1-3 mm), vuggy quartz veins appaear along bedding plane. Locally, weathering changes to light grey and it is associated with dark, brown, oxidized material.	Q012912	**0.005**	0.96	113	0.27	14.4	2.58	1.02	246
Anubis	R14-004	WH14096673	618855	7112998	8	Rock	Rob Thomas	Rock chip. 10m long interval through massive limestone colluvium and subcrop, unaltered with brown to orange weathering.	N830770	**0.005**	0.12	73.6	0.19	13.8	0.52	0.07	253
Anubis	R14-004	WH14096673	618903	7113008	8	Rock	Nikolett Kovacs	Rock Chip. Brownish weathering , black fresh surfaced shale with medium rusty alteration, locally limonitic, and vuggy interbedded with brecciated limestone, vuggy, strongly veined.	Q012913	**0.005**	0.91	53.8	0.4	12.6	2.07	1.47	128
Anubis	R14-004	WH14096673	618897	7113008	8	Rock	Nikolett Kovacs	Orange weathering, strongly sheared black shale, with yellow weathering in matrix, sometimes hematitic alteration.	Q012994	**0.005**	0.91	11.3	0.58	10.6	1.85	2.03	17
Anubis	R14-004	WH14096673	618903	7113011	8	Rock	Nikolett Kovacs	Brownish orange weathering shale, locally vuggy, black fresh surfaced. Minor rusty spots in the matrix.	Q012995	**0.01**	0.9	151	0.84	13.5	2.46	2.35	164
Anubis	R14-004	WH14096673	618896	7113004	8	Rock	Nikolett Kovacs	Rusty, almost orange weathering black shale, slightly brecciated by quartz veins and limonitic alteration throughout matrix. Very strongly sheared.	Q012996	**0.005**	1.26	862	1.21	18.5	14.35	20.6	984
Anubis	R14-004	WH14096673	618907	7113010	8	Rock	Nikolett Kovacs	Rock Chip. Brownish orange weathering, black fresh surfaced, strongly sheared shale with local brecciation and limonitic alteration. Fresh surface has black, vuggy spots, non-calcareous, quartz brecciated matrix.	Q012914	**0.005**	1.51	253	0.42	15.5	3.53	3.04	460
Anubis	R14-004	WH14096673	618826	7113036	8	Rock	Rob Thomas	Rock chip, 3m interval across massive limestone outcrop. Unaltered in appearance.	N830772	**0.01**	0.31	54.5	1.71	16.8	1.1	0.07	64
Anubis	R14-004	WH14096673	618851	7113028	8	Rock	Rob Thomas	Rock chip, 3m interval across massive limestone outcrop. Unaltered in appearance.	N830771	**0.01**	0.34	134.5	0.4	20.5	1.08	0.3	345
Anubis	R14-004	WH14096673	618901	7113019	8	Rock	Nikolett Kovacs	Rock Chip. Brownish yellow weathering, brown to dark grey fresh surfaced, strongly sheared shale, 1 cm thick quartz veinlets along bedding, rusty, vuggy, limonitic spots, along quartz veins, slight brecciation.	Q012915	**0.005**	0.65	297	0.39	12.4	3.41	2.02	289
Anubis	R14-004	WH14096673	618859	7113030	8	Rock	Rob Thomas	Rock chip. 3m interval across dark grey to black shale. Minor oxidized zones and shearing.	N830773	**0.01**	5.73	411	3.07	128.5	12.55	2.98	285
Anubis	R14-004	WH14096673	618895	7113023	8	Rock	Nikolett Kovacs	Brownish grey weathering, brown grey fresh surfaced shale, strongly limonitic altered, locally quartz veins throughout the matrix, and vuggy spots appear spongy.	Q012997	**0.005**	0.8	358	0.39	12.1	3.24	2.22	409
Anubis	R14-004	WH14096673	618857	7113084	8	Rock	Rob Thomas	Rock chip. 3m dark grey to black shale, highly sheared and strained, with small scale wavey folding through out. Outcrop is at the bottom of anubis drainage and is highly sheared, most likely is representative of the anubis fault zone.	N830774	**0.01**	2.89	60.4	1.66	42.3	10.5	3.86	27
Anubis	R14-004	WH14096673	618857	7113089	8	Rock	Rob Thomas	Rock chip. 3m interval dark grey to black shale, highly sheared and strained, with small scale wavey folding through out. Vuggy quartz rich horrizons within shears. Outcrop is at the bottom of anubis drainage and is highly sheared, most likely is representative of the anubis fault zone. Interval from n83074-777.	N830775	**0.06**	2.13	90.8	2.29	29.9	10.7	4.26	16
Anubis	R14-004	WH14096673	618862	7113090	8	Rock	Rob Thomas	Rock chip. 3m interval dark grey to black shale, highly sheared and strained, with small scale wavey folding through out. Outcrop is at the bottom of anubis drainage and is highly sheared, most likely is representative of the anubis fault zone. Interval from n83074-777.	N830776	**0.06**	1.77	112	3.42	30.8	7.2	5.71	67
Anubis	R14-004	WH14096673	618908	7113050	8	Rock	Nikolett Kovacs	Rock Chip. Brown orange weathering shale, strongly altered, sheared, black fresh surface, few mm thick quartz veins run parallel to bedding.	Q012916	**0.005**	3.3	305	1.15	57.2	12	2.26	208
Anubis	R14-004	WH14096673	618863	7113088	8	Rock	Rob Thomas	Rock chip. 3m interval dark grey to black shale, highly sheared and strained, with small scale wavey folding through out. Vuggy quartz rich horrizons within shears and zones of very black porous shale present. Outcrop is at the bottom of anubis drainage and is highly sheared, most likely is representative of the anubis fault zone. Interval from n83074-777.	N830777	**0.17**	1.72	210	4.19	16.6	7.04	5.5	170
Anubis	R14-004	WH14096673	618912	7113047	8	Rock	Nikolett Kovacs	Rock Chip. Grey weathering, strongly sheared shale with local rusty orange spots, hematitic weathering, black fresh surfaced, slightly oxidized.	Q012917	**0.005**	1.81	74.7	0.57	23.4	8.35	1.65	111
Anubis	R14-004	WH14096673	618890	7113054	8	Rock	Nikolett Kovacs	Black weathering, black coloured, strongly sheared shale, slightly altered to rusty brown colour.	Q012998	**0.005**	1.53	128.5	0.76	16.6	8.79	2.55	126
Corona	R14-005	WH14099481	619562	7113035	8	Rock	Nikolett Kovacs	Orange weathering, orange fresh surfaced, strongly limonitic altered, slightly calcareous limonite.	Q012999	**0.005**	3.53	28800	1.72	571	86.2	8.5	37700
Corona	R14-005	WH14099481	619894	7113026	8	Rock	Rob Thomas	grey to brown fossiliferious dolostone, vuggy texture with minor dark clasts, calcite veinlets present. From pit NtHp14-145.	N830778	**0.01**	0.05	178.5	0.04	1.7	0.83	0.18	194
Corona	R14-005	WH14099481	619885	7112900	8	Rock	Nikolett Kovacs	Light brown to beige weathering, slightly brecciated limestone, slightly altered to oxide.	Q013000	**0.005**	0.05	1260	0.05	4.1	2.89	1.31	277
Corona	R14-005	WH14099481	619923	7112802	8	Rock	Nikolett Kovacs	White weathering, very fine grained, slightly brecciated limestone with hematitic staining on weathering surface.	Q012918	**0.005**	0.04	37.5	0.05	3.4	0.47	0.03	141

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Corona	R14-005	WH14099481	619922	7112833	8	Rock	Nikolett Kovacs	White light grey weathering limestone, slightly brecciated, dark grey fresh surfaced, crystalline limestone.	Q012919	**0.005**	10.35	400	0.79	2270	12.7	0.64	523
Corona	R14-005	WH14099481	619916	7112820	8	Rock	Nikolett Kovacs	White weathering, crystalline limestone with fine grained matrix, slightly brecciated.	Q012920	**0.005**	0.05	21.7	0.03	16.8	0.45	0.02	37
Corona	R14-005	WH14099481	619998	7112674	8	Rock	Rob Thomas	orange to brown breccia, matrix is highly porous and weakly calcareous, clasts are chert. From pit NtHp14-145.	N830779	**0.005**	1.11	771	0.92	94.9	7.04	0.85	7410
Corona	R14-005	WH14099481	619998	7112674	8	Rock	Rob Thomas	black rock with orange calcite veinlets, very fine grained and weakly calcareous, possible shale, but more likely dolostone. NtHp14-145	N830780	**0.03**	0.21	163	0.46	8.5	3.64	0.87	676
Corona	R14-005	WH14099481	619998	7112674	8	Rock	Rob Thomas	dolostone chert breccia with calcite matrix, calcite is orange to brown. NtHp14-145	N830781	**0.005**	0.2	206	0.8	7.7	2.71	0.33	412
Corona	R14-005	WH14099481	619918	7112812	8	Rock	Nikolett Kovacs	NT-HP-14-148. Large blocks of fossiliferous limestone at 1 m depth. Slightly limonitic altered, coarse ,grained, rounded blocks.	Q012921	**0.005**	0.22	103.5	0.23	19.4	1.61	0.15	254
Corona	R14-005	WH14099481	619919	7112815	8	Rock	Nikolett Kovacs	NT-HP-14-148. Large blocks of rounded limestone, grey to beige weathering, grey fresh surfaced, slightly brecciated with small (few cm) thin, black seems.	Q012922	**0.005**	0.03	34.2	0.05	3.8	0.5	0.06	42
Corona	R14-005	WH14099481	620018	7112760	8	Rock	Nikolett Kovacs	NT-HP-14-150. Black weathering, black coloured, clay rich limestone.	Q012923	**0.005**	1.66	666	0.37	4.3	6.42	0.49	310
Corona	R14-005	WH14099481	620052	7112684	8	Rock	Rob Thomas	NtHp14-149, black crystalline limestone, sandy texture, moderately porous zones. Very finely disseminated pyrite and small scale calcite veinlet's through out. Weakly magnetic, strong acid reaction.	N830782	**0.005**	0.43	171	0.21	4.3	1.87	0.26	254
Corona	R14-005	WH14099481	620052	7112684	8	Rock	Rob Thomas	NtHp14-149, black crystalline limestone, sandy texture, moderately porous zones. Very finely disseminated pyrite and small scale calcite veinlet's through out. Weakly magnetic, strong acid reaction.	N830783	**0.005**	0.42	130	0.25	4.1	2.37	0.3	225
Corona	R14-005	WH14099481	620052	7112684	8	Rock	Rob Thomas	NtHp14-149, black to dark grey clay material from pit bottom, with minor rock frags.	N830784	**0.01**	1.36	427	1.33	55.6	6.27	1.88	890
Corona	R14-005	WH14099481	620052	7112684	8	Rock	Rob Thomas	NtHp14-149, grey fossiliferous limestone with calcite veins and Black porous material through out, either altered clasts or open space filling.	N830785	**0.005**	0.15	65.2	0.1	8.7	0.92	0.12	79
Corona	R14-005	WH14099481	620052	7112684	8	Rock	Rob Thomas	NtHp14-149, grey brecciated limestone with black sandy calcareous matrix.	N830786	**0.005**	0.28	91.6	0.1	2.4	0.73	0.14	120
Corona	R14-005	WH14099481	620016	7112756	8	Rock	Nikolett Kovacs	NT-HP-14-150. Light grey to brown weathering, fossiliferous limestone, sometimes crystalline, unaltered, locally hematitic hue on the fracturing surface.	Q012924	**0.005**	0.02	86.8	0.03	1.1	0.28	0.19	206
Corona	R14-005	WH14099481	620016	7112755	8	Rock	Nikolett Kovacs	NT-HP-14-150. Black weathering, spongy textured, very clay like limestone. Calcareous.	Q012925	**0.005**	0.68	278	0.17	1.9	1.96	0.31	115
Corona	R14-005	WH14099481	620012	7112756	8	Rock	Nikolett Kovacs	NT-HP-14-150. Black coloured, sometimes grey to blue hue chip sample from the bottom of the pit.	Q012926	**0.005**	1.71	771	0.53	8.2	4.75	4	489
Corona	R14-005	WH14099481	620016	7112759	8	Rock	Nikolett Kovacs	Light grey weathering, fossiliferous limestone, with local beige weathering. Slightly brown altered. (sample was taken just above high arsenic soil anomaly)	Q012927	**0.005**	0.05	52.5	0.02	0.5	0.2	0.23	30
N1	R14-005	WH14099481	618766	7112023	8	Rock	Rob Thomas	limoniticly altered limestone. Brown to orange in colour, moderately porous.	N830787	**0.005**	0.3	649	0.03	6.9	0.54	0.38	32
N1	R14-005	WH14099481	618758	7112028	8	Rock	Rob Thomas	grey to brown dolomitized limestone. Sandy vuggy texture, moderately porous.	N830788	**0.005**	0.37	278	0.07	3.8	0.87	0.18	95
N1	R14-005	WH14099481	618771	7112033	8	Rock	Nikolett Kovacs	Light brown weathering, porous, limonitic limestone.	Q012928	**0.005**	0.05	24.1	0.02	1.2	0.24	0.05	22
N1	R14-005	WH14099481	618755	7112029	8	Rock	Rob Thomas	brown to orange limestone breccia, matrix is sandy and minorly porous. Clast are grey to white limestone possibly dolomitized	N830789	**0.005**	0.11	506	0.04	2.3	0.83	0.15	68
N1	R14-005	WH14099481	618761	7112027	8	Rock	Rob Thomas	brown to orange limestone, pervasive limanitic alteration. Vuggy sandy texture. Heavy.	N830790	**0.005**	0.36	2840	0.11	8.2	2.46	0.27	104
N1	R14-005	WH14099481	618749	7112030	8	Rock	Nikolett Kovacs	Light grey fresh surfaced, fine grained, crystalline limestone with fine grained black veinlets in matrix.	Q012929	**0.005**	0.31	78.3	0.15	0.7	0.44	0.04	38
N1	R14-005	WH14099481	618750	7112029	8	Rock	Nikolett Kovacs	White fresh surfaced, fine grained, dolomitic limestone.	Q012930	**0.005**	0.04	4.3	0.02	0.8	0.1	0.01	5
N1	R14-005	WH14099481	618723	7112039	8	Rock	Rob Thomas	limonite. Orange, brown, yellow, and white clasts oxidized through out. Extremely porous and vuggy. Metallic stringers throughout	N830791	**0.005**	0.13	2870	0.66	1.8	11.65	10	3740
N1	R14-005	WH14099481	618705	7112055	8	Rock	Nikolett Kovacs	Orange weathering, strongly decarb., porous, limonitic limestone with hematitic staining and brecciation.	Q012931	**0.005**	0.19	2440	0.16	4.9	5.5	1.85	241
N1	R14-005	WH14099481	618707	7112056	8	Rock	Nikolett Kovacs	Orange weathering, decarb., limonitic, porous limestone.	Q012933	**0.005**	0.32	2010	0.14	2.4	6.82	1.67	211
N1	R14-005	WH14099481	618699	7112039	8	Rock	Rob Thomas	hematitic limestone breccia, orange to red in colour, sandy texture with clast of jasperoid.	N830792	**0.01**	0.19	1090	0.22	2.1	8.5	0.39	98
N1	R14-005	WH14099481	618707	7112058	8	Rock	Nikolett Kovacs	Orange weathering, decarb., limonitic, sandy limestone.	Q012932	**0.005**	0.1	2210	0.18	2.5	3.31	0.92	173
N1	R14-005	WH14099481	618702	7112052	8	Rock	Nikolett Kovacs	Orange weathered, porous, decarb. Limonite altered, brecciated limestone with black seems.	Q012934	**0.005**	0.09	1640	0.43	1.5	2.68	0.74	323
N1	R14-005	WH14099481	618703	7112067	8	Rock	Nikolett Kovacs	Orange weathering, porous, strongly limonite altered, decarbonatized limestone with hematite staining and slightly brecciated matrix.	Q012935	**0.005**	0.1	797	0.04	0.7	1.37	1.83	112
N1	R14-005	WH14099481	618699	7112068	8	Rock	Nikolett Kovacs	Brownish rusty weathering, fine grained, decarbonatized, strongly limonitic limestone, with dark brown small seems cross-cutting matrix.	Q012936	**0.005**	0.11	983	0.07	1.3	1.04	1.48	390
N1	R14-005	WH14099481	618720	7112070	8	Rock	Rob Thomas	hematitic limestone, very sandy texture, moderately porous. Calcite sand within.	N830793	**0.005**	0.06	57.4	0.07	1.5	0.6	0.09	63
N1	R14-005	WH14099481	618725	7112072	8	Rock	Rob Thomas	limonite. Brown to orange, highly porous and vuggy.	N830794	**0.005**	0.45	2070	0.25	6	11.75	0.42	1120

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
N1	R14-005	WH14099481	618700	7112071	8	Rock	Nikolett Kovacs	Orange brown weathering, porous, decarbonatized, limonitic, brecciated limestone with black seems in matrix.	Q012937	0.005	0.37	1595	0.31	2.5	3.51	13.15	1570
N1	R14-005	WH14099481	618690	7112077	8	Rock	Nikolett Kovacs	Brown weathering, porous, limonitic limestone with decarbonatized texture.	Q012938	0.005	0.24	572	0.12	3	1.18	1.9	577
N1	R14-005	WH14099481	618725	7112085	8	Rock	Rob Thomas	limoniticly altered limestone, orange to brown, moderatly porous. Vuggy texture.	N830796	0.005	0.11	168.5	0.04	0.8	2.23	0.11	171
N1	R14-005	WH14099481	618710	7112087	8	Rock	Nikolett Kovacs	Brown weathering, brecciated, decarbonatized limestone with hematitic spots in matrix, slightly limonite altered.	Q012939	0.005	0.15	7120	0.87	5.9	53.1	2.15	1310
N1	R14-005	WH14099481	618726	7112080	8	Rock	Rob Thomas	decarbonitized hematitic limestone, sandy texture, highly porous, red to orange.	N830795	0.005	0.64	4020	0.58	1.8	12.7	0.6	1110
N1	R14-005	WH14099481	618711	7112092	8	Rock	Nikolett Kovacs	Hematitic weathering, crystalline, grey fresh surfaced, calcareous limestone with locally cherty parts.	Q012940	0.005	0.31	56.1	0.08	1.1	0.34	0.16	36
N1	R14-005	WH14099481	618722	7112094	8	Rock	Rob Thomas	dolomitized hematitic limestone, vuggy sandy texture, highly porous regions through out.	N830797	0.005	0.14	170.5	0.08	1.3	7.02	0.1	165
N1	R14-005	WH14099481	618718	7112094	8	Rock	Nikolett Kovacs	Brownish orange weathering, slightly brecciated, decarbonatized limestone with strong limonitic alteration and strong hematitic alteration.	Q012941	0.005	0.24	12900	0.97	5.7	41.8	5.52	1160
N1	R14-005	WH14099481	618718	7112100	8	Rock	Nikolett Kovacs	Brown weathering, grey fresh surfaced, medium grained, crystalline limestone, with large calcite crystals on the weathered surface.	Q012942	0.005	0.11	259	0.08	0.6	1.04	0.19	77
N1	R14-005	WH14099481	618726	7112103	8	Rock	Rob Thomas	white to grey dolomitized limestone, vuggy prous regions and whispy darker bands through out.	N830798	0.005	0.18	437	0.18	2.2	2.12	0.25	214
N1	R14-005	WH14099481	618715	7112108	8	Rock	Nikolett Kovacs	Orange brown weathering, brecciated, spongy, limonitic altered limestone, some of the subrounded clasts are pink weathering. Decarbonatized.	Q012943	0.005	0.22	3210	0.17	4.9	15.6	2.73	1050
N1	R14-005	WH14099481	618680	7112028	8	Rock	Rob Thomas	hematitic limestone, abundant calcite sand, moderately porous, altered appearance.	N830799	0.01	0.2	1500	0.36	1.9	4.12	1.28	688
N1	R14-005	WH14099481	618666	7112035	8	Rock	Nikolett Kovacs	Light brown weathering, fossiliferous limestone, large grained, strongly calcareous, vuggy textured.	Q012944	0.005	0.02	94.3	0.05	0.5	0.36	0.07	92
N1	R14-005	WH14099481	618614	7112052	8	Rock	Nikolett Kovacs	White weathering, white fresh surfaced, very fine grained, dolomitic limestone.	Q012945	0.005	0.04	20.9	0.02	0.25	0.12	0.04	9
N1	R14-005	WH14099481	618571	7112038	8	Rock	Rob Thomas	hematitic limestone, abundant calcite sand, moderately porous, altered appearance.	N830800	0.005	0.04	260	0.03	0.25	0.32	0.06	64
N1	R14-005	WH14099481	618615	7112060	8	Rock	Nikolett Kovacs	Beige to white weathering, slightly dolomitic limestone with local vugs, slightly calcareous (maybe slightly zebra textured) dolostone.	Q012946	0.005	0.13	20.9	0.03	0.5	0.37	0.03	24
N1	R14-005	WH14099481	618611	7112067	8	Rock	Nikolett Kovacs	Brown weathering, sandy, vuggy, strongly calcareous limestone with slight limonitic alteration.	Q012947	0.005	0.02	43.5	0.14	1.1	0.26	0.06	84
N1	R14-005	WH14099481	618636	7112036	8	Rock	Nikolett Kovacs	Brown weathering, fine grained, strongly dolomitic altered, decarbonatized limestone with black clay seems in the matrix.	Q012948	0.005	0.26	2160	1.11	10.4	17.8	1.35	72
N1	R14-005	WH14099481	618655	7112028	8	Rock	Nikolett Kovacs	Limonitic altered, rusty, qyartz clasts brecciated, decarbonatized limestone with hematitic fractured surface.	Q012949	0.005	0.25	1090	0.2	3.2	1.64	0.83	543
N1	R14-005	WH14099481	618655	7112023	8	Rock	Nikolett Kovacs	Brownish rusty weathering, brecciated, limonitic limestone breccia, porous, spongy textured.	Q012950	0.005	0.1	10750	1.58	6.6	43.2	4.64	1530
Amon	R14-006	WH14101204	627800	7112905	8	Rock	Elizabeth Flavelle	Blue-grey fine grained crystalline dolomite with minor to moderate limonite staining	N831760	0.04	0.82	112	2.56	24.9	0.52	0.48	589
Amon	R14-006	WH14101204	627800	7112905	8	Rock	Elizabeth Flavelle	Blue-grey fine grained crystalline dolomite with minor to moderate limonite staining	N831761	0.01	0.74	337	2.36	64.9	0.61	1.15	264
Amon	R14-006	WH14101204	627800	7112905	8	Rock	Elizabeth Flavelle	Blue-grey fine grained crystalline dolomite with significant alteration/limonite	N831762	0.01	0.65	179	3.88	23.6	0.53	1.06	352
Amon	R14-006	WH14101204	627800	7112905	8	Rock	Elizabeth Flavelle	Blue-grey fine grained crystalline dolomite with minor to moderate limonite staining	N831763	0.005	0.18	81.4	1.02	12.6	0.44	0.51	107
Amon	R14-006	WH14101204	627800	7112905	8	Rock	Elizabeth Flavelle	Blue-grey fine grained crystalline dolomite with minor to moderate limonite staining	N831764	0.01	0.35	187	2.37	14.4	0.46	0.96	188
Amon	R14-006	WH14101204	627800	7112905	8	Rock	Elizabeth Flavelle	Blue-grey fine grained crystalline dolomite with minor to moderate limonite staining	N831765	0.005	0.29	103	1.29	20.2	0.29	0.6	88
Amon	R14-006	WH14101204	627800	7112905	8	Rock	Elizabeth Flavelle	Blue-grey fine grained crystalline dolomite with minor to moderate limonite staining	N831766	0.02	0.14	207	1.39	10.9	0.39	0.79	70
Amon	R14-006	WH14101204	627800	7112905	8	Rock	Elizabeth Flavelle	Blue-purple fine grained, thinly bedded mudstone with surficial alteration/limonite staining	N831767	0.03	0.61	190	3.5	52	1.14	1.52	245
Amon	R14-006	WH14101204	627800	7112905	8	Rock	Elizabeth Flavelle	Blue-grey fine grained crystalline dolomite with minor to moderate limonite staining and a quartz or dolomite 0.5 cm wide vein + hematite stained veinlet	N831768	0.01	0.17	157	1.95	16.2	0.44	0.81	66
Amon	R14-006	WH14101204	627861	7113006	8	Rock	Harrison Pokrandt	unaltered Dolomite from pit, slightly pourus, weak reaction to HCL	N831769	0.005	0.19	192	0.89	31.4	0.47	1.15	90
Amon	R14-006	WH14101204	627861	7113006	8	Rock	Harrison Pokrandt	weakly altered Dolomite, pourus, weak reaction to HCL, small formation of quartz crystals and some calcite veinlets, slightly buggy texture	N831770	0.01	0.15	201	1.16	27.5	0.36	0.91	219
Amon	R14-006	WH14101204	627861	7113006	8	Rock	Harrison Pokrandt	weakly altered dolomite, pourus, weak reaction to HCL	N831771	0.005	0.11	216	0.81	26.6	0.32	1.05	51
GT	R14-006	WH14101204	622086	7113345	8	Rock	Nikolett Kovacs	Beige to brown weathering, vuggy, silicified, brecciated limestone in a possible fault zone. Slight limonitic alteration and spongy texture.	N831751	0.01	73.9	202	154	2490	85.5	0.76	45300
GT	R14-006	WH14101204	622088	7113345	8	Rock	Nikolett Kovacs	Brown weathering, boxwork silicification on weathering surface, vuggy, brecciated, slightly silicified limestone with limonitic clasts.	N831752	0.005	95.9	187	191.5	1030	45.9	0.56	62400
GT	R14-006	WH14101204	622100	7113328	8	Rock	Nikolett Kovacs	Brown weathering, brecciated, silicified limestone in possible fault zone, vuggy, locally calcareous.	N831753	0.005	465	326	504	11250	75.2	1.55	176000

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
GT	R14-006	WH14101204	622105	7113333	8	Rock	Nikolett Kovacs	Beige to light brown coloured, strongly brecciated limestone, possible fault gauge. Limonitic and hematitic staining on fresh surface.	N831754	0.005	354	307	420	7370	91.5	1.18	137500
GT	R14-006	WH14101204	622095	7113322	8	Rock	Nikolett Kovacs	Brown weathering, brecciated limestone, with silicified matrix.	N831755	0.005	134	306	206	1140	28.8	1.17	62400
GT	R14-006	WH14101204	622036	7113377	8	Rock	Rob Thomas	dark grey silicified limestone, quartz stringers with green oxide throughout.	N831701	0.005	0.07	10.3	0.05	7.7	0.25	0.06	105
GT	R14-006	WH14101204	622036	7113377	8	Rock	Rob Thomas	zebra dolostone, minor quartz veinlets, black non calcareuos material within fractures. Sample is compolation of pit bedrock.	N831702	0.005	0.05	4.8	0.08	8.9	0.32	0.55	70
GT	R14-006	WH14101204	622036	7113377	8	Rock	Rob Thomas	black sandy decarb limestone, moderately porous, quartz crystals and brown to red oxide material present throughout	N831703	0.005	0.06	5.6	0.08	9.8	0.25	0.24	32
GT	R14-006	WH14101204	622036	7113377	8	Rock	Rob Thomas	brown decarb limestone, regions of orange oxide, sandy punky texture, minor quartz veinlets.	N831704	0.005	0.43	60.5	0.95	51	1	0.8	950
GT	R14-006	WH14101204	622115	7113330	8	Rock	Nikolett Kovacs	HP-Vuggy, strongly silicified, grey limestone with limonitic alteration and slightly brecciated matrix.	N831756	0.02	169	422	422	2550	132.5	1.91	227000
GT	R14-006	WH14101204	622036	7113396	8	Rock	Rob Thomas	brown to orange sandy limestone (posible dolostone), brecciated texture, minor porousity.	N831705	0.005	1.01	44.8	0.39	208	1.71	0.45	775
GT	R14-006	WH14101204	622104	7113327	8	Rock	Nikolett Kovacs	HP-Brecciated limestone with with subrounded quartz clasts and silicified matrix.	N831757	0.005	7.53	51.2	10.55	146	3.04	0.67	22400
GT	R14-006	WH14101204	622110	7113329	8	Rock	Nikolett Kovacs	HP- vuggy, white weathering, brecciated limestone, strongly calcareous with limonitic clasts and grey calcareous matrix.	N831758	0.005	752	601	485	71100	134	5.26	169000
GT	R14-006	WH14101204	622038	7113395	8	Rock	Rob Thomas	zebra dolostone breccia, matrix is brown sandy silicified material, highly porous.	N831706	0.005	0.62	56.1	1.15	142	2.59	0.88	749
GT	R14-006	WH14101204	622108	7113329	8	Rock	Nikolett Kovacs	HP-Brecciated limestone with very strong white weathering slight limonitic alteration and rusty spots in matrix.	N831759	0.005	127	195.5	276	1440	39.2	0.5	96500
GT	R14-006	WH14101204	622038	7113394	8	Rock	Rob Thomas	brown sandy decarb limestone, highly porous, punky texture, with metallic stringers throughout.	N831707	0.005	4.26	565	3.69	768	12.25	4.57	2830
N9	R14-006	WH14101204	621961	7107415	8	Rock	Rob Thomas	white to grey crystalline dolostone, minor silicification, with quartz veinlets, vuggy in some regions with black material filling fractures.	N831708	0.005	0.02	54.4	1.63	7.5	0.56	0.12	32
N9	R14-006	WH14101204	622039	71072286	8	Rock	Rob Thomas	white crystalline dolomite, black veinlets throughout, minor vugs filled with calcite.	N831710	0.005	0.03	63	1.34	6.7	0.3	0.06	28
N9	R14-006	WH14101204	622009	7107264	8	Rock	Nikolett Kovacs	Hand Pit- sandy limestone, limonitic altered, rounded fragments, strongly calcareous sampled from 0.5 m of the pit.	N831772	0.005	0.06	179.5	0.14	9.8	30.1	0.22	48
N9	R14-006	WH14101204	622339	7107266	8	Rock	Nikolett Kovacs	Vuggy weathering, strongly silicified limestone, grey weathering surface, locally vuggy along quartz veins.	N831773	0.005	0.04	906	0.08	3.5	0.18	0.09	37
dale	R14-006	WH14101204	617949	7115718	8	Rock	Nikolett Kovacs	Limonitic weathering, fine grained, non-calcareous siltstone.	N831774	0.005	0.07	7.9	0.08	15.9	0.18	0.42	96
dale	R14-006	WH14101204	617878	7115840	8	Rock	Nikolett Kovacs	Brown weathering, limonitic, slightly silicified limestone with grey fresh weathering surface.	N831775	0.005	0.1	4.5	0.12	10.1	0.23	0.17	52
dale	R14-006	WH14101204	617859	7115979	8	Rock	Rob Thomas	dark grey to black crystalline dolostone, outcrop has bleached appearance, minor calcite veinlets and thin sandy layers.	N831713	0.005	0.11	39.4	0.66	16.8	0.2	0.36	80
dale	R14-006	WH14101204	617869	7115961	8	Rock	Rob Thomas	brown punky weakly calcareuos dolostone, or possibly altered limestone. Minor calcite veinlets present.	N831714	0.005	0.03	28.4	0.18	12.6	0.34	0.32	102
dale	R14-006	WH14101204	617903	7115929	8	Rock	Rob Thomas	grey crystalline dolostone, minor quartz present, along with greenish oxide in fractures. Geotool pit at high Hg in soil.	N831715	0.005	0.04	52.4	0.61	7.9	0.12	0.62	66
dale	R14-006	WH14101204	617820	7116026	8	Rock	Nikolett Kovacs	Limonitic weathering, siltstone with large calcite veins and vugs, strongly calcareous matrix.	N831776	0.005	0.1	12.2	0.11	9.8	0.41	0.24	89
dale	R14-006	WH14101204	617816	7116011	8	Rock	Nikolett Kovacs	Brecciated zebra textured dolostone, slightly calcareous matrix, large calcite veinlets brecciating matrix, limontic alteration on fracturing surface.	N831777	0.005	0.18	47.1	0.89	8.1	0.17	4.2	91
dale	R14-006	WH14101204	617886	7116089	8	Rock	Nikolett Kovacs	Grey weathering, strongly brecciated limestone with black clay like material in matrix, strongly calcareous matrix, and massive calcite brecciating matrix.	N831778	0.005	0.11	9.2	0.2	2.7	0.07	0.09	54
dale	R14-006	WH14101204	617751	7116137	8	Rock	Rob Thomas	black crystalline limestone, pervasive calcite veinlets and minor vuggy regions within fractures.	N831716	0.005	0.03	3.9	0.03	5.4	0.13	0.09	6
dale	R14-006	WH14101204	617657	7116121	8	Rock	Nikolett Kovacs	Brown to grey weathering, brecciated dolostone with vugs and slight limonitic alteration on weathering surface.	N831779	0.005	0.08	63.5	0.13	6	0.06	0.58	70
dale	R14-006	WH14101204	617669	7116120	8	Rock	Rob Thomas	brecciated grey crystalline dolostone, matrix is sandy with minor oxide.	N831717	0.005	0.21	162.5	2.16	24.2	0.23	2.32	192
dale	R14-006	WH14101204	617659	7116128	8	Rock	Nikolett Kovacs	Grey weathering, fine grained limestone with small vugs in matrix and slight limonitic alteration.	N831780	0.005	0.07	15.2	0.09	5.5	0.025	0.12	22
dale	R14-006	WH14101204	617611	7116123	8	Rock	Rob Thomas	grey crystalline dolostone, minor quartz present, vuggy texture with minor oxidation throughout.	N831718	0.005	0.01	32.6	0.09	4.2	0.09	0.36	20
dale	R14-006	WH14101204	617647	7116125	8	Rock	Nikolett Kovacs	Grey weathering, vuggy, dolostone with large calcite veinlets throughout the matrix.	N831781	0.005	0.04	32.2	0.15	3	0.025	0.44	28
dale	R14-006	WH14101204	617441	7116149	8	Rock	Rob Thomas	vuggy grey crystalline dolostone, minor quartz and calcite present, minor greenish oxide in fractures.	N831719	0.005	0.02	5.3	0.28	28.7	0.29	0.05	13
dale	R14-006	WH14101204	617457	7116146	8	Rock	Rob Thomas	grey crystalline dolostone, minor quartz present, minor greenish oxide in fractures.	N831720	0.005	0.05	9.9	2.39	24.1	0.21	0.06	43
dale	R14-006	WH14101204	617425	7115555	8	Rock	Nikolett Kovacs	Brown weathering, calcareous, coarse grained, slightly limonitic altered sandstone with silicified matrix.	N831782	0.005	0.12	5.2	0.11	11.7	0.2	0.07	75
dale	R14-006	WH14101204	617440	7115533	8	Rock	Rob Thomas	grey to brown siltstone debris flow conglomerate, porous with vuggy texture. Altered appearance.	N831721	0.005	0.07	14.7	0.3	22.3	0.74	0.29	72
dale	R14-006	WH14101204	617476	7115509	8	Rock	Nikolett Kovacs	Orange brown weathering, vuggy, non- calc. siltstone in subcrop with limonitic weathering.	N831783	0.005	0.08	17	0.08	15.3	0.87	0.28	33
dale	R14-006	WH14101204	617465	7115502	8	Rock	Rob Thomas	silicified grey crystalline dolostone, minor quartz vaining, minor vuggy regions.	N831722	0.005	0.07	4.6	0.07	6.3	0.29	0.08	31

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
dale	R14-006	WH14101204	617550	7115444	8	Rock	Nikolett Kovacs	Brown weathering debrite, heterogeneous clasts ranging from 5 cm to 1 cm , matrix is slightly oxidized. Some of the clasts are strongly calcareous otherwise, non-calc. matrix.	N831784	0.005	0.08	4.1	0.05	11	0.42	0.18	50
dale	R14-006	WH14101204	618855	7115778	8	Rock	Nikolett Kovacs	Grey weathering, silicified limestone with slight limonitic alteration and quartz veins on the weathering surface.	N831785	0.005	0.1	5.5	0.13	436	0.91	0.14	32
dale	R14-006	WH14101204	618845	7115776	8	Rock	Rob Thomas	highly silicified crystalline limestone, minorly calcareous, sections of brown to orange oxide in fractures.	N831723	0.005	0.02	4.2	0.09	8	0.19	0.01	22
dale	R14-006	WH14101204	618819	7115574	8	Rock	Rob Thomas	brown to orange altered limestone, sandy texture, highly porous, decarb, limonitic alteration, quartz grains and finely disseminated pyrite present.	N831724	0.005	0.04	15.2	0.19	8.5	0.35	0.08	101
dale	R14-006	WH14101204	618875	7115839	8	Rock	Nikolett Kovacs	Yellow weathering, porous, strongly calcareous and weathered limestone.	N831786	0.005	0.02	531	0.36	8.4	0.37	1.66	118
dale	R14-006	WH14101204	618805	7115508	8	Rock	Rob Thomas	dark grey limestone, porous vuggy regions, weakly silicified, just down slope from linear feature.	N831725	0.005	0.04	3.1	0.03	7.3	0.25	0.05	215
dale	R14-006	WH14101204	618840	7115541	8	Rock	Rob Thomas	dark grey crystalline limestone brecciated texture with vuggy porous regions, brown to orange oxide in fractures.	N831726	0.005	0.1	3.4	0.05	9	0.35	0.36	141
dale	R14-006	WH14101204	618987	7115727	8	Rock	Nikolett Kovacs	Light brown weathering, platy, laminated, well-bedded limestone, locally brecciated with calcite veins, grey fresh surfaced with crystalline matrix, strongly calcareous.	N831787	0.005	0.03	4.7	0.09	4.5	0.14	0.13	20
dale	R14-006	WH14101204	618980	7115470	8	Rock	Nikolett Kovacs	Slightly brecciated dolostone with thick calcite veinlets throughout the matrix, minor limonitic alteration in matrix.	N831788	0.005	0.04	2.3	0.04	5.1	0.17	0.05	7
dale	R14-006	WH14101204	618904	7115492	8	Rock	Nikolett Kovacs	Grey weathering, fine grained, crystalline limestone, strongly weathered to yellow and red colour, spongy textured, hematitic and limonitic alteration.	N831789	0.005	0.02	1.8	0.01	2.2	0.14	0.05	6
dale	R14-006	WH14101204	619027	7115249	8	Rock	Rob Thomas	highly silicified dolostone, pervasive boxwork texture, highly porous, minor orange to brown oxide occurring in vugs.	N831727	0.005	0.28	5070	1960	120	10.45	5.11	290
dale	R14-006	WH14101204	618963	7115437	8	Rock	Nikolett Kovacs	Brown, orange weathering, strongly brecciated limestone with pervasive limonitic alteration, strongly calcareousn and spongy weathering surface.	N831790	0.005	0.02	0.1	0.02	0.9	0.12	0.03	30
dale	R14-006	WH14101204	618924	7115241	8	Rock	Rob Thomas	crystalline dolostone, minor vugs and weakly altered appearance, greenish oxide on fractures.	N831728	0.005	0.04	574	8.54	14.7	1.26	2.77	47
dale	R14-006	WH14101204	618871	7115509	8	Rock	Nikolett Kovacs	Limestone breccia, grey weathering, subrounded to subangular clasts with calcareous matrix.	N831791	0.005	0.02	1.7	0.02	4.4	0.15	0.04	143
dale	R14-006	WH14101204	619126	7115302	8	Rock	Nikolett Kovacs	Brecciated siltstone with quartz veins, non-calcareous and vuggy.	N831792	0.005	0.15	87.8	0.06	143.5	1.28	0.42	115
dale	R14-006	WH14101204	619146	7114946	8	Rock	Rob Thomas	composition sample of old hand pit, no reps marked, or noted on map. Crystalline dolostone, and crystalline dolostone breccia present, matrix is sandy and weakly calcareuos, greenish oxide present through out all.	N831729	0.005	0.03	137.5	1.35	8.8	0.44	5.59	88
dale	R14-006	WH14101204	619561	7115580	8	Rock	Nikolett Kovacs	Orange weathering, strongly calcareous and weathered limestone, slightly brecciated with calcite veins, and strongly oxidized on surface.	N831793	0.005	0.02	919	0.66	4.9	0.56	1.02	68
	R14-007	WH14103098	626868	7113203	8	Rock	Nikolett Kovacs	Brown weathering, calcareous siltstone with calcite veinlets throughout matrix with orange rusty fresh surface.	N831794	0.005	0.05	3.8	0.04	10.4	0.27	0.23	73
	R14-007	WH14103098	626847	7113127	8	Rock	Rob Thomas	vuggy porous shale, dark grey, weakly silicified, altered appearance.	N831730	0.005	0.19	16	0.11	74.5	0.59	0.41	106
	R14-007	WH14103098	626848	7113203	8	Rock	Nikolett Kovacs	Brown weathering, silicified limestone with powdery rusty surface, and strong quartz brecciation.	N831795	0.005	0.03	33	0.24	10.6	0.14	0.06	20
	R14-007	WH14103098	626824	7113226	8	Rock	Nikolett Kovacs	Green to brownish weathering, vuggy, non-calcareous, strongly oxidized limestone, porous in matrix, and fresh surface also has green (arsenic oxide ?) colour.	N831796	0.005	0.11	24200	213	19.1	2.93	6.75	37
	R14-007	WH14103098	626822	7113228	8	Rock	Nikolett Kovacs	Green coloured, calcareous siltstone, strongly brecciated with calcite veinlets.	N831797	0.005	0.03	100.5	1.68	6.5	0.43	0.07	93
	R14-007	WH14103098	626684	7113249	8	Rock	Rob Thomas	comp sample of altered shales from talus slope, in fault zone. Vuggy texture, porous, weakly silicified, minor orange to brown oxide.	N831731	0.005	0.08	204	0.28	27.6	0.42	0.93	115
	R14-007	WH14103098	626799	7113284	8	Rock	Nikolett Kovacs	Green weathering, medium grained, crystalline limestone, green fresh surfaced, dissaminated pyrite in matrix, strongly calcareous, vuggy and porous.	N831798	0.005	0.12	111.5	1.56	17.7	0.58	0.23	58
	R14-007	WH14103098	626677	7113245	8	Rock	Rob Thomas	silicified limestone with vuggy texture, highly porous regions, and minor oxide filling vugs.	N831732	0.005	0.04	14.1	0.04	13.2	0.36	0.17	45
	R14-007	WH14103098	626683	7113248	8	Rock	Rob Thomas	highly altered brown shale, recessively weather horizon, highly porous, with limonitic alteration, also hydrothermal collapse breccia locally and black metallic mineral occurring throughout.	N831733	0.005	0.14	167	0.83	17.2	0.54	1.35	106
	R14-007	WH14103098	626763	7113324	8	Rock	Nikolett Kovacs	Brown weathering, strongly silicified limestone, vuggy, brecciated, non-calc.	N831799	0.005	0.01	13.9	0.2	12.4	0.06	0.01	2
	R14-007	WH14103098	626672	7113256	8	Rock	Rob Thomas	decarb limestone breccia, highly porous, orange in colour, minor quartz present.	N831734	0.005	0.08	2120	0.74	18.9	1.82	1.08	74
	R14-007	WH14103098	626719	7113382	8	Rock	Nikolett Kovacs	Orange weathering, boxwork silicified limestone with crystalline matrix, limonitic altered.	N831800	0.005	0.01	17.5	0.26	4	0.16	0.05	16
	R14-007	WH14103098	626665	7113282	8	Rock	Rob Thomas	altered shale, dark grey to brown, vuggy texture, with porous regions, minor calcite veining spatially associated with disseminated pyrite.	N831735	0.005	0.08	17.2	0.14	15.8	0.57	0.24	147
	R14-007	WH14103098	626660	7113324	8	Rock	Rob Thomas	vuggy silicified dark grey to grey shale, minorly porous in regions.	N831736	0.005	0.07	4.7	0.05	12.5	0.28	0.23	98
	R14-007	WH14103098	626678	7113410	8	Rock	Nikolett Kovacs	Orange yellow weathering ,limonitic altered, vuggy, slightly dolomitized matrix limestone.	Q011101	0.005	0.01	41.7	0.12	6.6	0.13	0.01	22
	R14-007	WH14103098	626624	7113462	8	Rock	Nikolett Kovacs	Orange weathered, limonitic altered limestone? Dolomitic matrix, with vugs that are strongly calcareous.	Q011102	0.005	0.01	12.6	0.22	10.6	0.65	0.01	14

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
	R14-007	WH14103098	626438	7113557	8	Rock	Rob Thomas	brown to red siltstone with calcareous layers, quartz veining present. Vuggy texture.	N831737	0.005	0.04	141.5	0.21	9.2	0.75	0.24	36
	R14-007	WH14103098	626615	7113474	8	Rock	Nikolett Kovacs	Green coloured, brecciated, slightly limonitic altered, calcareous siltstone with minor pyrite in matrix.	Q011103	0.005	0.01	7.2	0.05	7	0.16	0.03	55
	R14-007	WH14103098	626454	7113640	8	Rock	Rob Thomas	orange to brown breccia, matrix is calcareuos, clasts are brown siltstone and dolomite, minor quartz veining present.	N831738	0.005	0.05	8.1	0.06	8.5	0.22	0.12	50
	R14-007	WH14103098	626586	7113599	8	Rock	Nikolett Kovacs	Brown to orange weathering, brecciated limestone, strongly altered and weathered with vuggy and spongy texture.	Q011104	0.005	0.02	9.6	0.1	3.4	0.21	0.06	16
	R14-007	WH14103098	626573	7113608	8	Rock	Nikolett Kovacs	Green weathering, porous, locally calcareous, strongly altered limestone with green hue on fresh surface.	Q011105	0.005	0.12	22600	82	10.3	3.42	4.24	43
	R14-007	WH14103098	626421	7113674	8	Rock	Rob Thomas	brown to brecciated siltstone. Highly silicified, boxwork texture. Prevelent crystalline dolostone.	N831739	0.005	0.03	7.2	0.04	7.8	0.18	0.11	50
	R14-007	WH14103098	625931	7112598	8	Rock	Rob Thomas	weakly silicified limestone, calcite veinlets, porous, areo bar texture.	N831740	0.005	0.03	1	0.02	3.5	0.17	0.03	9
	R14-007	WH14103098	625842	7112825	8	Rock	Nikolett Kovacs	Black coloured, slightly silicified, calcareous siltstone ?, with small calcite veinlets, green to brown alteration in the matrix, small oxidized veinlets througout the matrix.	Q011106	0.005	0.74	133.5	0.87	5.1	8.21	0.54	389
	R14-007	WH14103098	625845	7112838	8	Rock	Nikolett Kovacs	Brownish purple weathering shale, strongly altered, limonitic altered spongy textured, porous, non-calcareous, greenish fresh surfaced.	Q011107	0.005	0.19	158.5	0.78	46.9	1.95	0.37	253
	R14-007	WH14103098	625786	7112779	8	Rock	Nikolett Kovacs	Black coloured, rusty, strongly oxidized, crumbly shale, vuggy and porous on fresh surface, limonitic altered.	Q011108	0.03	16.6	528	1.37	23	285	4.86	11600
	R14-007	WH14103098	625786	7112779	8	Rock	Nikolett Kovacs	Black coloured, rusty, strongly oxidized, crumbly shale, vuggy and porous on fresh surface, limonitic altered.	Q011109	0.03	28.9	353	1.68	48.4	275	7.07	11700
	R14-007	WH14103098	625781	7112770	8	Rock	Nikolett Kovacs	Black coloured shale, slightly quartz veined, brownish purple weathered, oxidized on weathering surface.	Q011110	0.005	3.56	53.5	0.6	9.1	20.1	0.81	571
	R14-007	WH14103098	625519	7112851	8	Rock	Rob Thomas	brown to orange sandy limestone, with calcite veinlets.	N831741	0.005	0.07	8.7	0.06	15.8	0.44	0.3	43
	R14-007	WH14103098	625748	7113091	8	Rock	Nikolett Kovacs	Light brown to beige weathering, light grey fresh surfaced limestone, platy , laminated. Locally outcrop has a white calcareous weathering, where the matrix is black sooty, slightly brecciated.	Q011111	0.005	0.16	18	0.15	2.5	1.64	0.08	103
	R14-007	WH14103098	625751	7113124	8	Rock	Nikolett Kovacs	Brown weathering, hematitic, brecciated, strongly altered limestone with orange red oxidized matrix, strongly calcareous, spongy textured, green fresh coloured.	Q011112	0.005	0.03	10.7	0.17	5.1	0.31	0.33	16
	R14-007	WH14103098	625689	7113160	8	Rock	Nikolett Kovacs	Grey coloured limestone with ,local white weathering, strongly altered with oxide staining, hematitic in matrix with strong purple -red hematitic soil around the sample. Matrix is black to brownish weathered in spots.	Q011113	0.005	0.02	14.3	0.17	14.5	0.25	0.49	211
	R14-007	WH14103098	625691	7113160	8	Rock	Nikolett Kovacs	Strongly altered, non-calcareous, spongy and vuggy textured, brownish purple weathering limestone.	Q011114	0.005	0.05	108.5	2.14	102	1.56	1.95	5030
	R14-007	WH14103098	625702	7113154	8	Rock	Nikolett Kovacs	Strongly altered, grey fresh coloured, crystalline limestone with strong hematitic alteration. Spongy, vuggy texture. Surface is strongly oxidized and calcareous. Hematitic soil around sample.	Q011115	0.005	0.01	7.1	0.21	33.9	0.16	0.64	318
	R14-007	WH14103098	625928	7113230	8	Rock	Rob Thomas	grey to green siltstone, altered appearance, vuggy porous regions.	N831742	0.005	0.07	3	0.03	11.4	0.3	0.24	107
	R14-007	WH14103098	626035	7113326	8	Rock	Rob Thomas	orange to brown sandy limestone, calcite veinlets throughout, heavy.	N831743	0.005	0.04	8.1	0.04	10.7	0.49	0.2	35
	R14-007	WH14103098	626038	7113324	8	Rock	Rob Thomas	hydrothermal dolomite, milky white in colour, minor sandy red oxide within. Also greenish oxide filling fractures and on crystal faces. Associated with small scale fault ~2m displacement.	N831744	0.005	0.03	2.2	0.01	4.6	0.17	0.08	20
Pyramid-W	R14-007	WH14103098	600627	7118367	8	Rock	Rob Thomas	brown to grey glacial till, minor oxidized clasts, all material has been transported.	N831745	0.005	0.08	9.2	0.07	18	0.59	0.47	124
Amon	R14-008	WH14104125	627996	7112836	8	Rock	Harrison Pokrandt	highly oxidized, dark red, brown and vuggy, protolith unknown	Q011116	0.005	0.08	54.3	0.16	18.3	0.29	0.4	75
Amon	R14-008	WH14104125	627996	7112836	8	Rock	Harrison Pokrandt	hydrothermal dolomite with limonite/ oxidized and veggy edges	Q011117	0.005	0.02	113	0.84	4.9	0.09	0.56	33
Amon	R14-008	WH14104125	627996	7112836	8	Rock	Harrison Pokrandt	highly oxidized and thin bedded shale. Limonite on fractured surfaces	Q011118	0.005	0.07	36.2	0.11	12.8	0.52	0.45	176
Amon	R14-008	WH14104125	627996	7112836	8	Rock	Harrison Pokrandt	porous, hematite and limonite stained, highly altered hydrothermal dolomite (?)	Q011119	0.005	0.03	82.1	0.23	14.6	0.71	0.44	50
Amon	R14-008	WH14104125	627996	7112836	8	Rock	Harrison Pokrandt	porous, hematite and limonite stained, highly altered hydrothermal dolomite (?)	Q011120	0.005	0.05	172.5	1.06	16	0.57	1.24	70
Amon	R14-008	WH14104125	627996	7112836	8	Rock	Harrison Pokrandt	7 piece composite sample of hydrothermal dolomite with oxidized outer surfaces and limonite stained fractures	Q011121	0.01	0.01	251	4.18	4.6	0.15	0.85	59
Amon	R14-008	WH14104125	627996	7112836	8	Rock	Harrison Pokrandt	5 piece composite sample of altered, limonite stained shale	Q011122	0.005	0.07	63	0.29	13.5	0.4	1.58	137
Amon	R14-008	WH14104125	627996	7112836	8	Rock	Harrison Pokrandt	highly altered and vuggy hydrothermal dolomite (?) limonite in vugs	Q011123	0.01	0.02	208	1.07	5.8	0.18	0.97	44
Amon	R14-008	WH14104125	627996	7112836	8	Rock	Harrison Pokrandt	dark brown, local and mineral soil	Q011137	0.06	0.09	587	9.02	21.9	0.51	3.63	156
	R14-008	WH14104125	625860	7112150	8	Rock	Nikolett Kovacs	Brownish green weathering, coarse grained siltstone, non-calcareous, green fresh coloured, medium grained quartz grains in matrix.	Q011124	0.005	0.76	21.9	0.19	17.3	5.61	0.5	47
	R14-008	WH14104125	626538	7111951	8	Rock	Nikolett Kovacs	Black coloured, very fine grained, silicified limestone with slightly calcareous fractured surface	Q011125	0.005	0.22	3	0.05	2.5	1.3	0.23	134
	R14-008	WH14104125	626618	7111934	8	Rock	Nikolett Kovacs	Black coloured, calcite veined, brecciated limestone with spongy texture.	Q011126	0.005	0.2	5.6	0.08	1.5	1.21	0.28	153
	R14-008	WH14104125	626626	7111970	8	Rock	Nikolett Kovacs	Brown weathering, brecciated limestone with oxidized matrix, locally black sooty spots.	Q011127	0.005	0.05	2.2	0.02	0.7	0.56	0.08	79

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
	R14-008	WH14104125	626611	7111986	8	Rock	Nikolett Kovacs	Brown-green purple weathering, light grey fresh surfaced, fossiliferous limestone with strongly calcareous matrix, oxidized in spots.	Q011128	0.005	0.22	5.8	0.05	2.2	1.92	0.99	64
	R14-008	WH14104125	626593	7111971	8	Rock	Nikolett Kovacs	Black coloured, strongly silicifed linmestone with grey coloured clay soil around the outcrop.	Q011129	0.005	0.1	3.5	0.05	1.7	1.77	0.34	54
	R14-008	WH14104125	626729	7112063	8	Rock	Nikolett Kovacs	Black coloured shale with rusty-green-purple weathering, sometimes vuggy matrix, non-calcareous.	Q011130	0.005	0.26	7.6	0.09	3.2	6.69	1.29	65
	R14-008	WH14104125	626809	7112141	8	Rock	Nikolett Kovacs	Grey coloured limestone with black chert bands, dark green brownish matrix, and spongy spots that are slightly calcareous.	Q011131	0.005	0.08	2.7	0.02	1.2	0.65	0.38	38
	R14-008	WH14104125	626798	7112160	8	Rock	Nikolett Kovacs	Black weathering limestone with smal calcite veinlets , local rusty spots and sooty black spots.	Q011132	0.005	0.05	3.5	0.02	0.8	0.48	0.41	49
	R14-008	WH14104125	626826	7112163	8	Rock	Nikolett Kovacs	Dark black coloured, fine grained, brown to light brown weathering, non-calc, vuggy limestone, with strong white staining on the weathering surface.	Q011133	0.005	0.13	2.9	0.03	1	0.7	2.01	41
	R14-008	WH14104125	626873	7112217	8	Rock	Nikolett Kovacs	Hematitic altered,fine grained, light grey fresh coloured, crumbly limestine with hematitic soil around the outcrop	Q011134	0.005	0.12	2.4	0.04	0.9	0.6	0.32	10
	R14-008	WH14104125	626934	7112270	8	Rock	Nikolett Kovacs	Brown to light green weathered, very fine grained, non-calcareous, vuggy limestone.	Q011135	0.005	0.02	10.7	0.02	0.8	0.08	0.21	9
	R14-008	WH14104125	626940	7112272	8	Rock	Nikolett Kovacs	Rusty brown weathering, brecciated limestone, silicifed in places green -grey fresh coloured, spongy-sooty blebs in matrix	Q011136	0.005	0.13	6.3	0.06	0.9	1.04	1.56	67
Isis	R14-009	WH14105969	628590	7112327	8	Rock	Nikolett Kovacs	Brown weathering, crystalline, sugary textured dolostone, with oxidized purple weathering	Q011138	0.005	0.01	44.6	0.15	5.4	0.12	0.31	81
Isis	R14-009	WH14105969	628589	7112338	8	Rock	Nikolett Kovacs	Brecciated zebra textured dolostone with quartz filled vugs	Q011139	0.01	0.01	113.5	0.3	9	0.21	1.66	151
Isis-IsisEast	R14-009	WH14105969	629444	7111789	8	Rock	Nikolett Kovacs	Grey weathering limestone, slightly brown altered, strongly calcite veined, and intebedded with calcareous siltstone.	Q011140	0.01	0.07	7.9	0.07	5.3	0.23	0.21	12
Isis-IsisEast	R14-009	WH14105969	629445	7111801	8	Rock	Nikolett Kovacs	Brownish weathering, zebra textured dolostone, large calcite veins across matrix.	Q011141	0.02	0.02	662	0.98	4.8	12.6	2.11	4
Isis-IsisEast	R14-009	WH14105969	629459	7111801	8	Rock	Nikolett Kovacs	Brownish weathering, brecciated, zebra textured dolostone with green hue on weathered surface.	Q011142	0.005	0.01	97.1	1.09	3.1	2.32	2.85	4
Isis-IsisEast	R14-009	WH14105969	629477	7111792	8	Rock	Nikolett Kovacs	Brown weathered, light fresh surfaced crystalline, fine grained dolostone with small black calcite veinlets.	Q011143	0.005	0.06	111.5	0.94	7.5	0.75	0.42	16
Isis-IsisEast	R14-009	WH14105969	629470	7111817	8	Rock	Nikolett Kovacs	Brownish weathered, vuggy, decarbed limestone, porous texture.	Q011144	0.02	0.1	104.5	0.2	5.4	0.53	1.38	6
Isis-IsisEast	R14-009	WH14105969	629459	7111805	8	Rock	Nikolett Kovacs	Brownisn pink weathering, grey fresh surfaced, crystalline, dolostone with black calcite veinlets.	Q011145	0.04	0.07	343	1.44	5.3	1.1	2.75	5
Isis-IsisEast	R14-009	WH14105969	629409	7111801	8	Rock	Nikolett Kovacs	Brownish rusty weathered, spongy, decarbed, vuggy limestone with local hematitic blebs.	Q011146	0.03	0.18	775	6.91	43.1	4.99	51.8	502
Isis-IsisEast	R14-009	WH14105969	629405	7111801	8	Rock	Nikolett Kovacs	Green brown weathered, boxwork textured, vuggy, spongy, limestone.	Q011147	0.04	0.06	846	5.67	12	2.21	19.55	11
Isis-IsisEast	R14-009	WH14105969	629406	7111801	8	Rock	Nikolett Kovacs	Brownish weathering, strongly altered, vuggy, porous limestone with large calcite veinlets, and brecciated matrix.	Q011148	0.01	0.04	386	2.27	5.1	0.58	5.85	5
Isis-IsisEast	R14-009	WH14105969	629394	7111817	8	Rock	Nikolett Kovacs	Limonitic, spongy, vuggy limestone, locally purple weathered.	Q011149	0.05	0.64	1730	9.78	512	14.6	11.4	2570
Isis-IsisEast	R14-009	WH14105969	629384	7111800	8	Rock	Nikolett Kovacs	Brown to orange weathered, porous, calcareous,strongly altered limestone, calcite veined on fractured surface.	Q011150	0.12	0.09	1725	5.73	24.5	16	17.65	54
Isis-IsisEast	R14-009	WH14105969	629367	7111793	8	Rock	Nikolett Kovacs	Brown orange weathering, limonite, vuggy, porous, boxwork textured.	Q010651	0.15	0.1	1700	4.11	16.9	8.26	45.1	29
Isis-IsisEast	R14-009	WH14105969	629351	7111790	8	Rock	Nikolett Kovacs	Brown coloured, decarbed, limestone , matrix is completely altered, vuggy and porous with black sooty spots, vugs are calcareous.	Q010652	0.03	0.05	372	6.08	9.4	13.6	7.79	24
Isis-IsisEast	R14-009	WH14105969	629364	7111790	8	Rock	Nikolett Kovacs	Brecciated sandy carbonate strongly calcareous, brownish matrix.	Q010653	0.01	0.03	219	2.86	3	0.95	3.22	8
Isis-IsisEast	R14-009	WH14105969	629454	7111698	8	Rock	Nikolett Kovacs	Brownish weathering, quartz veined, orange coloured, crystalline dolostone with debrite horizons, small black calcite veinlets in matrix, yellow orange weathered, locally hematitic spots.	Q010654	0.005	0.03	8.6	0.09	1	0.21	0.24	22
Isis-IsisEast	R14-009	WH14105969	629464	7111685	8	Rock	Nikolett Kovacs	Brown to limonitic weathering, vuggy, porous, brecciated dolostone, vugs are strongly calcareous, small bladed calcite crystals in matrix.	Q010655	0.14	0.13	2030	5.59	14.5	5.67	58	109
Isis-IsisEast	R14-009	WH14105969	629451	7111688	8	Rock	Nikolett Kovacs	Boxwork textured, strongly calcareous, green-brown weathered, vuggy limestone.	Q010656	0.04	0.05	524	1.8	5.1	0.76	13.1	26
Isis-IsisEast	R14-009	WH14105969	629397	7111693	8	Rock	Nikolett Kovacs	Brownish weathering, beige grey fresh surfaced, crystalline limestone, calcite in matrix as veinlets.	Q010657	0.005	0.02	31.7	0.1	1.2	0.19	0.91	6
Isis-IsisEast	R14-009	WH14105969	629433	7111733	8	Rock	Nikolett Kovacs	Orange to red weathering, crystalline limestone, matrix is grey green. Very fine grained.	Q010658	0.005	0.03	3.7	0.07	0.5	0.09	0.15	15
Isis-IsisEast	R14-009	WH14105969	629454	7111689	8	Rock	Nikolett Kovacs	Grey green weathering, strongly calcite veined, vuggy and porous limestone wirh oxidized matrix, green-yellow weathering.	Q010659	0.36	0.11	243	9.81	5.5	2.98	5.6	24
Isis-IsisEast	R14-009	WH14105969	629481	7111666	8	Rock	Nikolett Kovacs	Boxwork textured, green-grey coloured, decarbed limestone, strongly calcite veined, vuggy.	Q010660	0.01	0.03	297	0.52	4.2	0.37	3.33	37
Isis-IsisEast	R14-009	WH14105969	629491	7111671	8	Rock	Nikolett Kovacs	Light brown to grey weathering, crystalline limestone, brecciated.	Q010661	0.005	0.01	27.9	0.23	2.5	0.25	0.18	17
Isis-IsisEast	R14-009	WH14105969	629645	7111689	8	Rock	Nikolett Kovacs	Grey coloured crystalline limestone, at the contact between limestone and dolostone. Light brown weathering surface, fine grained, fine grained pyrite in matrix.	Q010662	0.005	0.05	25.4	0.08	7.4	0.22	0.21	20
Isis-IsisEast	R14-009	WH14105969	629645	7111697	8	Rock	Nikolett Kovacs	Grey coloured crystalline limestone, fine grained, dissaminated pyrite in matrix.	Q010663	0.01	0.14	171	0.47	29	0.84	0.59	46
Isis-IsisEast	R14-009	WH14105969	629605	7111727	8	Rock	Nikolett Kovacs	Brownish, platy weathered limestone with crystalline sugary texture, brownish spots in matrix, brownish fresh surface, 5-7 cm thick calcite veined.	Q010664	0.02	0.19	228	0.61	37.8	1.14	0.72	57

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Isis-IsisEast	R14-009	WH14105969	629612	7111650	8	Rock	Nikolett Kovacs	Brecciated with calcite veinlets, limonitic, vuggy, calcareoius limestone, grey-brown weathered.	Q010665	**0.01**	0.1	176.5	0.71	3.5	0.45	1.9	44
Isis-IsisEast	R14-009	WH14105969	629615	7111646	8	Rock	Nikolett Kovacs	Brown weathering limestone with limonitic spots in matrix, grey fresh surfaced, fine grained, crystalline, slightly silicified.	Q010666	**0.005**	0.02	0.1	0.02	1.7	0.07	0.04	14
Isis-IsisEast	R14-009	WH14105969	629644	7111608	8	Rock	Nikolett Kovacs	Brownish weathering, strongly limonitic limestone with grey calcite rich fresh surface, porous on weathered surface.	Q010667	**0.005**	0.04	0.1	0.02	11.2	0.27	0.27	84
Isis-IsisEast	R14-009	WH14105969	629745	7111642	8	Rock	Nikolett Kovacs	Grey coloured, grey weathered, fine grained limestone with dissaminated pyrite in matrix.	Q010668	**0.005**	0.02	0.1	0.03	2.7	0.13	0.05	6
Isis-IsisEast	R14-009	WH14105969	629697	7111690	8	Rock	Nikolett Kovacs	Grey coloured, grey crystalline limestone, very fine grained pyrite ?	Q010669	**0.01**	0.06	0.1	0.04	2.5	0.15	0.04	7
Isis-IsisEast	R14-009	WH14105969	629769	7111599	8	Rock	Nikolett Kovacs	Brown to tan weathering, grey fresh surface, small calcite veinled limestone, sandy matrix.	Q010670	**0.005**	0.01	0.1	0.01	3.4	0.12	0.05	23
Isis-IsisEast	R14-009	WH14105969	629800	7111586	8	Rock	Nikolett Kovacs	Brown rusty weathered debrite with limonitic matrix and spongy spots.	Q010671	**0.005**	0.02	0.1	0.01	2.3	0.09	0.08	20
Isis-IsisEast	R14-009	WH14105969	629797	7111595	8	Rock	Nikolett Kovacs	Brown weathering crystalline dolostone with brown calcite veinlets.	Q010672	**0.005**	0.01	0.1	0.01	2.8	0.24	0.09	13
Isis-IsisEast	R14-009	WH14105969	629903	7111610	8	Rock	Nikolett Kovacs	Grey coloured, fine grained limestone with small black calcite veinlets and very fine grained pyrite.	Q010673	**0.005**	0.01	0.1	0.04	1.8	0.1	0.02	3
Isis-IsisEast	R14-009	WH14105969	629936	7111635	8	Rock	Nikolett Kovacs	Grey coloured, fine grained limestone with few calcite veinlets.	Q010674	**0.01**	0.01	55.1	0.15	3.5	0.21	0.06	9
Isis-IsisEast	R14-010	WH14110345	629905	7111570	8	Rock	Nikolett Kovacs	Grey weathering limestone with rusty spots in the matrix, local purple weathered.	Q010675	**0.01**	0.07	91.1	0.12	9.1	0.38	0.12	6
Isis-IsisEast	R14-010	WH14110345	629994	7111583	8	Rock	Nikolett Kovacs	Grey fresh coloured, red to yellow weathered limestone with crystalline matrix and slightly brecciated with calcite veinlets.	Q010676	**0.01**	0.04	78	1.25	3	0.48	0.2	6
Isis-IsisEast	R14-010	WH14110345	629467	7111689	8	Rock	Nikolett Kovacs	Brown grey weathered, very fine grained, black calcite veined limestone with fine graine pyrite in matrix.	Q010677	**0.01**	0.03	9.4	0.12	21.9	0.16	0.09	113
Isis-IsisEast	R14-010	WH14110345	629458	7111696	8	Rock	Nikolett Kovacs	Grey weathered, boxwork textured, porous, rusty matrix, vuggy limestone.	Q010678	**0.04**	0.12	158.5	2.61	5.6	0.37	2.93	41
Isis-IsisEast	R14-010	WH14110345	629457	7111692	8	Rock	Nikolett Kovacs	Decarbed, green weathered, porous and vuggy rusty yellow matrix limestone.	Q010679	**1.81**	0.25	738	11.2	21.9	4.57	15.25	132
Isis-IsisEast	R14-010	WH14110345	629447	7111773	8	Rock	Nikolett Kovacs	Orange pink weathered, fine grained, grey fresh coloured dolostone.	Q010680	**0.01**	0.01	32	0.1	3	0.16	0.18	11
Isis-IsisEast	R14-010	WH14110345	629469	7111793	8	Rock	Nikolett Kovacs	Orange reddish weathered, vuggy an porous dolostone, decarbed matrix.	Q010681	**0.05**	0.13	521	1.87	6.5	0.95	10.55	27
Isis-SW	R14-010	WH14110345	629056	7111802	8	Rock	Nikolett Kovacs	Brown pink weathered, strongly calcite veined, grey fresh surfaced, calcite brecciated dolostone.	Q010682	**0.005**	0.01	12.5	0.01	1	0.06	0.05	5
Isis-SW	R14-010	WH14110345	629071	7111805	8	Rock	Nikolett Kovacs	Grey coloured, coarse grained, brecciated, carbonate matrix, with small rounded fragments of limestone and siliciclastics.	Q010683	**0.39**	0.01	289	3.15	2.2	0.1	3.73	15
Isis-SW	R14-010	WH14110345	629070	7111809	8	Rock	Nikolett Kovacs	Brown grey weathered, very fine grained limestone, grey fresh surfaced, well-bedded, laminated.	Q010684	**0.005**	0.02	6.6	0.13	4.8	0.2	0.47	21
Isis-SW	R14-010	WH14110345	629071	7111776	8	Rock	Nikolett Kovacs	Brown to light brown weathered, fine grained dolostone in subcrop, grey fresh surfaced.	Q010685	**0.04**	0.03	72.7	0.82	2.9	0.1	0.47	3
Isis-SW	R14-010	WH14110345	629070	7111784	8	Rock	Nikolett Kovacs	Grey brown weathered, fine-medium grained dolostone with green staining and some vugs in matrix with local black sooty spots.	Q010686	**0.02**	0.02	560	12.5	1.7	0.1	10.25	4
Isis-SW	R14-010	WH14110345	629071	7111799	8	Rock	Nikolett Kovacs	Brown-beige weathered, crystalline limestone, slightly brecciated and it has a slight brown and green hue in matrix. Realgar crystals in matrix with large subangular dolomite crystals.	Q010687	**2.46**	0.05	825	17.3	6.6	0.23	27.8	32
Isis-SW	R14-010	WH14110345	629074	7111787	8	Rock	Nikolett Kovacs	Brownihs weathered, strongly calcite veined, green-black-brown fresh surfaced, black seems in matrix with dolomite veinlets. Realgar crystals in matrix.	Q010688	**0.24**	0.03	325	6.64	6.8	0.22	10.6	5
Isis-SW	R14-010	WH14110345	629065	7111833	8	Rock	Nikolett Kovacs	Brownish to grey weathered, strongly calcite veined, green-black-brown fresh surfaced with rusty green spots. White clay on the fresh surfaced.	Q010689	**0.01**	0.03	13.8	0.16	3.3	0.18	0.25	25
Isis-SW	R14-010	WH14110345	629016	7111799	8	Rock	Nikolett Kovacs	Brown weathered limestone, brecciated matrix, calcite veined, black-brown spots in matrix with rusty irregular seems.	Q010690	**0.12**	0.02	231	1.58	1.7	0.14	1.5	3
Isis-SW	R14-010	WH14110345	628971	7111788	8	Rock	Nikolett Kovacs	Light brown to beige weathered, brecciated limestone, with black carbonaceous spots that are non-calcareous; matrix is vuggy and it has large calcite crystals in black carbonaceous spots, locally matrix is green hued.	Q010691	**0.02**	0.02	131	0.31	3	0.14	0.75	5
Isis-SW	R14-010	WH14110345	628980	7111765	8	Rock	Nikolett Kovacs	Brown weathered, slightly brecciated, grey crystalline, fine grained, dolomitic limestone with white powdery stain on fresh surface (clay ?) and small black sooty spots in matrix.	Q010692	**0.01**	0.02	115.5	0.82	1.8	0.2	0.57	31
Isis-SW	R14-010	WH14110345	628958	7111703	8	Rock	Nikolett Kovacs	Brown to tan weathered, fine grained, light brown fresh surfaced dolostone with white, possible clay alteration on fresh surface.	Q010693	**0.005**	0.01	7.8	0.07	1.2	0.12	0.1	2
Isis-SW	R14-010	WH14110345	629007	7111751	8	Rock	Nikolett Kovacs	Olive green weathered, brecciated, fine grained dolostone with brown black sooty spots and vuggy texture.	Q010694	**0.12**	0.13	1755	5.93	10.1	1.05	6.64	24
Isis-SW	R14-010	WH14110345	629014	7111762	8	Rock	Nikolett Kovacs	Olive green weathering, fine grained, vuggy dolostone with brown black spots in matrix.	Q010695	**0.11**	0.09	1560	6.13	8.7	0.95	3.83	25
Isis-SW	R14-010	WH14110345	629478	7112026	8	Rock	Nikolett Kovacs	Brown weathered, boxwork silicified, strongly altered, float sample with green fresh surface.	Q010696	**22**	5.14	25100	55.6	73.4	119.5	35.3	112
Isis-SW	R14-010	WH14110345	629429	7112035	8	Rock	Nikolett Kovacs	Green weatheredm olive green fresh surfaced, vuggy, silicified dolostone, non-calcareous.	Q010697	**2.51**	0.47	5610	7.8	9.7	6.45	13.9	14
Isis-SW	R14-010	WH14110345	629593	7111872	8	Rock	Nikolett Kovacs	Brown weathered dolostone, very fine grained, malachite veinlets on weathered surface, and malachite staining on the fresh surface, small dendritic manganese ? On fresh surface.	Q010698	**0.02**	0.15	56.2	0.09	35.7	0.58	0.21	35
Isis-SW	R14-010	WH14110345	629070	7111793	8	Rock	Nikolett Kovacs	Brown weathered, laminated and well-bedded, limestone, grey fresh surfaced, green hue on weathered surface, small realgar crystals in matrix, 1-2 cm thick calcite veinlets.	Q010699	**3.15**	0.05	790	15	6.4	0.25	13.35	21

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
Isis-SW	R14-010	WH14110345	629073	7111787	8	Rock	Nikolett Kovacs	Green coloured, almost completely olive green, fine grained limestone with black brown sooty spots and realgar in matrix.	Q010700	**1.3**	0.09	4740	50.5	11.7	0.4	147	43
Isis-SW	R14-010	WH14110345	629074	7111786	8	Rock	Nikolett Kovacs	Green coloured, almost completely olive green, fine grained limestone with black brown sooty spots and realgar in matrix.	Q011201	**0.51**	0.09	6540	37	13.9	0.35	87.3	29
Isis-SW	R14-010	WH14110345	629066	7111783	8	Rock	Nikolett Kovacs	Green weathered, green fresh surfaced limestone with small realgar crystals in matrix, and yellow staining on fresh surface.	Q011202	**0.06**	0.03	2930	60.6	5.6	0.59	58	7
Isis-SW	R14-010	WH14110345	629017	7111765	8	Rock	Nikolett Kovacs	White brown weathered, olive green coloured, fine grained dolostone with black carbonaceous spots in matrix.	Q011203	**0.05**	0.05	1055	4.46	8.6	0.45	4.99	22
Isis-SW	R14-010	WH14110345	629010	7111773	8	Rock	Nikolett Kovacs	Brown to light brown green weathering, fine grained limestone, with fine grained powdery white-green stain on fresh surface.	Q011204	**0.06**	0.08	1135	8.83	8.7	0.89	7.07	69
Isis-SW	R14-010	WH14110345	628942	7111841	8	Rock	Nikolett Kovacs	Dark brown green weathered, fine grained, grey-green fresh surfaced dolostone with small cubic pyrite weathering out on weathered surface.	Q011205	**0.01**	0.02	82	0.67	3.3	0.39	1.48	120
Isis-SW	R14-010	WH14110345	628749	7111840	8	Rock	Nikolett Kovacs	Brownish green weathering, fine grained, green-grey fresh surfaced limestone, sooty spots in matrix with local purple staining.	Q011206	**0.005**	0.05	6.4	0.05	4	0.12	0.25	9
Osiris	R14-011	WH14110038	629230	7112193	8	Rock	Nikolett Kovacs	Interbedded silty limestone with debrite, green to black weathering limestone with black, powdery, sooty matrix and fine grained pyrite.	Q011207	**0.005**	0.05	40.9	1.15	24	0.62	2.54	6
Osiris	R14-011	WH14110038	629223	7112191	8	Rock	Nikolett Kovacs	Brown orange weathering, fine medium grained, quartz veined sandstone with slightly calcareous matrix, locally sooty black spots on fresh surface.	Q011208	**0.005**	0.08	128.5	1.13	12.3	0.9	1.12	8
Osiris	R14-011	WH14110038	629225	7112215	8	Rock	Nikolett Kovacs	Green black weathered, sooty black matrix limestone with small calcite veinlets.	Q011209	**0.005**	0.04	42.2	0.1	12.3	0.23	0.6	87
Osiris	R14-011	WH14110038	629226	7112213	8	Rock	Nikolett Kovacs	Orange brown weathered, slightly dolomitic limestone with calcite veinlets and light grey fresh surface.	Q011210	**0.01**	0.11	667	4.16	12.7	2.51	8.39	12
Osiris	R14-011	WH14110038	629200	7112172	8	Rock	Nikolett Kovacs	Brownish weathering, dark grey fresh surfaced, black green sooty matrix, crystalline limestone.	Q011211	**0.005**	0.02	28.3	1.15	1.8	0.18	0.38	3
Osiris	R14-011	WH14110038	629146	7112144	8	Rock	Nikolett Kovacs	Brown limonitic weathered, brecciated, grey dark coloured, crystalline limestone with limonitic spots, sooty green blebs in matrix and small calcite veinlets.	Q011212	**0.005**	0.03	248	0.47	2.8	1.54	4.25	4
Osiris	R14-011	WH14110038	629091	7112197	8	Rock	Nikolett Kovacs	Brown weathered, sooty limestone, green fresh surfaced, cyrtalline textured.	Q011213	**0.005**	0.04	0.8	0.03	6.2	0.18	0.26	13
Osiris	R14-011	WH14110038	629075	7112207	8	Rock	Nikolett Kovacs	Green brown weathered, sandy limestone with black sooty spots, fine grained pyrite in matrix, calcite veined with black green spots.	Q011214	**0.005**	0.03	0.1	0.01	8.8	0.07	0.14	38
Osiris	R14-011	WH14110038	629154	7112227	8	Rock	Nikolett Kovacs	Brown to limonitic altered, sndy, brecciated limestone, limonitic matrix.	Q011215	**0.005**	0.05	107	0.36	4.3	0.33	1.2	10
Amon	R14-012	WH14113439	627740	7113000	8	Rock	Harrison Pokrandt	maroon mudstone with vuggy calcite vein	Q011231	**0.005**	0.03	85.8	0.33	8.5	0.35	0.28	208
Amon	R14-012	WH14113439	627740	7113000	8	Rock	Harrison Pokrandt	hydrothermal crystalinedolomite with oxydized pits	Q011232	**0.005**	0.02	243	0.56	6.6	0.1	0.44	134
Amon	R14-012	WH14113439	627740	7113000	8	Rock	Harrison Pokrandt	blue mudstone	Q011233	**0.005**	0.06	24.6	0.09	10.2	0.31	0.54	207
Amon	R14-012	WH14113439	627740	7113000	8	Rock	Harrison Pokrandt	crystaline dolomite with calcite stringers	Q011234	**0.005**	0.02	197.5	0.68	6.8	0.09	0.45	176
Amon	R14-012	WH14113439	627790	7113050	8	Rock	Harrison Pokrandt	limonitic, vuggy breccia with trace disseminated pyrite	Q011235	**0.005**	0.04	32.7	0.05	10.7	0.42	0.39	99
Amon	R14-012	WH14113439	627790	7113050	8	Rock	Harrison Pokrandt	Heavily oxydized dolomite (?)	Q011236	**0.005**	0.03	13.1	0.1	9	0.43	0.4	78
Amon	R14-012	WH14113439	627790	7113050	8	Rock	Harrison Pokrandt	highly oxydized mudstone	Q011237	**0.01**	0.04	35.4	0.06	10.2	0.34	0.43	150
Amon	R14-012	WH14113439	627790	7113050	8	Rock	Harrison Pokrandt	limonitic vuggy breccia	Q011238	**0.005**	0.04	13.8	0.1	14.9	0.56	0.51	63
G-H	R14-012	WH14113439	573815	7122646	8	Rock	Nikolett Kovacs	Brownish yellow-light brown weathered, locally vuggy decarbed limestone, brecciated with quartz brownish-purple weathered on fresh surface.	Q011216	**0.005**	0.61	144	0.32	9	1.38	1.58	196
G-H	R14-012	WH14113439	573824	7122654	8	Rock	Nikolett Kovacs	Brown rusty weathering, slightly brecciated limestone with rusty spots, and dark grey fresh surface, clay powdery fresh surface.	Q011217	**0.005**	1.08	255	0.27	11.2	2.24	1.76	70
G-H	R14-012	WH14113439	573838	7122651	8	Rock	Nikolett Kovacs	Brown green weathering, crystalline, fine grained limestone with hematitic weathering and staining.	Q011218	**0.005**	0.02	4.8	0.09	1.6	0.27	0.11	8
G-H	R14-012	WH14113439	573822	7122612	8	Rock	Nikolett Kovacs	Hematitc weathered, brecciated, decarbed, non-calc limestone with yellow green matrix and vuggy calcareous spots.	Q011219	**0.005**	0.83	25.2	0.11	6.3	0.61	1.94	20
G-H	R14-012	WH14113439	573824	7122613	8	Rock	Nikolett Kovacs	Hematitc weathered, strongly brecciate, dark grey fresh surfaced limestone with yellow-colouration in matrix, fine grained, where not brecciated.	Q011220	**0.005**	0.8	42.1	0.12	7	0.71	1.44	29
G-H	R14-012	WH14113439	573812	7122607	8	Rock	Nikolett Kovacs	Brecciated, hematitic limestone, beige weathered, medium grained, calcareous sandstone with light green hue on fresh surface.	Q011221	**0.005**	0.34	69.9	0.03	4.1	0.31	1.22	5
G-H	R14-012	WH14113439	573833	7122608	8	Rock	Nikolett Kovacs	Yellow-red weathered, medium grained limestone, strong hematitic alteration on surface, yellow powdery straining on fresh surface; in contact with brecciated limestone.	Q011222	**0.005**	0.1	12.9	0.01	2	0.15	0.16	10
G-H	R14-012	WH14113439	573836	7122566	8	Rock	Nikolett Kovacs	Yellow weathered, dark grey fresh surfaced, fine grained limestone with strong hematitic alteration.	Q011223	**0.005**	0.11	2.5	0.01	1	0.12	0.14	5
G-H	R14-012	WH14113439	573834	7122576	8	Rock	Nikolett Kovacs	Hematitic, slightly brecciated, dark grey limestone with calcite on fractured surface and brown sooty spots in matrix.	Q011224	**0.005**	0.29	9.7	0.02	2.8	0.25	0.34	5
G-H	R14-012	WH14113439	573843	7122641	8	Rock	Nikolett Kovacs	Beige-white weathered, strongly clay altered, boxwork textured limestone, calcareous, powdery pink fresh surface.	Q011225	**0.005**	0.03	14.3	0.22	6.5	0.64	0.9	53
G-H	R14-012	WH14113439	573917	7122664	8	Rock	Nikolett Kovacs	Orange to brown weathering, vugy, decarbed limonite.	Q011226	**0.005**	0.07	808	2.24	122.5	18.7	3.46	273
G-H	R14-012	WH14113439	573991	7122539	8	Rock	Nikolett Kovacs	Brown weathered, brecciated dolostone, vuggy and slightly silicified.	Q011227	**0.005**	0.69	43.8	0.12	7.7	0.93	1.15	27

2014 Rock Sample Descriptions with Key Results

Target	Batch	Certificate	Easting	Northing	Zone	Type	Sampler	Comments	Sample	Au	Ag	As	Hg	Pb	Sb	Tl	Zn
G-H	R14-012	WH14113439	574099	7122408	8	Rock	Nikolett Kovacs	Brown to light beige weathered, strongly decarbed limestone, porous and vuggy in matrix.	Q011228	**0.01**	0.6	589	0.32	11.3	4.38	2.33	211
G-H	R14-012	WH14113439	574194	7122298	8	Rock	Nikolett Kovacs	Brecciated, orange green weathered shale with crumbly weathered and fresh surface.	Q011229	**0.005**	0.79	31.4	0.12	11.5	2.3	1.08	341
G-H	R14-012	WH14113439	574307	7122173	8	Rock	Nikolett Kovacs	Beige brown weathered, black fresh surfaced, crysrtalline limestone.	Q011230	**0.005**	0.31	4.8	0.02	2.9	0.28	0.17	52
Ana	T14-013	WH14115500	618404	7113276	8	Rock	Elizabeth Flavelle	Blue-grey medium grained hangingwall limestone with limonite stringers, locally pervasive limonite, and limonite on fracture surfaces. Blocky with minor calcite veining.	Q017229	**0.005**	0.05	108.5	0.13	4.4	0.5	0.08	68
Anubis	R14-014	WH14116726	617482	7113683	8	Rock	Elizabeth Flavelle	Limonitic altered limestone and limonitic gouge from trench ANTr14-010	Q017354	**0.03**	0.29	522	7.9	53.1	4.15	0.58	908
Anubis	R14-014	WH14116726	617482	7113683	8	Rock	Elizabeth Flavelle	Dark grey, clay-rich horizon above bedrock. End of trench ANTR14-010 at 68 m.	Q017355	**0.07**	1.13	646	7.17	154	15.85	4.65	568
Anubis	R14-014	WH14116726	617482	7113683	8	Rock	Elizabeth Flavelle	Frozen overburden. Sample taken from bottom of pit dug along strike (85 m from origin) of trench ANTR14-010.	Q017356	**0.01**	0.17	62.8	0.29	16.3	1.31	0.86	153
Conrad	R14-014	WH14116726	630325	7112511	8	Rock	Rob Thomas	Composite of hantpit - RWT-Hp-006	N831746	**1.07**	0.05	2790	5.31	20.4	31.8	32.7	29
Conrad	R14-014	WH14116726	630319	7112526	8	Rock	Rob Thomas	Composite of handpit - RWT-Hp-007	N831747	**0.32**	0.14	1040	3.11	16.1	3.55	14.5	58
Conrad	R14-014	WH14116726	630322	7112537	8	Rock	Rob Thomas	Composite of handpit - RWT-Hp-008	N831748	**0.14**	0.03	1620	2.8	14.9	4.14	12.05	73
Conrad	R14-014	WH14116726	630356	7112518	8	Rock	Rob Thomas	Composite of handpit- RWT-Hp-009	N831749	**0.52**	0.05	1220	4.64	17.1	24.9	12.45	12
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 pit, samples taken from strat top to bottom:Altered C-SLC; beneath unaltered C-SLC rubble	Q013954	**0.02**	0.6	1730	4.08	110.5	6.62	7.21	172
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 pit: grab of tan>>grey>light grey bleached, alt'd C-SLC	Q013955	**0.1**	0.09	1180	3.16	22.9	6.76	8.55	39
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 hand pit - grab of rusty brn, very clay-rich alt'd C-SLC and FLT gouge(?)	Q013956	**0.1**	0.13	1470	3.47	26.4	10.65	9.48	89
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 pit: gey-green to tan alt'd C-SLC	Q013957	**0.03**	0.12	1055	2.99	25.8	3.73	7.07	55
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 pit: brecciated rusty blk C-SLC	Q013958	**0.02**	0.12	807	4.62	40	4.03	4.55	95
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 pit: grey intensely alt'd C-SLC	Q013959	**0.01**	0.09	349	2.41	16.7	1.76	8.54	33
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 pit: grey intensely alt'd C-SLC>>tan>grey clay layer with frags of decarb limestone.	Q013960	**0.04**	0.08	340	1.44	25	1.57	4.33	88
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 hand trench, approximately perpendicular to bedding in slumped layered oxide and alt'd C-SLC; samples measured from headwall of pit floor - 1m east of marker picket. 0.00 - 0.70m: brn wx OX with 15cm grey-blk OX at base	Q013961	**0.9**	0.11	3910	7.01	29.4	21.8	25.6	157
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001: 1.10 - 2.40m: grey-green and bluish green clay	Q013962	**0.06**	0.07	1025	3.14	19.6	3.87	5.64	103
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001: 1.10 - 2.40m: grey-green and bluish green clay	Q013962	**0.06**	0.07	1025	3.14	19.6	3.87	5.64	103
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 hand trench: 1.10 - 2.40m: grey-green and bluish green clay	Q013963	**0.03**	0.08	396	1.45	25.4	1.44	4.71	104
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 hand trench: 2.40 - 3.70m: rusty red, grey & oxide layers with cobbles of rext'd LISN and decarb LISN with RG	Q013964	**0.09**	0.08	619	0.9	21.9	1.7	4.54	109
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 hand trench: 3.70 - 4.75m: dk grey to blk OX, ox'd RG at base	Q013965	**7.03**	0.07	11050	16.8	37	59.9	88.1	9
Conrad	R14-016	WH14123922	630316	7112562	8	Rock	Rob Carne	RCC-14-001 hand trench: 4.75 - 6.45m: rusty brn wx C-SCL, highly frx'd but not alt'd	Q013966	**1.4**	0.07	4700	6.63	13.8	59.7	37.2	74
Conrad	R14-016	WH14123922	630305	7112538	8	Rock	Rob Carne	RCC-14-008 hand trench: highly alt'd C-SCL in soliflucted o/c at ~3m depth at head of trench; pit is 2m long, 3m max depth; across 350 fault trace from RC14-216; grab of tan-grey clay at'd C-SCL, rusty patches, 3m depth	Q013967	**0.49**	0.07	878	4.85	17.5	10.85	14.05	93
Conrad	R14-016	WH14123922	630305	7112538	8	Rock	Rob Carne	RCC-14-008 hand pit: grab of float punky, chocolate brn decarb LISN, reticulated QZ veinlets picked from base of OVB and could be sourced up hill	Q013968	**0.03**	0.04	78.2	0.36	6.9	0.88	1.53	51
Conrad	R14-016	WH14123922	630305	7112538	8	Rock	Rob Carne	RCC-14-008 hand pit: highly bleached and clay alt'd C-SCL float at top of soliflucted material.	Q013969	**0.05**	0.07	757	1.57	15.5	4.21	6.96	63
Conrad	R14-016	WH14123922	630305	7112538	8	Rock	Rob Carne	RCC-14-008 hnd pit: grab of yellow brn, bleached, alt'd C-SCL below Q013967.	Q013970	**1**	0.07	1925	11	21	27	15.35	93
Conrad	R14-016	WH14123922	630305	7112538	8	Rock	Rob Carne	RCC-14-008 hand pit: 10cm thick decarb LISN (?) layer; yellow brn, rusty patches; below Q013970.	Q013971	**0.53**	0.13	1580	7.74	18.1	18.4	9.02	102
Conrad	R14-016	WH14123922	630305	7112538	8	Rock	Rob Carne	RCC-14-008 hand pit: grab of grey-green clay at very bottom of pit.	Q013972	**0.18**	0.05	1610	7.1	12.6	7.39	13.15	50
Conrad	R14-014	WH14116726	630316	7112517	8	Rock	Rob Thomas	Composite of handpit - RWT-Hp-010	N831750	**3.68**	0.06	12250	9.61	19	71	22.4	35
Conrad	R14-014	WH14116726	630372	7112515	8	Rock	Rob Thomas	Composite of handpit RWT-Hp-011	Q011151	**0.01**	0.06	245	1.14	18.6	1.59	4.46	28
Conrad	R14-014	WH14116726	630307	7112536	8	Rock	Rob Thomas	Composite of handpit RWT-Hp-012	Q011152	**1.83**	0.04	7150	9.89	12.8	87.6	136.5	50
Conrad	R14-014	WH14116726	630314	7112543	8	Rock	Rob Thomas	Composite of handpit RWT-Hp-013	Q011153	**0.36**	0.1	2570	5.06	22	14.85	20.1	75

APPENDIX V

ROCK SAMPLE - CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

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

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

Finalized Date: 28-SEP-2014
Account: RCM

CERTIFICATE WH14145809

Project: Area G&H

P.O. No.: Area G & H

This report is for 15 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16-SEP-2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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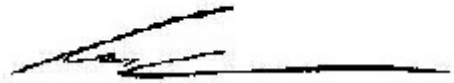
VANCOUVER BC V6B 1L8

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH14145809

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M896191		2.02	0.07	0.22	2.98	220	6050	0.57	0.07	0.04	0.12	51.4	1.2	22	1.47	7.5
M896192		1.05	0.04	0.29	1.31	2.7	1850	0.45	0.06	1.46	0.11	12.20	2.0	43	2.31	9.6
M896193		1.70	0.18	0.36	0.21	2.0	260	0.09	0.02	20.5	0.69	3.67	1.1	16	0.35	4.4
M896194		1.86	0.12	0.09	0.11	1.2	750	0.08	0.01	32.6	0.64	3.28	1.3	12	0.19	3.3
M896196		0.93	0.02	0.17	0.23	4.6	260	0.12	0.02	32.5	0.77	5.63	2.6	7	0.36	4.4
M896197		0.52	0.08	0.27	0.54	6.6	350	0.22	0.03	20.3	0.46	6.92	1.7	12	0.86	6.1
M896198		0.63	0.18	0.01	0.25	2.3	60	0.10	0.03	0.33	0.04	13.50	0.3	19	0.14	2.6
M896199		1.28	0.10	0.07	0.02	0.3	510	0.06	0.01	33.4	0.36	1.35	1.2	8	<0.05	3.1
M896200		1.32	0.01	0.04	0.04	0.3	440	<0.05	0.01	32.1	0.34	1.35	1.2	6	<0.05	3.1
M896371		1.63	0.02	0.06	0.04	0.4	440	<0.05	0.01	30.2	0.33	1.41	1.2	7	<0.05	3.4
M896372		1.76	0.01	0.08	0.22	1.1	1550	0.13	0.02	20.4	0.24	3.01	1.1	10	0.11	4.3
M896373		0.83	0.01	0.43	0.80	8.5	810	0.26	0.05	3.42	0.29	7.14	2.1	27	1.57	9.7
M896374		1.44	0.01	0.02	0.02	0.3	280	0.05	0.01	35.5	0.17	2.08	1.3	2	<0.05	3.0
M896375		1.01	0.01	0.19	0.15	5.0	950	0.11	0.02	14.75	1.84	1.95	1.0	13	0.21	4.9
M896376		0.72	0.11	0.05	0.06	3.7	9120	0.21	0.01	29.2	2.42	7.80	2.5	1	0.08	9.9

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

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Project: Area G&H

CERTIFICATE OF ANALYSIS WH14145809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M896191		1.08	7.29	0.09	1.3	1.94	0.028	0.82	28.9	28.4	0.10	29	0.42	<0.01	26.9	3.3
M896192		1.14	3.29	0.05	0.6	0.03	0.016	0.51	7.6	11.4	0.35	64	0.62	0.06	2.6	14.2
M896193		0.23	0.60	0.05	0.1	0.02	0.006	0.08	6.4	4.8	0.12	43	0.36	0.01	0.4	7.0
M896194		0.12	0.41	0.05	0.1	0.01	<0.005	0.04	9.0	2.1	0.26	30	0.18	0.01	0.2	4.2
M896196		0.32	0.74	0.05	0.1	0.01	0.007	0.10	12.5	4.1	0.26	112	0.82	0.01	0.5	7.2
M896197		0.46	1.37	<0.05	0.3	0.05	0.006	0.24	8.3	4.1	0.13	70	1.09	0.01	1.1	11.8
M896198		0.39	0.75	<0.05	0.9	0.02	<0.005	0.11	6.2	1.4	0.01	32	0.30	<0.01	1.2	1.2
M896199		0.04	0.09	<0.05	<0.1	<0.01	<0.005	<0.01	3.8	0.9	1.53	88	0.37	0.01	0.1	3.0
M896200		0.04	0.10	0.05	0.1	<0.01	<0.005	<0.01	3.5	1.1	2.42	87	0.31	0.01	0.1	3.1
M896371		0.05	0.09	0.05	0.1	<0.01	<0.005	<0.01	3.5	1.2	4.23	95	0.61	0.01	0.1	4.2
M896372		0.14	0.49	0.07	0.1	0.01	<0.005	0.03	3.7	3.1	8.99	93	0.82	0.09	0.4	6.9
M896373		0.89	1.98	0.06	0.4	0.04	0.008	0.33	5.9	11.1	0.29	49	13.65	0.03	1.6	21.6
M896374		0.03	0.14	0.05	<0.1	<0.01	<0.005	<0.01	9.1	0.3	0.08	194	0.91	<0.01	0.1	3.6
M896375		0.41	0.39	0.05	0.2	0.05	<0.005	0.04	3.1	1.8	7.66	63	1.07	0.02	0.2	6.8
M896376		2.47	0.28	0.06	<0.1	0.05	0.006	0.02	4.3	0.6	4.44	3330	0.23	<0.01	<0.1	9.1

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Project: Area G&H

CERTIFICATE OF ANALYSIS WH14145809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M896191		1160	80.4	36.2	0.003	0.09	37.7	3.4	1	1.0	132.0	1.44	<0.05	5.2	0.313	0.45
M896192		140	4.0	30.2	0.004	0.31	0.61	3.8	1	0.4	42.6	0.16	<0.05	1.8	0.078	0.22
M896193		190	1.1	4.4	0.003	0.01	0.25	0.9	1	<0.2	245	<0.05	<0.05	0.5	0.010	0.09
M896194		480	0.7	2.5	0.004	0.03	0.11	0.6	1	<0.2	536	<0.05	<0.05	0.4	0.006	0.04
M896196		220	1.7	5.5	0.003	0.02	0.15	1.2	1	<0.2	367	<0.05	<0.05	0.7	0.013	0.08
M896197		240	2.0	10.7	0.004	<0.01	0.27	1.6	1	0.2	107.0	0.07	<0.05	0.9	0.029	0.22
M896198		30	4.4	3.4	0.002	0.01	0.28	0.4	<1	0.3	13.3	0.07	<0.05	1.0	0.064	0.03
M896199		250	<0.5	0.2	0.007	0.01	0.08	0.4	1	<0.2	572	<0.05	<0.05	<0.2	<0.005	<0.02
M896200		290	0.5	0.2	0.003	0.01	0.10	0.3	<1	<0.2	561	<0.05	<0.05	<0.2	<0.005	<0.02
M896371		630	<0.5	0.2	0.006	<0.01	0.10	0.3	1	<0.2	615	<0.05	<0.05	<0.2	<0.005	<0.02
M896372		130	0.9	1.7	0.013	0.01	0.16	0.7	1	<0.2	632	<0.05	<0.05	0.4	0.014	0.02
M896373		180	2.7	20.1	0.017	0.51	0.51	1.6	2	0.3	80.8	0.10	<0.05	1.1	0.046	0.16
M896374		50	<0.5	0.3	0.003	0.01	0.13	0.6	<1	<0.2	198.0	<0.05	<0.05	<0.2	<0.005	0.04
M896375		420	0.6	1.9	0.005	0.02	0.33	0.5	1	<0.2	290	<0.05	<0.05	0.2	0.007	0.09
M896376		180	12.3	0.9	0.003	0.22	0.28	0.8	1	<0.2	346	<0.05	<0.05	<0.2	<0.005	0.05

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

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

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

Finalized Date: 28-SEP-2014
Account: RCM

Project: Area G&H

CERTIFICATE OF ANALYSIS WH14145809

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M896191		0.9	58	2.5	7.7	104	56.0
M896192		1.1	60	0.4	8.0	48	22.8
M896193		1.0	7	0.1	12.5	32	4.2
M896194		1.1	6	<0.1	18.6	27	2.1
M896196		1.0	10	0.1	18.7	34	4.6
M896197		1.6	23	0.1	14.5	43	10.3
M896198		0.4	5	0.2	1.9	3	33.2
M896199		0.8	13	<0.1	8.2	19	3.1
M896200		0.7	10	<0.1	7.2	16	3.6
M896371		0.8	16	<0.1	8.8	16	4.0
M896372		1.3	21	0.1	4.7	18	4.9
M896373		1.2	32	0.2	7.5	50	13.8
M896374		0.7	12	<0.1	11.4	6	1.8
M896375		1.2	21	0.1	6.8	43	4.7
M896376		0.7	2	<0.1	7.5	785	1.5

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VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2014
Account: RCM

Project: Area G&H

CERTIFICATE OF ANALYSIS WH14145809

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 18-JUN-2014
Account: RCM

CERTIFICATE WH14090535

Project: NADALEEN

This report is for 14 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 18-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090535

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013807		0.12	0.01	0.46	3.94	33.9	1650	1.94	0.27	0.02	0.47	47.8	0.9	78	7.57	394
Q013808		0.22	<0.01	1.51	1.70	10.7	2290	0.71	0.08	0.04	0.32	20.9	0.9	42	3.88	18.6
Q013809		0.34	0.01	4.19	3.05	681	700	0.93	0.18	0.07	0.18	51.8	0.3	100	15.65	38.3
Q013810		0.19	<0.01	0.61	0.89	40.4	1700	0.33	0.05	20.3	2.43	8.36	2.7	30	0.95	14.4
Q013811		0.06	<0.01	0.20	0.54	48.1	120	0.42	0.03	35.3	2.47	3.60	0.6	10	2.00	9.6
Q013812		0.33	<0.01	0.95	1.99	7150	1630	3.59	0.16	0.34	5.92	27.9	3.4	152	2.62	171.5
Q013813		0.41	<0.01	1.26	2.34	>10000	3100	9.95	0.10	0.84	27.4	16.10	64.5	38	5.96	130.5
Q013851		0.84	<0.01	0.27	0.57	43.1	3750	0.30	0.04	22.7	1.42	6.27	2.1	23	1.02	8.4
Q013852		0.31	<0.01	0.22	0.33	39.4	6220	0.16	0.03	28.0	1.20	4.02	1.8	15	0.30	5.9
Q013853		0.80	0.05	0.83	0.15	97.1	1530	0.24	0.02	35.6	3.89	1.72	0.5	5	0.48	5.2
Q013854		0.49	<0.01	0.42	0.11	156.0	80	0.61	0.02	35.6	2.86	1.35	0.5	5	0.23	3.9
Q013855		0.56	0.01	0.29	0.18	17.5	90	0.23	0.02	36.7	3.22	3.27	1.0	3	0.81	2.2
Q013856		0.38	<0.01	0.06	0.11	197.5	50	0.20	0.02	29.5	3.64	1.42	8.6	1	0.25	1.8
Q017007		0.25	1.30	2.11	0.16	271	300	0.10	0.02	31.4	12.45	7.70	0.5	7	0.20	5.8

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

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

Finalized Date: 18-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090535

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013807		16.30	12.45	0.28	2.3	0.58	0.041	1.69	27.4	11.0	0.32	20	5.45	0.04	13.2	11.4
Q013808		1.67	5.65	0.20	1.2	0.26	0.009	0.77	10.4	19.1	0.13	27	9.31	0.04	4.9	10.8
Q013809		9.90	11.45	0.23	2.2	0.84	0.134	3.04	32.4	13.6	0.16	11	75.2	0.03	14.0	7.7
Q013810		0.93	1.81	0.14	0.6	0.22	0.008	0.34	5.7	2.7	6.28	257	5.08	0.04	2.2	39.2
Q013811		0.24	1.49	0.08	0.2	0.06	0.013	0.22	2.3	3.2	0.85	231	0.29	0.01	0.9	4.1
Q013812		18.65	8.83	0.19	1.6	0.60	0.033	0.66	20.2	5.9	0.09	298	69.0	0.01	4.8	106.0
Q013813		43.6	5.91	1.17	0.8	2.42	0.022	0.78	8.9	6.9	0.15	1120	51.4	0.03	2.5	2460
Q013851		0.81	1.39	0.10	0.4	0.12	0.011	0.18	4.5	2.9	0.65	170	2.57	<0.01	1.1	26.8
Q013852		0.60	0.74	0.09	0.3	0.11	0.007	0.09	2.9	2.2	0.23	109	1.88	<0.01	0.7	21.7
Q013853		0.25	0.52	0.07	0.1	3.34	0.005	0.05	1.1	0.9	0.12	426	1.94	<0.01	0.3	10.8
Q013854		0.37	0.28	0.09	0.1	0.45	<0.005	0.03	0.8	0.6	2.10	448	0.33	<0.01	0.1	8.2
Q013855		0.10	0.51	0.06	0.1	0.12	<0.005	0.06	3.8	1.4	0.22	331	0.11	0.01	0.2	4.7
Q013856		0.35	0.29	0.07	<0.1	0.61	<0.005	0.04	0.8	0.8	5.03	427	0.38	0.01	0.2	17.5
Q017007		0.14	0.59	0.10	0.1	71.1	0.007	0.04	9.8	3.0	0.10	275	6.41	<0.01	0.3	7.4

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

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

Finalized Date: 18-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090535

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q013807		2780	38.6	88.0	0.006	0.20	9.75	10.9	39	1.5	63.5	0.77	0.14	6.9	0.292	0.64
Q013808		510	44.1	35.3	0.006	0.55	6.70	2.6	14	0.6	115.5	0.29	0.06	3.4	0.102	0.68
Q013809		1840	188.0	140.0	0.011	3.76	18.30	7.0	18	2.3	1180	0.81	0.63	11.4	0.242	66.9
Q013810		360	8.4	13.0	0.019	0.15	1.34	2.0	9	0.2	952	0.14	<0.05	1.7	0.057	0.64
Q013811		260	9.4	9.3	<0.002	0.01	0.17	3.8	1	0.2	42.0	0.06	<0.05	0.8	0.027	0.45
Q013812		1090	224	28.5	0.003	0.06	31.1	8.8	5	1.2	87.1	0.29	0.16	4.7	0.161	1.95
Q013813		970	389	32.3	0.004	0.20	17.30	3.3	37	0.5	112.0	0.16	<0.05	5.0	0.084	13.30
Q013851		980	3.2	8.6	0.014	0.13	0.79	1.9	5	0.2	1160	0.07	0.05	1.0	0.029	0.21
Q013852		750	1.9	4.3	0.009	0.19	0.50	1.0	4	0.2	1070	<0.05	<0.05	0.6	0.018	0.24
Q013853		20	29.0	2.2	0.002	0.04	4.01	2.6	2	<0.2	294	<0.05	<0.05	0.2	0.008	0.20
Q013854		190	18.5	1.4	0.002	0.01	1.13	1.2	1	<0.2	37.0	<0.05	<0.05	<0.2	0.005	0.17
Q013855		110	29.4	3.4	0.003	0.01	0.15	2.8	<1	<0.2	186.0	<0.05	<0.05	0.3	0.006	0.20
Q013856		150	3.3	1.7	0.002	<0.01	0.22	0.5	1	<0.2	69.1	<0.05	<0.05	0.2	0.005	0.12
Q017007		1350	933	2.0	0.009	0.03	25.5	3.3	2	0.2	187.0	<0.05	<0.05	0.3	0.008	3.35

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

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

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

Finalized Date: 18-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090535

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
Q013807		6.6	412	1.2	14.4	56	89.5	
Q013808		1.5	215	0.5	12.7	37	36.9	
Q013809		4.1	498	4.8	18.4	32	85.8	
Q013810		1.8	68	0.6	11.2	199	22.5	
Q013811		2.9	16	0.6	8.0	61	7.2	
Q013812		3.7	471	4.9	25.4	518	65.9	
Q013813		6.7	234	3.8	33.6	4010	26.3	3.02
Q013851		1.7	69	0.2	11.6	122	20.5	
Q013852		1.3	44	0.1	9.4	80	20.7	
Q013853		3.5	32	0.5	10.7	120	3.2	
Q013854		2.5	23	0.4	5.8	264	3.8	
Q013855		2.3	9	0.1	15.3	57	4.5	
Q013856		2.3	5	0.2	3.2	201	1.9	
Q017007		10.9	230	0.6	21.9	473	3.1	

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

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

Finalized Date: 18-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090535

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

ALS Canada Ltd.

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

Finalized Date: 19-JUN-2014
This copy reported on 24-JUN-2014
Account: RCM

CERTIFICATE WH14090536

Project: NADALEEN

This report is for 78 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

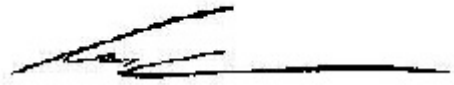
ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	VARIABLE
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF
Au-AA26	Ore Grade Au 50g FA AA finish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

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

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

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

Comments: ***Corrected copy with sample ID Q130139505 corrected to Q013905 for sample #77***

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 19-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090536

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013814		0.15	<0.01	0.21	0.29	2.5	9070	0.30	0.02	28.3	0.42	4.33	0.8	23	0.32	4.8
Q013815		0.11	<0.01	1.64	3.78	20.3	6300	0.89	0.17	0.24	0.14	37.3	1.6	74	10.40	18.1
Q013816		0.18	<0.01	0.89	3.27	68.0	970	1.05	0.15	0.37	0.31	28.2	5.6	78	10.95	43.4
Q013817		0.66	<0.01	<0.01	0.03	0.6	2580	<0.05	0.01	0.09	0.28	0.16	0.3	1	0.05	2.7
Q013818		0.09	<0.01	0.92	2.80	69.3	6330	0.85	0.11	0.46	1.81	22.1	6.8	84	4.81	57.7
Q013819		0.22	<0.01	0.26	0.58	6.6	7620	0.29	0.03	28.1	2.01	8.57	3.5	34	1.33	9.4
Q013820		0.74	<0.01	1.65	4.77	204	4820	3.93	0.16	0.39	6.72	41.1	8.9	198	18.95	326
Q013821		0.12	<0.01	0.76	1.75	106.0	7290	1.42	0.08	0.97	8.79	20.1	9.9	102	4.28	139.0
Q013822		0.13	<0.01	0.59	1.09	36.8	6450	0.60	0.06	1.67	2.48	10.90	5.1	43	2.84	65.9
Q013823		0.35	<0.01	1.04	3.36	117.5	4060	0.83	0.15	0.10	1.06	32.7	2.6	107	13.10	26.9
Q013824		0.23	0.01	1.16	4.57	323	690	2.03	0.17	0.23	1.98	43.8	16.3	100	9.74	72.8
Q013825		0.34	0.01	0.89	5.29	300	720	1.77	0.20	0.24	0.67	49.2	9.7	113	12.20	94.6
Q013626		0.49	0.06	2.48	2.92	1200	7580	1.86	0.11	0.97	3.46	43.3	10.0	267	9.05	155.0
Q013827		0.40	0.13	0.74	3.78	758	1530	2.25	0.16	0.18	1.15	33.9	12.0	94	11.30	122.5
Q013828		0.24	0.05	0.38	1.88	255	6300	0.58	0.07	0.08	0.39	15.20	4.0	51	5.77	36.1
Q013829		0.15	<0.01	1.82	3.44	138.0	1500	2.21	0.16	0.21	1.23	30.2	4.4	228	6.58	104.0
Q013830		0.24	0.01	1.78	3.85	150.0	880	1.26	0.22	0.13	0.18	56.9	0.8	107	13.05	26.8
Q013831		0.21	<0.01	1.02	3.61	145.0	890	0.98	0.16	0.07	0.23	46.3	0.7	107	7.07	18.3
Q013832		0.33	<0.01	1.17	2.55	69.0	2460	0.70	0.12	0.16	1.12	21.0	3.8	149	5.55	40.5
Q013833		0.61	<0.01	1.13	1.99	85.1	3400	0.73	0.10	0.17	2.07	16.40	2.8	118	5.01	48.1
Q013834		0.22	<0.01	0.12	0.40	49.8	5150	0.31	0.03	23.1	0.69	4.14	1.2	18	0.66	7.7
Q013835		0.78	<0.01	3.08	3.55	770	1450	1.76	0.16	0.19	3.59	32.7	11.3	141	9.98	189.5
Q013836		0.20	<0.01	0.61	4.67	119.0	4910	1.63	0.20	0.33	0.64	39.1	7.7	102	11.25	93.1
Q013837		0.67	<0.01	0.57	4.81	606	1450	1.41	0.24	0.13	1.46	47.9	8.9	130	18.65	87.9
Q013838		0.14	<0.01	0.29	1.34	184.0	800	0.49	0.06	0.07	0.39	10.70	4.9	40	2.86	30.5
Q013839		0.57	0.01	1.32	4.13	2180	1690	1.14	0.19	0.15	2.34	53.6	0.8	120	7.48	68.4
Q013840		0.20	<0.01	0.99	3.21	2340	1480	0.81	0.34	0.15	1.22	33.1	0.7	93	12.80	33.9
Q013841		0.46	<0.01	1.14	3.46	902	1440	0.93	0.33	0.11	0.48	36.2	0.5	90	13.00	26.7
Q013842		0.46	<0.01	1.53	4.47	239	1250	1.53	0.21	0.12	1.25	51.7	1.0	113	17.25	33.6
Q013843		0.70	<0.01	0.30	0.47	36.8	5100	0.23	0.04	24.7	2.15	5.75	1.9	19	0.52	10.3
Q013844		0.27	0.04	1.17	4.26	242	5440	2.00	0.16	0.50	4.46	34.1	12.1	193	17.65	222
Q013845		0.48	0.01	4.80	4.64	1070	3940	1.87	0.18	0.27	5.42	46.9	2.7	163	8.07	204
Q013846		0.53	0.10	0.24	0.57	23.1	480	0.08	0.03	0.30	0.13	2.72	0.2	27	0.65	5.3
Q013847		0.34	0.01	1.94	3.94	425	1390	1.08	0.22	0.11	0.13	54.1	0.4	128	17.95	19.7
Q013871		0.55	<0.01	0.15	0.13	6.7	>10000	0.15	0.02	22.2	2.39	1.88	1.6	17	0.22	6.3
Q013872		0.54	<0.01	1.42	3.80	51.4	3180	1.26	0.20	0.93	0.55	35.8	2.4	137	8.14	31.1
Q013873		0.56	<0.01	10.70	3.17	113.0	1660	0.92	0.22	0.43	0.70	41.0	2.4	193	8.12	67.4
Q013874		0.32	<0.01	0.85	4.09	187.5	6030	3.09	0.17	0.22	7.66	37.7	21.2	310	6.46	271
Q013875		0.25	<0.01	1.12	4.81	253	3110	2.55	0.20	0.45	3.76	43.1	7.9	192	11.20	117.0
Q013876		0.42	<0.01	1.03	0.19	30.0	710	0.41	0.02	30.9	8.87	1.91	2.5	16	0.72	13.4

Comments: ***Corrected copy with sample ID Q130139505 corrected to Q013905 for sample #77***

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VANCOUVER BC V6B 1L8

Finalized Date: 19-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090536

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013814		0.32	0.74	0.09	0.3	0.03	0.006	0.06	5.1	8.2	0.23	65	1.20	0.02	0.5	10.4
Q013815		1.91	11.15	0.15	2.0	0.12	0.021	1.25	20.1	21.6	0.22	30	4.89	0.05	7.1	14.6
Q013816		4.77	9.06	0.16	1.4	0.12	0.050	1.16	13.1	27.7	0.18	51	8.88	0.17	5.5	46.8
Q013817		0.04	0.06	0.07	<0.1	<0.01	<0.005	0.01	<0.5	0.5	<0.01	<5	0.15	<0.01	<0.1	2.4
Q013818		1.81	6.48	0.13	1.1	0.85	0.049	0.92	15.0	43.9	0.13	125	3.86	0.02	4.3	196.5
Q013819		0.93	1.53	0.09	0.6	0.06	0.011	0.18	8.7	6.1	0.24	192	3.42	0.01	1.1	55.7
Q013820		6.02	11.35	0.25	1.6	0.13	0.098	1.34	28.2	28.6	0.19	56	8.46	0.03	6.4	183.5
Q013821		6.39	4.16	0.15	1.4	0.18	0.020	0.55	18.4	15.5	0.10	365	21.2	0.02	3.3	235
Q013822		2.09	2.63	0.13	1.0	0.10	0.016	0.34	9.0	11.6	0.07	113	4.86	0.01	2.1	83.0
Q013823		3.35	9.03	0.16	1.5	0.11	0.047	1.26	21.4	37.6	0.18	29	9.26	0.03	6.0	35.2
Q013824		2.63	12.00	0.19	2.4	5.31	0.070	1.75	27.8	42.3	0.18	330	3.89	0.02	7.3	121.5
Q013825		3.30	13.60	0.17	2.4	2.46	0.056	2.03	32.0	27.1	0.23	69	3.62	0.03	8.8	89.2
Q013626		11.45	6.83	0.42	2.4	1.70	0.032	0.90	33.1	13.0	0.14	213	17.60	0.02	4.2	323
Q013827		3.88	9.62	0.15	1.7	2.47	0.074	1.32	22.0	28.2	0.16	104	2.31	0.03	5.7	155.5
Q013828		1.72	5.07	0.08	0.8	1.47	0.038	0.68	10.0	41.2	0.08	59	1.28	0.01	3.1	45.5
Q013829		3.74	8.57	0.19	1.8	0.71	0.374	1.07	21.7	64.7	0.14	64	5.82	0.03	5.8	105.0
Q013830		3.87	13.10	0.15	2.7	0.21	0.051	1.96	34.5	17.6	0.27	26	43.4	0.03	16.7	15.9
Q013831		3.55	12.85	0.28	2.2	0.17	0.061	2.05	25.3	25.7	0.23	23	7.60	0.03	14.0	9.3
Q013832		2.51	6.32	0.16	1.1	0.10	0.032	0.89	17.4	41.9	0.13	56	5.51	0.02	4.6	72.3
Q013833		2.53	4.43	0.15	0.8	0.14	0.036	0.59	13.3	38.0	0.09	49	3.86	0.01	2.9	62.4
Q013834		1.54	1.00	0.08	0.4	0.18	0.010	0.13	3.5	3.7	3.66	220	2.04	0.01	0.9	21.1
Q013835		8.21	9.11	0.16	1.5	0.56	0.068	1.18	23.1	14.1	0.14	108	18.85	0.02	5.3	223
Q013836		2.59	11.15	0.14	2.4	0.26	0.047	1.44	26.5	13.4	0.22	73	8.10	0.03	7.1	136.5
Q013837		6.86	13.30	0.21	2.2	0.49	0.063	1.75	31.9	16.2	0.20	102	20.7	0.03	7.4	191.5
Q013838		1.99	3.66	0.11	0.6	1.15	0.062	0.46	6.6	30.7	0.05	71	2.66	0.01	1.9	88.2
Q013839		7.76	13.00	0.20	2.3	17.8	0.084	1.93	29.5	16.0	0.24	25	30.4	0.05	12.9	11.3
Q013840		12.95	10.15	0.19	1.9	0.85	0.153	2.53	14.8	14.5	0.20	60	37.6	0.04	11.7	13.7
Q013841		9.09	10.65	0.20	2.1	0.89	0.079	2.58	17.4	14.2	0.22	27	37.2	0.04	12.9	12.1
Q013842		4.73	14.00	0.24	2.6	0.13	0.064	2.42	30.4	18.8	0.31	24	94.0	0.07	16.2	16.0
Q013843		0.81	1.04	0.11	0.4	0.33	0.008	0.18	3.9	1.9	0.22	123	4.60	<0.01	1.0	31.5
Q013844		9.54	11.70	0.19	1.6	1.89	0.090	1.47	25.2	15.3	0.22	102	13.35	0.03	5.6	246
Q013845		9.80	13.70	0.17	2.3	1.83	0.071	1.37	30.6	15.0	0.16	41	39.6	0.02	7.0	94.0
Q013846		0.41	1.24	0.07	0.2	2.19	<0.005	0.20	2.5	56.0	0.04	27	1.37	<0.01	1.3	3.8
Q013847		4.77	13.40	0.24	2.8	1.84	0.067	2.49	33.0	13.1	0.25	11	18.00	0.03	15.8	12.1
Q013871		0.55	0.31	0.08	0.2	0.02	<0.005	0.03	3.3	4.4	0.11	97	1.40	<0.01	0.2	20.3
Q013872		1.76	10.70	0.15	2.0	0.34	0.022	1.28	26.8	22.4	0.21	30	5.88	0.03	6.8	37.1
Q013873		6.64	9.89	0.21	1.7	0.59	0.051	1.25	37.5	39.3	0.15	78	108.5	0.03	5.3	35.7
Q013874		15.60	11.50	0.22	1.6	0.40	0.085	1.26	31.2	29.6	0.14	246	22.9	0.01	6.8	398
Q013875		6.16	11.05	0.20	1.8	0.40	0.066	1.48	35.5	18.0	0.20	79	13.70	0.03	8.0	178.0
Q013876		0.68	0.55	0.06	0.1	0.08	0.008	0.05	1.8	2.0	2.65	809	3.86	<0.01	0.2	41.0

Comments: ***Corrected copy with sample ID Q130139505 corrected to Q013905 for sample #77***

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CERTIFICATE OF ANALYSIS WH14090536

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q013814		460	2.3	3.0	0.009	0.28	0.44	1.1	2	<0.2	2300	<0.05	<0.05	0.6	0.020	0.06
Q013815		390	15.1	73.6	0.007	0.81	2.12	6.7	8	1.2	119.0	0.44	0.16	5.0	0.230	0.55
Q013816		1880	13.3	76.2	0.014	0.61	3.75	8.3	8	0.9	389	0.34	0.16	4.1	0.187	1.22
Q013817		30	<0.5	0.4	0.002	0.12	0.08	0.1	<1	<0.2	39.6	<0.05	<0.05	<0.2	<0.005	<0.02
Q013818		1540	7.8	47.9	0.016	0.23	4.23	4.9	6	0.9	70.0	0.28	0.11	3.7	0.136	0.53
Q013819		760	2.7	9.1	0.005	0.20	0.76	3.2	2	0.2	1310	0.07	<0.05	1.1	0.038	0.24
Q013820		4220	10.4	83.9	0.037	0.39	3.47	18.8	15	1.1	647	0.38	0.25	6.1	0.214	1.70
Q013821		3650	7.0	29.4	0.021	0.27	7.05	13.8	7	0.6	143.5	0.21	0.13	2.7	0.093	0.51
Q013822		1650	4.2	18.4	0.012	0.27	1.81	5.1	6	0.3	142.0	0.13	0.07	1.7	0.057	0.24
Q013823		1050	9.6	67.1	0.026	0.42	3.89	5.8	11	1.1	165.0	0.35	0.14	4.8	0.192	1.57
Q013824		920	12.9	84.6	0.033	0.08	8.89	11.8	6	1.4	80.1	0.46	0.11	6.7	0.260	3.21
Q013825		1100	19.2	97.7	0.030	0.10	7.73	13.2	8	1.7	60.0	0.55	0.13	6.9	0.310	2.43
Q013626		3890	8.3	48.3	0.011	0.25	10.25	72.6	26	0.8	345	0.26	0.09	5.1	0.138	11.55
Q013827		1150	8.5	71.1	0.013	0.15	9.98	16.3	6	1.4	184.5	0.36	0.06	5.1	0.212	5.94
Q013828		380	4.8	34.3	0.007	0.23	3.77	4.7	3	0.7	85.2	0.19	<0.05	2.5	0.115	4.08
Q013829		3370	16.4	55.8	0.010	0.11	3.84	22.4	14	2.2	100.0	0.37	0.22	5.8	0.170	0.81
Q013830		860	58.1	96.0	0.010	0.92	5.26	7.1	8	1.9	217	0.95	0.26	20.3	0.310	6.57
Q013831		830	37.7	87.1	0.050	1.19	5.77	6.2	52	1.6	240	0.81	0.21	14.1	0.272	4.74
Q013832		1010	7.3	44.6	0.020	0.32	3.01	4.9	23	0.8	108.0	0.28	0.12	3.4	0.142	0.64
Q013833		1640	5.9	30.8	0.015	0.25	2.53	5.9	13	0.7	205	0.19	0.13	3.1	0.090	0.50
Q013834		510	1.3	5.8	0.012	0.17	1.32	2.7	3	<0.2	1170	0.05	<0.05	0.7	0.024	0.36
Q013835		1830	510	60.8	0.004	0.23	21.2	9.1	9	1.1	408	0.30	0.09	5.1	0.172	0.76
Q013836		1300	16.6	75.7	0.027	0.14	2.60	10.8	7	1.2	201	0.49	0.11	5.5	0.259	0.53
Q013837		2000	13.9	87.8	0.010	0.13	4.89	11.8	7	1.3	196.0	0.51	0.09	6.9	0.297	1.65
Q013838		980	3.7	21.3	<0.002	0.03	1.54	4.6	4	0.7	83.6	0.12	<0.05	1.7	0.071	0.37
Q013839		1520	19.5	75.4	0.010	0.82	30.4	5.1	9	1.5	510	0.80	0.10	6.9	0.283	9.27
Q013840		>10000	15.4	79.2	0.023	2.71	9.02	18.5	12	1.8	798	0.71	0.21	13.2	0.234	25.4
Q013841		4660	23.2	82.4	0.032	2.47	8.01	9.3	12	1.8	674	0.79	0.22	12.9	0.262	21.9
Q013842		1760	19.9	98.0	0.046	1.50	7.92	8.7	29	1.6	371	1.01	0.17	8.1	0.325	11.05
Q013843		890	2.5	6.8	0.015	0.20	1.05	1.7	3	0.2	1030	0.06	<0.05	0.9	0.026	0.32
Q013844		2250	9.3	78.8	0.025	0.29	7.55	12.4	31	1.1	260	0.37	0.06	5.1	0.229	7.51
Q013845		3180	433	66.3	0.004	0.11	28.6	15.9	8	1.1	610	0.44	0.12	6.1	0.261	1.60
Q013846		300	9.0	6.8	0.006	0.04	1.07	0.7	1	0.3	67.1	0.06	<0.05	0.6	0.025	1.01
Q013847		1160	48.3	115.5	0.018	1.68	10.50	7.7	21	2.0	560	0.97	0.28	11.2	0.319	22.6
Q013871		130	0.6	1.4	0.008	0.29	0.29	1.9	3	<0.2	1010	<0.05	<0.05	0.2	0.006	0.11
Q013872		800	9.7	71.5	0.026	0.17	3.34	8.7	9	1.0	229	0.43	0.11	5.2	0.241	0.96
Q013873		7270	15.0	74.2	0.015	0.73	10.55	17.5	17	1.4	599	0.43	0.22	9.3	0.185	6.83
Q013874		2720	10.4	60.6	0.014	0.17	3.97	14.6	31	1.1	477	0.44	0.11	7.1	0.204	1.00
Q013875		2360	12.1	77.5	0.039	0.32	3.39	13.0	13	1.2	894	0.53	0.11	6.1	0.243	2.29
Q013876		110	2.7	3.1	0.007	0.05	1.40	3.5	2	<0.2	527	<0.05	<0.05	0.2	0.007	0.19

Comments: ***Corrected copy with sample ID Q130139505 corrected to Q013905 for sample #77***

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

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

Finalized Date: 19-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090536

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	As	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
Q013814		1.9	46	0.1	9.2	26	16.2		
Q013815		3.3	204	1.0	9.8	42	73.7		
Q013816		4.5	174	0.8	19.3	300	56.1		
Q013817		0.2	1	<0.1	0.9	13	<0.5		
Q013818		7.4	153	1.4	35.0	596	37.2		
Q013819		2.0	58	0.2	22.1	167	38.7		
Q013820		24.4	328	0.9	76.0	1040	59.1		
Q013821		8.7	288	0.6	83.9	1220	103.0		
Q013822		4.9	88	0.4	37.9	372	38.9		
Q013823		4.0	313	1.1	14.5	200	49.6		
Q013824		4.6	212	6.2	52.9	421	75.5		
Q013825		5.7	234	6.4	41.1	312	88.5		
Q013626		8.6	694	1.1	151.0	1120	165.5		
Q013827		6.0	184	3.9	39.2	464	59.9		
Q013828		2.0	103	1.9	11.7	149	29.5		
Q013829		11.6	333	2.7	47.1	442	49.9		
Q013830		5.0	454	1.9	15.6	44	102.5		
Q013831		3.1	472	1.7	12.4	22	87.3		
Q013832		3.3	247	1.0	10.8	212	42.8		
Q013833		3.9	189	0.6	12.1	253	29.7		
Q013834		1.8	50	0.3	12.0	69	19.8		
Q013835		7.8	270	2.0	36.5	1110	52.5		
Q013836		9.1	223	1.2	37.0	450	71.1		
Q013837		7.8	268	2.3	28.6	396	79.2		
Q013838		3.6	63	0.6	16.1	415	19.9		
Q013839		6.0	636	3.5	13.9	125	86.4		
Q013840		4.1	663	1.3	10.5	67	73.0		
Q013841		3.9	700	1.4	11.2	42	79.8		
Q013842		5.9	658	1.5	16.1	53	99.7		
Q013843		1.4	58	0.3	12.6	163	18.7		
Q013844		9.8	256	1.7	31.4	1210	56.3		
Q013845		5.7	391	6.2	37.2	517	82.5		
Q013846		4.7	43	0.9	1.9	10	8.2		
Q013847		5.5	547	4.3	19.4	18	112.0		
Q013871		1.4	21	0.1	16.6	134	9.6		1.05
Q013872		5.7	218	1.2	26.7	164	72.4		
Q013873		10.7	264	1.2	13.6	116	70.0		
Q013874		10.9	259	1.1	92.2	1480	57.6		
Q013875		9.1	304	1.0	62.3	731	64.1		
Q013876		4.1	67	0.1	28.6	161	5.9		

Comments: ***Corrected copy with sample ID Q130139505 corrected to Q013905 for sample #77***

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

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

Finalized Date: 19-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090536

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013877		1.14	<0.01	0.04	0.08	6.5	440	0.10	0.01	37.0	0.89	0.87	0.5	3	0.16	4.1
Q013878		0.63	<0.01	0.08	0.10	12.1	360	0.06	0.01	32.2	1.20	1.37	0.5	4	0.19	3.7
Q013879		0.65	<0.01	2.46	3.90	228	2270	1.43	0.15	0.61	0.86	37.7	2.3	99	12.20	75.2
Q013880		0.80	<0.01	1.32	3.45	469	1580	1.79	0.15	0.19	3.67	30.6	6.9	139	9.16	148.0
Q013881		0.68	<0.01	1.33	4.10	451	1730	1.64	0.19	0.23	3.20	38.6	6.7	147	10.85	133.0
Q013882		0.38	<0.01	1.40	4.10	344	1600	1.24	0.19	0.11	1.28	39.9	6.7	94	16.55	59.0
Q013883		1.05	<0.01	0.77	2.71	91.2	980	0.66	0.11	0.09	0.78	22.8	4.8	69	6.97	35.9
Q013884		0.66	<0.01	0.38	1.50	63.3	900	0.57	0.06	1.02	1.60	10.70	3.6	40	2.98	48.4
Q013885		0.77	0.01	0.59	3.28	1870	1090	0.86	0.18	10.70	2.38	39.8	0.7	86	5.57	78.3
Q013886		0.47	0.01	0.43	0.17	138.5	120	0.38	0.02	35.2	16.40	1.88	1.1	4	0.30	13.7
Q013887		0.37	<0.01	0.34	4.76	1195	3630	1.01	0.21	0.41	5.72	53.6	2.4	113	10.15	114.0
Q013888		0.46	<0.01	0.38	0.85	108.5	950	0.35	0.05	34.0	14.40	8.29	3.4	17	2.64	13.2
Q013889		0.41	<0.01	1.45	3.12	400	1780	1.12	0.18	0.19	4.33	33.0	1.1	91	16.30	47.2
Q013890		0.30	<0.01	1.15	2.11	3180	6030	1.21	0.10	0.96	21.0	25.2	2.1	75	3.98	103.0
Q013891		0.38	<0.01	0.50	0.54	175.0	9270	0.52	0.03	32.6	15.95	5.83	3.4	13	2.17	7.4
Q013892		0.59	<0.01	0.27	0.15	101.5	300	0.18	0.02	34.9	1.44	1.50	0.7	3	0.37	5.2
Q013893		0.40	<0.01	0.69	3.92	>10000	710	3.26	0.03	0.94	10.30	3.92	21.4	29	1.16	433
Q013857		0.42	<0.01	0.16	0.24	42.3	5610	0.14	0.02	25.5	0.44	5.30	0.9	15	0.32	4.6
Q013858		0.16	<0.01	0.27	0.50	81.5	4230	0.31	0.03	25.5	0.67	6.12	1.0	23	0.79	13.0
Q013859		0.43	<0.01	0.32	0.88	13.3	3840	0.36	0.04	20.5	2.42	11.90	3.4	33	1.38	16.1
Q013860		0.79	<0.01	0.48	0.72	34.4	3160	0.15	0.03	0.18	0.49	7.40	0.4	38	1.69	9.4
Q013861		1.12	<0.01	0.80	1.53	12.1	2170	0.25	0.06	0.29	0.19	12.40	0.7	65	3.08	22.6
Q013862		0.60	<0.01	2.95	3.51	718	3270	1.56	0.15	0.66	7.48	29.5	6.2	211	11.10	87.2
Q013863		0.40	<0.01	0.18	0.57	28.1	7090	0.41	0.03	16.90	5.62	6.41	5.7	32	1.15	13.6
Q013864		0.47	<0.01	0.05	0.16	24.5	6500	0.20	0.01	11.00	1.58	2.92	1.7	19	0.58	4.7
Q013865		0.53	<0.01	0.28	0.45	21.9	5260	0.20	0.03	14.60	1.92	6.92	2.8	37	1.16	7.1
Q013866		0.72	0.01	1.60	3.40	164.0	5530	1.15	0.15	0.41	0.91	33.4	5.7	152	8.93	52.0
Q013867		0.44	<0.01	1.98	0.91	14.3	1600	0.25	0.05	0.23	0.39	5.50	0.4	92	1.79	20.2
Q013868		0.61	0.01	0.76	3.39	198.5	550	1.08	0.13	0.16	0.43	29.6	5.5	79	8.14	54.2
Q013869		0.54	0.01	0.38	0.27	14.5	7470	0.27	0.02	26.3	0.39	5.01	1.1	31	0.54	10.2
Q013870		0.25	0.10	0.49	2.68	290	6130	1.13	0.09	0.25	0.53	21.7	10.8	65	5.92	63.1
Q013850		0.10	0.01	1.88	9.93	>10000	1820	3.05	0.07	0.24	19.20	45.4	14.5	470	2.03	79.6
Q013901		0.86	0.01	0.04	1.05	199.0	730	0.49	0.04	32.7	0.35	15.50	2.1	14	1.92	7.4
Q013902		0.76	<0.01	0.20	4.72	176.5	400	1.75	0.13	15.70	2.34	45.7	8.5	63	9.50	25.6
Q013903		0.55	<0.01	0.02	1.07	6.8	880	0.54	0.04	32.1	0.26	16.30	2.0	12	2.03	4.0
Q013904		0.42	<0.01	0.88	5.42	113.0	550	1.88	0.17	11.30	7.62	60.4	10.9	70	7.97	38.8
Q013905		0.73	<0.01	0.91	7.67	1400	920	3.18	0.19	2.17	21.0	68.8	13.0	149	23.6	62.2
Q013906		0.59	<0.01	0.62	3.96	238	560	1.23	0.11	18.80	23.4	48.7	4.7	81	8.85	43.9

Comments: ***Corrected copy with sample ID Q130139505 corrected to Q013905 for sample #77***

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

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 19-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090536

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013877		0.11	0.25	0.08	<0.1	0.02	<0.005	0.02	1.0	0.8	0.16	63	3.68	<0.01	0.1	7.8
Q013878		0.10	0.34	0.07	0.1	0.03	0.006	0.03	1.5	3.7	0.18	62	5.95	<0.01	0.1	11.0
Q013879		3.39	10.75	0.12	1.9	0.36	0.123	1.44	23.4	22.2	0.17	37	7.38	0.03	6.0	36.2
Q013880		5.48	9.39	0.16	1.4	0.12	0.071	1.05	23.3	23.6	0.11	97	12.40	0.02	5.3	144.0
Q013881		5.84	11.10	0.19	2.0	0.17	0.068	1.33	32.2	20.3	0.14	82	13.55	0.03	6.6	133.0
Q013882		6.29	11.70	0.14	1.9	0.49	0.060	1.41	23.8	20.1	0.15	104	14.20	0.03	6.8	106.0
Q013883		2.21	7.27	0.11	1.2	0.66	0.058	0.93	14.1	14.0	0.10	72	5.80	0.02	3.9	48.1
Q013884		1.20	3.74	0.10	0.6	0.35	0.063	0.47	6.8	15.8	0.05	95	3.42	0.01	1.8	64.7
Q013885		5.71	10.50	0.13	1.9	13.2	0.047	1.31	24.9	9.6	0.21	91	21.6	0.02	10.7	9.3
Q013886		0.48	0.43	0.07	0.1	0.30	<0.005	0.06	1.1	1.0	0.20	79	0.71	0.01	0.3	23.1
Q013887		7.95	15.00	0.14	2.1	0.31	0.171	1.90	29.4	15.9	0.26	38	83.3	0.02	11.2	63.6
Q013888		0.54	2.35	0.09	0.4	11.30	0.008	0.28	5.1	3.8	0.17	348	2.96	0.01	1.6	45.2
Q013889		9.95	10.40	0.28	1.9	0.16	0.053	2.47	12.7	16.6	0.21	28	136.0	0.04	12.0	21.2
Q013890		7.42	6.70	0.16	0.8	4.43	0.057	0.63	17.8	13.3	0.11	55	80.5	0.02	3.5	88.2
Q013891		0.65	1.37	0.07	0.2	1.26	0.008	0.18	4.4	2.5	0.12	298	1.48	<0.01	1.0	91.2
Q013892		0.26	0.43	0.08	0.1	0.65	<0.005	0.06	0.8	1.0	0.19	37	1.50	<0.01	0.2	12.0
Q013893		21.9	1.57	0.13	0.7	2.80	0.019	0.18	3.2	5.1	0.03	215	28.5	0.01	0.7	633
Q013857		0.48	0.56	0.07	0.3	0.03	<0.005	0.07	6.2	7.4	0.38	100	1.57	<0.01	0.4	8.9
Q013858		0.46	1.28	0.11	0.5	0.03	0.009	0.15	5.6	6.5	0.26	68	1.72	0.03	0.9	11.7
Q013859		1.19	2.28	0.12	0.8	0.05	0.011	0.32	7.8	12.1	0.44	181	3.60	0.01	2.1	28.5
Q013860		1.16	2.05	0.12	0.5	0.04	0.026	0.22	4.6	41.9	0.04	38	1.93	0.05	1.8	4.8
Q013861		0.89	3.47	0.12	1.2	0.05	0.019	0.48	8.9	71.0	0.08	22	3.34	0.11	2.6	12.3
Q013862		9.39	8.32	0.20	1.4	0.63	0.067	1.09	21.8	18.2	0.17	148	20.6	0.02	5.9	142.0
Q013863		2.39	1.19	0.10	0.3	0.14	0.012	0.19	5.3	12.8	0.65	263	5.02	<0.01	0.9	91.8
Q013864		1.31	0.37	0.10	0.4	0.05	0.009	0.04	3.1	7.1	0.52	177	4.24	<0.01	0.3	33.7
Q013865		1.39	1.01	0.12	0.4	0.12	0.008	0.15	6.1	9.9	0.29	216	3.53	0.01	1.2	46.2
Q013866		3.06	8.73	0.26	1.5	0.34	0.048	1.16	23.7	57.9	0.14	39	8.09	0.01	6.1	111.0
Q013867		0.68	2.25	0.12	0.5	0.11	0.013	0.30	3.8	27.8	0.05	43	1.93	0.03	1.4	17.6
Q013868		1.68	8.51	0.18	1.6	0.58	0.034	1.18	17.2	16.7	0.14	89	2.13	0.03	5.1	31.8
Q013869		1.10	0.64	0.11	0.9	0.12	<0.005	0.08	5.6	3.7	0.51	103	2.68	<0.01	0.5	17.3
Q013870		2.07	6.74	0.12	1.1	2.02	0.040	0.91	13.4	30.0	0.11	119	2.21	0.01	4.2	133.0
Q013850		1.84	5.82	0.20	0.7	19.7	0.051	0.45	50.8	9.5	0.09	491	8.51	0.02	2.3	123.0
Q013901		0.66	2.67	0.09	0.4	0.10	0.017	0.51	8.7	5.4	0.40	103	1.38	0.01	1.5	9.9
Q013902		2.38	12.10	0.18	2.0	0.25	0.048	2.30	27.1	21.3	2.73	200	5.98	0.06	7.8	52.3
Q013903		0.58	2.92	0.12	0.4	0.02	0.013	0.53	9.0	5.7	0.43	97	1.43	0.02	1.6	9.1
Q013904		2.90	15.10	0.21	2.3	0.38	0.049	2.44	34.5	25.9	2.42	336	11.40	0.13	9.5	76.2
Q013905		4.05	21.8	0.39	3.1	0.64	0.072	3.87	44.2	30.4	0.91	104	55.0	0.05	13.2	332
Q013906		1.86	10.25	0.22	1.6	0.26	0.034	1.92	35.8	14.5	1.98	204	25.5	0.03	6.0	134.5

Comments: ***Corrected copy with sample ID Q130139505 corrected to Q013905 for sample #77***

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

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

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

Finalized Date: 19-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090536

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q013877		60	<0.5	1.1	0.024	0.02	0.29	0.3	<1	<0.2	382	<0.05	<0.05	<0.2	<0.005	0.04
Q013878		80	0.7	1.5	0.018	0.01	0.49	0.5	1	<0.2	399	<0.05	<0.05	<0.2	<0.005	0.05
Q013879		1130	92.8	73.8	0.009	0.42	5.88	10.9	3	1.3	434	0.41	0.13	4.9	0.232	1.04
Q013880		1700	16.0	58.3	0.005	0.13	3.81	15.0	6	1.1	261	0.34	0.09	4.3	0.187	0.96
Q013881		1590	23.9	74.0	0.009	0.12	4.68	11.8	8	1.1	240	0.41	0.13	5.3	0.238	1.06
Q013882		1330	46.3	70.8	0.007	0.07	7.94	8.7	3	1.3	132.0	0.43	0.10	5.2	0.256	0.68
Q013883		710	10.0	42.6	0.006	0.04	2.66	7.4	3	0.9	91.1	0.25	0.05	3.3	0.144	0.62
Q013884		540	7.2	21.8	0.005	0.03	1.30	6.5	2	0.7	111.0	0.12	<0.05	1.5	0.068	0.33
Q013885		1190	11.6	57.6	0.018	0.21	17.95	5.2	7	1.2	248	0.67	0.14	5.5	0.230	4.37
Q013886		50	13.2	2.4	0.004	0.01	0.45	2.4	1	<0.2	284	<0.05	<0.05	0.3	0.010	0.29
Q013887		3050	26.8	79.4	0.005	0.22	13.65	12.3	4	1.4	530	0.69	0.08	9.5	0.287	2.97
Q013888		210	23.9	12.7	0.004	0.05	2.50	3.6	1	0.3	126.0	0.10	<0.05	1.2	0.042	1.27
Q013889		3630	17.6	107.5	0.019	2.77	18.75	7.4	38	1.4	598	0.70	0.26	7.4	0.215	8.89
Q013890		3380	9.5	26.3	0.006	0.34	45.8	4.5	6	0.8	617	0.21	0.13	2.5	0.099	5.22
Q013891		230	30.8	7.8	0.003	0.28	0.92	3.1	1	0.2	344	0.06	<0.05	0.9	0.031	0.70
Q013892		40	4.9	2.3	0.003	0.02	0.83	0.4	1	<0.2	270	<0.05	<0.05	0.2	0.008	0.11
Q013893		2000	69.7	6.2	0.016	0.23	37.8	12.1	13	0.2	189.0	<0.05	<0.05	0.8	0.020	3.74
Q013857		650	1.2	3.1	0.008	0.45	1.03	1.9	3	<0.2	1490	<0.05	<0.05	0.5	0.012	0.18
Q013858		650	3.4	7.6	0.013	0.20	0.66	1.6	2	0.2	2170	0.05	0.06	0.8	0.027	0.18
Q013859		1420	3.8	14.4	0.029	0.38	1.25	3.1	3	0.3	1070	0.14	<0.05	1.8	0.050	0.31
Q013860		1280	6.4	12.0	0.009	0.28	0.86	4.4	3	0.4	252	0.11	<0.05	1.1	0.045	0.29
Q013861		1490	12.6	23.7	0.017	0.51	1.51	1.9	5	0.4	111.0	0.17	0.05	2.1	0.079	0.38
Q013862		>10000	9.8	61.4	0.019	0.32	4.97	14.5	16	1.0	275	0.37	0.29	5.1	0.178	1.34
Q013863		3250	2.2	8.4	0.009	0.42	1.54	3.4	5	0.2	718	<0.05	<0.05	0.9	0.028	0.18
Q013864		260	0.6	2.0	0.011	0.25	0.48	3.6	5	<0.2	556	<0.05	<0.05	0.4	0.007	0.06
Q013865		2020	2.0	7.0	0.008	0.33	0.82	3.1	5	<0.2	601	0.06	<0.05	0.8	0.027	0.14
Q013866		2130	10.0	59.7	0.045	0.30	3.52	8.1	37	1.0	298	0.40	0.21	5.3	0.187	0.75
Q013867		340	4.4	15.6	0.010	0.16	2.79	1.6	6	0.4	67.8	0.09	0.08	1.0	0.048	0.61
Q013868		860	8.4	63.0	0.020	0.11	3.13	7.8	5	1.1	173.5	0.32	0.09	4.8	0.189	4.05
Q013869		430	1.1	3.9	0.008	0.41	0.66	5.1	4	<0.2	1520	<0.05	<0.05	0.7	0.014	0.34
Q013870		750	5.5	45.4	0.010	0.23	5.50	8.0	3	0.9	158.5	0.25	0.06	3.4	0.150	2.93
Q013850		>10000	1330	18.8	0.012	0.18	15.90	9.5	2	0.5	322	0.16	0.10	2.9	0.072	12.05
Q013901		310	7.2	23.7	0.005	0.30	0.91	2.3	1	0.3	416	0.10	0.05	1.3	0.053	0.26
Q013902		670	17.4	113.0	0.002	0.02	3.84	8.6	2	1.5	195.0	0.54	<0.05	6.7	0.273	1.27
Q013903		310	2.7	25.4	0.005	0.28	0.85	2.4	1	0.3	424	0.10	0.06	1.4	0.053	0.21
Q013904		700	31.3	121.5	0.002	0.02	10.25	10.5	4	1.8	154.5	0.64	0.10	8.5	0.306	2.06
Q013905		1350	46.9	140.5	0.004	0.02	48.7	11.9	59	2.6	97.6	0.92	0.16	9.4	0.443	9.50
Q013906		1390	14.5	81.0	0.003	0.03	10.15	7.3	15	1.1	280	0.41	0.09	5.7	0.218	3.57

Comments: ***Corrected copy with sample ID Q130139505 corrected to Q013905 for sample #77***

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

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

Finalized Date: 19-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090536

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	As	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
Q013877		2.0	16	<0.1	3.1	31	1.9		
Q013878		2.2	25	<0.1	4.2	35	1.7		
Q013879		4.8	202	3.2	16.3	291	64.0		
Q013880		6.5	248	1.4	27.5	495	51.8		
Q013881		6.1	301	1.9	28.2	449	67.7		
Q013882		4.5	257	3.3	17.3	369	66.5		
Q013883		3.1	135	1.7	12.8	265	38.3		
Q013884		2.7	76	1.0	16.6	310	19.7		
Q013885		6.5	513	2.8	13.5	66	72.8		
Q013886		1.8	18	0.3	11.5	319	2.8		
Q013887		6.5	496	4.1	18.4	343	81.8		
Q013888		4.2	90	0.7	12.1	549	13.8		
Q013889		5.6	802	0.9	12.5	158	70.0		
Q013890		13.2	926	2.1	17.1	429	26.8		
Q013891		3.9	45	0.7	16.2	1180	9.7		
Q013892		1.1	19	0.2	2.5	70	2.3		
Q013893		81.4	164	0.8	56.7	3190	37.4	2.38	
Q013857		2.1	27	0.1	16.5	46	15.9		
Q013858		3.4	55	0.1	13.2	57	20.7		
Q013859		2.4	105	0.2	16.8	149	36.3		
Q013860		2.1	68	0.2	8.5	28	15.5		
Q013861		5.4	143	0.3	20.9	25	48.4		
Q013862		29.2	320	1.2	82.7	920	56.4		
Q013863		2.4	80	0.2	19.3	507	26.7		
Q013864		2.0	28	<0.1	23.0	127	13.4		
Q013865		2.5	52	0.1	17.5	163	17.4		
Q013866		7.6	298	1.3	29.4	343	52.5		
Q013867		1.2	156	0.2	3.0	16	14.2		
Q013868		3.6	153	1.9	18.6	126	54.2		
Q013869		3.7	88	0.1	23.6	40	56.4		
Q013870		3.9	120	2.5	28.0	329	37.4		
Q013850		138.5	724	1.5	46.0	511	28.9	5.72	
Q013901		2.1	24	0.2	10.3	35	12.3		
Q013902		4.2	145	0.9	18.6	212	66.0		
Q013903		1.7	22	0.2	10.8	28	13.7		
Q013904		5.8	591	1.0	24.8	636	78.9		
Q013905		8.0	1770	1.8	39.5	2940	111.0		
Q013906		8.4	875	0.7	46.3	1480	54.0		

Comments: ***Corrected copy with sample ID Q130139505 corrected to Q013905 for sample #77***

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

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

Finalized Date: 19-JUN-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090536

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA26	Ba-XRF10	Hg-CV41
ME-MS61	ME-OG62	ME-XRF10	OA-GRA06

ALS Canada Ltd.

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

Finalized Date: 8-JUL-2014
Account: RCM

CERTIFICATE WH14094979

Project: NADALEEN

P.O. No.: R14-003

This report is for 83 Rock samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

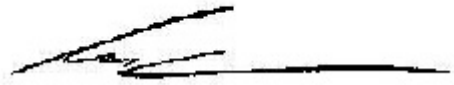
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Finalized Date: 8-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013848		0.23	0.33	>100	1.12	3280	3760	2.53	0.08	5.05	966	13.65	46.3	38	7.90	82.1
Q013849		0.31	0.01	2.71	0.14	104.5	150	0.32	0.02	35.3	16.20	2.03	0.5	3	0.42	4.2
Q013894		0.36	<0.01	0.19	1.01	299	450	0.45	0.04	33.8	2.23	9.67	1.2	12	1.99	5.1
Q013895		0.90	<0.01	0.06	0.08	295	310	0.46	0.01	36.1	2.75	1.26	0.8	4	0.30	9.0
Q013896		0.36	<0.01	0.08	0.13	845	220	0.57	0.02	34.6	1.99	2.50	9.6	4	0.40	6.9
Q013897		0.46	<0.01	0.06	0.05	69.1	150	0.28	0.01	36.4	0.99	0.60	0.5	2	0.09	3.2
Q013898		0.52	<0.01	0.08	0.35	233	100	0.49	0.03	35.2	1.45	4.78	0.8	6	0.81	7.2
Q013899		0.32	<0.01	0.03	2.05	13.4	590	0.45	0.08	9.49	0.80	24.6	7.7	18	0.94	27.1
Q013900		0.39	<0.01	0.03	0.04	27.6	90	0.14	0.01	36.2	0.76	1.31	0.5	4	0.05	2.1
Q012951		0.28	<0.01	0.05	0.08	146.5	90	0.13	0.01	34.7	0.51	3.81	0.4	5	0.14	2.3
Q012952		0.62	<0.01	0.17	0.13	47.8	70	0.18	0.01	34.8	0.20	1.92	0.4	3	0.26	1.4
Q012953		0.47	0.05	0.74	0.33	96.6	120	0.42	0.02	34.9	2.83	5.01	1.3	4	0.70	3.8
Q012954		0.88	<0.01	0.53	0.83	>10000	760	18.60	0.02	0.45	19.90	18.80	97.5	17	1.60	209
Q012955		0.41	<0.01	0.32	0.12	787	50	0.80	0.01	34.8	3.13	2.21	0.7	2	0.23	4.1
Q012956		0.50	<0.01	0.14	0.13	85.9	130	0.23	0.02	36.7	3.67	2.06	0.5	3	0.26	3.9
Q012957		0.38	<0.01	0.08	0.10	21.6	80	0.26	0.01	34.8	1.71	4.05	0.3	13	0.19	1.6
Q012958		0.27	0.01	1.55	2.18	>10000	870	4.25	0.11	1.40	8.43	27.1	6.2	60	13.35	31.7
Q012959		0.26	<0.01	0.07	0.41	193.0	160	0.25	0.02	34.2	0.52	9.32	0.7	6	1.26	1.7
Q012960		0.82	0.01	1.90	5.31	52.4	1360	1.16	0.22	0.16	0.19	57.0	1.0	105	14.60	17.4
Q012961		0.57	<0.01	2.96	3.48	1145	1210	2.87	0.12	0.52	6.78	34.6	14.7	137	10.55	263
Q012962		0.88	<0.01	0.11	0.36	216	310	0.79	0.01	34.6	21.6	4.15	2.8	5	1.55	26.3
Q012963		0.29	0.02	0.09	0.14	31.4	80	0.20	0.01	34.6	1.78	2.25	0.5	4	0.58	2.6
Q012964		0.23	<0.01	5.62	0.19	2590	300	0.45	0.02	0.36	1.48	3.24	0.5	63	0.39	123.5
Q012965		0.34	0.03	0.23	0.13	124.0	40	0.13	0.01	35.6	0.93	1.01	0.5	4	0.25	2.3
Q012966		0.31	<0.01	0.11	0.36	260	160	0.13	0.03	35.2	0.40	3.64	0.9	6	0.72	4.4
Q012967		0.64	0.03	0.99	9.47	>10000	1710	11.80	0.03	0.66	118.5	6.34	43.9	18	1.53	41.3
Q012968		0.51	<0.01	0.09	0.54	>10000	620	0.89	0.01	1.40	45.2	4.81	14.7	48	0.93	7.4
Q012969		0.11	0.13	5.63	0.35	442	100	0.38	0.02	34.9	28.7	2.32	1.1	3	0.30	2.4
Q012970		0.50	<0.01	0.31	0.23	647	50	0.41	0.01	34.0	18.30	3.61	42.2	3	0.72	8.4
Q012971		0.18	0.01	0.09	0.12	72.2	50	0.19	0.01	37.0	0.60	1.36	0.6	2	0.27	1.6
Q012972		0.16	0.25	1.11	0.70	77.9	590	0.54	0.01	30.6	4.84	6.10	1.8	6	0.72	3.6
Q012973		0.35	0.02	0.62	1.18	>10000	670	5.56	0.05	0.45	8.48	14.85	313	22	5.21	67.6
Q012974		0.24	0.01	1.13	0.80	>10000	780	4.35	0.06	0.60	12.90	9.40	31.8	11	2.69	9.2
Q012975		0.17	<0.01	0.06	0.54	1475	1070	0.56	0.02	33.4	0.60	5.53	2.2	6	0.62	2.9
Q012976		0.29	<0.01	0.01	0.03	358	570	0.32	0.01	37.7	2.21	2.98	5.6	3	0.05	1.3
Q012977		0.12	<0.01	0.07	0.16	199.0	50	0.19	0.01	33.8	9.01	3.02	1.4	3	0.34	2.1
Q012978		0.19	0.01	0.12	0.08	140.5	100	0.39	0.01	36.7	8.03	4.29	0.7	7	0.13	8.0
Q012979		0.23	<0.01	0.13	0.63	411	140	0.91	0.03	34.2	3.71	7.07	1.9	9	0.49	4.3
Q012980		0.28	0.05	>100	0.42	2390	50	0.21	0.02	1.34	>1000	4.29	6.2	7	0.54	206
Q012981		0.42	0.01	1.30	1.03	11.6	800	0.55	0.02	2.52	4.06	12.00	2.5	25	1.85	11.4

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

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

Finalized Date: 8-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013848		17.35	6.30	0.18	0.6	81.3	0.027	0.20	10.3	6.4	0.14	873	40.3	<0.01	2.2	812
Q013849		0.18	0.41	0.09	0.1	1.33	<0.005	0.05	1.1	1.2	0.17	63	0.85	0.01	0.3	4.8
Q013894		0.78	2.17	0.10	0.4	0.37	0.011	0.44	4.6	4.8	0.35	90	1.53	0.02	2.0	12.6
Q013895		1.03	0.21	0.11	<0.1	0.09	<0.005	0.03	0.9	0.5	0.15	188	1.07	<0.01	0.1	39.7
Q013896		2.64	0.38	0.27	0.1	0.95	<0.005	0.05	1.8	0.8	0.14	259	3.17	<0.01	0.2	158.5
Q013897		0.15	0.14	0.09	<0.1	0.18	<0.005	0.02	<0.5	0.7	0.20	107	0.43	<0.01	0.1	4.6
Q013898		0.42	0.88	0.11	0.2	0.18	<0.005	0.16	2.7	2.1	0.24	155	1.51	0.01	0.8	14.1
Q013899		2.99	6.05	0.13	1.0	0.03	0.023	0.57	11.3	22.5	1.44	1920	0.16	0.13	3.3	16.8
Q013900		0.07	0.14	0.09	<0.1	0.06	<0.005	0.01	2.4	0.5	0.23	124	0.11	<0.01	0.1	2.0
Q012951		0.22	0.31	0.10	<0.1	0.09	<0.005	0.03	7.3	0.7	1.18	63	0.34	<0.01	0.1	2.6
Q012952		0.06	0.40	0.09	<0.1	0.16	<0.005	0.06	1.1	0.8	1.03	150	0.07	<0.01	0.2	0.2
Q012953		0.23	0.90	0.10	0.1	0.31	<0.005	0.16	2.7	1.5	0.64	143	0.25	0.01	0.4	5.1
Q012954		48.1	1.55	2.67	0.4	0.70	0.008	0.18	13.9	2.8	0.07	515	33.5	0.01	0.6	1475
Q012955		1.58	0.35	0.09	0.1	0.20	<0.005	0.05	1.6	0.7	0.10	432	1.37	<0.01	0.2	7.2
Q012956		0.19	0.34	0.09	0.1	0.06	<0.005	0.05	1.3	1.0	0.15	130	0.14	<0.01	0.2	3.6
Q012957		0.09	0.33	0.10	0.1	0.06	<0.005	0.04	5.8	0.5	1.15	191	0.08	<0.01	0.1	5.5
Q012958		37.9	6.01	0.57	1.0	1.03	0.023	0.81	21.4	8.3	0.17	473	15.05	0.03	3.6	109.5
Q012959		0.41	0.91	0.09	0.1	0.22	<0.005	0.17	5.3	1.6	0.18	93	1.07	0.01	0.6	5.2
Q012960		1.10	14.85	0.16	2.5	0.56	0.034	2.03	35.4	9.7	0.25	18	2.70	0.04	9.7	14.7
Q012961		9.52	8.59	0.16	1.5	0.22	0.090	1.06	24.1	9.3	0.14	194	13.80	0.02	5.3	255
Q012962		1.11	0.62	0.10	0.1	0.19	<0.005	0.08	2.7	1.5	0.16	265	1.32	0.01	0.4	80.0
Q012963		0.15	0.37	0.09	0.1	0.06	<0.005	0.05	2.6	1.3	1.21	195	0.11	<0.01	0.1	4.5
Q012964		6.87	2.66	0.11	0.2	1.06	0.031	0.70	4.7	20.8	0.01	41	12.45	0.01	0.4	6.7
Q012965		0.15	0.48	0.09	0.1	0.61	<0.005	0.06	0.8	0.9	0.12	723	0.85	<0.01	0.3	2.1
Q012966		0.35	0.96	0.09	0.3	0.20	0.005	0.12	4.1	1.6	0.12	490	2.64	<0.01	0.8	8.8
Q012967		31.2	1.74	0.26	0.3	2.61	0.011	0.19	5.0	14.4	0.06	295	20.4	0.01	0.8	3970
Q012968		>50	25.4	1.99	0.1	25.1	0.013	0.26	4.1	3.3	0.03	381	36.2	0.02	0.1	398
Q012969		0.63	0.65	0.08	0.1	7.47	<0.005	0.09	1.7	1.3	0.16	411	0.61	<0.01	0.3	43.9
Q012970		2.18	0.62	0.09	0.1	0.33	<0.005	0.10	2.0	1.3	1.04	757	3.22	<0.01	0.3	165.5
Q012971		0.12	0.27	0.09	<0.1	0.08	<0.005	0.05	0.8	0.7	0.14	42	0.12	<0.01	0.2	5.2
Q012972		0.25	1.02	0.09	0.2	0.38	0.005	0.14	4.9	3.3	3.95	518	0.16	<0.01	0.6	7.0
Q012973		48.4	4.02	0.99	0.4	2.10	0.010	0.39	11.8	4.3	0.10	455	23.6	0.02	1.4	4420
Q012974		49.2	2.29	0.73	0.3	14.8	0.008	0.28	5.3	2.8	0.07	188	60.9	0.01	0.9	959
Q012975		1.70	1.47	0.09	0.3	0.25	0.006	0.27	2.9	2.0	0.15	570	2.47	<0.01	0.8	31.9
Q012976		0.94	0.12	0.10	<0.1	0.75	<0.005	0.01	3.9	0.4	0.13	282	0.73	<0.01	<0.1	14.0
Q012977		0.32	0.44	0.09	0.1	0.08	<0.005	0.06	1.9	1.4	0.13	75	0.31	0.01	0.2	33.1
Q012978		0.29	0.28	0.09	<0.1	0.30	0.005	0.02	7.3	0.5	0.15	346	2.17	<0.01	0.1	6.2
Q012979		0.67	1.58	0.11	0.3	0.55	0.007	0.24	4.9	1.6	0.12	471	1.87	<0.01	1.2	24.0
Q012980		2.95	5.81	0.14	0.1	>100	0.011	0.15	2.5	6.1	0.08	450	10.40	<0.01	0.6	46.1
Q012981		1.60	3.73	0.09	0.5	1.60	0.013	0.32	4.5	6.2	1.06	275	0.91	0.10	4.4	35.1

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Finalized Date: 8-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q013848		1620	>10000	10.6	<0.002	0.08	535	10.2	23	0.9	494	0.14	0.06	1.5	0.049	2.24
Q013849		30	277	2.3	<0.002	0.01	8.17	0.8	1	<0.2	315	<0.05	<0.05	0.2	0.008	0.10
Q013894		240	21.3	16.9	<0.002	0.01	2.33	2.7	1	0.2	335	0.12	<0.05	1.2	0.055	0.09
Q013895		40	3.4	1.2	<0.002	0.01	3.58	2.1	7	<0.2	423	<0.05	<0.05	<0.2	<0.005	0.16
Q013896		110	5.5	2.0	<0.002	0.03	5.14	2.9	74	<0.2	330	<0.05	<0.05	0.2	0.007	1.40
Q013897		20	2.5	0.8	<0.002	0.01	0.71	0.3	1	<0.2	394	<0.05	<0.05	<0.2	<0.005	0.03
Q013898		50	6.8	6.7	<0.002	0.03	2.61	1.6	2	<0.2	252	0.05	<0.05	0.5	0.022	0.16
Q013899		180	4.8	25.5	<0.002	0.05	0.26	7.2	1	0.6	149.5	0.23	<0.05	2.1	0.153	0.14
Q013900		60	1.8	0.6	<0.002	<0.01	0.28	3.6	1	<0.2	202	<0.05	<0.05	<0.2	<0.005	<0.02
Q012951		160	1.4	1.4	<0.002	0.01	0.91	0.6	<1	<0.2	213	<0.05	<0.05	0.2	<0.005	0.02
Q012952		30	5.9	2.4	<0.002	0.01	0.60	0.3	<1	<0.2	123.5	<0.05	<0.05	0.2	0.006	0.03
Q012953		60	21.2	5.9	<0.002	0.01	0.49	1.4	<1	<0.2	187.0	<0.05	<0.05	0.5	0.014	0.11
Q012954		820	9.3	7.8	0.003	0.01	40.4	10.1	41	0.2	33.9	0.10	<0.05	0.6	0.017	2.02
Q012955		80	3.2	2.1	<0.002	0.01	6.99	2.0	<1	<0.2	52.2	<0.05	<0.05	0.2	0.005	0.08
Q012956		70	6.9	2.0	<0.002	0.01	0.25	2.5	1	<0.2	94.5	<0.05	<0.05	0.3	0.005	0.04
Q012957		660	4.8	1.6	<0.002	0.01	0.09	2.5	1	<0.2	228	<0.05	<0.05	0.3	<0.005	0.11
Q012958		680	13.6	38.7	0.003	0.03	14.95	12.8	3	0.7	150.5	0.24	<0.05	3.2	0.105	0.85
Q012959		70	1.5	6.7	<0.002	0.01	0.45	2.5	1	<0.2	179.5	<0.05	<0.05	0.9	0.018	0.07
Q012960		320	34.5	101.0	0.010	0.09	3.34	8.8	2	1.6	121.0	0.64	0.10	7.6	0.330	0.71
Q012961		3010	239	52.8	0.005	0.19	7.47	17.9	7	0.8	766	0.36	0.06	5.2	0.141	1.01
Q012962		80	13.7	3.9	<0.002	0.02	0.28	3.1	1	<0.2	165.5	<0.05	<0.05	0.3	0.011	0.11
Q012963		70	5.8	2.5	<0.002	0.01	0.12	1.9	<1	<0.2	185.5	<0.05	<0.05	0.2	<0.005	0.13
Q012964		330	23.5	22.5	<0.002	1.37	5.87	1.2	5	<0.2	79.5	<0.05	<0.05	0.2	0.010	9.45
Q012965		30	6.0	2.4	0.002	0.02	0.43	10.6	1	<0.2	119.5	<0.05	<0.05	0.2	0.008	0.32
Q012966		130	6.3	4.9	<0.002	0.01	1.18	3.3	2	<0.2	141.5	0.05	<0.05	0.4	0.022	0.11
Q012967		920	39.8	5.5	<0.002	0.14	9.43	6.3	39	0.4	155.0	0.07	<0.05	0.4	0.024	0.63
Q012968		720	1.0	82.7	<0.002	0.67	2.79	8.5	14	<0.2	419	<0.05	<0.05	1.4	0.005	24.8
Q012969		110	191.5	3.7	<0.002	0.01	2.39	0.7	1	0.4	204	<0.05	<0.05	0.3	0.009	0.28
Q012970		250	14.7	3.8	<0.002	0.01	1.11	0.8	1	<0.2	136.0	<0.05	<0.05	0.3	0.009	0.16
Q012971		40	1.8	1.9	<0.002	<0.01	0.20	0.2	<1	<0.2	97.1	<0.05	<0.05	0.2	0.005	0.06
Q012972		460	71.5	5.1	<0.002	<0.01	0.28	1.6	1	<0.2	175.5	<0.05	<0.05	0.7	0.019	0.13
Q012973		550	58.0	17.6	<0.002	0.02	7.38	3.4	72	0.3	40.7	0.09	<0.05	1.5	0.039	2.07
Q012974		640	16.1	11.7	<0.002	0.15	8.03	2.7	5	0.2	39.1	0.06	<0.05	1.0	0.028	0.79
Q012975		260	2.4	9.5	<0.002	0.12	0.94	2.0	<1	0.2	51.1	0.05	<0.05	0.8	0.027	0.20
Q012976		90	0.6	0.3	<0.002	0.03	0.44	1.1	2	<0.2	220	<0.05	<0.05	<0.2	<0.005	0.27
Q012977		90	7.6	2.5	<0.002	<0.01	0.92	1.2	<1	<0.2	112.0	<0.05	<0.05	0.3	0.007	0.06
Q012978		7310	5.9	1.0	<0.002	<0.01	0.50	0.5	1	<0.2	202	<0.05	<0.05	<0.2	<0.005	0.05
Q012979		390	14.6	8.9	<0.002	0.01	1.26	3.7	1	0.2	76.0	0.08	<0.05	1.0	0.035	0.36
Q012980		2620	3480	6.4	0.002	0.09	82.3	1.5	42	0.3	13.9	<0.05	<0.05	1.0	0.016	4.36
Q012981		300	4.8	19.0	<0.002	0.16	1.06	13.3	1	0.4	478	0.26	<0.05	1.2	0.061	0.31

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Finalized Date: 8-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 1
Q013848		4.6	192	4.4	86.2	>10000	31.7	117	1.355	13.80		
Q013849		1.5	16	0.4	5.4	324	3.1					
Q013894		3.7	55	0.6	9.8	344	15.9					
Q013895		4.0	46	0.6	9.2	170	3.2					
Q013896		6.1	90	0.8	12.7	313	4.3					
Q013897		1.2	13	0.3	4.3	57	1.1					
Q013898		4.2	45	0.7	9.5	152	8.0					
Q013899		0.6	57	0.3	14.2	45	35.8					
Q013900		3.5	30	0.1	19.9	28	3.1					
Q012951		3.8	21	0.2	10.3	29	1.8					
Q012952		0.3	2	0.2	2.1	29	2.2					
Q012953		0.6	9	0.7	7.1	83	5.4					
Q012954		4.1	959	16.7	>500	>10000	10.8			3.11	1.575	
Q012955		1.9	14	0.4	12.8	241	4.4					
Q012956		0.3	11	0.3	11.0	71	3.1					
Q012957		11.8	35	0.3	16.9	78	3.7					
Q012958		5.6	196	2.0	59.0	2230	40.7				2.75	
Q012959		1.4	13	0.2	12.9	36	5.5					
Q012960		4.0	226	2.1	17.2	69	91.7					
Q012961		11.4	309	2.0	49.0	1320	65.5					
Q012962		3.2	16	0.2	28.6	941	4.2					
Q012963		2.4	17	0.1	8.2	83	3.1					
Q012964		0.8	332	0.9	2.5	91	8.3					
Q012965		3.3	52	0.3	38.5	60	8.1					
Q012966		3.7	65	0.3	40.3	55	19.3					
Q012967		12.1	96	1.4	151.0	>10000	16.5			1.105	1.605	
Q012968		6.1	247	0.1	18.8	2240	8.2				4.78	
Q012969		1.3	8	0.6	8.6	265	3.0					
Q012970		0.8	12	0.5	8.4	606	5.0					
Q012971		0.3	2	0.2	1.6	33	1.7					
Q012972		1.8	24	0.9	6.5	140	7.6					
Q012973		3.2	153	1.7	36.1	>10000	16.0			1.395	1.175	
Q012974		4.1	74	1.3	73.0	>10000	10.3			1.235	2.17	
Q012975		7.1	16	0.8	7.7	167	8.6					
Q012976		3.4	8	0.1	10.8	403	1.5					
Q012977		0.8	8	0.5	8.0	146	2.7					
Q012978		59.9	36	1.3	27.2	115	1.6					
Q012979		5.7	68	1.9	25.2	256	11.4					
Q012980		6.5	21	1.5	5.9	>10000	5.8	408		26.3		894
Q012981		2.7	121	0.3	23.6	774	29.6					

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Finalized Date: 8-JUL-2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012982		0.77	0.01	6.80	2.28	42.7	1740	0.93	0.09	0.05	14.00	27.1	0.9	91	3.80	15.6
Q012983		0.62	0.02	2.20	1.84	17.8	1050	0.67	0.08	0.04	0.32	20.3	0.9	69	2.77	20.7
Q012984		0.63	<0.01	1.85	2.19	15.2	1280	1.02	0.08	0.09	1.16	23.4	2.2	82	3.64	35.1
Q012985		0.26	<0.01	1.66	2.07	76.8	100	0.89	0.08	0.02	0.34	25.4	3.0	66	3.18	28.2
Q012986		0.25	0.01	1.48	2.07	52.0	220	0.76	0.08	0.03	0.48	20.4	2.9	62	3.51	24.0
Q012987		0.25	0.01	1.20	2.67	54.0	1000	0.94	0.11	0.02	0.18	30.1	4.2	80	4.59	37.0
Q012988		0.25	<0.01	0.38	0.51	3.0	700	0.10	0.02	0.01	0.52	4.89	1.4	21	0.43	9.0
Q012989		0.27	<0.01	1.40	2.40	12.6	1070	1.01	0.08	0.02	0.15	34.7	0.7	66	3.69	39.1
N830855		0.74	0.01	0.44	0.13	107.5	170	0.30	0.01	37.2	3.13	1.29	1.3	4	0.42	6.9
N830856		0.50	0.05	5.68	4.57	853	1750	1.51	0.20	0.08	2.80	55.9	3.3	125	21.4	33.7
N830857		0.18	<0.01	4.26	2.52	354	1620	0.59	0.15	0.12	1.12	31.0	2.7	80	11.25	16.0
N830858		0.39	<0.01	3.40	3.64	135.0	1920	1.17	0.16	0.18	0.70	37.7	2.9	142	10.70	37.3
N830859		0.41	<0.01	1.49	4.14	108.5	640	1.12	0.21	0.11	0.29	46.0	2.1	113	21.2	21.1
N830860		0.38	<0.01	0.79	1.88	400	2140	1.26	0.08	0.15	2.17	23.0	15.2	66	5.87	128.0
N830861		0.35	<0.01	1.43	4.39	407	2180	1.77	0.20	0.17	2.49	39.1	6.6	154	18.10	152.0
N830862		0.40	0.01	1.33	4.51	662	3440	1.44	0.18	0.26	7.28	41.1	13.0	215	11.90	197.5
N830863		0.54	<0.01	1.77	3.43	175.5	1370	0.75	0.13	0.25	3.54	19.65	3.1	166	10.50	83.4
N830864		0.54	<0.01	1.19	2.57	1075	3980	1.46	0.08	1.23	8.72	17.20	28.6	118	2.82	169.0
N830865		0.36	0.01	0.51	0.07	5080	170	0.50	<0.01	33.1	5.00	2.14	1.7	3	0.26	3.2
N830866		0.20	<0.01	0.53	2.26	>10000	3980	21.3	0.02	0.53	36.8	11.90	63.9	21	1.11	80.3
N830867		0.30	<0.01	1.31	4.00	>10000	620	8.65	0.21	1.34	16.65	31.5	17.9	67	16.75	67.9
N830868		0.64	<0.01	0.04	0.08	512	90	0.35	0.01	36.1	1.48	1.80	0.6	3	0.20	2.5
N830869		0.43	<0.01	0.21	0.40	589	240	0.69	0.02	34.3	1.53	1.98	0.8	9	1.25	4.8
N830870		0.32	<0.01	1.33	2.31	3260	1520	3.81	0.17	0.29	2.35	36.7	2.5	120	3.80	213
N830871		0.41	<0.01	0.15	0.08	2430	100	1.20	<0.01	29.8	2.92	1.94	6.9	4	0.27	7.8
N830872		0.38	<0.01	1.03	5.89	65.2	5170	2.26	0.24	0.23	3.52	59.3	9.9	122	11.55	191.0
N830873		0.87	0.02	0.07	0.22	152.0	130	0.47	0.01	34.4	0.46	1.97	0.5	6	0.62	4.5
N830874		0.53	0.01	2.31	2.56	4420	1820	0.99	0.14	0.34	4.06	30.2	1.3	270	5.75	196.0
N830875		0.57	<0.01	0.44	0.47	>10000	1600	0.88	0.01	0.56	41.5	4.03	20.2	16	1.30	12.6
N830876		0.65	<0.01	0.16	0.44	>10000	250	1.80	0.01	9.02	15.30	4.15	47.5	12	1.08	4.9
N830877		0.84	<0.01	0.40	0.80	>10000	1050	2.95	0.02	0.85	59.6	7.13	33.4	32	2.59	25.3
N830878		0.37	<0.01	0.27	0.30	9050	160	3.14	0.01	0.35	4.43	7.78	235	7	1.46	17.6
N830879		0.56	0.01	0.23	0.74	9800	440	2.62	0.02	0.28	5.10	6.82	235	10	2.59	27.1
N830880		0.30	<0.01	0.04	0.13	1605	370	0.66	0.01	35.7	0.51	1.46	4.4	2	0.27	1.7
N830881		0.13	<0.01	0.06	0.42	431	90	0.67	0.02	33.3	4.86	5.04	4.4	3	0.97	2.7
N830882		0.49	<0.01	0.08	0.08	94.9	150	0.20	0.01	35.5	1.07	4.51	0.6	5	0.13	1.8
N830883		0.35	<0.01	0.23	0.32	63.6	1010	0.16	0.02	0.15	0.24	1.60	0.4	6	0.83	5.0
N830884		0.37	<0.01	0.12	0.55	15.3	1740	0.18	0.03	0.13	0.11	1.30	0.5	6	0.83	6.7
N830885		0.07	0.01	3.21	2.93	6520	1500	0.91	0.10	0.24	4.75	30.1	1.7	48	2.29	100.0
N830887		0.40	<0.01	0.08	4.94	23.7	2370	1.32	0.19	0.59	0.22	50.8	17.5	63	3.47	41.4

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

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

Finalized Date: 8-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012982		1.98	7.90	0.12	1.4	12.2	0.017	1.03	15.7	19.6	0.20	24	7.67	0.09	7.3	22.0
Q012983		2.83	6.26	0.12	1.0	0.41	0.016	0.87	10.9	21.5	0.16	37	5.92	0.05	5.3	15.9
Q012984		1.74	7.38	0.11	1.2	1.57	0.021	0.87	14.0	21.0	0.17	28	5.28	0.18	6.6	29.8
Q012985		9.34	6.38	0.12	1.0	0.40	0.021	0.81	11.6	18.1	0.16	342	6.16	0.23	5.3	33.5
Q012986		2.53	6.87	0.11	0.9	0.88	0.021	0.88	10.7	19.6	0.17	32	7.80	0.14	5.1	32.0
Q012987		3.99	8.51	0.11	1.3	0.26	0.027	1.16	15.8	13.0	0.21	86	7.98	0.23	7.1	45.1
Q012988		0.64	1.13	0.07	0.2	0.89	0.006	0.15	2.4	12.0	0.03	40	0.51	0.05	1.2	9.0
Q012989		1.47	7.73	0.11	1.2	0.15	0.020	0.93	18.2	11.8	0.14	28	4.45	0.18	10.8	10.4
N830855		0.32	0.44	0.07	0.1	0.52	<0.005	0.04	0.7	0.8	0.19	67	0.55	<0.01	0.2	24.2
N830856		4.62	14.85	0.16	2.5	2.00	0.054	1.99	31.7	18.5	0.22	25	25.8	0.02	17.3	67.9
N830857		3.35	7.90	0.13	1.4	0.90	0.029	1.00	17.7	37.4	0.09	37	33.0	0.02	9.2	41.7
N830858		1.87	11.05	0.11	1.8	0.68	0.041	1.30	24.6	23.2	0.15	25	12.95	0.03	7.3	60.7
N830859		2.34	13.30	0.12	2.1	1.16	0.051	1.50	28.5	10.6	0.20	21	8.89	0.04	8.9	31.8
N830860		5.96	5.00	0.15	0.8	0.58	0.060	0.61	12.6	8.3	0.08	119	12.00	0.02	2.7	231
N830861		5.01	12.05	0.13	1.8	0.42	0.081	1.53	30.3	16.8	0.20	75	7.91	0.04	7.0	174.0
N830862		10.35	11.90	0.17	1.6	1.56	0.072	1.43	26.7	28.6	0.16	112	37.5	0.03	5.9	310
N830863		3.51	8.78	0.12	1.3	1.37	0.056	1.13	16.4	14.8	0.15	39	7.17	0.02	4.4	79.2
N830864		9.51	5.22	0.11	1.2	0.72	0.093	0.54	12.8	6.2	0.06	203	45.4	<0.01	2.7	597
N830865		5.48	0.25	0.06	<0.1	3.90	<0.005	0.02	1.3	0.5	0.08	683	4.00	<0.01	0.1	19.6
N830866		47.1	1.19	1.53	0.3	0.89	0.008	0.05	14.5	5.6	0.06	280	26.0	<0.01	0.3	1995
N830867		35.7	12.20	1.27	2.3	0.90	0.031	1.77	17.8	18.0	0.30	338	50.6	0.04	6.8	490
N830868		0.92	0.22	0.05	<0.1	0.05	<0.005	0.03	1.8	0.5	0.13	182	1.07	<0.01	0.1	8.2
N830869		0.74	1.25	0.07	0.2	0.25	<0.005	0.18	1.2	1.6	0.92	816	0.77	<0.01	0.8	10.8
N830870		14.75	11.60	0.13	1.7	1.01	0.026	0.73	24.3	6.4	0.10	90	23.8	0.02	6.1	66.8
N830871		9.41	0.32	0.09	0.1	0.66	<0.005	0.02	2.2	0.8	0.09	361	4.10	<0.01	0.1	183.0
N830872		3.62	16.00	0.18	2.5	0.16	0.069	2.06	34.9	21.3	0.27	42	8.45	0.03	10.8	111.5
N830873		0.26	0.59	0.05	0.1	0.09	<0.005	0.09	1.1	0.9	1.22	509	0.29	<0.01	0.4	6.7
N830874		10.85	10.80	0.12	1.3	0.90	0.052	1.00	22.8	8.6	0.12	101	17.95	0.02	4.8	27.7
N830875		>50	2.20	0.50	0.1	6.41	0.009	0.10	3.2	2.6	0.03	201	24.5	0.01	0.4	331
N830876		41.0	2.08	0.56	0.1	0.74	0.007	0.07	4.1	1.4	0.09	619	13.70	<0.01	0.3	1685
N830877		>50	6.17	1.11	0.3	7.45	0.012	0.19	5.3	3.1	0.05	386	34.5	0.01	0.7	737
N830878		>50	0.90	0.82	0.1	3.19	0.005	0.08	6.7	1.3	0.04	367	14.90	0.01	0.3	2250
N830879		>50	2.78	0.93	0.2	7.36	0.005	0.20	4.2	2.2	0.06	624	27.1	0.01	0.7	4200
N830880		1.37	0.35	0.09	0.1	0.84	<0.005	0.05	0.9	0.7	0.10	920	1.43	<0.01	0.2	26.2
N830881		0.80	1.10	0.10	0.1	0.46	0.006	0.15	2.6	2.1	0.63	470	0.91	0.01	0.5	48.0
N830882		0.14	0.29	0.10	<0.1	0.19	<0.005	0.03	6.2	0.5	0.16	43	0.33	<0.01	0.1	5.0
N830883		0.57	0.97	0.10	0.1	0.09	<0.005	0.12	1.2	0.9	0.02	<5	25.8	0.01	0.5	7.2
N830884		0.39	1.14	0.10	0.2	0.03	0.005	0.16	1.2	2.0	0.03	6	3.34	0.01	0.7	19.5
N830885		2.27	8.18	0.13	1.2	50.2	0.249	1.15	15.0	54.5	0.11	55	2.54	0.02	7.5	19.4
N830887		3.87	13.00	0.13	2.4	0.13	0.052	1.67	21.5	44.2	1.17	323	0.31	0.47	8.0	30.1

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 8-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q012982		1030	48.9	49.7	0.005	0.34	9.78	4.2	10	0.8	103.0	0.48	0.08	2.8	0.145	0.88
Q012983		630	14.0	41.8	0.003	0.37	8.23	3.5	11	0.7	125.0	0.33	0.09	2.0	0.109	0.86
Q012984		970	10.0	44.3	0.005	0.35	4.44	4.3	6	0.7	79.7	0.43	0.07	2.7	0.126	0.52
Q012985		940	28.3	39.7	0.002	1.35	16.25	8.2	18	0.6	72.2	0.34	0.07	2.3	0.113	1.87
Q012986		480	28.3	43.5	0.003	0.93	10.45	4.4	9	0.7	62.2	0.33	0.06	2.6	0.111	0.52
Q012987		640	32.4	55.4	0.005	0.46	10.65	6.1	9	0.9	79.3	0.45	0.11	3.7	0.158	0.71
Q012988		310	3.8	6.7	<0.002	0.01	0.50	1.0	1	0.2	73.6	0.07	<0.05	0.7	0.029	0.07
Q012989		240	6.7	42.7	0.002	0.24	3.24	3.8	5	0.9	114.0	0.67	0.07	4.3	0.155	0.41
N830855		50	12.1	1.9	<0.002	0.01	1.26	0.7	1	<0.2	304	<0.05	<0.05	0.2	0.006	0.04
N830856		1640	107.0	94.9	0.007	0.24	18.05	8.4	8	1.5	312	1.03	0.17	7.8	0.297	1.78
N830857		1370	392	47.8	0.007	0.16	78.6	4.4	5	1.1	288	0.56	0.19	4.2	0.162	0.92
N830858		790	117.0	68.7	0.025	0.18	6.73	10.4	7	1.1	184.5	0.48	0.09	5.0	0.224	0.67
N830859		1030	16.5	85.5	0.025	0.40	3.05	10.2	4	1.3	220	0.57	0.12	6.0	0.262	1.47
N830860		2980	6.0	31.8	0.004	0.30	2.39	22.7	9	0.6	913	0.17	0.08	4.5	0.082	1.62
N830861		2440	10.2	86.0	0.010	0.22	3.56	15.7	12	1.3	410	0.49	0.16	5.9	0.217	3.42
N830862		2850	10.1	71.9	0.008	0.17	5.55	12.8	21	1.2	482	0.39	0.10	6.2	0.213	4.62
N830863		1370	9.2	53.8	<0.002	0.05	2.10	12.5	8	0.9	238	0.29	0.07	3.7	0.141	2.54
N830864		6410	9.4	26.6	<0.002	0.05	7.45	16.2	8	0.5	872	0.19	0.11	2.7	0.073	1.54
N830865		150	2.7	1.0	<0.002	0.08	12.35	2.3	1	<0.2	60.2	<0.05	<0.05	<0.2	<0.005	0.23
N830866		1390	110.5	2.2	0.003	0.10	13.10	20.2	45	<0.2	56.3	0.05	<0.05	0.3	0.005	0.37
N830867		700	77.7	80.0	<0.002	0.01	41.1	14.8	14	1.4	85.6	0.46	0.10	6.1	0.207	1.28
N830868		30	0.8	1.2	<0.002	<0.01	1.20	1.5	1	<0.2	96.5	<0.05	<0.05	<0.2	<0.005	0.04
N830869		160	15.9	7.1	<0.002	0.01	1.53	17.7	1	0.2	57.1	0.05	<0.05	0.4	0.024	0.69
N830870		830	50.0	37.1	<0.002	0.07	27.2	6.3	10	1.1	69.1	0.40	0.11	5.5	0.199	0.40
N830871		220	8.1	1.2	0.003	0.01	3.12	3.3	5	<0.2	90.8	<0.05	<0.05	<0.2	<0.005	0.12
N830872		2660	14.4	105.5	0.042	0.11	3.02	13.0	33	1.6	357	0.72	0.15	7.8	0.315	1.06
N830873		130	1.7	3.7	<0.002	<0.01	0.74	6.0	1	<0.2	88.7	<0.05	<0.05	0.4	0.013	0.13
N830874		1550	112.5	50.1	<0.002	0.36	13.80	5.9	6	1.0	135.5	0.31	0.15	4.1	0.152	2.24
N830875		410	3.8	5.1	<0.002	0.20	5.53	4.0	11	<0.2	42.4	<0.05	<0.05	0.6	0.010	0.46
N830876		450	2.0	3.3	<0.002	0.02	4.21	4.7	1	<0.2	51.6	<0.05	<0.05	0.4	0.007	0.23
N830877		600	5.8	9.3	<0.002	0.16	5.75	16.0	10	0.2	115.0	0.05	<0.05	1.1	0.019	9.64
N830878		840	10.0	4.1	<0.002	0.01	3.61	1.3	10	<0.2	16.3	<0.05	<0.05	0.4	0.008	0.38
N830879		600	28.2	7.9	<0.002	0.02	6.90	2.4	112	0.2	19.6	0.05	<0.05	0.8	0.020	0.70
N830880		160	1.1	1.8	<0.002	0.32	0.74	1.2	5	<0.2	32.5	<0.05	<0.05	0.2	0.007	0.56
N830881		220	3.1	6.1	<0.002	<0.01	0.43	0.9	2	<0.2	80.1	<0.05	<0.05	0.5	0.015	0.20
N830882		90	2.7	1.2	0.002	0.01	0.14	0.4	1	<0.2	215	<0.05	<0.05	0.2	<0.005	0.02
N830883		520	1.2	6.3	0.020	0.12	3.71	0.5	8	<0.2	579	<0.05	0.17	0.2	0.017	3.51
N830884		280	1.6	8.3	0.045	0.07	1.85	0.6	9	0.2	655	0.06	<0.05	0.3	0.022	0.52
N830885		720	8680	44.4	0.004	0.15	50.9	5.8	10	3.3	122.0	0.47	0.09	4.3	0.165	0.62
N830887		360	20.4	73.2	<0.002	0.20	0.49	13.6	1	1.5	41.0	0.58	<0.05	8.0	0.402	0.35

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

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

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

Finalized Date: 8-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	1
Q012982		2.1	458	0.6	12.9	2080	56.6					
Q012983		1.5	290	0.5	9.7	76	43.4					
Q012984		2.8	395	0.5	15.2	264	49.2					
Q012985		2.0	252	0.6	19.1	162	41.6					
Q012986		1.5	165	0.5	7.9	145	41.4					
Q012987		1.9	219	0.7	9.9	110	56.0					
Q012988		0.3	25	0.1	2.5	113	8.4					
Q012989		1.5	261	0.7	7.5	47	51.1					
N830855		1.4	24	0.5	8.0	140	2.9					
N830856		6.8	620	7.8	24.9	396	106.5					
N830857		4.1	449	4.1	15.0	236	59.8					
N830858		10.1	211	3.3	19.0	244	72.3					
N830859		5.7	234	1.7	16.7	180	82.4					
N830860		13.3	194	0.5	38.7	676	42.0					
N830861		11.9	261	1.2	35.0	531	69.3					
N830862		9.0	288	1.9	39.0	1240	63.9					
N830863		5.7	193	1.3	23.6	417	48.0					
N830864		15.9	228	1.1	61.2	2620	65.9					
N830865		4.6	31	0.4	11.5	338	3.7					
N830866		5.7	554	8.8	>500	>10000	15.6			2.41	2.13	
N830867		7.0	1080	13.1	31.2	1380	98.3				3.39	
N830868		0.4	22	0.2	8.3	55	2.2					
N830869		3.0	41	1.4	9.4	288	8.8					
N830870		4.6	373	4.8	22.4	447	70.9					
N830871		4.1	124	1.3	15.4	940	7.5					
N830872		9.5	279	1.6	40.3	724	97.5					
N830873		2.6	40	0.4	27.0	103	9.8					
N830874		4.6	839	1.6	16.1	277	57.5					
N830875		4.6	129	0.5	27.1	5620	8.9				2.14	
N830876		3.2	84	0.5	30.0	3260	7.1				1.140	
N830877		9.2	274	0.9	51.5	6110	21.8				2.97	
N830878		3.2	71	0.6	54.6	>10000	5.4			2.13		
N830879		3.7	95	1.0	29.5	>10000	8.2			1.980		
N830880		6.6	13	0.4	5.0	118	3.5					
N830881		1.6	14	0.3	8.5	362	5.8					
N830882		3.9	11	0.2	10.7	38	1.3					
N830883		1.3	96	0.1	1.4	38	5.2					
N830884		0.7	124	0.1	0.9	55	5.4					
N830885		1.9	173	1.9	10.1	741	48.4					
N830887		1.6	113	0.8	14.9	85	88.5					

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

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

Finalized Date: 8-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N830888		0.08	<0.01	0.84	1.81	103.0	1860	0.76	0.07	0.11	0.73	17.85	1.0	58	3.83	13.6
N830889		0.19	<0.01	1.25	1.94	57.0	2140	0.74	0.08	0.06	1.20	16.70	1.5	59	4.37	28.4
N830890		0.22	<0.01	2.08	2.27	15.2	1490	1.10	0.09	0.04	2.25	18.30	0.7	104	6.18	7.3

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CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N830888		1.28	5.16	0.15	0.9	0.86	0.023	0.56	12.8	30.0	0.12	80	37.3	0.03	5.0	32.3
N830889		1.65	5.41	0.15	0.9	0.27	0.028	0.53	12.2	34.5	0.12	33	108.5	0.02	4.9	38.4
N830890		0.53	5.73	0.13	1.0	0.22	0.013	0.81	13.8	25.2	0.18	40	13.95	0.03	5.4	28.4

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CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N830888		340	91.9	31.5	0.080	0.21	13.45	3.4	11	0.7	33.3	0.29	0.09	2.3	0.115	2.31
N830889		1140	5.8	29.6	0.132	0.20	35.7	3.8	15	0.6	41.6	0.30	0.16	2.8	0.112	3.14
N830890		200	10.8	45.4	0.126	0.24	9.70	3.6	13	0.7	24.6	0.33	0.12	2.6	0.126	1.46

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	1
N830888		5.2	981	0.5	10.1	159	37.9					
N830889		7.3	1010	0.5	11.7	173	40.8					
N830890		4.7	869	0.5	11.8	69	42.7					

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Finalized Date: 8-JUL-2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14094979

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA26	Hg-CV41
Hg-CV42	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

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

Finalized Date: 14-JUL-2014
Account: RCM

CERTIFICATE WH14096673

Project: NADALEEN

P.O. No.: R14-004

This report is for 63 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24-JUN-2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

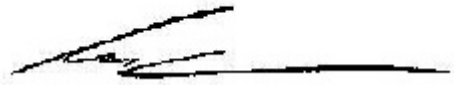
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Hg-CV42	High Grade Hg - cold vapor/AA	FIMS
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096673

Sample Description	Method	WEI-21	Au-AA26	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N830891		0.17	0.01		0.77	3.57	190.5	2900	2.14	0.06	2.58	23.7	29.9	14.1	58	1.86
N830892		0.28	0.01		0.58	1.31	796	1190	0.87	0.04	0.02	2.02	14.05	0.6	45	1.26
N830893		0.47	0.01		1.41	6.24	1080	3820	4.15	0.07	0.02	3.97	32.0	12.7	72	3.02
N830894		0.86	0.02		2.02	1.58	2730	650	0.84	0.04	0.01	0.62	14.25	3.1	40	1.08
N830895		0.42	<0.01		0.29	0.33	42.4	1060	0.12	0.02	0.01	0.35	2.27	0.1	5	0.52
N830896		0.40	0.01		1.42	4.55	162.5	2150	1.45	0.35	0.21	1.47	61.2	1.0	126	12.40
N830897		0.25	0.01		2.06	4.83	114.0	>10000	1.83	0.22	1.35	0.71	48.4	0.7	178	14.20
N830898		0.26	<0.01		0.64	0.71	358	4970	0.30	0.04	0.03	0.13	4.96	3.3	52	1.71
N830899		0.51	<0.01		0.13	0.51	13.6	2710	0.14	0.03	0.01	0.11	3.86	0.2	6	1.06
N830900		0.21	0.01		0.33	0.44	102.5	2150	0.27	0.04	0.03	0.34	2.87	0.5	14	1.14
N830751		3.18	11.35		1.21	3.96	464	4140	0.84	0.20	0.17	0.79	41.0	1.3	98	13.25
N830752		0.33	9.70		1.05	3.07	194.5	1090	0.66	0.13	0.14	0.56	33.3	0.8	75	8.60
N830753		2.94	3.34		1.22	4.39	485	2320	1.23	0.20	0.46	0.75	46.2	4.0	113	18.50
N830754		1.32	0.79		1.34	4.24	318	2350	1.43	0.19	0.51	0.72	42.7	5.9	108	16.15
N830755		0.22	1.86		0.71	2.38	1545	960	0.63	0.17	0.15	0.88	23.3	2.5	64	12.35
N830756		0.93	1.35		1.07	4.42	536	2760	1.48	0.21	1.44	0.79	43.4	6.0	106	20.0
N830757		1.60	2.15		1.32	4.14	411	2390	1.15	0.20	0.36	0.53	42.2	4.2	105	16.25
N830758		0.14	>100	102.0	2.33	1.08	1450	1070	0.31	0.07	0.15	0.37	21.4	0.6	43	2.12
N830759		0.17	0.63		0.48	1.77	379	2790	0.90	0.08	0.12	0.46	16.65	5.9	46	5.18
N830760		0.30	1.49		0.53	1.25	448	2720	0.66	0.06	0.54	0.58	10.75	4.3	35	3.19
N830761		1.00	0.09		1.18	4.40	266	3090	1.64	0.21	1.50	0.90	45.5	7.1	123	20.8
N830762		1.21	0.33		1.12	4.81	346	3140	1.66	0.22	0.46	0.94	47.7	7.9	113	18.90
N830763		1.80	2.25		2.04	4.90	328	1580	1.72	0.21	0.89	0.93	47.4	5.8	158	14.75
N830764		1.76	0.03		1.84	5.36	227	3390	1.76	0.21	0.30	0.64	54.0	8.3	142	17.30
N830765		2.29	0.45		1.64	5.30	320	2870	1.67	0.22	0.26	0.69	52.2	6.4	138	19.00
N830766		0.57	0.02		2.30	4.79	97.1	3760	1.45	0.21	2.64	0.81	47.2	5.9	179	21.0
N830767		1.37	<0.01		2.55	3.86	52.6	2120	1.31	0.21	0.50	2.01	40.8	3.7	215	14.00
N830768		1.92	0.01		1.68	4.71	60.9	2060	1.33	0.23	0.08	0.11	65.4	0.7	112	13.25
N830769		1.46	0.01		1.20	5.09	253	2720	1.38	0.22	0.87	0.98	52.6	4.9	140	13.30
N830770		0.30	<0.01		0.12	0.15	73.6	170	0.33	0.01	32.6	13.10	1.82	1.2	3	0.33
N830771		0.60	0.01		0.34	0.80	134.5	2340	0.71	0.03	29.5	8.75	8.86	2.7	15	2.16
N830772		0.36	0.01		0.31	0.14	54.5	190	0.21	0.01	32.0	2.46	1.92	0.5	3	0.39
N830773		0.85	0.01		5.73	4.52	411	1680	1.39	0.22	0.29	1.72	50.1	2.2	114	11.30
N830774		2.63	0.01		2.89	4.16	60.4	1580	1.23	0.22	0.10	0.15	61.5	0.6	101	14.65
N830775		2.10	0.06		2.13	4.46	90.8	1780	1.34	0.25	0.09	0.09	61.0	0.5	105	14.80
N830776		2.15	0.06		1.77	5.02	112.0	1660	1.46	0.24	0.15	0.72	63.5	1.0	102	19.50
N830777		1.77	0.17		1.72	4.26	210	1510	1.61	0.20	0.16	0.86	53.1	1.6	106	18.30
Q012990		0.40	<0.01		0.44	1.17	250	1980	0.37	0.04	0.01	0.13	10.30	0.4	41	1.08
Q012991		0.39	<0.01		1.85	2.48	23.0	2170	1.32	0.09	0.02	3.50	22.6	0.9	117	4.73
Q012992		0.56	<0.01		1.05	3.81	102.0	2510	1.02	0.19	0.10	0.32	39.8	3.6	90	15.50

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096673

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
N830891		194.0	7.33	6.41	0.12	1.6	0.16	0.029	0.99	17.3	9.3	1.20	1280	3.07	0.03	9.9
N830892		29.3	1.71	3.46	0.06	0.8	0.11	0.017	0.45	8.0	26.6	0.06	35	2.70	0.02	3.9
N830893		383	6.88	6.46	0.11	1.7	0.36	0.061	0.82	17.7	23.7	0.12	173	4.90	0.02	8.1
N830894		66.1	2.24	3.52	0.07	0.7	2.97	0.021	0.48	8.3	32.7	0.05	56	2.57	0.01	4.2
N830895		3.4	0.48	0.97	0.06	0.2	0.06	<0.005	0.11	1.6	1.0	0.02	<5	3.57	0.01	0.9
N830896		98.2	1.83	16.20	0.17	3.5	1.00	0.036	1.43	38.5	21.2	0.29	28	38.6	0.04	11.6
N830897		111.5	1.39	14.00	0.19	1.9	0.88	0.059	1.42	33.6	17.6	0.27	13	8.65	0.04	5.6
N830898		10.0	1.61	2.20	0.09	0.5	0.13	0.018	0.20	3.4	6.4	0.03	67	8.41	0.02	1.4
N830899		8.5	0.20	1.41	0.08	0.2	0.03	<0.005	0.16	2.2	1.3	0.03	5	6.37	0.01	0.8
N830900		24.7	1.13	1.77	0.09	0.2	0.41	0.007	0.14	1.6	3.7	0.03	43	34.4	0.01	0.7
N830751		23.4	1.42	11.85	0.13	2.2	85.6	0.031	1.44	29.5	25.7	0.19	45	6.55	0.04	8.8
N830752		19.0	0.72	9.18	0.11	1.7	99.0	0.014	1.11	23.5	38.7	0.13	38	4.00	0.03	7.0
N830753		42.3	2.38	12.85	0.15	2.2	25.9	0.039	1.63	32.6	20.1	0.22	65	9.26	0.04	8.9
N830754		60.7	2.20	11.80	0.14	2.1	11.4	0.043	1.49	31.2	18.9	0.20	74	7.29	0.04	8.3
N830755		31.7	3.68	7.21	0.12	1.2	12.9	0.032	0.87	15.4	32.0	0.10	70	19.10	0.02	4.8
N830756		59.0	2.63	12.00	0.17	2.2	8.31	0.057	1.59	30.4	21.1	0.63	100	7.21	0.04	8.4
N830757		47.5	2.05	11.45	0.14	2.0	22.7	0.037	1.49	28.9	18.6	0.22	67	5.59	0.04	8.2
N830758		67.5	0.78	2.76	0.15	0.7	>100	0.059	0.31	14.4	59.0	0.04	59	1.78	0.01	2.6
N830759		66.8	1.72	4.92	0.09	0.8	2.67	0.020	0.59	10.9	54.4	0.08	123	2.98	0.02	3.2
N830760		64.1	1.52	3.06	0.10	0.6	3.22	0.030	0.40	6.9	96.5	0.05	131	2.25	0.01	2.2
N830761		68.7	2.68	12.35	0.16	2.4	0.67	0.056	1.60	33.6	21.1	0.23	123	7.61	0.04	8.9
N830762		67.3	2.99	13.45	0.14	2.2	2.82	0.048	1.74	32.5	28.7	0.28	136	5.58	0.08	9.5
N830763		64.9	2.70	13.05	0.17	2.5	7.49	0.052	1.88	33.4	19.8	0.23	74	8.62	0.03	8.9
N830764		77.1	3.05	14.85	0.17	2.6	0.94	0.057	2.03	36.9	18.0	0.30	108	7.96	0.05	10.0
N830765		62.3	2.68	14.45	0.15	2.6	4.73	0.049	1.94	35.3	16.4	0.26	76	6.57	0.04	9.9
N830766		63.3	2.90	13.35	0.18	2.5	0.86	0.054	1.67	37.1	15.1	0.27	75	10.10	0.04	8.9
N830767		55.6	2.14	10.40	0.15	1.7	0.25	0.041	1.37	34.8	29.2	0.22	46	6.21	0.04	8.1
N830768		19.7	1.50	16.15	0.20	3.3	0.35	0.035	2.10	40.7	19.3	0.33	19	9.65	0.03	21.3
N830769		51.1	2.69	14.50	0.16	2.7	0.80	0.054	1.75	37.3	13.2	0.23	59	5.90	0.04	10.0
N830770		10.4	0.32	0.36	0.08	0.1	0.19	<0.005	0.05	1.1	1.0	0.18	93	0.73	<0.01	0.3
N830771		15.7	0.75	1.99	0.10	0.3	0.40	0.009	0.25	5.4	5.0	0.21	115	2.13	0.04	1.7
N830772		3.2	0.15	0.38	0.08	0.1	1.71	<0.005	0.05	1.1	1.0	0.15	77	1.19	<0.01	0.3
N830773		63.2	3.00	13.50	0.16	2.4	3.07	0.049	1.66	33.4	14.4	0.21	33	10.10	0.03	9.1
N830774		8.6	1.01	13.70	0.21	3.1	1.66	0.026	1.85	37.6	12.8	0.25	22	9.38	0.03	19.3
N830775		6.2	1.28	14.80	0.21	3.1	2.29	0.032	2.06	38.0	13.3	0.29	15	8.32	0.03	19.8
N830776		14.2	1.59	15.60	0.18	3.0	3.42	0.046	2.31	37.7	16.1	0.35	26	6.17	0.03	19.3
N830777		37.2	1.64	13.65	0.16	2.9	4.19	0.034	1.89	34.4	16.8	0.28	29	8.44	0.03	18.0
Q012990		8.8	1.27	2.84	0.10	0.5	0.09	0.036	0.44	5.7	20.9	0.03	45	1.81	0.01	2.7
Q012991		69.3	1.81	7.03	0.13	1.3	0.22	0.038	0.82	18.7	30.5	0.17	33	20.6	0.02	6.3
Q012992		32.9	2.54	11.10	0.12	1.9	1.11	0.049	1.37	25.9	30.8	0.17	45	4.95	0.03	7.9

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

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

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096673

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
N830891		221	720	12.0	40.5	<0.002	0.22	3.14	9.8	4	0.8	243	0.65	0.05	4.7	0.137
N830892		9.6	860	30.8	19.8	<0.002	0.10	4.52	4.0	3	0.4	67.1	0.26	0.05	2.6	0.060
N830893		401	2080	204	37.3	<0.002	0.23	11.55	19.9	6	0.8	109.5	0.54	0.08	5.5	0.124
N830894		42.5	470	35.4	19.5	0.002	0.08	10.60	5.2	5	0.4	38.8	0.28	0.05	2.4	0.063
N830895		3.0	140	2.0	6.7	0.027	0.16	6.90	0.7	8	<0.2	500	0.06	<0.05	0.3	0.027
N830896		34.5	2720	34.6	95.9	0.010	0.27	19.50	9.3	27	2.1	428	0.83	0.35	10.6	0.310
N830897		38.6	>10000	19.2	96.3	0.012	0.18	5.82	11.6	18	1.0	580	0.44	0.18	6.4	0.220
N830898		57.8	1660	2.6	13.4	0.029	0.23	3.29	2.5	15	0.3	47.5	0.09	0.05	1.0	0.039
N830899		4.9	260	1.8	10.2	0.038	0.13	1.37	0.7	6	0.2	524	0.06	0.06	0.6	0.025
N830900		19.8	420	3.1	9.6	0.061	0.13	9.14	1.2	20	0.2	531	<0.05	0.44	0.6	0.024
N830751		22.4	430	11.9	82.2	0.010	0.30	1.60	7.0	5	2.1	172.5	0.60	0.14	6.0	0.262
N830752		11.7	220	8.7	58.9	0.005	0.10	0.97	4.9	3	1.5	104.0	0.48	0.05	4.9	0.203
N830753		62.4	670	14.2	92.2	0.013	0.26	2.39	9.4	5	1.7	174.5	0.58	0.14	6.9	0.277
N830754		75.1	710	12.2	84.1	0.023	0.14	2.99	10.4	6	1.3	133.5	0.56	0.13	6.4	0.261
N830755		49.8	770	7.3	47.7	0.007	0.29	3.13	4.2	5	1.0	518	0.31	0.15	3.7	0.149
N830756		70.4	810	11.9	86.3	0.018	0.23	2.45	11.0	6	1.4	242	0.59	0.08	6.8	0.267
N830757		58.8	580	11.3	80.6	0.020	0.18	2.12	9.2	7	1.4	133.0	0.57	0.09	6.2	0.266
N830758		13.0	420	6.1	15.9	0.014	0.09	2.72	9.2	15	2.1	177.5	0.21	<0.05	4.1	0.082
N830759		75.2	480	4.4	31.9	0.006	0.13	1.66	4.7	2	0.6	217	0.21	0.05	2.5	0.101
N830760		73.0	570	3.0	20.0	0.002	0.10	2.04	4.8	2	0.6	269	0.14	0.06	1.7	0.068
N830761		104.5	1100	11.8	88.6	0.018	0.21	2.96	11.1	9	1.4	220	0.59	0.07	6.9	0.278
N830762		95.3	1050	13.7	91.2	0.018	0.18	5.89	12.4	5	1.5	212	0.66	0.10	7.2	0.293
N830763		92.7	1270	14.3	93.1	0.026	0.20	7.40	11.7	18	1.7	121.5	0.62	0.10	7.3	0.298
N830764		92.4	1300	14.2	106.0	0.026	0.22	6.49	14.4	10	1.7	147.5	0.68	0.08	8.0	0.318
N830765		80.6	920	14.0	104.5	0.022	0.22	5.54	12.3	8	1.8	168.0	0.69	0.07	8.1	0.322
N830766		114.5	1210	12.7	95.0	0.011	0.20	3.11	12.0	9	1.5	329	0.62	0.12	7.5	0.292
N830767		76.7	2890	13.0	75.8	0.025	0.27	3.29	9.8	18	1.2	228	0.56	0.35	6.3	0.234
N830768		14.9	400	18.8	99.4	0.078	0.38	7.12	8.6	34	2.0	128.5	1.34	0.19	9.7	0.370
N830769		78.6	1220	25.5	94.9	0.016	0.19	3.62	11.7	7	1.7	254	0.70	0.10	8.2	0.317
N830770		20.3	60	13.8	2.2	0.002	0.01	0.52	1.1	1	<0.2	219	<0.05	<0.05	0.2	0.007
N830771		50.9	250	20.5	12.1	<0.002	0.06	1.08	2.8	2	0.2	291	0.11	<0.05	1.2	0.048
N830772		5.0	40	16.8	2.4	<0.002	0.01	1.10	0.9	1	<0.2	267	<0.05	<0.05	0.2	0.008
N830773		50.2	1110	128.5	80.3	0.003	0.21	12.55	10.6	7	1.5	308	0.63	0.14	7.3	0.289
N830774		11.6	430	42.3	89.5	0.016	0.26	10.50	6.7	5	1.9	188.5	1.27	0.11	9.1	0.339
N830775		13.6	540	29.9	98.8	0.011	0.38	10.70	7.3	6	1.9	212	1.27	0.15	9.8	0.347
N830776		24.0	630	30.8	109.0	0.011	0.34	7.20	7.6	4	1.7	232	1.25	0.11	8.8	0.355
N830777		33.0	1000	16.6	88.3	0.024	0.23	7.04	7.4	3	1.6	188.0	1.16	0.13	7.3	0.312
Q012990		19.4	740	3.1	16.9	<0.002	0.10	2.59	6.3	2	0.4	65.5	0.18	<0.05	2.2	0.045
Q012991		31.8	1110	5.3	47.1	0.024	0.15	13.95	4.1	11	0.8	67.4	0.42	0.07	3.6	0.144
Q012992		43.1	540	10.7	74.8	0.009	0.23	2.09	7.4	3	1.2	136.0	0.54	0.10	5.3	0.241

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

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

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096673

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV42	Ba-XRF10
	Analyte	Tl	U	V	W	Y	Zn	Zr	Hg	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.1	1	0.1	0.1	2	0.5	1	0.01
N830891		0.56	5.5	263	1.3	45.6	1260	92.2		
N830892		0.41	3.7	130	0.5	11.6	35	27.7		
N830893		0.69	17.2	362	1.1	47.4	1360	109.0		
N830894		0.44	6.9	129	0.6	12.8	198	25.4		
N830895		0.28	0.7	88	0.1	0.9	16	5.4		
N830896		11.00	15.5	1000	2.2	31.7	66	108.5		
N830897		2.72	26.1	722	1.0	52.3	33	96.7		1.07
N830898		0.63	1.9	147	0.2	3.0	188	18.5		
N830899		1.25	1.5	89	0.1	1.3	13	7.6		
N830900		5.21	3.4	142	0.1	5.0	85	7.2		
N830751		68.0	4.2	200	5.8	16.0	52	78.4		
N830752		40.0	3.7	162	4.7	17.3	21	62.2		
N830753		43.2	5.8	213	5.2	35.6	156	81.7		
N830754		16.60	6.5	203	3.6	26.3	201	79.1		
N830755		32.5	3.7	157	4.0	9.3	214	45.7		
N830756		27.7	6.1	196	3.4	28.2	210	80.9		
N830757		32.3	5.2	205	3.3	22.4	171	77.0		
N830758		19.05	3.7	61	2.2	11.9	24	26.1	541	
N830759		5.34	3.4	83	1.6	21.6	219	30.4		
N830760		6.38	2.9	59	1.3	24.2	216	20.5		
N830761		9.90	7.6	214	1.7	33.2	307	87.3		
N830762		7.70	6.6	227	2.8	31.2	352	83.9		
N830763		6.16	6.4	244	6.0	29.5	288	85.1		
N830764		5.57	7.0	259	3.0	34.2	303	94.2		
N830765		9.19	6.3	253	5.3	29.8	252	92.4		
N830766		4.66	6.4	255	1.5	31.7	343	88.7		
N830767		0.99	6.1	358	1.2	43.2	244	69.0		
N830768		2.40	5.4	576	2.5	18.8	21	127.5		
N830769		1.79	5.9	272	2.5	27.8	246	92.9		
N830770		0.07	2.0	11	0.1	11.2	253	2.6		
N830771		0.30	2.8	54	0.5	14.6	345	13.3		
N830772		0.07	2.2	12	0.3	4.2	64	2.8		
N830773		2.98	5.6	246	4.8	25.3	285	85.9		
N830774		3.86	5.9	480	4.6	25.0	27	120.0		
N830775		4.26	5.8	543	6.1	22.2	16	123.5		
N830776		5.71	5.1	541	6.2	18.7	67	119.5		
N830777		5.50	5.8	608	7.3	21.3	170	113.0		
Q012990		0.50	2.2	115	0.3	6.7	36	20.1		
Q012991		2.78	7.9	589	0.6	23.5	234	50.7		
Q012992		2.62	3.9	205	1.4	13.4	152	69.7		

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

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Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096673

Sample Description	Method	WEI-21	Au-AA26	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q012993		0.49	<0.01		0.79	2.02	12.9	1230	0.52	0.08	0.09	0.25	17.80	0.9	37	6.47
Q012994		0.42	<0.01		0.91	5.12	11.3	1860	1.25	0.24	0.07	0.02	52.7	0.6	102	17.40
Q012995		0.63	0.01		0.90	4.90	151.0	2430	1.21	0.21	0.08	0.20	49.4	3.0	109	20.3
Q012996		0.49	<0.01		1.26	3.40	862	90	1.88	0.22	0.22	3.76	29.9	11.2	171	19.00
Q012997		0.54	<0.01		0.80	3.68	358	890	1.64	0.18	0.09	2.02	35.9	7.4	90	17.90
Q012998		0.31	<0.01		1.53	4.81	128.5	2820	1.78	0.23	0.03	0.88	57.3	1.5	118	27.8
Q012901		2.27	0.08		1.32	4.09	137.0	2050	1.36	0.19	0.18	0.58	41.0	5.5	98	15.30
Q012902		2.44	0.01		1.11	3.83	55.8	2360	1.06	0.20	0.10	0.26	40.2	3.3	88	14.40
Q012903		2.67	0.01		1.00	3.78	83.3	2430	1.14	0.19	0.10	0.31	39.8	3.3	87	13.95
Q012904		2.67	<0.01		1.33	3.48	20.7	690	0.80	0.17	0.06	0.24	35.4	1.8	73	11.05
Q012905		3.41	<0.01		1.15	4.27	28.4	650	1.18	0.23	0.06	0.09	48.3	1.5	89	15.95
Q012906		2.68	<0.01		2.97	3.70	84.7	2910	1.40	0.20	0.31	2.09	38.2	2.8	230	11.95
Q012907		2.69	<0.01		1.47	4.04	72.0	2500	1.28	0.21	0.20	1.82	41.7	3.7	162	13.95
Q012908		3.34	<0.01		1.40	4.06	71.4	2170	1.32	0.22	0.23	1.63	41.9	3.7	159	14.85
Q012909		2.86	<0.01		1.28	3.98	73.9	2100	1.25	0.21	0.28	2.41	40.0	4.9	146	14.05
Q012910		2.58	<0.01		1.42	3.82	51.7	2080	1.21	0.21	0.18	1.11	39.4	3.4	158	15.40
Q012911		1.71	<0.01		0.06	0.11	18.4	150	0.19	0.02	36.4	3.42	1.53	0.3	3	0.32
Q012912		2.78	<0.01		0.96	4.47	113.0	2950	1.44	0.22	0.15	0.70	48.2	4.9	104	14.85
Q012913		2.51	<0.01		0.91	4.43	53.8	2570	1.09	0.18	0.08	0.42	50.1	2.7	91	15.20
Q012914		3.22	<0.01		1.51	4.72	253	820	1.56	0.21	0.26	1.85	45.1	6.2	219	23.8
Q012915		2.60	<0.01		0.65	4.36	297	3500	1.44	0.22	0.09	0.73	47.6	6.0	115	16.75
Q012916		2.34	<0.01		3.30	4.75	305	2340	1.68	0.25	0.04	1.55	61.4	2.4	125	22.6
Q012917		2.83	<0.01		1.81	4.60	74.7	1950	1.72	0.23	0.03	0.37	61.8	1.5	122	23.3

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

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

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

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096673

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
Q012993		13.5	0.96	5.56	0.11	1.0	0.07	0.024	0.58	10.1	23.9	0.10	21	1.98	0.02	3.6
Q012994		10.0	0.74	15.70	0.19	2.7	0.58	0.021	1.84	33.9	15.4	0.26	13	4.56	0.04	10.2
Q012995		27.9	3.31	15.15	0.17	2.5	0.84	0.049	1.74	31.6	17.5	0.23	48	11.15	0.03	9.1
Q012996		132.5	14.80	10.90	0.21	1.4	1.21	0.140	2.15	16.5	27.7	0.12	100	40.4	0.06	4.4
Q012997		104.5	5.82	10.50	0.14	1.8	0.39	0.080	1.33	22.2	26.4	0.17	111	12.95	0.03	5.9
Q012998		24.0	2.01	15.80	0.18	2.9	0.76	0.045	2.03	35.7	20.2	0.33	23	12.75	0.03	18.8
Q012901		52.3	2.14	11.30	0.13	2.2	3.90	0.046	1.43	28.4	16.6	0.19	64	6.24	0.04	8.1
Q012902		30.4	1.96	11.50	0.13	2.1	0.70	0.044	1.37	26.5	18.1	0.18	46	4.58	0.04	8.4
Q012903		28.0	1.83	10.75	0.13	1.9	1.11	0.034	1.34	24.7	20.2	0.18	37	4.31	0.03	7.7
Q012904		20.7	1.45	10.05	0.14	1.8	0.12	0.029	1.19	19.2	29.9	0.19	27	4.64	0.05	6.8
Q012905		23.7	1.68	12.90	0.14	2.3	0.14	0.046	1.57	27.8	22.2	0.25	14	4.73	0.05	8.7
Q012906		60.6	2.09	9.97	0.17	1.6	0.58	0.044	1.35	32.0	21.6	0.21	37	5.35	0.03	7.7
Q012907		65.4	2.23	11.40	0.13	1.9	0.31	0.039	1.57	28.3	19.8	0.24	38	5.55	0.03	8.5
Q012908		42.7	2.02	11.50	0.14	1.9	0.34	0.044	1.59	27.4	18.6	0.24	38	5.86	0.04	8.8
Q012909		49.6	2.32	11.05	0.14	1.9	0.38	0.043	1.50	26.6	21.7	0.22	55	5.42	0.03	8.2
Q012910		38.8	2.20	10.90	0.15	2.1	0.30	0.050	1.50	28.0	23.8	0.24	35	6.59	0.04	8.3
Q012911		4.0	0.06	0.33	0.08	0.1	0.13	<0.005	0.04	1.2	0.8	0.13	55	0.35	<0.01	0.3
Q012912		53.7	2.38	13.10	0.17	2.1	0.27	0.048	1.60	31.2	13.1	0.22	43	5.37	0.03	8.5
Q012913		26.7	1.88	12.25	0.13	2.1	0.40	0.039	1.59	31.5	15.1	0.22	38	6.19	0.04	8.0
Q012914		78.2	4.74	13.05	0.15	1.9	0.42	0.060	1.76	29.4	18.5	0.24	60	19.10	0.04	7.1
Q012915		54.9	4.22	12.75	0.15	2.3	0.39	0.055	1.62	31.2	20.3	0.21	57	8.24	0.03	8.0
Q012916		22.2	2.71	15.85	0.15	2.9	1.15	0.045	2.13	36.6	16.3	0.29	22	14.15	0.03	18.7
Q012917		17.6	1.60	14.85	0.16	2.8	0.57	0.032	1.94	35.7	19.0	0.32	22	10.25	0.03	19.2

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

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096673

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
Q012993		8.8	930	3.9	36.0	0.006	0.13	1.11	3.6	3	0.5	189.5	0.24	0.06	2.3	0.115
Q012994		10.3	260	10.6	100.5	0.019	0.18	1.85	7.2	4	1.6	83.8	0.69	0.07	7.7	0.339
Q012995		34.9	990	13.5	91.0	0.008	0.10	2.46	8.5	4	1.6	212	0.61	0.12	7.2	0.297
Q012996		213	5280	18.5	103.0	0.014	2.20	14.35	11.2	24	1.4	1865	0.31	0.30	6.5	0.156
Q012997		108.0	2380	12.1	67.5	0.002	0.31	3.24	13.0	9	1.2	717	0.41	0.14	5.7	0.198
Q012998		27.9	900	16.6	105.5	0.009	0.26	8.79	8.9	7	1.8	212	1.18	0.18	8.6	0.329
Q012901		73.4	540	12.2	80.5	0.018	0.10	2.28	9.4	6	1.3	85.5	0.56	0.12	5.9	0.255
Q012902		38.3	510	11.1	79.3	0.013	0.19	2.04	7.6	5	1.2	109.0	0.56	0.12	6.2	0.258
Q012903		36.0	390	10.9	75.5	0.014	0.18	1.73	6.9	3	1.2	93.9	0.50	0.10	5.7	0.235
Q012904		17.4	880	11.2	68.3	0.016	0.27	1.73	7.3	4	1.0	183.5	0.43	0.07	4.6	0.205
Q012905		14.9	620	11.4	91.0	0.011	0.32	1.68	9.8	4	1.3	208	0.55	0.07	6.6	0.261
Q012906		74.4	1880	13.3	76.7	0.032	0.28	2.96	8.3	20	1.2	171.5	0.48	0.21	5.8	0.209
Q012907		57.3	790	12.1	87.7	0.032	0.28	2.67	8.0	10	1.2	129.5	0.55	0.20	6.3	0.237
Q012908		56.0	1160	12.8	88.5	0.035	0.28	2.57	7.7	11	1.2	114.0	0.57	0.22	6.4	0.246
Q012909		66.5	1340	11.8	83.8	0.020	0.29	2.41	7.9	10	1.2	151.0	0.55	0.17	6.2	0.232
Q012910		55.3	1020	11.6	84.2	0.036	0.34	2.43	7.2	21	1.3	107.0	0.54	0.19	6.1	0.229
Q012911		1.3	40	3.2	1.9	0.002	0.01	0.46	1.3	<1	<0.2	188.5	<0.05	<0.05	0.2	0.006
Q012912		59.5	650	14.4	89.0	0.017	0.19	2.58	10.5	4	1.3	216	0.55	0.11	6.8	0.266
Q012913		30.3	590	12.6	88.9	0.012	0.15	2.07	7.9	3	1.3	169.5	0.51	0.10	6.3	0.281
Q012914		126.0	1280	15.5	94.4	0.008	0.29	3.53	10.1	15	1.4	361	0.48	0.07	7.4	0.242
Q012915		110.0	1400	12.4	85.6	0.008	0.27	3.41	10.0	7	1.3	257	0.52	0.11	6.9	0.259
Q012916		40.7	1050	57.2	108.0	0.012	0.32	12.00	8.9	7	1.7	324	1.16	0.18	8.9	0.317
Q012917		25.2	550	23.4	102.0	0.029	0.24	8.35	8.1	10	1.8	137.0	1.14	0.16	9.0	0.321

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096673

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV42	Ba-XRF10
	Analyte	Tl	U	V	W	Y	Zn	Zr	Hg	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.1	1	0.1	0.1	2	0.5	1	0.01
Q012993		0.30	3.4	105	0.5	9.8	49	37.7		
Q012994		2.03	6.2	242	1.8	13.2	17	92.8		
Q012995		2.35	7.7	255	2.0	19.2	164	98.8		
Q012996		20.6	7.4	297	2.3	45.4	984	53.5		
Q012997		2.22	8.0	184	1.2	25.6	409	64.1		
Q012998		2.55	5.5	594	2.4	23.6	126	114.0		
Q012901		4.60	5.6	195	1.9	24.5	201	77.1		
Q012902		2.64	3.9	202	1.3	13.4	137	75.0		
Q012903		2.80	3.5	192	1.3	13.1	129	68.5		
Q012904		0.52	4.9	193	0.9	12.9	55	71.4		
Q012905		0.69	5.0	231	1.2	14.2	51	81.4		
Q012906		1.24	6.1	355	1.3	26.6	221	63.2		
Q012907		1.38	4.3	273	1.3	18.5	254	70.5		
Q012908		1.11	4.7	263	1.3	17.7	254	85.6		
Q012909		1.13	4.8	262	1.2	20.0	315	67.6		
Q012910		1.41	4.4	285	1.3	16.2	232	66.7		
Q012911		0.12	2.1	14	0.1	4.7	14	2.6		
Q012912		1.02	5.3	234	1.5	20.5	246	86.6		
Q012913		1.47	5.2	209	1.5	16.7	128	77.0		
Q012914		3.04	8.6	259	1.5	31.3	460	72.4		
Q012915		2.02	6.7	236	1.7	24.6	289	77.9		
Q012916		2.26	6.6	609	5.0	26.1	208	117.0		
Q012917		1.65	5.9	572	1.7	23.8	111	116.0		

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

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VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096673

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA26	Au-GRA22	Ba-XRF10	Hg-CV41
Hg-CV42	ME-MS61	ME-XRF10	OA-GRA06

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VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2014
Account: RCM

CERTIFICATE WH14099481

Project: NADALEEN

P.O. No.: R14-005

This report is for 58 Rock samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099481

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N830778		0.16	0.01	0.05	0.25	178.5	50	0.13	0.02	19.55	1.94	4.90	1.4	6	0.37	4.1
N830779		0.26	<0.01	1.11	1.69	771	150	2.02	0.02	1.06	29.3	12.90	21.1	29	0.51	140.5
N830780		0.06	0.03	0.21	0.45	163.0	90	0.33	0.02	7.75	7.03	10.75	2.4	18	0.92	24.8
N830781		0.13	<0.01	0.20	0.16	206	50	0.14	0.01	4.92	6.49	4.15	2.2	15	0.74	7.5
N830782		0.54	<0.01	0.43	0.53	171.0	180	0.33	0.03	32.0	4.72	34.2	1.1	44	0.84	19.0
N830783		0.17	<0.01	0.42	0.45	130.0	160	0.28	0.02	31.2	5.03	30.3	1.4	33	0.65	15.0
N830784		0.53	0.01	1.36	1.25	427	170	0.57	0.07	19.60	11.95	37.1	3.5	75	2.55	45.1
N830785		0.49	<0.01	0.15	0.11	65.2	30	0.11	0.01	37.5	2.81	8.09	0.7	8	0.16	5.8
N830786		0.31	<0.01	0.28	0.27	91.6	70	0.27	0.02	34.9	3.05	11.40	0.7	21	0.39	10.9
N830787		0.29	<0.01	0.30	2.24	649	760	0.83	0.19	0.27	0.69	29.3	0.8	125	3.67	21.0
N830788		0.17	<0.01	0.37	0.28	278	50	0.23	0.02	2.22	0.68	3.44	3.9	12	0.73	8.8
N830789		0.13	<0.01	0.11	0.88	506	570	0.30	0.07	17.25	1.89	12.35	2.7	34	1.03	11.5
N830790		0.79	<0.01	0.36	2.96	2840	2420	1.13	0.18	0.17	2.90	33.1	2.5	151	2.62	40.5
N830791		0.75	<0.01	0.13	0.24	2870	990	0.83	0.01	0.44	3.87	74.8	158.0	14	0.45	8.9
N830792		0.77	0.01	0.19	0.40	1090	180	0.14	0.03	0.24	1.02	9.21	2.6	47	0.85	32.0
N830793		0.22	<0.01	0.06	0.13	57.4	40	0.05	0.01	23.6	1.04	2.82	1.7	4	0.35	4.2
N830794		0.12	<0.01	0.45	0.23	2070	70	0.19	0.01	0.33	3.98	3.87	16.5	19	0.73	49.4
N830795		0.47	<0.01	0.64	0.73	4020	170	0.22	0.01	1.17	8.69	30.5	35.5	21	0.60	9.9
N830796		0.58	<0.01	0.11	0.13	168.5	50	0.07	0.01	14.45	1.32	3.60	3.5	6	0.32	2.6
N830797		0.89	<0.01	0.14	0.13	170.5	60	0.08	0.01	1.49	0.26	2.46	1.9	12	0.36	4.1
N830798		1.38	<0.01	0.18	0.11	437	90	0.09	0.01	0.61	1.25	1.90	6.5	23	0.28	8.3
N830799		0.34	0.01	0.20	0.34	1500	140	0.26	0.02	0.17	4.92	9.79	9.7	26	1.08	18.5
N830800		0.47	<0.01	0.04	0.21	260	30	0.11	0.01	5.69	0.70	0.91	2.5	10	0.17	2.1
Q012999		0.20	<0.01	3.53	1.20	>10000	250	4.72	0.03	0.61	71.5	43.7	64.2	33	4.14	36.6
Q013000		0.30	<0.01	0.05	0.88	1260	80	0.61	0.03	31.9	0.65	8.61	6.5	10	0.71	4.9
Q012918		0.26	<0.01	0.04	0.02	37.5	30	0.11	<0.01	35.6	3.70	2.27	0.8	3	<0.05	3.2
Q012919		0.39	<0.01	10.35	0.03	400	70	0.17	<0.01	34.3	17.00	5.87	2.3	2	<0.05	16.0
Q012920		0.15	<0.01	0.05	0.02	21.7	30	0.11	<0.01	36.9	3.03	4.45	0.5	2	<0.05	2.1
Q012921		0.53	<0.01	0.22	0.07	103.5	50	0.12	0.01	36.7	12.40	3.06	1.4	2	0.08	4.7
Q012922		0.45	<0.01	0.03	0.03	34.2	50	0.10	0.01	37.3	2.20	2.32	0.6	1	<0.05	2.4
Q012923		0.24	<0.01	1.66	1.51	666	270	0.71	0.06	29.5	3.81	35.2	1.5	142	2.19	41.5
Q012924		0.53	<0.01	0.02	0.05	86.8	50	0.08	<0.01	36.3	3.56	1.03	1.5	1	<0.05	2.4
Q012925		0.19	<0.01	0.68	0.50	278	150	0.29	0.02	30.3	1.48	28.6	0.7	42	0.63	14.0
Q012926		0.63	<0.01	1.71	1.47	771	320	0.76	0.06	30.1	5.99	56.0	3.9	131	2.37	42.2
Q012927		0.33	<0.01	0.05	0.03	52.5	80	<0.05	0.01	37.8	0.37	2.36	0.8	2	<0.05	1.6
Q012928		0.24	<0.01	0.05	0.10	24.1	50	<0.05	0.01	15.95	1.23	2.22	1.0	6	0.19	1.1
Q012929		0.37	<0.01	0.31	0.07	78.3	60	0.07	0.01	36.8	5.67	2.03	1.4	2	0.07	1.7
Q012930		0.18	<0.01	0.04	0.04	4.3	30	<0.05	<0.01	4.37	0.21	0.40	0.2	8	0.22	1.3
Q012931		0.21	<0.01	0.19	0.99	2440	390	0.19	0.06	0.34	1.82	13.60	7.8	50	2.31	9.8
Q012932		0.45	<0.01	0.10	0.51	2210	230	0.10	0.02	0.27	1.10	9.67	7.8	32	1.00	6.7

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

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

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N830778		0.53	0.74	0.07	0.1	0.04	0.008	0.10	3.5	2.7	0.75	64	1.51	0.02	0.3	28.0
N830779		3.52	1.13	0.16	0.2	0.92	0.014	0.07	16.3	4.8	0.03	310	56.7	0.01	0.7	580
N830780		0.72	1.34	0.08	0.2	0.46	0.012	0.13	11.9	3.7	0.07	130	14.80	0.02	0.8	105.5
N830781		0.79	0.57	0.06	0.1	0.80	0.008	0.05	6.4	2.5	0.03	144	7.00	0.01	0.4	35.4
N830782		0.23	1.71	0.11	0.3	0.21	0.011	0.20	44.9	4.2	1.12	42	1.48	0.01	0.9	29.1
N830783		0.20	1.41	0.16	0.2	0.25	0.011	0.16	38.7	4.3	1.03	53	2.16	0.01	0.8	26.6
N830784		0.82	3.65	0.14	0.7	1.33	0.015	0.48	42.4	9.8	1.20	98	13.80	0.02	2.6	98.7
N830785		0.09	0.39	0.08	0.1	0.10	0.005	0.04	8.5	0.9	0.16	222	3.35	0.01	0.2	14.5
N830786		0.13	0.84	0.12	0.2	0.10	0.008	0.10	12.8	3.8	0.24	160	0.80	0.01	0.6	12.5
N830787		5.59	5.93	0.10	0.9	0.03	0.037	0.61	18.9	55.6	0.07	52	4.92	0.18	2.9	6.5
N830788		1.00	0.98	<0.05	0.1	0.07	0.007	0.09	4.1	12.7	0.03	103	1.26	0.01	0.3	20.5
N830789		1.72	2.15	0.07	0.4	0.04	0.013	0.12	15.4	10.1	0.06	140	2.09	0.03	1.2	25.0
N830790		10.20	6.17	0.11	1.0	0.11	0.069	0.30	32.7	25.9	0.05	50	7.72	0.10	2.9	24.4
N830791		37.2	2.64	0.86	0.2	0.66	0.010	0.04	230	2.6	0.03	6190	21.6	<0.01	0.4	408
N830792		4.68	9.38	0.09	0.2	0.22	<0.005	0.08	33.1	4.0	0.02	92	2.97	0.01	0.7	24.0
N830793		0.24	0.41	0.09	<0.1	0.07	<0.005	0.04	9.2	2.4	0.10	73	0.44	<0.01	0.1	10.7
N830794		5.17	0.82	0.12	0.1	0.25	<0.005	0.07	7.9	3.0	0.02	122	30.3	0.01	0.4	120.5
N830795		7.14	1.22	0.25	0.1	0.58	0.006	0.06	100.5	3.8	0.02	270	8.17	0.01	0.3	182.0
N830796		1.30	0.45	0.07	0.1	0.04	<0.005	0.04	12.3	3.2	0.06	78	4.34	0.01	0.2	40.9
N830797		0.69	1.36	0.06	0.1	0.08	<0.005	0.03	7.3	11.1	0.01	54	1.77	<0.01	0.2	27.8
N830798		1.15	0.87	0.06	0.1	0.18	<0.005	0.03	6.9	11.3	0.01	138	2.06	<0.01	0.2	46.3
N830799		6.29	0.82	0.14	0.1	0.36	<0.005	0.06	32.2	3.0	0.02	95	6.10	0.01	0.3	116.5
N830800		0.78	0.14	0.05	<0.1	0.03	<0.005	0.01	2.9	1.9	0.01	108	1.61	<0.01	0.1	16.6
Q012999		42.6	3.55	0.48	0.4	1.72	0.020	0.50	39.3	3.6	0.10	864	72.4	0.01	1.5	2710
Q013000		1.26	2.29	0.05	0.3	0.05	0.008	0.45	5.3	3.4	0.18	540	0.66	<0.01	1.3	26.9
Q012918		0.12	0.09	0.06	<0.1	0.05	<0.005	0.01	3.0	0.6	0.15	143	0.52	0.01	<0.1	6.6
Q012919		0.17	0.14	0.07	<0.1	0.79	<0.005	0.01	6.4	1.0	0.12	234	15.75	<0.01	<0.1	5.6
Q012920		0.05	0.08	0.08	<0.1	0.03	<0.005	0.01	7.2	0.5	0.15	84	1.00	<0.01	<0.1	4.3
Q012921		0.22	0.21	0.07	<0.1	0.23	<0.005	0.02	3.8	0.7	0.19	97	1.67	0.01	0.2	25.7
Q012922		0.08	0.08	0.07	<0.1	0.05	<0.005	0.01	3.8	0.5	0.19	43	1.38	<0.01	0.1	6.6
Q012923		0.70	4.31	0.15	0.8	0.37	0.014	0.64	48.8	11.5	0.83	99	4.61	0.02	2.7	77.8
Q012924		0.23	0.12	0.07	<0.1	0.03	<0.005	0.02	1.6	0.7	0.18	47	0.90	0.01	0.1	34.3
Q012925		0.33	1.45	0.11	0.3	0.17	<0.005	0.22	39.7	4.6	2.79	49	1.38	0.01	0.8	31.0
Q012926		0.88	4.26	0.17	0.7	0.53	0.014	0.60	78.9	11.2	1.00	192	5.02	0.03	2.7	77.9
Q012927		0.06	0.09	0.06	<0.1	0.02	<0.005	0.01	3.2	0.5	0.18	75	0.34	0.01	<0.1	4.7
Q012928		0.14	0.18	0.08	<0.1	0.02	<0.005	0.02	6.9	1.4	0.04	95	0.37	0.01	0.1	5.4
Q012929		0.18	0.18	0.08	<0.1	0.15	<0.005	0.02	5.8	0.6	0.09	178	2.97	<0.01	0.1	4.8
Q012930		0.22	0.09	0.07	<0.1	0.02	<0.005	0.01	0.6	1.0	0.02	38	0.18	<0.01	<0.1	1.3
Q012931		4.41	2.83	0.11	0.4	0.16	0.013	0.25	33.9	4.8	0.04	138	8.71	0.03	1.2	66.1
Q012932		3.61	1.41	0.08	0.2	0.18	0.005	0.11	28.0	2.7	0.02	147	4.82	0.02	0.5	53.0

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

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N830778		120	1.7	5.0	<0.002	0.01	0.83	0.6	1	<0.2	201	<0.05	<0.05	0.5	0.010	0.18
N830779		1440	94.9	4.0	0.021	0.07	7.04	3.4	19	0.2	25.3	<0.05	<0.05	0.7	0.015	0.85
N830780		690	8.5	7.1	0.009	0.05	3.64	1.9	2	0.4	21.5	0.05	<0.05	1.2	0.024	0.87
N830781		290	7.7	2.8	0.014	0.05	2.71	0.7	8	0.2	10.6	<0.05	<0.05	0.3	0.007	0.33
N830782		1970	4.3	9.8	0.009	0.12	1.87	1.9	3	0.2	565	0.06	<0.05	1.0	0.028	0.26
N830783		1830	4.1	8.3	0.010	0.12	2.37	2.6	2	0.2	442	0.05	<0.05	0.9	0.024	0.30
N830784		1810	55.6	25.0	0.007	0.13	6.27	3.0	4	0.5	219	0.17	0.07	2.8	0.074	1.88
N830785		2050	8.7	2.2	0.003	0.02	0.92	2.2	2	<0.2	111.0	<0.05	<0.05	0.4	0.006	0.12
N830786		660	2.4	5.0	0.005	0.06	0.73	1.7	1	<0.2	226	<0.05	<0.05	0.6	0.016	0.14
N830787		1010	6.9	30.9	<0.002	0.56	0.54	2.9	3	0.6	147.0	0.17	0.09	5.0	0.123	0.38
N830788		270	3.8	5.1	0.002	0.01	0.87	1.2	<1	0.2	14.4	<0.05	<0.05	0.4	0.010	0.18
N830789		450	2.3	7.2	<0.002	0.01	0.83	2.6	1	0.2	144.0	0.07	0.05	1.8	0.044	0.15
N830790		2020	8.2	17.2	0.002	0.04	2.46	5.1	3	0.6	612	0.19	0.12	5.1	0.128	0.27
N830791		1440	1.8	2.6	0.008	0.01	11.65	3.1	18	<0.2	60.9	<0.05	<0.05	0.5	0.007	10.00
N830792		440	2.1	4.5	0.003	0.02	8.50	1.3	3	0.2	39.4	0.05	<0.05	1.0	0.026	0.39
N830793		170	1.5	2.3	<0.002	<0.01	0.60	0.6	1	<0.2	152.0	<0.05	<0.05	0.2	<0.005	0.09
N830794		210	6.0	3.8	0.002	0.01	11.75	0.8	17	<0.2	10.3	<0.05	<0.05	0.4	0.012	0.42
N830795		1450	1.8	3.5	0.003	0.01	12.70	1.1	7	<0.2	59.6	<0.05	<0.05	0.4	0.011	0.60
N830796		540	0.8	2.1	<0.002	<0.01	2.23	0.9	1	<0.2	150.5	<0.05	<0.05	0.2	0.005	0.11
N830797		750	1.3	1.8	<0.002	<0.01	7.02	0.5	1	<0.2	20.3	<0.05	<0.05	0.2	0.005	0.10
N830798		470	2.2	1.6	0.005	<0.01	2.12	0.3	1	<0.2	16.0	<0.05	<0.05	0.2	0.005	0.25
N830799		470	1.9	3.6	0.002	0.01	4.12	1.4	11	0.2	43.9	<0.05	<0.05	0.5	0.011	1.28
N830800		110	<0.5	0.4	<0.002	0.01	0.32	0.4	1	<0.2	13.2	<0.05	<0.05	<0.2	<0.005	0.06
Q012999		740	571	21.2	<0.002	0.01	86.2	12.2	35	0.3	46.9	0.10	<0.05	1.5	0.050	8.50
Q013000		120	4.1	17.1	<0.002	0.04	2.89	6.5	1	0.3	87.9	0.09	<0.05	1.3	0.046	1.31
Q012918		380	3.4	0.3	<0.002	0.01	0.47	5.1	1	<0.2	138.0	<0.05	<0.05	<0.2	<0.005	0.03
Q012919		220	2270	0.4	<0.002	0.02	12.70	8.7	1	<0.2	234	<0.05	<0.05	<0.2	<0.005	0.64
Q012920		90	16.8	0.3	0.003	0.01	0.45	4.7	1	<0.2	177.5	<0.05	<0.05	<0.2	<0.005	0.02
Q012921		110	19.4	1.0	<0.002	0.01	1.61	3.3	1	<0.2	177.0	<0.05	<0.05	<0.2	<0.005	0.15
Q012922		250	3.8	0.4	<0.002	0.01	0.50	0.3	1	<0.2	189.0	<0.05	<0.05	<0.2	<0.005	0.06
Q012923		1000	4.3	29.5	0.013	0.16	6.42	4.3	7	0.6	423	0.17	0.09	2.8	0.084	0.49
Q012924		430	1.1	0.5	<0.002	0.01	0.28	0.3	1	<0.2	192.0	<0.05	<0.05	<0.2	<0.005	0.19
Q012925		1120	1.9	9.0	0.006	0.13	1.96	1.8	3	0.2	393	0.06	<0.05	0.9	0.028	0.31
Q012926		2800	8.2	27.0	0.003	0.13	4.75	6.0	4	0.5	405	0.18	0.08	2.8	0.081	4.00
Q012927		430	0.5	0.4	<0.002	0.02	0.20	2.1	1	<0.2	183.0	<0.05	<0.05	<0.2	<0.005	0.23
Q012928		200	1.2	0.9	<0.002	<0.01	0.24	0.8	1	<0.2	58.1	<0.05	<0.05	<0.2	<0.005	0.05
Q012929		180	0.7	0.7	0.003	0.01	0.44	2.9	1	<0.2	182.0	<0.05	<0.05	<0.2	0.006	0.04
Q012930		20	0.8	0.5	<0.002	<0.01	0.10	0.1	<1	<0.2	22.2	<0.05	<0.05	<0.2	<0.005	<0.02
Q012931		810	4.9	16.2	<0.002	0.07	5.50	1.8	2	0.3	59.9	0.08	<0.05	1.7	0.051	1.85
Q012932		810	2.5	6.6	<0.002	0.05	3.31	0.9	1	0.3	52.1	<0.05	<0.05	1.2	0.022	0.92

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CERTIFICATE OF ANALYSIS WH14099481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001
N830778		0.8	57	0.1	4.6	194	4.0		
N830779		17.9	787	0.4	156.0	7410	7.5		
N830780		6.6	229	0.4	23.8	676	9.5		
N830781		4.3	104	0.2	12.5	412	3.9		
N830782		5.7	179	0.3	40.7	254	12.6		
N830783		5.2	152	0.3	33.6	225	10.1		
N830784		9.1	375	0.8	36.5	890	32.2		
N830785		13.6	131	0.1	23.6	79	4.0		
N830786		7.3	148	0.2	21.1	120	7.8		
N830787		1.7	147	0.5	11.6	32	34.6		
N830788		0.6	26	0.1	6.3	95	4.8		
N830789		1.8	29	0.2	16.4	68	14.4		
N830790		4.1	127	0.7	13.2	104	37.2		
N830791		18.3	52	0.2	480	3740	5.5		
N830792		1.5	77	0.2	7.4	98	9.3		
N830793		1.2	7	<0.1	9.6	63	2.9		
N830794		4.0	29	0.1	9.2	1120	4.9		
N830795		6.3	27	0.1	92.1	1110	4.3		
N830796		1.0	8	0.1	26.3	171	2.0		
N830797		1.7	10	0.1	12.0	165	2.4		
N830798		0.9	14	0.1	6.4	214	2.0		
N830799		4.1	20	0.1	57.2	688	5.1		
N830800		1.3	6	<0.1	11.3	64	0.6		
Q012999		4.9	1310	2.4	275	>10000	17.0	3.77	2.88
Q013000		4.5	114	0.3	21.0	277	13.3		
Q012918		3.7	57	0.1	11.7	141	1.1		
Q012919		8.1	93	0.2	20.5	523	1.4		
Q012920		8.9	53	0.1	8.6	37	1.3		
Q012921		4.4	39	0.1	8.1	254	1.8		
Q012922		4.8	30	0.1	3.6	42	1.3		
Q012923		6.8	227	1.4	44.5	310	35.7		
Q012924		2.7	21	0.1	4.4	206	1.0		
Q012925		4.9	133	0.4	32.0	115	12.9		
Q012926		9.1	309	1.2	75.1	489	36.1		
Q012927		3.9	48	<0.1	8.3	30	1.1		
Q012928		1.6	6	0.1	10.3	22	1.3		
Q012929		1.4	10	0.1	19.6	38	1.8		
Q012930		0.3	1	<0.1	1.2	5	0.9		
Q012931		1.7	78	0.2	7.9	241	16.7		
Q012932		1.2	58	0.1	4.2	173	8.0		

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

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

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099481

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q012933		0.48	<0.01	0.32	0.44	2010	210	0.26	0.02	0.23	2.69	13.45	5.8	44	1.00	19.4
Q012934		0.30	<0.01	0.09	0.44	1640	150	0.19	0.02	0.17	2.29	5.80	8.5	27	0.92	13.2
Q012935		0.25	<0.01	0.10	0.10	797	190	<0.05	0.01	0.16	0.36	0.95	4.6	8	0.46	4.4
Q012936		0.41	<0.01	0.11	0.11	983	170	<0.05	0.01	0.10	0.53	2.76	7.0	8	0.55	4.4
Q012937		0.25	<0.01	0.37	0.29	1595	1060	0.46	0.01	0.35	13.40	6.33	264	5	0.20	4.3
Q012938		0.38	<0.01	0.24	0.96	572	310	0.31	0.03	0.18	1.32	10.70	35.6	22	3.18	10.6
Q012939		0.27	<0.01	0.15	0.46	7120	660	0.38	0.02	0.42	6.72	14.35	31.9	36	1.24	16.0
Q012940		0.30	<0.01	0.31	0.09	56.1	150	0.06	0.01	5.12	0.43	3.12	3.1	23	0.46	5.9
Q012941		0.24	<0.01	0.24	0.38	>10000	1060	0.90	0.02	0.85	17.80	54.9	138.0	65	0.94	26.8
Q012942		0.37	<0.01	0.11	0.06	259	70	0.13	0.01	17.00	0.96	2.32	2.2	9	0.30	4.6
Q012943		0.25	<0.01	0.22	0.26	3210	520	0.31	0.03	0.50	4.56	6.67	39.0	35	0.87	23.8
Q012944		0.29	<0.01	0.02	0.04	94.3	50	<0.05	0.01	35.8	0.65	1.78	4.4	4	0.10	3.1
Q012945		0.37	<0.01	0.04	0.02	20.9	20	<0.05	0.01	13.90	0.30	0.68	0.9	3	0.06	1.9
Q012946		0.45	<0.01	0.13	0.08	20.9	40	0.13	0.01	17.90	0.22	1.95	0.7	3	0.23	2.3
Q012947		0.17	<0.01	0.02	0.07	43.5	30	0.14	0.01	34.5	1.17	2.36	6.0	3	0.17	3.3
Q012948		0.28	<0.01	0.26	0.18	2160	320	<0.05	0.03	0.37	2.11	6.16	2.0	17	0.39	6.8
Q012949		0.55	<0.01	0.25	1.44	1090	200	0.51	0.03	2.34	3.82	9.23	65.4	17	1.87	8.5
Q012950		0.33	<0.01	0.10	0.14	>10000	740	0.11	0.01	0.53	8.47	4.29	69.8	59	0.40	3.5

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

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q012933		4.04	1.34	0.08	0.2	0.14	0.007	0.14	74.7	3.5	0.02	103	7.62	0.01	0.5	79.1
Q012934		4.56	0.95	0.10	0.1	0.43	0.006	0.05	18.5	2.0	0.01	118	3.27	0.01	0.2	73.9
Q012935		2.29	0.34	<0.05	0.1	0.04	<0.005	0.02	3.9	2.3	0.01	872	1.61	<0.01	0.1	50.4
Q012936		6.39	0.33	0.07	0.1	0.07	<0.005	0.03	8.4	2.8	0.01	773	1.54	<0.01	0.1	55.8
Q012937		17.50	0.48	0.12	0.1	0.31	<0.005	0.02	22.2	20.4	0.02	7220	34.1	<0.01	0.2	413
Q012938		7.57	2.45	0.08	0.3	0.12	0.006	0.31	31.8	8.4	0.07	1220	2.59	0.02	1.0	108.0
Q012939		15.35	1.66	0.14	0.2	0.87	<0.005	0.13	43.4	2.3	0.03	1440	22.2	0.01	0.5	354
Q012940		0.54	0.25	0.05	0.1	0.08	<0.005	0.02	10.2	1.3	0.02	104	0.88	0.01	0.2	13.2
Q012941		20.3	2.18	0.35	0.2	0.97	0.006	0.11	180.5	2.3	0.03	3670	42.8	0.01	0.5	424
Q012942		0.56	0.18	<0.05	<0.1	0.08	<0.005	0.02	8.5	2.0	0.05	187	1.52	<0.01	0.1	22.0
Q012943		6.16	1.04	0.05	0.2	0.17	0.006	0.08	23.1	3.7	0.02	1540	14.45	0.01	0.7	260
Q012944		0.42	0.14	<0.05	<0.1	0.05	<0.005	0.01	7.1	0.4	0.08	217	0.57	<0.01	0.1	15.6
Q012945		0.10	0.05	<0.05	<0.1	0.02	<0.005	<0.01	3.1	0.9	0.03	79	0.18	<0.01	<0.1	4.5
Q012946		0.13	0.28	<0.05	<0.1	0.03	<0.005	0.02	7.1	3.7	0.04	119	0.44	<0.01	0.1	8.5
Q012947		0.45	0.23	0.05	0.1	0.14	<0.005	0.02	7.5	0.5	0.05	286	0.41	<0.01	0.3	24.1
Q012948		4.30	0.95	0.07	0.3	1.11	0.008	0.39	22.1	7.2	0.01	67	10.95	0.01	0.6	10.6
Q012949		9.63	1.81	0.08	0.3	0.20	<0.005	0.21	23.2	6.5	0.06	619	11.25	0.01	0.7	420
Q012950		19.30	1.14	0.09	0.1	1.58	<0.005	0.04	16.7	1.7	0.01	2450	44.4	0.01	0.2	436

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q012933		530	2.4	7.7	<0.002	0.12	6.82	0.9	1	0.2	79.5	<0.05	<0.05	0.7	0.019	1.67
Q012934		950	1.5	2.9	<0.002	0.02	2.68	1.6	7	<0.2	80.2	<0.05	<0.05	0.4	0.007	0.74
Q012935		480	0.7	1.3	<0.002	<0.01	1.37	0.1	1	<0.2	9.9	<0.05	<0.05	<0.2	<0.005	1.83
Q012936		290	1.3	1.5	<0.002	<0.01	1.04	0.2	1	<0.2	10.5	<0.05	<0.05	<0.2	<0.005	1.48
Q012937		770	2.5	0.9	<0.002	<0.01	3.51	1.5	7	<0.2	51.4	<0.05	<0.05	0.2	<0.005	13.15
Q012938		340	3.0	16.9	<0.002	0.01	1.18	1.9	1	0.3	22.0	0.07	<0.05	1.2	0.033	1.90
Q012939		1380	5.9	6.4	0.004	0.01	53.1	3.3	8	0.2	44.7	<0.05	<0.05	0.6	0.020	2.15
Q012940		760	1.1	1.0	<0.002	0.01	0.34	0.4	1	<0.2	95.6	<0.05	<0.05	0.2	0.006	0.16
Q012941		2670	5.7	5.8	0.004	0.01	41.8	6.0	10	<0.2	63.2	<0.05	<0.05	0.9	0.016	5.52
Q012942		400	0.6	0.9	<0.002	<0.01	1.04	0.7	1	<0.2	17.6	<0.05	<0.05	<0.2	<0.005	0.19
Q012943		640	4.9	4.3	<0.002	0.01	15.60	1.2	5	<0.2	35.2	<0.05	<0.05	0.6	0.022	2.73
Q012944		140	0.5	0.7	<0.002	<0.01	0.36	0.4	1	<0.2	152.0	<0.05	<0.05	<0.2	<0.005	0.07
Q012945		40	<0.5	0.2	<0.002	<0.01	0.12	0.7	1	<0.2	30.6	<0.05	<0.05	<0.2	<0.005	0.04
Q012946		620	0.5	1.1	0.003	<0.01	0.37	1.3	1	<0.2	47.7	<0.05	0.06	0.2	<0.005	0.03
Q012947		390	1.1	1.0	0.002	0.01	0.26	1.8	1	<0.2	47.3	<0.05	<0.05	0.3	0.007	0.06
Q012948		210	10.4	10.7	0.004	0.66	17.80	1.4	9	0.2	71.2	<0.05	<0.05	1.3	0.024	1.35
Q012949		1160	3.2	10.6	0.003	0.01	1.64	1.7	4	0.3	93.7	0.05	<0.05	0.9	0.021	0.83
Q012950		1240	6.6	1.8	0.031	0.01	43.2	0.6	5	<0.2	37.2	<0.05	<0.05	0.3	0.006	4.64

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001
Q012933		1.5	85	0.1	17.5	211	6.4		
Q012934		3.1	34	0.1	22.0	323	2.7		
Q012935		0.5	7	0.1	1.0	112	2.2		
Q012936		0.6	6	<0.1	9.9	390	1.9		
Q012937		2.6	37	0.1	108.0	1570	3.5		
Q012938		1.6	42	0.2	77.5	577	10.6		
Q012939		7.0	93	0.4	39.8	1310	10.5		
Q012940		1.5	5	0.1	12.2	36	2.7		
Q012941		29.8	173	0.4	100.0	1160	10.6		1.290
Q012942		2.7	9	<0.1	10.5	77	1.5		
Q012943		1.6	66	0.2	17.2	1050	11.3		
Q012944		2.0	6	<0.1	10.6	92	1.0		
Q012945		0.8	3	<0.1	7.8	9	0.6		
Q012946		1.3	6	<0.1	15.9	24	1.4		
Q012947		2.7	12	0.1	22.5	84	3.4		
Q012948		2.7	24	0.1	5.3	72	10.3		
Q012949		4.9	36	0.1	144.5	543	9.0		
Q012950		4.1	30	0.1	13.5	1530	3.0		1.075

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Finalized Date: 14-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099481

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	SPL-21
WEI-21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62	PUL-31	PUL-QC	Zn-OG62

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

Finalized Date: 21-JUL-2014
Account: RCM

CERTIFICATE WH14101204

Project: NADALEEN

P.O. No.: R14-006

This report is for 72 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-JUL-2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

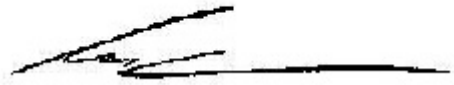
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 21-JUL-2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101204

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831751		0.62	0.01	73.9	0.37	202	2590	0.14	0.02	15.95	613	7.88	0.4	3	0.21	92.5
N831752		0.61	<0.01	95.9	0.26	187.0	1000	0.10	0.03	9.43	675	3.55	0.5	2	0.13	91.7
N831753		1.09	<0.01	>100	0.55	326	2850	0.13	0.09	10.40	>1000	7.12	1.4	5	0.33	420
N831754		0.55	<0.01	>100	0.46	307	650	0.12	0.07	11.00	>1000	7.08	1.1	4	0.27	326
N831755		0.32	<0.01	>100	0.85	306	80	0.29	0.04	14.05	509	14.30	1.9	8	0.52	124.5
N831756		0.96	0.02	>100	0.39	422	1040	0.11	0.02	8.62	>1000	6.65	1.3	3	0.31	293
N831757		0.29	<0.01	7.53	0.28	51.2	60	0.14	0.01	12.80	183.5	4.05	0.7	2	0.12	11.8
N831758		0.67	<0.01	>100	0.32	601	200	0.14	0.15	8.53	>1000	5.71	0.9	2	0.16	453
N831759		0.56	<0.01	>100	0.28	195.5	100	0.20	0.02	13.75	939	5.74	0.7	2	0.14	177.0
N831760		0.31	0.04	0.82	0.17	112.0	130	0.09	0.01	17.10	5.59	3.36	0.4	1	0.15	1.9
N831761		0.24	0.01	0.74	0.45	337	160	0.15	0.02	14.40	1.95	7.01	0.6	3	0.43	2.1
N831762		0.38	0.01	0.65	0.58	179.0	160	0.32	0.03	17.25	2.85	9.48	1.1	4	0.93	3.0
N831763		0.30	<0.01	0.18	0.20	81.4	60	0.12	0.01	17.45	0.75	4.12	0.4	1	0.20	1.3
N831764		0.27	0.01	0.35	0.40	187.0	80	0.15	0.02	14.85	1.99	6.21	0.6	4	0.39	2.0
N831765		0.20	<0.01	0.29	0.30	103.0	60	0.10	0.01	15.85	0.80	4.82	0.5	2	0.28	1.4
N831766		0.12	0.02	0.14	0.41	207	70	0.13	0.02	13.95	0.63	6.36	0.4	3	0.37	1.8
N831767		0.02	0.03	0.61	0.98	190.0	200	0.33	0.03	11.05	2.33	10.65	1.2	7	1.14	3.3
N831768		0.18	0.01	0.17	0.33	157.0	140	0.15	0.01	16.40	0.69	7.02	0.9	2	0.36	1.5
N831769		1.93	<0.01	0.19	2.01	192.0	230	0.35	0.04	10.95	1.17	26.4	1.7	8	2.51	3.2
N831770		1.17	0.01	0.15	1.98	201	240	0.37	0.04	9.63	2.29	22.7	1.8	11	2.41	3.2
N831771		1.08	<0.01	0.11	2.77	216	230	0.51	0.07	9.64	0.33	30.0	5.3	18	2.93	15.8
N831772		0.55	<0.01	0.06	3.14	179.5	290	0.49	0.07	6.58	0.20	47.9	9.7	19	1.10	8.1
N831773		0.86	<0.01	0.04	0.73	906	220	0.27	0.04	25.2	0.24	8.14	3.3	6	4.17	4.4
N831774		0.38	<0.01	0.07	5.43	7.9	390	1.46	0.21	3.73	0.44	50.5	13.8	54	3.26	41.4
N831775		0.47	<0.01	0.10	1.85	4.5	300	0.40	0.06	0.76	0.54	35.9	4.9	20	0.64	5.5
N831776		0.23	<0.01	0.10	5.44	12.2	210	0.76	0.14	6.99	0.58	41.2	26.4	62	2.41	122.5
N831777		0.20	<0.01	0.18	0.20	47.1	30	0.19	0.01	20.0	0.60	3.56	0.7	1	0.19	2.8
N831778		0.52	<0.01	0.11	0.10	9.2	10	0.12	0.01	32.1	0.51	3.60	0.5	1	0.15	1.5
N831779		0.48	<0.01	0.08	0.04	63.5	<10	0.06	<0.01	19.50	0.22	1.10	0.4	1	<0.05	1.4
N831780		0.26	<0.01	0.07	0.03	15.2	<10	0.07	<0.01	18.10	0.17	0.70	0.2	2	<0.05	0.9
N831781		0.51	<0.01	0.04	0.12	32.2	<10	0.09	0.01	19.10	0.07	2.37	0.4	1	0.10	0.9
N831782		0.22	<0.01	0.12	0.69	5.2	60	0.24	0.05	0.31	0.60	23.3	5.3	32	0.34	3.9
N831783		0.54	<0.01	0.08	2.03	17.0	170	0.55	0.10	0.05	0.17	46.1	5.4	45	2.03	11.7
N831784		0.50	<0.01	0.08	2.38	4.1	190	0.52	0.13	4.74	0.15	45.9	6.2	36	1.93	9.4
N831785		0.32	<0.01	0.10	1.25	5.5	100	0.47	0.07	1.77	0.82	18.90	3.1	11	0.78	5.6
N831786		0.23	<0.01	0.02	1.24	531	420	0.65	0.05	25.5	0.45	24.2	7.0	14	2.52	9.3
N831787		0.41	<0.01	0.03	0.61	4.7	3610	0.29	0.03	13.00	0.15	18.30	1.1	7	0.79	2.7
N831788		0.47	<0.01	0.04	0.45	2.3	100	0.18	0.04	34.6	0.08	9.97	2.2	3	0.32	4.6
N831789		0.36	<0.01	0.02	0.32	1.8	20	0.14	0.04	30.1	0.04	9.32	1.3	2	0.22	4.0
N831790		0.36	<0.01	0.02	0.11	<0.2	60	0.05	0.03	28.5	0.18	11.00	0.5	<1	0.08	1.8

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

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

Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101204

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N831751		1.92	5.34	0.11	0.2	>100	<0.005	0.13	4.9	2.3	9.61	1760	0.51	0.01	0.5	0.7
N831752		1.02	3.89	0.11	0.1	>100	0.012	0.08	2.1	7.6	5.56	818	0.34	0.01	0.2	1.0
N831753		1.02	6.88	0.12	0.3	>100	0.032	0.17	4.3	3.6	6.10	854	0.53	0.03	0.7	1.5
N831754		1.12	6.89	0.11	0.3	>100	0.028	0.15	4.2	3.3	6.53	906	0.60	0.01	0.7	1.2
N831755		1.56	5.56	0.12	0.5	>100	0.016	0.33	9.3	4.9	8.76	1100	0.56	0.01	1.6	2.2
N831756		1.62	7.65	0.10	0.2	>100	0.022	0.13	3.8	3.0	5.01	933	0.64	<0.01	0.6	1.6
N831757		0.91	0.84	0.09	0.1	10.55	<0.005	0.10	2.6	3.8	7.68	897	0.29	0.01	0.3	1.4
N831758		0.91	6.34	0.13	0.2	>100	0.024	0.09	3.1	3.1	4.93	796	0.35	0.01	0.5	1.4
N831759		1.08	5.76	0.12	0.3	>100	0.007	0.08	3.6	4.5	8.27	1080	0.28	0.01	0.4	1.5
N831760		0.41	0.41	0.11	0.1	2.56	<0.005	0.07	2.0	1.2	10.90	570	0.50	0.01	0.3	0.7
N831761		0.75	1.15	0.13	0.3	2.36	<0.005	0.20	4.1	1.7	8.92	365	0.38	0.01	0.9	1.5
N831762		0.58	1.80	0.15	0.4	3.88	<0.005	0.27	5.9	3.2	11.05	521	0.77	0.01	1.1	2.2
N831763		0.31	0.54	0.15	0.2	1.02	<0.005	0.09	2.6	1.2	11.20	360	0.21	0.01	0.4	0.7
N831764		0.40	1.07	0.16	0.4	2.37	<0.005	0.19	3.7	2.0	9.43	320	0.29	0.01	0.8	1.5
N831765		0.40	0.75	0.14	0.2	1.29	<0.005	0.14	2.8	1.6	10.10	511	0.65	0.01	0.5	0.9
N831766		0.43	1.14	0.16	0.3	1.39	<0.005	0.19	3.8	1.7	8.94	303	0.23	0.01	0.8	1.2
N831767		0.65	2.72	0.14	0.6	3.50	0.006	0.45	6.0	3.8	6.84	471	0.41	0.01	1.6	2.0
N831768		0.47	0.97	0.14	0.2	1.95	<0.005	0.15	3.5	1.6	10.45	776	0.18	0.01	0.5	1.7
N831769		1.18	3.68	0.11	1.0	0.89	0.014	1.06	12.0	6.0	6.26	836	0.23	0.02	2.3	5.4
N831770		1.37	4.01	0.19	1.1	1.16	0.014	1.02	9.5	9.8	5.42	1130	0.10	0.02	2.5	5.3
N831771		1.88	5.88	0.20	1.6	0.81	0.019	1.24	12.7	8.5	5.78	881	0.10	0.19	3.8	10.8
N831772		5.76	5.63	0.19	1.7	0.14	0.033	1.16	21.6	70.9	2.06	2250	0.33	0.08	3.6	17.9
N831773		0.99	1.97	0.12	0.3	0.08	0.005	0.25	4.2	14.0	0.57	493	0.08	0.09	1.3	5.5
N831774		5.30	15.20	0.20	2.5	0.08	0.062	1.65	26.1	46.6	2.06	1300	0.21	0.59	8.0	33.0
N831775		0.75	3.20	0.16	2.7	0.12	0.012	0.91	17.2	5.1	0.30	713	0.16	0.69	3.0	6.7
N831776		5.29	14.75	0.17	2.5	0.11	0.071	0.60	18.0	57.5	2.14	1770	0.28	1.38	7.9	42.5
N831777		0.37	0.54	0.13	0.1	0.89	<0.005	0.06	2.4	1.5	12.55	2010	0.11	0.03	0.3	1.2
N831778		0.23	0.33	0.15	<0.1	0.20	<0.005	0.05	2.2	1.2	0.42	141	<0.05	0.01	0.1	0.6
N831779		0.31	0.15	0.14	<0.1	0.13	<0.005	0.01	0.6	0.8	12.45	438	0.18	0.01	0.1	0.7
N831780		0.17	0.09	0.15	<0.1	0.09	<0.005	<0.01	<0.5	0.7	11.60	337	0.23	0.01	<0.1	0.3
N831781		0.21	0.34	0.19	0.1	0.15	<0.005	0.05	1.3	0.9	12.15	421	0.33	0.01	0.2	0.7
N831782		1.11	1.83	0.17	0.9	0.11	0.007	0.18	11.0	36.5	0.17	537	0.19	0.01	3.2	7.9
N831783		3.45	5.37	0.20	2.2	0.08	0.019	0.87	23.0	37.5	0.17	133	3.32	0.07	12.0	17.1
N831784		2.24	5.94	0.18	2.3	0.05	0.015	0.82	24.2	25.4	0.52	330	0.37	0.12	10.5	15.1
N831785		1.65	3.38	0.15	0.9	0.13	0.016	0.51	7.9	10.6	0.74	712	0.24	0.01	2.1	4.5
N831786		2.60	3.48	0.16	0.6	0.36	0.012	0.64	11.2	17.9	1.01	305	0.60	0.01	2.0	19.8
N831787		1.04	1.35	0.09	0.7	0.09	0.006	0.24	8.2	43.4	7.69	250	0.33	0.02	0.9	3.1
N831788		0.82	1.20	0.09	0.2	0.04	0.012	0.14	5.0	7.7	0.30	85	0.08	0.01	0.7	5.7
N831789		4.26	0.89	0.08	0.1	0.01	0.006	0.12	3.6	6.2	1.88	432	0.08	0.01	0.5	2.8
N831790		4.22	0.37	0.09	<0.1	0.02	0.006	0.04	3.3	2.6	3.44	376	0.05	0.01	0.2	1.1

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

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

Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101204

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N831751		720	2490	4.1	<0.002	0.10	85.5	1.0	1	<0.2	77.3	<0.05	<0.05	0.8	0.015	0.76
N831752		450	1030	2.7	<0.002	0.16	45.9	0.8	2	0.2	69.0	<0.05	<0.05	0.3	0.008	0.56
N831753		470	>10000	5.3	<0.002	0.29	75.2	0.9	4	0.3	90.1	0.05	0.05	0.9	0.023	1.55
N831754		400	7370	4.9	<0.002	0.21	91.5	0.9	3	0.3	81.8	0.05	<0.05	0.9	0.022	1.18
N831755		540	1140	10.3	<0.002	0.09	28.8	1.7	2	0.4	93.0	0.11	<0.05	1.8	0.048	1.17
N831756		250	2550	4.2	<0.002	0.16	132.5	0.9	4	0.2	71.9	<0.05	<0.05	0.7	0.017	1.91
N831757		260	146.0	3.0	<0.002	0.04	3.04	0.6	1	<0.2	71.2	<0.05	<0.05	0.4	0.009	0.67
N831758		280	>10000	3.0	<0.002	0.19	134.0	0.7	8	0.2	75.5	<0.05	<0.05	0.6	0.016	5.26
N831759		500	1440	2.7	<0.002	0.39	39.2	0.9	2	<0.2	70.2	<0.05	<0.05	0.4	0.012	0.50
N831760		170	24.9	2.1	<0.002	0.01	0.52	0.3	1	<0.2	94.3	<0.05	<0.05	0.3	0.009	0.48
N831761		290	64.9	6.3	<0.002	0.01	0.61	0.7	1	0.2	88.1	0.07	<0.05	1.0	0.030	1.15
N831762		150	23.6	9.0	<0.002	0.01	0.53	1.2	1	0.2	110.5	0.07	<0.05	1.3	0.033	1.06
N831763		180	12.6	2.8	<0.002	<0.01	0.44	0.4	1	<0.2	79.2	<0.05	<0.05	0.4	0.012	0.51
N831764		300	14.4	5.7	<0.002	0.01	0.46	0.7	<1	0.2	85.4	0.07	<0.05	0.8	0.028	0.96
N831765		210	20.2	4.3	<0.002	0.01	0.29	0.5	1	<0.2	86.6	<0.05	<0.05	0.5	0.017	0.60
N831766		250	10.9	6.0	<0.002	0.01	0.39	0.7	1	0.2	66.5	0.07	<0.05	0.8	0.028	0.79
N831767		200	52.0	15.3	<0.002	0.04	1.14	1.3	1	0.4	80.6	0.13	<0.05	1.6	0.051	1.52
N831768		190	16.2	4.7	<0.002	0.01	0.44	0.8	1	<0.2	82.5	<0.05	<0.05	0.6	0.017	0.81
N831769		230	31.4	32.0	<0.002	0.04	0.47	1.9	<1	0.4	128.5	0.17	<0.05	3.2	0.066	1.15
N831770		260	27.5	30.3	<0.002	0.03	0.36	2.5	1	0.4	145.5	0.20	<0.05	3.6	0.076	0.91
N831771		360	26.6	41.1	<0.002	0.04	0.32	4.4	1	0.6	119.0	0.30	<0.05	4.4	0.160	1.05
N831772		260	9.8	41.5	<0.002	0.02	30.1	4.2	1	0.7	64.0	0.32	<0.05	9.4	0.117	0.22
N831773		90	3.5	15.8	<0.002	0.07	0.18	1.7	1	0.2	454	0.09	<0.05	1.3	0.042	0.09
N831774		460	15.9	87.3	<0.002	0.03	0.18	16.4	1	1.6	235	0.59	<0.05	7.9	0.385	0.42
N831775		620	10.1	32.8	<0.002	<0.01	0.23	2.1	1	0.4	40.5	0.22	<0.05	4.4	0.086	0.17
N831776		480	9.8	28.9	<0.002	0.06	0.41	22.7	1	1.4	92.2	0.52	0.13	3.4	0.629	0.24
N831777		90	8.1	2.2	<0.002	0.01	0.17	0.6	1	<0.2	67.8	<0.05	<0.05	0.4	0.011	4.20
N831778		20	2.7	1.8	<0.002	<0.01	0.07	0.3	1	<0.2	1240	<0.05	<0.05	0.2	<0.005	0.09
N831779		170	6.0	0.4	<0.002	<0.01	0.06	0.1	1	<0.2	68.3	<0.05	<0.05	<0.2	<0.005	0.58
N831780		170	5.5	0.2	<0.002	<0.01	<0.05	0.1	1	<0.2	72.5	<0.05	<0.05	<0.2	<0.005	0.12
N831781		540	3.0	1.6	<0.002	<0.01	<0.05	0.2	1	<0.2	59.3	<0.05	<0.05	0.2	0.005	0.44
N831782		140	11.7	8.5	<0.002	0.01	0.20	1.1	1	0.3	13.4	0.20	<0.05	1.9	0.064	0.07
N831783		140	15.3	44.1	<0.002	0.03	0.87	3.3	1	0.7	28.8	0.75	<0.05	6.2	0.236	0.28
N831784		490	11.0	43.2	<0.002	0.01	0.42	3.8	2	0.8	87.5	0.70	<0.05	5.8	0.218	0.18
N831785		160	436	22.4	<0.002	0.04	0.91	2.7	1	0.5	38.2	0.15	<0.05	2.2	0.079	0.14
N831786		130	8.4	31.6	<0.002	<0.01	0.37	3.4	1	0.5	215	0.17	<0.05	2.6	0.058	1.66
N831787		110	4.5	9.9	<0.002	0.11	0.14	1.0	1	0.2	1135	0.06	<0.05	1.3	0.025	0.13
N831788		40	5.1	6.2	<0.002	0.03	0.17	1.0	1	0.2	1655	0.05	<0.05	0.9	0.022	0.05
N831789		130	2.2	4.9	<0.002	<0.01	0.14	0.8	2	<0.2	739	<0.05	<0.05	0.6	0.013	0.05
N831790		20	0.9	1.6	<0.002	<0.01	0.12	0.6	1	<0.2	561	<0.05	<0.05	0.2	0.005	0.03

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101204

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.1
N831751		2.0	4	0.4	5.0	>10000	5.8			4.53	154.0
N831752		1.2	3	0.2	3.2	>10000	3.6			6.24	191.5
N831753		4.2	7	0.4	6.6	>10000	11.5	465	1.125	17.60	504
N831754		4.6	6	0.4	7.4	>10000	14.2	354		13.75	420
N831755		3.7	9	1.0	5.1	>10000	19.1	134		6.24	206
N831756		1.6	7	0.4	3.7	>10000	6.7	169		22.7	422
N831757		1.1	4	0.2	2.6	>10000	4.0			2.24	
N831758		2.4	6	0.4	3.1	>10000	6.0	752	7.11	16.90	485
N831759		1.6	6	0.3	3.5	>10000	4.5	127		9.65	276
N831760		0.3	1	0.4	1.3	589	3.9				
N831761		0.8	3	0.7	2.5	264	12.9				
N831762		1.1	6	0.8	3.1	352	12.6				
N831763		0.5	2	0.4	1.6	107	5.6				
N831764		0.7	3	0.7	2.5	188	14.4				
N831765		0.6	2	0.6	1.9	88	7.7				
N831766		0.8	3	0.7	2.3	70	11.3				
N831767		1.1	6	1.2	3.3	245	21.2				
N831768		0.6	3	0.4	2.6	66	8.3				
N831769		1.0	14	0.9	6.6	90	41.8				
N831770		1.0	13	0.8	6.0	219	47.5				
N831771		1.2	29	0.7	7.9	51	62.5				
N831772		2.2	19	0.4	21.4	48	56.2				
N831773		0.4	11	0.2	2.4	37	11.6				
N831774		1.6	105	1.0	17.7	96	86.6				
N831775		3.2	19	0.3	9.9	52	93.4				
N831776		1.0	181	0.5	22.6	89	96.9				
N831777		1.9	3	0.4	2.5	91	2.9				
N831778		1.4	1	<0.1	1.4	54	2.2				
N831779		1.0	1	0.2	1.0	70	1.1				
N831780		1.1	<1	0.1	0.7	22	0.8				
N831781		1.1	1	0.2	1.9	28	3.0				
N831782		0.5	8	0.2	4.3	75	27.1				
N831783		1.7	42	0.7	8.6	33	85.3				
N831784		1.4	28	0.9	11.1	50	80.7				
N831785		0.7	16	0.3	9.9	32	29.2				
N831786		1.2	15	0.5	13.2	118	22.1				
N831787		1.1	9	0.1	5.5	20	23.6				
N831788		1.6	6	0.1	6.2	7	6.7				
N831789		1.1	4	0.1	6.9	6	5.0				
N831790		0.3	1	<0.1	16.0	30	1.7				

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

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

Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101204

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N831791		0.24	<0.01	0.02	0.16	1.7	<10	0.14	0.03	33.9	0.47	6.76	0.9	3	0.15	2.5
N831792		0.17	<0.01	0.15	3.05	87.8	140	0.94	0.20	0.36	0.13	34.7	26.0	33	4.43	20.8
N831793		0.25	<0.01	0.02	1.92	919	2090	0.91	0.07	23.3	0.17	28.5	7.0	21	4.06	13.7
N831701		0.23	<0.01	0.07	0.10	10.3	50	0.12	0.02	18.95	0.33	3.46	0.6	1	0.06	1.9
N831702		0.77	<0.01	0.05	0.17	4.8	30	0.25	0.03	20.1	0.17	7.94	0.7	1	0.12	2.6
N831703		0.78	<0.01	0.06	3.31	5.6	190	0.45	0.06	2.19	0.33	38.9	3.1	13	1.10	3.5
N831704		0.63	<0.01	0.43	0.21	60.5	160	0.18	0.02	19.20	3.03	7.10	0.7	1	0.11	3.7
N831705		0.64	<0.01	1.01	0.26	44.8	120	0.15	0.03	20.2	1.89	7.67	1.0	2	0.16	3.8
N831706		0.83	<0.01	0.62	0.42	56.1	130	0.31	0.03	20.0	5.23	9.96	1.4	2	0.21	5.4
N831707		0.06	<0.01	4.26	1.08	565	260	0.39	0.08	16.80	11.60	24.8	2.2	6	0.49	11.7
N831708		1.13	<0.01	0.02	0.23	54.4	10	0.13	0.02	16.00	0.14	6.51	0.7	2	0.07	1.4
N831709		0.47	<0.01	0.09	8.02	1510	580	2.23	0.43	1.68	0.23	94.6	17.2	63	6.52	49.9
N831710		0.28	<0.01	0.03	0.32	63.0	30	0.10	0.03	6.08	0.41	6.78	0.7	9	0.23	1.8
N831711		0.96	<0.01	0.03	1.01	221	120	0.19	0.04	0.15	0.17	16.40	2.4	15	0.19	2.2
N831712		0.16	<0.01	0.04	2.31	24.9	330	1.05	0.15	1.17	0.49	43.7	11.7	25	2.06	11.1
N831713		0.56	<0.01	0.11	0.48	39.4	20	0.14	0.02	18.95	0.13	5.11	0.6	4	0.36	1.7
N831714		0.20	<0.01	0.03	3.11	28.4	370	1.36	0.16	7.24	0.56	74.6	14.3	36	1.09	51.6
N831715		0.86	<0.01	0.04	0.14	52.4	10	0.13	0.02	20.4	0.64	3.25	0.6	1	0.10	1.7
N831716		0.42	<0.01	0.03	0.57	3.9	20	0.26	0.03	33.6	0.04	8.77	1.3	4	1.05	3.5
N831717		0.69	<0.01	0.21	0.74	162.5	30	0.26	0.03	17.15	0.18	8.59	1.5	5	0.69	2.7
N831718		0.58	<0.01	0.01	0.09	32.6	<10	0.10	0.02	20.1	0.05	2.61	0.4	1	0.08	1.3
N831719		0.39	<0.01	0.02	0.03	5.3	<10	0.05	0.01	19.55	0.14	0.75	0.2	<1	<0.05	0.8
N831720		0.59	<0.01	0.05	0.06	9.9	<10	0.07	0.01	18.75	1.49	1.21	0.3	1	0.05	0.8
N831721		0.56	<0.01	0.07	3.00	14.7	510	0.74	0.16	5.01	0.42	37.4	10.4	29	1.77	28.1
N831722		0.68	<0.01	0.07	0.67	4.6	60	0.15	0.05	2.19	0.18	28.9	1.6	37	0.45	3.8
N831723		0.55	<0.01	0.02	0.71	4.2	20	0.09	0.03	1.39	0.11	11.10	4.1	25	0.09	5.3
N831724		0.34	<0.01	0.04	2.18	15.2	210	0.28	0.30	0.54	2.42	73.9	5.8	38	0.51	23.1
N831725		0.18	<0.01	0.04	5.46	3.1	370	0.43	0.09	4.21	0.91	21.1	34.4	125	0.49	97.5
N831726		0.41	<0.01	0.10	7.18	3.4	80	1.31	0.21	1.66	0.58	47.3	39.5	78	2.75	164.0
N831727		0.15	<0.01	0.28	0.84	5070	1000	0.29	0.04	3.44	3.02	20.5	0.7	8	0.90	4.1
N831728		0.37	<0.01	0.04	0.51	574	110	0.16	0.03	18.45	0.20	12.20	1.5	5	0.27	4.3
N831729		0.89	<0.01	0.03	0.18	137.5	40	0.21	0.02	17.75	0.23	4.21	0.7	2	0.11	3.2

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Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101204

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N831791		0.55	0.49	0.07	0.1	0.02	<0.005	0.06	2.8	5.3	1.21	143	0.24	0.02	0.3	1.3
N831792		3.73	7.69	0.11	1.4	0.06	0.034	1.24	17.2	64.5	0.32	492	0.93	0.02	4.0	28.1
N831793		3.78	5.04	0.10	1.0	0.66	0.015	0.59	14.2	17.0	1.52	349	0.43	0.01	3.3	20.4
N831701		1.28	0.27	0.06	<0.1	0.05	<0.005	0.03	1.7	1.8	11.20	1360	0.05	0.01	0.1	1.4
N831702		0.65	0.52	0.12	0.1	0.08	<0.005	0.07	5.8	1.3	12.45	1130	0.15	0.01	0.3	1.4
N831703		2.93	6.27	0.11	2.1	0.08	0.027	1.33	18.0	19.0	0.25	652	0.15	0.02	3.1	9.3
N831704		1.45	0.60	0.09	0.1	0.95	<0.005	0.06	4.6	1.4	11.00	2340	0.31	0.01	0.3	3.1
N831705		1.89	0.63	0.08	0.1	0.39	<0.005	0.07	5.4	2.1	12.15	2100	0.25	0.01	0.4	3.1
N831706		1.52	1.06	0.09	0.2	1.15	<0.005	0.11	6.6	1.8	12.20	2250	0.60	0.01	0.7	3.7
N831707		3.39	2.91	0.10	0.6	3.69	0.007	0.30	18.2	4.4	10.20	3160	2.50	0.01	2.2	13.7
N831708		0.59	0.64	0.11	0.2	1.63	<0.005	0.04	3.1	6.8	10.05	551	0.09	0.02	0.4	1.1
N831709		4.75	21.8	0.19	2.7	3.86	0.073	2.51	47.4	61.5	1.47	1060	0.53	0.32	13.3	37.8
N831710		0.41	0.77	0.11	0.2	1.34	0.005	0.12	3.7	7.0	3.38	344	0.10	0.01	0.6	1.4
N831711		0.89	2.60	0.10	0.8	0.17	0.010	0.39	7.0	38.8	0.08	192	0.20	0.01	1.5	4.9
N831712		5.17	5.75	0.12	0.9	0.16	0.030	0.76	18.0	50.0	0.56	5860	0.31	0.04	2.3	23.0
N831713		0.35	1.04	0.15	0.4	0.66	<0.005	0.20	2.7	1.4	12.05	538	0.23	0.01	0.7	1.3
N831714		9.07	8.53	0.16	1.3	0.18	0.040	0.58	26.7	61.3	1.65	7540	0.37	0.06	4.4	30.1
N831715		0.53	0.39	0.11	0.1	0.61	<0.005	0.06	2.0	1.1	12.70	831	0.35	0.01	0.2	1.3
N831716		0.44	1.62	0.10	0.2	0.03	0.006	0.25	4.5	2.4	0.26	125	0.08	0.01	1.0	2.5
N831717		0.80	1.63	0.13	0.7	2.16	<0.005	0.31	4.5	2.3	10.65	912	0.99	0.02	1.3	3.0
N831718		0.36	0.24	0.16	<0.1	0.09	<0.005	0.03	1.9	0.5	12.65	894	0.06	0.01	0.1	0.8
N831719		0.10	0.12	0.25	<0.1	0.28	<0.005	<0.01	<0.5	0.5	12.35	386	0.08	0.01	<0.1	0.3
N831720		0.12	0.28	0.27	<0.1	2.39	<0.005	0.01	0.7	0.7	11.80	326	0.17	0.01	0.1	0.5
N831721		3.56	8.43	0.13	2.0	0.30	0.039	1.01	17.3	23.2	2.42	1160	0.73	0.18	9.1	17.6
N831722		1.10	1.67	0.11	1.2	0.07	0.008	0.28	14.6	8.4	0.37	267	0.21	0.01	6.1	3.9
N831723		1.20	0.99	0.09	0.4	0.09	0.009	0.03	5.0	15.5	0.15	850	0.17	0.45	0.5	4.8
N831724		2.59	5.55	0.14	1.3	0.19	0.133	0.28	35.8	27.5	0.27	1440	0.30	0.01	6.4	8.1
N831725		7.21	15.25	0.10	1.4	0.03	0.067	0.15	9.2	36.5	3.06	1640	0.18	1.78	6.1	65.6
N831726		8.16	22.2	0.13	1.6	0.05	0.098	1.41	21.7	52.7	3.50	896	0.18	0.79	12.3	66.7
N831727		1.43	1.80	0.09	0.4	>100	0.006	0.26	12.7	7.2	1.79	645	0.17	0.01	1.0	3.8
N831728		1.02	1.37	0.12	0.4	8.54	0.005	0.15	6.4	2.2	11.35	995	0.20	0.03	0.8	3.3
N831729		0.56	0.57	0.12	0.1	1.35	<0.005	0.06	2.9	1.3	11.05	1400	0.33	0.01	0.4	1.8

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N831791		270	4.4	2.7	<0.002	0.10	0.15	1.1	1	<0.2	1520	<0.05	<0.05	0.4	0.010	0.04
N831792		200	143.5	57.8	<0.002	<0.01	1.28	5.5	1	0.9	28.1	0.30	0.16	5.9	0.141	0.42
N831793		390	4.9	31.5	<0.002	0.05	0.56	3.7	2	0.7	730	0.24	<0.05	4.3	0.090	1.02
N831701		750	7.7	1.1	<0.002	0.01	0.25	0.6	1	<0.2	110.0	<0.05	<0.05	0.2	<0.005	0.06
N831702		290	8.9	2.0	<0.002	<0.01	0.32	0.5	1	<0.2	81.2	<0.05	<0.05	0.4	0.006	0.55
N831703		170	9.8	39.0	<0.002	0.01	0.25	2.8	1	0.7	32.9	0.27	<0.05	8.6	0.090	0.24
N831704		320	51.0	1.8	<0.002	0.01	1.00	0.9	1	<0.2	76.4	<0.05	<0.05	0.5	0.009	0.80
N831705		270	208	2.2	<0.002	0.01	1.71	1.0	1	<0.2	91.4	<0.05	<0.05	0.5	0.009	0.45
N831706		690	142.0	3.5	<0.002	0.01	2.59	1.1	1	0.2	117.0	0.05	<0.05	0.9	0.016	0.88
N831707		1270	768	9.8	0.002	0.02	12.25	1.2	1	0.4	120.5	0.15	0.06	2.7	0.047	4.57
N831708		150	7.5	2.1	<0.002	0.01	0.56	0.4	1	<0.2	76.3	<0.05	<0.05	1.4	0.012	0.12
N831709		610	37.9	125.5	<0.002	0.02	3.21	14.5	1	2.6	95.4	1.01	<0.05	16.7	0.368	1.30
N831710		330	6.7	4.1	<0.002	0.01	0.30	0.5	<1	0.2	30.4	<0.05	<0.05	0.6	0.018	0.06
N831711		60	11.5	14.4	<0.002	0.01	4.97	1.6	<1	0.3	21.2	0.11	<0.05	3.1	0.048	0.09
N831712		280	10.1	37.0	<0.002	0.01	0.46	5.3	1	0.6	24.0	0.17	<0.05	4.7	0.071	0.24
N831713		190	16.8	5.6	0.002	0.02	0.20	0.5	1	0.2	71.8	0.05	<0.05	1.0	0.020	0.36
N831714		5780	12.6	29.7	0.002	0.04	0.34	16.3	2	0.8	319	0.30	0.08	3.7	0.241	0.32
N831715		460	7.9	2.0	<0.002	0.01	0.12	0.3	1	<0.2	82.1	<0.05	<0.05	0.3	0.007	0.62
N831716		110	5.4	10.4	<0.002	0.01	0.13	1.2	1	0.2	2050	0.07	<0.05	1.1	0.027	0.09
N831717		420	24.2	9.7	<0.002	0.04	0.23	1.2	1	0.2	76.2	0.10	<0.05	1.7	0.035	2.32
N831718		150	4.2	1.1	<0.002	<0.01	0.09	0.2	1	<0.2	61.9	<0.05	<0.05	0.2	<0.005	0.36
N831719		170	28.7	0.2	<0.002	<0.01	0.29	0.1	<1	<0.2	63.1	<0.05	<0.05	<0.2	<0.005	0.05
N831720		180	24.1	0.6	<0.002	<0.01	0.21	0.1	1	<0.2	69.1	<0.05	<0.05	<0.2	<0.005	0.06
N831721		350	22.3	45.8	0.002	0.14	0.74	6.7	1	1.2	48.0	0.62	<0.05	5.4	0.236	0.29
N831722		80	6.3	12.0	<0.002	0.01	0.29	1.2	1	0.3	28.3	0.33	<0.05	3.0	0.110	0.08
N831723		50	8.0	1.3	<0.002	0.01	0.19	1.9	<1	<0.2	69.4	0.05	<0.05	1.7	0.021	<0.02
N831724		780	8.5	12.9	<0.002	0.02	0.35	10.6	2	1.0	750	0.47	0.23	11.4	0.175	0.08
N831725		340	7.3	7.1	<0.002	0.03	0.25	28.0	1	1.1	73.3	0.41	0.05	2.1	0.986	0.05
N831726		660	9.0	63.0	0.002	0.04	0.35	29.8	2	1.9	50.4	0.80	0.25	3.7	0.803	0.36
N831727		1350	120.0	9.5	<0.002	0.04	10.45	0.9	1	0.4	989	0.06	0.06	1.4	0.029	5.11
N831728		550	14.7	4.3	<0.002	0.02	1.26	1.3	1	0.2	139.5	0.06	<0.05	1.1	0.031	2.77
N831729		220	8.8	2.1	<0.002	0.01	0.44	0.6	1	<0.2	112.5	<0.05	<0.05	0.4	0.011	5.59

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

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

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

Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101204

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.1
N831791		4.2	9	0.1	4.8	143	8.2				
N831792		1.9	40	0.6	9.7	115	52.3				
N831793		2.8	28	0.8	15.4	68	37.1				
N831701		1.3	2	0.1	2.8	105	2.3				
N831702		1.7	2	0.1	4.2	70	2.9				
N831703		1.2	13	0.4	10.2	32	68.6				
N831704		2.1	4	0.2	9.1	950	5.5				
N831705		1.7	3	0.6	6.1	775	4.7				
N831706		3.8	3	0.6	9.1	749	8.0				
N831707		7.1	6	1.4	15.6	2830	23.2				
N831708		0.6	2	0.1	1.7	32	8.3				
N831709		3.2	85	1.6	23.0	124	92.4				
N831710		0.4	4	0.2	2.2	28	8.2				
N831711		0.5	8	0.1	3.2	76	25.2				
N831712		2.2	35	0.3	28.5	55	30.9				
N831713		1.4	3	0.5	2.2	80	15.0				
N831714		2.3	76	0.5	46.9	102	59.8				
N831715		1.8	2	0.1	2.5	66	3.3				
N831716		1.9	7	0.1	3.9	6	8.8				
N831717		2.0	6	3.3	4.1	192	24.7				
N831718		1.4	1	0.1	2.0	20	1.7				
N831719		1.0	<1	<0.1	0.8	13	0.8				
N831720		1.0	<1	0.1	1.0	43	1.3				
N831721		1.4	57	0.6	13.8	72	71.0				
N831722		0.6	8	0.3	8.5	31	42.7				
N831723		0.4	10	0.1	3.1	22	13.3				
N831724		1.2	58	0.4	18.6	101	49.9				
N831725		0.6	302	0.6	15.2	215	50.8				
N831726		1.0	270	0.6	21.1	141	61.4				
N831727		2.9	6	2.2	4.2	290	15.6				1960
N831728		1.8	9	0.5	3.9	47	15.9				
N831729		1.6	3	0.2	3.2	88	4.0				

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Finalized Date: 21-JUL-2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101204

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
CRU-31 CRU-QC LOG-22 SPL-21
WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Ag-OG62 Au-AA26 Hg-CV41 Hg-CV42
ME-MS61 ME-OG62 Pb-OG62 PUL-31
PUL-QC Zn-OG62

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

Finalized Date: 22-JUL-2014
Account: RCM

CERTIFICATE WH14103098

Project: NADALEEN

P.O. No.: R14-007

This report is for 38 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 22-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103098

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001	Hg-CV42 Hg ppm 0.1	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1
N831730		0.30	<0.01				0.19	5.29	16.0	250	0.99	0.18	9.61	1.00	59.7	28.3
N831731		0.28	<0.01				0.08	5.86	204	160	1.56	0.23	0.15	0.36	46.3	30.9
N831732		0.59	<0.01				0.04	2.12	14.1	50	0.53	0.07	0.10	0.23	10.60	7.0
N831733		0.67	<0.01				0.14	6.48	167.0	360	1.09	0.15	0.45	0.35	34.1	32.7
N831734		0.04	<0.01				0.08	5.66	2120	5630	0.66	0.13	0.09	0.43	42.1	19.8
N831735		0.46	<0.01				0.08	6.88	17.2	220	1.18	0.19	4.31	0.40	35.4	41.2
N831736		0.39	<0.01				0.07	6.28	4.7	530	0.86	0.15	3.66	0.34	38.1	32.8
N831737		0.31	<0.01				0.04	1.67	141.5	390	0.53	0.07	15.35	0.31	12.20	8.9
N831738		0.45	<0.01				0.05	2.85	8.1	140	0.77	0.08	11.50	0.13	17.80	16.1
N831739		0.67	<0.01				0.03	2.33	7.2	710	0.59	0.06	12.35	0.13	16.00	14.9
N831740		0.40	<0.01				0.03	0.12	1.0	70	0.09	0.01	29.5	0.15	3.27	0.7
N831741		0.58	<0.01				0.07	2.95	8.7	310	1.06	0.12	11.85	0.08	70.9	7.2
N831742		0.25	<0.01				0.07	5.69	3.0	190	1.08	0.17	0.56	0.71	39.3	27.2
N831743		0.88	<0.01				0.04	2.59	8.1	1320	1.07	0.11	12.15	0.33	32.3	7.4
N831744		0.62	<0.01				0.03	1.26	2.2	90	0.62	0.04	19.30	0.19	16.25	4.6
N831745		0.42	<0.01				0.08	6.12	9.2	400	1.62	0.24	2.88	0.33	74.0	18.3
N831794		0.53	<0.01				0.05	5.13	3.8	1020	1.00	0.16	8.57	0.48	45.6	24.5
N831795		0.27	<0.01				0.03	0.78	33.0	6330	0.24	0.03	12.25	0.54	13.30	2.3
N831796		1.19	<0.01		2.42	213	0.11	2.56	>10000	200	0.46	0.17	11.75	0.27	28.3	15.6
N831797		0.34	<0.01				0.03	4.28	100.5	660	0.45	0.06	6.18	0.36	18.55	28.6
N831798		0.64	<0.01				0.12	3.33	111.5	560	0.62	0.11	7.92	0.67	27.6	32.3
N831799		0.43	<0.01				0.01	0.13	13.9	740	0.67	0.01	18.70	1.14	30.6	1.5
N831800		0.46	<0.01				0.01	0.45	17.5	60	0.22	0.03	20.4	0.59	9.89	3.5
Q011101		0.47	<0.01				0.01	0.31	41.7	1980	0.22	0.02	18.35	0.63	14.45	3.3
Q011102		0.19	<0.01				0.01	0.15	12.6	50	0.09	0.01	18.75	2.07	31.6	1.0
Q011103		0.22	<0.01				0.01	3.99	7.2	340	0.34	0.02	18.65	0.64	80.4	17.3
Q011104		0.66	<0.01				0.02	0.34	9.6	160	0.22	0.02	16.10	0.51	13.30	2.7
Q011105		0.32	<0.01		2.26		0.12	2.04	>10000	120	0.46	0.22	12.75	0.15	20.3	12.1
Q011106		0.51	<0.01				0.74	0.39	133.5	190	0.34	0.03	0.55	4.20	4.70	3.2
Q011107		0.27	<0.01				0.19	2.28	158.5	160	0.75	0.12	0.34	0.11	84.2	7.3
Q011108		0.44	0.03	1.160			16.60	0.62	528	260	0.51	0.06	0.21	60.0	5.15	0.7
Q011109		0.50	0.03	1.170			28.9	1.31	353	400	1.09	0.12	0.76	64.7	16.00	1.1
Q011110		0.25	<0.01				3.56	0.43	53.5	460	0.36	0.05	0.46	7.44	5.17	0.5
Q011111		0.44	<0.01				0.16	0.11	18.0	70	0.06	0.01	19.25	0.44	1.83	1.1
Q011112		0.79	<0.01				0.03	0.18	10.7	30	0.14	0.01	28.4	0.18	3.30	1.4
Q011113		0.52	<0.01				0.02	0.17	14.3	50	0.10	0.01	31.3	0.33	3.65	0.9
Q011114		0.67	<0.01				0.05	0.96	108.5	60	0.28	0.04	7.10	0.50	9.51	2.3
Q011115		0.75	<0.01				0.01	0.10	7.1	80	0.12	0.01	32.2	0.08	3.46	1.0

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

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

Finalized Date: 22-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103098

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05
N831730		52	2.28	115.5	5.91	15.30	0.13	2.9	0.11	0.073	0.77	27.0	44.2	2.50	2910	1.12
N831731		61	6.73	164.0	9.66	18.30	0.11	2.3	0.28	0.103	1.48	18.1	110.0	0.61	960	1.28
N831732		19	1.00	13.0	2.18	6.40	0.06	1.0	0.04	0.024	0.23	4.6	26.7	0.12	576	4.36
N831733		91	4.39	230	12.35	16.35	0.12	1.3	0.83	0.104	0.81	13.6	74.2	0.36	925	1.93
N831734		40	2.69	207	8.81	16.25	0.16	0.8	0.74	0.122	0.96	16.9	37.7	0.15	259	3.85
N831735		79	3.49	180.5	8.65	20.9	0.14	3.1	0.14	0.102	0.78	14.3	61.6	3.29	1100	0.46
N831736		71	2.16	129.5	6.69	17.50	0.14	3.0	0.05	0.078	0.78	17.5	51.0	3.24	1140	0.44
N831737		16	1.08	34.0	6.13	5.00	0.07	1.0	0.21	0.028	0.34	4.7	27.3	7.05	1810	0.55
N831738		30	2.29	78.4	5.48	8.44	<0.05	1.4	0.06	0.038	0.36	8.0	27.0	5.75	841	0.18
N831739		25	1.82	49.7	4.90	7.05	0.06	1.1	0.04	0.036	0.31	6.9	20.0	6.80	676	0.15
N831740		3	0.09	2.7	0.16	0.41	0.09	<0.1	0.02	<0.005	0.04	3.7	1.4	0.25	56	0.32
N831741		30	4.61	16.1	2.91	8.48	0.15	2.0	0.06	0.029	1.39	33.3	23.4	1.00	1200	0.66
N831742		62	2.03	125.5	6.26	16.60	0.13	2.4	0.03	0.071	0.90	17.0	64.7	2.13	1380	0.23
N831743		16	2.00	14.8	4.09	7.16	0.10	1.3	0.04	0.026	0.90	12.7	31.3	4.85	830	1.02
N831744		9	0.87	7.8	1.79	3.89	0.09	0.6	0.01	0.021	0.38	5.9	11.6	0.97	1180	0.40
N831745		58	3.74	67.4	4.77	16.85	0.17	3.0	0.07	0.064	1.63	35.4	50.7	1.64	791	0.68
N831794		47	6.43	109.5	5.44	14.80	0.12	2.7	0.04	0.073	0.73	18.8	34.1	2.15	1730	0.36
N831795		9	0.49	25.7	4.37	2.69	0.07	0.4	0.24	0.020	0.11	4.2	11.9	5.89	1820	0.12
N831796		24	1.24	43.3	5.65	7.53	0.10	1.5	>100	0.044	0.61	9.6	14.1	4.96	1080	4.38
N831797		103	0.61	112.5	6.95	14.05	0.05	1.6	1.68	0.064	0.11	7.7	38.5	2.11	1380	0.24
N831798		44	3.55	61.8	5.58	9.64	0.08	1.6	1.56	0.047	0.68	12.4	18.0	1.65	1560	5.62
N831799		3	<0.05	3.5	1.36	0.81	0.07	<0.1	0.20	0.015	0.01	12.5	3.4	8.07	3080	0.07
N831800		7	0.40	7.7	4.14	1.49	0.05	0.3	0.26	0.018	0.10	2.8	7.9	2.68	2870	0.16
Q011101		5	0.14	12.7	5.78	1.14	0.08	0.2	0.12	0.030	0.02	4.1	8.1	6.56	2420	0.13
Q011102		2	<0.05	10.1	6.84	0.85	0.09	<0.1	0.22	0.089	0.01	9.4	4.0	7.96	2590	0.05
Q011103		5	0.41	11.9	4.90	9.74	0.11	1.9	0.05	0.047	0.07	43.1	29.0	1.38	3300	1.48
Q011104		4	0.18	8.2	4.39	1.04	0.06	0.2	0.10	0.023	0.05	3.7	5.5	5.91	2780	0.15
Q011105		20	1.81	45.9	6.05	6.86	0.06	1.2	82.0	0.030	0.71	8.9	6.6	5.66	1160	0.09
Q011106		21	0.64	76.0	0.61	1.35	<0.05	0.2	0.87	0.005	0.15	2.8	4.3	0.14	110	24.0
Q011107		34	2.14	27.4	4.63	6.35	0.14	2.8	0.78	0.045	0.88	31.7	24.3	0.16	187	1.71
Q011108		41	1.37	598	18.15	2.27	0.21	0.4	1.37	0.009	0.28	3.9	4.3	0.08	61	663
Q011109		102	2.29	516	20.6	4.90	0.22	0.8	1.68	0.015	0.61	14.2	8.6	0.16	127	678
Q011110		35	0.49	145.0	1.90	1.63	<0.05	0.2	0.60	0.011	0.17	3.9	8.0	0.05	43	21.6
Q011111		7	0.09	5.6	0.64	0.35	<0.05	0.1	0.15	<0.005	0.03	0.8	1.6	0.64	199	3.75
Q011112		4	0.23	3.5	3.09	0.58	<0.05	0.1	0.17	<0.005	0.07	1.4	1.1	1.16	335	0.75
Q011113		3	0.23	3.2	3.56	0.59	<0.05	0.1	0.17	<0.005	0.07	1.4	1.1	0.20	161	0.32
Q011114		9	2.23	12.0	38.9	3.36	1.61	0.4	2.14	0.014	0.38	4.6	3.1	0.18	217	6.02
Q011115		2	0.09	2.0	6.75	0.55	<0.05	0.1	0.21	0.006	0.04	1.5	0.9	0.24	541	0.35

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103098

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05
N831730		1.02	10.4	45.1	550	74.5	37.2	<0.002	0.03	0.59	20.5	2	1.5	75.4	0.70	0.21
N831731		0.05	11.8	57.3	500	27.6	73.4	<0.002	0.01	0.42	21.9	2	1.9	69.4	0.79	0.25
N831732		0.02	3.4	11.0	220	13.2	10.1	0.002	0.01	0.36	3.8	1	0.7	6.1	0.23	<0.05
N831733		0.02	8.2	59.5	640	17.2	40.0	0.002	0.06	0.54	25.3	2	1.4	272	0.54	0.16
N831734		<0.01	7.4	42.7	1080	18.9	51.5	0.003	0.27	1.82	11.6	2	1.1	1815	0.47	0.15
N831735		1.28	11.2	65.7	710	15.8	36.1	0.003	0.23	0.57	34.7	2	1.9	82.0	0.73	0.19
N831736		1.27	10.0	54.9	590	12.5	36.9	<0.002	0.09	0.28	25.3	2	1.6	85.3	0.67	0.13
N831737		0.03	3.4	15.5	320	9.2	15.9	<0.002	0.02	0.75	8.1	1	0.5	321	0.23	0.05
N831738		0.04	4.4	32.0	260	8.5	18.1	0.003	<0.01	0.22	13.1	2	0.7	146.0	0.28	0.06
N831739		0.05	3.4	28.2	240	7.8	15.0	<0.002	0.01	0.18	11.0	2	0.6	377	0.23	0.05
N831740		0.01	0.2	1.6	90	3.5	1.9	0.002	0.01	0.17	0.4	1	<0.2	425	<0.05	<0.05
N831741		0.02	11.4	12.9	850	15.8	61.8	<0.002	0.04	0.44	5.1	1	0.9	105.5	0.69	<0.05
N831742		1.03	8.9	52.6	530	11.4	42.4	<0.002	0.02	0.30	22.6	2	1.4	25.6	0.61	0.11
N831743		0.19	4.2	15.6	160	10.7	38.8	0.003	0.20	0.49	4.7	1	0.9	369	0.30	<0.05
N831744		0.03	1.9	7.0	100	4.6	16.1	<0.002	0.01	0.17	5.0	1	0.5	1085	0.14	<0.05
N831745		0.83	10.4	38.1	640	18.0	80.5	<0.002	0.02	0.59	16.9	2	1.8	119.0	0.74	0.11
N831794		0.58	9.4	40.3	480	10.4	39.2	<0.002	0.12	0.27	20.2	2	1.4	184.0	0.63	0.16
N831795		0.01	1.6	4.7	100	10.6	5.4	<0.002	0.17	0.14	5.8	1	0.3	309	0.10	<0.05
N831796		0.03	5.1	24.9	370	19.1	26.9	0.004	0.41	2.93	10.5	2	0.7	472	0.37	0.14
N831797		1.17	6.1	57.8	310	6.5	5.3	<0.002	0.05	0.43	26.6	1	1.0	157.5	0.38	0.05
N831798		0.58	5.1	37.0	260	17.7	30.4	0.002	2.34	0.58	12.6	4	1.1	124.0	0.34	<0.05
N831799		0.01	0.1	1.9	20	12.4	0.4	<0.002	0.02	0.06	4.5	2	<0.2	66.7	<0.05	<0.05
N831800		0.02	0.9	4.2	70	4.0	4.3	<0.002	0.01	0.16	6.7	1	0.2	643	0.06	<0.05
Q011101		0.01	0.5	5.0	50	6.6	1.2	<0.002	0.04	0.13	13.2	1	<0.2	129.0	<0.05	<0.05
Q011102		0.02	0.1	0.8	40	10.6	0.4	<0.002	<0.01	0.65	28.1	3	<0.2	66.7	<0.05	<0.05
Q011103		1.65	28.3	7.1	920	7.0	2.8	0.002	0.33	0.16	10.6	1	0.6	496	1.52	0.06
Q011104		0.02	0.6	3.9	60	3.4	2.2	<0.002	0.01	0.21	13.8	1	<0.2	118.0	<0.05	<0.05
Q011105		0.03	4.4	15.2	410	10.3	32.2	<0.002	0.11	3.42	7.9	2	0.7	577	0.32	0.08
Q011106		0.01	0.8	40.3	220	5.1	6.5	0.068	0.11	8.21	1.2	5	<0.2	15.5	0.05	0.12
Q011107		0.02	9.6	23.3	1780	46.9	39.3	0.002	0.10	1.95	6.2	2	0.8	31.9	0.62	<0.05
Q011108		0.01	2.1	300	3220	23.0	11.6	0.065	0.18	285	2.5	65	0.2	37.5	0.14	0.42
Q011109		0.01	3.4	305	7300	48.4	27.0	0.051	0.23	275	5.0	60	0.4	67.2	0.21	0.51
Q011110		0.01	0.8	18.4	2820	9.1	8.1	0.082	0.04	20.1	1.1	5	<0.2	24.2	<0.05	0.13
Q011111		<0.01	0.2	2.9	150	2.5	1.4	<0.002	0.01	1.64	0.3	1	<0.2	528	<0.05	<0.05
Q011112		0.03	0.3	1.6	250	5.1	2.9	<0.002	0.31	0.31	0.6	1	<0.2	761	<0.05	<0.05
Q011113		<0.01	0.2	0.5	150	14.5	3.0	<0.002	0.04	0.25	0.5	1	<0.2	1180	<0.05	<0.05
Q011114		0.01	1.0	5.6	240	102.0	17.5	<0.002	0.14	1.56	2.2	2	0.5	260	0.08	<0.05
Q011115		0.02	0.1	0.4	160	33.9	1.6	<0.002	0.08	0.16	0.4	1	<0.2	1355	<0.05	<0.05

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

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

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

Finalized Date: 22-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103098

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.1	1	0.1	0.1	2	0.5
N831730		4.5	0.575	0.41	1.2	171	0.7	26.3	106	106.0
N831731		5.4	0.492	0.93	1.4	170	0.8	22.1	115	85.2
N831732		2.5	0.122	0.17	0.7	73	0.3	6.0	45	33.6
N831733		3.1	0.719	1.35	0.9	211	1.7	14.5	106	47.9
N831734		2.0	0.470	1.08	0.7	90	2.6	13.7	74	28.2
N831735		4.0	0.881	0.24	1.1	266	1.2	26.5	147	116.5
N831736		4.5	0.764	0.23	1.2	224	0.7	22.9	98	109.0
N831737		1.4	0.171	0.24	0.4	65	0.2	12.9	36	33.4
N831738		2.0	0.315	0.12	0.5	125	0.3	16.4	50	51.1
N831739		1.7	0.253	0.11	0.4	105	0.3	13.2	50	38.8
N831740		0.2	0.007	0.03	0.7	10	<0.1	4.5	9	1.7
N831741		6.8	0.219	0.30	1.8	34	0.7	17.0	43	73.5
N831742		4.2	0.594	0.24	1.1	188	0.7	25.5	107	97.5
N831743		3.9	0.144	0.20	1.1	36	0.5	13.0	35	46.6
N831744		1.7	0.069	0.08	0.5	23	0.2	14.3	20	21.1
N831745		9.4	0.467	0.47	2.3	136	1.1	21.3	124	99.9
N831794		4.2	0.548	0.23	1.2	161	0.9	25.0	73	96.9
N831795		0.6	0.091	0.06	0.1	36	0.2	16.3	20	12.6
N831796		2.9	0.249	6.75	0.8	86	0.5	18.6	37	56.0
N831797		1.8	1.150	0.07	0.5	366	0.7	14.8	93	59.4
N831798		3.4	0.543	0.23	1.3	141	0.6	15.6	58	54.8
N831799		<0.2	0.023	<0.02	<0.1	7	<0.1	28.3	2	1.7
N831800		0.5	0.043	0.05	0.1	25	0.1	18.7	16	9.2
Q011101		0.3	0.027	<0.02	0.1	37	<0.1	20.5	22	5.3
Q011102		0.2	0.009	<0.02	<0.1	32	<0.1	34.3	14	1.3
Q011103		2.9	0.714	0.03	0.7	128	0.4	25.8	55	80.8
Q011104		0.3	0.034	0.06	0.1	25	0.1	18.6	16	6.0
Q011105		2.6	0.188	4.24	0.7	87	0.6	12.4	43	42.6
Q011106		0.7	0.020	0.54	3.5	403	0.2	6.3	389	8.6
Q011107		9.5	0.225	0.37	3.0	38	0.7	22.1	253	102.0
Q011108		0.9	0.048	4.86	16.1	1420	0.7	9.5	>10000	19.3
Q011109		1.9	0.085	7.07	45.3	2120	0.9	32.0	>10000	35.1
Q011110		1.0	0.023	0.81	6.7	646	0.2	11.6	571	10.8
Q011111		0.2	0.006	0.08	0.8	17	<0.1	1.3	103	2.7
Q011112		0.4	0.010	0.33	1.2	8	0.1	2.1	16	4.9
Q011113		0.4	0.007	0.49	0.7	4	<0.1	2.0	211	2.8
Q011114		1.5	0.040	1.95	2.0	18	0.1	3.8	5030	15.3
Q011115		0.3	0.005	0.64	0.9	2	<0.1	1.6	318	3.6

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

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

Finalized Date: 22-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103098

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	SPL-21
WEI-21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA26	Hg-CV41	Hg-CV42
ME-MS61	ME-OG62	PUL-31	PUL-QC
Zn-OG62			

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

Finalized Date: 21-JUL-2014
Account: RCM

CERTIFICATE WH14104125

Project: NADALEEN

P.O. No.: R14-008

This report is for 22 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

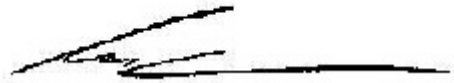
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104125

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q011116		0.20	<0.01	0.08	5.27	54.3	290	1.42	0.41	1.29	1.11	78.3	17.8	29	4.06	73.6
Q011117		0.23	<0.01	0.02	0.10	113.0	60	0.24	0.01	18.35	0.06	5.70	0.5	2	0.13	5.8
Q011118		0.33	<0.01	0.07	6.96	36.2	300	1.56	0.22	0.99	0.74	62.5	39.2	81	2.89	157.5
Q011119		0.09	<0.01	0.03	3.25	82.1	150	0.81	0.16	0.11	0.07	43.4	8.3	25	2.37	24.5
Q011120		0.05	<0.01	0.05	3.33	172.5	230	0.90	0.18	0.39	0.14	38.9	9.0	28	3.11	26.1
Q011121		0.50	0.01	0.01	0.17	251	210	0.21	0.01	19.40	0.11	4.57	0.7	2	0.25	3.2
Q011122		0.62	<0.01	0.07	7.57	63.0	250	1.49	0.24	0.66	0.35	42.6	38.3	80	4.09	164.0
Q011123		0.40	0.01	0.02	0.20	208	90	0.23	0.01	18.30	0.08	5.75	0.7	2	0.24	3.6
Q011124		0.24	<0.01	0.76	2.34	21.9	1400	0.84	0.10	0.25	0.08	22.0	2.3	55	2.36	24.4
Q011125		0.25	<0.01	0.22	0.33	3.0	200	0.15	0.04	1.02	2.40	4.55	0.8	34	1.01	11.8
Q011126		0.44	<0.01	0.20	0.92	5.6	860	0.21	0.01	26.3	2.76	12.15	1.1	25	0.59	10.0
Q011127		0.38	<0.01	0.05	0.06	2.2	410	0.51	0.01	26.4	2.23	1.25	0.6	6	0.08	3.5
Q011128		0.26	<0.01	0.22	0.11	5.8	340	0.14	0.02	13.95	2.09	3.06	0.5	22	0.81	8.7
Q011129		0.24	<0.01	0.10	0.32	3.5	300	0.18	0.03	0.66	0.86	3.40	1.5	29	1.67	10.5
Q011130		0.21	<0.01	0.26	1.07	7.6	1300	0.53	0.05	0.08	0.33	9.53	0.6	54	2.72	9.7
Q011131		0.15	<0.01	0.08	0.09	2.7	150	0.08	0.01	10.30	0.45	2.36	0.3	29	0.31	5.2
Q011132		0.26	<0.01	0.05	0.07	3.5	180	0.06	0.01	3.47	0.12	0.70	0.3	34	0.47	2.9
Q011133		0.28	<0.01	0.13	0.11	2.9	300	0.08	0.01	1.31	0.26	1.70	0.6	34	1.14	3.4
Q011134		0.34	<0.01	0.12	0.02	2.4	130	0.05	<0.01	36.0	0.10	1.90	0.4	4	<0.05	1.9
Q011135		0.23	<0.01	0.02	0.02	10.7	60	<0.05	<0.01	0.83	0.04	0.21	0.4	61	0.10	3.4
Q011136		0.35	<0.01	0.13	0.09	6.3	180	0.05	0.01	1.46	0.25	1.79	0.4	25	0.10	3.8
Q011137		0.59	0.06	0.09	2.81	587	640	0.86	0.10	12.20	0.34	32.8	7.9	26	3.62	27.3

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

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

Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104125

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q011116		4.81	11.85	0.12	2.6	0.16	0.067	0.64	29.2	30.2	0.77	2990	10.15	1.37	25.7	32.3
Q011117		0.63	0.26	0.05	<0.1	0.84	<0.005	0.03	3.9	1.0	11.55	1180	0.32	0.02	0.2	0.7
Q011118		9.07	21.0	0.12	3.3	0.11	0.104	1.14	24.5	70.9	2.48	1940	0.48	0.94	13.9	57.5
Q011119		2.06	8.60	0.10	1.7	0.23	0.037	1.13	19.5	17.3	0.26	506	0.60	0.03	5.5	10.9
Q011120		2.77	8.59	0.09	1.6	1.06	0.042	1.20	17.5	17.6	0.50	768	0.57	0.07	5.5	13.1
Q011121		0.65	0.46	0.05	0.1	4.18	<0.005	0.06	3.2	1.3	12.35	1210	0.19	0.01	0.2	1.4
Q011122		8.40	21.7	0.12	3.0	0.29	0.105	1.54	17.8	62.0	3.39	1120	0.40	0.78	15.4	62.8
Q011123		0.69	0.55	0.05	0.1	1.07	<0.005	0.07	4.2	1.4	11.70	1260	0.35	0.02	0.3	1.3
Q011124		1.85	7.23	0.07	1.3	0.19	0.021	0.93	13.0	20.1	0.36	53	4.04	0.16	5.7	20.8
Q011125		0.40	0.81	0.06	0.2	0.05	<0.005	0.12	4.0	7.9	0.23	50	2.89	0.04	0.5	19.9
Q011126		0.21	1.39	0.05	0.1	0.08	0.005	0.46	15.7	5.8	0.68	41	4.23	0.01	0.5	23.7
Q011127		0.13	0.21	0.05	<0.1	0.02	<0.005	0.02	2.1	1.9	0.79	392	4.87	<0.01	0.1	12.1
Q011128		0.84	0.34	0.06	0.1	0.05	<0.005	0.04	4.9	3.9	0.11	33	3.41	0.02	0.2	12.8
Q011129		0.35	1.01	0.05	0.2	0.05	<0.005	0.10	4.4	14.4	0.03	189	12.75	0.02	0.8	26.4
Q011130		0.56	2.49	0.07	0.5	0.09	0.010	0.34	6.6	15.5	0.08	25	37.7	0.02	3.1	39.8
Q011131		0.29	0.16	<0.05	<0.1	0.02	<0.005	0.02	4.3	1.6	0.07	33	4.57	0.01	0.2	14.0
Q011132		0.37	0.14	0.05	<0.1	0.02	<0.005	0.02	1.1	1.6	0.02	32	5.05	0.01	0.1	16.0
Q011133		0.92	0.22	<0.05	0.1	0.03	<0.005	0.03	2.5	1.9	0.01	30	5.19	0.01	0.2	20.1
Q011134		0.75	0.07	<0.05	<0.1	0.04	<0.005	0.01	3.1	0.4	0.19	24	0.88	<0.01	0.1	3.6
Q011135		0.29	0.14	<0.05	<0.1	0.02	<0.005	<0.01	<0.5	0.9	0.01	27	0.52	<0.01	0.1	3.5
Q011136		2.39	0.19	0.05	<0.1	0.06	<0.005	0.02	2.6	2.3	0.01	34	5.40	<0.01	0.1	21.1
Q011137		2.79	7.11	0.09	1.4	9.02	0.030	0.95	16.8	17.0	8.39	1460	0.57	0.15	5.1	17.6

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

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

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

Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104125

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q011116		1190	18.3	26.0	0.002	0.01	0.29	13.3	2	1.3	51.6	1.36	0.10	5.6	0.637	0.40
Q011117		610	4.9	0.8	<0.002	0.02	0.09	0.6	1	<0.2	57.2	<0.05	<0.05	0.2	0.005	0.56
Q011118		590	12.8	47.6	0.003	0.11	0.52	28.2	2	1.9	20.1	0.84	0.20	5.2	0.772	0.45
Q011119		250	14.6	44.5	<0.002	0.01	0.71	5.3	<1	1.2	77.4	0.37	<0.05	4.7	0.202	0.44
Q011120		320	16.0	48.0	<0.002	0.01	0.57	6.7	1	1.1	29.7	0.37	<0.05	4.8	0.202	1.24
Q011121		430	4.6	2.0	<0.002	0.01	0.15	0.8	1	<0.2	66.3	<0.05	<0.05	0.3	0.008	0.85
Q011122		760	13.5	49.8	<0.002	0.05	0.40	30.8	1	2.2	25.0	0.93	0.28	5.0	0.787	1.58
Q011123		290	5.8	2.4	<0.002	0.02	0.18	0.9	1	<0.2	64.6	<0.05	<0.05	0.5	0.010	0.97
Q011124		350	17.3	40.2	0.003	0.20	5.61	4.6	4	0.7	33.9	0.35	0.06	3.0	0.141	0.50
Q011125		300	2.5	5.4	0.007	0.13	1.30	0.6	2	<0.2	52.2	<0.05	<0.05	0.4	0.018	0.23
Q011126		770	1.5	18.3	0.004	0.05	1.21	1.3	1	<0.2	492	<0.05	<0.05	0.5	0.015	0.28
Q011127		200	0.7	0.8	0.003	0.01	0.56	0.3	1	<0.2	262	<0.05	<0.05	<0.2	<0.005	0.08
Q011128		460	2.2	2.0	0.022	0.20	1.92	0.6	6	<0.2	147.5	<0.05	<0.05	<0.2	<0.005	0.99
Q011129		220	1.7	5.4	0.022	0.07	1.77	0.5	1	<0.2	15.3	<0.05	<0.05	0.3	0.018	0.34
Q011130		140	3.2	18.2	0.059	0.17	6.69	2.2	11	0.4	18.9	0.17	0.09	1.2	0.062	1.29
Q011131		200	1.2	1.0	0.012	0.05	0.65	0.2	1	<0.2	81.5	<0.05	<0.05	<0.2	<0.005	0.38
Q011132		60	0.8	0.8	0.008	0.04	0.48	0.1	<1	<0.2	27.0	<0.05	<0.05	<0.2	<0.005	0.41
Q011133		260	1.0	1.5	0.007	0.04	0.70	0.1	1	<0.2	20.3	<0.05	<0.05	<0.2	<0.005	2.01
Q011134		290	0.9	0.4	<0.002	0.01	0.60	0.2	1	<0.2	181.0	<0.05	<0.05	<0.2	<0.005	0.32
Q011135		10	0.8	0.2	0.002	<0.01	0.08	0.1	<1	<0.2	5.8	<0.05	<0.05	<0.2	<0.005	0.21
Q011136		320	0.9	0.6	0.002	0.03	1.04	0.2	1	<0.2	17.0	<0.05	<0.05	<0.2	<0.005	1.56
Q011137		560	21.9	37.1	<0.002	0.02	0.51	7.9	1	0.8	83.5	0.34	0.06	4.2	0.192	3.63

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

Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104125

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q011116		1.5	129	0.9	26.6	75	102.0
Q011117		1.7	3	0.1	3.3	33	2.6
Q011118		1.5	251	0.9	23.0	176	126.5
Q011119		1.2	48	0.8	8.3	50	56.9
Q011120		1.3	53	0.7	8.0	70	59.3
Q011121		1.1	3	0.1	3.1	59	2.8
Q011122		1.5	261	0.9	23.9	137	142.5
Q011123		1.5	4	0.1	3.3	44	3.7
Q011124		1.5	169	0.6	5.6	47	49.7
Q011125		1.7	161	0.2	5.9	134	6.0
Q011126		1.5	120	0.1	19.1	153	7.3
Q011127		1.4	97	0.1	6.0	79	1.6
Q011128		2.3	101	0.1	11.3	64	4.4
Q011129		2.2	283	0.1	5.0	54	9.6
Q011130		4.4	410	0.3	6.1	65	24.8
Q011131		1.7	41	0.1	6.2	38	2.8
Q011132		0.5	24	0.1	1.8	49	1.4
Q011133		1.4	39	0.1	3.8	41	2.8
Q011134		3.6	27	<0.1	3.4	10	1.4
Q011135		0.5	4	<0.1	0.6	9	5.8
Q011136		1.6	38	0.1	5.6	67	2.8
Q011137		2.1	56	0.8	13.3	156	54.4

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104125

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	SPL-21
WEI-21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA26	Hg-CV41	ME-MS61	PUL-31
PUL-QC			

ALS Canada Ltd.

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

Finalized Date: 28-JUL-2014
Account: RCM

CERTIFICATE WH14105969

Project: NADALEEN

P.O. No.: R14-009

This report is for 37 Rock samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

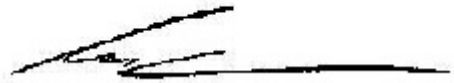
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 28-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105969

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q011138		0.31	<0.01	0.01	0.08	44.6	10	0.11	0.02	18.80	0.07	2.63	0.4	2	0.10	1.7
Q011139		0.34	0.01	0.01	0.16	113.5	10	0.10	0.02	21.1	0.10	3.13	0.7	1	0.22	5.6
Q011140		1.05	0.01	0.07	0.49	7.9	580	0.23	0.02	31.7	0.09	16.85	2.3	7	1.10	8.8
Q011141		0.35	0.02	0.02	0.44	662	630	0.25	0.02	19.65	0.02	14.30	2.7	4	0.70	8.7
Q011142		0.27	<0.01	0.01	0.93	97.1	80	0.33	0.02	12.70	<0.02	14.70	1.7	11	1.22	3.8
Q011143		0.27	<0.01	0.06	0.76	111.5	60	0.37	0.03	19.85	0.06	12.40	1.8	8	1.19	6.2
Q011144		0.17	0.02	0.10	0.18	104.5	110	0.16	0.01	32.6	0.07	13.25	2.5	2	0.64	8.7
Q011145		0.41	0.04	0.07	0.31	343	40	0.23	0.01	21.4	0.02	8.07	2.0	2	0.70	4.1
Q011146		0.24	0.03	0.18	0.67	775	330	0.76	0.17	18.95	0.58	20.2	31.2	9	1.50	34.3
Q011147		0.28	0.04	0.06	0.87	846	120	0.45	0.02	25.1	0.07	18.15	3.5	9	1.21	7.3
Q011148		0.28	0.01	0.04	0.50	386	70	0.31	0.01	21.6	<0.02	16.55	2.8	5	1.16	4.8
Q011149		0.14	0.05	0.64	1.43	1730	180	0.62	0.10	4.73	1.92	18.35	22.1	18	2.23	119.0
Q011150		0.19	0.12	0.09	0.70	1725	430	0.58	0.02	29.9	0.17	12.80	5.4	6	1.97	10.1
Q010651		0.16	0.15	0.10	0.64	1700	300	0.50	0.02	27.0	0.23	14.20	3.0	7	1.19	7.6
Q010652		0.37	0.03	0.05	1.11	372	140	0.45	0.02	18.45	0.14	16.60	5.8	12	2.03	5.3
Q010653		0.29	0.01	0.03	0.75	219	70	0.37	0.02	19.00	0.04	15.90	2.1	10	0.85	4.4
Q010654		0.21	<0.01	0.03	0.28	8.6	20	0.14	0.01	20.8	0.04	9.52	6.9	3	0.36	2.5
Q010655		0.17	0.14	0.13	0.53	2030	270	0.79	0.02	33.6	0.45	18.40	8.2	5	1.86	14.1
Q010656		0.17	0.04	0.05	0.45	524	70	0.40	0.01	32.4	0.12	11.80	3.2	4	1.16	6.0
Q010657		0.24	<0.01	0.02	0.17	31.7	2300	0.11	0.01	7.84	<0.02	3.51	1.6	7	1.77	1.4
Q010658		0.18	<0.01	0.03	0.04	3.7	20	0.09	<0.01	20.2	0.03	8.40	6.4	1	0.07	1.2
Q010659		0.46	0.36	0.11	0.56	243	120	0.23	0.02	33.0	0.12	9.42	2.8	4	0.83	5.2
Q010660		0.19	0.01	0.03	0.49	297	50	0.39	0.01	26.5	0.26	14.05	3.2	3	1.16	4.4
Q010661		0.16	<0.01	0.01	0.17	27.9	20	0.17	<0.01	28.5	0.08	6.93	1.5	2	0.28	3.7
Q010662		0.20	<0.01	0.05	0.61	25.4	110	0.32	0.02	15.95	0.12	19.70	2.4	6	0.81	5.3
Q010663		0.16	0.01	0.14	0.67	171.0	70	0.28	0.02	30.9	0.15	23.0	6.3	9	0.98	12.3
Q010664		0.30	0.02	0.19	0.74	228	140	0.36	0.02	30.6	0.16	25.8	7.5	12	1.02	16.0
Q010665		0.18	0.01	0.10	0.18	176.5	1170	0.31	0.02	32.9	0.23	12.85	2.8	2	0.62	4.9
Q010666		0.29	<0.01	0.02	0.22	<0.2	1630	0.14	0.01	21.6	0.12	6.49	1.8	1	0.19	7.6
Q010667		0.29	<0.01	0.04	1.09	<0.2	210	0.42	0.05	23.6	0.64	39.4	14.4	10	1.21	6.6
Q010668		0.14	<0.01	0.02	0.27	<0.2	10	0.20	0.01	34.6	0.04	7.46	1.7	1	0.78	2.8
Q010669		0.28	0.01	0.06	0.18	<0.2	4130	0.10	0.01	35.6	0.07	5.32	1.4	1	0.42	2.1
Q010670		0.21	<0.01	0.01	0.77	<0.2	2410	0.39	0.03	21.4	0.19	24.1	5.6	7	0.67	6.4
Q010671		0.25	<0.01	0.02	0.75	<0.2	5480	0.37	0.01	26.0	0.06	23.5	8.9	7	1.14	2.0
Q010672		0.16	<0.01	0.01	0.44	<0.2	80	0.36	0.01	22.8	0.11	7.01	5.5	2	0.73	4.2
Q010673		0.41	<0.01	0.01	0.07	<0.2	<10	0.09	<0.01	36.7	0.02	3.45	1.4	<1	0.16	1.7
Q010674		0.31	0.01	0.01	0.33	55.1	2800	0.21	0.01	34.5	0.07	9.86	1.9	3	0.43	4.4

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105969

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q011138		0.52	0.32	0.13	0.1	0.15	<0.005	0.03	1.7	0.9	11.95	474	0.60	0.01	0.2	0.7
Q011139		0.57	0.49	0.15	0.1	0.30	<0.005	0.08	1.6	1.0	13.25	1110	0.73	0.01	0.2	1.2
Q011140		0.62	1.30	0.10	0.3	0.07	0.005	0.23	8.4	13.5	0.73	351	1.17	0.01	0.8	5.2
Q011141		1.46	1.18	<0.05	0.3	0.98	0.011	0.18	6.5	2.7	9.59	732	0.18	0.01	0.8	1.8
Q011142		0.86	2.48	<0.05	1.5	1.09	0.008	0.42	6.5	7.8	5.24	689	0.24	0.01	2.0	2.1
Q011143		0.49	2.22	<0.05	0.6	0.94	0.006	0.38	6.6	4.2	9.89	317	0.23	0.01	1.7	2.1
Q011144		3.82	0.69	0.07	0.1	0.20	<0.005	0.08	6.1	1.4	0.96	577	1.26	<0.01	0.7	5.1
Q011145		2.09	0.97	<0.05	0.2	1.44	0.005	0.14	4.2	2.7	10.25	943	0.26	0.01	0.8	1.9
Q011146		9.38	2.18	0.23	0.4	6.91	0.038	0.29	7.9	5.6	4.44	1180	1.69	<0.01	1.4	66.5
Q011147		2.23	2.31	0.05	0.4	5.67	0.010	0.29	8.3	5.0	4.84	2540	0.32	0.01	1.2	8.6
Q011148		1.92	1.59	<0.05	0.3	2.27	0.009	0.24	7.8	2.7	8.90	1600	0.19	0.01	1.2	2.9
Q011149		40.3	11.25	9.27	1.2	9.78	0.070	0.68	10.3	4.3	0.98	966	6.13	<0.01	4.1	80.4
Q011150		2.42	1.75	0.09	0.9	5.73	0.017	0.15	5.9	3.7	2.29	1160	0.54	<0.01	1.3	8.2
Q010651		2.81	1.99	0.06	0.8	4.11	0.011	0.29	8.4	3.7	3.27	1700	0.64	<0.01	1.5	7.0
Q010652		1.11	3.00	<0.05	1.3	6.08	0.011	0.48	8.4	4.4	3.93	1280	0.33	0.01	2.3	4.5
Q010653		0.76	2.20	<0.05	0.6	2.86	0.017	0.33	6.7	3.8	3.60	1010	0.49	0.01	1.4	2.6
Q010654		6.84	0.90	0.13	0.2	0.09	0.005	0.12	4.0	2.8	7.23	911	0.07	0.01	0.8	6.1
Q010655		2.67	1.60	0.05	0.5	5.59	0.017	0.21	11.4	3.1	0.71	1460	1.39	<0.01	1.4	17.8
Q010656		0.97	1.35	<0.05	0.4	1.80	0.007	0.19	7.1	3.4	1.96	587	0.30	<0.01	1.1	3.8
Q010657		2.14	0.73	<0.05	0.1	0.10	0.006	0.06	1.2	2.1	1.66	635	0.16	0.01	0.2	2.4
Q010658		5.99	0.34	0.11	<0.1	0.07	<0.005	0.01	3.7	0.7	8.42	1120	0.08	0.01	0.4	5.9
Q010659		0.35	1.62	<0.05	0.4	9.81	0.009	0.25	5.1	3.1	0.21	974	0.13	<0.01	1.4	3.7
Q010660		0.78	1.48	<0.05	0.3	0.52	0.005	0.24	7.4	4.4	5.96	355	0.20	0.01	0.9	3.4
Q010661		0.65	0.64	<0.05	0.1	0.23	<0.005	0.08	4.0	1.6	6.10	400	0.12	0.01	0.6	<0.2
Q010662		1.81	1.58	<0.05	1.8	0.08	0.005	0.27	9.5	8.8	6.41	425	0.40	0.02	1.6	6.1
Q010663		2.45	1.67	0.05	0.3	0.47	<0.005	0.21	12.2	5.9	0.87	269	1.32	<0.01	1.4	11.1
Q010664		3.50	1.84	0.08	0.3	0.61	0.005	0.23	13.7	6.3	1.28	335	1.84	<0.01	1.5	15.4
Q010665		1.02	0.73	<0.05	0.2	0.71	0.023	0.09	6.7	1.5	0.18	326	0.33	<0.01	0.8	4.4
Q010666		1.79	0.71	<0.05	0.2	0.02	<0.005	0.10	3.2	3.4	10.25	675	0.06	0.03	0.7	0.2
Q010667		4.02	3.04	0.14	0.6	0.02	0.035	0.51	15.4	8.1	0.37	1260	0.24	0.01	2.2	19.1
Q010668		0.17	0.81	<0.05	0.2	0.03	<0.005	0.14	4.0	3.5	0.66	54	0.18	0.01	0.9	0.4
Q010669		0.20	0.60	<0.05	0.1	0.04	<0.005	0.08	3.8	1.6	0.24	77	0.13	0.02	0.7	<0.2
Q010670		3.09	2.16	0.09	0.5	0.01	0.008	0.34	10.1	12.6	5.26	1480	0.25	0.02	1.6	1.7
Q010671		4.32	2.47	0.14	0.4	0.01	0.015	0.33	9.8	29.1	0.90	752	0.14	0.02	1.7	3.5
Q010672		1.49	1.34	<0.05	0.2	0.01	<0.005	0.21	3.5	4.7	9.92	632	0.25	0.01	1.1	2.9
Q010673		0.09	0.40	0.06	<0.1	0.04	<0.005	0.03	2.4	0.6	0.20	53	0.06	<0.01	0.6	<0.2
Q010674		0.22	1.03	0.09	0.2	0.15	<0.005	0.12	5.4	2.7	0.18	251	0.08	0.02	0.9	<0.2

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

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

Finalized Date: 28-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105969

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q011138		310	5.4	1.1	<0.002	0.01	0.12	0.2	<1	<0.2	81.3	<0.05	<0.05	0.2	<0.005	0.31
Q011139		240	9.0	2.3	<0.002	0.03	0.21	0.3	<1	<0.2	100.0	<0.05	<0.05	0.2	0.005	1.66
Q011140		190	5.3	10.1	0.003	0.30	0.23	1.0	2	0.2	622	0.06	<0.05	1.1	0.023	0.21
Q011141		120	4.8	6.3	<0.002	0.02	12.60	1.4	1	<0.2	201	0.05	<0.05	0.9	0.015	2.11
Q011142		220	3.1	14.0	<0.002	<0.01	2.32	2.2	1	0.3	168.0	0.14	<0.05	2.6	0.050	2.85
Q011143		170	7.5	13.1	<0.002	<0.01	0.75	1.8	1	0.3	207	0.12	<0.05	1.7	0.039	0.42
Q011144		70	5.4	3.4	<0.002	0.01	0.53	1.1	1	0.2	294	<0.05	<0.05	0.4	0.007	1.38
Q011145		80	5.3	5.0	<0.002	<0.01	1.10	0.9	1	<0.2	126.5	<0.05	<0.05	0.7	0.014	2.75
Q011146		550	43.1	11.0	<0.002	0.01	4.99	3.6	4	0.5	107.0	0.08	0.06	1.4	0.026	51.8
Q011147		210	12.0	10.5	<0.002	<0.01	2.21	2.8	1	0.3	104.5	0.08	<0.05	1.3	0.023	19.55
Q011148		110	5.1	8.4	<0.002	<0.01	0.58	1.5	1	0.2	184.0	0.07	<0.05	1.1	0.023	5.85
Q011149		360	512	24.9	<0.002	0.06	14.60	3.2	12	1.8	48.8	0.23	0.05	3.0	0.072	11.40
Q011150		640	24.5	6.4	<0.002	<0.01	16.00	2.6	2	0.4	502	0.08	<0.05	1.6	0.025	17.65
Q010651		270	16.9	9.9	<0.002	<0.01	8.26	2.5	1	0.3	95.5	0.09	<0.05	1.4	0.030	45.1
Q010652		200	9.4	17.4	<0.002	<0.01	13.60	2.7	1	0.4	192.5	0.16	<0.05	2.4	0.053	7.79
Q010653		170	3.0	11.8	<0.002	<0.01	0.95	2.5	1	0.3	220	0.09	<0.05	1.6	0.030	3.22
Q010654		270	1.0	4.3	<0.002	<0.01	0.21	0.8	1	<0.2	219	<0.05	<0.05	0.6	0.013	0.24
Q010655		210	14.5	8.3	<0.002	<0.01	5.67	4.6	2	0.2	265	0.07	<0.05	1.4	0.024	58.0
Q010656		70	5.1	6.8	<0.002	<0.01	0.76	2.2	1	0.2	147.5	0.06	0.05	0.9	0.019	13.10
Q010657		40	1.2	3.6	<0.002	0.06	0.19	1.4	<1	<0.2	77.3	<0.05	<0.05	<0.2	<0.005	0.91
Q010658		180	0.5	0.6	<0.002	<0.01	0.09	0.3	1	<0.2	124.5	<0.05	<0.05	<0.2	<0.005	0.15
Q010659		200	5.5	9.0	<0.002	<0.01	2.98	1.1	1	0.3	252	0.07	<0.05	1.2	0.024	5.60
Q010660		80	4.2	8.4	<0.002	<0.01	0.37	1.6	1	0.2	446	0.05	<0.05	0.9	0.016	3.33
Q010661		60	2.5	2.7	<0.002	<0.01	0.25	0.6	1	<0.2	531	<0.05	<0.05	0.3	0.007	0.18
Q010662		510	7.4	10.0	<0.002	0.01	0.22	1.2	1	0.2	336	0.12	<0.05	2.2	0.038	0.21
Q010663		210	29.0	8.8	<0.002	0.01	0.84	1.5	2	0.2	1015	0.07	0.05	1.2	0.023	0.59
Q010664		220	37.8	9.8	<0.002	<0.01	1.14	1.7	2	0.3	861	0.08	<0.05	1.3	0.026	0.72
Q010665		30	3.5	3.5	<0.002	0.03	0.45	1.8	1	<0.2	1295	<0.05	0.08	0.4	0.008	1.90
Q010666		460	1.7	3.9	<0.002	0.04	0.07	0.7	1	<0.2	246	<0.05	<0.05	0.5	0.011	0.04
Q010667		710	11.2	22.0	<0.002	0.02	0.27	3.7	2	0.3	422	0.15	<0.05	2.4	0.062	0.27
Q010668		110	2.7	5.3	<0.002	<0.01	0.13	0.9	1	<0.2	2030	<0.05	0.08	0.5	0.010	0.05
Q010669		60	2.5	3.1	<0.002	0.11	0.15	0.6	1	<0.2	2060	<0.05	<0.05	0.3	0.007	0.04
Q010670		9550	3.4	12.2	<0.002	0.07	0.12	1.6	1	0.3	700	0.11	<0.05	1.7	0.035	0.05
Q010671		4040	2.3	14.0	<0.002	0.13	0.09	1.8	1	0.2	550	0.09	<0.05	1.3	0.034	0.08
Q010672		760	2.8	8.8	<0.002	0.01	0.24	1.1	1	0.2	265	0.06	<0.05	0.8	0.020	0.09
Q010673		50	1.8	1.4	<0.002	0.01	0.10	0.4	1	<0.2	1470	<0.05	<0.05	<0.2	<0.005	0.02
Q010674		70	3.5	4.1	<0.002	0.07	0.21	1.2	1	<0.2	966	<0.05	<0.05	0.6	0.013	0.06

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

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

Finalized Date: 28-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105969

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q011138		0.8	2	0.1	1.5	81	2.0
Q011139		0.7	3	0.1	2.5	151	2.1
Q011140		6.9	11	0.1	5.9	12	10.6
Q011141		3.3	8	0.4	6.1	4	13.0
Q011142		4.6	15	1.3	8.8	4	55.9
Q011143		14.2	21	0.8	4.1	16	23.4
Q011144		7.6	4	0.1	6.3	6	3.9
Q011145		7.0	7	0.5	3.0	5	8.1
Q011146		9.6	17	1.3	16.7	502	18.7
Q011147		17.1	19	0.7	13.3	11	17.0
Q011148		4.7	12	0.5	9.5	5	9.6
Q011149		20.6	35	2.5	8.4	2570	48.9
Q011150		38.8	19	3.1	17.5	54	50.9
Q010651		16.4	14	2.0	10.9	29	34.5
Q010652		7.3	21	1.9	10.9	24	50.6
Q010653		4.0	16	0.5	13.9	8	24.1
Q010654		1.0	4	0.1	6.6	22	7.0
Q010655		15.2	22	1.5	14.5	109	29.1
Q010656		8.2	13	0.6	7.6	26	16.0
Q010657		1.2	2	0.1	4.8	6	2.5
Q010658		0.7	1	0.1	5.2	15	1.0
Q010659		31.5	12	0.6	5.8	24	19.5
Q010660		7.6	9	0.4	4.2	37	12.6
Q010661		6.0	3	0.1	2.8	17	4.5
Q010662		5.7	12	0.4	7.6	20	64.4
Q010663		11.4	15	0.5	5.2	46	11.8
Q010664		11.1	18	0.6	5.8	57	12.5
Q010665		6.6	6	0.3	6.5	44	8.6
Q010666		1.0	4	0.1	2.3	14	6.2
Q010667		1.3	14	0.3	15.7	84	25.0
Q010668		12.5	4	0.1	2.4	6	5.9
Q010669		8.4	8	0.1	1.8	7	2.8
Q010670		4.9	11	0.3	14.3	23	18.2
Q010671		3.4	15	0.2	19.1	20	17.2
Q010672		1.5	7	0.2	4.2	13	7.6
Q010673		8.7	3	<0.1	1.1	3	1.6
Q010674		13.6	9	0.2	4.8	9	9.5

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

Finalized Date: 28-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105969

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	SPL-21
WEI-21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA26	Hg-CV41	ME-MS61	PUL-31
PUL-QC			

ALS Canada Ltd.

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

Finalized Date: 2-AUG-2014
Account: RCM

CERTIFICATE WH14110345

Project: Nadaleen

P.O. No.: R14-010

This report is for 32 Rock samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 2-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14110345

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q010675		0.23	0.01	0.07	0.05	91.1	80	0.17	0.02	34.1	0.04	12.15	2.3	1	0.07	7.6
Q010676		0.40	0.01	0.04	0.21	78.0	40	0.09	0.02	35.8	0.04	3.87	0.8	2	0.23	4.4
Q010677		0.20	0.01	0.03	0.29	9.4	40	0.20	0.02	29.3	0.23	11.80	0.9	2	0.47	17.9
Q010678		0.16	0.04	0.12	0.48	158.5	30	0.37	0.02	34.3	3.07	9.12	1.1	4	0.86	6.6
Q010679		0.12	1.81	0.25	1.95	738	250	0.66	0.08	23.2	1.11	17.55	2.2	21	2.84	20.2
Q010680		0.40	0.01	0.01	0.29	32.0	30	0.20	0.03	19.05	0.06	8.51	7.7	3	0.44	5.6
Q010681		0.17	0.05	0.13	0.87	521	140	0.51	0.03	31.2	0.30	15.55	5.6	9	1.33	9.0
Q010682		0.47	<0.01	0.01	0.03	12.5	6910	0.06	0.02	22.7	0.02	29.1	0.7	<1	0.05	95.9
Q010683		0.18	0.39	0.01	0.30	289	120	0.20	0.02	30.5	0.31	17.30	2.5	4	0.58	23.5
Q010684		0.27	<0.01	0.02	1.16	6.6	70	0.64	0.04	27.1	0.12	22.8	1.8	13	4.37	10.5
Q010685		0.14	0.04	0.03	0.29	72.7	60	0.18	0.02	21.4	0.02	13.50	0.9	3	0.66	6.5
Q010686		0.56	0.02	0.02	0.51	560	40	0.26	0.03	21.4	0.02	24.7	1.2	5	1.29	40.8
Q010687		0.39	2.46	0.05	0.70	825	30	0.40	0.04	25.7	0.23	9.20	2.0	7	1.22	12.0
Q010688		0.36	0.24	0.03	0.94	325	20	0.39	0.05	22.4	0.06	6.89	2.9	10	1.67	10.8
Q010689		0.30	0.01	0.03	0.27	13.8	3530	0.14	0.02	27.9	0.70	17.75	0.9	3	0.55	29.3
Q010690		0.20	0.12	0.02	0.30	231	3900	0.21	0.03	25.3	0.02	6.41	1.3	2	0.48	15.5
Q010691		0.21	0.02	0.02	0.25	131.0	850	0.09	0.02	18.50	0.03	6.60	0.9	2	0.40	6.3
Q010692		0.29	0.01	0.02	0.36	115.5	60	0.20	0.03	18.20	0.07	6.46	1.3	3	0.38	6.9
Q010693		0.27	<0.01	0.01	0.13	7.8	150	0.12	0.02	19.35	0.02	4.35	0.7	1	0.13	5.9
Q010694		0.41	0.12	0.13	0.87	1755	90	0.39	0.04	18.65	0.09	15.60	1.7	7	1.68	9.8
Q010695		0.38	0.11	0.09	0.83	1560	70	0.38	0.04	17.15	0.15	13.40	1.1	6	1.45	9.4
Q010696		0.19	22.0	5.14	0.42	>10000	80	0.05	0.10	1.59	0.90	9.94	0.8	7	0.90	10.5
Q010697		0.39	2.51	0.47	0.74	5610	90	0.19	0.03	0.50	0.69	11.10	0.6	11	0.94	6.7
Q010698		0.29	0.02	0.15	1.26	56.2	100	0.52	0.10	15.20	0.82	14.70	8.2	11	0.75	1280
Q010699		0.49	3.15	0.05	0.79	790	50	0.31	0.03	24.3	0.13	5.34	2.5	10	1.54	10.8
Q010700		0.32	1.30	0.09	1.85	4740	100	0.45	0.06	8.96	0.27	13.90	7.5	21	3.27	11.2
Q011201		0.32	0.51	0.09	1.70	6540	60	0.44	0.06	7.39	0.13	7.06	3.9	19	2.38	11.6
Q011202		0.51	0.06	0.03	0.91	2930	60	0.26	0.02	12.70	0.07	11.00	4.0	9	1.49	13.2
Q011203		0.21	0.05	0.05	0.48	1055	40	0.22	0.02	18.90	0.03	10.45	1.7	5	0.85	4.9
Q011204		0.25	0.06	0.08	0.74	1135	50	0.34	0.02	19.40	0.82	11.65	1.3	6	1.44	5.8
Q011205		0.54	0.01	0.02	0.19	82.0	20	0.17	0.01	20.7	0.17	6.29	1.4	2	0.26	3.2
Q011206		0.29	<0.01	0.05	1.28	6.4	60	0.44	0.06	31.8	0.02	16.50	2.0	11	1.12	6.5

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

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

Finalized Date: 2-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14110345

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q010675		2.25	0.22	0.05	<0.1	0.12	0.020	0.01	3.9	1.5	0.51	1380	1.63	0.01	<0.1	5.1
Q010676		0.20	0.66	0.07	0.1	1.25	<0.005	0.08	1.9	1.2	0.20	367	0.16	<0.01	0.3	0.9
Q010677		0.76	0.96	0.07	0.3	0.12	0.005	0.15	6.2	1.6	2.47	302	0.38	0.01	0.5	1.3
Q010678		0.33	1.53	0.05	0.3	2.61	0.012	0.20	5.0	2.9	0.38	235	0.20	<0.01	0.7	1.7
Q010679		1.01	5.60	0.06	1.4	11.2	0.020	0.92	10.9	10.4	0.62	2030	0.45	0.01	3.5	9.8
Q010680		5.59	0.88	<0.05	0.2	0.10	<0.005	0.14	4.3	1.9	8.13	1290	0.15	0.01	0.5	13.9
Q010681		0.91	2.30	<0.05	0.6	1.87	0.009	0.35	8.3	2.5	0.41	492	0.55	<0.01	1.3	6.9
Q010682		2.42	0.26	<0.05	<0.1	0.01	<0.005	0.01	10.5	0.5	8.27	442	0.08	0.01	<0.1	0.8
Q010683		0.28	0.93	<0.05	0.2	3.15	0.010	0.15	8.8	2.0	0.78	265	0.07	<0.01	0.5	3.7
Q010684		0.59	3.28	0.06	0.6	0.13	0.009	0.62	12.0	13.0	1.62	139	0.31	0.01	2.0	4.4
Q010685		0.71	1.06	0.15	0.1	0.82	0.006	0.15	8.3	1.3	9.73	446	0.14	0.01	0.4	1.8
Q010686		2.11	1.54	0.10	0.3	12.5	0.017	0.26	9.1	3.6	9.46	777	0.08	0.01	0.8	2.1
Q010687		0.62	1.84	0.08	0.4	17.3	0.018	0.37	4.8	11.0	1.69	954	0.37	0.01	1.0	4.5
Q010688		0.57	2.67	0.09	0.5	6.64	0.013	0.51	3.5	15.9	2.26	849	1.40	0.01	1.4	5.6
Q010689		0.60	0.89	0.12	0.1	0.16	<0.005	0.12	8.7	2.0	2.71	279	0.30	0.01	0.5	2.1
Q010690		0.67	0.82	0.09	0.1	1.58	0.017	0.11	2.3	1.6	1.58	5080	0.11	0.01	0.3	2.2
Q010691		0.69	0.80	0.22	0.1	0.31	<0.005	0.12	3.1	1.5	11.10	383	0.21	<0.01	0.3	1.6
Q010692		0.63	1.15	0.23	0.4	0.82	<0.005	0.17	3.3	2.2	11.20	563	0.10	0.01	0.7	2.2
Q010693		0.69	0.52	0.28	0.1	0.07	<0.005	0.06	2.6	0.9	11.95	567	0.08	0.02	0.2	1.0
Q010694		0.62	2.30	0.30	0.6	5.93	0.009	0.41	9.0	4.3	11.20	552	0.34	0.01	1.5	4.2
Q010695		0.56	2.32	0.26	0.7	6.13	0.009	0.40	7.7	4.1	10.20	1040	0.42	0.01	1.3	3.0
Q010696		2.74	1.10	0.06	0.3	55.6	0.024	0.13	5.0	25.9	0.14	256	0.36	<0.01	0.4	1.0
Q010697		0.74	1.54	<0.05	0.7	7.80	0.005	0.30	5.9	37.3	0.13	55	0.22	<0.01	1.2	1.6
Q010698		0.87	2.98	0.07	0.5	0.09	0.015	0.39	7.4	13.8	7.58	1620	1.11	0.18	1.8	10.3
Q010699		0.40	1.93	0.07	0.5	15.0	0.019	0.42	3.0	14.4	1.29	525	1.49	0.01	1.2	5.1
Q010700		1.22	4.69	0.07	1.0	50.5	0.013	0.94	7.9	31.6	2.72	451	0.59	0.01	2.6	18.5
Q011201		1.01	4.41	0.07	1.0	37.0	0.012	0.85	4.0	33.4	2.88	448	0.67	0.01	2.4	9.9
Q011202		0.87	2.04	0.07	0.7	60.6	0.023	0.45	5.6	21.3	1.90	566	0.36	0.01	1.1	9.4
Q011203		0.58	1.23	0.20	0.4	4.46	0.006	0.23	6.4	2.9	11.45	398	0.26	0.01	0.8	3.5
Q011204		0.60	2.04	0.20	0.7	8.83	0.009	0.36	6.7	4.2	9.86	784	0.34	0.01	1.1	3.7
Q011205		0.91	0.63	0.17	0.2	0.67	<0.005	0.09	3.6	1.7	11.65	790	0.13	0.01	0.4	4.5
Q011206		0.52	3.31	0.11	0.6	0.05	0.011	0.55	9.0	16.3	0.34	117	0.12	0.02	2.1	3.8

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14110345

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q010675		150	9.1	0.6	<0.002	1.08	0.38	1.3	1	<0.2	387	<0.05	<0.05	<0.2	<0.005	0.12
Q010676		50	3.0	3.1	<0.002	<0.01	0.48	0.6	1	<0.2	183.0	<0.05	<0.05	0.5	0.011	0.20
Q010677		400	21.9	5.3	<0.002	0.03	0.16	0.8	1	<0.2	873	<0.05	<0.05	0.8	0.014	0.09
Q010678		130	5.6	6.8	<0.002	<0.01	0.37	1.3	1	0.2	934	0.05	<0.05	1.1	0.020	2.93
Q010679		490	21.9	32.3	<0.002	<0.01	4.57	2.9	2	0.9	598	0.25	<0.05	4.1	0.101	15.25
Q010680		720	3.0	4.9	<0.002	0.16	0.16	0.8	1	<0.2	126.0	<0.05	<0.05	0.7	0.015	0.18
Q010681		190	6.5	12.3	<0.002	<0.01	0.95	2.4	1	0.3	517	0.09	<0.05	1.8	0.038	10.55
Q010682		10	1.0	0.3	<0.002	0.18	0.06	0.1	2	<0.2	325	<0.05	<0.05	<0.2	<0.005	0.05
Q010683		120	2.2	8.0	<0.002	0.03	0.10	0.7	1	0.2	783	<0.05	<0.05	0.7	0.013	3.73
Q010684		180	4.8	34.5	<0.002	0.04	0.20	2.2	1	0.4	1220	0.15	<0.05	2.6	0.056	0.47
Q010685		70	2.9	5.1	<0.002	<0.01	0.10	0.5	1	<0.2	229	<0.05	<0.05	0.6	0.013	0.47
Q010686		90	1.7	10.2	<0.002	<0.01	0.10	1.4	1	0.3	242	0.06	<0.05	1.1	0.023	10.25
Q010687		140	6.6	15.4	<0.002	0.04	0.23	2.1	1	0.3	177.5	0.08	<0.05	1.4	0.030	27.8
Q010688		160	6.8	20.3	<0.002	0.01	0.22	1.5	2	0.4	180.5	0.11	<0.05	2.1	0.040	10.60
Q010689		80	3.3	5.8	<0.002	0.13	0.18	0.5	1	<0.2	2000	<0.05	<0.05	0.6	0.013	0.25
Q010690		40	1.7	3.9	<0.002	0.12	0.14	0.7	1	<0.2	404	<0.05	<0.05	0.5	0.010	1.50
Q010691		70	3.0	3.5	<0.002	0.02	0.14	0.5	1	<0.2	86.5	<0.05	<0.05	0.4	0.009	0.75
Q010692		270	1.8	5.7	<0.002	<0.01	0.20	0.8	1	0.2	124.5	0.05	<0.05	0.9	0.019	0.57
Q010693		280	1.2	1.9	<0.002	<0.01	0.12	0.3	1	<0.2	60.4	<0.05	<0.05	0.3	0.007	0.10
Q010694		160	10.1	14.2	<0.002	<0.01	1.05	1.7	1	0.3	135.5	0.11	<0.05	1.9	0.043	6.64
Q010695		150	8.7	14.2	<0.002	<0.01	0.95	1.7	1	0.3	107.0	0.10	<0.05	1.7	0.035	3.83
Q010696		260	73.4	5.2	<0.002	0.02	119.5	0.4	3	0.7	38.4	<0.05	0.09	1.0	0.013	35.3
Q010697		640	9.7	11.5	<0.002	0.01	6.45	0.5	1	0.2	38.3	0.07	<0.05	1.7	0.038	13.90
Q010698		250	35.7	16.9	<0.002	0.01	0.58	2.4	1	0.4	127.5	0.12	<0.05	2.2	0.045	0.21
Q010699		150	6.4	19.0	0.002	0.04	0.25	1.0	1	0.3	146.0	0.08	<0.05	1.7	0.034	13.35
Q010700		370	11.7	42.3	<0.002	0.06	0.40	2.3	3	0.9	135.5	0.20	<0.05	3.1	0.077	147.0
Q011201		320	13.9	39.4	<0.002	0.01	0.35	1.8	2	0.8	108.5	0.18	<0.05	3.1	0.069	87.3
Q011202		200	5.6	19.2	<0.002	0.03	0.59	2.8	3	0.5	132.0	0.08	<0.05	1.8	0.031	58.0
Q011203		90	8.6	8.2	<0.002	<0.01	0.45	0.9	1	0.2	85.7	0.06	<0.05	1.0	0.022	4.99
Q011204		160	8.7	13.2	<0.002	<0.01	0.89	1.7	1	0.3	108.0	0.07	<0.05	1.6	0.031	7.07
Q011205		780	3.3	3.4	<0.002	<0.01	0.39	0.6	1	<0.2	83.8	<0.05	<0.05	0.5	0.011	1.48
Q011206		100	4.0	26.7	<0.002	<0.01	0.12	2.2	<1	0.4	756	0.14	0.07	2.6	0.060	0.25

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VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14110345

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
Q010675		2.8	5	<0.1	14.0	6	3.2	
Q010676		14.8	7	0.3	5.7	6	6.8	
Q010677		9.2	9	0.1	4.9	113	10.6	
Q010678		13.5	13	0.3	4.2	41	9.8	
Q010679		47.4	54	2.1	9.4	132	46.1	
Q010680		2.3	6	0.2	6.0	11	7.7	
Q010681		25.3	23	1.1	11.5	27	28.0	
Q010682		0.5	1	0.1	8.0	5	1.4	
Q010683		5.8	7	0.5	5.4	15	6.8	
Q010684		8.9	18	0.3	6.2	21	21.4	
Q010685		3.6	9	0.4	3.8	3	4.7	
Q010686		1.6	9	0.5	8.1	4	9.1	
Q010687		10.4	12	1.7	10.4	32	13.4	
Q010688		8.1	16	1.7	16.0	5	15.9	
Q010689		3.3	4	0.1	3.6	25	5.2	
Q010690		1.3	5	0.3	3.5	3	4.0	
Q010691		2.0	6	0.2	2.7	5	3.8	
Q010692		2.5	7	0.4	3.5	31	13.5	
Q010693		1.1	4	0.1	2.1	2	3.3	
Q010694		8.5	21	1.7	4.7	24	21.8	
Q010695		7.9	22	1.6	5.0	25	21.0	
Q010696		4.8	8	0.6	1.5	112	9.4	2.51
Q010697		7.4	14	0.9	6.3	14	25.0	
Q010698		1.2	19	0.2	7.5	35	16.5	
Q010699		11.4	13	1.3	4.8	21	16.0	
Q010700		12.2	29	2.5	32.3	43	32.3	
Q011201		14.5	27	2.4	17.9	29	33.2	
Q011202		8.1	14	1.0	37.0	7	20.5	
Q011203		5.0	11	0.9	3.8	22	12.5	
Q011204		7.2	19	1.2	5.3	69	20.8	
Q011205		2.4	5	0.2	4.3	120	6.6	
Q011206		1.7	16	0.3	5.8	9	22.7	

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1016-510 W HASTINGS ST
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Finalized Date: 2-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14110345

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	SPL-21
WEI-21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62	PUL-31	PUL-QC	

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2014
Account: RCM

CERTIFICATE WH14110038

Project: NADALEEN

P.O. No.: R14-011

This report is for 9 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

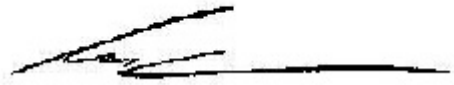
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 29-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110038

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q011207		0.35	<0.01	0.05	1.03	40.9	40	0.28	0.06	30.4	0.02	22.6	2.2	11	2.69	9.1
Q011208		0.28	<0.01	0.08	2.25	128.5	100	0.60	0.29	12.30	<0.02	53.1	9.8	24	4.01	22.6
Q011209		0.35	<0.01	0.04	0.26	42.2	30	0.14	0.02	26.2	0.24	15.65	2.9	4	0.64	6.6
Q011210		0.34	0.01	0.11	2.57	667	140	0.80	0.12	9.24	<0.02	79.9	10.0	28	4.37	15.3
Q011211		0.31	<0.01	0.02	0.32	28.3	10	0.14	0.01	23.0	<0.02	19.05	1.4	3	0.48	16.7
Q011212		0.21	<0.01	0.03	1.15	248	330	0.28	0.04	22.6	<0.02	23.3	1.8	10	1.55	5.3
Q011213		0.29	<0.01	0.04	1.67	0.8	90	0.40	0.07	30.2	0.02	33.9	2.9	13	6.31	8.5
Q011214		0.47	<0.01	0.03	0.34	<0.2	1980	0.10	0.02	29.5	0.04	13.20	1.2	2	0.79	3.1
Q011215		0.21	<0.01	0.05	0.95	107.0	70	0.23	0.04	24.8	<0.02	25.3	2.3	9	2.01	5.2

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Finalized Date: 29-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110038

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q011207		0.96	2.81	<0.05	0.5	1.15	0.015	0.49	11.3	2.8	0.83	232	0.27	0.02	2.2	4.0
Q011208		3.01	6.16	0.07	1.3	1.13	0.048	1.10	23.2	7.1	2.37	450	0.27	0.02	4.9	17.0
Q011209		2.25	0.90	<0.05	0.2	0.10	0.011	0.12	5.8	1.6	4.08	607	0.10	0.01	0.8	8.3
Q011210		3.24	7.33	0.10	1.9	4.16	0.083	1.29	33.8	8.5	2.09	703	0.31	0.02	6.3	22.4
Q011211		2.66	1.01	<0.05	0.2	1.15	0.013	0.14	6.3	1.4	6.99	692	0.05	0.01	0.9	0.9
Q011212		2.95	3.22	<0.05	0.7	0.47	0.019	0.53	9.7	5.0	4.54	873	0.15	0.02	2.5	5.4
Q011213		0.92	4.58	<0.05	0.8	0.03	0.017	0.76	16.8	9.6	0.35	133	0.16	0.02	3.5	5.5
Q011214		3.77	0.95	<0.05	0.1	0.01	0.043	0.15	4.7	3.5	2.19	284	0.10	0.01	1.0	0.7
Q011215		6.10	2.66	0.10	0.6	0.36	0.035	0.44	10.0	4.7	2.23	1070	0.20	0.01	2.1	5.6

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110038

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q011207		140	24.0	20.0	0.002	0.22	0.62	1.7	3	0.3	717	0.13	<0.05	2.3	0.062	2.54
Q011208		150	12.3	47.0	<0.002	0.31	0.90	6.9	2	0.8	125.5	0.35	<0.05	6.3	0.185	1.12
Q011209		120	12.3	4.8	<0.002	0.32	0.23	0.8	3	<0.2	262	<0.05	<0.05	0.7	0.015	0.60
Q011210		170	12.7	59.9	<0.002	0.87	2.51	6.8	2	0.9	102.0	0.50	<0.05	8.1	0.232	8.39
Q011211		230	1.8	5.9	<0.002	0.01	0.18	0.7	3	<0.2	327	<0.05	<0.05	0.8	0.018	0.38
Q011212		40	2.8	20.7	<0.002	<0.01	1.54	2.2	3	0.4	217	0.16	<0.05	2.7	0.065	4.25
Q011213		90	6.2	36.5	<0.002	0.11	0.18	3.1	3	0.5	952	0.21	<0.05	3.6	0.081	0.26
Q011214		50	8.8	6.7	<0.002	0.42	0.07	0.6	3	<0.2	525	<0.05	<0.05	0.7	0.017	0.14
Q011215		60	4.3	20.7	<0.002	0.02	0.33	2.2	3	0.3	224	0.13	<0.05	2.2	0.049	1.20

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110038

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q011207		2.3	13	0.8	5.7	6	19.3
Q011208		2.0	30	1.4	19.1	8	56.1
Q011209		1.1	4	0.1	10.6	87	7.6
Q011210		1.7	31	2.4	19.8	12	72.5
Q011211		0.4	4	0.2	10.7	3	9.0
Q011212		0.9	13	0.6	13.0	4	28.0
Q011213		2.7	21	0.3	12.6	13	27.4
Q011214		0.6	4	0.1	3.6	38	6.1
Q011215		1.2	13	0.5	12.7	10	20.2

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VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110038

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: RCM

CERTIFICATE WH14113439

Project: NADALEEN

P.O. No.: R14 - 012

This report is for 23 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: **ATAC RESOURCES LTD.**
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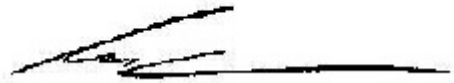
Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113439

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q011216		0.31	<0.01	0.61	2.07	144.0	1280	0.45	0.10	0.14	0.54	18.25	2.9	45	2.31	24.9
Q011217		0.28	<0.01	1.08	3.30	255	1060	0.70	0.16	0.13	0.64	36.8	3.3	98	5.59	53.9
Q011218		0.31	<0.01	0.02	0.19	4.8	80	0.11	0.03	22.4	0.20	2.45	0.7	4	0.20	2.2
Q011219		0.36	<0.01	0.83	1.36	25.2	950	0.27	0.07	0.40	0.26	16.30	1.8	64	1.96	12.7
Q011220		0.45	<0.01	0.80	1.98	42.1	940	0.38	0.09	0.15	0.19	22.1	2.4	55	3.28	15.6
Q011221		0.22	<0.01	0.34	0.61	69.9	200	0.10	0.03	2.25	0.09	5.57	1.5	28	0.94	6.7
Q011222		0.37	<0.01	0.10	0.15	12.9	130	0.10	0.03	31.3	0.12	3.46	1.2	10	0.21	3.8
Q011223		0.19	<0.01	0.11	0.14	2.5	150	0.07	0.01	16.35	0.13	2.49	0.3	9	0.51	1.9
Q011224		0.22	<0.01	0.29	0.40	9.7	140	0.09	0.02	11.90	0.13	3.52	0.7	22	0.94	4.7
Q011225		0.28	<0.01	0.03	0.56	14.3	90	0.19	0.03	35.8	1.28	4.70	1.3	5	0.98	4.0
Q011226		0.22	<0.01	0.07	0.31	808	180	1.71	0.09	1.80	1.17	3.22	4.6	20	0.12	50.9
Q011227		0.09	<0.01	0.69	2.44	43.8	940	0.45	0.10	0.20	0.16	29.4	1.6	59	3.20	16.3
Q011228		0.14	0.01	0.60	3.12	589	1560	0.51	0.13	0.21	0.88	25.3	8.8	73	4.25	100.5
Q011229		0.08	<0.01	0.79	3.54	31.4	1160	0.78	0.15	0.21	0.20	34.4	7.4	77	14.45	39.6
Q011230		0.22	<0.01	0.31	0.74	4.8	640	0.23	0.03	6.82	0.59	10.45	1.0	24	1.33	7.9
Q011231		0.24	<0.01	0.03	1.52	85.8	140	0.60	0.06	5.47	1.42	18.80	3.7	12	1.37	11.9
Q011232		0.77	<0.01	0.02	0.14	243	40	0.10	0.01	18.60	0.84	4.25	0.5	2	0.24	1.8
Q011233		0.38	<0.01	0.06	6.59	24.6	240	1.27	0.19	3.34	1.35	45.1	33.9	78	9.62	150.0
Q011234		0.48	<0.01	0.02	0.14	197.5	30	0.08	0.01	19.30	1.75	5.50	0.6	2	0.26	2.4
Q011235		1.06	<0.01	0.04	5.04	32.7	130	1.29	0.20	0.53	0.31	43.5	17.6	53	4.36	68.1
Q011236		0.66	<0.01	0.03	4.26	13.1	150	1.45	0.14	0.53	0.19	35.1	8.5	28	4.94	27.8
Q011237		0.36	0.01	0.04	6.76	35.4	130	1.40	0.27	0.58	0.48	51.1	27.4	75	5.08	110.0
Q011238		0.24	<0.01	0.04	4.58	13.8	160	1.59	0.19	0.12	0.12	46.5	12.0	37	5.30	37.1

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Finalized Date: 5-AUG-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q011216		2.10	5.43	0.15	1.0	0.32	0.022	0.74	13.6	6.6	0.13	44	1.91	0.02	4.1	35.6
Q011217		4.05	9.63	0.16	1.5	0.27	0.053	1.17	26.7	10.8	0.22	33	2.49	0.02	7.2	40.0
Q011218		0.14	0.58	0.26	0.1	0.09	<0.005	0.07	1.3	1.6	10.25	18	0.32	0.02	0.4	1.7
Q011219		1.90	3.89	0.16	0.6	0.11	0.007	0.53	24.2	7.8	0.13	31	1.96	0.01	2.6	15.0
Q011220		1.45	5.26	0.14	0.9	0.12	0.015	0.73	25.3	10.2	0.14	24	1.05	0.01	3.8	19.3
Q011221		0.60	1.84	0.13	0.3	0.03	<0.005	0.25	6.6	2.3	0.07	45	1.18	<0.01	1.2	15.7
Q011222		0.29	0.69	0.12	0.1	0.01	<0.005	0.06	8.6	0.7	0.14	90	0.33	<0.01	0.3	3.6
Q011223		0.16	0.40	0.12	0.1	0.01	<0.005	0.05	3.6	0.9	0.68	28	0.18	0.01	0.2	2.6
Q011224		0.45	1.03	0.13	0.2	0.02	<0.005	0.15	5.1	2.3	0.53	60	0.79	0.01	0.7	7.2
Q011225		0.28	1.43	0.11	0.3	0.22	<0.005	0.17	4.7	3.2	0.27	65	0.24	<0.01	0.8	12.7
Q011226		>50	4.75	0.45	0.2	2.24	0.005	0.05	3.7	0.7	0.83	86	59.1	<0.01	0.6	45.5
Q011227		1.27	6.54	0.07	1.2	0.12	0.012	0.87	30.1	21.8	0.17	32	1.09	0.01	5.5	22.2
Q011228		5.91	8.67	0.14	1.3	0.32	0.077	0.96	17.6	13.2	0.18	91	3.60	0.01	5.1	65.9
Q011229		17.95	9.35	0.13	1.4	0.12	0.034	1.28	19.7	14.0	0.23	187	11.10	0.03	6.5	50.3
Q011230		0.48	2.02	<0.05	0.3	0.02	0.007	0.30	9.1	11.4	0.12	35	1.60	0.02	1.5	9.9
Q011231		2.95	3.74	<0.05	0.8	0.33	0.017	0.53	7.7	11.8	3.00	1160	1.29	0.13	2.2	6.1
Q011232		0.91	0.46	0.16	0.1	0.56	<0.005	0.06	2.3	0.8	11.25	822	0.09	0.01	0.2	1.1
Q011233		7.38	18.75	0.13	2.0	0.09	0.088	1.40	18.7	143.5	1.88	1260	0.39	0.63	12.4	52.9
Q011234		1.03	0.56	0.20	0.1	0.68	<0.005	0.06	2.8	1.1	11.65	952	0.08	0.01	0.3	1.2
Q011235		5.68	13.45	0.16	2.1	0.05	0.063	1.31	18.3	66.2	0.47	840	0.81	0.11	9.4	29.8
Q011236		4.07	10.65	0.18	1.9	0.10	0.043	1.44	15.5	86.1	0.44	812	0.59	0.03	6.0	16.8
Q011237		7.69	18.45	0.20	2.7	0.06	0.093	1.53	21.2	96.2	0.47	881	0.35	0.10	15.8	42.4
Q011238		4.27	12.35	0.24	2.2	0.10	0.058	1.81	19.8	57.5	0.36	1020	0.47	0.03	7.3	18.4

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

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

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

Finalized Date: 5-AUG-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q011216		610	9.0	38.3	0.002	0.01	1.38	4.3	2	0.6	209	0.25	0.08	2.7	0.124	1.58
Q011217		590	11.2	65.2	0.002	0.02	2.24	5.8	4	1.0	53.0	0.45	0.15	4.5	0.204	1.76
Q011218		120	1.6	2.9	<0.002	<0.01	0.27	0.5	1	<0.2	194.5	<0.05	<0.05	0.3	0.012	0.11
Q011219		830	6.3	28.6	<0.002	0.01	0.61	1.4	3	0.5	188.0	0.17	<0.05	2.5	0.082	1.94
Q011220		360	7.0	38.3	0.002	0.01	0.71	2.6	2	0.6	160.0	0.25	0.06	2.6	0.120	1.44
Q011221		340	4.1	11.5	<0.002	<0.01	0.31	1.1	2	0.3	65.1	0.07	<0.05	1.0	0.033	1.22
Q011222		490	2.0	3.0	<0.002	<0.01	0.15	0.8	1	<0.2	360	<0.05	<0.05	0.6	0.008	0.16
Q011223		220	1.0	2.7	<0.002	<0.01	0.12	0.6	1	<0.2	279	<0.05	<0.05	0.3	0.006	0.14
Q011224		390	2.8	7.8	<0.002	0.01	0.25	0.9	2	0.2	116.5	<0.05	<0.05	0.7	0.019	0.34
Q011225		140	6.5	7.0	<0.002	<0.01	0.64	2.2	1	0.3	46.7	0.05	<0.05	0.7	0.023	0.90
Q011226		790	122.5	1.7	<0.002	0.01	18.70	0.8	12	0.6	30.1	<0.05	0.07	0.2	0.015	3.46
Q011227		240	7.7	47.7	<0.002	<0.01	0.93	3.6	1	0.8	67.1	0.34	0.08	3.3	0.148	1.15
Q011228		1150	11.3	51.0	0.002	0.02	4.38	5.1	4	0.9	536	0.31	0.23	3.8	0.171	2.33
Q011229		590	11.5	70.5	0.009	0.05	2.30	5.6	3	1.0	72.7	0.40	0.15	4.4	0.204	1.08
Q011230		630	2.9	16.1	0.008	0.05	0.28	1.5	2	0.2	134.0	0.07	0.06	1.2	0.041	0.17
Q011231		220	8.5	22.7	<0.002	0.05	0.35	3.2	1	0.5	33.0	0.14	<0.05	2.0	0.085	0.28
Q011232		220	6.6	2.1	<0.002	0.01	0.10	0.3	1	<0.2	52.8	<0.05	<0.05	0.3	0.006	0.44
Q011233		700	10.2	70.4	<0.002	0.10	0.31	27.9	2	1.8	73.2	0.74	0.21	4.2	0.707	0.54
Q011234		230	6.8	2.2	<0.002	0.01	0.09	0.4	1	<0.2	52.1	<0.05	<0.05	0.3	0.007	0.45
Q011235		420	10.7	59.3	<0.002	0.04	0.42	15.0	1	1.7	27.3	0.63	0.13	5.8	0.441	0.39
Q011236		300	9.0	63.7	<0.002	0.07	0.43	9.0	1	1.3	25.9	0.40	0.07	5.0	0.236	0.40
Q011237		600	10.2	69.9	<0.002	0.04	0.34	20.6	2	2.2	38.9	0.93	0.30	6.6	0.628	0.43
Q011238		410	14.9	81.0	<0.002	0.02	0.56	11.4	1	1.7	27.0	0.53	0.10	6.9	0.272	0.51

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q011216		2.3	97	0.5	13.0	196	40.0
Q011217		2.9	224	0.8	9.6	70	62.4
Q011218		2.0	12	0.1	0.9	8	3.4
Q011219		2.6	64	0.3	9.5	20	26.0
Q011220		2.1	96	0.4	6.8	29	35.6
Q011221		1.4	32	0.1	5.2	5	10.5
Q011222		0.8	9	0.1	14.7	10	3.0
Q011223		0.6	6	0.1	13.9	5	2.1
Q011224		1.4	16	0.1	7.0	5	6.2
Q011225		1.9	10	0.1	9.2	53	9.7
Q011226		3.0	121	0.8	8.3	273	10.4
Q011227		2.3	104	0.5	7.5	27	49.5
Q011228		3.1	163	0.6	13.5	211	55.3
Q011229		8.2	199	0.7	11.9	341	59.2
Q011230		2.7	33	0.2	15.1	52	12.1
Q011231		0.7	24	0.4	9.8	208	26.6
Q011232		0.6	2	0.2	2.4	134	2.7
Q011233		1.0	236	0.7	25.0	207	89.4
Q011234		0.5	3	0.1	2.9	176	2.9
Q011235		1.5	126	0.8	17.0	99	82.0
Q011236		1.4	69	0.7	17.9	78	70.1
Q011237		1.9	190	0.9	17.5	150	107.0
Q011238		1.6	78	0.9	19.7	63	80.9

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113439

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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

Finalized Date: 9-AUG-2014
Account: RCM

CERTIFICATE WH14115500

Project: Nadeleen

P.O. No.: R14-013

This report is for 60 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

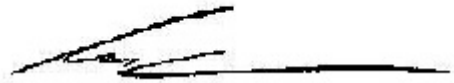
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 9-AUG-2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017229		2.90	<0.01	0.05	0.18	108.5	120	0.21	0.01	37.0	0.71	2.01	1.3	2	0.37	5.0
Q017230		3.09	0.02	0.21	0.76	360	200	0.70	0.04	31.4	2.00	7.64	2.8	7	1.29	12.2
Q017231		3.98	0.55	1.03	5.34	3620	2540	4.66	0.18	6.49	4.50	50.7	6.6	80	12.40	122.5
Q017232		2.15	0.38	0.83	4.96	4780	610	1.14	0.23	1.18	0.65	58.8	0.9	84	15.35	38.4
Q017233		3.96	0.46	0.80	5.20	1075	1470	1.43	0.26	0.85	0.37	69.8	1.0	80	21.8	25.6
Q017234		3.81	0.09	0.58	4.70	2210	2100	1.19	0.26	2.18	0.36	69.1	1.2	77	21.0	21.3
Q017235		1.20	0.05	0.48	1.22	338	250	0.52	0.05	30.6	2.67	13.85	3.9	19	1.22	9.3
Q017236		0.62	0.04	0.55	1.24	235	210	0.60	0.05	28.3	2.36	13.30	3.6	22	1.00	10.1
Q017237		0.75	0.05	0.50	1.48	295	220	0.57	0.05	27.1	6.47	16.00	4.4	20	1.24	12.0
Q017238		2.01	0.09	0.55	1.68	350	300	0.61	0.05	29.1	3.16	17.70	3.9	21	1.47	12.6
Q017239		2.60	0.01	0.20	4.17	91.2	630	1.11	0.13	10.45	2.09	44.2	9.5	51	3.54	22.8
Q017240		2.20	0.01	0.18	4.06	57.9	600	1.08	0.12	12.80	1.04	42.6	8.7	48	3.60	22.7
Q017241		0.80	0.01	0.15	3.39	48.0	600	0.92	0.10	17.40	0.88	35.9	7.3	45	2.70	18.3
Q017242		1.70	<0.01	0.19	5.21	33.2	610	1.28	0.17	5.32	0.77	53.3	11.0	68	4.90	25.0
Q017243		0.64	<0.01	0.13	4.70	26.9	680	1.08	0.15	7.61	0.69	46.0	9.9	92	3.95	24.5
Q017244		2.23	0.02	0.31	0.90	124.0	180	0.42	0.04	31.7	1.31	11.15	2.4	15	0.90	5.4
Q017245		2.27	0.01	0.31	0.97	123.5	170	0.35	0.04	32.2	1.31	11.55	2.3	26	0.99	5.6
Q017246		1.60	0.01	0.17	1.17	122.5	210	0.53	0.05	32.8	0.95	14.25	3.0	18	1.40	6.9
Q017247		2.04	0.04	0.28	1.55	168.5	250	0.64	0.07	29.6	1.20	17.90	3.5	23	1.83	9.1
Q017248		3.22	<0.01	0.10	0.43	187.0	100	0.39	0.02	35.6	0.97	6.34	1.6	8	0.58	3.6
Q017249		1.10	<0.01	0.11	0.40	284	100	0.32	0.03	37.0	1.12	6.48	1.7	8	0.53	4.2
Q017250		1.86	<0.01	0.10	1.38	51.5	240	0.50	0.07	29.1	0.77	15.90	3.7	21	1.51	7.9
Q017251		1.68	<0.01	0.08	0.84	74.5	160	0.41	0.05	33.4	1.35	10.15	2.5	13	1.00	6.3
Q017252		2.46	0.01	0.14	2.05	61.7	320	0.75	0.08	23.1	0.96	23.2	4.9	27	2.11	12.2
Q017253		2.38	<0.01	0.07	1.07	30.1	170	0.39	0.06	30.7	0.79	12.35	2.9	14	1.11	7.5
Q017254		2.26	<0.01	0.18	1.85	76.0	230	0.75	0.09	28.2	1.05	23.9	4.8	19	2.08	13.9
Q017255		0.60	0.01	0.22	1.62	112.5	230	0.66	0.08	30.9	1.23	19.40	4.0	17	1.91	12.6
Q017256		2.30	0.01	0.22	2.30	108.5	370	0.94	0.11	24.3	1.29	27.1	5.2	31	2.78	15.8
Q017257		1.09	0.01	0.21	1.69	220	240	0.76	0.08	29.6	1.57	20.6	4.1	22	2.02	12.2
Q017258		1.70	0.02	0.22	0.58	558	90	1.13	0.04	36.1	1.13	6.24	1.6	15	0.88	4.2
Q017259		1.03	0.01	0.11	0.52	44.4	100	0.25	0.03	36.2	0.65	7.56	1.4	10	0.70	4.2
Q017260		1.47	0.01	0.50	2.62	116.0	1100	0.88	0.10	15.15	1.05	27.2	4.5	56	4.28	19.1
Q017261		0.73	0.01	0.88	2.47	109.5	830	0.86	0.11	16.55	1.42	26.9	4.2	52	3.94	17.1
Q017262		2.00	0.05	0.74	2.00	245	1550	0.81	0.09	28.7	2.29	22.2	4.1	29	2.30	9.3
Q017263		1.92	0.01	0.37	1.15	116.0	210	0.55	0.06	30.9	2.40	13.40	2.9	17	1.42	6.9
Q017264		1.64	0.01	0.29	3.18	140.0	370	1.10	0.12	24.8	1.82	31.1	6.5	33	3.25	14.3
Q017265		2.85	0.01	0.35	3.50	649	400	1.22	0.12	23.1	2.50	34.0	8.2	38	3.91	19.6
Q017266		1.32	0.01	0.31	1.87	844	290	0.89	0.08	29.1	3.15	18.85	5.5	22	2.45	14.5
Q017267		1.64	<0.01	0.16	6.21	89.8	800	1.65	0.21	4.14	1.12	55.7	12.6	71	5.75	31.2
Q017268		2.35	<0.01	0.15	6.64	51.8	760	1.81	0.21	6.94	0.91	61.4	13.7	71	6.41	30.7

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

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VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017229		0.28	0.40	0.08	0.1	0.13	<0.005	0.05	1.2	1.1	0.28	55	0.26	0.01	0.2	6.5
Q017230		0.89	1.88	0.13	0.3	0.45	0.006	0.31	3.5	3.2	3.34	219	1.98	0.01	1.1	15.9
Q017231		5.69	13.55	0.16	2.0	1.11	0.054	1.94	26.4	15.2	0.46	138	6.99	0.02	12.2	81.4
Q017232		4.60	19.15	0.16	2.6	2.26	0.051	2.45	30.1	12.0	0.35	25	7.41	0.03	16.0	8.9
Q017233		1.89	16.35	0.16	3.3	4.66	0.037	2.40	38.5	13.4	0.40	29	7.58	0.03	18.6	13.3
Q017234		2.34	15.80	0.16	3.1	1.36	0.051	2.30	37.9	14.6	0.39	48	7.38	0.04	18.1	15.7
Q017235		1.11	2.81	0.11	0.6	8.15	0.014	0.36	8.3	6.4	0.76	533	2.87	0.04	2.3	18.7
Q017236		0.98	2.97	0.09	0.6	7.60	0.009	0.35	7.5	6.8	1.48	516	2.44	0.06	2.2	15.0
Q017237		1.29	3.66	0.09	0.6	5.04	0.017	0.43	9.4	8.9	1.98	580	3.42	0.07	2.6	22.2
Q017238		1.16	4.10	0.12	0.7	13.7	0.019	0.54	9.8	8.8	0.97	380	4.76	0.05	2.9	22.7
Q017239		2.93	10.95	0.16	1.9	0.68	0.046	1.17	22.4	35.0	1.23	620	1.75	0.23	6.9	34.5
Q017240		2.64	10.85	0.13	1.7	0.52	0.044	1.17	21.6	33.1	1.37	479	2.21	0.23	6.7	31.1
Q017241		2.24	8.75	0.13	1.5	0.61	0.028	0.98	17.5	26.6	2.06	415	2.39	0.22	5.7	25.6
Q017242		3.18	13.25	0.16	2.2	0.22	0.048	1.41	26.9	41.3	0.83	534	1.90	0.28	8.1	39.4
Q017243		3.25	11.85	0.13	2.0	0.14	0.038	1.32	23.8	37.6	0.93	528	6.73	0.26	7.7	35.0
Q017244		0.61	2.46	0.10	0.5	11.7	0.011	0.26	6.6	5.7	1.21	410	1.56	0.05	1.8	9.5
Q017245		0.64	2.52	0.11	0.5	5.02	0.014	0.30	6.8	6.1	1.96	370	1.60	0.05	1.8	9.6
Q017246		0.74	3.24	0.13	0.5	2.00	0.013	0.34	8.6	7.5	0.39	345	2.73	0.07	2.3	12.3
Q017247		0.99	3.99	0.14	0.7	4.84	0.011	0.45	10.6	9.2	0.84	373	2.14	0.09	2.8	14.9
Q017248		0.46	1.24	0.10	0.2	1.75	0.010	0.13	4.3	2.9	0.15	452	0.51	0.03	0.9	9.8
Q017249		0.51	1.06	0.15	0.2	2.39	0.005	0.13	5.8	2.6	0.13	416	0.57	0.02	0.7	10.6
Q017250		0.96	3.31	0.14	0.6	0.59	0.009	0.37	10.3	9.9	0.43	218	0.59	0.09	2.4	12.2
Q017251		0.56	2.10	0.13	0.3	1.66	<0.005	0.23	6.7	5.7	0.42	276	0.39	0.06	1.5	8.3
Q017252		1.28	4.75	0.12	0.9	0.65	0.017	0.59	12.7	13.7	2.56	344	0.96	0.14	3.6	17.1
Q017253		0.65	2.67	0.16	0.4	0.36	0.012	0.31	7.9	7.6	1.79	165	0.54	0.07	1.9	10.1
Q017254		1.15	4.63	0.13	0.8	0.94	0.012	0.59	12.4	11.7	1.99	355	1.01	0.13	3.9	15.1
Q017255		1.00	4.01	0.15	0.7	1.22	0.016	0.50	10.9	10.0	1.22	322	0.93	0.11	3.2	13.7
Q017256		1.44	5.36	0.15	1.0	1.08	0.018	0.68	14.7	13.9	1.68	365	1.35	0.17	4.5	20.2
Q017257		1.14	4.27	0.19	0.8	2.12	0.010	0.54	11.8	10.0	1.02	388	1.39	0.11	3.5	16.6
Q017258		0.68	1.50	0.12	0.2	8.03	0.006	0.20	4.2	2.7	0.25	368	1.48	0.02	1.0	9.3
Q017259		0.34	1.32	0.16	0.2	0.51	<0.005	0.14	6.6	3.3	0.15	160	0.45	0.03	0.9	5.8
Q017260		1.75	6.41	0.15	1.0	1.17	0.022	0.83	17.9	18.1	1.18	266	2.06	0.08	4.6	24.7
Q017261		1.58	6.00	0.17	1.0	2.61	0.023	0.77	16.9	16.3	1.00	241	1.86	0.07	4.6	22.7
Q017262		1.33	4.80	0.20	0.8	19.1	0.015	0.52	12.5	10.7	0.94	489	1.59	0.13	3.6	16.1
Q017263		0.74	2.78	0.13	0.5	1.55	0.010	0.32	7.4	6.4	1.05	336	0.69	0.08	2.1	12.1
Q017264		1.72	7.47	0.21	1.1	1.03	0.027	0.88	16.6	21.8	0.70	388	1.18	0.15	4.9	26.0
Q017265		2.34	8.24	0.16	1.3	3.54	0.029	1.01	18.0	22.0	0.52	430	2.71	0.14	5.6	38.9
Q017266		1.86	4.50	0.13	0.7	2.63	0.019	0.59	11.1	9.8	0.26	424	3.30	0.06	3.3	40.5
Q017267		3.56	14.20	0.19	2.2	0.19	0.052	1.67	30.2	46.1	0.79	461	2.33	0.30	8.5	46.9
Q017268		3.64	15.80	0.18	2.4	0.16	0.058	1.80	33.3	50.6	0.94	416	1.46	0.31	9.6	46.2

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

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

Finalized Date: 9-AUG-2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017229		80	4.4	2.4	<0.002	<0.01	0.50	0.4	1	<0.2	332	<0.05	<0.05	0.2	0.007	0.08
Q017230		600	82.3	12.1	<0.002	<0.01	4.27	1.5	5	0.3	398	0.07	<0.05	1.0	0.036	0.23
Q017231		1820	46.5	87.3	<0.002	0.36	7.34	6.9	2	1.6	175.0	0.78	<0.05	6.7	0.260	4.16
Q017232		830	18.2	111.0	<0.002	0.79	5.55	6.4	2	2.0	170.5	1.04	0.09	7.7	0.329	9.33
Q017233		650	20.5	117.5	0.004	0.39	5.81	7.3	5	2.1	140.5	1.19	0.06	8.0	0.385	5.72
Q017234		970	21.5	117.5	0.004	0.58	4.88	8.5	4	1.9	147.0	1.13	0.09	9.0	0.361	3.59
Q017235		860	58.6	15.1	0.002	0.03	3.89	3.8	1	0.4	119.5	0.15	<0.05	1.7	0.076	1.87
Q017236		620	75.0	14.8	<0.002	0.02	3.91	3.7	2	0.4	114.5	0.14	<0.05	1.7	0.077	1.86
Q017237		840	108.5	19.3	<0.002	0.01	6.82	4.0	1	0.5	136.0	0.18	<0.05	2.0	0.092	1.44
Q017238		800	69.6	22.0	0.002	0.02	5.55	4.0	2	0.6	172.0	0.19	<0.05	2.4	0.089	1.18
Q017239		720	17.5	68.4	0.003	0.05	1.34	9.0	1	1.3	121.5	0.49	0.06	5.6	0.239	0.70
Q017240		680	15.0	65.6	0.002	0.05	1.25	8.6	2	1.3	179.5	0.45	<0.05	5.3	0.240	0.56
Q017241		600	43.7	52.7	0.003	0.05	1.09	6.8	1	1.0	171.0	0.39	<0.05	4.5	0.201	0.53
Q017242		890	15.3	84.3	<0.002	0.05	1.09	10.7	1	1.5	158.5	0.57	<0.05	6.7	0.295	0.66
Q017243		710	13.3	73.3	0.002	0.06	1.02	9.4	2	1.5	127.0	0.54	<0.05	6.1	0.279	0.55
Q017244		310	43.5	12.7	<0.002	0.01	2.51	3.5	1	0.3	82.4	0.12	<0.05	1.4	0.057	0.49
Q017245		270	31.7	13.8	<0.002	0.01	1.79	3.4	2	0.3	84.9	0.12	<0.05	1.5	0.060	0.54
Q017246		350	20.9	17.1	<0.002	0.01	1.29	4.1	1	0.4	94.9	0.16	0.05	1.8	0.074	0.53
Q017247		400	33.0	22.2	<0.002	0.01	1.88	4.1	1	0.5	103.0	0.19	<0.05	2.3	0.094	0.77
Q017248		240	8.6	6.7	<0.002	0.01	1.04	2.5	1	0.2	45.1	0.06	<0.05	0.7	0.028	0.31
Q017249		290	9.4	6.0	<0.002	0.02	1.06	2.4	1	0.2	55.7	0.05	<0.05	0.8	0.025	0.32
Q017250		260	9.2	20.9	<0.002	<0.01	0.45	3.1	<1	0.4	126.0	0.15	<0.05	2.1	0.084	0.31
Q017251		250	7.3	12.6	<0.002	<0.01	0.46	3.0	1	0.2	93.4	0.11	<0.05	1.3	0.051	0.27
Q017252		430	12.7	29.8	<0.002	0.01	0.76	4.6	1	0.6	119.0	0.24	<0.05	3.3	0.125	0.44
Q017253		240	6.5	16.2	<0.002	<0.01	0.40	2.4	1	0.4	113.5	0.12	<0.05	1.8	0.065	0.33
Q017254		380	17.5	27.4	<0.002	<0.01	0.91	4.4	<1	0.6	138.0	0.25	<0.05	3.5	0.128	0.47
Q017255		390	24.7	22.9	<0.002	<0.01	1.00	4.3	1	0.5	112.5	0.21	<0.05	2.9	0.108	0.44
Q017256		480	18.6	33.9	<0.002	0.01	1.14	5.2	1	0.7	108.5	0.30	0.05	3.9	0.155	0.52
Q017257		460	20.0	24.7	<0.002	<0.01	1.60	4.1	1	0.5	97.6	0.23	0.05	3.1	0.117	0.58
Q017258		480	19.5	8.2	<0.002	0.01	2.77	1.6	1	0.3	41.3	0.06	<0.05	0.9	0.032	0.84
Q017259		280	9.8	7.6	0.002	0.01	0.44	2.5	<1	0.2	108.0	0.06	<0.05	0.9	0.033	0.18
Q017260		650	18.7	47.1	0.004	0.07	1.17	5.5	1	0.8	175.5	0.29	0.06	3.8	0.150	0.76
Q017261		600	44.5	42.2	0.002	0.05	1.50	5.3	1	0.7	141.0	0.28	0.05	3.8	0.144	0.79
Q017262		350	65.8	27.3	<0.002	0.04	3.80	6.0	1	0.5	134.0	0.23	<0.05	3.2	0.119	0.85
Q017263		250	34.5	17.5	<0.002	0.02	1.28	4.3	1	0.4	116.5	0.13	<0.05	1.9	0.070	0.50
Q017264		480	31.7	50.6	0.002	0.04	1.54	7.3	<1	1.0	88.5	0.32	0.05	4.6	0.171	0.65
Q017265		590	38.6	56.8	<0.002	0.02	4.04	7.8	1	1.1	74.5	0.36	0.06	4.9	0.190	0.98
Q017266		540	51.4	28.6	0.002	<0.01	8.22	5.5	1	0.6	68.0	0.21	<0.05	2.7	0.098	0.78
Q017267		860	16.6	94.6	0.003	0.07	0.86	11.9	1	1.7	119.5	0.60	<0.05	8.5	0.333	0.75
Q017268		880	18.2	107.0	0.002	0.16	0.86	12.9	<1	1.8	119.0	0.67	0.06	9.3	0.361	0.83

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

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

Finalized Date: 9-AUG-2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q017229		0.4	8	0.4	3.1	68	2.4
Q017230		1.5	20	1.3	7.5	205	11.2
Q017231		4.8	326	9.7	48.9	462	80.3
Q017232		3.1	388	12.1	10.8	39	95.1
Q017233		3.7	337	10.3	15.5	31	122.5
Q017234		3.4	304	6.6	14.7	34	118.5
Q017235		8.4	57	1.6	10.9	381	19.1
Q017236		6.0	50	1.6	9.0	326	18.6
Q017237		7.1	61	1.2	12.1	807	21.0
Q017238		6.1	67	1.9	11.1	369	24.8
Q017239		2.5	103	1.0	16.2	233	72.9
Q017240		2.6	99	0.9	14.9	140	64.8
Q017241		2.4	91	0.8	12.7	118	53.3
Q017242		2.6	116	1.1	17.7	139	78.0
Q017243		2.3	112	1.0	16.3	129	73.4
Q017244		4.6	36	0.8	8.2	115	15.2
Q017245		4.9	33	0.9	8.1	139	15.5
Q017246		5.1	40	0.7	9.7	97	19.0
Q017247		4.5	51	1.0	10.3	147	22.5
Q017248		3.2	24	0.2	9.5	71	8.2
Q017249		4.8	24	0.2	10.9	89	6.9
Q017250		2.9	41	0.4	9.1	75	20.7
Q017251		3.8	30	0.3	8.9	61	12.2
Q017252		2.7	59	0.6	11.0	100	29.3
Q017253		2.1	29	0.4	8.4	76	14.8
Q017254		2.8	48	0.7	10.2	99	29.7
Q017255		3.0	45	0.7	10.7	104	26.9
Q017256		3.1	68	0.7	12.9	120	35.6
Q017257		3.6	56	0.7	12.0	118	26.7
Q017258		3.2	26	0.5	6.6	93	8.5
Q017259		5.9	27	0.3	11.0	39	8.1
Q017260		3.1	101	0.7	15.9	135	38.9
Q017261		3.3	93	1.1	15.5	198	39.3
Q017262		4.1	59	1.3	12.0	268	29.0
Q017263		3.7	38	1.1	9.0	156	17.0
Q017264		3.9	70	1.1	14.1	170	42.4
Q017265		4.4	93	1.2	14.1	318	48.4
Q017266		6.5	88	2.0	12.0	429	27.3
Q017267		2.9	121	1.1	19.2	181	79.4
Q017268		3.3	128	1.2	20.4	158	86.9

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1016-510 W HASTINGS ST
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Finalized Date: 9-AUG-2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017269		2.53	<0.01	0.16	5.74	79.8	810	1.44	0.17	8.54	1.01	52.5	12.1	65	5.73	27.2
Q017270		2.79	<0.01	0.24	3.42	76.3	540	1.01	0.13	15.45	1.60	40.6	8.0	39	3.07	24.8
Q017271		2.24	<0.01	0.14	5.25	39.2	600	1.40	0.17	9.20	1.13	50.6	10.9	56	4.77	28.3
Q017272		1.60	<0.01	0.17	6.19	32.1	680	1.51	0.20	6.63	0.75	57.5	12.2	68	5.84	29.7
Q017273		1.70	<0.01	0.24	5.37	47.4	860	1.38	0.19	10.15	0.97	52.3	11.1	86	5.22	29.9
Q017274		2.46	<0.01	0.18	5.17	61.4	570	1.41	0.16	9.46	1.21	51.2	10.7	55	4.30	36.8
Q017275		1.91	<0.01	0.13	4.25	34.5	510	1.06	0.13	12.20	0.78	41.5	9.1	59	3.92	22.3
Q017276		1.11	<0.01	0.13	4.34	31.1	540	1.10	0.14	11.80	0.71	42.5	9.4	60	4.11	22.6
Q017277		2.59	<0.01	0.14	5.41	27.6	760	1.44	0.17	7.33	0.74	50.6	11.7	59	4.79	27.6
Q017278		0.85	0.01	0.18	4.83	31.2	660	1.23	0.16	9.00	0.91	46.4	10.5	73	4.46	24.8
Q017279		2.22	0.01	0.26	3.27	72.3	480	0.97	0.12	12.70	1.43	34.8	7.8	44	3.04	19.5
Q017280		1.38	<0.01	0.38	5.79	79.5	800	1.57	0.24	8.32	1.44	64.9	12.5	60	6.61	37.8
Q017281		1.24	0.01	0.35	3.15	103.0	490	0.94	0.12	15.60	2.21	36.7	7.5	40	3.09	19.4
Q017282		1.47	<0.01	0.30	2.83	80.8	550	0.87	0.12	13.40	1.38	32.0	6.3	45	3.23	18.1
Q017283		1.29	0.01	0.32	2.81	159.5	560	0.86	0.12	18.25	2.69	31.8	6.7	36	2.78	21.6
Q017284		1.22	0.01	0.39	3.55	157.5	590	1.13	0.15	12.70	2.63	40.4	8.1	49	3.81	27.5
Q017285		1.13	0.01	0.39	2.52	208	490	0.77	0.08	19.05	3.09	30.4	6.9	33	2.81	24.5
Q017286		1.61	0.01	1.15	2.90	690	680	0.85	0.10	8.26	2.17	34.1	4.1	62	4.98	24.0
Q017287		1.53	<0.01	1.59	2.56	627	590	0.77	0.10	5.40	2.07	28.7	2.5	63	4.88	26.9
Q017288		1.25	0.01	1.41	2.73	689	620	0.85	0.09	4.41	1.85	30.3	3.0	87	4.97	28.4

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Finalized Date: 9-AUG-2014
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Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017269		3.32	13.35	0.17	2.1	0.44	0.050	1.56	28.7	43.5	0.90	470	1.39	0.28	8.1	41.8
Q017270		2.25	8.39	0.14	1.4	0.84	0.032	0.99	23.0	25.2	1.49	481	1.80	0.26	6.4	28.1
Q017271		3.20	12.45	0.18	2.1	0.16	0.045	1.40	28.6	38.8	0.90	503	1.72	0.32	8.1	38.8
Q017272		3.48	14.45	0.15	2.2	0.11	0.051	1.66	31.4	46.9	0.90	433	1.65	0.30	8.9	43.1
Q017273		3.25	12.85	0.18	2.0	0.17	0.039	1.51	29.2	38.6	1.21	446	2.69	0.28	8.2	39.6
Q017274		3.24	12.70	0.16	2.1	0.36	0.039	1.49	28.9	35.0	1.38	495	1.53	0.30	8.9	37.4
Q017275		2.62	10.20	0.14	1.7	0.28	0.039	1.18	22.9	31.7	0.97	453	1.86	0.24	6.4	30.6
Q017276		2.70	10.40	0.15	1.7	0.15	0.043	1.17	23.7	34.0	0.97	494	1.91	0.24	6.4	31.0
Q017277		3.32	12.80	0.16	2.3	0.12	0.049	1.45	27.5	43.2	0.99	480	1.51	0.29	8.1	39.0
Q017278		2.95	11.35	0.17	2.0	0.14	0.042	1.32	25.6	36.7	0.91	456	2.66	0.26	7.3	35.0
Q017279		2.22	7.92	0.12	1.3	1.72	0.027	0.89	18.7	23.5	1.81	456	1.53	0.21	5.6	26.2
Q017280		3.32	14.20	0.18	2.2	1.21	0.048	1.73	35.3	38.4	1.78	421	2.91	0.39	11.0	44.0
Q017281		2.16	7.78	0.14	1.2	6.23	0.029	0.90	20.0	23.2	2.05	533	2.73	0.21	5.5	28.3
Q017282		1.83	6.82	0.14	1.2	2.14	0.021	0.82	18.0	19.1	2.53	376	1.60	0.19	5.4	24.5
Q017283		2.00	6.93	0.14	1.1	10.00	0.026	0.85	17.4	20.1	1.89	425	3.83	0.18	5.3	30.0
Q017284		2.36	8.85	0.18	1.4	9.46	0.038	1.01	21.9	24.3	1.69	451	3.14	0.25	6.6	34.0
Q017285		1.78	6.82	0.05	1.2	10.9	0.035	0.74	16.8	18.4	1.00	375	3.46	0.20	5.2	30.4
Q017286		1.61	8.85	0.07	1.3	10.50	0.037	0.97	20.6	15.0	1.06	214	15.65	0.10	5.6	35.1
Q017287		1.17	7.53	0.07	1.0	12.5	0.024	0.89	19.1	10.0	1.00	145	19.85	0.05	4.6	37.5
Q017288		1.44	8.26	0.10	1.2	14.2	0.031	0.97	19.8	12.3	0.57	172	19.45	0.07	5.1	37.3

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

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

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

Finalized Date: 9-AUG-2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017269		800	17.2	90.2	<0.002	0.13	0.88	11.2	1	1.6	141.5	0.54	0.06	7.8	0.316	0.77
Q017270		680	18.9	52.3	0.003	0.03	1.25	7.1	1	1.0	261	0.42	<0.05	5.6	0.222	0.51
Q017271		900	15.4	79.7	<0.002	0.04	0.90	10.4	1	1.4	131.5	0.55	0.05	7.9	0.298	0.60
Q017272		850	15.7	96.3	0.002	0.04	0.91	12.0	1	1.7	123.0	0.62	0.06	8.4	0.339	0.71
Q017273		830	18.3	85.3	<0.002	0.05	1.02	10.8	1	1.6	177.0	0.54	<0.05	7.7	0.305	0.64
Q017274		740	22.7	79.2	<0.002	0.03	1.05	11.3	1	1.5	137.5	0.57	0.06	7.5	0.344	0.67
Q017275		640	13.4	66.4	<0.002	0.03	0.68	8.4	<1	1.2	145.0	0.43	<0.05	6.1	0.239	0.49
Q017276		680	12.6	69.1	<0.002	0.04	0.66	8.7	1	1.2	148.5	0.45	0.07	6.4	0.250	0.52
Q017277		730	14.9	83.5	0.002	0.05	0.84	11.0	1	1.6	136.0	0.54	0.06	7.6	0.317	0.58
Q017278		690	16.4	77.3	0.003	0.08	0.80	9.6	1	1.4	125.0	0.49	0.06	6.9	0.273	0.58
Q017279		650	19.5	50.7	<0.002	0.02	1.35	6.7	1	1.0	121.5	0.37	<0.05	5.0	0.196	0.60
Q017280		790	25.5	91.6	<0.002	0.03	2.05	11.1	2	1.7	146.0	0.74	0.05	9.7	0.364	1.06
Q017281		690	25.8	50.4	<0.002	0.02	2.06	6.8	1	0.9	135.0	0.36	<0.05	5.2	0.187	1.31
Q017282		610	17.6	45.3	<0.002	0.02	1.31	5.9	1	0.8	130.0	0.35	0.05	4.6	0.177	0.69
Q017283		630	26.9	44.8	0.002	0.03	2.86	6.2	1	0.8	160.5	0.34	<0.05	4.5	0.169	1.24
Q017284		720	31.9	57.0	<0.002	0.03	2.88	7.7	1	1.1	132.5	0.43	0.07	5.6	0.227	1.17
Q017285		640	32.4	42.4	0.003	0.04	3.63	5.5	<1	0.9	236	0.34	0.05	4.6	0.139	1.07
Q017286		1570	62.7	54.9	0.045	0.20	13.55	5.7	4	1.0	169.0	0.38	0.12	5.3	0.160	8.24
Q017287		1320	81.4	47.3	0.056	0.19	17.05	4.2	5	0.9	123.5	0.31	0.11	4.1	0.137	9.64
Q017288		1410	56.1	51.1	0.054	0.17	19.05	4.9	6	1.1	120.5	0.35	0.11	4.6	0.156	9.93

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

Finalized Date: 9-AUG-2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q017269		3.3	112	1.0	18.6	171	76.7
Q017270		3.0	107	0.8	16.9	141	53.7
Q017271		3.4	106	1.0	19.7	145	74.3
Q017272		2.7	119	1.1	19.7	149	80.3
Q017273		3.0	122	1.0	19.6	145	74.9
Q017274		2.9	126	1.0	19.4	152	84.0
Q017275		2.7	86	0.8	17.0	125	59.2
Q017276		2.5	87	0.8	17.5	123	62.0
Q017277		2.6	111	1.0	18.4	140	78.1
Q017278		2.7	99	0.9	17.6	129	67.5
Q017279		2.4	84	0.7	14.3	167	48.6
Q017280		3.6	141	1.2	20.2	204	81.9
Q017281		4.0	89	0.9	15.0	253	48.6
Q017282		3.1	86	0.8	14.1	150	44.7
Q017283		3.7	110	0.9	14.6	301	44.2
Q017284		3.8	124	1.0	16.7	262	52.3
Q017285		4.7	114	0.8	15.5	266	49.0
Q017286		7.6	632	1.6	19.5	225	50.4
Q017287		10.4	772	1.9	18.0	264	40.5
Q017288		9.3	739	1.8	19.0	232	47.0

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Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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

Finalized Date: 17-AUG-2014
Account: RCM

CERTIFICATE WH14116726

Project: Nadaleen

P.O. No.: R14-014

This report is for 11 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 17-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116726

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N831746		1.14	1.07	0.05	10.05	2790	340	1.61	0.34	0.16	0.02	119.0	4.0	79	28.1	24.0
N831747		0.70	0.32	0.14	6.16	1040	250	1.05	0.23	0.07	<0.02	54.5	9.7	65	32.9	33.4
N831748		0.77	0.14	0.03	4.60	1620	140	1.27	0.16	12.25	0.06	51.7	5.8	38	45.4	20.2
N831749		0.77	0.52	0.05	9.66	1220	350	1.33	0.25	0.14	<0.02	86.1	1.3	107	33.8	5.4
N831750		1.01	3.68	0.06	6.40	>10000	240	0.97	0.27	0.14	<0.02	74.4	3.4	68	14.85	32.2
Q011151		0.86	0.01	0.06	9.69	245	650	1.60	0.35	0.17	0.03	105.0	4.6	80	42.2	27.3
Q011152		1.42	1.83	0.04	4.81	7150	200	0.87	0.20	0.05	0.07	58.8	9.6	58	22.1	19.5
Q011153		0.96	0.36	0.10	9.78	2570	310	2.93	0.44	0.20	0.13	99.7	22.4	83	104.0	77.8
Q017354		5.54	0.03	0.29	0.81	522	160	0.46	0.01	26.7	7.61	8.20	7.3	10	1.08	11.6
Q017355		0.97	0.07	1.13	4.76	646	730	0.95	0.16	8.71	5.34	52.0	4.6	67	5.10	27.9
Q017356		4.22	0.01	0.17	5.63	62.8	730	1.20	0.14	8.33	0.70	49.1	10.7	66	5.86	29.0

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116726

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N831746		2.87	26.2	0.16	3.4	5.31	0.061	4.66	61.2	13.9	0.56	58	1.12	0.06	14.2	10.3
N831747		4.68	15.30	0.06	2.7	3.11	0.066	2.64	27.6	54.9	0.33	196	0.49	0.03	8.8	15.9
N831748		4.06	11.35	<0.05	1.5	2.80	0.036	1.74	27.5	28.0	3.95	1660	0.44	0.03	6.0	12.5
N831749		1.48	25.2	0.19	3.2	4.64	0.066	4.39	43.0	32.2	0.60	24	0.23	0.04	12.9	7.0
N831750		4.14	17.15	0.12	3.3	9.61	0.051	2.96	39.1	13.0	0.34	96	0.75	0.03	17.3	8.0
Q011151		3.07	25.3	0.17	3.1	1.14	0.068	4.28	54.5	34.6	0.55	121	0.42	0.10	13.7	9.5
Q011152		2.74	13.05	0.10	2.0	9.89	0.046	2.11	29.5	27.8	0.22	191	1.16	0.02	7.1	9.0
Q011153		4.79	27.1	0.15	3.7	5.06	0.094	3.73	46.0	60.7	0.53	668	1.44	0.04	15.3	44.9
Q017354		1.41	1.65	0.06	0.3	7.90	0.006	0.23	5.0	3.3	5.10	375	4.48	0.02	1.2	36.3
Q017355		2.27	12.30	0.11	2.1	7.17	0.038	1.81	30.9	15.7	0.67	236	6.43	0.11	13.0	25.4
Q017356		3.39	12.55	0.11	2.0	0.29	0.052	1.59	26.6	34.1	1.15	484	1.89	0.29	8.3	36.7

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116726

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N831746		570	20.4	192.0	0.002	0.17	31.8	13.6	1	2.8	156.0	1.10	0.08	19.7	0.455	32.7
N831747		630	16.1	132.0	<0.002	0.17	3.55	12.2	<1	1.7	116.0	0.64	<0.05	9.2	0.418	14.50
N831748		490	14.9	92.1	<0.002	0.14	4.14	9.9	<1	1.2	206	0.46	<0.05	7.9	0.207	12.05
N831749		400	17.1	217	<0.002	0.16	24.9	20.3	1	2.8	94.5	0.90	<0.05	12.5	0.619	12.45
N831750		620	19.0	141.5	<0.002	0.33	71.0	11.0	<1	2.1	71.2	1.09	0.10	10.5	0.600	22.4
Q011151		950	18.6	206	<0.002	0.34	1.59	15.1	1	2.7	335	1.03	0.08	16.0	0.465	4.46
Q011152		270	12.8	104.5	<0.002	0.28	87.6	8.5	<1	1.3	146.0	0.50	0.11	8.3	0.285	136.5
Q011153		620	22.0	180.0	<0.002	0.09	14.85	17.9	1	2.9	196.5	1.14	0.09	18.8	0.471	20.1
Q017354		350	53.1	10.0	<0.002	0.01	4.15	1.6	<1	0.3	102.5	0.08	<0.05	1.1	0.035	0.58
Q017355		970	154.0	75.2	<0.002	0.15	15.85	7.3	1	1.5	102.0	0.82	0.08	7.4	0.320	4.65
Q017356		760	16.3	82.0	0.002	0.10	1.31	10.3	<1	1.5	121.0	0.56	<0.05	7.5	0.323	0.86

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

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Finalized Date: 17-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116726

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
N831746		3.2	135	5.3	18.9	29	114.0	
N831747		1.9	117	2.0	16.4	58	90.6	
N831748		2.1	54	3.1	16.8	73	55.6	
N831749		2.0	196	4.3	21.6	12	113.0	
N831750		2.3	126	8.6	17.2	35	116.5	1.225
Q011151		2.5	105	3.5	17.2	28	105.0	
Q011152		1.5	90	4.7	10.3	50	69.5	
Q011153		3.9	145	6.5	23.0	75	123.5	
Q017354		4.1	32	0.6	9.5	908	10.7	
Q017355		6.6	247	3.8	17.2	568	85.4	
Q017356		2.5	132	1.0	17.0	153	76.1	

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

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

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

Finalized Date: 17-AUG-2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116726

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62	PUL-31	PUL-QC	

ALS Canada Ltd.

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

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

Finalized Date: 19-AUG-2014
Account: RCM

CERTIFICATE WH14120283

Project: RAV

P.O. No.: BATCH R14-015

This report is for 23 Rock samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Ba-XRF10	Fusion XRF - Ba Ore Grade	XRF
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 19-AUG-2014
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH14120283

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q011154		0.55	0.18	1.03	10.65	46.6	8140	5.10	6.25	0.14	0.64	99.3	7.0	45	1.93	21.7
Q011155		0.16	0.91	3.64	11.35	221	7650	5.68	25.6	0.29	4.32	182.5	15.8	56	2.33	36.0
Q011156		0.52	1.86	11.85	0.21	1985	90	0.14	1285	19.05	5.13	32.4	10.0	9	0.08	16.4
Q011157		0.21	0.09	0.97	3.82	27.8	2480	1.08	3.08	22.0	0.37	52.8	4.9	20	0.77	12.9
Q011158		0.76	0.04	5.13	4.22	87.0	>10000	0.75	7.66	12.95	2.82	61.2	17.0	136	1.43	60.0
Q013951		0.68	0.09	1.28	0.05	212	80	0.15	8.58	24.3	1.67	2.66	1.4	2	0.10	3.2
Q013952		0.12	0.39	8.73	0.04	1180	40	0.18	66.8	18.05	9.75	40.0	10.3	9	<0.05	7.4
Q013953		0.32	4.21	9.42	0.20	3950	80	<0.05	3850	13.75	1.98	2.57	3.4	6	0.05	48.8
Q011239		0.27	0.15	0.83	8.69	60.9	6790	3.82	27.4	11.40	0.39	90.6	4.0	36	1.98	11.5
Q011240		0.47	0.07	1.92	0.11	112.0	80	0.14	9.29	31.3	2.50	3.13	1.0	4	0.12	2.3
Q011241		1.05	0.06	0.76	0.48	60.1	320	0.27	30.6	19.70	0.96	10.75	2.2	9	0.37	8.3
Q011242		0.33	0.14	0.76	10.75	34.8	>10000	5.48	31.4	0.27	0.20	188.5	4.2	33	2.18	5.1
Q011243		0.54	0.01	0.14	0.05	3.3	40	0.12	2.55	21.3	0.35	1.46	0.3	1	<0.05	<0.2
Q011244		0.99	0.22	2.50	1.13	260	700	0.54	259	17.05	5.06	41.5	9.3	36	1.43	105.5
Q011245		0.41	0.03	0.48	0.13	17.2	70	0.13	3.64	27.6	0.69	3.11	0.5	6	0.10	1.3
Q011246		0.58	0.47	20.1	0.06	452	90	0.12	9.83	30.6	14.50	3.42	1.3	10	0.07	12.4
Q011247		0.18	0.54	5.69	0.02	242	50	0.14	31.1	32.6	5.17	2.00	0.7	10	<0.05	3.1
Q011248		0.31	0.02	0.29	0.13	9.6	80	0.18	4.34	20.5	0.35	3.92	0.4	5	0.06	3.1
Q011249		0.50	0.01	0.12	0.02	2.7	20	0.21	0.87	21.2	0.17	1.38	0.3	1	0.07	1.2
Q011250		0.36	0.07	1.32	0.92	48.2	60	0.35	4.82	28.7	1.85	68.4	1.5	44	<0.05	5.9
Q011251		0.39	0.10	1.15	1.23	82.0	780	0.83	108.0	18.75	1.20	19.60	2.5	17	1.22	25.2
Q011252		0.58	0.01	0.14	0.26	5.0	170	0.46	1.03	21.0	0.41	4.32	0.3	3	0.24	1.6
Q011253		0.21	0.02	0.43	6.20	226	7700	1.13	1.11	0.52	2.65	126.0	149.0	224	2.16	261

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

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

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

Finalized Date: 19-AUG-2014
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH14120283

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q011154		4.05	35.6	0.17	14.1	0.03	0.037	6.10	48.8	24.5	0.62	72	1.84	0.10	136.0	23.4
Q011155		12.50	33.0	0.26	10.3	0.23	0.051	5.43	95.8	25.8	0.77	260	3.91	0.09	43.0	55.9
Q011156		22.8	1.50	0.08	0.3	0.09	0.023	0.06	17.9	1.0	0.29	437	2.01	0.01	0.8	49.5
Q011157		3.01	10.15	0.14	3.5	0.02	0.016	1.83	27.8	7.1	2.98	146	1.01	0.03	37.1	17.7
Q011158		3.02	8.95	0.18	3.6	0.35	0.216	1.75	34.2	8.9	7.99	293	3.06	0.06	19.2	84.4
Q013951		8.00	0.19	0.06	<0.1	0.03	0.012	0.02	1.5	1.2	6.11	439	0.95	0.01	0.1	10.6
Q013952		27.8	0.52	0.08	<0.1	0.06	0.031	0.01	23.7	0.5	0.24	596	1.83	<0.01	0.1	79.0
Q013953		27.3	1.30	0.08	0.4	0.08	0.012	0.03	1.5	0.8	0.25	547	2.14	0.02	0.5	21.7
Q011239		3.07	21.0	0.18	8.6	0.03	0.015	4.33	49.5	21.2	3.14	274	2.66	0.08	68.2	19.8
Q011240		2.32	0.37	<0.05	0.1	0.03	0.010	0.04	1.9	1.0	3.49	281	0.28	<0.01	0.5	6.6
Q011241		1.54	1.54	<0.05	0.4	0.02	0.031	0.19	5.9	3.6	11.30	452	0.55	0.02	3.2	10.5
Q011242		1.52	41.9	0.24	13.1	0.03	0.021	6.52	96.2	46.1	0.80	25	0.90	0.13	190.0	12.9
Q011243		0.11	0.23	0.51	<0.1	<0.01	<0.005	0.02	0.8	3.1	13.45	178	0.05	0.01	0.4	0.6
Q011244		5.71	3.60	0.09	0.5	0.10	0.163	0.41	24.7	6.7	8.03	1260	1.74	0.03	4.9	46.0
Q011245		0.48	0.79	0.17	0.1	0.02	0.007	0.03	1.6	2.1	7.76	216	0.10	0.01	0.9	3.9
Q011246		7.45	0.34	0.06	<0.1	0.23	0.054	0.02	1.9	0.5	1.62	310	0.85	<0.01	0.2	19.8
Q011247		4.10	0.10	<0.05	<0.1	0.07	0.013	<0.01	1.0	0.4	1.90	205	0.33	<0.01	<0.1	6.6
Q011248		0.20	0.48	0.20	0.1	0.01	0.006	0.05	2.3	1.7	12.90	204	0.11	0.02	0.4	1.7
Q011249		0.09	0.15	0.42	<0.1	<0.01	<0.005	0.01	0.7	1.6	13.45	188	<0.05	0.01	<0.1	0.7
Q011250		1.21	6.47	0.21	0.5	0.07	<0.005	0.02	30.3	1.4	4.03	297	0.73	0.10	2.2	16.5
Q011251		1.59	3.39	0.13	0.7	0.05	0.040	0.56	11.3	4.7	11.40	396	4.03	0.04	3.5	14.4
Q011252		0.16	0.90	0.36	0.2	0.01	<0.005	0.13	2.7	1.8	12.55	132	0.27	0.01	0.8	2.1
Q011253		25.2	17.65	0.23	4.5	0.14	0.086	3.01	66.6	15.6	0.69	304	15.95	0.08	10.4	631

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

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

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

Finalized Date: 19-AUG-2014
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH14120283

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q011154		520	40.9	119.5	<0.002	0.04	4.28	6.4	2	8.6	10.8	8.92	0.05	21.3	0.503	2.62
Q011155		1510	197.5	138.5	<0.002	0.03	11.00	8.0	4	7.3	11.8	2.60	<0.05	31.2	0.206	2.08
Q011156		980	1010	2.0	<0.002	0.05	51.6	0.4	3	0.7	6.4	0.05	0.58	0.8	0.011	0.18
Q011157		550	25.1	54.0	<0.002	<0.01	3.69	3.7	1	1.6	21.9	1.98	<0.05	7.3	0.198	0.70
Q011158		2660	639	37.4	<0.002	0.01	13.15	13.9	2	1.2	57.7	1.21	0.06	3.8	0.552	1.14
Q013951		160	47.6	0.7	<0.002	<0.01	1.06	0.3	1	<0.2	25.6	<0.05	<0.05	<0.2	<0.005	0.09
Q013952		720	151.0	0.2	<0.002	0.05	8.98	0.6	3	0.2	4.3	<0.05	0.09	0.7	<0.005	0.18
Q013953		860	719	1.1	<0.002	0.08	155.0	0.3	11	0.8	5.4	<0.05	2.51	<0.2	0.009	0.08
Q011239		1620	99.6	133.5	<0.002	0.02	4.32	4.0	2	6.4	27.0	4.16	0.07	20.0	0.276	1.61
Q011240		260	51.0	1.3	<0.002	<0.01	1.27	0.3	<1	0.2	17.0	<0.05	<0.05	0.2	0.008	0.08
Q011241		410	236	5.9	<0.002	<0.01	3.32	0.9	<1	0.7	53.1	0.18	<0.05	0.9	0.034	0.24
Q011242		280	133.5	168.0	<0.002	0.01	3.37	7.0	1	11.4	10.5	12.35	0.09	24.5	0.671	2.49
Q011243		10	18.0	0.5	<0.002	<0.01	0.34	0.1	<1	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	0.02
Q011244		1330	1625	12.4	<0.002	<0.01	29.2	3.1	1	15.4	43.1	0.30	0.11	1.6	0.107	1.01
Q011245		460	62.2	1.0	<0.002	<0.01	4.26	0.3	<1	0.3	38.6	0.06	<0.05	0.4	0.013	0.04
Q011246		360	1650	0.7	<0.002	<0.01	21.5	0.4	6	0.7	11.3	<0.05	<0.05	<0.2	<0.005	0.17
Q011247		290	760	0.2	<0.002	<0.01	43.3	0.1	1	0.2	13.5	<0.05	<0.05	<0.2	<0.005	0.08
Q011248		440	47.0	1.6	<0.002	<0.01	1.48	0.3	<1	0.3	67.5	<0.05	<0.05	0.3	0.010	0.04
Q011249		30	14.8	0.3	<0.002	<0.01	0.73	0.1	<1	<0.2	55.7	<0.05	<0.05	<0.2	<0.005	<0.02
Q011250		>10000	430	0.7	<0.002	<0.01	9.96	1.7	1	0.9	75.4	<0.05	0.07	5.6	0.050	0.12
Q011251		3140	417	18.8	<0.002	<0.01	9.14	1.9	1	3.4	70.4	0.23	0.05	2.4	0.074	0.42
Q011252		7120	29.2	4.2	<0.002	<0.01	1.66	0.5	<1	0.3	88.6	0.05	<0.05	0.6	0.014	0.06
Q011253		5400	50.5	60.6	<0.002	0.43	10.80	15.8	16	1.2	66.8	0.94	0.23	10.9	0.199	3.07

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

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

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

Finalized Date: 19-AUG-2014
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH14120283

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
Q011154		10.4	62	10.6	21.4	121	492	
Q011155		9.2	53	18.4	48.4	637	397	
Q011156		8.2	29	18.5	3.6	257	10.9	
Q011157		2.6	28	4.0	18.8	127	145.5	
Q011158		10.6	162	3.7	14.8	1500	137.5	1.02
Q013951		1.0	9	1.4	2.0	191	1.1	
Q013952		9.5	29	18.1	5.6	778	0.7	
Q013953		4.6	12	11.5	1.6	197	15.3	
Q011239		21.4	72	8.4	20.3	412	319	
Q011240		1.2	7	2.8	2.2	152	2.3	
Q011241		1.7	19	8.4	2.9	223	13.6	
Q011242		8.3	57	10.9	24.5	345	442	1.21
Q011243		0.7	3	0.3	0.5	36	1.5	
Q011244		3.5	48	37.2	7.7	1580	18.9	
Q011245		3.1	11	3.9	1.5	140	5.4	
Q011246		0.8	19	7.9	2.6	3810	1.6	
Q011247		0.4	12	4.4	1.3	921	<0.5	
Q011248		4.2	9	0.7	1.4	102	2.7	
Q011249		0.5	6	0.3	0.8	34	<0.5	
Q011250		53.0	58	5.5	28.8	893	30.8	
Q011251		14.9	53	8.2	4.1	534	23.8	
Q011252		44.6	23	0.5	3.9	121	7.1	
Q011253		11.1	200	2.2	29.1	234	174.0	

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

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

Finalized Date: 19-AUG-2014
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH14120283

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	SPL-21
WEI-21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA26	Ba-XRF10	Hg-CV41	ME-MS61
ME-XRF10	OA-GRA06	PUL-31	PUL-QC

ALS Canada Ltd.

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

Finalized Date: 26-AUG-2014
Account: RCM

CERTIFICATE WH14123922

Project: NADALEEN

P.O. No.: R14-016

This report is for 19 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 26-AUG-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123922

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q013954		1.09	0.02	0.60	10.10	1730	260	2.24	0.34	0.17	1.98	118.5	12.5	81	35.9	18.8
Q013955		0.50	0.10	0.09	10.20	1180	260	2.18	0.41	0.14	0.05	104.5	6.7	79	35.5	18.5
Q013956		0.94	0.10	0.13	10.25	1470	290	2.99	0.42	0.21	0.17	90.0	23.9	80	101.5	67.0
Q013957		0.48	0.03	0.12	10.25	1055	270	2.57	0.34	0.14	0.12	68.1	6.2	82	33.9	31.7
Q013958		0.59	0.02	0.12	6.63	807	170	1.64	0.28	0.14	0.07	66.0	9.3	79	22.8	62.6
Q013959		0.47	0.01	0.09	10.35	349	270	2.40	0.29	0.12	<0.02	66.8	3.8	80	37.7	11.9
Q013960		0.47	0.04	0.08	9.73	340	280	1.99	0.40	0.13	0.02	93.8	8.3	78	38.6	27.3
Q013961		0.65	0.90	0.11	8.99	3910	290	3.37	0.49	0.28	0.61	90.2	35.0	78	45.9	93.3
Q013962		0.50	0.06	0.07	4.54	1025	150	2.14	0.16	0.12	0.36	46.9	32.5	59	13.50	51.9
Q013963		0.53	0.03	0.08	8.76	396	250	1.90	0.32	0.13	0.06	92.5	10.8	74	29.5	21.9
Q013964		1.36	0.09	0.08	6.60	619	220	2.20	0.25	10.10	0.19	73.9	18.8	54	24.3	35.2
Q013965		0.62	7.03	0.07	5.50	>10000	310	0.79	0.24	0.12	0.04	73.7	0.9	55	7.24	34.4
Q013966		1.25	1.40	0.07	8.02	4700	230	1.44	0.34	0.27	0.04	79.4	9.1	91	27.6	89.9
Q013967		0.58	0.49	0.07	10.30	878	330	3.30	0.44	0.13	0.33	102.0	25.0	75	36.2	84.9
Q013968		0.23	0.03	0.04	2.27	78.2	600	1.54	0.07	0.19	0.24	21.0	7.7	24	8.95	22.5
Q013969		0.38	0.05	0.07	10.30	757	340	2.10	0.37	0.10	0.07	101.5	5.4	79	24.6	34.7
Q013970		0.47	1.00	0.07	10.80	1925	400	2.13	0.39	0.12	0.15	129.0	15.2	77	31.2	80.7
Q013971		0.49	0.53	0.13	10.85	1580	390	2.15	0.43	0.12	0.12	97.7	11.5	86	28.9	77.6
Q013972		0.25	0.18	0.05	10.35	1610	320	2.28	0.34	0.12	0.09	113.0	2.7	82	31.4	17.4

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123922

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013954		3.48	28.6	0.19	3.9	4.08	0.074	4.60	57.1	21.6	0.62	162	3.52	0.04	14.7	38.0
Q013955		2.82	30.6	0.17	3.7	3.16	0.066	4.95	49.0	13.8	0.69	108	1.31	0.04	15.3	18.3
Q013956		4.95	28.9	0.14	3.7	3.47	0.088	4.13	40.8	41.5	0.59	766	1.59	0.04	15.2	49.6
Q013957		2.94	31.0	0.13	3.7	2.99	0.083	4.92	28.4	19.8	0.61	137	2.39	0.05	15.1	15.8
Q013958		6.17	17.20	0.10	3.2	4.62	0.067	2.83	32.8	19.9	0.40	124	3.64	0.03	10.4	20.5
Q013959		1.69	31.3	0.13	4.0	2.41	0.074	5.07	27.4	16.3	0.60	56	2.94	0.05	16.0	12.6
Q013960		4.36	25.7	0.12	3.5	1.44	0.064	4.38	46.4	16.7	0.52	132	0.95	0.06	13.3	23.5
Q013961		6.30	23.8	0.12	3.4	7.01	0.094	3.74	43.2	40.2	0.58	2090	2.32	0.04	14.4	100.5
Q013962		5.36	10.90	0.07	2.2	3.14	0.047	1.90	22.9	18.2	0.28	1720	1.01	0.02	6.7	47.0
Q013963		3.75	22.2	0.11	3.3	1.45	0.061	3.89	49.1	18.2	0.49	212	0.99	0.05	12.2	24.9
Q013964		4.37	16.40	0.09	2.6	0.90	0.064	2.89	38.5	15.3	0.43	1150	0.55	0.05	10.4	37.5
Q013965		2.74	14.25	0.09	3.0	16.8	0.029	2.73	36.1	14.7	0.29	44	0.88	0.03	12.3	3.1
Q013966		7.14	20.8	0.09	3.9	6.63	0.079	3.69	38.9	19.6	0.49	369	0.62	0.03	14.6	16.9
Q013967		3.99	29.8	0.13	3.7	4.85	0.073	4.87	48.2	10.8	0.68	699	1.11	0.04	15.4	67.6
Q013968		5.03	5.65	0.07	0.7	0.36	0.020	0.89	10.8	37.4	0.19	11450	0.65	0.02	2.1	34.3
Q013969		3.89	28.7	0.13	3.5	1.57	0.061	4.92	48.2	10.2	0.63	134	1.60	0.04	14.9	15.4
Q013970		6.23	29.5	0.17	3.7	11.00	0.068	4.94	66.3	11.6	0.67	468	1.82	0.04	15.5	23.1
Q013971		7.38	30.4	0.15	3.6	7.74	0.073	5.13	45.6	11.1	0.69	322	1.40	0.05	15.1	26.4
Q013972		2.33	29.9	0.15	3.3	7.10	0.053	4.91	53.9	10.2	0.65	96	0.46	0.05	14.4	13.6

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123922

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q013954		400	110.5	187.0	0.005	0.05	6.62	16.7	1	3.1	114.5	1.05	<0.05	21.5	0.438	7.21
Q013955		400	22.9	193.0	<0.002	0.11	6.76	16.9	1	3.0	139.0	1.08	0.06	20.1	0.424	8.55
Q013956		600	26.4	176.5	<0.002	0.12	10.65	18.4	2	3.0	171.5	1.09	0.06	18.2	0.436	9.48
Q013957		440	25.8	177.0	<0.002	0.08	3.73	18.3	2	3.2	141.0	1.07	0.05	16.1	0.416	7.07
Q013958		450	40.0	119.5	0.003	0.04	4.03	16.0	1	2.1	74.9	0.71	0.07	10.7	0.488	4.55
Q013959		300	16.7	184.5	0.005	0.05	1.76	13.0	1	3.6	100.5	1.15	<0.05	15.2	0.416	8.54
Q013960		640	25.0	180.5	0.002	0.04	1.57	16.1	1	2.7	107.0	0.97	0.08	16.9	0.431	4.33
Q013961		790	29.4	158.0	<0.002	0.17	21.8	22.2	2	2.7	154.5	0.97	0.16	16.0	0.455	25.6
Q013962		420	19.6	78.0	<0.002	0.04	3.87	14.9	2	1.3	47.7	0.48	<0.05	7.2	0.378	5.64
Q013963		760	25.4	164.5	0.002	0.08	1.44	15.2	1	2.4	109.5	0.86	0.09	15.4	0.408	4.71
Q013964		760	21.9	127.0	<0.002	0.06	1.70	13.6	2	1.9	293	0.70	0.05	12.7	0.315	4.54
Q013965		490	37.0	119.0	<0.002	0.66	59.9	8.5	1	1.7	93.0	0.83	0.34	10.0	0.469	88.1
Q013966		800	13.8	180.0	<0.002	0.08	59.7	18.7	1	2.5	65.9	0.94	0.08	14.3	0.626	37.2
Q013967		570	17.5	192.0	<0.002	0.15	10.85	20.5	2	2.9	113.5	1.07	<0.05	19.5	0.417	14.05
Q013968		440	6.9	44.7	<0.002	0.01	0.88	7.5	1	0.6	21.3	0.15	<0.05	2.9	0.082	1.53
Q013969		500	15.5	184.0	<0.002	0.03	4.21	18.0	1	2.9	108.0	1.04	0.05	18.9	0.420	6.96
Q013970		660	21.0	198.5	<0.002	0.73	27.0	20.7	1	2.6	131.0	1.07	0.07	21.9	0.422	15.35
Q013971		630	18.1	186.5	<0.002	0.94	18.40	19.2	1	2.8	121.5	1.08	0.05	19.0	0.437	9.02
Q013972		340	12.6	192.5	<0.002	0.08	7.39	17.6	1	2.6	131.5	1.01	0.05	20.1	0.407	13.15

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123922

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
Q013954		5.3	175	6.3	23.0	172	133.0	
Q013955		3.1	149	5.2	22.4	39	131.0	
Q013956		3.7	142	6.3	22.4	89	129.0	
Q013957		4.4	185	5.2	16.5	55	129.5	
Q013958		3.5	161	4.4	21.6	95	113.0	
Q013959		4.5	195	4.6	18.1	33	139.5	
Q013960		3.2	111	3.2	18.6	88	121.5	
Q013961		3.5	137	6.0	31.4	157	123.0	
Q013962		1.8	111	2.8	24.4	103	82.1	
Q013963		2.9	113	2.4	19.8	104	118.0	
Q013964		3.8	85	1.3	23.8	109	94.8	
Q013965		2.3	92	8.3	15.8	9	112.5	1.105
Q013966		2.6	166	7.8	22.0	74	147.0	
Q013967		3.7	109	7.0	26.5	93	130.5	
Q013968		0.7	37	0.8	25.8	51	28.5	
Q013969		3.4	137	6.1	24.0	63	125.5	
Q013970		3.3	107	7.5	23.2	93	130.0	
Q013971		2.7	111	7.4	19.9	102	126.0	
Q013972		2.2	131	7.3	23.7	50	119.5	

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Finalized Date: 26-AUG-2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123922

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA26	Hg-CV41	ME-MS61
ME-OG62			

APPENDIX VI

TRENCH LOGS AND SAMPLE DESCRIPTIONS

RACKLA GOLD

Trench Name:	AnEx-14-001	**Section:**	
Trench Type:	Exploration	**Easting:** *at origin*	619005
Equipment:	Kubota kx080-3	**Northing:** *at origin*	7113461
Contractor:	15317 Yukon Inc.	**Elevation:** *at origin*	1429
Zone:	Hydra	**Azimuth:** *from origin*	38
Start Date:	June 8 2014	**Length:** *from origin*	170.5 metres
End Date:		**Average Depth:**	2.5-3 metres
Mapped By:	R Phillips	**Mapping side / direction**	W
Sampled By:	L Flavelle	**Sampling side / direction**	W
Target:	Trench along projected trace of drill hole as well possibly ir		
Rationale for limits of trench:	Testing the borad pathfinder geochemical anomaly.		
Comments:			
Reclamation Status:	The trench was infilled on on Aug 28th		

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	4.6			LST	LST	Mg	Md	Gy	Ma	5	Oxi	1			Competent grey fossiliferous limestoned. Unaltered except for slight oxidation on some surfaces. Not into solid bedrock but likely right above bedrock as it is blocky and fit together (no bedding orientations obtainable). Overburden above is brown polymic and then black/brown till. Coarse calcite within LST	
4.6	7			OVB	OVB	Fg	Dk	Bn	Cy	2	Clay?	4			Dark brown clay. Likely just overburden. Frozen and can't penetrate with machine and is sloughed over. Has clasts of LST and ARG within.	
7	9			LST	LST	CG	Lt	Wh	Sand	5	Sand	5			Light white sanded limestone. Has oxidized sections. Chunks of calcite within	
9	11.2			LST	LST	Cg	Md	Br	Sand	5	Sand	5			Oxidized, sanded limestone	
11.2	13.7			LST	LST	Cg	Lt	Wh	Sand	5	Sand	5			Light white sanded limestone. Has oxidized sections. Chunks of calcite within	
13.7	33.7			LST	LST	Mg	Md	Gr	Bd	5	Oxi	2			Variable oxidized/rusty limestone. Bedding ranged from mm to massive and blocky. Crystalline limestone with calcite flooding throughout.	
33.7	43.9			LST	LST	Mg	Lt	Bn	Sand	4	Oxi	4			More heavily oxidized/sanded LST	
43.9	49.6			LST	LST	Fg	Dk	Gy	Bd	4					Dark grey fine grained LST. Competent, with minor calcite veinlets throughout. Bedding appears 070/090S but bedding measurement is questionable	
49.6	50.3			LST	LST	Fg	Md	Bn	Cy	2	Clay?	3			Brown limey clay/gouge. Possible structure as change is rapid. Trending 340 (no dip available)	
50.3	61.3			LST	LST	Fg	Dk	Gy	Bd	4					Dark grey fine grained bedded limestone. Bedding 240/35NW.	
61.3	68.1			LST	LST	Fg	Md	Bn	Rb	3	Oxi	3			Same limestone as previous interval but more heavily oxidized with sanded sections	
68.1	90.1			LST	LST	Fg	Dk	Gy	Bd	4	Oxi	2			Dark grey bedded limestone. Oxidized on surface. Bedding modtly mm to cm scale but occiasionally has massive beds. Sections of Lst are silicified (?) or recrystallized, very competent. At 78m a possible fold axis is present. More finely bedded from 84.1-90.1	
90.1	96.4			LST	LST	Fg	Lt	Bn	Clay	4	Oxi	4			Rusty/Light brown LST. Essentially all clay/dirt, except for initial 2m with is competent	
96.4	127.6			LST	LST	Mg	Md	Gy	Bd	4					Cometent grey/dark grey crystalline limestone. Very Hard (siliceous). Massively bedded. Frost level dropping so in-situ rocks not always available.	
127.6	141.4			LST	LST	Mg	Lt	Bn	Rb	5	Oxi	5			Alteration zone of sanded LST. Variable oxidized but ranges from a "3" to a "5". Higher oxidation/rusty coloured areas have high As and Au is detected on XRF. Contact from previous LST may be faulted as change is very rapid. If so, Orientation is 300/070NE.	
141.4	152.9			LST	LST	Mg	Md	Gy	Bd	4	Oxi	1			Blocky to finely bedded crystalline LST with minor calcite veining	
152.9	153.9			LST	LST	Cg	Lt	Wh		5					1 metre wide massive calcite veining/flooding in LST	
153.9	155.5			LST	LST	Mg	Md	Bn	Rb	4	Oxi	3			Brown alteration zone of oxidized sanded LST. Chunks of brown crystalline LST within alteration	
155.5	170.5			LST	LST	Mg	Mg	Gy	Bd	5	Oxi	1				

GEOLOGY LOG

TRENCH:_____

STRUCTURE LOG

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		
BD	21		0.3		330	47	NE					
BD	78				355	80	NE					
BD	78.5				80	82	SE					
BD	87				180	84	W					

Trench:

Sample Number	TYPE	HORIZONTAL POSITION			VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	Interval	From (m)	To (m)			
Q017001	Chip	0.00	4.60	4.60	0.3		Wall	T14-001	
Q017002	Chip	4.60	7.00	2.40	0.3		Wall	T14-001	
Q017003	Chip	7.00	9.00	2.00	0.3		Wall	T14-001	
Q017004	Chip	9.00	11.20	2.20	0.3		Wall	T14-001	
Q017005	Chip	11.20	13.70	2.50	0.3		Wall	T14-001	
Q017006	Chip	13.70	18.70	5.00	0.3		Wall	T14-001	
Q017008	Chip	18.70	23.70	5.00	0.3		Wall	T14-001	
Q017009	Chip	23.70	28.70	5.00	0.3		Wall	T14-001	
Q017010	Chip	28.70	33.70	5.00	0.3		Wall	T14-001	
Q017011	Grab	25.20	25.20	0.00	0.6		Wall	T14-001	Grab of oxidized/rusty brown material overlying limestone
Q017012	Chip	33.70	38.70	5.00	0.3		Wall	T14-001	
Q017013	Chip	38.70	43.90	5.20	0.3		Wall	T14-001	
Q017014	Chip	43.90	49.60	5.70	0.3		Wall	T14-001	
Q017015	Chip	49.60	50.30	0.70	0.3		Wall	T14-001	
Q017016	Chip	50.30	55.30	5.00	0.3		Wall	T14-001	
Q017017	Chip	55.30	61.30	6.00	0.3		Wall	T14-002	
Q017018	Chip	61.30	64.30	3.00	0.3		Wall	T14-002	
Q017019	Chip	64.30	68.10	3.80	0.3		Wall	T14-002	
Q017020	Chip	68.10	73.10	5.00	0.3		Wall	T14-002	
Q017021	Chip	73.10	78.10	5.00	0.3		Wall	T14-002	
Q017022	Chip	78.10	84.10	6.00	0.3		Wall	T14-002	
Q017023	Chip	84.10	90.10	6.00	0.3		Wall	T14-002	
Q017024	Chip	90.10	92.30	2.20	0.3		Wall	T14-002	
Q017025	Chip	92.30	96.40	4.10	0.3		Wall	T14-002	
Q017026	Chip	96.40	101.40	5.00	0.3		Wall	T14-002	
Q017027	Chip	101.40	106.40	5.00	0.3		Wall	T14-002	
Q017028	Chip	106.40	111.40	5.00	0.3		Wall	T14-002	
Q017029	Chip	111.40	116.40	5.00	0.3		Wall	T14-002	

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnEx-14-002	**Section:**	
Trench Type:	EXPLORATION / RESOURCE	**Easting:** at *origin*	619040
Equipment:	KX-80	**Northing:** at *origin*	7113697
Contractor:	15317 Whitehorse Inc	**Elevation:** at *origin*	
Zone:	Hydra	**Azimuth:** *from origin*	10
Start Date:	13-Jun	**Length:** *from origin*	116.5
End Date:	15-Jun	**Average Depth:**	2.5m
Mapped By:	R Phillips	**Mapping side / direction**	W
Sampled By:	R Phillips	**Sampling side / direction**	W
Target:	Testing stratigraphy in Hydra Area		
Rationale for limits of trench:	Reaches target length and lithology at the end was very fresh and unaltered		
Comments:			
Reclamation Status:			

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	4.1			LST	LST	Mg	Md	Gy	Ma	4					Competent crystalline LST. Very hard and fresh.	
4.1	9			LST	LST	Mg	Lt	Gy	Bd	4	Oxi	1			Slightly altered version of above interval, first 1m is brown/oxidized. 8-9m is fairly sanded as well	
9	13.9			LST	LST	Mg	Lt	Wh	Rb	5	Oxi	4			Heavily sanded white LST, with variable altered	
13.9	21.1			LST	LST	Mg	Md	Gy	Ma	4					Competent grey crystalline limestone.	
21.1	38.5			LST	LST	Fg	Lt	Bn	Rb	5	Oxi	3			Altered/sanded LST. Light brown to dark purple colour with pieces of competent crystalline LST within. Interbeds of black, non-calcareous (only fizzes on frxx). Limey siltstone? Silty limestone? Soft and absorbs HCl but XRF dead on it. Altn ends at 38.1 and becomes progessively more competent towards end of interval. At 37.8 there is a black, altered bed that runs high As/Hg (see grab sample)	
38.5	46.3			LST	LST	Cg	Md	Gy	Ma	5					Competent, blocky, crystalline LST. Calcite veining thoughout (5-10%).	
46.3	59.8			LST	LST	Mg	Md	Bn	Bd	4					More finely bedded (cenitmetric), fractured LST. Interbedding with limey siltstone?	
59.8	77.5			LST	LST	Mg	Md	Gy	Ma	5					Very competent, blocky crystalline grey LST.	
77.5	96.5			SLT	SLT	Fg	Md	Bk	Bd	2					Fractured limey siltstone (silty limestone?). Thinly bedding and only fizzes on fractures.	
96.5	116.5			LST	LST	Cg	Md	Gy	Ma	5					Massive, competent coarse grained grey crystalline LST. Fairly fresh. Grey soil development above bedrock. Very siliceous	

GEOLOGY LOG

STRUCTURE LOG

TRENCH:______________________________________

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		
BD	2		1		100	56	S					
BD	7		1		170	68	W					
BD	15		1		200	70	NW					
BD	42		1		310	90	NE					
BD	48		1		300	90	NE					
BD	65		1		250	90	NW					
BD	80		1		240	80	N					

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch
		From (m)	To (m)	From (m)	To (m)		
Q017046	Chip	0	4.1			Wall	T14-003
Q017047	Chip	4.1	9			Wall	T14-003
Q017048	Chip	9	13.9			Wall	T14-003
Q017049	Chip	13.9	21.1			Wall	T14-003
Q017050	Chip	21.1	26.1			Wall	T14-003
Q017051	Chip	26.1	31.1			Wall	T14-003
Q017052	Chip	31.1	35.1			Wall	T14-003
Q017053	Chip	35.1	38.5			Wall	T14-003
Q017054	Grab	37.8				Wall	T14-003
Q017055	Chip	38.5	42.5			Wall	T14-003
Q017056	Chip	42.5	46.3			Wall	T14-003
Q017057	Chip	46.3	51.3			Wall	T14-003
Q017058	Chip	51.3	55			Wall	T14-003
Q017059	Chip	55	59.8			Wall	T14-003
Q017060	Chip	59.8	64.8			Wall	T14-003
Q017061	Chip	64.8	71.5			Wall	T14-003
Q017062	Chip	71.5	77.5			Wall	T14-003
Q017063	Chip	77.5	82.5			Wall	T14-003
Q017064	Chip	82.5	87.5			Wall	T14-003
Q017065	Chip	87.5	92			Wall	T14-003
Q017066	Chip	92	96.5			Wall	T14-003
Q017067	Chip	96.5	101.5			Wall	T14-003
Q017068	Chip	101.5	106.5			Wall	T14-003
Q017069	Chip	106.5	111.5			Wall	T14-003
Q017070	Chip	111.5	116.5			Wall	T14-003

SAMPLE LOG

SAMPLE DESCRIPTION
Grab of black altered bed with, non-calcareous. Runs As/Hg on XRF

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-003	**Section:**	
Trench Type:	Exploration	**Easting: at *origin***	619305
Equipment:	Kx-80	**Northing: at *origin***	7113277
Contractor:	15317 Whitehorse Inc	**Elevation: at *origin***	
Zone:	Hydra/Corona	**Azimuth: *from origin***	220
Start Date:	June 17th	**Length: *from origin***	15.5 metres
End Date:	June 18th	**Average Depth:**	3m
Mapped By:	R Phillips	**Mapping side / direction**	W
Sampled By:	R Phillips	**Sampling side / direction**	W

Target: Northern fault alteration zone/realgar at surface

Rationale for limits of trench: Trench is sloughing in and filling with water and no longer safe to work on.

Comments:

Reclamation Status: Reclaimed

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	5.5			LST	LST	Mg	Lt	Gy	Ma	5					Medium grained grey LST with calcite stringers (20%). Appears fairly unaltered. Massively bedded	
5.5	15.5			FLT	FLT	Fg	Md	Bn	Go	3	Oxi	5			Brown/black Jasperoid, oxidized fault rock? OVB above is frozen has a mixture of lithic fragments. XRF running high As/Hg thoughout altered rock and OVB.. Au appears when analyzing some clasts as well. At 15.5 m the trench is sloughing in can massaive amounts of surface runoff and water saturated OVB makes continuing the trench impossible. It appears based of OVB that contact back into LST is not much further South, however may just be LST clasts in cover.	

GEOLOGY LOG

STRUCTURE LOG

TRENCH:____

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		
											No structural information available.	

Trench: **AnTr-14-003**

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017071	Chip	0	5.5	3		Wall	T14-004	LST
Q017072	Chip	5.5	8	3		Wall	T14-004	Mixture of jasperoid altered rock and frozen OVB
Q017073	Chip	7	15.5	0		Waste pile	T14-004	OVB from 7-15.5 composite
Q017074	Grab	8		0		Waste pile	T14-004	Purple/black altered rock
Q017075	Grab	8		0		Waste pile	T14-004	Purple/black altered rock
Q017076	Grab	10		0		Waste pile	T14-004	Limonitic rock
Q017077	Grab	10		0		Waste pile	T14-004	Black sooty rock from wall
Q017907	Grab	12		0.1		Floor	T14-005	Grey clay gouge from near bottom of trench
Q017908	Chip	8.5	15.5	0		Waste pile	T14-005	Attempted chip/composite takes from waste pile from 8.5-15.5
Q017909	Grab	15.5				Waste pile	T14-005	LST from OVB near end of trench

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-004	**Section:**	
Trench Type:		**Easting: at *origin***	619329
Equipment:	KX-80	**Northing: at *origin***	7113173
Contractor:	15317 Whitehorse Ltd	**Elevation: at *origin***	
Zone:	Corona	**Azimuth: *from origin***	240
Start Date:	19-Jun	**Length: *from origin***	90 metres
End Date:		**Average Depth:**	3 metres
Mapped By:	R Phillips	**Mapping side / direction**	W
Sampled By:	R Phillips	**Sampling side / direction**	W

Target: Alteration zone of Northern Fault

Rationale for limits of trench: Trenched into the hanging wall stratigraphy (Black shale)

Comments: Alteration zone is fairly thick and shows promising results from XRF. However previous samples of same material had high As/Hg values but no gold

Reclamation Status: Top half of trench is reclaimed (up to alteration zone)

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	27			LST	LST	Fg	Md	Gy	Bd	5						
27	57			OVB	OVB	Mg	Md	Bn	Rb	3					Frozen, polymictic brown overburden. Intially thought to be part of alteration zone but actually just thick, frozen OVB. Penetrated down to underlying limestone at 35 metres but approx 4 metres too, too deep to continue trench at that depth. Towards end of interval (52-57m), it transitions to limestone subcrop, but appears to just be larger boulders from upslope.	
57	81.5			FLT	FLT	Fg	Md	Bn	Go	1	Oxi	5			Alteration zone. Rapid change from LST boulder zone to brown altered material. Excavator can dig to bottomless level. Frozen to aprrox 2 metre depth. High As/Hg/Zn in all material. Occasionally heavily altered rocks (brown/purple coloured) within material. Sections of more red/brown material that has higher Fe and As content. Same material as AnTr-14-003	
81.5	90			Shl	Shl	Fg	Dk	Bk	Rb	1					Black shale. Very rubbly and frozen. Contact from alteration unknown as it is hard to tell if anything is in place. Excavator can dig into rock about 3.5 metres, hard material to penetrate through.	

GEOLOGY LOG

STRUCTURE LOG

TRENCH:____

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		
Bd	5				120	78	S					
Bd	10				122	80	S					
Bd	15				120	78	S					
Bd	20				120	80	S					

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017078	Chip	0	5			Wall	T14-005	LST
Q017079	Chip	5	10			Wall	T14-005	LST
Q017080	Chip	10	15			Wall	T14-005	LST
Q017081	Chip	15	21			Wall	T14-005	LST
Q017082	Chip	21	27			Wall	T14-005	LST
Q017083	Chip	27	32			Wall	T14-005	OVB
Q017084	Chip	32	37			Wall	T14-005	OVB
Q017085	Chip	37	42			Wall	T14-005	OVB
Q017086	Chip	42	47			Wall	T14-005	OVB
Q017087	Chip	47	52			Wall	T14-005	OVB
Q017088	Chip	52	57			Wall	T14-005	OVB
Q017089	Chip	57	62			Wall		Alteration zone
Q017090	Chip	62	67			Wall		Alteration zone
Q017091	Grab	69				Wall		Grab of brown/purple altered rock
Q017092	Grab	69.5				Wall		Grab of red/brown material
Q017093	Grab	70				Wall		Grab of black altered material
Q017094	Grab	70.5				Wall		Grab of brown/purple rock with galena
Q017095	Chip	67	72			Wall		Alteration zone
Q017096	Chip	72	77			Wall		Alteration zone
Q017097	Chip	77	81.5			Wall		More shallow sample of alteration zone
Q017098	Chip	81.5	85			Wall		Shale
Q017099	Chip	85	90			Wall		Shale

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-004	**Section:**	
Trench Type:	Exploration	**Easting: at *origin***	619404
Equipment:	KX-80	**Northing: at *origin***	7113156
Contractor:	15317 Whitehorse Ltd	**Elevation: at *origin***	
Zone:	Corona	**Azimuth: *from origin***	230
Start Date:	19-Jun	**Length: *from origin***	40.5
End Date:		**Average Depth:**	3m
Mapped By:	R Phillips	**Mapping side / direction**	W
Sampled By:	R Phillips	**Sampling side / direction**	W

Target: Alteration zone of Northern Fault

Rationale for limits of trench: Entered hanging wall straitgraphy (Black siltstone)

Comments:

Reclamation Status:

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	4.5			LST	LST	Fg	Md	Bn	Go	2	Oxi	5			Trench begins in alteration zone of northern fault. Some beige/brown gougey material with cobbles of massive crystalline LST. Sections of very dark red material (hematite) from 3.5-4.5. Massive LST OVB above altered material	
4.5	14.5			LST	LST	Fg	md	Bn	Rb	5	Oxi	3			Fractured brown fine grained altered LST. Not as heavily altered as previous material	
14.5	35.5			LST	LST	Fg	Md	bn	Go	3	Oxi	4			More heavily altered LST, colour is more uniform brown (no hemitite sections)	
35	40.5			SLT	SLT	Fg	Dk	Bk	Rb	0					Black shale, very rubbly. Hard to say if in place or OVB as material is completely frozen and machine is maxed out.	

GEOLOGY LOG

STRUCTURE LOG

TRENCH:____

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017100	Chip	0	4.5					
Q017101	Grab	3						Grab of dark red clay/cobbley material
Q017102	Grab	3.5						Grab of black rotted material in alteration zone
Q017103	Chip	4.5	9.5					
Q017104	Chip	9.5	14.5					
Q017105	Chip	14.5	19.5					
Q017106	Chip	19.5	24.5					
Q017107	Chip	24.5	29.5					
Q017108	Chip	29.5	35.5					
Q017109	Chip	35.5	40.5					
Q017110	Grab	37						Grab of brown/orange weathering shale

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-006	**Section:**	
Trench Type:	Exploration	**Easting: at *origin***	619456
Equipment:	Kx-080	**Northing: at *origin***	7113121
Contractor:		**Elevation: at *origin***	
Zone:	Corona	**Azimuth: *from origin***	230
Start Date:	28-Jun	**Length: *from origin***	72.5
End Date:	02-Jul	**Average Depth:**	
Mapped By:	R Phillips	**Mapping side / direction**	W
Sampled By:	R Phillips	**Sampling side / direction**	W

Target: Alteration zone of northern fault

Rationale for limits of trench: Entered hanging wall stratigraphy (Black siltstone) before entering deep OVB that was too deep to penetrate

Comments:

Reclamation Status: Backfilled

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	8			LST	LST	Cg	Lt	Gy	Ma	5					Rubbly LST overburden. Coarse grained and crystalline. Minor interbeds of finer grained thinly bedded LST	
8	29			LST	LST	Fg	Md	Bn	Go	1					Start of alteration zone, brown with red sections (hematite) with cobbles of coarse grained crystalline LST overlying material. At 10 metres a purple altered rock that XRF's high As/Zn is embedded within zone	
29	42.5			LST	LST	Fg	Dk	Bk	Go	2					Black alteration zone with some sanded block fossilerfous LST. 2 metre wide section at 40m of green/white/brown sandy material (same as Corona trench that runs Au?).	
42.5	46.5			LST	LST	Fg	Md	Bn	Rb	0					Section of rubbly, purple/brown altered rock, non calcareous	
46.5	67.5			SLT	SLT	Fg	Dk	Bk	Rb	0					Dark black sooty fine grained siltstone. Uniform material.	
67.5	72.5			OVB	OVB	Cg	Md	Bn							Transition to deep OVB (over 15 ft), brown till. Can't penetrate through material.	

GEOLOGY LOG

TRENCH:_____

STRUCTURE LOG

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		
Bd	5		0		0	90						
Bd	44		0		300	60	NE					
Bd	50				300	58	NE					

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch
		From (m)	To (m)	From (m)	To (m)		
		0	2				
Q017111	Chip	2	8			Wall	T14-007
Q017112	Grab	10				Wall	T14-007
Q017113	Chip	8	13			Wall	T14-007
Q017114	Chip	13	18			Wall	T14-007
Q017115	Chip	18	23			Wall	T14-007
Q017116	Chip	23	29			Wall	T14-007
Q017117	Chip	29	34			Wall	T14-007
Q017118	Grab	40				Wall	T14-007
Q017119	Chip	34	38			Wall	T14-007
Q017120	Chip	38	42.5			Wall	T14-007
Q017121	Chip	42.5	46.5			Wall	T14-007
Q017122	Chip	46.5	51.5			Wall	T14-007
Q017123	Chip	51.5	56.5			Wall	T14-007
Q017124	Chip	56.5	61.5			Wall	T14-008
Q017125	Chip	61.5	67.5			Wall	T14-008
Q017126	Grab	40				Wall	T14-008
Q017127	Chip	67.5	72.5			Wall	T14-008
Q017128	Grab						T14-008

SAMPLE LOG

SAMPLE DESCRIPTION
Unsampled OVB
Massive LST
Grab of red/purple altered material
Grab of white/green sand
Larger grab of same material sampled before
FROM 2013 CORONA TRENCH. Sample of similar material present at 40m in trench

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-007	**Section:**	
Trench Type:		**Easting: at *origin***	618373
Equipment:	Kx-080	**Northing: at *origin***	7113310
Contractor:	15317 Yukon Inc.	**Elevation: at *origin***	
Zone:	ANA	**Azimuth: *from origin***	130
Start Date:	03-Jul	**Length: *from origin***	358m
End Date:	15-Jul	**Average Depth:**	5m
Mapped By:	R Thomas	**Mapping side / direction**	SW
Sampled By:	R Thomas	**Sampling side / direction**	SW

Target: Alteration zone of northern fault

Rationale for limits of trench: Trench entered hanging wall stratigraphy of Anubis fault, Very frozen, pit from 2013 5m from trench end, had no significant min

Comments:

Reclamation Status: backfilled

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	38.5	0	4		Shale	fine		black to dark grey		0					black to dark grey shale clay like material, with minor oxidized clasts and green oxidized horrizons.	
38.5	57	0	4		LST	fine		grey to black		4	decarb	3			Highly altered black to dark grey crystalline limestone with crackled trexture and bleached clasts or zones, orange to red to yellow oxidedized clay, most likely entered the anubis fault zone, verying degrees of alteration. Zones of partial and complete decarbonitization.	
57	72	0	4		LST	fine		black to dark grey		4	oxide	2			black crystalline limestone, brecciated texture, pervasive orange oxide within matrix, matrix is black, with bleached clasts exhibiting crackled textures, less reactive than matrix.	
72	76	0	4		LST	fine		orange to green		2	oxide	4			highly brecciated oxidized orange to green limestone. Weakly calcareous matrix, clast are unreactive bleached crackled texture limestone.	
76	101	0	4		LST	fine		dark grey to black		4					more compitent black crystalline limestone, with crackled texture and minor brecciation, with bleached clasts and minor alteration.	
101	105	0	4		LST	fine		dark grey to black		4					yellow to greenish crystalline limestone, crackled texture consisting of black calcite veinlets, minor massive white calcite, minor clay rich material near bedrock.	
105	111	0													frozen, bedrock not reached, material is oxidized crystalline limestone.	
111	135	0	4		LST	fine		dark grey to black		4	0xide	3			orange to brown oxidized limestone, minor crystalline dark grey component. Occuring with brown clay rich horizon at .2m	
135	154	0	4		LST	fine	dark grey to black			4					crystalline limestone, minorly altered, fairly happy.	

GEOLOGY LOG

154	160.5	0	5		LST	fine	dark grey to black			2	0xide	3			red to brown brecciated dolomotized limestone	
160.5	227	0	5		SHL	fine		dark grey to black		0					highly altered and sheared shale, minor silicification with some quartz present. And pervasive orange oxide.	
227	355	0	5		LST	fine	rey to dark gre			4	oxide	3			orange to yellow altered limestone, and bleached grey limestone. With minor white calcite veining and small scale black calcite veinlets resulting in crackled texture. Also with Sandy calcareous material through out.	

STRUCTURE LOG

TRENCH:_______________________________________

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017129	chip	0	5	0		wall	T14-009	Black to blue grey clay like shale with banded green oxide clay and minor oxidized shale clasts.
Q017130	chip	5	10	0		wall	T14-009	Black to blue grey clay like shale with banded green oxide clay and minor oxidized shale clasts.
Q017131	chip	10	15	0		floor	T14-009	Black to blue grey clay like shale with banded green oxide clay and minor oxidized shale clasts.
Q017132	chip	15	20	0		floor	T14-009	Black to blue grey clay like shale with banded green oxide clay and minor oxidized shale clasts.
Q017133	grab	19		0		floor	T14-009	black highly sheared and soft shale, green to yellow oxide occuring through fractures
Q017134	chip	20	25	0		floor	T14-009	Black to dark grey oxidized shale fragments, no compitent rock. Powdery and clay like compent present,
Q017135	chip	25	30	0		foor	T14-009	Black to dark grey oxidized shale fragments, no compitent rock. Powdery and clay like compent present,
Q017136	grab	30		0		floor	T14-009	dark grey shale with green oxide occurring in fractures, with grey clay component.
Q017137	chip	30	35	0		floor	T14-009	Black to dark grey oxidized shale fragments, no compitent rock. Powdery and clay like compent present,
Q017138	chip	35	38.5	0		floor	T14-009	Black to dark grey oxidized shale fragments, no compitent rock. Powdery and clay like compent present,
Q017139	chip	38.5	43.5	0		floor	T14-009	orange to brown clay material with highly altered shale limestone breccia
Q017140	grab	42		0		floor	T14-009	highly altered orange to brown limestone breccia, heavily oxidized with limonitic alteration.
Q017141	grab	45		0.2		wall	T14-009	highly bleached and brecciated limestone orange to yellow oxidation throughout, occuring with fault gouge
Q017142	grab	46		0		floor	T14-009	highly altered limestone, original textures destroyed, extremely sandy and porous, completely decarb.
Q017143	grab	46		0		floor	T14-009	brown to red fault gouge, with breccia like texture with highly altered non-calcareuos clasts, shale or LST?
Q017144	chip	43.5	48.5	0		floor	T14-009	highly oxidized material orange to yellow to brown, decarb limestone, fault gauge
Q017145	chip	48.5	53.5	0		floor	T14-009	highly oxidized material orange to yellow to brown, sandy or clay rich, minor content of sample Q017146
Q017146	chip	52		0.2		wall	T14-009	grey to green fault gouge breccia, with highly altered unreactive limestone clasts
Q017147	chip	53.5	57	0.2		wall	T14-009	grey greenish clay material and orange to red oxide clay material with minor altered limestone clasts.

SAMPLE LOG

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017148	grab	57		0		floor	T14-009	black crystalline limestone, brecciated texture, pervasive orange oxide within matrix, matrix is black, with bleached clasts exhibiting crackled textures, less reactive than matrix.
Q017149	chip	57	62	0.2		wall	T14-009	black crystalline limestone, brecciated texture, pervasive orange oxide within matrix, matrix is black, with bleached clasts exhibiting crackled textures, less reactive than matrix.
Q017150	chip	62	67	0.2		wall	T14-009	black crystalline limestone, brecciated texture, pervasive orange oxide within matrix, matrix is black, with bleached clasts exhibiting crackled textures, less reactive than matrix.
Q017151	chip	67	72	0		floor	T14-009	black crystalline limestone, brecciated texture, pervasive orange oxide within matrix, matrix is black, with bleached clasts exhibiting crackled textures, less reactive than matrix.
Q017152	chip	72	76	2		wall	T14-009	highly fractured and brecciated oxidized orange to green limestone.
Q017153	grab	74		1		wall	T14-009	from bed rock, highly brecciated and oxidized orange to green limestone.
Q017154	chip	76	81	0		floor	T14-009	more compitent black crystalline limestone, with crackled texture and minor brecciation, with bleached clasts and minor alteration.
Q017155	chip	81	86	0		floor	T14-009	more compitent black crystalline limestone, with crackled texture and minor brecciation, with bleached clasts and minor alteration.
Q017156	chip	86	91	0		floor	T14-009	more compitent black crystalline limestone, with crackled texture and minor brecciation, with bleached clasts and minor alteration.
Q017157	chip	91	96	2		wall	T14-009	more compitent black crystalline limestone, with crackled texture and minor brecciation, with bleached clasts and minor alteration.
Q017158	chip	96	101	2		wall	T14-009	more compitent black crystalline limestone, with crackled texture and minor brecciation, with bleached clasts and minor alteration.
Q017159	grab	105		0		floor	T14-009	yellow to green limestone breccia matrix is calcareuos, clast are weekly calcareous, with minor calcite filling fractures.
Q017160	grab	105		0		floor	T14-009	yellow to green limestone breccia matrix is calcareuos, clast are weekly calcareous, with minor calcite filling fractures.
Q017161	chip	101	106	0		floor	T14-010	yellow to greenish crystalline limestone, crackled texture consisting of black calcite veinlets, minor massive white calcite, minor clay rich material near bedrock.

SAMPLE LOG

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017162	chip	106	111	0		floor	T14-010	yellow to greenish crystalline limestone, crackled texture consisting of black calcite veinlets, minor massive white calcite, minor clay rich material near bedrock.
Q017163	chip	111	116	0		floor	T14-010	frozen ground. Bedrock not reached, clast appear to be close to source, minorly altertered appearance, yellow to greenish crystalline limestone.
Q017164	chip	116	121	0		floor	T14-010	frozen ground. Bedrock not reached, clast appear to be close to source, minorly altertered appearance, yellow to greenish crystalline limestone.
Q017165	chip	121	126	0		floor	T14-010	frozen ground. Bedrock not reached, clast appear to be close to source, minorly altertered appearance, yellow to greenish crystalline limestone. Minor bleaching of of some material.
Q017166	chip	126	131	0		floor	T14-010	frozen ground. Bedrock not reached, clast appear to be close to source, minorly altertered appearance, yellow to greenish crystalline limestone. Minor bleaching of of some material.
Q017167	chip	131	135	0		floor	T14-010	yellow to greenish crystalline limestone. Minor bleaching of of some material. Altered appearance.
Q017168	grab	135				floor	T14-010	brown altered limestone with sandy texture, vuggy, highly reactive.
Q017169	chip	135	140	0		floor	T14-010	orange to brown oxidized limestone, minor crystalline dark grey component. Occuring with brown clay rich horizon at .2m
Q017170	chip	140	145	0		floor	T14-010	orange to brown oxidized limestone, minor crystalline dark grey component. Occuring with brown clay rich horizon at .2m
Q017171	chip	145	150	0		floor	T14-010	black to dark grey crystalline limestone, minor bleaching and calcite
Q017172	chip	150	154	0		floor	T14-010	black to dark grey crystalline limestone, minor bleaching and calcite
Q017173	chip	154	159	0		floor	T14-010	red to brown dolomitized limestone. Altered in appearance. From bedrock.
Q017174	grab	156		0		floor	T14-010	red to brown dolomitized limestone. Altered in appearance. From bedrock.
Q017175	chip	159	160.5	0		floor	T14-010	red to brown dolomitized limestone. Altered in appearance. From bedrock. With orange clay component.
Q017176	chip	106.5	165.5	0		floor	T14-010	highly altered, sheared shale, silicified zones with minor quartz, abundant orange oxide in fractures and grey clay component.
Q017177	chip	165.5	171	0		floor	T14-010	highly altered, sheared shale, silicified zones with minor quartz, abundant orange oxide in fractures and grey clay component.

SAMPLE LOG

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017178	grab	171		2		wall	T14-010	orange to brown clay rich horizon, bound in altered shale orriented parralell to slope.
Q017179	chip	171	176	0		wall	T14-010	highly altered shale, silicified zones with minor quartz, abundant orange oxide in fractures and grey clay component.
Q017180	chip	176	181	0		wall	T14-010	highly altered shale, silicified zones with minor quartz, abundant orange oxide in fractures and grey clay component.
Q017181	chip	181	186	0		floor	T14-010	dark grey shale with brown oxide, highly sheared with minor clay component.
Q017182	chip	186	191	0		floor	T14-010	dark grey shale with brown oxide, highly sheared with minor clay component.
Q017183	chip	191	196	0		floor	T14-010	dark grey shale with brown oxide, highly sheared with orange clay seems oriented paralell to fractures
Q017184	chip	196	201	0		floor	T14-010	dark grey shale with brown oxide, highly sheared with orange clay seems oriented paralell to fractures
Q017185	chip	201	206	0		floor	T14-010	dark grey shale with brown oxide, highly sheared with orange clay seems oriented paralell to fractures
Q017186	chip	206	211	0		floor	T14-010	dark grey shale with brown oxide, highly sheared with orange clay seems oriented paralell to fractures
Q017187	chip	211	216	2		wall	T14-010	highly altered shale, steel grey clay rich horizon ~20cm thick between two orange clay rich oxide horizons ~20cm thick.
Q017188	grab	218		2		wall	T14-010	highly altered limestone, oragne oxide sand, calcareuos, minor calcite veinlets, original textures completely destroyed.
Q017189	chip	216	221	0		floor	T14-010	highly altered sheared shale, pervasive oragne to brown oxide, with minor clay horizons.
Q017190	chip	221	227	1		wall	T14-010	highly altered sheared shale, pervasive oragne to brown oxide, with minor clay horizons and massice calcite vein ~30cm thick with brecciated limestone.
Q017191	grab	224		1		wall	T14-010	massive yellow sandy calcite vein with brecciated bleached limestone clasts.
Q017192	grab	227		0.2		wall	T14-010	altered red to orange limestone in same colour clay, dolomitized, with brecciated texture.
Q017193	chip	227	232	0.2		wall	T14-011	orange to brown altered limestone. Crackled texture from small ~1mm black calcite veinlets. Prevelent orange calcite sand.
Q017194	grab	235		0.2		wall	T14-011	orange altered limestone sandy texture, preveltent calcite
Q017195	chip	232	237	0		floor	T14-011	orange to brown highly altered limestone, sandy texture with minor bleached clasts
Q017196	chip	237	242	0		floor	T14-011	frozen altered limestone clasts and orange to dark grey clay component, yellow bleached limestone with crackled texture
Q017197	chip	242	247	0		floor	T14-011	orange to brown altered limestone, from bedrock, black calcite veinlets resulting in crackled texture.

SAMPLE LOG

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017198	chip	247	252	0		floor	T14-011	orange to brown altered limestone, from bedrock, black calcite veinlets resulting in crackled texture. With minor clay component
Q017199	chip	252	257	0		floor	T14-011	orange to brown altered limestone, from bedrock, black calcite veinlets resulting in crackled texture. With minor clay component and bleached regions
Q017200	chip	257	261	0		floor	T14-011	orange to brown altered limestone, from bedrock, black calcite veinlets resulting in crackled texture. With minor clay component and bleached regions
Q017201	chip	261	266	0		floor	T14-011	orange to brown altered limestone, with brown clay and bleached limestone fragments with black calcite veinlets resulting in crackled texture, also with ~2-3cm thick white clacite veins occuring sporadically.
Q017202	chip	266	271	0.1		wall	T14-011	orange to brown altered limestone, with brown clay and bleached limestone fragments with black calcite veinlets resulting in crackled texture, also with ~2-3cm thick white clacite veins occuring sporadically.
Q017203	chip	271	276	0		floor	T14-011	orange to brown altered limestone, with brown clay and bleached limestone fragments with black calcite veinlets resulting in crackled texture, also with ~2-3cm thick white clacite veins occuring sporadically.
Q017204	chip	276	281	0		floor	T14-011	orange to brown altered limestone, with brown clay and bleached limestone fragments with black calcite veinlets resulting in crackled texture, also with ~2-3cm thick white clacite veins occuring sporadically.
Q017205	chip	281	286	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing.
Q017206	chip	286	291	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing.
Q017207	chip	291	296	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing.
Q017208	chip	296	301	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing.

SAMPLE LOG

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017209	chip	301	306	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing. With brown sandy calcareuos material.
Q017210	chip	306	311	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing. With brown sandy calcareuos material.
Q017211	chip	311	316	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing. With brown sandy calcareuos material.
Q017212	chip	316	321	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing. With brown sandy calcareuos material.
Q017213	chip	321	326	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing.With brown sandy calcareuos material and tan clayey material.
Q017214	chip	326	331	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing.With brown sandy calcareuos material and tan clayey material.
Q017215	chip	331	336	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing.With brown sandy calcareuos material and tan clayey material.
Q017216	chip	336	341	0		floor	T14-011	orange altered limestone, and bleached grey crystalline limestone, with crackled texture from black calcite veinlets and more massive white calcite veinlets over printing.With brown sandy calcareuos material and tan clayey material.
Q017217	chip	341	346	0		floor	T14-011	orange to yellow altered limestone, and bleached grey limestone. Reprentative of bedrock. With minor white calcite veining and small scale black calcite veinlets resulting in crackled texture. Also with Sandy calcareous material through out.

SAMPLE LOG

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017218	chip	346	351	0		floor	T14-011	orange to yellow altered limestone, and bleached grey limestone. Reprentative of bedrock. With minor white calcite veining and small scale black calcite veinlets resulting in crackled texture. Also with Sandy calcareous material through out.
Q017219	chip	351	355	0		floor	T14-011	orange to yellow altered limestone, and bleached grey limestone. Reprentative of bedrock. With minor white calcite veining and small scale black calcite veinlets resulting in crackled texture. Also with Sandy calcareous material through out.
Q017220	chip	355	358	0		floor	T14-011	highly sheared and fractured shale clasts in dark grey clay material.
Q017221	grab	354		0		floor	T14-011	grey crytalline limestone with zoned orange to brown oxidation causing vuggy texture with brown bladed calcite within vugs. Also with grey to clear crystalline mineral (soft and non calcareuos) sample is heavy, possible barite?

SAMPLE LOG

HORIZONTAL POSITION		VERTICAL POSITION		
From (m)	To (m)	Azimuth	g. Depth (m)	
0	71	129	5	
71	102	167	3	
102	183	98	5	
183	214	133	5	
214	345	119	5	
345	358	62	5	

RACKLA GOLD

Trench Name:	AnTr-14-008	**Section:**	
Trench Type:	Exploration	**Easting: at *origin***	618506
Equipment:	Kx-080	**Northing: at *origin***	7113222
Contractor:		**Elevation: at *origin***	
Zone:	Ana	**Azimuth: *from origin***	10
Start Date:	18-Jul	**Length: *from origin***	22.5m
End Date:	19-Jul	**Average Depth:**	5m
Mapped By:	R Thomas	**Mapping side / direction**	E
Sampled By:	R Thomas	**Sampling side / direction**	E

Target: alteration zone of Anubis fault

Rationale for limits of trench: Crossed 10m into hanging wall of Anubis fault, ubiquitous sheared and altered black shale.

Comments:

Reclamation Status: backfilled

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	7	0	5		LST					4					altered limestone, orange to yellow, bleached sections, all alteration with more compitent black crystalline limestone, also brown and grey clay horrizons.	
7	9	0	5		LST					4					highly altered limestone, orange to yellow, bleached sections, also brown and grey clay horrizons.	
9	12.5	0	5		LST					4					highly altered limestone, orange to yellow, bleached sections, also brown and grey clay horrizons. And 10-20cm yellow calcite vein in wall.	
12.5	22.5	0	5		SHL					0					highly sheared and altered shale, brecciated texture, non calcareuos with prevelent orange to brown oxide, graphitic within shears.	

GEOLOGY LOG

TRENCH:____

STRUCTURE LOG

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		
Fault	12.5				265	60	N				Approximate orientation of Anubis fault from trench cut	

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017222	chip	0	5	0.1		wall	T14-012	altered limestone, orange to yellow, bleached sections, all alteration with more compitent black crystalline limestone, also brown and grey clay horrizons.
Q017223	chip	5	7	0.1		wall	T14-012	altered limestone, orange to yellow, bleached sections, all alteration with more compitent black crystalline limestone, also brown and grey clay horrizons.
Q017224	chip	7	9	0.1		wall	T14-012	same as above but more prevelent alteration, brown to red component, highly bleached clasts.
Q017225	chip	9	12.5	0	2	wall	T14-012	altered brecciated limestone, orange to green in colour, weakly dolomitized, with massive yellow calcite vein in trench wall ~10-20cm thick. Orange to brown gouge material through out.
Q017226	grab	12.5		0.5		wall	T14-012	grey fault breccia, clasts 80% altered limestone with 20% oxidized shale clasts, moderatly porous possible decarb or dolomitization of limestone (no acid reaction), matrix is orange to brown material with clayey component.
Q017227	chip	12.5	17.5	0		floor	T14-012	highly sheared and altered shale, brecciated texture, non calcareuos with prevelent orange to brown oxide, graphitic within shears.
Q017228	chip	17.5	22.5	0		floor	T14-012	highly sheared and altered shale, brecciated texture, non calcareuos with prevelent orange to brown oxide, graphitic within shears.

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-009	**Section:**	
Trench Type:		**Easting: at *origin***	618404
Equipment:	Kx-080	**Northing: at *origin***	7113276
Contractor:		**Elevation: at *origin***	1349
Zone:	Ana	**Azimuth: *from origin***	10
Start Date:	22-Jul	**Length: *from origin***	18
End Date:	22-Jul	**Average Depth:**	2-2.5m
Mapped By:	Elizabeth Flavelle	**Mapping side / direction**	West/northeast
Sampled By:	Elizabeth Flavelle	**Sampling side / direction**	West/northeast

Target: alteration zone of Anubis fault

Rationale for limits of trench: Crossed 10m into hangingwall shales.

Comments:

Reclamation Status: complete - back to road

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	1				LST	mg	md	gy		4	oxi	1			Blue-grey, medium grained, blocky, hangingwall limestone with limonite stringers and limonite on fracture surfaces, locally pervasive limonite, and minor calcite veining.	
1	2.9				LST	mg	md	gy		4	oxi	2			Blue-grey, crackled/brecciated limestone with pervasive limonite, often as matrix with entrained altered limestone clasts. Locally vuggy. Calcite veins up to 3 cm wide observed.	
2.9	6.3				LST	mg	lt	or	go	4	oxi	3			Light to medium orange, clay-rich, sandy fault material with calcite and highly altered limestone clasts up to 1 cm wide.	
6.3	8				LST	mg	md	bn	go	4	oxi	2			Medium brown to green, clay-rich, sandy fault material with minor altered limestone clasts. Leaving fault?	
8	13				SHL	fg	dk	gy		0					Dark grey to black, clay-rich, sandy footwall shale material with minor shale clasts up to 5 mm wide.	
13	18				SHL	fg	dk	gy		0					Dark grey to black, clay-rich, sandy footwall shale material with minor shale clasts up to 5 mm wide.	

GEOLOGY LOG

TRENCH:_____

STRUCTURE LOG

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		
ft	2.9	8			?	55	SW	1			Anubis or Ana fault splay? Apparent hangingwall contact with limestone at 55 degrees dip and shallower contact with footwall shales at 24 degrees dip (solifluction?)	

Trench: AnTr-14-009

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017229	chip	0	1	2.5		west wall	T14-013	Blue-grey, medium grained, blocky, hangingwall limestone with limonite stringers and limonite on fracture surfaces, locally pervasive limonite, and minor calcite veining.
Q017230	chip	1	2.9	2.5		west wall	T14-013	Blue-grey, crackled/brecciated limestone with pervasive limonite, often as matrix with entrained altered limestone clasts. Locally vuggy. Calcite veins up to 3 cm wide observed.
Q017231	chip	2.9	6.3	2.5		west wall	T14-013	Light to medium orange, clay-rich, sandy fault material with calcite and highly altered limestone clasts up to 1 cm wide.
Q017232	chip	6.3	8	2.5		west wall	T14-013	Medium brown to green, clay-rich, sandy fault material with minor altered limestone clasts. Leaving fault?
Q017233	grab	8	13	2		west wall	T14-013	Dark grey to black, clay-rich, sandy footwall shale material with minor shale clasts up to 5 mm wide.
Q017234	chip	13	18	2		west wall	T14-013	Dark grey to black, clay-rich, sandy footwall shale material with minor shale clasts up to 5 mm wide.

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-010	**Section:**	
Trench Type:	Exploration	**Easting: at *origin***	617482
Equipment:	Kx-080	**Northing: at *origin***	7113683
Contractor:		**Elevation: at *origin***	1181
Zone:	Columba	**Azimuth: *from origin***	35
Start Date:	29-Jul	**Length: *from origin***	68
End Date:	01-Aug	**Average Depth:**	3
Mapped By:	Elizabeth Flavelle	**Mapping side / direction**	South/northeast
Sampled By:	Elizabeth Flavelle	**Sampling side / direction**	South/northeast
Target:	realgar mnx observed within auger drill hole AnAg-14-005		

Rationale for limits of trench: Encountered deep (>6 m) of frozen overburden; although possible to dig with ripper and bucket, taking far too long. Attempted pit at 85 r

Comments:

Reclamation Status: Complete - back to road.

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	30				LST	mg	md	gy		4	oxi	1			Variably altered limestone with calcite veining was encountered from 0-30 m in trench. Alteration included crackle breccia with pervasive dark calcite stringers, hematite and limonite replaced limestone breccia, and arsenic oxide on fracture surfaces of some cover rocks. Blebby realgar within calcite was encountered at 1, 4-5 and 14 m in trench.	
30	68				LST	fg	md	or		3	oxi	3			From 30-68 m, bright orange to medium grey, less competent, clay-rich material was often encountered (fault zone?). This less competent material complemented more competent, sometimes sheared and calcite veined, dark grey limestone with limonitic seams; and variably limonitic, altered limestone in medium brown to orange sandy material.	
85	88				OVB	mg	md	or		?	oxi	1			Due to the significant increase in frozen overburden around 65 m, the trench was ended at 68 m and a pit was dug along strike of the trench at approximately 85 m “down trench”. This pit encountered 6.5 m of overburden and bottomed in possible bedrock or additional frozen cover material. Due to the steep sides and loose material present, much of the samples were taken from the bucket of the excavator after scraping the trench floor.	

GEOLOGY LOG

STRUCTURE LOG

TRENCH:______________________________

Structure Type	HORIZONTAL POSITION From (m)	HORIZONTAL POSITION To (m)	VERTICAL POSITION From (m)	VERTICAL POSITION To (m)	Strike	Dip	Dip Direction	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo

Trench: AnTr-14-010

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017329	chip	0	5	3		south wall	T14-014	Variably altered limestone: from blue-grey, blocky and competent to patchy, crackled and calcite veined (black and white stringers). No realgar reproduceable in this section of chip sample, although previous grabs were taken of it (Q017334).
Q017330	chip	5	10	3		south wall	T14-014	Variably altered limestone: from blue-grey, blocky and competent to patchy, crackled and calcite veined (black and white stringers). Includes a 30 (?) cm wide, very hematitic/limonitic stained crackled limestone.
Q017331	grab	6.6		3		south wall	T14-014	Hematitic/limonitic crackled limestone.
Q017332	chip	10	15	3		south wall	T14-014	Variably altered limestone: from blue-grey, blocky and competent to patchy, crackled and calcite veined (black and white stringers). Blebby realgar observed within calcite at 14 m. Arsenic oxide seen on fracture surfaces of cover rocks above this area.
Q017333	grab	15		3		south wall	T14-014	Completely limonite replaced limestone with prevalent calcite veining.
Q017334	grab	13	18	3		south wall	T14-014	Calcite in crackled limestone hosting blebby realgar.
Q017335	grab	4		3		south wall	T14-014	Tan to light grey, calcite veined, crackled limestone.
Q017336	grab			3		south wall	T14-014	Tan to light grey, calcite veined, crackled limestone with dark calcite stringers.
Q017337	grab			3		south wall	T14-014	Tan to light grey, calcite veined, crackled limestone with dark calcite stringers.
Q017338	grab			3		south wall	T14-014	Tan to light grey, calcite veined, crackled limestone with dark calcite stringers.
Q017339	chip	15	20	3		south wall	T14-015	Unaltered limestone with minor limonitic limestone.
Q017340	chip	20	25	3		floor	T14-015	Unaltered limestone with minor limonitic and crackled limestone.
Q017341	grab	22		3		floor	T14-015	Limonitic altered, brecciated limestone with calcite veining.
Q017342	grab	22		3		floor	T14-015	Limonitic, crackled limestone with dark grey black calcite stringers (?)
Q017343	chip	25	30	3		floor	T14-015	Mostly altered limonitic/brecciated limestone with minor less altered limestone. Arsenic oxide on fracture surfaces of cover rocks.
Q017344	grab	27		3		floor	T14-015	Highly limonitic, brecciated limestone.
Q017345	chip	30	35	2		floor	T14-015	Altered limestone, increasingly less competent with higher clay content.
Q017346	chip	35	40	2		floor	T14-015	Very incompetent, limonite altered and clay-rich limestone? Fault zone?

SAMPLE LOG

Trench: AnTr-14-010

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017347	chip	40	45	2		floor	T14-015	Brown, clay-rich material with limonitic fragments and altered limestone. Becoming more altered and limonitic. Change at 44 m to slightly greyer material.
Q017348	chip	45	49	2		floor	T14-015	Medium to dark grey clay-rich material with dark grey limestone (?) fragments.
Q017349	chip	49	55	2		floor	T14-015	Highly limonitic, altered material: clay-rich and gougy.
Q017350	grab	50		2		floor	T14-015	Grey gouge.
Q017351	chip	55-60		2		floor	T14-015	More competent, sometimes sheared, darker grey limestone with limonitic seams. Calcite veined.
Q017352	grab	56		2		floor	T14-015	Dark grey, sheared limestone.
Q017353	chip	60	65	2		floor	T14-015	Variably altered limestone (weakly to moderately limonitic) in medium brown to orange sandy/clayey material.
Q017354	chip	65	68	6		floor	R14-014	Limonitic altered limestone and limonitic gouge.
Q017355	grab	68		3		floor	R14-014	Dark grey, clay-rich horizon above bedrock. End of trench.
Q017356	grab	85		6.5		floor	R14-014	Frozen overburden. Sample taken from bottom of pit dug along strike of trench.

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-011	**Section:**	
Trench Type:		**Easting:** *at origin*	617443
Equipment:	Kx-080	**Northing:** *at origin*	7113737
Contractor:		**Elevation:** *at origin*	
Zone:	Columba	**Azimuth:** *from origin*	20
Start Date:	09-Aug	**Length:** *from origin*	19
End Date:	10-Aug	**Average Depth:**	
Mapped By:	R Thomas	**Mapping side / direction**	E
Sampled By:	R Thomas	**Sampling side / direction**	E

Target: Anomalous Gold in AnEx13-247

Rationale for limits of trench: Trenched across area of high gold, entered from OVB and couldn't continue.

Comments:

Reclamation Status: reclaimed back to road

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	10				LST	fine	light	grey	cr	4	oxide	2			Grey to dark grey micritic limestone, with crackled texture caused by black calicite veinlets. Minor orange to brown oxide.	
10	19				SHL	fine	dark	grey		0					Highly sheared shale, graphitic on fractures, locally silicified with minor quartz veining present.	

GEOLOGY LOG

TRENCH:____

STRUCTURE LOG

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017396	chip	0	5			floor		Grey to dark grey micritic limestone, with crackled texture caused by black calicite veinlets. Minor orange to brown oxide.
no sample		5	10					frozen limestone ovb
Q017397	chip	10	15			floor		Representitive of bedrock, brecciated silicified shale with minor calcite veinlets, graphitic on fractures. With vuggy regions filled with oranage to brown oxide.
Q017398	chip	10	15	1	1.5	wall		oxidized limestone for horizon on trench wall. Yellow to orange in colour, crackled texture still present but mostly destroyed.
Q017399	grab	12				floor		silicified shale limstone breccia, limestone is partialy decarb, overall vuggy texture with porous regions of brown to orange oxide.
Q017400	chip	15	19			floor		Representitive of bedrock, brecciated silicified shale with minor calcite veinlets, graphitic on fractures. With vuggy regions filled with oranage to brown oxide.

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-012	**Section:**	
Trench Type:		**Easting: at *origin***	618568
Equipment:	Kx-080	**Northing: at *origin***	7113183
Contractor:		**Elevation: at *origin***	
Zone:	Ana	**Azimuth: *from origin***	25
Start Date:	11-Aug	**Length: *from origin***	35
End Date:		**Average Depth:**	4
Mapped By:	R Thomas	**Mapping side / direction**	W
Sampled By:	R Thomas	**Sampling side / direction**	W
Target:	cross trench at elevated gold in AnTr-14-007 at 252-257m, test stratigraphy proximal to and across the anubis		
Rationale for limits of trench:	crossed splay of the anubis fault, continued in limestone. Deemed sufficient to test limestone proximal to fault.		
Comments:			
Reclamation Status:	reclaimed		

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	10.5				LST			grey		4	oxide	2			yellow oxidized limestone with crackled texture resulting from black calcite veinlets. Highly altered apperence. Highly reactive to HCl	
10.5	13				LST					4	oxide	4			bright yellow to orange oxidized limestone with crackled texture resulting from black calcite veinlets. Highly altered apperence. Highly reactive to HCl	
13	17				LST		dark grey			4					highly fractured dark grey crytalline limestone with prevelent calcite veining.	
17	22				LST		dark grey			4					highly fractured dark grey crytalline limestone with prevelent calcite veining. With brown stainging on fractures and zones of decarb	
22	24				LST					4					brown oxidized limestone with massive calcite flooding.	
24	25				SHL		black			0					Highly sheared and oxidized shale	
25	30				LST		brown			4					brown oxidized limestone	
30	35				LST	fine	black			4					highly altered black crystalline limstone with greenish oxide on fractures, 1-3mm thick calcites veinlets, locally vuggy and porous black material, possible styolites	

GEOLOGY LOG

STRUCTURE LOG

TRENCH:______________________________________

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017401	chip	0	5			floor	T14-018	yellow oxidized limestone with crackled texture resulting from black calcite veinlets. Highly altered apperence. Highly reactive to HCl
Q017402	chip	0	5			floor	T14-018	White to grey bleached limestone with crackled texture from black calcite veinlets.
Q017403	grab	4				floor	T14-018	yellow brown clay gouge, unreactive (possible decarb) sheared limestone clasts present.
Q017404	chip	5	10.5			floor	T14-018	yellow oxidized and white to grey bleached limestone with crackled texture resulting from black calcite veinlets. Highly altered apperence. Highly reactive to HCl.
Q017405	chip	10.5	13			floor	T14-018	bright yellow to orange altered limestone, original textures destroyed.occuring with same coloured frozen clay like material and fractured clasts.
Q017406	chip	13	17			floor	T14-018	highly fractured dark grey crytalline limestone with prevelent calcite veining.
Q017407	grab	18		0.2		wall	T14-019	brown to dark brown decarb limestone,soft crumbly texture, possible oxide, minor calcite veining on a broader scale.
Q017408	chip	17	22	0.1		wall	T14-019	highly altered dark grey crystalline limestone, with calcite veining, brown staining on fracture surfaces, minor regions on oxide within vugs.
Q017409	grab	18		0.2		wall	T14-019	brown to dark brown decarb limestone,soft crumbly texture, possible oxide, minor calcite veining on a broader scale.
Q017410	chip	22	24			floor	T14-019	highly altered dark grey crystalline limestone, with calcite veinlets (1-3mm), with prevelent calcite flooding ~20cm thick, brown to orange oxide present,sandy orange to brown non-calcareuos material present on margins of calcite
Q017411	grab	23.5		0.2		wall	T14-019	Dark grey to black crystalline limestone with prevelent calcite veinlets, orange to brown in colour, altered appearance, from highly fractured bedrock proximal to the anubis fault.
Q017412	grab	23		0.2		wall	T14-019	sandy orange to brown non-calcareuos material present on margins of calcite calcite flooding (possible oxidized shale clasts entrained during calcite flooding?)
Q017413	grab	23		0.1		wall	T14-019	vuggy altered shale within ~20cm wide zone of calcite flooding, possible zenoliths. Locally porous.
Q017414	chip	24	25	0.5		wall	T14-019	highly oxidized and sheared shales, locally silicified.
Q017415	chip	25	30			floor	T14-019	Dark grey to black crystalline limestone with prevelent calcite veinlets, orange to brown in colour, altered appearance, from highly fractured bedrock proximal to the anubis fault.

SAMPLE LOG

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017416	chip	30	35			floor	T14-019	highly altered black crystalline limstone with greenish oxide on fractures, 1-3mm thick calcites veinlets, locally vuggy and porous black material, possible styolites
Q017417	grab	34				floor	T14-019	highly altered black crystalline limstone with greenish oxide on fractures, 1-3mm thick calcites veinlets, locally vuggy and porous black material, possible styolites

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-013	**Section:**	
Trench Type:		**Easting: at *origin***	618511
Equipment:	Kx-080	**Northing: at *origin***	7113222
Contractor:		**Elevation: at *origin***	
Zone:	Ana	**Azimuth: *from origin***	10
Start Date:	17-Aug	**Length: *from origin***	11
End Date:	18-Aug	**Average Depth:**	3
Mapped By:	R Thomas	**Mapping side / direction**	E
Sampled By:	R Tomas	**Sampling side / direction**	E

Target: cross trench at elevated gold in AnTr-14-007 at 171-176m,

Rationale for limits of trench: reached original trench is hanging wall of anubis fault

Comments:

Reclamation Status: reclaimed

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	1				LST	fine		orange		4	oxide	4			oxidized altered limestone, black crystalline with 1-3mm calcite veinlets or oxidized orange to yellow with crackled texture.	
1	11				SHL	fine		black		0	oxide	2			highly altered sheared shale	

GEOLOGY LOG

STRUCTURE LOG

TRENCH:______________________________________

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017418	chip	0	1			floor	T14-020	altered limestone, oxidized yellow to orange with locally crackled texture, with regions of black crystalline limestone with calcite veinlets 1-3mm wide. Also frozen orange fault gouge material
Q017419	brab	0.5				floor	T14-020	altered grey limestone with black material occuring in styolites, calcite veinlets 1-3mm wide, minor orange oxide
Q017420	chip	1	6			floor	T14-020	highly fractured and sheared shale oxidized orange locally, occuring with grey gouge material
Q017421	chip	6	11			floor	T14-020	highly altered, sheared shale. Loacally vuggy and porous, silicified with minor quartz present, minor grey to orange clay component.

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-014	**Section:**	
Trench Type:		**Easting: at *origin***	618398
Equipment:	Kx-080	**Northing: at *origin***	7113285
Contractor:		**Elevation: at *origin***	
Zone:	Ana	**Azimuth: *from origin***	50
Start Date:	18-Aug	**Length: *from origin***	6
End Date:	18-Aug	**Average Depth:**	3
Mapped By:	R Thomas	**Mapping side / direction**	W
Sampled By:	R Thomas	**Sampling side / direction**	W

Target: cross trench at elevated gold in AnTr-14-007 at 35-38.5m,

Rationale for limits of trench: Reached original trench in hanging wall of the anubis fault.

Comments:

Reclamation Status: reclaimed

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	1				LST						ox	5			altered oxidized limestone, from fault zone. Orange to yellow to brown decarb clasts in frozen oxide matrix, with orange clay components. Limestone is bleached, original textures destroyed	
1	6				SHL				sh		ox	2			highly sheared frozen shale, with seams of yellow oxide, also grey gouge component	

GEOLOGY LOG

STRUCTURE LOG

TRENCH:____

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017422	chip	0	1			floor	T14-020	altered oxidized limestone, from fault zone. Orange to yellow to brown decarb clasts in frozen oxide matrix, with orange clay components. Limestone is bleached, original textures destroyed
Q017423	chip	1	6			floor	T14-020	highly sheared frozen shale, with seams of yellow oxide, also grey gouge component
Q017424	grab	0				floor	T14-020	brown brecciated limestone with metallic stringers. weak limonitic altereation. Possible float??

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-015	**Section:**	
Trench Type:		**Easting: at *origin***	618038
Equipment:	Kx-080	**Northing: at *origin***	7113255
Contractor:		**Elevation: at *origin***	1418
Zone:	Draco	**Azimuth: *from origin***	310
Start Date:	21-Aug	**Length: *from origin***	20
End Date:	22-Aug	**Average Depth:**	3
Mapped By:	R Thomas	**Mapping side / direction**	S
Sampled By:	R Thomas	**Sampling side / direction**	S
Target:	Anomalous Au in soil at 618028mE 7113266mN across lin		
Rationale for limits of trench:	Trenched 10m either side of anomally and tested possible structure.		
Comments:			
Reclamation Status:	reclaimed		

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	20				LST	Fine		Grey		4					light grey to grey micritic limestone with crackled texture. Minor clay alteration present in fractures, milky to brown in colour. Minor oxidation present.	

GEOLOGY LOG

STRUCTURE LOG

TRENCH:____

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		
fault	17				210						possible fault in trench, characterized by clay gouge zone	

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017426	chip	0	5			floor	T14-020	light grey to grey micritic limestone with crackled texture. Minor clay alteration present in fractures, milky to brown in colour. Minor oxidation present.
Q017427	chip	5	10			floor	T14-020	light grey to grey micritic limestone with crackled texture. Minor clay alteration present in fractures, milky to brown in colour. With limestone locally oxidized to yellow or orange.
Q017428	chip	10	15			floor	T14-020	light grey to grey micritic limestone with crackled texture. Minor clay alteration present in fractures, milky to brown in colour. With limestone locally oxidized to yellow or orange.
Q017429	chip	15	20			floor	T14-021	light grey to grey micritic limestone with crackled texture. Minor clay alteration present in fractures, milky to brown in colour. Minor oxidation present. With possible cross fault oriented 210<->030, dip not measurable. Defined by grey clay gouge zone in trench.
Q017430	grab	17		0.2		wall	T14-021	Dark grey clay gouge with limestone clasts from possible cross fault oriented 210<->030, dip not measurable.

SAMPLE LOG

RACKLA GOLD

Trench Name:	AnTr-14-016	**Section:**	
Trench Type:		**Easting: at *origin***	618045
Equipment:	Kx-080	**Northing: at *origin***	7113215
Contractor:		**Elevation: at *origin***	
Zone:	Draco	**Azimuth: *from origin***	210
Start Date:	22-Aug	**Length: *from origin***	23
End Date:	22-Aug	**Average Depth:**	3
Mapped By:	R Thomas	**Mapping side / direction**	W
Sampled By:	R Thomas	**Sampling side / direction**	W

Target: Anomalous gold in soil at 618044mE 7113224mN

Rationale for limits of trench: Trenched 10m on either side of anomaly, crossed altered fault zone, ended in compitent unaltered limestone

Comments:

Reclamation Status: reclaimed

HORIZONTAL POSITION		VERTICAL POSITION		LITHOLOGY							ALTERATION		MINERALS		DESCRIPTION	Photo
From (m)	To (m)	From (m)	To (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	HCLReact.	Type	Intensity	Type	Conc. (%)		
0	16				LST	fine	Lt	grey		4					orange to brown stained micritic limestone with calcite veining, locally crackled texture and regions on darker crystalline limestone. Also brown clay component present.	
16	18				LST	fine	Lt	grey		4					more pervasively altered orange to brown stained black crystalline limestone with calcite veining. Also brown clay component present.	
18	20				LST	fine	white			1	clay	4			Highly altered zone of bleached white limestone, unreactive but with pervasive calcite veinlets and soft in texture.	
20	23				LST	fine	dark	to black		4					black crystalline limestone with massive calcite flooding, possibly recrystalized? LST is relatively unaltered.	

GEOLOGY LOG

TRENCH:_____

STRUCTURE LOG

Structure Type	HORIZONTAL POSITION		VERTICAL POSITION		Strike	Dip	Dip Direction	Count	MINERALS		DESCRIPTION	Photo
	From (m)	To (m)	From (m)	To (m)					Type	Conc. (%)		
fault	18	20			300						possible fault, zone of intense alteration.	

Trench:

Sample Number	TYPE	HORIZONTAL POSITION		VERTICAL POSITION		SAMPLE LOCATION (WALL / FLOOR)	Batch	SAMPLE DESCRIPTION
		From (m)	To (m)	From (m)	To (m)			
Q017431	chip	0	5			floor	T14-021	orange to brown stained micritic limestone with calcite veining, locally crackled texture and regions on darker crystalline limestone. Also brown clay component present.
Q017432	chip	5	10			floor	T14-021	orange to brown stained micritic limestone with calcite veining, locally crackled texture and regions on darker crystalline limestone. Also brown clay component present.
Q017433	chip	10	15			floor	T14-021	orange to brown stained micritic limestone with calcite veining, locally crackled texture and regions on darker crystalline limestone. Also brown clay component present.
Q017434	chip	15	18			floor	T14-021	more pervasively altered orange to brown stained black crystalline limestone with calcite veining. Also brown clay component present.
Q017435	chip	18	20	0.2		wall	T14-021	Highly altered zone of bleached white limestone in steel grey to white to brown clay gouge material. Limestone is unreactive but with pervasive calcite veinlets and soft in texture.
Q017436	grab	19				floor	T14-021	Highly altered zone of bleached white limestone, unreactive but with pervasive calcite veinlets and soft in texture.
Q017437	grab	19				floor	T14-021	steel grey sandy clay material, weakly calcareuos and porous, contains highly altered limestone clasts, and possible shale fragment?
Q017438	grab	19				floor	T14-021	yellow altered limestone, unreactive with calcite veinlets, sandy texture, crystalline, with green orange oxide on factures.
Q017439	chip	20	23	0.5		wall	T14-021	black crystalline limestone with massive calcite flooding, possibly recrystalized? LST is relatively unaltered.

SAMPLE LOG

APPENDIX VII

TRENCH SAMPLE - CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

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

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

Finalized Date: 18- JUN- 2014
Account: RCM

CERTIFICATE WH14090537

Project: NADALEEN

This report is for 15 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- JUN- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

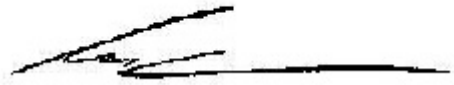
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090537

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017001		2.19	0.03	2.10	0.08	90.4	100	0.16	0.01	35.3	21.3	4.96	0.5	4	0.14	4.5
Q017002		2.45	0.05	1.01	1.23	538	200	0.68	0.05	31.5	19.55	18.90	3.4	23	2.56	13.6
Q017003		2.65	0.04	0.41	0.70	461	120	0.50	0.03	32.7	21.8	12.90	15.7	12	1.41	11.3
Q017004		3.12	0.45	1.22	0.68	1155	270	0.44	0.04	31.3	125.5	13.25	21.1	13	1.49	13.6
Q017005		2.48	0.22	1.05	1.64	1990	190	0.83	0.07	26.0	64.5	35.2	17.0	33	4.30	19.2
Q017006		3.62	0.02	0.66	2.27	881	280	0.89	0.06	24.0	5.84	34.3	3.1	51	6.72	24.2
Q017008		2.03	<0.01	0.45	3.47	496	390	1.10	0.12	22.3	5.46	39.0	5.6	42	7.98	20.8
Q017009		1.80	0.01	0.43	0.86	341	150	0.45	0.04	30.7	3.74	12.70	2.2	14	2.50	7.5
Q017010		1.55	0.01	0.18	2.44	486	140	1.04	0.08	19.40	4.70	26.3	6.0	25	5.97	8.0
Q017011		0.51	0.01	0.34	3.62	1250	290	1.61	0.10	14.40	7.00	40.2	12.2	43	9.33	15.0
Q017012		1.02	0.04	2.57	3.32	1050	390	1.36	0.09	17.60	58.4	38.9	10.7	47	8.21	22.0
Q017013		0.97	0.03	7.06	2.35	1610	250	1.06	0.07	16.70	36.8	27.8	12.1	36	6.00	23.9
Q017014		1.63	<0.01	0.48	2.21	234	2910	0.92	0.07	22.8	10.50	23.4	2.9	43	3.96	19.6
Q017015		0.29	<0.01	2.04	5.05	3410	870	2.07	0.14	3.83	49.6	81.3	6.9	105	15.50	53.2
Q017016		1.35	<0.01	2.83	3.11	447	450	1.38	0.10	7.56	20.7	42.6	3.1	128	9.71	58.9

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

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North Vancouver BC V7H 0A7
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090537

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017001		0.07	0.24	0.07	0.1	4.52	0.006	0.03	6.1	0.5	1.49	152	1.60	0.01	0.1	4.9
Q017002		0.72	3.07	0.20	0.6	7.76	0.014	0.50	14.6	5.4	0.84	193	15.95	0.02	2.3	58.7
Q017003		0.75	1.80	0.10	0.4	6.31	0.007	0.28	10.5	2.7	0.30	185	25.1	0.01	1.4	346
Q017004		2.08	4.18	0.11	0.4	23.3	0.049	0.27	12.1	2.7	0.33	330	42.4	0.01	1.4	635
Q017005		3.91	5.51	0.48	0.7	15.0	0.033	0.68	31.0	6.1	0.64	177	75.3	0.01	3.2	835
Q017006		1.41	6.19	0.21	1.0	1.31	0.035	1.00	30.7	9.1	0.47	118	35.1	0.02	4.1	163.0
Q017008		1.83	8.64	0.14	1.3	0.76	0.034	1.44	21.0	15.9	1.23	340	11.40	0.08	5.7	113.5
Q017009		0.57	2.33	0.10	0.4	1.36	0.015	0.37	9.8	3.3	1.17	153	13.20	0.01	1.5	87.9
Q017010		1.23	6.46	0.16	0.9	0.43	0.022	1.17	15.4	8.4	6.72	151	20.4	0.02	3.7	168.5
Q017011		2.20	9.39	0.18	1.5	1.26	0.031	1.61	25.2	11.1	4.95	206	70.2	0.03	5.9	509
Q017012		1.77	8.80	0.16	1.3	14.4	0.033	1.52	26.8	10.5	3.55	155	41.3	0.03	4.9	383
Q017013		1.58	6.89	0.19	0.9	12.8	0.025	1.00	21.2	9.1	3.08	410	37.8	0.03	4.2	889
Q017014		1.12	5.87	0.16	0.8	0.25	0.024	1.00	17.5	8.9	2.10	138	11.15	0.01	3.6	62.9
Q017015		3.28	14.30	0.27	2.0	0.98	0.044	2.23	60.3	22.9	0.99	187	24.7	0.04	8.4	451
Q017016		1.50	8.29	0.23	1.4	0.33	0.037	1.29	35.0	16.0	1.42	101	22.9	0.03	5.9	128.5

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

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North Vancouver BC V7H 0A7
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090537

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017001		470	3.3	1.1	0.003	0.01	4.31	1.9	2	<0.2	131.5	<0.05	<0.05	0.2	<0.005	0.60
Q017002		380	22.9	21.7	0.002	0.01	9.42	3.9	31	0.4	200	0.14	<0.05	2.1	0.070	10.85
Q017003		640	18.9	11.9	0.004	0.01	26.6	2.3	1	0.3	111.0	0.09	<0.05	1.2	0.039	8.54
Q017004		480	66.2	11.4	0.004	0.01	63.0	2.4	6	0.4	150.5	0.09	<0.05	1.2	0.041	14.25
Q017005		710	95.8	27.6	0.003	0.01	34.5	3.5	117	0.7	151.0	0.20	0.08	2.8	0.092	28.7
Q017006		740	10.6	43.3	0.005	0.02	8.21	3.6	14	0.8	273	0.28	0.06	3.4	0.130	23.1
Q017008		520	32.6	68.3	0.005	0.01	3.81	6.4	3	1.0	162.0	0.38	<0.05	5.3	0.189	10.90
Q017009		420	14.5	16.7	0.005	<0.01	4.20	2.3	2	0.3	175.0	0.10	<0.05	1.3	0.049	3.95
Q017010		210	12.9	50.6	0.004	0.01	6.46	5.1	2	0.7	132.0	0.26	<0.05	3.5	0.130	12.35
Q017011		470	36.1	73.3	0.003	0.01	38.6	6.7	6	1.0	120.5	0.39	0.05	5.3	0.203	16.60
Q017012		760	623	67.3	0.003	0.01	31.6	5.3	6	1.1	173.0	0.35	0.06	4.7	0.175	14.10
Q017013		560	1360	44.7	0.003	0.01	23.7	4.2	3	0.8	159.0	0.25	<0.05	3.5	0.127	6.53
Q017014		480	9.6	42.3	0.011	0.11	5.23	4.1	6	0.7	325	0.25	0.05	3.1	0.123	2.94
Q017015		1090	25.0	102.0	0.004	0.04	53.3	6.6	7	1.5	80.8	0.54	0.11	7.7	0.287	16.65
Q017016		1060	12.2	64.8	0.005	0.06	12.30	5.9	32	1.1	141.0	0.38	0.14	4.7	0.176	7.91

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

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090537

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Zn- OG62
	Analyte	U	V	W	Y	Zn	Zr	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
Q017001		8.3	51	0.3	10.9	108	2.4	
Q017002		6.9	221	2.0	17.6	835	19.7	
Q017003		5.8	135	0.9	14.4	>10000	13.0	1.195
Q017004		6.2	217	1.4	16.8	>10000	13.9	2.65
Q017005		8.9	536	1.5	23.4	>10000	27.0	1.570
Q017006		8.1	605	1.4	21.8	1410	33.2	
Q017008		4.2	168	0.8	18.4	923	44.8	
Q017009		4.9	112	0.4	11.1	859	13.0	
Q017010		4.2	154	0.6	15.5	1550	30.8	
Q017011		5.5	293	1.3	19.7	4340	52.3	
Q017012		7.9	536	2.0	16.6	6400	45.7	
Q017013		5.3	553	2.2	15.9	>10000	34.9	2.17
Q017014		4.2	404	0.4	18.6	714	28.0	
Q017015		15.8	1820	1.3	34.2	4370	72.7	
Q017016		8.2	1660	0.7	39.9	1280	57.4	

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

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VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090537

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

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

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Finalized Date: 18- JUN- 2014
Account: RCM

CERTIFICATE WH14090538

Project: NADALEEN

This report is for 22 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- JUN- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
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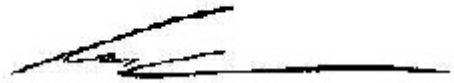
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090538

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017017		1.60	0.01	1.76	1.69	363	460	0.88	0.06	21.5	14.30	26.6	3.4	62	6.13	28.6
Q017018		0.86	0.02	0.47	0.75	276	260	0.38	0.03	30.1	15.15	17.60	1.8	16	2.22	9.2
Q017019		0.91	0.03	0.72	2.27	647	770	1.05	0.09	25.2	31.1	38.7	4.3	50	7.56	30.2
Q017020		1.52	0.01	0.66	3.18	418	620	1.41	0.10	19.45	13.40	40.8	3.1	51	10.05	21.3
Q017021		1.84	0.02	1.05	3.72	344	760	1.55	0.10	15.30	21.7	44.7	3.6	67	11.85	26.8
Q017022		1.19	0.09	2.24	3.46	552	1100	1.63	0.11	12.45	27.0	50.8	4.5	112	12.35	53.6
Q017023		3.10	0.04	3.56	3.46	479	730	1.64	0.11	5.96	22.7	47.9	3.6	147	12.35	66.7
Q017024		0.88	0.04	0.77	2.60	993	550	1.52	0.06	21.5	59.2	29.7	34.6	35	7.36	18.2
Q017025		1.29	0.08	4.93	6.20	1905	860	4.55	0.15	4.62	95.1	71.0	46.0	105	14.90	72.9
Q017026		0.62	<0.01	0.66	2.32	97.0	680	0.76	0.09	19.55	4.51	30.3	5.6	27	2.48	16.1
Q017027		1.02	0.01	0.51	1.21	140.0	440	0.55	0.05	19.10	13.45	22.5	3.6	30	1.96	15.1
Q017028		1.52	0.01	1.01	0.87	184.0	260	0.50	0.04	23.0	24.7	24.3	2.4	62	1.70	22.9
Q017029		1.43	0.01	1.00	0.78	216	260	0.53	0.03	25.9	38.0	28.8	2.4	77	1.99	27.6
Q017030		1.20	0.01	0.90	0.75	113.5	420	0.51	0.03	23.2	15.40	28.5	1.1	60	2.16	22.0
Q017031		1.37	0.01	1.81	0.92	136.5	200	0.57	0.05	21.8	16.80	30.0	1.5	80	2.27	38.0
Q017032		0.46	0.05	2.11	0.71	2500	240	1.09	0.02	27.8	71.2	17.15	3.8	69	1.52	49.6
Q017033		0.48	<0.01	1.17	0.48	306	160	0.37	0.02	29.7	11.35	9.29	1.8	25	0.83	13.3
Q017034		0.89	<0.01	0.89	0.55	445	1890	0.39	0.02	32.8	10.25	10.65	2.1	15	0.98	14.6
Q017035		0.67	0.01	0.75	0.18	412	3350	0.24	0.01	31.0	10.90	4.56	1.2	7	0.35	7.9
Q017036		0.05	NSS	42.8	6.98	5570	2350	3.49	0.40	2.43	105.0	159.5	4.9	427	31.1	425
Q017037		0.68	0.01	0.64	1.15	640	290	0.58	0.04	30.3	7.51	23.0	3.0	22	2.74	13.1
Q017038		1.48	<0.01	1.79	3.69	268	950	1.73	0.12	10.45	9.60	52.3	7.2	109	11.20	46.3

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

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

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

Finalized Date: 18- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090538

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017017		0.85	4.51	0.17	0.7	0.36	0.015	0.74	22.6	7.9	1.19	98	16.40	0.02	3.1	123.0
Q017018		0.45	2.02	0.14	0.3	0.71	0.007	0.34	18.1	3.0	1.02	84	8.08	0.01	1.3	47.2
Q017019		1.22	6.06	0.19	0.9	1.52	0.023	1.02	32.8	9.0	0.77	112	36.8	0.03	4.0	174.5
Q017020		1.51	8.61	0.23	1.2	0.40	0.031	1.48	30.5	12.0	2.94	144	25.9	0.02	5.5	96.4
Q017021		1.78	9.79	0.23	1.4	0.43	0.034	1.68	31.9	14.1	3.46	137	26.7	0.03	6.3	100.5
Q017022		1.59	9.00	0.29	1.4	3.06	0.032	1.46	42.7	15.7	0.60	99	19.15	0.03	6.1	125.5
Q017023		1.54	8.95	0.32	1.5	0.44	0.033	1.46	42.0	17.5	1.09	86	24.4	0.03	6.5	154.5
Q017024		1.48	6.81	0.17	0.8	1.17	0.020	1.18	22.1	10.6	2.23	408	9.85	0.02	4.0	185.0
Q017025		2.81	12.60	0.23	1.9	15.0	0.048	2.12	64.6	23.7	1.07	442	24.4	0.07	8.7	419
Q017026		1.51	5.85	0.14	0.9	0.51	0.021	0.84	18.7	15.7	1.39	293	4.55	0.11	3.8	26.6
Q017027		1.26	3.25	0.13	0.5	0.91	0.010	0.49	22.7	6.8	1.07	438	1.96	0.04	2.2	18.5
Q017028		0.47	2.45	0.14	0.4	1.68	0.009	0.35	32.9	4.9	0.89	74	2.77	0.02	1.5	32.0
Q017029		0.40	2.30	0.14	0.4	2.02	0.009	0.32	43.3	4.2	1.18	66	3.03	0.02	1.4	37.1
Q017030		0.36	2.15	0.15	0.4	0.45	0.009	0.31	35.6	4.5	1.95	52	2.42	0.02	1.3	40.8
Q017031		0.49	3.06	0.18	0.5	1.03	0.015	0.39	37.1	4.8	2.44	175	6.29	0.01	1.8	60.6
Q017032		3.24	2.39	0.14	0.4	2.86	0.010	0.28	18.8	3.3	0.78	424	8.60	0.01	1.3	302
Q017033		0.52	1.32	0.12	0.3	0.76	0.008	0.20	9.3	2.6	1.06	335	1.80	0.01	1.0	42.2
Q017034		0.90	1.64	0.13	0.3	0.47	0.007	0.21	11.3	3.5	0.26	209	3.34	0.03	1.3	77.8
Q017035		0.68	0.57	0.09	0.1	0.23	<0.005	0.06	5.4	1.3	0.16	170	3.08	<0.01	0.4	67.7
Q017036		4.59	20.1	0.46	4.4	10.30	0.075	3.22	127.0	31.5	0.66	113	47.5	0.05	19.0	565
Q017037		0.93	2.80	0.12	0.5	0.86	0.010	0.47	22.4	4.9	0.34	174	3.30	0.02	2.3	82.8
Q017038		1.69	9.80	0.26	1.5	0.52	0.034	1.56	40.4	15.8	2.06	191	36.2	0.03	7.3	134.0

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VANCOUVER BC V6B 1L8

Finalized Date: 18- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090538

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017017		630	7.3	33.9	0.003	0.02	9.39	4.1	13	0.6	239	0.20	0.06	2.6	0.094	4.32
Q017018		410	6.3	13.3	0.004	0.01	6.68	2.5	7	0.3	309	0.08	<0.05	1.2	0.039	1.90
Q017019		890	16.5	45.6	0.004	0.03	15.20	5.1	15	0.8	332	0.26	0.05	3.7	0.123	5.73
Q017020		520	9.3	67.9	0.005	0.02	11.50	6.5	30	1.1	245	0.37	0.06	4.8	0.174	6.72
Q017021		560	10.7	74.9	0.004	0.03	13.70	7.2	37	1.1	201	0.43	0.06	5.5	0.204	8.79
Q017022		1340	22.1	67.6	0.005	0.05	11.65	7.5	51	1.1	175.0	0.41	0.10	5.4	0.188	11.40
Q017023		1430	12.0	67.5	0.004	0.05	13.35	7.5	70	1.1	142.5	0.43	0.14	5.3	0.197	11.60
Q017024		620	9.0	50.4	0.003	0.01	11.60	5.7	15	0.7	282	0.26	<0.05	3.6	0.132	11.45
Q017025		1880	370	91.1	0.003	0.04	23.0	9.8	23	1.6	213	0.59	0.08	7.9	0.282	20.2
Q017026		390	27.1	38.9	0.005	0.07	4.45	4.9	2	0.7	397	0.27	0.05	4.0	0.118	0.79
Q017027		1030	15.0	21.6	0.004	0.05	1.58	3.2	1	0.4	342	0.15	<0.05	2.2	0.068	1.36
Q017028		1000	6.5	15.4	0.004	0.04	2.38	2.7	5	0.3	439	0.10	0.06	1.6	0.047	1.99
Q017029		1480	4.8	13.8	0.006	0.04	2.61	2.9	7	0.3	533	0.09	0.05	1.5	0.043	2.92
Q017030		1660	3.4	13.5	0.006	0.07	1.85	2.4	6	0.3	492	0.08	0.05	1.4	0.041	3.08
Q017031		890	102.5	17.0	0.005	0.06	4.34	3.2	9	0.4	445	0.10	0.05	1.8	0.051	2.89
Q017032		2930	415	11.3	0.003	0.01	49.7	5.1	6	0.2	253	0.08	0.06	1.3	0.037	1.95
Q017033		820	175.5	7.8	0.002	<0.01	5.73	1.8	1	0.2	249	0.06	<0.05	0.9	0.027	1.08
Q017034		460	87.3	8.6	0.003	0.04	19.20	2.2	1	0.2	209	0.08	<0.05	1.0	0.033	0.45
Q017035		180	54.2	2.7	0.003	0.08	14.85	1.7	1	<0.2	290	<0.05	<0.05	0.3	0.011	0.28
Q017036		2290	479	157.5	0.004	0.72	45.1	11.9	89	2.5	286	1.03	0.52	13.4	0.376	39.1
Q017037		750	58.8	18.4	0.004	0.01	11.20	3.7	1	0.4	184.5	0.14	<0.05	2.1	0.064	2.42
Q017038		1250	12.7	72.2	0.005	0.04	14.55	8.0	36	1.3	271	0.48	0.10	6.0	0.209	6.33

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Finalized Date: 18- JUN- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14090538

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q017017		7.0	769	0.4	25.8	870	30.8
Q017018		7.0	309	0.3	17.5	347	11.8
Q017019		9.3	1030	0.7	28.7	1040	37.3
Q017020		6.8	717	1.2	27.7	1150	46.8
Q017021		7.0	910	1.1	26.4	1400	55.6
Q017022		8.3	1260	0.9	42.4	1310	60.6
Q017023		9.1	1760	1.0	45.7	1320	63.6
Q017024		3.8	409	0.8	22.7	1290	35.1
Q017025		11.5	1330	2.3	110.5	2860	77.1
Q017026		3.4	169	0.6	15.4	235	35.4
Q017027		2.7	122	0.4	21.7	177	19.7
Q017028		3.3	150	0.4	30.7	282	17.4
Q017029		3.8	153	0.4	38.9	369	18.7
Q017030		4.0	112	0.2	32.7	361	16.9
Q017031		4.7	260	0.5	37.1	533	22.6
Q017032		6.0	817	2.2	35.6	2410	28.1
Q017033		4.1	205	0.8	15.3	375	13.4
Q017034		5.4	250	0.6	14.9	442	12.5
Q017035		6.7	189	0.3	9.9	403	6.2
Q017036		40.7	7820	6.6	93.3	4750	211
Q017037		10.7	326	1.0	21.3	545	20.9
Q017038		8.9	1290	1.4	37.5	1250	76.0

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CERTIFICATE OF ANALYSIS WH14090538

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: NSS is non- sufficient sample.
ALL METHODS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31

ALS Canada Ltd.

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Finalized Date: 29- JUN- 2014
Account: RCM

CERTIFICATE WH14092129

Project: NADALEEN

P.O. No.: T14- 003

This report is for 32 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- JUN- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

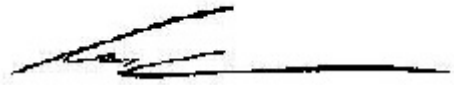
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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CERTIFICATE OF ANALYSIS WH14092129

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017039		1.44	<0.01	1.53	2.97	191.5	410	1.14	0.08	10.40	12.20	38.2	2.9	79	9.64	40.9
Q017040		0.63	<0.01	0.08	0.11	18.4	120	0.07	0.01	37.6	3.93	1.74	0.6	2	0.24	2.4
Q017041		0.61	0.01	0.60	0.95	354	240	0.45	0.03	32.8	13.80	13.70	2.6	17	1.78	12.7
Q017042		0.13	0.01	2.37	0.96	3160	180	1.22	0.04	33.6	83.6	14.40	4.1	48	3.45	32.5
Q017043		1.22	<0.01	0.23	0.12	58.2	80	0.10	0.01	37.0	4.10	5.30	0.7	4	0.25	4.6
Q017044		1.36	<0.01	0.33	0.24	56.7	100	0.16	0.01	37.1	11.00	4.57	1.0	4	0.51	3.6
Q017045		1.62	<0.01	0.35	0.18	79.6	80	0.16	0.01	35.9	6.17	5.40	1.5	3	0.34	3.4
Q017046		1.05	<0.01	0.48	0.13	57.2	200	0.25	0.01	37.4	10.30	5.08	0.9	4	0.29	3.8
Q017047		1.85	0.01	2.58	1.01	304	710	0.47	0.04	24.8	18.85	28.3	7.0	72	2.24	30.8
Q017048		0.82	<0.01	1.31	0.56	141.0	720	0.34	0.03	32.7	10.60	16.85	6.0	17	1.27	11.3
Q017049		1.94	<0.01	0.54	0.79	150.0	160	0.44	0.03	24.6	6.07	17.50	2.6	31	1.83	15.1
Q017050		1.62	<0.01	1.39	2.13	466	910	0.81	0.09	8.85	11.00	52.8	23.1	138	6.10	60.9
Q017051		1.14	0.01	3.24	0.73	126.5	1110	0.32	0.14	20.5	6.35	21.7	5.1	65	1.91	26.1
Q017052		1.05	<0.01	2.39	0.56	132.0	290	0.37	0.03	32.0	6.75	16.10	2.3	56	1.76	25.3
Q017053		1.30	<0.01	1.88	0.47	133.0	390	0.33	0.03	33.1	14.80	13.65	3.8	24	1.43	28.1
Q017054		0.21	0.01	14.10	4.39	899	730	2.56	0.26	10.80	58.8	94.4	27.1	262	17.50	295
Q017055		1.35	<0.01	0.55	0.21	57.3	80	0.18	0.01	34.0	3.63	6.64	1.5	5	0.34	5.5
Q017056		1.14	<0.01	0.29	0.23	51.5	90	0.20	0.02	34.7	2.46	7.22	1.3	4	0.35	5.0
Q017057		1.97	<0.01	0.53	3.74	187.5	330	1.45	0.12	12.85	8.79	48.5	6.4	54	9.26	29.5
Q017058		0.93	<0.01	1.81	3.13	124.5	560	1.56	0.10	10.75	11.90	43.9	4.7	123	7.85	52.1
Q017059		1.26	<0.01	1.11	3.64	70.1	530	1.48	0.10	12.85	9.37	39.2	5.9	80	8.33	39.5
Q017060		1.63	<0.01	0.15	2.18	72.0	350	0.86	0.07	24.5	1.24	24.4	4.1	27	5.46	10.9
Q017061		1.30	<0.01	0.22	2.01	45.6	230	0.90	0.06	24.9	2.06	23.8	4.0	26	4.35	12.0
Q017062		1.83	<0.01	0.07	1.50	47.7	210	0.67	0.05	28.1	0.70	14.05	3.4	17	4.10	8.6
Q017063		1.07	<0.01	1.50	3.69	216	560	1.66	0.10	12.15	7.02	37.2	7.1	101	9.72	47.9
Q017064		1.21	<0.01	1.83	3.73	83.2	690	1.71	0.12	9.20	12.60	42.5	5.9	143	11.65	58.4
Q017065		0.94	<0.01	1.04	5.06	95.8	580	2.14	0.15	7.33	13.20	61.8	8.6	88	14.10	56.7
Q017066		1.45	<0.01	0.27	3.98	178.0	340	1.85	0.13	13.35	4.03	50.7	8.4	53	11.60	29.0
Q017067		1.01	<0.01	0.15	0.75	64.3	130	0.46	0.03	31.4	3.11	10.05	2.6	10	1.53	8.9
Q017068		1.78	<0.01	0.14	0.43	28.0	90	0.21	0.02	32.7	3.33	6.44	1.7	5	0.49	4.9
Q017069		1.76	<0.01	0.38	0.36	19.6	80	0.19	0.02	36.3	6.11	5.19	1.4	6	0.58	6.2
Q017070		1.49	<0.01	0.50	0.32	33.6	90	0.21	0.02	36.2	7.35	5.91	1.5	6	0.46	5.8

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14092129

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017039		1.42	7.66	0.19	1.1	0.23	0.031	1.31	30.2	11.4	3.96	126	18.95	0.03	5.2	89.3
Q017040		0.07	0.28	0.10	<0.1	0.02	<0.005	0.04	2.3	0.8	0.35	42	0.55	0.01	0.2	5.1
Q017041		0.84	2.55	0.11	0.4	0.48	0.007	0.38	10.9	5.1	1.24	121	3.12	0.04	1.9	40.4
Q017042		3.75	3.00	<0.05	0.4	1.22	0.007	0.37	15.7	5.1	0.43	89	8.88	0.02	1.3	334
Q017043		0.13	0.40	<0.05	0.1	0.17	<0.005	0.05	6.6	1.0	0.81	57	0.89	0.01	0.3	7.3
Q017044		0.17	0.67	<0.05	0.1	0.11	<0.005	0.09	4.8	1.8	0.35	69	0.53	0.01	0.4	7.8
Q017045		0.20	0.51	0.06	0.1	0.23	<0.005	0.07	5.0	1.5	1.51	140	0.72	0.01	0.4	8.3
Q017046		0.10	0.41	0.07	0.1	0.63	<0.005	0.05	6.4	1.2	0.21	97	1.17	0.01	0.3	7.8
Q017047		0.57	2.80	0.05	0.5	3.34	0.010	0.40	33.5	3.7	1.14	228	8.59	0.01	1.8	174.0
Q017048		0.32	1.44	<0.05	0.3	0.93	0.006	0.23	16.8	2.4	0.73	153	6.01	0.01	1.1	183.0
Q017049		0.46	1.78	0.09	0.4	0.30	0.005	0.35	16.7	3.7	4.90	80	11.10	0.02	1.4	53.7
Q017050		1.19	5.55	0.10	1.0	0.91	0.023	0.91	62.4	9.9	3.14	122	29.2	0.02	3.7	490
Q017051		0.36	2.08	0.08	0.4	1.11	0.008	0.33	27.8	3.9	1.66	94	6.61	0.01	1.3	132.0
Q017052		0.34	1.61	0.05	0.3	0.69	0.007	0.25	18.2	3.1	1.62	87	7.27	0.01	1.1	119.5
Q017053		0.36	1.38	<0.05	0.3	1.45	0.007	0.22	15.3	2.8	1.70	147	12.95	0.01	1.2	124.5
Q017054		2.90	13.15	0.13	2.9	7.70	0.047	2.16	77.2	23.2	6.10	346	134.5	0.04	12.2	755
Q017055		0.16	0.55	<0.05	0.1	0.23	<0.005	0.08	6.9	1.5	2.19	85	3.30	0.02	0.4	13.6
Q017056		0.18	0.60	0.08	0.1	0.12	0.008	0.09	7.4	1.5	1.99	101	5.17	0.01	0.4	12.8
Q017057		2.11	10.10	0.14	1.4	0.66	0.034	1.68	33.0	14.9	5.36	183	41.9	0.03	6.6	122.0
Q017058		1.51	8.36	0.13	1.3	0.40	0.030	1.49	34.8	11.4	1.45	153	20.2	0.03	6.0	106.0
Q017059		1.78	9.24	0.13	1.2	0.27	0.037	1.72	30.1	14.8	3.41	145	24.9	0.03	5.9	103.5
Q017060		1.13	5.74	0.10	0.8	0.09	0.019	1.03	13.3	9.2	3.52	142	5.80	0.02	3.4	36.9
Q017061		1.12	5.36	0.08	0.7	0.08	0.020	0.94	13.9	9.3	3.74	150	4.03	0.02	3.1	24.2
Q017062		0.85	3.93	0.07	0.5	0.07	0.015	0.70	8.7	7.2	2.82	145	3.46	0.02	2.4	22.4
Q017063		1.77	9.69	0.09	1.4	0.21	0.033	1.60	29.8	15.8	4.50	161	17.70	0.04	6.2	99.9
Q017064		1.67	9.96	0.12	1.6	0.23	0.033	1.65	32.4	18.3	1.83	138	21.7	0.04	6.7	98.1
Q017065		2.63	13.70	0.16	1.9	0.33	0.043	2.30	43.5	25.0	3.37	258	42.1	0.06	8.8	103.5
Q017066		2.00	10.40	0.26	1.5	0.12	0.030	1.78	33.1	17.5	5.27	227	48.8	0.04	6.8	137.0
Q017067		0.47	1.70	0.10	0.3	0.06	<0.005	0.32	8.3	3.9	3.18	121	16.35	0.02	1.3	37.9
Q017068		0.31	1.02	0.08	0.2	0.04	<0.005	0.14	5.5	3.8	2.59	108	3.25	0.04	0.7	12.1
Q017069		0.23	0.93	0.09	0.1	0.08	0.005	0.14	5.3	2.1	0.46	93	2.17	0.01	0.6	13.7
Q017070		0.22	0.81	0.08	0.1	0.17	0.005	0.13	5.8	1.9	0.36	122	3.55	0.01	0.6	20.4

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

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

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

Finalized Date: 29- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14092129

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017039		810	10.0	63.1	0.004	0.07	8.96	5.6	23	1.0	139.0	0.35	0.08	4.0	0.169	4.75
Q017040		20	1.8	1.6	<0.002	<0.01	0.44	0.3	1	<0.2	273	<0.05	<0.05	0.2	0.006	0.14
Q017041		350	30.0	16.9	0.002	<0.01	8.53	2.2	1	0.3	190.5	0.12	<0.05	1.5	0.055	0.70
Q017042		510	114.0	17.2	<0.002	0.01	97.7	5.0	2	0.3	155.0	0.09	<0.05	1.4	0.038	2.42
Q017043		220	2.7	2.2	0.002	0.01	1.52	0.6	1	<0.2	334	<0.05	<0.05	0.2	0.007	0.17
Q017044		200	6.1	4.4	<0.002	0.01	1.24	0.7	1	<0.2	206	<0.05	<0.05	0.4	0.013	0.29
Q017045		250	16.9	3.2	<0.002	0.01	1.64	0.6	1	<0.2	213	<0.05	<0.05	0.3	0.010	0.23
Q017046		200	27.6	2.3	<0.002	0.01	1.19	1.1	1	<0.2	274	<0.05	<0.05	0.2	0.006	0.24
Q017047		880	220	17.1	<0.002	0.03	14.75	3.4	13	0.4	379	0.12	<0.05	1.9	0.055	2.26
Q017048		670	155.0	9.5	<0.002	0.03	6.53	1.4	8	0.2	226	0.07	<0.05	1.1	0.033	1.26
Q017049		870	13.2	14.8	0.005	0.02	2.71	2.0	8	0.3	281	0.09	<0.05	1.5	0.043	1.63
Q017050		2050	15.9	41.4	0.003	0.09	18.45	3.8	4	0.7	172.0	0.23	0.09	4.0	0.116	7.26
Q017051		1360	205	14.1	0.004	0.06	9.92	1.4	5	0.3	280	0.07	<0.05	1.4	0.039	1.69
Q017052		1800	55.6	11.3	<0.002	0.04	4.76	1.7	5	0.2	315	0.06	<0.05	1.0	0.030	1.62
Q017053		450	127.0	10.0	<0.002	0.03	8.04	1.4	2	0.2	191.0	0.07	0.05	0.9	0.026	1.64
Q017054		1510	319	105.0	0.003	0.26	66.3	10.7	27	1.7	161.5	0.73	0.28	9.2	0.240	19.60
Q017055		260	135.5	3.5	0.002	0.01	5.13	0.7	1	<0.2	195.5	<0.05	<0.05	0.4	0.012	0.29
Q017056		390	8.2	3.7	0.003	0.01	1.63	0.7	5	0.2	215	<0.05	<0.05	0.4	0.014	0.29
Q017057		530	16.9	78.6	0.002	0.05	15.25	6.8	7	1.4	140.0	0.44	0.06	5.2	0.210	6.06
Q017058		1530	9.5	69.2	0.012	0.09	11.85	6.0	9	1.1	182.0	0.39	0.08	4.2	0.181	2.74
Q017059		700	10.1	81.3	0.006	0.05	9.80	6.8	8	1.3	177.0	0.38	0.08	4.4	0.203	2.49
Q017060		280	5.1	51.1	0.005	0.02	3.54	4.1	2	0.8	238	0.23	<0.05	2.7	0.118	1.59
Q017061		140	5.0	44.0	0.003	0.05	5.65	3.8	1	0.7	265	0.20	<0.05	2.5	0.106	0.77
Q017062		360	3.7	29.7	<0.002	<0.01	1.57	2.9	1	0.5	167.0	0.15	<0.05	1.9	0.087	0.51
Q017063		1140	9.8	77.9	0.003	0.05	9.62	7.0	6	1.2	135.5	0.41	0.07	4.4	0.211	1.02
Q017064		1160	10.4	83.7	0.011	0.09	16.40	6.8	7	1.3	145.5	0.45	0.09	4.8	0.211	1.12
Q017065		720	16.9	110.0	0.008	0.06	27.2	9.9	16	1.8	105.0	0.61	0.09	6.9	0.282	1.85
Q017066		580	9.4	79.3	<0.002	0.03	11.90	7.5	68	1.5	106.0	0.46	0.05	5.7	0.229	3.02
Q017067		500	3.7	12.3	0.004	0.02	2.25	1.7	13	0.3	198.0	0.08	<0.05	1.1	0.042	0.94
Q017068		470	3.0	6.2	0.004	0.01	0.95	1.2	2	0.2	173.5	0.05	<0.05	0.7	0.024	0.23
Q017069		280	2.7	6.4	0.002	0.01	1.10	1.1	1	0.2	156.0	<0.05	<0.05	0.5	0.019	0.24
Q017070		340	28.2	5.2	<0.002	<0.01	1.94	1.2	1	0.2	191.5	<0.05	<0.05	0.5	0.020	0.32

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

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14092129

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
Q017039		6.4	1070	0.7	29.5	1060	46.8
Q017040		0.3	21	0.1	4.3	51	1.9
Q017041		5.2	184	0.5	10.9	365	17.4
Q017042		6.0	737	2.6	20.4	2350	23.3
Q017043		3.8	56	0.1	10.9	78	2.7
Q017044		4.1	38	0.1	6.0	92	4.3
Q017045		5.2	33	0.2	5.4	90	3.6
Q017046		5.3	73	0.2	9.6	99	3.5
Q017047		6.7	404	1.6	26.1	2160	25.2
Q017048		8.5	146	0.9	12.6	2110	11.8
Q017049		5.7	124	0.5	15.1	453	16.2
Q017050		6.7	637	1.1	38.7	4080	45.8
Q017051		4.1	234	0.8	24.2	1840	17.3
Q017052		4.8	231	0.7	24.9	1500	18.4
Q017053		8.9	402	0.9	13.7	1500	13.5
Q017054		26.7	4140	6.6	61.5	4520	135.5
Q017055		5.9	58	0.2	6.8	115	4.7
Q017056		6.5	37	0.2	6.5	123	4.3
Q017057		7.1	888	0.8	21.7	1220	60.7
Q017058		6.6	1340	0.7	38.2	837	61.5
Q017059		6.0	846	0.9	23.4	849	56.0
Q017060		2.7	127	0.6	9.5	295	27.5
Q017061		2.9	189	0.5	10.9	186	25.3
Q017062		1.9	52	0.4	6.4	162	19.3
Q017063		5.9	979	1.0	29.9	643	62.7
Q017064		7.3	1430	0.8	33.0	681	67.5
Q017065		9.1	1440	1.1	33.6	1180	79.7
Q017066		7.9	855	1.2	25.1	1080	65.1
Q017067		6.1	109	0.3	8.6	334	10.9
Q017068		4.5	49	0.1	5.4	115	7.4
Q017069		4.5	57	0.2	5.1	120	5.5
Q017070		5.4	70	0.3	6.8	151	6.3

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

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

Finalized Date: 29- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14092129

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 30- JUN- 2014
Account: RCM

CERTIFICATE WH14095621

Project: NADALEEN

P.O. No.: T14- 004

This report is for 7 Rock samples submitted to our lab in Whitehorse, YT, Canada on 20- JUN- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

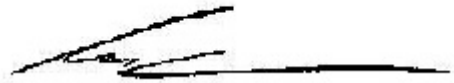
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 30- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14095621

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017071		1.52	<0.01	0.08	0.59	105.5	160	0.25	0.02	31.5	1.45	13.20	1.4	10	0.74	4.9
Q017072		0.65	0.02	2.24	4.66	>10000	910	4.02	0.07	8.70	89.2	42.7	17.0	92	6.17	136.0
Q017073		0.41	0.03	3.41	8.85	>10000	2330	8.45	0.10	1.14	203	68.9	75.1	128	10.15	199.0
Q017074		0.13	<0.01	6.52	4.14	>10000	1110	1.84	0.08	0.55	23.4	26.4	2.9	121	4.10	163.5
Q017075		0.21	<0.01	1.21	3.89	7830	800	1.94	0.08	0.40	32.8	20.2	2.9	88	7.49	230
Q017076		0.49	<0.01	1.11	2.29	>10000	130	7.59	0.03	0.27	128.5	28.2	132.0	48	2.26	853
Q017077		0.03	0.04	4.01	10.60	>10000	1990	4.97	0.18	1.33	44.5	36.5	7.4	324	8.93	411

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

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CERTIFICATE OF ANALYSIS WH14095621

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017071		0.42	1.51	0.11	0.2	0.16	0.006	0.29	9.4	3.9	0.64	82	1.14	0.01	1.0	11.2
Q017072		5.52	4.55	0.17	0.7	4.14	0.020	0.62	39.1	13.3	0.27	348	16.75	0.02	2.9	439
Q017073		10.10	6.04	0.23	1.0	7.75	0.024	0.80	59.0	18.3	0.16	1440	24.4	0.02	3.7	929
Q017074		1.50	3.59	0.11	0.6	3.97	0.013	0.43	31.0	10.4	0.09	84	5.47	0.01	2.0	94.2
Q017075		2.73	5.57	0.11	0.7	2.67	0.020	0.76	14.4	11.6	0.16	101	16.45	0.03	3.1	78.5
Q017076		43.1	2.07	0.63	0.3	6.53	0.010	0.21	27.6	4.5	0.06	2530	90.1	<0.01	0.9	1715
Q017077		2.81	7.49	0.16	1.6	10.7	0.035	1.03	34.5	18.6	0.19	151	11.05	0.02	5.4	451

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

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

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

Finalized Date: 30- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14095621

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017071		80	3.8	12.6	0.002	0.05	0.73	1.5	1	0.2	841	0.06	<0.05	1.0	0.033	0.51
Q017072		2970	121.0	33.5	0.003	0.06	16.30	5.0	6	0.6	477	0.19	0.07	2.8	0.088	35.1
Q017073		4240	285	38.4	0.002	0.05	25.4	9.2	9	0.8	555	0.27	0.13	3.5	0.108	115.0
Q017074		3630	68.3	27.5	0.006	0.10	7.96	2.2	3	0.5	306	0.13	0.06	2.1	0.063	49.4
Q017075		2660	11.0	43.5	0.006	0.08	12.50	3.6	6	0.6	245	0.22	0.18	2.7	0.111	7.67
Q017076		1290	44.6	10.4	<0.002	0.02	32.8	3.9	99	0.2	48.4	0.07	0.08	1.0	0.026	25.3
Q017077		>10000	49.8	40.0	0.015	0.23	12.90	3.7	4	1.0	1780	0.35	0.08	3.5	0.137	101.0

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

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

Finalized Date: 30- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14095621

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001
Q017071		2.1	42	0.2	9.8	144	8.4		
Q017072		31.4	2300	1.6	158.5	4060	30.9		1.665
Q017073		60.3	3400	2.4	332	8050	42.4		4.09
Q017074		24.3	1190	0.8	52.8	618	25.6		1.420
Q017075		37.5	1800	0.9	66.1	402	27.6		
Q017076		57.8	4980	2.4	371	>10000	12.9	3.19	1.870
Q017077		41.9	2000	2.1	102.5	2420	68.7		4.59

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

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

Finalized Date: 30- JUN- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14095621

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

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

ALS Canada Ltd.

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

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

Finalized Date: 7- JUL- 2014
Account: RCM

CERTIFICATE WH14096672

Project: NADALEEN

P.O. No.: T14- 005

This report is for 14 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24- JUN- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

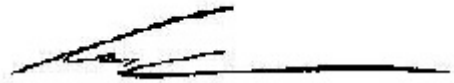
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 7- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096672

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017078		1.48	<0.01	0.80	2.66	217	420	1.13	0.08	22.7	2.82	31.1	5.3	35	3.65	16.0
Q017079		1.67	<0.01	0.40	2.45	149.0	490	0.83	0.08	22.9	3.05	27.6	4.7	26	3.01	13.2
Q017080		1.13	<0.01	0.82	3.62	599	520	1.12	0.12	17.00	5.65	33.8	9.2	41	4.37	21.4
Q017081		1.38	<0.01	0.72	4.01	1320	480	1.35	0.13	15.85	4.83	38.8	9.9	46	6.35	19.6
Q017082		1.25	<0.01	0.59	2.46	942	350	0.66	0.07	21.4	3.86	26.8	8.3	30	3.88	12.3
Q017083		1.50	<0.01	0.51	3.93	822	960	1.23	0.15	13.90	5.24	45.6	11.5	45	5.43	27.6
Q017084		0.82	<0.01	0.44	5.85	759	860	1.91	0.22	8.68	4.66	64.4	17.5	68	6.66	42.3
Q017085		1.36	<0.01	0.39	5.34	606	870	1.65	0.20	10.30	2.03	57.9	13.0	58	5.85	37.8
Q017086		1.08	0.01	1.48	6.03	5660	890	2.38	0.17	4.95	15.75	54.5	20.6	83	8.77	59.3
Q017087		1.17	0.01	1.77	5.87	>10000	1450	2.64	0.17	5.37	59.9	56.4	14.8	76	8.59	86.3
Q017088		1.13	<0.01	0.47	0.52	501	310	0.28	0.02	28.7	3.62	7.93	1.6	6	0.99	5.1
Q013907		0.44	<0.01	0.90	6.98	4650	1150	2.16	0.22	0.99	17.45	71.8	14.1	105	11.45	54.9
Q013908		0.70	0.01	2.53	6.53	>10000	1300	3.91	0.16	1.40	92.0	66.8	40.1	119	12.75	113.5
Q013909		0.95	<0.01	0.14	0.39	278	90	0.34	0.02	32.8	2.29	6.46	1.4	7	0.40	4.0

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

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

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

Finalized Date: 7- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096672

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017078		1.32	7.37	0.05	1.0	0.12	0.029	1.37	21.7	6.7	1.66	153	4.61	0.03	4.5	35.8
Q017079		1.13	6.83	0.06	0.9	0.07	0.018	1.26	19.4	5.9	1.68	119	5.65	0.03	4.1	29.6
Q017080		2.70	9.95	0.06	1.3	0.13	0.047	1.87	23.2	7.8	1.60	181	8.95	0.03	6.0	67.9
Q017081		1.92	11.60	0.09	1.4	0.41	0.045	2.13	25.8	11.0	1.58	287	3.58	0.04	7.2	102.0
Q017082		1.26	6.67	0.08	0.9	0.55	0.030	1.25	18.2	6.8	0.82	204	2.65	0.02	4.2	65.8
Q017083		2.84	10.60	0.10	1.8	0.60	0.037	1.58	27.1	17.1	1.73	503	3.02	0.14	9.1	73.3
Q017084		3.95	15.65	0.14	2.8	0.44	0.058	2.14	35.6	30.5	2.15	641	2.52	0.27	15.2	71.5
Q017085		3.49	14.00	0.10	2.3	0.30	0.055	2.04	32.6	26.7	2.81	560	2.77	0.22	12.4	51.9
Q017086		4.09	12.70	0.12	2.0	0.99	0.050	1.78	36.8	23.4	1.23	482	10.50	0.15	10.7	203
Q017087		6.52	12.45	0.10	2.2	2.03	0.047	1.67	37.7	22.7	1.59	599	12.05	0.17	10.8	267
Q017088		0.50	1.25	0.06	0.2	0.27	0.008	0.21	6.4	2.8	0.90	129	1.09	0.01	0.9	15.3
Q013907		3.84	15.90	0.12	2.4	0.95	0.061	2.03	42.3	22.0	0.62	599	6.40	0.30	12.6	117.0
Q013908		5.45	11.55	0.14	1.8	3.34	0.043	1.60	54.7	17.8	0.39	770	17.30	0.13	10.0	398
Q013909		0.31	0.88	<0.05	0.2	0.08	0.010	0.15	5.6	1.8	1.95	94	1.38	0.02	1.2	7.3

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

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

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

Finalized Date: 7- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096672

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017078		990	10.0	57.9	<0.002	0.07	2.75	5.2	3	0.9	598	0.28	<0.05	3.8	0.143	1.83
Q017079		180	6.0	52.2	0.003	0.05	3.16	4.6	2	0.8	797	0.27	<0.05	3.4	0.130	1.73
Q017080		240	9.5	76.1	<0.002	0.03	4.86	6.3	4	1.2	534	0.40	<0.05	5.0	0.198	3.15
Q017081		350	9.2	88.4	<0.002	0.04	3.71	7.3	3	1.5	335	0.47	<0.05	6.0	0.231	6.09
Q017082		540	6.8	51.1	<0.002	0.04	2.40	4.5	3	0.8	450	0.27	<0.05	3.7	0.139	3.68
Q017083		710	27.6	68.0	0.002	0.05	2.93	7.8	2	1.3	351	0.58	<0.05	6.5	0.259	3.37
Q017084		920	29.7	93.4	<0.002	0.04	1.98	12.0	2	1.8	209	0.96	0.07	9.6	0.405	3.12
Q017085		970	24.1	86.3	<0.002	0.05	1.95	10.5	2	1.6	228	0.78	0.07	8.6	0.339	2.44
Q017086		1050	37.8	79.8	<0.002	0.03	8.13	9.5	5	1.5	207	0.71	0.08	7.6	0.300	9.98
Q017087		1120	61.7	76.1	<0.002	0.03	12.50	10.7	5	1.5	240	0.69	0.07	7.3	0.291	13.45
Q017088		150	54.8	8.9	<0.002	0.04	0.86	1.2	1	0.2	452	0.06	<0.05	0.7	0.026	1.63
Q013907		2330	97.8	102.5	<0.002	0.09	5.37	11.7	4	1.8	178.5	0.83	0.07	9.1	0.358	17.55
Q013908		2480	158.5	75.6	<0.002	0.07	15.90	9.0	7	1.3	319	0.63	0.14	6.6	0.250	61.3
Q013909		170	5.0	5.7	0.004	0.04	0.43	0.8	1	<0.2	242	0.07	<0.05	0.6	0.029	1.95

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

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

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

Finalized Date: 7- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096672

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
Q017078		3.2	223	1.1	18.9	495	38.1	
Q017079		3.6	215	0.5	14.3	368	32.8	
Q017080		4.1	331	0.7	15.4	895	48.0	
Q017081		3.5	296	1.0	19.6	1340	56.3	
Q017082		2.6	167	0.6	15.8	983	33.1	
Q017083		2.8	179	1.0	21.9	719	66.0	
Q017084		3.1	176	1.2	29.5	524	101.0	
Q017085		3.3	197	1.1	23.5	360	88.0	
Q017086		6.9	810	1.3	56.5	1580	77.3	
Q017087		10.4	1410	1.7	101.0	2200	76.9	1.095
Q017088		2.0	63	0.2	9.5	192	7.1	
Q013907		11.5	619	1.6	61.7	1060	90.4	
Q013908		23.9	1860	2.1	145.0	3340	74.4	1.420
Q013909		3.7	32	0.2	7.1	131	6.7	

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

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

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

Finalized Date: 7- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14096672

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

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

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

Finalized Date: 16- JUL- 2014
Account: RCM

CERTIFICATE WH14099483

Project: NADALEEN

P.O. No.: T14- 006

This report is for 11 Rock samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

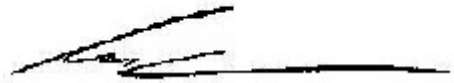
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn- OG62	Ore Grade Zn - Four Acid	VARIABLE
As- OG62	Ore Grade As - Four Acid	VARIABLE
Pb- VOL70	Pb by Titration	
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 16- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099483

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017089		1.26	0.01	4.46	3.61	3520	640	3.31	0.10	0.30	38.7	52.1	9.6	139	14.40	60.9
Q017090		1.29	0.02	4.08	5.70	>10000	870	8.33	0.14	0.73	105.5	69.6	21.1	125	18.25	75.3
Q017091		0.17	0.02	6.37	3.91	>10000	3090	7.85	0.10	1.24	422	92.0	51.2	111	5.48	94.7
Q017092		0.34	0.03	2.54	1.15	>10000	190	13.05	0.05	0.95	138.0	47.3	49.2	25	4.66	27.0
Q017093		0.33	0.04	2.60	6.33	>10000	1260	2.39	0.05	1.00	19.35	45.8	3.9	111	6.24	88.0
Q017094		0.22	0.02	>100	3.49	>10000	970	3.39	0.04	0.54	245	12.60	58.0	20	3.56	128.5
Q017095		0.98	0.02	2.18	4.73	>10000	770	8.27	0.15	0.97	113.0	68.7	37.0	69	13.90	61.8
Q017096		1.00	0.04	27.6	6.87	>10000	1990	7.84	0.13	1.28	172.5	51.9	32.1	80	12.70	110.5
Q017097		0.86	0.01	3.36	7.48	>10000	1830	5.01	0.14	2.35	76.9	55.1	27.0	82	11.85	91.3
Q017098		1.85	<0.01	0.82	5.69	175.5	2260	1.87	0.20	0.37	1.25	65.9	3.7	103	21.7	46.4
Q017099		1.61	0.01	0.74	5.86	116.0	2290	1.91	0.21	0.42	1.13	65.9	3.6	106	22.0	38.8

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1016- 510 W HASTINGS ST
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Finalized Date: 16- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099483

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017089		4.28	10.00	0.19	1.5	0.47	0.032	1.74	46.2	14.0	0.30	73	20.8	0.03	6.7	344
Q017090		11.95	11.85	0.23	1.8	1.86	0.048	1.94	58.9	18.5	0.39	235	37.5	0.05	7.4	1055
Q017091		25.3	6.49	0.41	1.0	40.2	0.042	0.69	130.5	12.8	0.17	679	52.2	0.04	3.6	1175
Q017092		48.1	2.88	0.93	0.4	1.04	0.029	0.30	58.8	3.1	0.07	198	319	0.01	1.2	4220
Q017093		2.88	5.17	0.15	0.7	7.36	0.030	0.48	49.1	9.8	0.13	157	6.38	0.02	2.4	169.0
Q017094		13.05	2.24	0.20	0.3	15.0	0.023	0.27	10.0	8.2	0.09	1140	94.4	0.01	1.4	596
Q017095		30.7	8.95	0.39	1.5	2.03	0.047	1.37	61.0	15.6	0.30	245	232	0.03	6.2	2810
Q017096		16.95	8.51	0.20	1.3	11.3	0.037	1.09	45.3	21.8	0.38	475	47.5	0.05	5.5	1200
Q017097		10.45	11.45	0.19	1.8	4.64	0.049	1.51	38.0	28.5	0.62	769	34.3	0.10	9.6	790
Q017098		2.66	16.30	0.16	2.8	0.27	0.059	2.14	38.7	17.2	0.45	53	7.76	0.05	19.3	39.2
Q017099		2.47	16.45	0.16	2.9	0.24	0.056	2.20	38.6	17.8	0.47	74	7.17	0.05	19.5	35.0

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VANCOUVER BC V6B 1L8

Finalized Date: 16- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099483

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017089		640	22.8	85.3	0.002	0.03	16.00	6.8	16	1.3	53.0	0.45	0.15	5.8	0.190	7.98
Q017090		1220	297	97.3	0.002	0.03	27.9	9.8	17	1.3	138.5	0.51	0.08	7.1	0.214	18.25
Q017091		2290	2070	35.0	0.003	0.11	53.3	4.0	61	0.7	566	0.23	0.09	4.3	0.097	30.4
Q017092		2860	179.0	15.7	<0.002	0.02	123.0	8.8	14	0.3	55.6	0.08	<0.05	1.6	0.032	12.70
Q017093		5630	473	33.7	0.005	0.16	8.29	2.6	2	0.5	782	0.16	0.07	2.6	0.074	162.5
Q017094		1310	>10000	14.5	0.006	1.72	455	2.9	50	0.3	364	0.10	0.20	1.3	0.038	37.6
Q017095		3020	489	63.6	0.002	0.02	70.9	9.6	15	1.2	157.5	0.42	0.09	6.1	0.172	21.0
Q017096		2240	>10000	54.6	0.003	0.05	31.6	8.5	10	1.0	303	0.39	0.13	5.0	0.147	32.2
Q017097		1920	1305	70.3	0.002	0.06	23.0	9.0	9	1.3	299	0.66	0.13	6.7	0.250	37.3
Q017098		1160	72.9	120.0	0.004	0.31	5.38	10.5	5	1.9	133.5	1.19	0.09	9.8	0.378	2.06
Q017099		1050	23.6	122.0	0.003	0.29	5.03	10.2	4	1.8	131.0	1.23	0.08	9.8	0.393	1.99

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099483

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62	Pb-VOL70
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.01
Q017089		6.2	1750	0.8	57.3	2740	65.5					
Q017090		20.2	2160	2.4	244	7570	70.5				1.370	
Q017091		34.4	5520	6.0	371	>10000	46.1			1.080	3.38	
Q017092		13.3	1930	4.4	440	>10000	19.5			2.39	2.62	
Q017093		34.2	941	1.3	57.5	1350	28.2				2.55	
Q017094		51.3	>10000	1.7	157.0	8720	11.1	537	>20.0		7.57	34.66
Q017095		25.7	1960	3.3	262	>10000	62.2			1.480	2.27	
Q017096		41.7	3240	2.7	285	>10000	50.5		2.34	1.190	3.66	
Q017097		31.7	2430	2.0	198.0	4630	68.7				2.57	
Q017098		4.3	591	1.5	19.7	270	109.5					
Q017099		4.1	591	1.6	18.0	223	110.0					

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CERTIFICATE OF ANALYSIS WH14099483

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	SPL- 21
WEI- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag- OG62	As- OG62	Au- AA26	Hg- CV41
ME- MS61	ME- OG62	Pb- OG62	Pb- VOL70
PUL- 31	PUL- QC	Zn- OG62	

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- JUL- 2014
Account: RCM

CERTIFICATE WH14101205

Project: NADALEEN

P.O. No.: T14- 007

This report is for 24 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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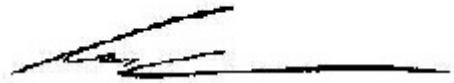
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH14101205

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017100		1.34	0.04	2.10	3.96	7180	1890	3.35	0.10	13.75	43.4	52.1	29.2	62	19.40	60.3
Q017101		0.17	0.04	3.54	4.56	>10000	820	15.15	0.12	0.63	135.5	115.0	43.8	82	24.4	154.5
Q017102		0.20	0.02	4.91	0.71	5790	850	1.96	0.03	19.50	56.9	12.50	22.3	17	2.90	73.0
Q017103		1.22	<0.01	2.02	2.33	2330	310	1.58	0.08	13.50	33.2	33.7	15.2	69	11.20	41.4
Q017104		0.86	<0.01	3.14	4.43	2280	590	2.31	0.14	0.44	15.35	58.0	8.0	148	21.3	67.9
Q017105		1.02	<0.01	1.65	2.74	4550	380	3.93	0.08	0.32	170.5	45.9	8.6	79	12.20	73.0
Q017106		1.19	0.01	4.60	4.71	7940	760	7.45	0.12	0.50	72.6	66.2	23.8	113	18.95	79.4
Q017107		1.54	0.01	3.20	3.44	2940	650	3.30	0.11	5.82	38.9	49.7	10.7	95	12.40	58.2
Q017108		2.18	<0.01	1.66	5.03	1760	1010	2.76	0.18	3.57	16.50	65.0	13.1	86	8.87	40.3
Q017109		1.61	<0.01	1.03	4.43	420	1750	1.41	0.22	0.29	1.95	53.8	1.6	90	10.10	85.5
Q017110		0.34	<0.01	1.41	3.06	1070	930	1.19	0.23	0.24	8.79	25.1	0.8	60	6.61	219
Q017111		1.48	<0.01	0.23	0.87	91.0	150	0.38	0.03	28.3	1.42	17.30	1.9	12	1.64	5.7
Q017112		1.07	0.03	3.07	3.03	>10000	490	5.77	0.10	1.28	62.9	44.5	28.5	65	19.45	36.3
Q017113		1.10	0.05	3.37	3.86	>10000	560	6.70	0.11	0.97	29.8	47.5	29.5	74	21.0	40.7
Q017114		1.09	0.04	5.01	5.23	>10000	570	5.25	0.16	1.55	17.75	63.7	33.5	86	24.5	45.5
Q017115		1.21	0.04	7.79	4.20	>10000	550	5.37	0.12	2.30	38.6	50.6	32.7	80	18.20	53.6
Q017116		1.06	0.04	3.64	4.09	>10000	1030	8.98	0.12	0.90	133.0	58.8	26.6	91	14.75	52.2
Q017117		1.04	<0.01	2.18	4.18	1100	930	1.56	0.12	0.39	69.8	50.9	2.6	126	13.45	77.5
Q017118		0.26	0.11	84.7	3.03	2050	1880	4.00	0.12	0.77	28.7	71.0	1.1	108	5.33	272
Q017119		0.77	0.07	65.9	10.20	4380	1490	12.70	0.13	0.92	91.3	68.2	2.8	101	6.20	251
Q017120		1.21	0.04	50.0	3.93	2370	1090	3.45	0.17	0.51	76.2	60.6	1.3	126	4.45	247
Q017121		0.96	<0.01	1.22	0.70	1570	140	1.77	0.03	0.20	45.4	9.63	1.2	41	1.07	83.4
Q017122		1.42	<0.01	1.47	2.07	639	790	1.41	0.10	0.38	10.55	31.9	0.6	90	3.78	208
Q017123		2.11	0.01	1.55	2.64	251	1020	0.88	0.13	0.31	1.78	34.0	0.4	58	5.56	84.7

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CERTIFICATE OF ANALYSIS WH14101205

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017100		11.15	9.87	0.15	1.4	0.68	0.033	1.44	42.0	12.0	0.46	178	43.1	0.02	6.2	1440
Q017101		25.1	11.10	0.30	1.5	1.07	0.037	1.40	111.5	12.5	0.26	144	59.6	0.02	6.2	2900
Q017102		6.66	1.56	0.08	0.3	30.9	0.009	0.28	13.1	3.0	0.22	184	16.75	0.01	1.2	672
Q017103		3.54	5.94	0.12	1.0	0.57	0.024	1.10	31.3	11.8	1.44	215	18.40	0.03	4.2	335
Q017104		3.54	11.60	0.18	1.7	0.52	0.040	2.22	46.3	20.5	0.44	77	29.8	0.04	8.1	234
Q017105		7.61	6.61	0.16	0.9	0.43	0.023	1.04	40.4	12.9	0.24	71	46.3	0.02	4.1	580
Q017106		10.60	10.80	0.18	1.6	1.10	0.039	1.72	60.3	16.9	0.35	123	41.7	0.03	7.0	1030
Q017107		4.79	8.24	0.13	1.3	0.46	0.031	1.38	42.9	13.7	0.91	153	14.80	0.06	6.5	453
Q017108		4.43	12.70	0.13	1.9	0.44	0.050	1.56	41.3	21.2	0.67	382	11.25	0.45	12.2	263
Q017109		1.81	13.50	0.13	2.3	0.69	0.063	1.51	31.4	13.5	0.33	42	28.0	0.05	14.8	26.4
Q017110		2.03	9.38	0.13	1.2	1.77	0.021	0.97	15.1	8.2	0.19	13	37.0	0.02	5.5	45.4
Q017111		0.64	2.44	0.09	0.3	0.04	0.011	0.43	13.1	4.2	1.06	86	1.20	0.01	1.6	12.9
Q017112		32.3	8.82	0.50	1.2	1.28	0.027	1.13	38.9	9.5	0.23	407	163.5	0.02	4.9	1445
Q017113		29.8	10.65	0.48	1.4	1.39	0.037	1.49	39.4	11.0	0.31	225	197.0	0.02	5.6	2290
Q017114		20.5	14.20	0.19	1.9	1.34	0.050	2.20	48.5	16.4	0.68	192	148.5	0.03	7.8	2140
Q017115		23.8	10.55	0.16	1.5	2.20	0.037	1.70	40.2	12.5	0.39	280	133.0	0.03	5.7	1900
Q017116		18.95	9.82	0.17	1.3	2.07	0.034	1.50	54.9	13.6	0.34	280	38.1	0.02	5.8	1075
Q017117		2.74	9.94	0.13	1.7	2.56	0.024	1.61	44.2	15.4	0.35	33	15.65	0.03	7.3	131.5
Q017118		1.81	7.27	0.20	0.9	94.2	0.041	0.65	90.2	16.5	0.13	34	72.3	0.01	3.5	87.0
Q017119		3.47	8.38	0.24	1.1	>100	0.040	0.80	71.2	16.9	0.18	29	363	0.02	4.5	394
Q017120		3.38	7.19	0.17	1.0	27.6	0.085	0.82	77.2	12.2	0.14	26	72.7	0.01	3.8	119.5
Q017121		3.36	1.80	0.09	0.2	1.70	0.044	0.10	11.2	5.6	0.02	52	48.6	0.01	1.1	55.9
Q017122		1.46	6.80	0.11	0.9	3.98	0.083	0.41	34.4	9.6	0.09	31	29.9	0.01	3.8	27.9
Q017123		0.82	8.49	0.12	1.2	3.51	0.051	0.86	24.3	7.9	0.17	20	33.5	0.02	5.6	13.2

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

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

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

Finalized Date: 19- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101205

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017100		1060	236	68.3	<0.002	0.04	28.0	8.1	3	1.2	202	0.42	0.07	5.1	0.179	7.78
Q017101		1350	526	69.9	0.003	0.01	73.1	19.2	13	1.2	135.0	0.43	0.10	5.4	0.171	12.00
Q017102		300	12.4	12.6	<0.002	0.42	5.81	2.4	4	0.2	264	0.07	0.06	0.9	0.035	4.78
Q017103		620	27.9	52.5	<0.002	0.04	13.05	5.2	9	0.7	158.0	0.27	0.13	3.2	0.125	4.41
Q017104		950	17.7	99.3	0.003	0.05	16.05	8.1	13	1.5	48.0	0.54	0.17	6.5	0.247	8.04
Q017105		610	60.0	50.9	<0.002	0.02	36.8	6.6	19	0.8	46.0	0.27	0.10	3.6	0.136	5.77
Q017106		1020	241	84.9	0.002	0.02	35.5	8.7	12	1.3	122.5	0.46	0.14	5.9	0.213	9.06
Q017107		870	249	66.3	<0.002	0.04	14.60	6.8	8	1.0	124.0	0.42	0.12	4.7	0.185	4.71
Q017108		1130	53.5	79.1	0.002	0.06	9.91	10.3	5	1.5	152.5	0.75	0.08	8.1	0.328	3.51
Q017109		860	22.5	81.7	0.005	0.22	15.05	7.8	9	1.4	186.5	0.84	0.16	7.8	0.311	4.96
Q017110		550	122.5	49.5	0.009	0.08	33.3	6.2	13	1.0	108.5	0.35	0.27	4.7	0.165	1.73
Q017111		560	4.9	18.5	0.003	0.08	1.11	2.1	2	0.3	491	0.11	<0.05	1.4	0.050	0.59
Q017112		2170	806	57.9	<0.002	0.01	98.0	9.4	3	1.0	96.9	0.32	0.09	4.3	0.133	11.65
Q017113		1870	666	73.7	<0.002	0.01	96.9	10.9	4	1.1	129.5	0.37	0.10	5.1	0.161	8.92
Q017114		1320	617	104.5	<0.002	0.01	66.5	11.6	4	1.6	130.5	0.52	0.08	7.7	0.242	10.40
Q017115		1670	796	76.8	<0.002	0.01	73.2	11.0	4	1.1	141.5	0.38	0.11	5.5	0.189	8.09
Q017116		1330	560	70.9	<0.002	0.03	66.6	12.8	5	1.0	165.5	0.37	0.10	5.0	0.181	7.50
Q017117		680	43.2	74.4	0.002	0.07	15.90	4.9	2	1.3	148.5	0.48	0.12	5.1	0.235	6.28
Q017118		3880	>10000	28.9	0.013	0.45	150.5	3.6	23	0.9	645	0.22	0.15	3.6	0.095	14.60
Q017119		6970	>10000	35.5	0.014	0.41	233	10.2	41	0.9	504	0.29	0.14	4.2	0.116	21.0
Q017120		2630	9780	39.3	0.009	0.27	163.0	8.2	14	0.8	377	0.24	0.16	4.0	0.120	16.90
Q017121		1110	158.0	4.8	0.012	0.05	27.5	3.6	3	0.2	147.0	<0.05	0.08	0.6	0.019	4.80
Q017122		2010	89.8	21.2	0.008	0.16	19.90	8.4	5	0.8	509	0.21	0.19	2.7	0.094	12.55
Q017123		860	89.9	44.8	0.005	0.17	10.75	5.3	6	1.0	261	0.34	0.15	4.3	0.160	11.70

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

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

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

Finalized Date: 19- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101205

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Pb- OG62	Zn- OG62	As- OG62	Hg- CV42
	Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	As	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.001	0.1
Q017100		6.2	705	2.5	126.0	9060	56.3				
Q017101		9.5	1680	3.8	>500	>10000	67.0		2.20	2.02	
Q017102		1.8	300	0.2	127.0	7380	10.6				
Q017103		5.9	1030	0.8	48.2	3110	40.1				
Q017104		9.8	2110	0.8	48.9	2420	72.7				
Q017105		5.3	1520	1.6	100.5	3880	42.2				
Q017106		7.5	1700	1.9	198.5	7260	64.6				
Q017107		5.4	1160	1.2	79.1	3070	55.4				
Q017108		4.6	617	1.8	61.2	1720	73.9				
Q017109		5.9	753	3.2	20.8	120	90.3				
Q017110		6.9	968	2.0	20.2	148	48.3				
Q017111		2.6	69	0.2	13.7	138	12.4				
Q017112		9.4	799	4.0	134.5	>10000	52.5		1.300	2.74	
Q017113		7.1	737	4.5	160.0	>10000	56.4		1.325	1.905	
Q017114		7.8	700	3.6	127.0	>10000	75.3		1.160	1.130	
Q017115		7.0	922	4.6	118.5	>10000	59.3		1.275	1.700	
Q017116		10.1	2270	3.9	146.0	>10000	53.5		1.075	1.690	
Q017117		7.2	2120	1.6	40.3	835	66.8				
Q017118		24.5	2560	5.2	80.8	1510	46.0	1.720			
Q017119		49.0	5390	6.0	206	3300	55.1	2.61			138.0
Q017120		18.3	3170	6.0	68.1	1060	45.4				
Q017121		4.7	682	2.4	26.3	477	11.5				
Q017122		11.6	942	2.9	47.5	180	43.9				
Q017123		6.7	673	2.5	18.5	40	50.0				

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

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

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

Finalized Date: 19- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101205

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	Hg- CV42
ME- MS61	ME- OG62	Pb- OG62	PUL- 31
PUL- QC	Zn- OG62		

ALS Canada Ltd.

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

Finalized Date: 22- JUL- 2014
Account: RCM

CERTIFICATE WH14103097

Project: NADALEEN

P.O. No.: T14- 008

This report is for 5 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 22- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103097

Sample Description	Method	WEI-21	Au-AA26	Ag-OG62	Pb-OG62	As-OG62	Hg-CV42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Pb	As	Hg	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce
	Units	kg	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.02	0.01	1	0.001	0.001	0.1	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01
Q017124		0.99	<0.01					1.62	4.46	110.0	1580	1.24	0.19	0.27	0.33	55.4
Q017125		1.73	<0.01					0.81	5.23	235	2150	1.39	0.24	0.25	1.74	75.4
Q017126		0.60	0.05					45.6	14.25	6230	580	17.80	0.03	0.82	91.5	15.20
Q017127		1.29	<0.01					0.71	4.84	368	530	1.44	0.16	9.49	3.26	53.3
Q017128		0.82	0.01	152	7.43	1.475	127.0	>100	2.61	>10000	1040	0.70	0.18	0.41	41.5	47.5

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

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

Finalized Date: 22- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103097

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5
Q017124		0.8	75	9.95	26.9	0.88	14.40	0.18	2.4	2.27	0.034	1.64	34.6	13.2	0.32	21
Q017125		1.0	90	11.00	32.3	1.35	18.70	0.27	3.0	1.42	0.034	1.79	48.5	17.4	0.34	21
Q017126		2.5	37	1.50	102.0	4.99	3.56	0.26	0.3	69.7	0.010	0.15	14.8	11.4	0.07	19
Q017127		12.5	57	5.55	46.7	3.39	13.35	0.20	2.3	0.66	0.047	1.65	29.9	35.5	1.80	496
Q017128		0.3	101	1.91	195.0	7.60	6.13	0.23	1.5	>100	0.054	0.64	46.8	15.1	0.08	14

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

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

Finalized Date: 22- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103097

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05
Q017124		16.80	0.04	12.7	18.6	540	42.4	85.9	0.003	0.18	7.91	7.7	8	1.5	154.5	0.81
Q017125		12.10	0.04	21.6	26.0	840	58.9	92.4	0.005	0.28	5.67	7.1	5	1.9	196.0	1.33
Q017126		63.5	0.01	1.1	663	5390	3980	3.4	0.014	0.15	345	5.2	11	0.2	208	0.08
Q017127		7.21	0.30	12.5	62.9	840	222	76.6	0.002	0.04	4.54	10.7	2	1.5	215	0.81
Q017128		878	0.02	2.7	23.9	7120	>10000	23.4	0.033	1.17	334	4.9	43	1.2	332	0.20

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

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

Finalized Date: 22- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103097

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1	2	0.5
Q017124		0.16	8.6	0.296	6.57	5.6	616	3.6	16.1	27	90.7
Q017125		0.13	11.1	0.394	4.51	6.0	607	5.0	18.4	50	117.5
Q017126		<0.05	0.9	0.025	16.25	63.6	6980	5.2	153.5	3400	13.0
Q017127		0.07	7.4	0.359	2.13	3.2	234	1.2	20.4	402	85.8
Q017128		0.20	9.1	0.085	183.0	48.7	3700	3.6	15.3	1890	55.4

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

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

Finalized Date: 22- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103097

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	SPL- 21
WEI- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag- OG62	As- OG62	Au- AA26	Hg- CV41
Hg- CV42	ME- MS61	ME- OG62	Pb- OG62
PUL- 31	PUL- QC		

ALS Canada Ltd.

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

Finalized Date: 21- JUL- 2014
Account: RCM

CERTIFICATE WH14104126

Project: NADALEEN

P.O. No.: T14- 009

This report is for 32 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

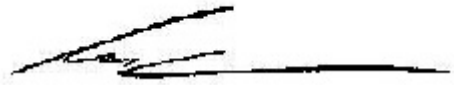
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104126

Sample Description	Method	WEI-21	Au-AA26	As-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	As	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q017129		1.09	<0.01		0.56	5.27	512	1020	1.08	0.23	0.96	0.20	61.4	1.2	79	15.30
Q017130		2.47	0.01		0.54	4.70	392	1360	1.00	0.25	0.26	0.12	61.0	1.0	67	14.80
Q017131		1.13	0.02		0.59	5.47	772	990	1.10	0.25	0.12	0.02	60.7	0.7	77	18.35
Q017132		3.19	0.01		0.55	4.76	2050	810	1.17	0.23	4.40	0.59	55.1	2.4	69	15.20
Q017133		0.20	<0.01	1.710	0.63	2.71	>10000	470	0.57	0.23	0.26	0.19	33.0	0.4	56	5.89
Q017134		1.27	0.01		0.61	5.18	2560	900	1.14	0.25	0.36	0.11	62.2	0.9	76	23.0
Q017135		1.16	0.01		0.51	5.51	1045	1080	1.28	0.28	0.36	0.10	61.1	0.9	80	19.90
Q017136		0.45	<0.01		0.65	4.82	1010	1120	1.10	0.20	0.11	0.03	53.4	0.6	74	13.55
Q017137		1.48	0.02		0.63	4.92	2460	1840	1.37	0.27	1.48	0.22	57.5	0.9	76	19.20
Q017138		1.03	0.96		1.01	4.81	1475	3330	1.13	0.23	0.62	0.11	54.8	0.8	70	18.10
Q017139		1.29	0.44		0.86	5.92	5940	5490	3.94	0.21	0.67	8.81	56.0	6.9	95	19.65
Q017140		0.67	2.07		0.86	3.37	7660	1070	2.00	0.13	0.57	9.89	33.5	2.6	78	11.95
Q017141		0.44	0.02		0.18	2.29	1035	370	2.91	0.02	31.3	5.55	8.02	7.0	8	2.13
Q017142		0.21	0.35	2.44	1.59	11.10	>10000	790	14.85	0.11	1.16	8.26	14.00	22.3	71	8.01
Q017143		0.59	0.12	1.500	1.73	7.82	>10000	2210	6.98	0.21	2.25	11.75	73.4	27.0	113	23.2
Q017144		0.74	0.12		0.99	6.36	7550	6400	6.27	0.18	6.40	5.11	46.6	16.4	87	18.35
Q017145		2.13	0.38		0.98	6.53	7570	1430	5.47	0.20	2.60	3.45	54.0	6.8	85	21.6
Q017146		0.85	0.13		0.76	7.70	861	1010	1.99	0.22	0.21	0.49	89.1	1.5	90	27.5
Q017147		1.13	0.12		0.77	5.50	1915	1080	2.11	0.19	9.99	1.16	81.3	3.0	74	16.30
Q017148		0.94	0.01		0.11	0.50	199.5	130	0.33	0.02	33.1	0.77	5.32	1.5	11	0.92
Q017149		1.47	<0.01		0.13	0.57	180.5	260	0.42	0.02	33.1	0.99	7.13	1.3	11	1.41
Q017150		2.05	<0.01		0.09	0.55	136.5	350	0.39	0.02	32.1	0.67	6.93	1.6	12	1.43
Q017151		2.74	<0.01		0.06	0.44	200	140	0.39	0.02	34.5	0.90	5.42	1.5	10	1.48
Q017152		2.32	<0.01		0.04	0.43	233	800	0.55	0.02	33.9	2.34	5.40	2.8	11	2.67
Q017153		0.63	<0.01		0.02	0.40	191.5	130	0.42	0.01	33.6	1.96	2.18	4.4	9	1.47
Q017154		0.95	<0.01		0.04	0.45	105.5	190	0.24	0.02	33.9	0.74	5.56	1.6	11	1.03
Q017155		1.40	<0.01		0.03	0.32	86.3	830	0.20	0.02	33.3	0.73	4.33	1.2	10	0.69
Q017156		2.18	<0.01		0.09	0.65	179.0	290	0.45	0.03	32.9	3.09	7.91	2.4	15	2.05
Q017157		0.84	<0.01		0.16	0.90	189.5	220	0.54	0.03	31.1	2.27	11.50	2.3	21	1.81
Q017158		1.18	<0.01		0.04	0.32	60.7	110	0.19	0.02	32.6	0.42	4.35	0.9	10	0.77
Q017159		0.60	<0.01		0.07	0.36	115.0	90	0.20	0.02	22.1	0.86	4.64	1.2	11	0.88
Q017160		0.71	<0.01		0.15	0.61	500	830	0.58	0.03	28.4	3.36	7.75	2.9	14	1.99

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Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104126

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
Q017129		16.3	0.96	18.90	0.11	3.0	1.03	0.074	2.09	34.3	13.6	0.41	33	5.97	0.03	19.5
Q017130		16.6	1.37	15.10	0.11	2.9	1.56	0.052	2.13	34.0	10.9	0.36	19	7.34	0.03	19.9
Q017131		14.6	1.29	16.15	0.14	2.8	0.53	0.032	2.43	32.2	13.5	0.38	19	8.19	0.03	18.5
Q017132		14.6	1.99	13.85	0.10	2.9	1.85	0.032	2.13	31.2	10.8	0.39	50	8.39	0.03	17.9
Q017133		14.9	7.38	7.99	0.11	1.6	1.80	0.054	1.30	19.3	6.0	0.16	18	14.90	0.02	13.2
Q017134		13.7	2.37	15.65	0.12	3.1	3.91	0.056	2.50	34.8	11.5	0.37	17	32.1	0.03	20.3
Q017135		14.5	1.90	15.05	0.12	3.1	0.87	0.041	2.65	33.4	12.2	0.41	18	6.98	0.03	20.9
Q017136		12.9	3.07	13.90	0.11	2.8	0.40	0.026	2.62	30.0	12.4	0.36	12	16.05	0.03	21.5
Q017137		25.1	2.02	15.95	0.12	3.0	0.62	0.054	2.36	32.0	14.6	0.42	26	7.41	0.04	18.1
Q017138		21.6	1.58	15.00	0.11	2.7	8.21	0.036	2.12	31.2	13.9	0.34	29	9.83	0.01	18.7
Q017139		201	9.15	14.40	0.16	1.9	1.29	0.077	2.14	26.0	20.9	0.33	81	10.25	0.02	11.6
Q017140		146.0	9.38	11.35	0.12	1.4	1.00	0.053	1.60	16.3	13.7	0.21	76	14.35	0.02	7.5
Q017141		56.8	1.14	1.42	0.05	0.2	0.31	<0.005	0.19	3.7	9.0	0.13	146	0.72	0.01	0.8
Q017142		634	8.74	8.33	0.10	1.0	2.42	0.063	0.82	5.4	34.4	0.18	488	5.27	0.05	3.9
Q017143		321	12.70	18.00	0.27	1.9	3.34	0.070	1.94	33.9	52.5	0.49	398	5.47	0.11	8.9
Q017144		271	5.83	13.30	0.20	1.7	1.16	0.065	1.51	20.7	35.3	0.31	189	3.76	0.04	8.8
Q017145		157.5	4.46	15.05	0.21	2.3	1.03	0.063	1.82	21.7	25.3	0.31	131	4.82	0.04	12.3
Q017146		43.7	1.08	17.65	0.24	2.8	0.80	0.055	2.51	40.2	21.6	0.39	28	0.56	0.03	16.7
Q017147		81.7	2.23	14.20	0.23	2.2	0.80	0.065	1.82	36.2	15.9	0.42	92	1.94	0.04	11.6
Q017148		7.2	0.28	1.23	0.12	0.2	0.33	0.005	0.20	3.1	1.8	0.58	112	0.47	0.01	0.8
Q017149		8.0	0.40	1.41	0.11	0.2	0.38	0.006	0.21	4.3	2.7	0.37	149	0.58	0.02	1.0
Q017150		6.7	0.46	1.45	0.12	0.3	0.19	0.006	0.21	4.3	2.7	1.25	133	0.62	0.02	1.0
Q017151		7.2	0.43	1.08	0.12	0.2	0.12	0.006	0.17	3.8	2.0	0.23	128	0.72	0.01	0.7
Q017152		9.9	0.66	1.10	0.11	0.2	0.10	0.005	0.15	3.6	2.1	0.19	252	0.99	0.01	0.8
Q017153		17.4	0.59	0.59	0.09	0.1	0.07	<0.005	0.09	1.4	1.8	0.15	187	0.50	0.01	0.3
Q017154		5.3	0.40	1.09	0.11	0.2	0.08	0.006	0.16	3.7	2.3	0.80	93	0.52	0.03	0.8
Q017155		4.2	0.29	0.85	0.12	0.1	0.06	<0.005	0.11	2.9	2.0	0.73	71	0.41	0.02	0.7
Q017156		6.5	0.64	1.69	0.11	0.3	0.17	0.006	0.22	5.0	3.5	0.21	150	0.87	0.05	1.3
Q017157		6.6	0.72	2.30	0.12	0.4	0.14	0.008	0.29	7.0	4.8	0.26	202	0.99	0.08	1.9
Q017158		3.0	0.21	0.81	0.13	0.1	0.10	<0.005	0.12	3.2	1.9	1.65	80	0.32	0.03	0.6
Q017159		4.6	0.35	0.96	0.15	0.1	0.07	0.005	0.12	2.7	2.9	9.64	124	0.56	0.03	0.6
Q017160		6.9	1.05	1.66	0.13	0.3	0.14	0.005	0.22	5.0	3.6	3.29	259	1.26	0.03	1.1

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CERTIFICATE OF ANALYSIS WH14104126

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
Q017129		19.3	410	18.9	94.8	0.006	0.11	13.10	7.3	3	1.7	115.0	1.13	0.07	7.9	0.388
Q017130		17.1	500	17.3	96.7	0.006	0.31	53.8	7.6	4	1.8	115.5	1.13	0.11	8.1	0.399
Q017131		15.4	380	17.6	103.0	0.008	0.25	15.40	7.5	3	1.7	89.0	1.06	0.07	9.3	0.379
Q017132		46.6	740	16.9	91.2	0.006	0.22	21.4	8.6	4	1.8	82.0	1.05	0.08	7.5	0.342
Q017133		9.4	>10000	9.0	46.7	0.007	1.12	27.6	4.9	8	0.9	36.4	0.76	0.06	6.9	0.213
Q017134		17.5	1100	28.2	104.5	0.012	0.60	26.5	9.7	5	1.9	99.6	1.18	0.10	9.9	0.379
Q017135		15.3	990	18.1	108.5	0.008	0.44	8.30	9.5	3	1.8	119.0	1.20	0.09	9.4	0.402
Q017136		13.5	890	20.2	102.5	0.008	0.96	9.23	6.6	4	1.7	101.5	1.26	0.08	10.8	0.372
Q017137		15.9	900	19.6	107.5	0.006	0.50	5.27	8.8	5	1.8	108.5	1.07	0.12	9.1	0.359
Q017138		11.8	1120	29.5	94.5	0.007	0.35	6.84	6.4	4	1.8	98.5	1.10	0.08	7.2	0.347
Q017139		105.5	2280	62.6	87.7	0.002	0.40	8.93	8.7	3	1.6	535	0.69	0.08	8.2	0.255
Q017140		21.8	1220	99.4	56.9	<0.002	0.72	10.05	5.2	2	1.2	212	0.45	0.05	7.0	0.168
Q017141		101.0	720	15.4	8.5	<0.002	0.01	0.47	5.2	2	0.2	136.5	0.05	<0.05	0.8	0.020
Q017142		287	5290	47.0	26.0	<0.002	0.03	3.41	14.5	4	0.8	85.9	0.27	<0.05	3.1	0.103
Q017143		264	2440	58.8	103.5	<0.002	0.13	5.13	14.6	4	1.7	196.0	0.60	0.05	8.8	0.252
Q017144		211	2170	63.3	56.7	<0.002	0.20	4.29	10.9	4	1.5	221	0.57	0.07	6.0	0.214
Q017145		115.5	3040	89.4	74.5	<0.002	0.08	5.61	8.9	3	1.7	674	0.81	0.08	6.9	0.250
Q017146		36.8	770	77.1	122.0	<0.002	0.02	0.69	9.6	1	2.0	282	1.05	<0.05	9.3	0.347
Q017147		48.8	1750	79.4	86.3	<0.002	0.12	2.86	7.7	2	1.5	717	0.77	0.06	7.8	0.258
Q017148		5.3	290	7.3	8.6	<0.002	0.03	0.70	1.0	1	0.2	226	0.05	<0.05	0.7	0.024
Q017149		7.0	210	15.9	9.7	<0.002	0.01	1.11	1.7	<1	0.2	180.0	0.06	<0.05	0.8	0.029
Q017150		7.9	240	14.1	9.6	<0.002	<0.01	1.34	1.4	1	0.2	204	0.07	<0.05	0.9	0.031
Q017151		10.0	200	13.4	7.6	<0.002	0.01	1.08	1.1	1	0.2	156.5	0.05	<0.05	0.7	0.022
Q017152		17.3	240	5.6	7.4	<0.002	0.02	0.89	1.2	1	0.2	95.6	0.05	<0.05	0.7	0.023
Q017153		16.5	120	4.5	4.2	<0.002	<0.01	0.42	0.6	<1	<0.2	106.0	<0.05	<0.05	0.3	0.009
Q017154		7.1	160	4.7	7.0	<0.002	0.02	0.48	1.0	1	<0.2	193.5	0.05	<0.05	0.7	0.026
Q017155		6.2	110	4.6	5.2	<0.002	0.03	0.33	0.8	<1	<0.2	138.5	<0.05	<0.05	0.5	0.020
Q017156		18.8	210	12.0	10.7	<0.002	0.01	0.70	1.9	1	0.2	222	0.09	<0.05	1.1	0.039
Q017157		20.7	250	15.2	14.4	<0.002	<0.01	0.96	2.4	1	0.3	177.0	0.12	<0.05	1.5	0.055
Q017158		5.1	80	3.6	5.3	<0.002	<0.01	0.27	0.7	1	<0.2	160.5	<0.05	<0.05	0.5	0.019
Q017159		10.3	170	2.9	5.9	<0.002	<0.01	0.44	0.8	1	<0.2	119.0	<0.05	<0.05	0.5	0.018
Q017160		43.7	230	8.2	10.6	<0.002	0.01	1.12	1.6	<1	0.2	167.0	0.07	<0.05	1.0	0.032

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CERTIFICATE OF ANALYSIS WH14104126

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.1	1	0.1	0.1	2	0.5
Q017129		6.66	4.2	334	4.7	15.3	34	121.5
Q017130		13.05	3.8	312	4.3	15.5	17	127.0
Q017131		2.78	3.7	307	4.9	13.9	9	114.0
Q017132		2.60	3.8	297	4.5	14.5	160	113.5
Q017133		4.28	2.9	423	2.1	8.7	23	68.0
Q017134		8.01	4.4	346	5.5	14.3	24	122.0
Q017135		2.88	3.7	350	5.7	15.5	19	125.5
Q017136		4.54	3.6	343	6.5	13.8	9	94.2
Q017137		2.52	3.4	318	4.8	13.8	18	116.5
Q017138		6.50	4.2	368	9.8	12.0	16	110.0
Q017139		2.67	5.1	402	8.3	33.8	425	75.4
Q017140		2.84	6.4	292	8.6	11.4	373	57.9
Q017141		0.27	2.7	45	0.5	65.7	457	9.9
Q017142		1.15	19.3	865	3.0	67.6	2390	39.3
Q017143		2.54	8.8	455	3.3	82.2	1580	69.6
Q017144		1.81	6.7	396	4.8	81.4	1120	65.0
Q017145		1.33	6.6	326	8.5	40.1	480	85.3
Q017146		1.20	4.2	311	8.7	25.4	81	109.0
Q017147		1.23	4.1	254	7.3	25.5	180	80.0
Q017148		0.26	1.5	15	0.8	5.3	62	6.8
Q017149		0.19	2.4	20	0.6	8.3	86	8.2
Q017150		0.20	1.5	17	0.7	6.9	80	8.8
Q017151		0.14	1.7	13	0.6	9.3	70	6.7
Q017152		0.21	2.8	19	0.4	9.7	105	7.8
Q017153		0.11	1.8	17	0.2	7.3	140	4.2
Q017154		0.11	0.8	13	0.3	6.6	51	6.6
Q017155		0.08	0.6	10	0.2	5.4	37	5.4
Q017156		0.18	1.3	24	0.4	9.3	104	10.5
Q017157		0.24	1.5	36	0.5	11.5	100	14.6
Q017158		0.08	0.6	10	0.2	6.4	26	4.8
Q017159		0.14	0.7	14	0.2	4.2	50	4.7
Q017160		0.37	1.4	31	0.7	11.5	124	10.2

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

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104126

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	SPL- 21
WEI- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	PUL- 31	PUL- QC	

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

Finalized Date: 31- JUL- 2014
Account: RCM

CERTIFICATE WH14107831

Project: NADALEEN

P.O. No.: T14- 010

This report is for 32 Rock samples submitted to our lab in Whitehorse, YT, Canada on 12- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

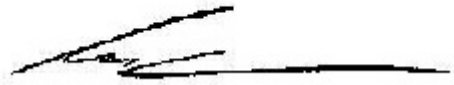
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- XRF10	Fusion XRF - Ore Grade	XRF
OA- GRA06	LOI for ME- XRF06	WST- SIM
Ba- XRF10	Fusion XRF - Ba Ore Grade	XRF
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14107831

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017161		0.89	<0.01	0.19	0.79	176.0	300	0.50	0.04	30.1	1.62	9.61	1.7	11	1.86	9.2
Q017162		0.84	<0.01	0.66	2.03	165.0	1070	0.83	0.10	22.5	2.70	24.9	4.0	35	3.38	38.9
Q017163		1.87	0.01	0.83	3.14	333	1460	1.14	0.14	16.90	3.26	37.3	5.6	48	6.19	32.6
Q017164		1.30	<0.01	0.23	0.54	249	1280	0.48	0.04	27.9	2.38	6.53	1.7	5	1.57	6.6
Q017165		0.82	<0.01	0.11	0.25	113.5	580	0.32	0.02	31.9	1.60	3.97	0.9	3	0.44	3.3
Q017166		0.93	0.01	0.26	0.84	190.0	260	0.51	0.04	31.4	3.24	9.92	1.9	9	1.88	7.4
Q017167		1.12	0.01	0.35	1.17	261	720	0.56	0.05	28.9	2.78	12.90	2.3	13	3.24	9.4
Q017168		0.89	<0.01	1.16	0.26	982	7140	0.80	0.02	35.9	13.50	4.62	3.8	5	1.15	20.5
Q017169		1.19	0.01	0.48	3.11	826	1750	1.30	0.13	28.5	5.96	35.2	5.6	30	12.80	17.7
Q017170		2.29	0.02	0.72	1.67	413	3430	0.87	0.08	30.6	2.42	18.00	3.4	17	6.86	12.5
Q017171		0.95	<0.01	0.22	0.53	225	160	0.50	0.03	31.5	1.30	6.29	1.3	5	1.94	4.1
Q017172		1.24	0.01	0.38	0.86	245	190	0.47	0.04	25.9	2.15	9.46	1.4	8	2.71	4.9
Q017173		1.39	0.02	1.24	1.27	1035	>10000	1.49	0.07	29.1	2.64	13.45	4.9	21	10.35	15.5
Q017174		0.94	<0.01	0.71	0.31	2470	6500	0.90	0.02	32.3	3.35	5.02	6.3	7	3.19	3.1
Q017175		1.81	0.02	4.71	5.22	2530	1570	2.79	0.17	12.35	3.96	63.8	9.5	68	17.70	49.4
Q017176		1.68	0.03	10.25	6.73	835	910	2.16	0.37	0.45	2.43	75.7	6.9	97	18.50	88.3
Q017177		1.97	0.11	8.76	6.93	602	990	1.89	0.27	0.40	1.13	79.2	5.5	100	22.5	64.8
Q017178		0.91	0.18	7.36	6.00	2580	6470	1.91	0.27	0.40	5.24	68.1	6.8	107	14.30	119.0
Q017179		2.37	1.15	9.09	6.04	2290	2550	2.23	0.31	0.26	4.28	72.2	11.8	99	16.60	116.5
Q017180		1.07	0.36	5.93	6.47	1825	1410	2.42	0.26	1.53	4.16	72.5	9.9	98	18.15	103.5
Q017181		1.08	0.55	4.35	6.22	1830	1160	2.32	0.27	2.14	3.42	69.3	7.9	89	17.60	94.8
Q017182		1.78	0.10	3.97	5.64	1005	1300	2.21	0.25	5.30	3.84	64.8	10.4	80	17.00	81.6
Q017183		2.18	0.07	4.54	5.24	1440	1170	2.33	0.25	5.47	5.10	59.0	11.8	74	20.5	90.8
Q017184		1.50	0.03	3.55	5.55	923	960	2.83	0.25	2.84	3.18	62.5	11.6	79	26.6	79.2
Q017185		1.15	0.01	4.67	6.30	908	1080	3.35	0.29	0.27	2.71	67.8	10.8	94	31.9	88.0
Q017186		1.30	0.02	4.29	6.36	1005	1160	2.69	0.29	1.42	2.08	71.3	9.2	97	27.4	73.1
Q017187		1.47	0.09	6.18	5.67	556	970	2.09	0.22	6.75	1.63	63.6	6.3	73	19.60	35.8
Q017188		0.66	0.08	2.06	1.02	286	260	0.53	0.05	24.6	3.73	10.50	12.3	12	3.11	12.5
Q017189		1.26	0.02	11.75	5.57	754	1010	3.38	0.24	5.36	3.98	63.1	13.5	78	23.6	119.0
Q017190		1.82	0.05	4.87	3.30	340	780	1.72	0.13	17.95	2.79	38.1	6.6	39	10.90	34.6
Q017191		0.51	0.02	1.59	0.61	117.0	620	0.90	0.03	34.2	1.66	8.67	2.2	11	3.32	9.1
Q017192		0.77	<0.01	4.84	5.99	2900	2390	3.92	0.24	0.86	6.13	68.0	13.6	93	30.5	51.5

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

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

Finalized Date: 31- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14107831

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017161		0.59	2.17	0.09	0.3	0.18	0.008	0.28	5.2	4.0	3.01	292	1.06	0.05	1.6	12.2
Q017162		1.47	6.28	0.11	1.1	0.37	0.029	0.68	12.0	9.2	2.61	490	2.83	0.11	5.8	16.8
Q017163		1.90	8.72	0.14	1.4	0.55	0.025	1.08	19.7	14.6	1.61	352	3.34	0.16	7.8	35.6
Q017164		0.54	1.53	0.10	0.2	0.17	<0.005	0.21	3.5	2.4	4.94	230	1.47	0.02	1.0	14.4
Q017165		0.25	0.73	0.11	0.1	0.09	<0.005	0.11	2.1	1.2	3.96	156	0.46	0.01	0.3	4.2
Q017166		0.60	2.30	0.10	0.3	0.20	0.011	0.32	4.9	4.5	2.14	198	0.66	0.04	1.7	10.8
Q017167		0.72	3.04	0.12	0.5	0.19	0.011	0.42	6.5	6.3	3.75	194	0.79	0.05	2.1	15.4
Q017168		1.30	0.98	0.10	0.2	0.46	<0.005	0.10	4.3	1.2	0.13	379	4.04	0.02	0.4	69.0
Q017169		1.94	7.81	0.13	1.1	0.26	0.027	1.37	18.2	11.6	0.88	263	3.16	0.05	5.3	53.5
Q017170		1.01	4.37	0.11	0.6	0.31	0.013	0.65	9.2	8.2	1.47	224	1.55	0.06	2.8	36.5
Q017171		0.44	1.48	0.08	0.2	0.14	<0.005	0.23	3.4	1.8	3.65	257	0.82	0.01	0.7	8.3
Q017172		0.57	2.33	0.09	0.4	0.92	0.007	0.36	5.4	3.7	7.20	192	0.81	0.02	1.6	9.2
Q017173		1.71	3.90	0.12	0.5	0.69	0.020	0.42	8.8	7.7	1.97	632	28.0	0.03	2.5	64.9
Q017174		2.91	1.08	0.09	0.2	2.13	<0.005	0.10	4.5	1.2	0.25	772	28.2	0.01	0.6	124.0
Q017175		3.47	15.00	0.19	2.4	1.72	0.034	2.10	35.0	12.2	0.35	502	23.3	0.03	14.2	85.8
Q017176		2.29	19.35	0.19	2.9	7.16	0.051	2.90	37.0	15.8	0.40	101	3.98	0.03	18.9	45.8
Q017177		1.66	19.95	0.20	3.2	5.65	0.044	3.09	39.1	15.1	0.38	75	2.92	0.03	21.2	29.2
Q017178		3.92	17.00	0.19	2.4	10.3	0.085	2.46	43.0	11.2	0.26	225	75.2	0.03	14.5	69.1
Q017179		3.62	17.45	0.18	2.7	12.2	0.051	2.60	35.2	12.3	0.33	148	6.12	0.03	17.4	61.1
Q017180		3.15	18.60	0.19	2.8	7.03	0.061	2.89	35.3	11.9	0.77	169	5.03	0.03	18.0	43.9
Q017181		2.83	17.20	0.17	2.8	5.27	0.059	2.60	34.0	14.6	1.08	193	4.16	0.03	17.8	48.7
Q017182		3.01	15.75	0.17	2.6	2.95	0.070	2.27	32.0	15.1	1.29	237	4.79	0.05	15.6	59.7
Q017183		3.59	14.15	0.19	2.3	2.71	0.060	2.05	29.0	16.3	0.90	304	4.83	0.06	14.1	68.1
Q017184		3.70	15.20	0.16	2.6	1.67	0.063	2.31	30.7	17.6	1.16	256	6.13	0.05	15.4	72.2
Q017185		3.67	17.55	0.19	2.7	2.25	0.051	2.71	34.0	13.8	0.42	274	6.42	0.03	18.0	63.8
Q017186		3.50	18.00	0.19	2.8	1.57	0.061	2.77	35.6	13.9	0.76	334	5.25	0.03	17.4	50.5
Q017187		2.16	16.10	0.17	2.6	2.17	0.040	2.42	32.0	13.4	1.97	299	2.27	0.03	15.4	28.7
Q017188		0.96	2.72	0.09	0.5	0.71	0.010	0.39	5.8	3.7	6.52	696	0.72	0.01	2.2	32.8
Q017189		2.99	15.60	0.16	2.5	2.70	0.057	2.36	30.5	14.0	1.53	278	4.71	0.03	15.2	69.5
Q017190		1.38	9.13	0.14	1.6	1.13	0.031	1.32	19.9	10.8	2.66	398	2.08	0.05	8.4	35.5
Q017191		0.29	1.72	0.10	0.3	0.76	0.015	0.20	7.0	4.4	0.26	828	0.42	0.01	1.3	12.9
Q017192		5.19	17.20	0.20	2.6	1.43	0.035	2.41	35.2	24.8	0.32	581	15.90	0.02	16.1	82.5

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

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14107831

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017161		260	10.4	12.4	0.002	0.01	0.91	2.9	1	0.3	182.5	0.10	<0.05	1.1	0.047	0.24
Q017162		470	12.9	30.2	0.002	0.06	1.97	5.4	3	0.7	164.0	0.33	<0.05	2.7	0.153	0.63
Q017163		680	23.9	51.3	0.002	0.05	2.78	6.1	3	1.0	288	0.48	0.05	4.4	0.201	0.78
Q017164		210	14.9	8.5	<0.002	0.02	2.14	1.5	1	0.2	160.0	0.06	<0.05	0.8	0.029	0.15
Q017165		130	7.2	4.1	<0.002	<0.01	0.54	0.9	1	<0.2	158.0	<0.05	<0.05	0.3	0.011	0.05
Q017166		270	18.0	13.5	<0.002	<0.01	1.18	2.1	1	0.3	184.5	0.11	<0.05	1.2	0.051	0.20
Q017167		310	17.7	17.9	<0.002	0.01	1.16	2.8	1	0.4	172.0	0.14	<0.05	1.6	0.065	0.33
Q017168		140	43.4	4.0	0.002	0.19	6.23	3.9	3	<0.2	141.5	<0.05	<0.05	0.4	0.011	0.41
Q017169		840	22.4	58.0	<0.002	0.03	3.04	6.1	2	1.1	168.0	0.35	<0.05	4.2	0.175	0.65
Q017170		420	24.6	26.6	<0.002	0.08	1.83	3.8	1	0.5	208	0.18	<0.05	2.3	0.087	0.52
Q017171		330	10.3	8.5	<0.002	<0.01	1.24	1.6	1	0.3	258	<0.05	<0.05	0.8	0.023	0.19
Q017172		250	40.4	13.9	<0.002	<0.01	1.71	1.7	1	0.3	161.0	0.10	<0.05	1.2	0.051	0.22
Q017173		640	95.0	19.1	0.002	0.28	10.75	4.4	2	0.5	202	0.15	<0.05	1.7	0.069	0.63
Q017174		260	55.5	4.5	<0.002	0.20	6.70	4.2	1	<0.2	127.5	<0.05	<0.05	0.4	0.017	0.65
Q017175		1250	137.5	94.0	<0.002	0.04	13.30	9.4	2	1.7	260	0.84	0.06	6.9	0.299	6.04
Q017176		980	96.4	128.0	0.003	0.04	17.55	12.3	3	2.2	259	1.16	0.10	9.4	0.417	6.91
Q017177		810	58.5	134.0	0.002	0.13	8.81	10.5	3	2.2	322	1.24	0.10	9.5	0.438	13.80
Q017178		1270	180.0	100.5	0.006	0.19	53.5	15.3	3	2.1	291	0.92	0.14	8.0	0.345	15.45
Q017179		1050	117.0	115.0	0.002	0.17	24.4	12.2	4	2.2	257	1.08	0.14	8.7	0.378	29.2
Q017180		910	39.1	127.0	0.003	0.15	10.30	12.0	3	2.1	223	1.08	0.09	9.0	0.403	9.64
Q017181		930	31.2	113.0	0.002	0.06	8.85	11.0	2	2.0	225	1.08	0.10	8.5	0.389	6.32
Q017182		1070	57.6	102.0	0.002	0.05	9.95	11.5	3	1.7	235	0.96	0.10	7.8	0.354	2.70
Q017183		1190	61.1	89.9	<0.002	0.06	9.34	10.7	3	1.7	292	0.86	0.08	7.2	0.322	1.61
Q017184		980	64.5	102.0	<0.002	0.07	12.70	12.3	2	1.8	182.5	0.97	0.07	7.6	0.352	1.50
Q017185		930	52.6	123.5	<0.002	0.02	11.85	12.7	2	2.1	105.5	1.07	0.10	8.7	0.396	1.45
Q017186		820	69.6	124.0	<0.002	0.07	12.50	12.0	2	2.0	137.0	1.08	0.11	8.8	0.400	1.52
Q017187		830	51.4	107.5	<0.002	0.09	6.89	9.2	1	1.8	146.5	0.97	0.08	7.9	0.355	1.38
Q017188		350	38.2	15.7	<0.002	<0.01	2.65	4.6	1	0.4	168.5	0.14	<0.05	1.3	0.057	0.37
Q017189		1140	82.3	107.5	<0.002	0.09	14.35	11.6	4	1.7	263	0.91	0.11	7.2	0.342	1.34
Q017190		640	62.0	59.6	<0.002	0.02	8.50	7.1	2	1.1	143.5	0.52	<0.05	4.6	0.197	0.91
Q017191		390	24.1	8.9	<0.002	0.02	0.52	2.9	1	0.3	181.0	0.07	<0.05	0.9	0.034	0.24
Q017192		880	186.0	105.0	<0.002	0.05	84.2	15.7	1	2.1	164.5	1.00	0.12	8.4	0.370	2.10

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

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

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

Finalized Date: 31- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14107831

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Ba- XRF10
	Analyte	U	V	W	Y	Zn	Zr	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
Q017161		1.6	46	0.6	10.4	68	13.1	
Q017162		2.0	172	1.0	12.0	94	45.5	
Q017163		3.3	193	1.6	15.9	185	65.3	
Q017164		1.3	22	0.7	6.4	94	8.8	
Q017165		1.1	9	0.3	4.7	38	3.5	
Q017166		1.4	32	0.8	8.2	88	14.5	
Q017167		1.3	40	1.0	10.2	116	17.1	
Q017168		1.7	44	1.6	18.5	194	10.6	
Q017169		2.7	68	2.2	24.5	257	43.5	
Q017170		2.5	49	1.9	14.7	165	23.4	
Q017171		3.1	18	0.8	10.1	90	7.9	
Q017172		2.3	23	1.2	6.3	123	12.9	
Q017173		6.8	91	5.2	15.0	287	22.8	1.38
Q017174		9.6	54	1.7	13.7	427	8.1	
Q017175		7.0	322	17.0	35.9	438	100.5	
Q017176		4.0	433	23.0	26.5	255	120.0	
Q017177		4.0	467	20.8	22.8	114	125.5	
Q017178		7.9	439	25.2	30.1	484	107.5	
Q017179		4.6	401	17.6	27.1	361	114.5	
Q017180		4.4	417	14.4	29.0	228	118.0	
Q017181		4.4	383	15.6	35.9	256	126.0	
Q017182		4.1	328	10.4	35.8	375	108.0	
Q017183		3.9	297	9.9	35.1	413	96.4	
Q017184		3.7	320	11.2	31.0	394	104.5	
Q017185		3.9	389	10.1	31.5	343	119.5	
Q017186		3.7	396	9.5	24.2	374	115.5	
Q017187		3.5	328	10.4	22.0	338	104.5	
Q017188		1.6	55	2.3	10.8	722	16.8	
Q017189		3.8	332	9.6	32.7	598	104.5	
Q017190		3.6	180	7.1	20.8	270	61.7	
Q017191		6.7	45	3.0	15.4	80	11.5	
Q017192		3.7	394	31.7	25.2	834	114.5	

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14107831

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Ba- XRF10	Hg- CV41	ME- MS61
ME- XRF10	OA- GRA06		

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Finalized Date: 31- JUL- 2014
Account: RCM

CERTIFICATE WH14110039

Project: NADALEEN

P.O. No.: T14- 011

This report is for 29 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

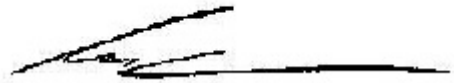
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 31- JUL- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110039

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017193		1.30	0.04	0.75	1.13	394	350	1.10	0.06	32.5	2.03	13.10	3.5	16	4.39	29.6
Q017194		0.44	0.04	0.76	1.72	592	530	0.94	0.06	29.4	8.35	16.30	14.0	18	6.05	21.2
Q017195		0.66	0.07	1.26	1.12	420	370	0.94	0.05	29.2	7.07	11.45	5.1	14	3.62	28.4
Q017196		0.77	0.06	0.53	0.82	190.0	230	0.44	0.04	25.4	3.10	9.49	3.4	12	1.92	9.6
Q017197		0.69	0.05	0.34	0.66	144.0	170	0.41	0.03	28.0	2.72	7.87	2.1	9	1.75	7.5
Q017198		0.96	0.22	0.33	0.73	220	260	0.42	0.06	26.9	2.78	8.11	2.3	9	1.61	7.0
Q017199		0.77	2.30	0.31	0.34	366	160	0.37	0.03	28.9	3.00	4.51	2.1	4	0.89	6.6
Q017200		0.75	0.04	0.27	0.57	237	510	0.44	0.03	28.5	4.51	7.21	3.2	7	1.35	8.2
Q017201		0.97	0.03	0.68	2.83	1285	1890	1.53	0.10	24.2	2.68	27.7	10.9	33	10.75	30.1
Q017202		0.82	0.07	0.45	0.92	212	690	0.51	0.04	28.0	3.08	9.61	4.7	12	2.03	13.0
Q017203		0.87	0.05	0.29	0.48	177.0	490	0.50	0.02	27.7	4.79	5.24	3.6	5	1.47	20.1
Q017204		0.88	0.02	0.17	0.33	68.5	240	0.23	0.02	28.3	1.81	3.96	1.5	5	0.63	5.1
Q017205		1.14	0.03	0.23	0.54	147.0	140	0.26	0.02	23.7	3.21	6.05	3.3	8	1.12	5.5
Q017206		0.80	0.02	0.31	0.50	93.4	200	0.28	0.02	25.7	1.44	5.99	1.8	7	1.02	4.5
Q017207		1.03	0.02	0.23	0.68	85.5	210	0.33	0.03	28.0	1.64	8.39	2.4	10	1.34	6.7
Q017208		0.96	0.04	0.21	0.49	73.3	140	0.26	0.02	27.5	1.15	6.30	1.8	8	1.10	4.7
Q017209		0.86	0.08	0.30	0.63	96.3	200	0.31	0.03	28.1	1.43	7.30	1.9	10	1.26	5.0
Q017210		1.16	0.03	0.34	1.05	252	940	0.49	0.05	27.8	4.28	12.15	7.6	14	3.03	8.1
Q017211		0.96	0.03	0.20	0.50	166.5	190	0.26	0.03	24.6	3.21	6.39	2.7	7	0.90	4.8
Q017212		0.79	0.02	0.16	0.27	191.0	160	0.20	0.02	24.1	1.40	3.92	1.7	4	0.56	3.5
Q017213		0.82	0.01	0.11	0.46	124.5	130	0.21	0.02	26.2	1.08	6.06	1.6	7	0.68	4.1
Q017214		1.06	0.02	0.16	0.59	319	260	0.30	0.02	24.0	1.15	6.96	1.8	9	1.47	5.5
Q017215		0.96	0.03	0.18	1.02	351	320	0.54	0.04	24.8	1.30	12.15	2.4	13	2.76	9.5
Q017216		2.34	0.01	0.16	0.66	106.0	310	0.25	0.03	27.1	1.12	7.80	1.7	10	0.95	6.2
Q017217		1.05	0.02	0.13	0.43	100.5	180	0.31	0.02	26.6	1.31	5.86	1.6	6	0.71	5.6
Q017218		0.88	0.02	0.22	1.10	191.0	400	0.43	0.05	25.9	1.24	12.40	5.6	13	1.59	15.5
Q017219		0.90	0.03	0.24	1.04	493	660	0.58	0.05	28.9	2.61	11.10	4.6	13	2.49	9.8
Q017220		0.91	0.01	0.52	4.45	53.3	1220	1.50	0.17	9.07	2.49	53.8	8.2	65	9.22	41.4
Q017221		0.57	0.39	0.29	0.22	498	420	0.33	0.02	33.5	4.56	2.76	5.5	4	0.52	3.9

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110039

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017193		0.86	2.95	0.20	0.5	0.56	0.009	0.38	9.8	7.5	0.86	780	1.07	0.03	2.2	26.1
Q017194		1.52	4.39	0.20	0.7	0.79	0.010	0.62	9.9	8.1	2.64	438	1.13	0.03	2.9	63.9
Q017195		0.93	2.67	0.16	0.4	1.32	0.008	0.36	6.8	7.5	4.12	315	0.88	0.04	1.9	34.4
Q017196		0.67	2.24	0.18	0.4	0.47	0.007	0.30	5.5	4.6	7.39	233	0.77	0.04	1.9	17.6
Q017197		0.45	1.77	0.19	0.3	0.23	<0.005	0.24	4.9	4.3	6.85	253	0.48	0.03	1.3	11.6
Q017198		0.56	1.98	0.21	0.3	0.23	<0.005	0.28	4.8	4.2	8.43	249	0.64	0.03	1.3	12.9
Q017199		0.64	0.98	0.18	0.2	0.29	<0.005	0.12	3.0	2.4	7.21	285	0.81	0.01	0.6	20.6
Q017200		0.60	1.52	0.18	0.3	0.14	0.006	0.21	4.4	3.5	6.20	217	0.79	0.03	1.2	17.5
Q017201		2.40	6.80	0.20	1.1	0.25	0.018	0.91	16.3	17.2	3.19	267	2.82	0.06	4.7	98.0
Q017202		0.74	2.20	0.14	0.4	0.34	0.005	0.33	6.0	5.2	4.51	336	0.85	0.06	1.8	20.6
Q017203		0.49	1.21	0.17	0.2	0.25	<0.005	0.16	3.7	3.0	7.08	260	0.52	0.02	0.9	18.9
Q017204		0.27	0.86	0.20	0.1	0.29	<0.005	0.11	2.8	2.3	6.60	137	0.33	0.03	0.7	6.6
Q017205		0.52	1.46	0.21	0.2	0.27	<0.005	0.17	3.8	3.5	10.60	189	0.55	0.05	1.1	14.6
Q017206		0.38	1.37	0.23	0.2	0.22	<0.005	0.17	3.9	3.6	9.01	155	0.34	0.03	1.0	9.7
Q017207		0.52	2.05	0.22	0.4	0.16	0.006	0.19	5.2	5.5	6.22	206	0.46	0.08	1.4	11.3
Q017208		0.33	1.38	0.21	0.2	0.29	<0.005	0.15	4.4	3.6	7.41	129	0.35	0.04	1.0	7.7
Q017209		0.41	1.65	0.19	0.3	0.36	0.006	0.20	4.8	4.0	7.03	211	0.54	0.05	1.3	9.5
Q017210		0.73	2.94	0.18	0.4	0.34	0.010	0.35	7.6	8.6	4.32	333	0.87	0.06	2.0	28.2
Q017211		0.50	1.34	0.20	0.3	0.35	<0.005	0.17	4.4	4.1	8.89	177	0.50	0.04	1.1	14.0
Q017212		0.30	0.80	0.22	0.1	0.26	0.005	0.08	3.7	2.2	8.96	153	0.39	0.02	0.6	9.3
Q017213		0.35	1.28	0.21	0.2	0.17	<0.005	0.16	5.1	3.3	7.49	143	0.38	0.04	0.9	7.8
Q017214		0.50	1.61	0.18	0.2	0.30	<0.005	0.20	4.8	4.4	9.35	150	0.56	0.04	1.1	12.5
Q017215		0.71	2.76	0.19	0.5	0.61	0.008	0.34	8.3	7.1	6.84	144	0.63	0.06	2.2	13.0
Q017216		0.45	1.74	0.20	0.3	0.20	0.005	0.20	5.7	3.6	6.34	130	0.58	0.10	1.4	10.0
Q017217		0.44	1.22	0.18	0.3	0.25	<0.005	0.14	4.1	2.7	6.12	162	0.77	0.05	1.0	11.4
Q017218		1.04	2.71	0.16	0.5	0.31	0.007	0.32	8.1	5.5	4.41	253	1.04	0.16	2.4	25.8
Q017219		1.23	2.83	0.16	0.4	1.00	0.006	0.35	7.0	5.8	2.53	372	4.65	0.08	2.1	48.5
Q017220		2.31	12.25	0.20	2.0	0.22	0.041	1.75	30.2	21.6	1.59	325	5.88	0.32	12.9	43.5
Q017221		0.89	0.68	0.13	0.1	1.27	<0.005	0.08	2.5	1.3	1.67	381	6.67	0.01	0.4	43.1

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Finalized Date: 31- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110039

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017193		420	30.7	19.3	0.003	<0.01	2.04	3.1	2	0.4	204	0.14	<0.05	1.8	0.055	0.59
Q017194		580	37.8	28.7	0.003	<0.01	1.39	4.0	1	0.6	302	0.17	<0.05	2.7	0.081	0.88
Q017195		430	128.5	17.7	0.003	<0.01	2.73	3.8	1	0.4	290	0.12	<0.05	1.6	0.052	0.54
Q017196		250	28.1	15.0	0.004	<0.01	1.28	3.1	1	0.3	193.0	0.11	<0.05	1.4	0.047	0.32
Q017197		180	24.6	11.9	0.002	<0.01	0.88	2.6	1	0.2	181.0	0.08	<0.05	1.1	0.034	0.23
Q017198		190	52.2	12.6	0.002	<0.01	2.97	2.6	1	0.2	193.5	0.08	<0.05	1.3	0.037	0.58
Q017199		180	25.7	5.7	0.002	<0.01	2.82	1.7	1	0.2	168.0	<0.05	<0.05	0.6	0.016	0.37
Q017200		220	23.5	9.8	0.003	<0.01	1.39	3.0	2	0.2	204	0.07	<0.05	1.1	0.031	0.75
Q017201		490	64.7	46.3	0.003	0.03	9.33	5.1	1	0.8	256	0.34	0.05	4.4	0.129	1.29
Q017202		260	21.4	14.5	0.002	<0.01	1.32	2.6	2	0.3	189.5	0.12	<0.05	1.5	0.053	0.42
Q017203		180	18.9	8.2	0.002	<0.01	0.91	2.1	1	0.2	153.5	0.07	<0.05	0.7	0.024	0.31
Q017204		120	8.4	5.2	0.003	<0.01	1.00	1.4	<1	0.2	166.5	0.05	<0.05	0.5	0.020	0.15
Q017205		210	19.5	8.7	0.002	<0.01	2.39	1.6	2	0.2	149.0	0.07	<0.05	0.8	0.032	0.25
Q017206		190	12.3	8.5	0.004	<0.01	0.85	1.4	1	0.2	177.0	0.06	<0.05	0.8	0.027	0.19
Q017207		180	13.7	10.6	0.002	<0.01	0.91	2.7	1	0.2	167.0	0.09	<0.05	1.2	0.043	0.17
Q017208		150	18.3	8.2	0.002	<0.01	1.85	2.1	1	0.2	168.5	0.07	<0.05	0.9	0.029	0.14
Q017209		190	35.6	9.9	0.004	<0.01	3.95	3.0	1	0.2	182.0	0.08	<0.05	1.0	0.036	0.25
Q017210		230	46.0	18.6	0.004	0.01	5.79	4.1	1	0.4	143.0	0.12	0.05	2.0	0.052	0.68
Q017211		160	38.1	8.4	0.002	<0.01	2.78	2.4	1	0.2	147.5	0.07	<0.05	0.9	0.030	0.33
Q017212		140	27.2	4.3	0.003	<0.01	2.71	1.2	1	<0.2	136.5	<0.05	<0.05	0.5	0.017	0.22
Q017213		200	14.8	7.5	0.004	<0.01	4.95	1.7	1	0.2	174.5	0.06	<0.05	0.8	0.028	0.16
Q017214		200	18.6	9.7	0.004	<0.01	1.91	2.3	1	0.2	159.0	0.08	<0.05	1.0	0.032	0.29
Q017215		230	28.6	17.1	0.004	<0.01	3.75	3.3	1	0.3	164.0	0.14	<0.05	1.7	0.060	0.38
Q017216		240	23.1	9.7	0.002	<0.01	2.13	2.0	1	0.2	160.0	0.09	<0.05	1.0	0.041	0.22
Q017217		170	15.7	7.0	0.003	<0.01	2.51	1.5	2	0.2	127.5	0.06	<0.05	0.8	0.026	0.24
Q017218		310	17.6	15.3	0.003	<0.01	2.51	3.2	1	0.3	159.0	0.16	<0.05	1.7	0.067	0.41
Q017219		330	38.3	16.7	0.007	0.01	4.80	4.4	1	0.3	169.0	0.12	<0.05	1.7	0.056	1.15
Q017220		840	17.2	85.6	0.005	0.06	4.67	9.1	2	1.4	266	0.76	<0.05	7.6	0.284	0.97
Q017221		240	46.6	3.5	0.030	0.04	8.97	1.7	2	<0.2	120.5	<0.05	<0.05	0.3	0.012	1.73

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

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

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

Finalized Date: 31- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110039

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q017193		4.6	57	1.7	17.3	202	16.9
Q017194		2.1	45	2.7	17.7	881	24.7
Q017195		1.9	49	1.3	19.5	391	15.7
Q017196		1.3	37	0.8	9.2	235	13.3
Q017197		1.4	24	0.6	9.6	121	10.1
Q017198		1.6	30	1.0	9.4	161	11.0
Q017199		1.8	22	0.7	9.1	287	5.9
Q017200		1.8	31	0.8	11.6	208	10.3
Q017201		2.2	140	2.4	16.0	586	36.8
Q017202		2.0	39	0.7	11.8	226	13.7
Q017203		2.0	23	0.4	14.7	234	8.0
Q017204		0.9	16	0.3	7.7	100	5.8
Q017205		1.4	23	0.4	7.7	154	11.4
Q017206		1.5	20	0.3	7.5	83	8.5
Q017207		1.7	25	0.4	8.0	83	11.5
Q017208		1.7	21	0.3	8.6	64	8.7
Q017209		3.1	26	0.5	8.7	113	9.4
Q017210		3.1	42	0.6	12.7	299	15.9
Q017211		2.3	25	0.3	9.3	172	9.0
Q017212		3.2	19	0.3	7.5	92	4.4
Q017213		3.2	21	0.2	8.5	69	7.4
Q017214		3.7	28	0.4	7.9	108	9.2
Q017215		3.4	36	0.7	9.7	97	15.6
Q017216		3.3	32	0.3	8.5	70	10.0
Q017217		4.1	27	0.4	7.6	113	9.0
Q017218		3.5	45	0.5	12.6	251	16.1
Q017219		3.4	49	0.9	12.8	251	16.0
Q017220		4.1	351	1.2	21.1	216	77.3
Q017221		6.2	28	0.8	10.0	243	5.2

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

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

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

Finalized Date: 31- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110039

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

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

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

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

Applies to Method:			
Au- AA26	Hg- CV41	ME- MS61	PUL- 31

ALS Canada Ltd.

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

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

Finalized Date: 5- AUG- 2014
Account: RCM

CERTIFICATE WH14114070

Project: NADALEEN

P.O. No.: T14 - 012

This report is for 7 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

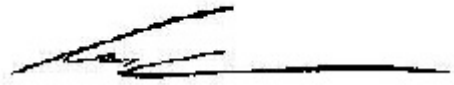
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 5- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14114070

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017222		1.23	0.02	1.14	2.46	604	1500	1.36	0.09	23.9	2.72	27.0	7.6	28	9.12	23.9
Q017223		0.63	0.03	0.83	1.17	338	920	0.78	0.05	27.6	3.30	14.05	3.7	13	4.05	11.9
Q017224		1.49	0.06	3.85	2.18	1230	3740	1.63	0.07	25.7	4.16	23.3	6.7	26	9.34	20.9
Q017225		1.16	0.02	2.73	2.00	817	400	1.32	0.07	23.1	2.49	22.8	4.2	25	6.50	30.6
Q017226		0.70	0.02	7.45	4.12	2900	700	1.94	0.19	7.40	3.46	60.5	8.3	66	12.25	99.1
Q017227		1.88	0.02	10.60	6.00	1845	900	2.50	0.28	1.22	4.12	69.3	12.4	91	19.30	97.2
Q017228		2.87	0.02	11.30	6.43	1280	990	2.71	0.24	0.37	4.26	72.9	6.3	97	22.7	116.0

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

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

Finalized Date: 5- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14114070

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017222		1.58	6.51	0.09	0.9	0.67	0.018	0.87	14.5	16.6	3.50	352	1.90	0.06	4.1	56.1
Q017223		0.81	3.13	0.15	0.5	0.55	0.007	0.44	6.7	6.3	3.68	308	1.44	0.04	2.2	22.7
Q017224		1.98	5.68	0.12	0.9	1.71	0.020	0.80	13.3	10.6	1.93	533	6.30	0.04	3.7	53.2
Q017225		1.39	5.60	0.11	0.9	1.37	0.018	0.83	13.7	5.9	0.98	570	7.73	0.02	5.1	30.7
Q017226		4.82	10.85	0.12	2.1	3.36	0.047	1.81	32.3	9.7	0.25	521	16.30	0.02	16.6	69.8
Q017227		3.35	16.85	0.21	2.8	4.63	0.068	2.67	36.7	13.5	0.41	778	7.85	0.03	20.9	55.5
Q017228		3.17	17.50	0.23	2.8	6.51	0.063	2.84	37.6	14.4	0.37	154	5.57	0.03	20.8	40.7

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

ALS Canada Ltd.
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VANCOUVER BC V6B 1L8

Finalized Date: 5- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14114070

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017222		490	53.0	43.5	<0.002	0.03	2.44	5.1	2	0.7	240	0.27	0.05	3.8	0.122	1.20
Q017223		360	33.2	21.1	<0.002	0.02	1.72	3.0	1	0.4	185.0	0.14	<0.05	1.8	0.060	0.59
Q017224		690	92.6	36.8	<0.002	0.10	4.63	5.8	2	0.7	157.0	0.24	0.06	3.2	0.109	1.14
Q017225		510	35.0	38.2	<0.002	0.01	4.80	4.6	1	0.6	133.0	0.32	0.06	3.3	0.111	1.07
Q017226		1170	139.0	78.5	<0.002	0.11	29.1	8.5	3	1.3	273	0.94	0.14	6.8	0.267	9.02
Q017227		1330	124.5	121.5	<0.002	0.07	18.75	12.8	3	2.0	136.5	1.16	0.13	11.0	0.378	17.65
Q017228		990	96.0	126.0	<0.002	0.09	12.50	12.4	3	2.0	175.5	1.13	0.13	11.2	0.390	7.94

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

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

Finalized Date: 5- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14114070

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q017222		2.3	83	2.2	14.6	396	38.2
Q017223		1.6	43	1.5	11.5	200	18.7
Q017224		6.0	91	4.2	19.7	374	36.5
Q017225		5.7	112	5.0	17.1	210	39.8
Q017226		4.2	373	11.8	28.0	565	95.0
Q017227		4.6	433	18.0	30.3	401	122.0
Q017228		3.8	416	19.4	31.0	246	119.5

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

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

Finalized Date: 5- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14114070

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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

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

Finalized Date: 9- AUG- 2014
Account: RCM

CERTIFICATE WH14115500

Project: Nadeleen

P.O. No.: R14- 013

This report is for 60 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

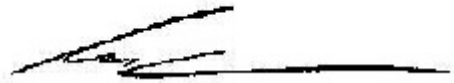
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017229		2.90	<0.01	0.05	0.18	108.5	120	0.21	0.01	37.0	0.71	2.01	1.3	2	0.37	5.0
Q017230		3.09	0.02	0.21	0.76	360	200	0.70	0.04	31.4	2.00	7.64	2.8	7	1.29	12.2
Q017231		3.98	0.55	1.03	5.34	3620	2540	4.66	0.18	6.49	4.50	50.7	6.6	80	12.40	122.5
Q017232		2.15	0.38	0.83	4.96	4780	610	1.14	0.23	1.18	0.65	58.8	0.9	84	15.35	38.4
Q017233		3.96	0.46	0.80	5.20	1075	1470	1.43	0.26	0.85	0.37	69.8	1.0	80	21.8	25.6
Q017234		3.81	0.09	0.58	4.70	2210	2100	1.19	0.26	2.18	0.36	69.1	1.2	77	21.0	21.3
Q017235		1.20	0.05	0.48	1.22	338	250	0.52	0.05	30.6	2.67	13.85	3.9	19	1.22	9.3
Q017236		0.62	0.04	0.55	1.24	235	210	0.60	0.05	28.3	2.36	13.30	3.6	22	1.00	10.1
Q017237		0.75	0.05	0.50	1.48	295	220	0.57	0.05	27.1	6.47	16.00	4.4	20	1.24	12.0
Q017238		2.01	0.09	0.55	1.68	350	300	0.61	0.05	29.1	3.16	17.70	3.9	21	1.47	12.6
Q017239		2.60	0.01	0.20	4.17	91.2	630	1.11	0.13	10.45	2.09	44.2	9.5	51	3.54	22.8
Q017240		2.20	0.01	0.18	4.06	57.9	600	1.08	0.12	12.80	1.04	42.6	8.7	48	3.60	22.7
Q017241		0.80	0.01	0.15	3.39	48.0	600	0.92	0.10	17.40	0.88	35.9	7.3	45	2.70	18.3
Q017242		1.70	<0.01	0.19	5.21	33.2	610	1.28	0.17	5.32	0.77	53.3	11.0	68	4.90	25.0
Q017243		0.64	<0.01	0.13	4.70	26.9	680	1.08	0.15	7.61	0.69	46.0	9.9	92	3.95	24.5
Q017244		2.23	0.02	0.31	0.90	124.0	180	0.42	0.04	31.7	1.31	11.15	2.4	15	0.90	5.4
Q017245		2.27	0.01	0.31	0.97	123.5	170	0.35	0.04	32.2	1.31	11.55	2.3	26	0.99	5.6
Q017246		1.60	0.01	0.17	1.17	122.5	210	0.53	0.05	32.8	0.95	14.25	3.0	18	1.40	6.9
Q017247		2.04	0.04	0.28	1.55	168.5	250	0.64	0.07	29.6	1.20	17.90	3.5	23	1.83	9.1
Q017248		3.22	<0.01	0.10	0.43	187.0	100	0.39	0.02	35.6	0.97	6.34	1.6	8	0.58	3.6
Q017249		1.10	<0.01	0.11	0.40	284	100	0.32	0.03	37.0	1.12	6.48	1.7	8	0.53	4.2
Q017250		1.86	<0.01	0.10	1.38	51.5	240	0.50	0.07	29.1	0.77	15.90	3.7	21	1.51	7.9
Q017251		1.68	<0.01	0.08	0.84	74.5	160	0.41	0.05	33.4	1.35	10.15	2.5	13	1.00	6.3
Q017252		2.46	0.01	0.14	2.05	61.7	320	0.75	0.08	23.1	0.96	23.2	4.9	27	2.11	12.2
Q017253		2.38	<0.01	0.07	1.07	30.1	170	0.39	0.06	30.7	0.79	12.35	2.9	14	1.11	7.5
Q017254		2.26	<0.01	0.18	1.85	76.0	230	0.75	0.09	28.2	1.05	23.9	4.8	19	2.08	13.9
Q017255		0.60	0.01	0.22	1.62	112.5	230	0.66	0.08	30.9	1.23	19.40	4.0	17	1.91	12.6
Q017256		2.30	0.01	0.22	2.30	108.5	370	0.94	0.11	24.3	1.29	27.1	5.2	31	2.78	15.8
Q017257		1.09	0.01	0.21	1.69	220	240	0.76	0.08	29.6	1.57	20.6	4.1	22	2.02	12.2
Q017258		1.70	0.02	0.22	0.58	558	90	1.13	0.04	36.1	1.13	6.24	1.6	15	0.88	4.2
Q017259		1.03	0.01	0.11	0.52	44.4	100	0.25	0.03	36.2	0.65	7.56	1.4	10	0.70	4.2
Q017260		1.47	0.01	0.50	2.62	116.0	1100	0.88	0.10	15.15	1.05	27.2	4.5	56	4.28	19.1
Q017261		0.73	0.01	0.88	2.47	109.5	830	0.86	0.11	16.55	1.42	26.9	4.2	52	3.94	17.1
Q017262		2.00	0.05	0.74	2.00	245	1550	0.81	0.09	28.7	2.29	22.2	4.1	29	2.30	9.3
Q017263		1.92	0.01	0.37	1.15	116.0	210	0.55	0.06	30.9	2.40	13.40	2.9	17	1.42	6.9
Q017264		1.64	0.01	0.29	3.18	140.0	370	1.10	0.12	24.8	1.82	31.1	6.5	33	3.25	14.3
Q017265		2.85	0.01	0.35	3.50	649	400	1.22	0.12	23.1	2.50	34.0	8.2	38	3.91	19.6
Q017266		1.32	0.01	0.31	1.87	844	290	0.89	0.08	29.1	3.15	18.85	5.5	22	2.45	14.5
Q017267		1.64	<0.01	0.16	6.21	89.8	800	1.65	0.21	4.14	1.12	55.7	12.6	71	5.75	31.2
Q017268		2.35	<0.01	0.15	6.64	51.8	760	1.81	0.21	6.94	0.91	61.4	13.7	71	6.41	30.7

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

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

Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017229		0.28	0.40	0.08	0.1	0.13	<0.005	0.05	1.2	1.1	0.28	55	0.26	0.01	0.2	6.5
Q017230		0.89	1.88	0.13	0.3	0.45	0.006	0.31	3.5	3.2	3.34	219	1.98	0.01	1.1	15.9
Q017231		5.69	13.55	0.16	2.0	1.11	0.054	1.94	26.4	15.2	0.46	138	6.99	0.02	12.2	81.4
Q017232		4.60	19.15	0.16	2.6	2.26	0.051	2.45	30.1	12.0	0.35	25	7.41	0.03	16.0	8.9
Q017233		1.89	16.35	0.16	3.3	4.66	0.037	2.40	38.5	13.4	0.40	29	7.58	0.03	18.6	13.3
Q017234		2.34	15.80	0.16	3.1	1.36	0.051	2.30	37.9	14.6	0.39	48	7.38	0.04	18.1	15.7
Q017235		1.11	2.81	0.11	0.6	8.15	0.014	0.36	8.3	6.4	0.76	533	2.87	0.04	2.3	18.7
Q017236		0.98	2.97	0.09	0.6	7.60	0.009	0.35	7.5	6.8	1.48	516	2.44	0.06	2.2	15.0
Q017237		1.29	3.66	0.09	0.6	5.04	0.017	0.43	9.4	8.9	1.98	580	3.42	0.07	2.6	22.2
Q017238		1.16	4.10	0.12	0.7	13.7	0.019	0.54	9.8	8.8	0.97	380	4.76	0.05	2.9	22.7
Q017239		2.93	10.95	0.16	1.9	0.68	0.046	1.17	22.4	35.0	1.23	620	1.75	0.23	6.9	34.5
Q017240		2.64	10.85	0.13	1.7	0.52	0.044	1.17	21.6	33.1	1.37	479	2.21	0.23	6.7	31.1
Q017241		2.24	8.75	0.13	1.5	0.61	0.028	0.98	17.5	26.6	2.06	415	2.39	0.22	5.7	25.6
Q017242		3.18	13.25	0.16	2.2	0.22	0.048	1.41	26.9	41.3	0.83	534	1.90	0.28	8.1	39.4
Q017243		3.25	11.85	0.13	2.0	0.14	0.038	1.32	23.8	37.6	0.93	528	6.73	0.26	7.7	35.0
Q017244		0.61	2.46	0.10	0.5	11.7	0.011	0.26	6.6	5.7	1.21	410	1.56	0.05	1.8	9.5
Q017245		0.64	2.52	0.11	0.5	5.02	0.014	0.30	6.8	6.1	1.96	370	1.60	0.05	1.8	9.6
Q017246		0.74	3.24	0.13	0.5	2.00	0.013	0.34	8.6	7.5	0.39	345	2.73	0.07	2.3	12.3
Q017247		0.99	3.99	0.14	0.7	4.84	0.011	0.45	10.6	9.2	0.84	373	2.14	0.09	2.8	14.9
Q017248		0.46	1.24	0.10	0.2	1.75	0.010	0.13	4.3	2.9	0.15	452	0.51	0.03	0.9	9.8
Q017249		0.51	1.06	0.15	0.2	2.39	0.005	0.13	5.8	2.6	0.13	416	0.57	0.02	0.7	10.6
Q017250		0.96	3.31	0.14	0.6	0.59	0.009	0.37	10.3	9.9	0.43	218	0.59	0.09	2.4	12.2
Q017251		0.56	2.10	0.13	0.3	1.66	<0.005	0.23	6.7	5.7	0.42	276	0.39	0.06	1.5	8.3
Q017252		1.28	4.75	0.12	0.9	0.65	0.017	0.59	12.7	13.7	2.56	344	0.96	0.14	3.6	17.1
Q017253		0.65	2.67	0.16	0.4	0.36	0.012	0.31	7.9	7.6	1.79	165	0.54	0.07	1.9	10.1
Q017254		1.15	4.63	0.13	0.8	0.94	0.012	0.59	12.4	11.7	1.99	355	1.01	0.13	3.9	15.1
Q017255		1.00	4.01	0.15	0.7	1.22	0.016	0.50	10.9	10.0	1.22	322	0.93	0.11	3.2	13.7
Q017256		1.44	5.36	0.15	1.0	1.08	0.018	0.68	14.7	13.9	1.68	365	1.35	0.17	4.5	20.2
Q017257		1.14	4.27	0.19	0.8	2.12	0.010	0.54	11.8	10.0	1.02	388	1.39	0.11	3.5	16.6
Q017258		0.68	1.50	0.12	0.2	8.03	0.006	0.20	4.2	2.7	0.25	368	1.48	0.02	1.0	9.3
Q017259		0.34	1.32	0.16	0.2	0.51	<0.005	0.14	6.6	3.3	0.15	160	0.45	0.03	0.9	5.8
Q017260		1.75	6.41	0.15	1.0	1.17	0.022	0.83	17.9	18.1	1.18	266	2.06	0.08	4.6	24.7
Q017261		1.58	6.00	0.17	1.0	2.61	0.023	0.77	16.9	16.3	1.00	241	1.86	0.07	4.6	22.7
Q017262		1.33	4.80	0.20	0.8	19.1	0.015	0.52	12.5	10.7	0.94	489	1.59	0.13	3.6	16.1
Q017263		0.74	2.78	0.13	0.5	1.55	0.010	0.32	7.4	6.4	1.05	336	0.69	0.08	2.1	12.1
Q017264		1.72	7.47	0.21	1.1	1.03	0.027	0.88	16.6	21.8	0.70	388	1.18	0.15	4.9	26.0
Q017265		2.34	8.24	0.16	1.3	3.54	0.029	1.01	18.0	22.0	0.52	430	2.71	0.14	5.6	38.9
Q017266		1.86	4.50	0.13	0.7	2.63	0.019	0.59	11.1	9.8	0.26	424	3.30	0.06	3.3	40.5
Q017267		3.56	14.20	0.19	2.2	0.19	0.052	1.67	30.2	46.1	0.79	461	2.33	0.30	8.5	46.9
Q017268		3.64	15.80	0.18	2.4	0.16	0.058	1.80	33.3	50.6	0.94	416	1.46	0.31	9.6	46.2

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

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

Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017229		80	4.4	2.4	<0.002	<0.01	0.50	0.4	1	<0.2	332	<0.05	<0.05	0.2	0.007	0.08
Q017230		600	82.3	12.1	<0.002	<0.01	4.27	1.5	5	0.3	398	0.07	<0.05	1.0	0.036	0.23
Q017231		1820	46.5	87.3	<0.002	0.36	7.34	6.9	2	1.6	175.0	0.78	<0.05	6.7	0.260	4.16
Q017232		830	18.2	111.0	<0.002	0.79	5.55	6.4	2	2.0	170.5	1.04	0.09	7.7	0.329	9.33
Q017233		650	20.5	117.5	0.004	0.39	5.81	7.3	5	2.1	140.5	1.19	0.06	8.0	0.385	5.72
Q017234		970	21.5	117.5	0.004	0.58	4.88	8.5	4	1.9	147.0	1.13	0.09	9.0	0.361	3.59
Q017235		860	58.6	15.1	0.002	0.03	3.89	3.8	1	0.4	119.5	0.15	<0.05	1.7	0.076	1.87
Q017236		620	75.0	14.8	<0.002	0.02	3.91	3.7	2	0.4	114.5	0.14	<0.05	1.7	0.077	1.86
Q017237		840	108.5	19.3	<0.002	0.01	6.82	4.0	1	0.5	136.0	0.18	<0.05	2.0	0.092	1.44
Q017238		800	69.6	22.0	0.002	0.02	5.55	4.0	2	0.6	172.0	0.19	<0.05	2.4	0.089	1.18
Q017239		720	17.5	68.4	0.003	0.05	1.34	9.0	1	1.3	121.5	0.49	0.06	5.6	0.239	0.70
Q017240		680	15.0	65.6	0.002	0.05	1.25	8.6	2	1.3	179.5	0.45	<0.05	5.3	0.240	0.56
Q017241		600	43.7	52.7	0.003	0.05	1.09	6.8	1	1.0	171.0	0.39	<0.05	4.5	0.201	0.53
Q017242		890	15.3	84.3	<0.002	0.05	1.09	10.7	1	1.5	158.5	0.57	<0.05	6.7	0.295	0.66
Q017243		710	13.3	73.3	0.002	0.06	1.02	9.4	2	1.5	127.0	0.54	<0.05	6.1	0.279	0.55
Q017244		310	43.5	12.7	<0.002	0.01	2.51	3.5	1	0.3	82.4	0.12	<0.05	1.4	0.057	0.49
Q017245		270	31.7	13.8	<0.002	0.01	1.79	3.4	2	0.3	84.9	0.12	<0.05	1.5	0.060	0.54
Q017246		350	20.9	17.1	<0.002	0.01	1.29	4.1	1	0.4	94.9	0.16	0.05	1.8	0.074	0.53
Q017247		400	33.0	22.2	<0.002	0.01	1.88	4.1	1	0.5	103.0	0.19	<0.05	2.3	0.094	0.77
Q017248		240	8.6	6.7	<0.002	0.01	1.04	2.5	1	0.2	45.1	0.06	<0.05	0.7	0.028	0.31
Q017249		290	9.4	6.0	<0.002	0.02	1.06	2.4	1	0.2	55.7	0.05	<0.05	0.8	0.025	0.32
Q017250		260	9.2	20.9	<0.002	<0.01	0.45	3.1	<1	0.4	126.0	0.15	<0.05	2.1	0.084	0.31
Q017251		250	7.3	12.6	<0.002	<0.01	0.46	3.0	1	0.2	93.4	0.11	<0.05	1.3	0.051	0.27
Q017252		430	12.7	29.8	<0.002	0.01	0.76	4.6	1	0.6	119.0	0.24	<0.05	3.3	0.125	0.44
Q017253		240	6.5	16.2	<0.002	<0.01	0.40	2.4	1	0.4	113.5	0.12	<0.05	1.8	0.065	0.33
Q017254		380	17.5	27.4	<0.002	<0.01	0.91	4.4	<1	0.6	138.0	0.25	<0.05	3.5	0.128	0.47
Q017255		390	24.7	22.9	<0.002	<0.01	1.00	4.3	1	0.5	112.5	0.21	<0.05	2.9	0.108	0.44
Q017256		480	18.6	33.9	<0.002	0.01	1.14	5.2	1	0.7	108.5	0.30	0.05	3.9	0.155	0.52
Q017257		460	20.0	24.7	<0.002	<0.01	1.60	4.1	1	0.5	97.6	0.23	0.05	3.1	0.117	0.58
Q017258		480	19.5	8.2	<0.002	0.01	2.77	1.6	1	0.3	41.3	0.06	<0.05	0.9	0.032	0.84
Q017259		280	9.8	7.6	0.002	0.01	0.44	2.5	<1	0.2	108.0	0.06	<0.05	0.9	0.033	0.18
Q017260		650	18.7	47.1	0.004	0.07	1.17	5.5	1	0.8	175.5	0.29	0.06	3.8	0.150	0.76
Q017261		600	44.5	42.2	0.002	0.05	1.50	5.3	1	0.7	141.0	0.28	0.05	3.8	0.144	0.79
Q017262		350	65.8	27.3	<0.002	0.04	3.80	6.0	1	0.5	134.0	0.23	<0.05	3.2	0.119	0.85
Q017263		250	34.5	17.5	<0.002	0.02	1.28	4.3	1	0.4	116.5	0.13	<0.05	1.9	0.070	0.50
Q017264		480	31.7	50.6	0.002	0.04	1.54	7.3	<1	1.0	88.5	0.32	0.05	4.6	0.171	0.65
Q017265		590	38.6	56.8	<0.002	0.02	4.04	7.8	1	1.1	74.5	0.36	0.06	4.9	0.190	0.98
Q017266		540	51.4	28.6	0.002	<0.01	8.22	5.5	1	0.6	68.0	0.21	<0.05	2.7	0.098	0.78
Q017267		860	16.6	94.6	0.003	0.07	0.86	11.9	1	1.7	119.5	0.60	<0.05	8.5	0.333	0.75
Q017268		880	18.2	107.0	0.002	0.16	0.86	12.9	<1	1.8	119.0	0.67	0.06	9.3	0.361	0.83

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Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
Q017229		0.4	8	0.4	3.1	68	2.4
Q017230		1.5	20	1.3	7.5	205	11.2
Q017231		4.8	326	9.7	48.9	462	80.3
Q017232		3.1	388	12.1	10.8	39	95.1
Q017233		3.7	337	10.3	15.5	31	122.5
Q017234		3.4	304	6.6	14.7	34	118.5
Q017235		8.4	57	1.6	10.9	381	19.1
Q017236		6.0	50	1.6	9.0	326	18.6
Q017237		7.1	61	1.2	12.1	807	21.0
Q017238		6.1	67	1.9	11.1	369	24.8
Q017239		2.5	103	1.0	16.2	233	72.9
Q017240		2.6	99	0.9	14.9	140	64.8
Q017241		2.4	91	0.8	12.7	118	53.3
Q017242		2.6	116	1.1	17.7	139	78.0
Q017243		2.3	112	1.0	16.3	129	73.4
Q017244		4.6	36	0.8	8.2	115	15.2
Q017245		4.9	33	0.9	8.1	139	15.5
Q017246		5.1	40	0.7	9.7	97	19.0
Q017247		4.5	51	1.0	10.3	147	22.5
Q017248		3.2	24	0.2	9.5	71	8.2
Q017249		4.8	24	0.2	10.9	89	6.9
Q017250		2.9	41	0.4	9.1	75	20.7
Q017251		3.8	30	0.3	8.9	61	12.2
Q017252		2.7	59	0.6	11.0	100	29.3
Q017253		2.1	29	0.4	8.4	76	14.8
Q017254		2.8	48	0.7	10.2	99	29.7
Q017255		3.0	45	0.7	10.7	104	26.9
Q017256		3.1	68	0.7	12.9	120	35.6
Q017257		3.6	56	0.7	12.0	118	26.7
Q017258		3.2	26	0.5	6.6	93	8.5
Q017259		5.9	27	0.3	11.0	39	8.1
Q017260		3.1	101	0.7	15.9	135	38.9
Q017261		3.3	93	1.1	15.5	198	39.3
Q017262		4.1	59	1.3	12.0	268	29.0
Q017263		3.7	38	1.1	9.0	156	17.0
Q017264		3.9	70	1.1	14.1	170	42.4
Q017265		4.4	93	1.2	14.1	318	48.4
Q017266		6.5	88	2.0	12.0	429	27.3
Q017267		2.9	121	1.1	19.2	181	79.4
Q017268		3.3	128	1.2	20.4	158	86.9

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

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

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

Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017269		2.53	<0.01	0.16	5.74	79.8	810	1.44	0.17	8.54	1.01	52.5	12.1	65	5.73	27.2
Q017270		2.79	<0.01	0.24	3.42	76.3	540	1.01	0.13	15.45	1.60	40.6	8.0	39	3.07	24.8
Q017271		2.24	<0.01	0.14	5.25	39.2	600	1.40	0.17	9.20	1.13	50.6	10.9	56	4.77	28.3
Q017272		1.60	<0.01	0.17	6.19	32.1	680	1.51	0.20	6.63	0.75	57.5	12.2	68	5.84	29.7
Q017273		1.70	<0.01	0.24	5.37	47.4	860	1.38	0.19	10.15	0.97	52.3	11.1	86	5.22	29.9
Q017274		2.46	<0.01	0.18	5.17	61.4	570	1.41	0.16	9.46	1.21	51.2	10.7	55	4.30	36.8
Q017275		1.91	<0.01	0.13	4.25	34.5	510	1.06	0.13	12.20	0.78	41.5	9.1	59	3.92	22.3
Q017276		1.11	<0.01	0.13	4.34	31.1	540	1.10	0.14	11.80	0.71	42.5	9.4	60	4.11	22.6
Q017277		2.59	<0.01	0.14	5.41	27.6	760	1.44	0.17	7.33	0.74	50.6	11.7	59	4.79	27.6
Q017278		0.85	0.01	0.18	4.83	31.2	660	1.23	0.16	9.00	0.91	46.4	10.5	73	4.46	24.8
Q017279		2.22	0.01	0.26	3.27	72.3	480	0.97	0.12	12.70	1.43	34.8	7.8	44	3.04	19.5
Q017280		1.38	<0.01	0.38	5.79	79.5	800	1.57	0.24	8.32	1.44	64.9	12.5	60	6.61	37.8
Q017281		1.24	0.01	0.35	3.15	103.0	490	0.94	0.12	15.60	2.21	36.7	7.5	40	3.09	19.4
Q017282		1.47	<0.01	0.30	2.83	80.8	550	0.87	0.12	13.40	1.38	32.0	6.3	45	3.23	18.1
Q017283		1.29	0.01	0.32	2.81	159.5	560	0.86	0.12	18.25	2.69	31.8	6.7	36	2.78	21.6
Q017284		1.22	0.01	0.39	3.55	157.5	590	1.13	0.15	12.70	2.63	40.4	8.1	49	3.81	27.5
Q017285		1.13	0.01	0.39	2.52	208	490	0.77	0.08	19.05	3.09	30.4	6.9	33	2.81	24.5
Q017286		1.61	0.01	1.15	2.90	690	680	0.85	0.10	8.26	2.17	34.1	4.1	62	4.98	24.0
Q017287		1.53	<0.01	1.59	2.56	627	590	0.77	0.10	5.40	2.07	28.7	2.5	63	4.88	26.9
Q017288		1.25	0.01	1.41	2.73	689	620	0.85	0.09	4.41	1.85	30.3	3.0	87	4.97	28.4

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017269		3.32	13.35	0.17	2.1	0.44	0.050	1.56	28.7	43.5	0.90	470	1.39	0.28	8.1	41.8
Q017270		2.25	8.39	0.14	1.4	0.84	0.032	0.99	23.0	25.2	1.49	481	1.80	0.26	6.4	28.1
Q017271		3.20	12.45	0.18	2.1	0.16	0.045	1.40	28.6	38.8	0.90	503	1.72	0.32	8.1	38.8
Q017272		3.48	14.45	0.15	2.2	0.11	0.051	1.66	31.4	46.9	0.90	433	1.65	0.30	8.9	43.1
Q017273		3.25	12.85	0.18	2.0	0.17	0.039	1.51	29.2	38.6	1.21	446	2.69	0.28	8.2	39.6
Q017274		3.24	12.70	0.16	2.1	0.36	0.039	1.49	28.9	35.0	1.38	495	1.53	0.30	8.9	37.4
Q017275		2.62	10.20	0.14	1.7	0.28	0.039	1.18	22.9	31.7	0.97	453	1.86	0.24	6.4	30.6
Q017276		2.70	10.40	0.15	1.7	0.15	0.043	1.17	23.7	34.0	0.97	494	1.91	0.24	6.4	31.0
Q017277		3.32	12.80	0.16	2.3	0.12	0.049	1.45	27.5	43.2	0.99	480	1.51	0.29	8.1	39.0
Q017278		2.95	11.35	0.17	2.0	0.14	0.042	1.32	25.6	36.7	0.91	456	2.66	0.26	7.3	35.0
Q017279		2.22	7.92	0.12	1.3	1.72	0.027	0.89	18.7	23.5	1.81	456	1.53	0.21	5.6	26.2
Q017280		3.32	14.20	0.18	2.2	1.21	0.048	1.73	35.3	38.4	1.78	421	2.91	0.39	11.0	44.0
Q017281		2.16	7.78	0.14	1.2	6.23	0.029	0.90	20.0	23.2	2.05	533	2.73	0.21	5.5	28.3
Q017282		1.83	6.82	0.14	1.2	2.14	0.021	0.82	18.0	19.1	2.53	376	1.60	0.19	5.4	24.5
Q017283		2.00	6.93	0.14	1.1	10.00	0.026	0.85	17.4	20.1	1.89	425	3.83	0.18	5.3	30.0
Q017284		2.36	8.85	0.18	1.4	9.46	0.038	1.01	21.9	24.3	1.69	451	3.14	0.25	6.6	34.0
Q017285		1.78	6.82	0.05	1.2	10.9	0.035	0.74	16.8	18.4	1.00	375	3.46	0.20	5.2	30.4
Q017286		1.61	8.85	0.07	1.3	10.50	0.037	0.97	20.6	15.0	1.06	214	15.65	0.10	5.6	35.1
Q017287		1.17	7.53	0.07	1.0	12.5	0.024	0.89	19.1	10.0	1.00	145	19.85	0.05	4.6	37.5
Q017288		1.44	8.26	0.10	1.2	14.2	0.031	0.97	19.8	12.3	0.57	172	19.45	0.07	5.1	37.3

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

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

Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017269		800	17.2	90.2	<0.002	0.13	0.88	11.2	1	1.6	141.5	0.54	0.06	7.8	0.316	0.77
Q017270		680	18.9	52.3	0.003	0.03	1.25	7.1	1	1.0	261	0.42	<0.05	5.6	0.222	0.51
Q017271		900	15.4	79.7	<0.002	0.04	0.90	10.4	1	1.4	131.5	0.55	0.05	7.9	0.298	0.60
Q017272		850	15.7	96.3	0.002	0.04	0.91	12.0	1	1.7	123.0	0.62	0.06	8.4	0.339	0.71
Q017273		830	18.3	85.3	<0.002	0.05	1.02	10.8	1	1.6	177.0	0.54	<0.05	7.7	0.305	0.64
Q017274		740	22.7	79.2	<0.002	0.03	1.05	11.3	1	1.5	137.5	0.57	0.06	7.5	0.344	0.67
Q017275		640	13.4	66.4	<0.002	0.03	0.68	8.4	<1	1.2	145.0	0.43	<0.05	6.1	0.239	0.49
Q017276		680	12.6	69.1	<0.002	0.04	0.66	8.7	1	1.2	148.5	0.45	0.07	6.4	0.250	0.52
Q017277		730	14.9	83.5	0.002	0.05	0.84	11.0	1	1.6	136.0	0.54	0.06	7.6	0.317	0.58
Q017278		690	16.4	77.3	0.003	0.08	0.80	9.6	1	1.4	125.0	0.49	0.06	6.9	0.273	0.58
Q017279		650	19.5	50.7	<0.002	0.02	1.35	6.7	1	1.0	121.5	0.37	<0.05	5.0	0.196	0.60
Q017280		790	25.5	91.6	<0.002	0.03	2.05	11.1	2	1.7	146.0	0.74	0.05	9.7	0.364	1.06
Q017281		690	25.8	50.4	<0.002	0.02	2.06	6.8	1	0.9	135.0	0.36	<0.05	5.2	0.187	1.31
Q017282		610	17.6	45.3	<0.002	0.02	1.31	5.9	1	0.8	130.0	0.35	0.05	4.6	0.177	0.69
Q017283		630	26.9	44.8	0.002	0.03	2.86	6.2	1	0.8	160.5	0.34	<0.05	4.5	0.169	1.24
Q017284		720	31.9	57.0	<0.002	0.03	2.88	7.7	1	1.1	132.5	0.43	0.07	5.6	0.227	1.17
Q017285		640	32.4	42.4	0.003	0.04	3.63	5.5	<1	0.9	236	0.34	0.05	4.6	0.139	1.07
Q017286		1570	62.7	54.9	0.045	0.20	13.55	5.7	4	1.0	169.0	0.38	0.12	5.3	0.160	8.24
Q017287		1320	81.4	47.3	0.056	0.19	17.05	4.2	5	0.9	123.5	0.31	0.11	4.1	0.137	9.64
Q017288		1410	56.1	51.1	0.054	0.17	19.05	4.9	6	1.1	120.5	0.35	0.11	4.6	0.156	9.93

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

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
Q017269		3.3	112	1.0	18.6	171	76.7
Q017270		3.0	107	0.8	16.9	141	53.7
Q017271		3.4	106	1.0	19.7	145	74.3
Q017272		2.7	119	1.1	19.7	149	80.3
Q017273		3.0	122	1.0	19.6	145	74.9
Q017274		2.9	126	1.0	19.4	152	84.0
Q017275		2.7	86	0.8	17.0	125	59.2
Q017276		2.5	87	0.8	17.5	123	62.0
Q017277		2.6	111	1.0	18.4	140	78.1
Q017278		2.7	99	0.9	17.6	129	67.5
Q017279		2.4	84	0.7	14.3	167	48.6
Q017280		3.6	141	1.2	20.2	204	81.9
Q017281		4.0	89	0.9	15.0	253	48.6
Q017282		3.1	86	0.8	14.1	150	44.7
Q017283		3.7	110	0.9	14.6	301	44.2
Q017284		3.8	124	1.0	16.7	262	52.3
Q017285		4.7	114	0.8	15.5	266	49.0
Q017286		7.6	632	1.6	19.5	225	50.4
Q017287		10.4	772	1.9	18.0	264	40.5
Q017288		9.3	739	1.8	19.0	232	47.0

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Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadeleen

CERTIFICATE OF ANALYSIS WH14115500

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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

Finalized Date: 16- AUG- 2014
Account: RCM

CERTIFICATE WH14116720

Project: Nadaleen

P.O. No.: T14- 014

This report is for 50 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

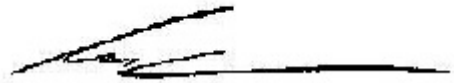
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116720

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017289		1.49	0.02	0.32	2.99	178.5	540	0.98	0.10	17.40	3.12	34.6	7.7	51	2.84	23.8
Q017290		1.35	0.01	0.21	1.54	525	270	0.80	0.06	28.4	3.23	18.30	5.6	22	2.23	14.5
Q017291		2.19	0.02	0.43	1.65	292	330	0.76	0.06	23.0	4.00	20.8	4.5	21	1.69	16.3
Q017292		0.95	0.01	0.22	1.16	327	260	0.85	0.04	29.9	3.48	14.65	5.5	15	1.34	11.3
Q017293		1.82	0.03	0.31	1.85	247	300	0.79	0.07	24.9	2.66	22.2	5.2	23	1.81	14.9
Q017294		1.57	0.01	0.25	1.88	508	250	0.77	0.07	30.3	1.73	19.30	5.3	22	1.98	9.7
Q017295		1.94	0.05	0.58	2.00	348	370	0.87	0.08	24.6	6.01	25.1	5.8	24	1.98	18.7
Q017296		2.56	0.06	0.48	1.54	373	280	0.73	0.06	28.9	3.43	19.80	4.9	18	1.62	13.0
Q017297		1.55	0.01	0.20	0.87	153.0	160	0.47	0.03	29.7	1.38	11.20	2.7	13	1.03	6.2
Q017298		2.21	0.02	0.16	0.75	180.5	130	0.74	0.03	32.3	1.24	10.90	3.5	9	1.04	6.5
Q017299		0.99	<0.01	0.20	1.04	205	200	0.46	0.05	23.8	1.33	13.15	4.7	13	1.51	7.9
Q017300		2.04	0.01	0.19	0.97	211	160	0.60	0.04	26.7	1.62	12.95	3.3	11	1.21	7.4
Q017301		1.88	<0.01	0.16	1.78	86.3	480	0.65	0.07	20.2	1.05	24.0	4.8	21	1.56	11.9
Q017302		1.94	<0.01	0.20	3.47	52.0	790	1.06	0.14	13.05	1.42	42.0	7.5	45	2.52	21.9
Q017303		2.35	<0.01	0.20	3.24	49.3	690	1.06	0.13	15.05	1.46	40.9	7.3	43	2.28	21.6
Q017304		1.13	<0.01	0.13	2.06	86.6	390	0.96	0.08	18.10	0.64	24.6	5.7	25	1.83	12.3
Q017305		2.08	<0.01	0.21	3.41	90.2	580	1.07	0.15	13.75	1.22	44.8	7.9	37	2.31	19.7
Q017306		1.72	<0.01	0.17	2.51	83.4	450	0.79	0.09	16.75	1.09	29.5	5.2	38	1.81	18.8
Q017307		2.34	<0.01	0.15	2.42	66.4	340	0.74	0.09	15.80	0.92	27.7	5.2	28	1.71	15.1
Q017308		0.91	<0.01	0.16	2.66	46.3	450	0.85	0.10	14.30	1.13	30.5	5.7	37	1.91	17.2
Q017309		2.44	<0.01	0.10	1.60	46.3	320	0.53	0.06	18.75	0.74	18.35	4.1	20	1.27	12.3
Q017310		2.93	<0.01	0.09	1.33	51.0	230	0.47	0.05	18.75	0.52	15.30	3.2	18	1.31	9.4
Q017311		2.56	<0.01	0.15	2.34	72.7	340	0.79	0.09	17.10	1.14	27.9	5.2	27	1.78	14.1
Q017312		2.01	<0.01	0.17	2.06	53.8	330	0.76	0.07	17.85	0.97	23.9	4.5	29	1.62	13.5
Q017313		1.80	0.01	0.18	1.93	67.8	380	0.69	0.08	23.6	1.89	23.4	4.5	22	1.75	14.8
Q017314		1.82	0.01	3.68	2.00	565	380	0.67	0.08	21.7	5.74	24.1	3.5	33	1.92	24.9
Q017315		2.05	0.01	0.23	3.06	106.5	360	0.92	0.10	19.10	1.33	32.9	6.3	36	2.78	19.6
Q017316		2.32	0.02	1.38	2.56	465	390	0.84	0.09	20.3	4.32	26.9	4.7	38	2.46	28.4
Q017317		0.65	0.05	1.08	1.94	446	360	0.73	0.07	26.0	4.19	24.3	3.8	27	1.82	19.0
Q017318		1.29	0.09	0.92	2.60	438	430	0.94	0.08	20.5	6.59	28.8	6.0	36	2.49	25.6
Q017319		2.03	0.06	0.65	2.07	597	440	0.91	0.07	20.0	8.59	23.2	6.0	31	1.88	31.4
Q017320		1.27	0.03	0.57	1.36	373	230	0.67	0.05	28.0	5.88	14.25	3.8	18	1.24	16.6
Q017321		2.65	0.03	0.30	1.83	707	280	0.97	0.05	26.4	9.10	17.65	7.9	22	1.62	29.7
Q017322		1.68	0.02	0.31	1.30	410	180	0.70	0.04	25.9	3.71	12.80	4.3	15	1.23	13.9
Q017323		2.95	0.01	0.23	1.01	292	150	0.63	0.03	28.8	1.98	10.35	3.0	14	0.96	10.2
Q017324		1.04	0.02	0.36	1.35	203	220	0.68	0.05	31.4	2.36	16.25	3.6	16	1.54	8.3
Q017325		1.50	0.02	0.39	1.70	213	260	0.65	0.06	28.7	1.93	19.95	4.4	21	1.96	10.9
Q017326		1.01	0.01	0.36	0.94	190.0	140	0.45	0.04	33.1	1.13	11.45	2.4	15	1.11	5.4
Q017327		0.98	0.01	0.29	0.97	146.0	140	0.39	0.03	32.9	0.80	11.10	2.2	16	1.00	5.3
Q017328		1.85	0.01	0.16	1.28	236	220	0.59	0.04	28.6	1.77	15.20	3.7	19	1.42	8.6

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

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017289		2.21	7.58	0.14	1.4	5.75	0.033	0.87	18.0	20.9	2.11	518	4.64	0.20	6.0	33.8
Q017290		1.38	4.02	0.14	0.7	7.95	0.017	0.47	9.9	10.3	0.62	405	5.57	0.07	3.0	28.4
Q017291		1.37	4.37	0.15	0.8	16.0	0.018	0.53	11.0	11.4	1.02	348	5.59	0.08	3.4	27.0
Q017292		1.41	3.15	0.14	0.6	11.2	0.014	0.37	8.0	8.1	0.55	511	4.46	0.06	2.4	36.0
Q017293		1.46	4.71	0.17	0.9	>100	0.019	0.56	11.6	13.7	0.95	355	4.32	0.11	3.7	26.9
Q017294		1.46	4.93	0.13	0.8	25.4	0.016	0.55	10.0	10.1	0.42	480	6.41	0.04	3.5	38.4
Q017295		1.65	5.05	0.15	1.0	24.9	0.020	0.58	13.4	13.4	1.57	422	6.64	0.12	4.2	40.7
Q017296		1.28	3.94	0.15	0.8	>100	0.018	0.46	10.6	9.6	0.87	402	5.74	0.12	3.3	32.8
Q017297		0.64	2.25	0.15	0.4	8.44	0.009	0.26	6.0	5.5	2.88	313	1.84	0.05	1.8	14.5
Q017298		0.68	2.00	0.14	0.4	7.87	0.010	0.24	6.0	4.9	1.21	485	1.82	0.05	1.7	17.4
Q017299		0.81	2.80	0.12	0.5	3.50	0.009	0.34	6.8	7.3	7.69	308	1.86	0.07	2.5	26.8
Q017300		0.80	2.53	0.17	0.5	6.22	0.013	0.31	6.9	6.3	4.12	342	2.12	0.07	2.1	19.2
Q017301		1.33	4.76	0.14	0.9	2.11	0.018	0.58	12.6	15.6	4.16	361	1.87	0.13	3.8	19.3
Q017302		2.40	8.91	0.14	1.5	1.10	0.034	1.13	21.8	28.5	2.08	474	3.48	0.19	6.9	29.9
Q017303		2.20	8.34	0.15	1.4	1.10	0.027	1.07	21.0	27.1	2.40	467	3.53	0.19	6.8	29.7
Q017304		1.31	5.29	0.15	0.9	1.46	0.021	0.64	12.0	15.6	7.60	303	1.86	0.15	4.1	21.8
Q017305		2.58	8.84	0.15	1.5	1.58	0.031	1.05	21.2	26.5	4.09	591	2.66	0.23	6.8	29.9
Q017306		1.77	6.14	0.15	1.1	1.64	0.024	0.78	15.4	18.0	4.51	382	2.68	0.17	4.9	24.4
Q017307		1.61	6.05	0.14	1.1	1.40	0.023	0.76	14.8	17.0	5.23	383	1.96	0.18	5.0	23.4
Q017308		1.81	6.49	0.13	1.2	1.05	0.027	0.84	16.4	20.2	4.07	359	3.27	0.17	5.3	25.5
Q017309		1.21	4.05	0.13	0.7	0.88	0.019	0.50	10.0	12.6	7.06	339	1.35	0.13	3.4	17.8
Q017310		0.93	3.31	0.16	0.6	0.68	0.016	0.44	7.9	9.9	9.39	202	1.25	0.08	2.7	17.4
Q017311		1.61	5.77	0.14	1.1	0.99	0.020	0.73	15.0	17.5	5.54	360	1.95	0.15	5.0	25.3
Q017312		1.50	5.14	0.13	1.0	0.79	0.019	0.67	12.8	16.2	5.52	303	2.39	0.13	4.2	21.4
Q017313		1.38	5.01	0.13	0.9	2.83	0.019	0.62	13.8	14.6	1.86	372	1.81	0.14	4.2	19.6
Q017314		1.89	5.41	0.15	1.0	7.77	0.026	0.71	14.4	11.0	1.37	266	12.00	0.07	4.6	32.4
Q017315		2.00	7.63	0.13	1.4	2.46	0.029	0.90	17.7	23.8	1.58	390	1.78	0.18	5.8	25.3
Q017316		2.04	6.45	0.14	1.1	8.58	0.024	0.81	15.4	15.8	0.95	524	12.10	0.12	4.8	37.9
Q017317		1.57	4.94	0.15	0.9	12.2	0.021	0.62	14.3	13.5	0.63	401	9.75	0.08	3.7	32.1
Q017318		2.17	6.12	0.14	1.1	35.8	0.025	0.75	17.0	14.6	1.45	366	9.25	0.12	4.8	48.0
Q017319		1.86	4.82	0.13	0.8	33.1	0.027	0.63	13.6	11.2	3.55	345	9.94	0.09	3.5	49.8
Q017320		1.16	3.11	0.13	0.5	17.2	0.013	0.38	8.2	6.6	1.86	465	6.48	0.05	2.3	36.6
Q017321		2.58	3.64	0.14	0.7	12.1	0.015	0.43	9.7	9.1	1.47	453	6.52	0.09	3.0	74.2
Q017322		1.25	2.97	0.12	0.5	5.43	0.010	0.37	6.9	6.2	4.94	330	3.85	0.04	2.2	34.4
Q017323		0.90	2.29	0.12	0.4	4.52	0.009	0.28	5.6	4.9	2.93	359	2.70	0.04	1.8	23.9
Q017324		0.94	3.29	0.13	0.7	5.06	0.014	0.40	9.0	8.0	0.79	456	1.75	0.06	2.7	22.6
Q017325		1.16	4.18	0.14	0.9	5.62	0.016	0.51	11.2	10.4	0.97	376	2.36	0.09	3.5	26.5
Q017326		0.69	2.51	0.15	0.5	4.08	0.012	0.30	6.9	5.1	0.35	293	3.77	0.04	2.0	14.4
Q017327		0.65	2.39	0.10	0.4	2.71	0.012	0.30	6.5	5.7	0.38	282	3.05	0.05	2.0	11.1
Q017328		1.15	3.18	0.12	0.6	4.40	0.014	0.38	8.9	8.7	1.90	357	1.23	0.09	2.6	20.8

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017289		860	29.8	45.6	0.002	0.03	3.08	6.8	2	0.9	190.5	0.39	<0.05	4.9	0.182	1.08
Q017290		510	27.1	23.5	0.005	0.03	3.52	4.3	4	0.5	100.5	0.19	<0.05	2.6	0.088	2.32
Q017291		560	63.0	25.5	<0.002	0.02	4.53	4.1	2	0.5	141.0	0.22	<0.05	2.9	0.097	1.36
Q017292		390	21.0	18.7	0.002	0.01	3.01	3.4	1	0.4	110.5	0.16	<0.05	2.0	0.067	0.95
Q017293		510	33.9	28.0	0.002	0.02	3.50	4.7	1	0.6	181.0	0.24	<0.05	3.2	0.111	1.90
Q017294		340	29.8	23.6	0.002	0.01	3.55	4.3	1	0.5	83.2	0.23	<0.05	3.1	0.104	2.00
Q017295		850	75.2	28.9	0.002	0.02	6.14	5.5	2	0.6	160.0	0.29	<0.05	3.6	0.120	1.95
Q017296		650	58.0	21.9	<0.002	0.01	4.43	4.5	2	0.5	153.0	0.23	<0.05	2.8	0.093	1.57
Q017297		260	22.1	12.8	<0.002	<0.01	1.55	3.1	1	0.3	120.5	0.12	<0.05	1.6	0.055	0.80
Q017298		230	17.8	11.6	<0.002	0.01	1.50	3.1	1	0.3	69.9	0.11	<0.05	1.4	0.048	0.81
Q017299		260	17.6	16.2	<0.002	<0.01	1.55	2.5	1	0.4	122.0	0.17	<0.05	2.0	0.065	1.51
Q017300		280	25.3	14.6	<0.002	<0.01	2.30	2.8	1	0.3	113.5	0.13	<0.05	1.8	0.062	0.99
Q017301		410	13.8	28.2	0.002	0.02	1.30	3.7	1	0.6	205	0.26	<0.05	3.6	0.099	0.81
Q017302		630	16.6	55.2	0.002	0.04	1.87	6.5	1	1.0	224	0.50	<0.05	6.6	0.181	0.68
Q017303		660	14.8	51.7	0.003	0.04	1.91	6.3	2	1.0	249	0.46	<0.05	6.0	0.177	0.79
Q017304		450	9.9	32.3	0.002	0.01	0.97	4.2	1	0.6	162.0	0.28	<0.05	3.6	0.118	1.21
Q017305		760	24.0	52.9	0.002	0.04	1.67	6.7	1	1.0	177.0	0.46	<0.05	6.4	0.197	0.89
Q017306		480	17.4	38.0	0.002	0.03	1.52	4.8	2	0.8	300	0.34	<0.05	4.5	0.141	0.78
Q017307		550	13.1	37.3	<0.002	0.02	1.28	4.7	1	0.7	188.0	0.35	<0.05	4.5	0.137	0.62
Q017308		550	13.1	41.1	0.002	0.03	1.53	5.1	1	0.8	203	0.37	<0.05	4.9	0.144	0.56
Q017309		310	10.4	24.1	<0.002	0.02	0.93	3.4	1	0.5	149.0	0.23	<0.05	2.9	0.101	0.40
Q017310		290	9.9	20.9	<0.002	0.01	0.96	2.6	1	0.4	127.0	0.18	<0.05	2.4	0.076	0.42
Q017311		530	12.6	36.0	0.002	0.02	1.28	4.6	1	0.7	167.5	0.33	<0.05	4.3	0.137	0.68
Q017312		400	15.1	32.2	<0.002	0.03	1.20	4.1	1	0.7	208	0.29	<0.05	3.7	0.118	0.48
Q017313		590	17.5	30.3	0.002	0.01	1.49	4.7	1	0.6	172.5	0.28	<0.05	3.5	0.123	0.40
Q017314		1220	169.5	31.7	0.004	0.06	23.0	4.3	3	0.7	183.0	0.31	<0.05	3.8	0.115	1.59
Q017315		580	29.3	48.0	<0.002	0.02	2.15	6.4	1	0.9	221	0.39	<0.05	5.1	0.180	0.73
Q017316		930	145.0	39.3	0.003	0.07	13.35	5.1	2	0.9	142.5	0.32	0.07	4.1	0.140	2.15
Q017317		1170	144.0	29.5	0.002	0.05	13.50	5.0	2	0.7	284	0.25	0.05	3.6	0.106	2.08
Q017318		1300	146.5	35.4	0.002	0.04	14.65	5.2	3	0.8	199.0	0.34	<0.05	4.2	0.146	3.79
Q017319		1430	104.5	28.5	0.005	0.05	12.15	3.8	3	0.6	224	0.25	<0.05	3.3	0.105	2.70
Q017320		700	77.0	17.3	<0.002	0.02	7.05	3.9	2	0.4	107.5	0.15	<0.05	2.2	0.068	1.43
Q017321		840	54.9	21.3	<0.002	0.01	3.39	4.5	2	0.5	159.0	0.20	<0.05	2.6	0.092	0.80
Q017322		430	48.1	16.3	<0.002	<0.01	3.00	2.9	1	0.4	124.0	0.14	<0.05	2.0	0.069	0.96
Q017323		340	36.5	12.8	<0.002	<0.01	2.38	2.6	1	0.3	101.0	0.11	<0.05	1.6	0.055	0.70
Q017324		310	47.9	19.1	<0.002	0.01	2.61	4.6	1	0.4	117.0	0.17	<0.05	2.4	0.086	0.92
Q017325		410	48.4	25.0	<0.002	0.01	2.73	4.9	2	0.5	121.5	0.23	<0.05	3.0	0.107	0.99
Q017326		360	76.1	14.7	<0.002	<0.01	3.18	3.3	1	0.3	152.5	0.13	<0.05	1.7	0.058	0.74
Q017327		350	101.0	14.5	0.002	0.01	2.38	3.1	1	0.3	127.0	0.14	<0.05	1.7	0.058	0.51
Q017328		380	19.3	19.1	<0.002	0.01	1.31	3.4	1	0.4	109.5	0.17	<0.05	2.3	0.082	0.65

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

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

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

Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	0.1
Q017289		6.4	105	1.0	15.6	252	48.6	
Q017290		6.6	68	1.0	10.9	343	26.0	
Q017291		4.9	96	0.9	12.8	314	28.0	
Q017292		3.3	70	0.6	16.1	518	20.3	
Q017293		4.0	84	0.9	12.2	277	32.4	158.5
Q017294		5.6	62	1.6	13.6	463	27.3	
Q017295		7.3	107	1.2	17.2	567	34.5	
Q017296		6.6	78	1.1	13.0	395	27.0	179.0
Q017297		4.4	37	0.6	7.7	150	15.8	
Q017298		2.9	44	0.5	13.6	173	14.7	
Q017299		2.9	39	0.7	6.5	228	18.5	
Q017300		3.2	46	0.6	8.9	181	17.2	
Q017301		3.0	72	0.5	9.7	124	30.4	
Q017302		3.2	150	0.8	15.1	147	55.9	
Q017303		3.3	155	0.7	15.5	144	53.4	
Q017304		3.1	62	0.7	8.6	105	32.0	
Q017305		3.6	117	0.9	17.4	159	51.9	
Q017306		3.1	101	0.8	11.6	138	39.0	
Q017307		2.7	95	0.7	10.9	122	38.8	
Q017308		2.7	122	0.6	12.2	130	42.6	
Q017309		2.4	66	0.5	7.4	92	27.2	
Q017310		1.9	51	0.4	5.9	89	22.1	
Q017311		2.8	99	0.7	11.4	138	39.7	
Q017312		3.0	84	0.7	9.7	127	33.6	
Q017313		5.0	73	0.6	13.2	118	34.6	
Q017314		8.8	177	1.9	14.6	518	35.8	
Q017315		3.0	91	0.9	13.4	136	49.0	
Q017316		6.1	232	1.9	15.7	556	39.8	
Q017317		9.3	150	1.8	13.7	503	34.6	
Q017318		7.9	159	2.1	19.0	795	40.7	
Q017319		7.4	226	1.5	18.4	715	30.3	
Q017320		6.0	94	1.3	14.0	532	20.1	
Q017321		4.9	95	0.9	20.1	1150	24.0	
Q017322		3.6	48	1.1	10.9	515	18.2	
Q017323		2.8	40	0.9	8.2	340	15.1	
Q017324		3.9	43	1.2	10.7	204	23.4	
Q017325		4.7	52	1.2	11.0	227	28.9	
Q017326		5.3	31	1.4	8.1	156	17.2	
Q017327		4.8	31	1.0	8.0	105	16.7	
Q017328		3.8	42	0.5	10.0	139	22.1	

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116720

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017329		2.20	0.02	0.41	0.57	124.5	110	0.35	0.01	32.3	1.66	7.65	1.4	8	0.57	3.2
Q017330		3.87	0.01	0.47	0.52	103.5	110	0.40	0.01	29.9	1.42	7.07	1.1	7	0.45	2.7
Q017331		1.09	0.01	0.22	0.65	110.0	160	0.39	0.01	23.6	1.59	9.04	1.1	9	0.53	2.6
Q017332		5.00	0.01	0.16	0.39	107.0	110	0.37	0.01	34.7	1.09	4.69	1.0	6	0.34	2.3
Q017333		3.98	0.02	0.08	0.23	192.5	130	0.27	0.01	28.4	1.27	3.42	7.7	4	0.20	3.3
Q017334		0.14	0.03	0.29	0.20	153.0	50	0.26	<0.01	33.3	3.26	4.36	0.5	7	0.15	2.3
Q017335		0.68	0.02	0.91	0.47	272	140	0.28	0.02	28.3	4.24	6.51	1.1	8	0.32	3.4
Q017336		1.97	0.01	0.07	0.15	60.9	40	0.22	<0.01	25.2	1.17	3.11	0.8	3	0.13	1.3
Q017337		1.55	<0.01	0.03	0.07	24.7	30	0.11	<0.01	22.5	0.31	1.75	0.4	2	0.07	1.0
Q017338		2.82	0.01	0.07	0.09	20.8	30	0.24	<0.01	27.8	0.60	2.76	0.5	3	0.07	1.1

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Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017329		0.34	1.43	0.11	0.3	5.79	0.006	0.19	4.1	2.9	3.87	343	2.74	0.01	1.0	5.1
Q017330		0.31	1.40	0.10	0.2	2.77	0.006	0.19	3.7	2.6	5.34	256	0.79	0.01	1.0	3.5
Q017331		0.34	1.70	0.11	0.4	1.19	0.005	0.28	4.7	2.9	10.25	164	0.84	0.01	1.4	3.5
Q017332		0.23	1.03	0.11	0.2	24.1	<0.005	0.13	2.6	2.0	0.90	344	0.57	0.01	0.7	2.8
Q017333		0.74	0.60	0.10	0.1	5.90	<0.005	0.07	2.0	1.4	5.74	555	1.65	0.01	0.4	25.5
Q017334		0.13	0.53	0.10	0.1	4.50	<0.005	0.05	2.5	1.0	3.05	343	0.76	<0.01	0.3	1.3
Q017335		0.51	1.18	0.10	0.3	11.2	0.008	0.15	3.7	2.0	7.00	254	1.50	0.01	1.0	8.1
Q017336		0.15	0.43	0.11	0.1	1.58	<0.005	0.05	1.8	0.8	9.72	170	0.50	0.01	0.3	2.8
Q017337		0.07	0.21	0.15	<0.1	1.02	<0.005	0.02	1.1	0.6	11.90	82	0.20	0.01	0.1	1.3
Q017338		0.08	0.27	0.15	<0.1	1.20	<0.005	0.03	1.6	0.7	7.28	245	0.31	0.01	0.2	2.0

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017329		160	50.1	8.0	0.002	0.01	2.14	2.2	1	0.2	94.6	0.06	<0.05	1.0	0.033	0.80
Q017330		120	98.7	7.7	0.002	0.01	2.15	1.8	1	0.2	80.3	0.06	<0.05	1.0	0.030	0.46
Q017331		120	16.1	10.5	0.002	<0.01	1.04	1.3	1	0.2	72.4	0.10	<0.05	1.3	0.041	0.34
Q017332		90	16.0	5.6	0.003	0.03	0.80	2.0	1	0.2	59.9	0.05	<0.05	0.7	0.022	0.75
Q017333		170	7.2	3.2	<0.002	<0.01	0.89	0.8	1	<0.2	157.5	<0.05	<0.05	0.4	0.012	0.62
Q017334		90	43.2	2.0	0.003	0.02	1.36	2.0	<1	<0.2	40.3	<0.05	<0.05	0.4	0.010	0.24
Q017335		160	91.2	5.7	<0.002	0.03	4.06	2.3	1	0.2	88.0	0.07	<0.05	1.0	0.031	0.36
Q017336		60	6.7	2.1	<0.002	<0.01	0.42	0.7	<1	<0.2	73.1	<0.05	<0.05	0.3	0.008	0.12
Q017337		50	2.5	1.0	<0.002	<0.01	0.23	0.2	1	<0.2	77.4	<0.05	<0.05	<0.2	<0.005	0.05
Q017338		50	8.0	1.1	0.002	<0.01	0.47	1.1	1	<0.2	69.6	<0.05	<0.05	0.2	0.005	0.12

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV42
	Analyte	U	V	W	Y	Zn	Zr	Hg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	0.1
Q017329		3.8	23	0.7	5.9	126	10.3	
Q017330		2.2	16	0.9	4.3	125	9.5	
Q017331		1.3	13	1.1	3.0	142	12.6	
Q017332		3.5	19	0.7	5.4	131	6.8	
Q017333		3.6	13	0.4	3.9	430	4.2	
Q017334		3.6	23	0.5	5.8	161	4.2	
Q017335		4.1	26	1.2	6.7	341	10.4	
Q017336		2.5	13	0.3	3.5	85	3.5	
Q017337		1.7	6	0.1	1.3	51	1.9	
Q017338		2.8	14	0.3	3.9	63	2.3	

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Finalized Date: 16- AUG- 2014
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116720

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

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

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2014
Account: RCM

CERTIFICATE WH14116721

Project: Nadaleen

P.O. No.: T14- 015

This report is for 15 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

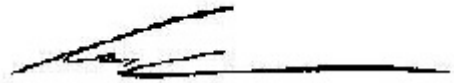
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Finalized Date: 15- AUG- 2014
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116721

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017339		4.10	0.01	0.09	0.34	76.3	50	0.41	0.01	35.7	0.40	4.54	1.0	6	0.26	1.5
Q017340		3.45	0.02	0.17	0.59	133.0	100	0.53	0.01	32.2	0.67	7.28	1.5	8	0.56	3.2
Q017341		0.76	0.03	0.27	1.16	282	220	0.52	0.04	26.0	1.18	13.50	2.9	14	1.40	7.0
Q017342		0.93	<0.01	0.08	0.17	55.1	40	0.26	0.02	27.0	0.26	2.15	0.9	5	0.15	1.2
Q017343		3.59	0.01	0.12	0.21	83.0	60	0.24	0.02	26.8	0.59	2.64	1.2	5	0.18	1.3
Q017344		0.77	0.01	0.22	0.22	76.2	60	0.27	0.02	28.0	0.91	2.74	1.0	5	0.19	1.3
Q017345		4.16	0.04	0.27	0.79	189.0	140	0.38	0.04	31.3	1.57	10.75	2.6	12	0.81	5.4
Q017346		2.85	0.10	0.51	1.07	270	200	0.55	0.05	30.8	4.70	14.75	3.6	18	1.09	8.8
Q017347		5.56	0.03	1.00	1.27	371	180	0.73	0.06	28.7	10.35	16.20	4.4	15	1.26	8.5
Q017348		1.65	0.05	0.57	1.12	260	200	0.66	0.06	30.2	3.94	14.30	3.7	16	1.01	8.9
Q017349		4.15	0.04	0.36	0.84	425	180	0.47	0.04	34.0	8.23	10.15	5.6	11	1.10	7.6
Q017350		0.93	0.10	0.79	2.88	437	420	0.98	0.13	27.6	3.82	30.5	7.2	33	2.80	16.4
Q017351		4.95	0.04	0.55	1.62	427	290	0.95	0.07	28.8	4.38	19.20	5.3	22	1.48	16.3
Q017352		0.74	<0.01	0.02	0.57	193.5	100	0.66	0.03	36.9	0.62	8.07	2.6	9	0.32	2.8
Q017353		5.37	0.07	0.67	1.08	286	230	0.47	0.05	29.6	10.75	16.35	2.9	14	1.02	9.6

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Finalized Date: 15- AUG- 2014
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CERTIFICATE OF ANALYSIS WH14116721

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017339		0.21	0.86	0.12	0.2	2.68	<0.005	0.11	2.6	1.5	0.51	309	0.63	0.01	0.6	2.6
Q017340		0.37	1.54	0.13	0.3	3.99	0.005	0.19	4.0	3.0	3.44	302	0.93	0.01	1.1	5.6
Q017341		0.75	2.94	0.12	0.5	4.28	0.012	0.37	7.6	6.7	6.36	247	1.96	0.03	2.4	13.3
Q017342		0.15	0.49	0.23	0.1	2.37	<0.005	0.05	1.1	1.0	8.37	232	0.37	0.01	0.3	1.9
Q017343		0.18	0.58	0.28	0.1	1.73	<0.005	0.07	1.3	1.1	8.64	256	0.46	0.01	0.4	4.7
Q017344		0.15	0.67	0.34	0.1	1.92	<0.005	0.08	1.4	1.1	6.38	352	0.38	0.01	0.3	3.4
Q017345		0.57	1.92	0.27	0.3	5.94	0.007	0.24	6.2	4.0	2.34	309	2.22	0.02	1.5	11.7
Q017346		0.92	2.72	0.23	0.5	8.51	0.010	0.33	9.3	6.0	1.40	511	3.27	0.04	2.2	18.5
Q017347		0.93	3.27	0.19	0.5	17.1	0.012	0.45	8.1	5.9	3.87	364	3.52	0.03	2.4	20.5
Q017348		0.84	2.79	0.16	0.5	10.60	0.012	0.37	7.8	5.4	2.36	338	2.88	0.03	2.3	15.8
Q017349		1.09	1.97	0.11	0.4	4.96	0.008	0.29	5.2	4.2	1.08	312	4.46	0.03	1.6	30.6
Q017350		1.72	6.86	0.16	1.2	20.5	0.026	0.88	17.6	12.7	0.87	413	6.84	0.07	5.8	37.4
Q017351		1.36	3.76	0.17	0.7	9.58	0.013	0.52	10.3	7.8	1.54	326	5.54	0.06	3.2	27.6
Q017352		0.34	1.43	0.15	0.3	4.50	0.007	0.21	3.7	1.7	0.91	294	1.44	0.01	1.0	8.5
Q017353		0.94	2.68	0.13	0.5	6.54	0.011	0.37	10.8	6.2	2.09	526	4.13	0.05	2.6	16.2

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

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

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

Finalized Date: 15- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116721

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017339		80	15.8	4.5	0.002	0.05	0.79	1.8	1	<0.2	63.0	<0.05	<0.05	0.6	0.019	0.92
Q017340		160	24.4	8.6	0.003	<0.01	1.60	2.4	1	0.2	105.0	0.08	<0.05	1.0	0.033	0.73
Q017341		310	86.3	16.9	<0.002	<0.01	5.02	2.4	1	0.4	133.0	0.16	<0.05	2.0	0.069	1.52
Q017342		40	6.3	2.4	<0.002	<0.01	1.21	0.3	1	<0.2	73.9	<0.05	<0.05	0.3	0.008	0.22
Q017343		80	6.6	3.0	<0.002	<0.01	0.53	0.7	<1	<0.2	52.8	<0.05	<0.05	0.3	0.011	0.38
Q017344		50	15.6	3.3	<0.002	<0.01	0.51	1.5	1	<0.2	42.3	<0.05	<0.05	0.4	0.010	0.37
Q017345		370	45.9	11.2	<0.002	<0.01	3.95	2.3	1	0.3	103.5	0.10	<0.05	1.5	0.045	0.94
Q017346		1120	88.6	16.2	<0.002	<0.01	6.34	3.3	1	0.4	120.0	0.13	<0.05	2.0	0.062	0.89
Q017347		430	171.0	18.7	<0.002	<0.01	5.54	2.8	1	0.5	119.5	0.16	<0.05	2.4	0.069	0.97
Q017348		540	102.0	16.4	0.002	0.02	5.87	2.9	1	0.4	155.0	0.15	<0.05	2.1	0.062	0.98
Q017349		260	65.2	12.6	<0.002	0.01	3.34	2.2	1	0.3	161.0	0.09	<0.05	1.5	0.046	1.24
Q017350		1260	187.0	36.9	<0.002	0.01	8.77	6.0	2	0.9	177.0	0.38	<0.05	5.2	0.162	1.54
Q017351		600	70.1	23.2	0.002	0.02	8.66	3.3	1	0.5	137.0	0.21	<0.05	3.0	0.086	1.42
Q017352		110	3.2	7.9	0.002	0.01	0.65	1.0	1	0.2	130.0	0.07	<0.05	1.1	0.031	0.28
Q017353		820	109.5	17.0	<0.002	0.01	8.30	2.4	1	0.4	144.0	0.16	<0.05	2.2	0.063	0.86

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

Finalized Date: 15- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116721

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
Q017339		3.4	17	0.6	4.9	54	6.1
Q017340		3.1	21	0.9	5.7	84	10.4
Q017341		3.1	28	1.7	5.0	206	20.1
Q017342		0.9	6	0.2	2.3	46	2.9
Q017343		1.1	9	0.3	2.9	80	3.7
Q017344		1.3	11	0.5	4.7	121	3.8
Q017345		4.8	30	1.0	7.0	221	14.5
Q017346		11.4	51	1.2	13.2	400	19.7
Q017347		5.1	31	1.1	7.3	1290	19.8
Q017348		5.8	41	1.2	8.4	484	19.5
Q017349		3.3	27	0.8	6.1	610	14.4
Q017350		9.7	78	3.3	12.2	704	46.7
Q017351		5.3	77	1.2	11.8	530	26.9
Q017352		2.0	8	0.6	3.2	194	10.1
Q017353		9.4	58	0.9	12.8	540	20.3

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CERTIFICATE OF ANALYSIS WH14116721

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2014
Account: RCM

CERTIFICATE WH14120284

Project: NADALEEN

P.O. No.: BATCH T14- 016

This report is for 30 Rock samples submitted to our lab in Whitehorse, YT, Canada on 8- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

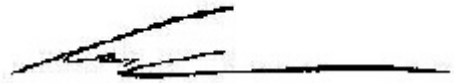
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120284

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017357		0.53	<0.01	0.50	6.97	91.2	1190	1.81	0.52	4.77	1.42	76.5	13.7	90	8.74	46.2
Q017358		0.91	<0.01	0.27	5.93	30.9	1040	1.48	0.45	6.28	1.34	65.3	11.2	74	5.28	35.9
Q017359		0.96	<0.01	0.28	5.41	19.7	1240	1.40	0.41	7.14	1.49	61.4	10.3	78	4.66	33.8
Q017360		0.85	<0.01	0.25	4.97	19.4	920	1.15	0.41	9.19	1.44	54.3	9.3	69	3.95	30.3
Q017361		0.61	<0.01	0.27	4.07	24.7	790	0.96	0.34	11.75	1.52	46.5	8.0	128	3.10	29.5
Q017362		0.39	<0.01	0.27	4.38	23.0	840	1.14	0.33	10.65	1.56	49.9	8.5	102	3.46	29.5
Q017363		0.61	0.01	0.34	6.32	93.8	920	1.45	0.40	6.18	1.59	63.0	12.2	81	6.51	38.1
Q017364		1.29	0.01	0.31	3.70	73.0	1080	0.97	0.31	11.70	2.03	40.6	7.2	47	2.84	26.4
Q017365		0.95	<0.01	0.26	3.49	61.4	860	0.93	0.34	13.30	1.76	38.3	6.7	46	2.69	22.9
Q017366		1.03	<0.01	0.25	3.39	21.7	830	0.90	0.32	12.25	1.68	40.2	6.4	57	2.43	22.5
Q017367		0.76	<0.01	0.25	4.40	20.0	840	1.05	0.33	9.64	1.73	49.0	7.9	66	3.32	28.2
Q017368		0.70	0.01	0.27	3.88	84.8	640	1.01	0.31	14.65	1.40	45.1	8.5	51	3.62	26.9
Q017369		0.39	0.01	0.38	2.26	161.0	290	0.77	0.25	20.9	0.94	25.4	5.0	28	1.73	10.2
Q017370		1.02	<0.01	0.26	3.26	72.9	630	0.95	0.15	9.39	1.68	40.4	7.0	41	2.59	26.7
Q017371		0.90	0.02	0.33	3.17	172.0	550	0.96	0.14	13.55	1.59	42.7	8.5	37	2.75	23.6
Q017372		0.85	<0.01	0.21	2.91	51.8	510	0.88	0.12	12.20	1.16	36.1	6.5	34	2.19	21.5
Q017373		0.62	<0.01	0.24	3.58	24.3	750	0.99	0.14	11.55	1.63	44.0	7.4	42	2.57	23.7
Q017374		0.56	<0.01	0.24	5.16	30.2	810	1.35	0.21	8.87	1.21	60.4	10.4	57	4.09	30.3
Q017375		0.37	<0.01	0.23	4.15	45.7	690	1.18	0.18	11.40	1.42	49.3	9.0	65	3.41	26.9
Q017376		2.03	<0.01	0.39	5.06	40.5	1240	1.35	0.22	6.36	2.19	61.0	11.4	65	4.98	36.6
Q017377		1.42	<0.01	0.23	5.59	17.1	860	1.45	0.24	7.00	1.12	67.2	12.0	60	4.67	32.4
Q017378		1.69	<0.01	0.24	5.60	17.3	890	1.45	0.23	5.61	1.12	64.2	11.9	80	4.68	31.3
Q017379		2.06	<0.01	0.26	5.30	19.9	870	1.34	0.21	6.21	1.35	64.4	11.6	82	4.63	32.9
Q017380		1.24	<0.01	0.25	5.57	23.1	1200	1.46	0.22	5.60	1.24	67.7	11.7	66	4.44	32.7
Q017381		1.29	<0.01	0.35	5.33	16.0	910	1.46	0.23	5.94	1.82	66.0	11.6	65	4.95	35.5
Q017382		1.15	<0.01	0.36	5.10	16.6	930	1.37	0.21	6.37	1.78	62.4	10.8	78	4.60	34.7
Q017383		0.47	<0.01	0.35	5.25	18.4	900	1.41	0.21	6.52	1.84	65.0	11.5	91	4.74	34.9
Q017384		1.53	<0.01	0.23	4.38	62.7	980	1.13	0.17	6.87	1.42	53.7	9.1	60	3.48	28.3
Q017385		1.53	<0.01	0.31	5.28	28.2	910	1.36	0.22	6.34	1.72	65.3	11.6	69	4.70	35.1
Q017386		1.90	<0.01	0.38	5.22	29.1	950	1.34	0.21	7.05	2.09	62.4	11.4	76	4.67	36.9

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120284

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017357		3.96	17.70	0.14	2.8	0.73	0.067	2.24	38.7	48.8	1.16	454	3.44	0.41	12.5	52.5
Q017358		3.45	14.20	0.14	2.4	0.38	0.050	1.92	32.3	41.1	1.59	508	3.97	0.39	11.1	40.5
Q017359		3.25	13.00	0.14	2.4	0.28	0.053	1.76	30.3	36.5	1.56	512	5.13	0.39	10.5	39.5
Q017360		3.01	11.75	0.12	2.0	0.29	0.042	1.61	26.7	32.7	1.76	525	4.40	0.34	9.4	35.8
Q017361		3.06	9.67	0.12	1.6	0.68	0.035	1.33	23.3	28.2	1.89	538	13.35	0.27	7.5	32.8
Q017362		2.99	10.50	0.16	1.8	0.63	0.042	1.43	24.9	31.1	1.95	514	10.05	0.28	8.2	34.0
Q017363		3.76	14.60	0.16	2.4	1.84	0.054	1.88	31.6	41.0	1.15	432	3.18	0.41	10.7	44.7
Q017364		2.55	8.47	0.11	1.5	1.78	0.032	1.20	20.1	23.1	1.59	443	4.46	0.25	7.0	33.0
Q017365		2.33	7.86	0.16	1.6	1.36	0.032	1.12	18.7	22.8	2.00	488	3.37	0.26	6.5	27.6
Q017366		2.42	8.03	0.15	1.4	1.48	0.029	1.12	20.1	26.9	2.14	524	4.60	0.23	6.4	29.1
Q017367		2.78	10.40	0.15	1.8	0.45	0.034	1.45	24.7	32.6	1.84	492	5.72	0.28	8.4	35.3
Q017368		2.65	9.12	0.16	1.7	4.14	0.028	1.21	22.2	25.4	1.64	581	3.75	0.32	7.5	30.6
Q017369		1.36	5.53	0.18	0.9	11.5	0.020	0.75	11.6	13.5	4.56	361	2.40	0.11	3.9	16.8
Q017370		2.22	8.34	0.13	1.4	3.02	0.032	1.06	21.1	28.5	1.86	418	3.29	0.19	6.7	31.9
Q017371		2.69	8.09	0.15	1.4	19.2	0.033	0.96	20.6	25.2	1.53	1020	4.47	0.22	6.1	35.6
Q017372		2.11	7.46	0.14	1.3	1.34	0.028	0.95	18.7	25.8	1.52	436	3.04	0.17	5.8	27.8
Q017373		2.36	9.06	0.14	1.6	0.56	0.035	1.17	22.9	29.6	1.58	442	3.68	0.24	7.2	30.4
Q017374		3.03	13.10	0.16	2.1	0.60	0.047	1.60	30.1	37.7	1.73	456	3.34	0.39	10.0	36.0
Q017375		2.58	10.65	0.14	1.7	1.08	0.038	1.30	24.9	31.0	2.49	427	6.03	0.31	8.3	33.2
Q017376		3.18	13.45	0.15	2.2	0.61	0.047	1.59	30.9	35.5	1.15	495	4.59	0.42	11.7	46.6
Q017377		3.28	14.45	0.15	2.5	0.27	0.049	1.79	32.9	46.5	1.66	547	2.67	0.40	12.2	38.1
Q017378		3.36	13.90	0.16	2.4	0.31	0.047	1.81	31.4	41.3	1.58	556	3.02	0.40	11.5	37.8
Q017379		3.33	13.70	0.15	2.4	0.33	0.051	1.70	31.7	42.7	1.58	525	3.75	0.37	11.9	40.6
Q017380		3.51	13.95	0.14	2.4	0.26	0.047	1.74	33.1	42.4	1.44	603	3.55	0.50	13.1	39.4
Q017381		3.21	14.15	0.17	2.5	0.28	0.045	1.79	33.5	41.2	1.61	501	4.34	0.32	12.8	44.8
Q017382		3.27	13.45	0.13	2.3	0.27	0.047	1.70	31.4	38.3	1.61	513	4.68	0.31	12.0	44.1
Q017383		3.31	14.00	0.15	2.4	0.30	0.047	1.75	32.3	39.2	1.48	501	4.87	0.33	12.4	44.5
Q017384		3.41	11.25	0.12	1.9	0.35	0.042	1.42	26.9	35.4	1.49	463	5.25	0.27	9.2	35.6
Q017385		3.39	13.85	0.16	2.4	0.49	0.047	1.76	32.4	41.0	1.63	519	4.22	0.34	11.7	45.1
Q017386		3.31	13.60	0.15	2.3	0.27	0.046	1.70	31.8	37.5	1.57	489	4.85	0.32	11.9	48.2

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

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

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

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120284

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017357		980	28.9	109.5	0.004	0.07	2.65	13.4	2	1.9	170.0	0.94	0.07	11.4	0.415	1.15
Q017358		900	23.1	86.4	0.007	0.15	2.07	9.9	3	1.7	217	0.80	<0.05	10.1	0.357	0.69
Q017359		910	44.7	77.5	0.005	0.19	2.08	9.0	2	1.5	256	0.77	0.06	9.5	0.327	0.70
Q017360		790	16.4	69.2	0.008	0.18	1.90	8.1	3	1.4	272	0.70	0.05	8.5	0.292	0.63
Q017361		850	18.0	57.5	0.006	0.22	1.85	6.7	2	1.4	266	0.53	0.06	6.7	0.222	0.48
Q017362		740	15.5	63.2	0.008	0.19	1.91	7.3	2	1.4	261	0.58	<0.05	7.4	0.246	0.52
Q017363		940	26.4	88.2	<0.002	0.04	2.13	11.5	1	1.7	138.5	0.79	0.06	9.4	0.385	1.11
Q017364		820	17.3	50.6	0.002	0.06	2.54	6.3	2	1.0	188.5	0.49	<0.05	5.8	0.223	0.70
Q017365		750	16.1	48.1	0.003	0.05	2.08	5.9	1	0.9	239	0.47	0.05	5.5	0.213	0.62
Q017366		800	12.2	48.0	0.007	0.15	1.83	5.9	2	0.9	278	0.46	<0.05	5.7	0.193	0.43
Q017367		770	14.5	61.7	0.008	0.19	2.09	7.0	3	1.3	261	0.59	<0.05	7.5	0.248	0.61
Q017368		710	23.3	53.3	0.002	0.03	1.90	7.4	1	1.1	203	0.55	0.07	6.3	0.256	0.68
Q017369		460	23.8	29.1	<0.002	0.02	1.59	4.6	1	0.7	146.5	0.29	<0.05	3.7	0.130	1.35
Q017370		720	15.3	48.3	0.003	0.04	1.90	6.6	2	1.0	225	0.45	<0.05	5.9	0.183	0.60
Q017371		1060	25.8	44.9	<0.002	0.03	2.33	7.1	2	1.0	192.5	0.42	0.05	5.6	0.180	1.38
Q017372		770	14.3	43.3	0.002	0.03	1.64	6.1	1	0.9	212	0.41	0.05	5.5	0.161	0.47
Q017373		730	14.0	52.4	0.004	0.05	1.96	6.9	1	1.1	287	0.51	<0.05	6.6	0.204	0.49
Q017374		740	18.6	73.9	0.005	0.03	1.79	9.5	1	1.6	223	0.71	<0.05	9.3	0.289	0.69
Q017375		660	20.7	59.0	0.003	0.03	1.70	8.1	2	1.3	209	0.57	<0.05	7.6	0.239	0.73
Q017376		890	19.9	75.2	0.008	0.07	2.60	10.4	3	1.6	193.5	0.75	0.07	9.0	0.316	0.80
Q017377		740	19.5	81.5	0.007	0.19	1.68	10.7	3	1.7	224	0.81	<0.05	10.6	0.343	0.65
Q017378		760	19.5	80.1	0.007	0.18	1.66	10.5	2	1.7	202	0.81	0.05	10.3	0.346	0.66
Q017379		820	18.7	77.8	0.007	0.16	1.87	10.3	3	1.7	209	0.82	<0.05	9.8	0.328	0.63
Q017380		900	33.7	78.3	0.009	0.06	1.81	10.6	3	1.6	209	0.85	<0.05	10.1	0.360	0.61
Q017381		860	18.6	81.4	0.011	0.23	2.47	10.5	3	1.7	210	0.82	0.06	10.5	0.335	0.72
Q017382		890	17.2	76.7	0.011	0.21	2.38	9.8	3	1.7	207	0.80	0.06	9.6	0.318	0.67
Q017383		870	18.0	78.6	0.012	0.22	2.33	10.2	3	1.7	234	0.85	0.05	10.2	0.322	0.69
Q017384		870	16.7	64.7	0.007	0.07	1.82	8.6	3	1.3	216	0.63	0.05	8.0	0.262	0.56
Q017385		890	19.4	79.7	0.009	0.20	2.19	10.4	3	1.6	201	0.79	0.05	9.9	0.330	0.71
Q017386		1020	17.9	79.5	0.010	0.19	2.59	10.3	4	1.6	216	0.78	0.05	9.4	0.323	0.74

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120284

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
Q017357		4.1	204	1.5	23.6	221	96.3
Q017358		3.8	188	1.3	20.1	196	85.2
Q017359		3.7	190	1.1	19.5	200	79.1
Q017360		3.6	181	1.0	17.6	181	70.3
Q017361		3.4	171	0.9	17.0	175	58.4
Q017362		3.5	173	0.9	16.4	176	62.5
Q017363		3.4	172	1.3	21.6	244	84.1
Q017364		3.4	196	0.8	15.5	233	53.5
Q017365		3.2	157	0.8	15.1	185	54.3
Q017366		3.2	170	0.7	15.2	188	49.4
Q017367		3.4	206	0.8	16.6	184	62.7
Q017368		3.4	127	0.9	15.7	172	58.1
Q017369		3.5	62	1.7	10.3	126	35.3
Q017370		3.2	167	0.7	16.8	162	53.0
Q017371		4.2	126	1.0	19.0	216	47.9
Q017372		3.0	138	0.6	17.0	134	48.5
Q017373		3.5	186	0.7	17.7	151	58.1
Q017374		3.5	158	1.1	18.9	159	72.0
Q017375		3.5	148	0.9	16.7	153	61.0
Q017376		3.8	217	1.1	22.7	210	79.9
Q017377		3.7	153	1.1	20.5	165	87.5
Q017378		3.6	157	1.2	20.0	166	85.8
Q017379		3.7	164	1.1	20.6	173	84.2
Q017380		3.6	162	1.2	21.2	174	88.8
Q017381		4.4	209	1.2	21.8	200	88.4
Q017382		4.2	208	1.1	21.3	201	83.0
Q017383		4.3	198	1.1	21.8	197	85.6
Q017384		3.5	183	0.9	20.9	162	71.1
Q017385		4.0	194	1.1	21.8	189	85.7
Q017386		4.4	232	1.1	23.9	217	85.3

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120284

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
CRU- 31 CRU- QC LOG- 21 SPL- 21
WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA26 Hg- CV41 ME- MS61 PUL- 31
PUL- QC

ALS Canada Ltd.

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1016- 510 W HASTINGS ST
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Finalized Date: 23- AUG- 2014
Account: RCM

CERTIFICATE WH14121941

Project: NADALEEN

P.O. No.: BATCH T14- 017

This report is for 14 Rock samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

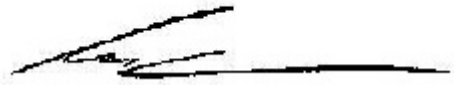
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- AUG- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121941

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017387		1.18	<0.01	0.31	4.66	23.4	870	1.58	0.20	8.28	1.88	56.0	10.7	69	4.17	34.7
Q017388		0.39	<0.01	0.33	5.37	25.8	960	1.54	0.22	6.13	1.89	62.2	11.6	72	4.67	37.2
Q017389		1.00	<0.01	0.30	4.84	26.8	880	1.43	0.22	7.88	1.76	54.6	11.2	74	4.21	37.4
Q017390		1.37	<0.01	0.36	6.12	36.5	1280	1.83	0.26	2.99	1.85	69.8	15.1	77	5.45	42.1
Q017391		1.28	<0.01	0.41	6.45	35.5	1240	1.94	0.30	4.21	2.13	72.5	14.8	79	6.73	45.3
Q017392		0.84	<0.01	0.33	4.83	30.8	940	1.49	0.24	8.02	2.26	56.9	11.6	68	4.51	39.2
Q017393		0.82	<0.01	0.35	5.02	26.7	900	1.49	0.22	7.29	1.88	59.5	10.7	69	4.44	35.0
Q017394		1.21	<0.01	0.37	5.37	28.5	1070	1.65	0.25	6.84	1.93	66.1	12.2	75	5.13	39.8
Q017395		0.88	<0.01	0.33	5.45	39.2	950	1.67	0.25	7.37	1.82	63.3	12.0	80	4.94	37.5
Q017396		1.78	0.01	0.10	0.83	182.0	190	0.60	0.04	35.8	0.78	9.60	1.9	10	0.73	3.9
Q017397		1.51	0.14	2.85	3.30	2060	770	1.45	0.12	1.77	22.3	33.0	4.8	68	3.49	38.7
Q017398		1.09	<0.01	0.25	0.48	376	120	0.44	0.03	35.8	24.4	4.16	6.6	6	0.45	5.9
Q017399		0.81	0.20	3.40	4.91	3640	670	3.66	0.12	2.09	42.9	33.8	10.1	77	3.08	180.5
Q017400		2.48	0.11	8.48	2.96	2890	750	0.85	0.17	0.53	19.70	35.7	3.0	86	4.85	55.9

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CERTIFICATE OF ANALYSIS WH14121941

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017387		3.18	13.10	<0.05	2.2	0.55	0.040	1.54	30.9	41.8	2.30	582	4.31	0.33	10.6	41.1
Q017388		3.52	14.50	0.07	2.5	0.42	0.055	1.76	39.3	44.7	1.63	637	4.61	0.42	11.7	43.4
Q017389		3.27	13.05	0.08	2.3	0.32	0.052	1.50	30.0	43.0	1.68	512	4.66	0.34	10.2	42.2
Q017390		3.78	16.80	0.08	2.7	0.31	0.063	1.83	38.0	44.4	1.22	679	4.10	0.76	13.6	51.7
Q017391		3.74	17.95	0.09	2.7	0.39	0.058	2.12	39.5	51.0	1.41	558	4.96	0.47	13.6	56.3
Q017392		3.39	13.35	0.11	2.3	0.25	0.048	1.58	31.6	42.8	1.71	712	5.35	0.31	10.8	48.9
Q017393		3.19	14.00	0.11	2.3	0.30	0.042	1.58	32.5	40.3	1.55	542	4.78	0.50	10.9	44.8
Q017394		3.75	15.40	0.08	2.5	0.27	0.050	1.77	36.8	46.0	1.57	550	5.26	0.40	12.7	48.9
Q017395		4.01	15.25	0.09	2.4	0.49	0.052	1.78	34.8	46.4	1.46	551	5.66	0.41	11.3	47.1
Q017396		0.51	2.21	0.06	0.4	4.58	0.006	0.30	4.9	3.9	0.51	321	2.61	0.02	1.6	11.5
Q017397		2.81	8.19	0.11	1.2	22.9	0.052	0.99	23.8	12.5	0.24	153	44.6	0.04	5.3	127.0
Q017398		1.45	0.92	0.05	0.1	4.65	0.007	0.11	2.5	2.0	0.16	286	8.82	0.01	0.6	56.8
Q017399		7.07	7.83	0.12	1.1	43.8	0.084	0.95	23.5	12.9	0.16	142	80.4	0.02	4.3	381
Q017400		3.43	10.05	0.10	1.4	99.3	0.054	1.27	24.6	11.9	0.18	79	55.8	0.03	5.9	35.6

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Finalized Date: 23- AUG- 2014
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CERTIFICATE OF ANALYSIS WH14121941

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017387		840	18.7	79.5	0.010	0.18	2.12	9.4	4	1.6	224	0.73	<0.05	8.6	0.291	0.67
Q017388		890	19.3	86.7	0.013	0.19	2.29	10.4	4	1.8	210	0.83	0.06	9.6	0.337	0.65
Q017389		860	17.2	78.3	0.010	0.18	2.27	9.4	4	1.5	230	0.72	0.07	8.4	0.290	0.67
Q017390		1040	22.5	94.3	0.003	0.03	2.60	12.9	2	1.9	185.0	0.91	0.09	10.7	0.386	0.85
Q017391		990	24.3	110.0	0.013	0.11	2.96	12.8	4	2.1	190.5	1.00	0.07	11.8	0.386	0.94
Q017392		910	20.6	81.3	0.012	0.20	2.66	9.5	4	1.6	235	0.75	0.05	8.8	0.291	0.65
Q017393		900	18.5	81.1	0.009	0.16	2.54	9.7	3	1.6	290	0.78	0.08	9.3	0.302	0.70
Q017394		990	20.5	92.6	0.007	0.21	2.60	11.1	3	1.8	228	0.84	<0.05	9.9	0.338	0.76
Q017395		920	19.7	93.4	0.007	0.19	2.44	11.0	3	1.8	210	0.80	0.05	9.7	0.328	0.82
Q017396		160	13.1	12.2	<0.002	0.02	1.19	2.2	1	0.3	97.8	0.11	<0.05	1.4	0.050	0.43
Q017397		4340	291	45.9	0.103	0.18	45.1	4.5	17	1.3	196.5	0.35	0.16	4.0	0.147	23.0
Q017398		660	33.5	4.9	<0.002	0.01	5.61	1.7	2	0.2	290	<0.05	<0.05	0.5	0.016	0.49
Q017399		>10000	464	40.8	0.018	0.16	129.0	5.7	14	1.3	336	0.28	0.13	6.2	0.124	10.20
Q017400		2170	1290	53.6	0.032	0.56	75.5	4.8	15	1.7	160.0	0.41	0.19	6.1	0.160	37.2

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

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

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

Finalized Date: 23- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121941

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q017387		3.7	170	1.1	19.3	214	80.6
Q017388		3.8	188	1.2	20.1	197	85.9
Q017389		3.7	185	1.1	19.4	191	80.8
Q017390		3.4	191	1.5	22.7	205	91.5
Q017391		4.3	232	1.5	22.4	245	98.5
Q017392		4.2	214	1.1	20.2	201	83.1
Q017393		3.9	207	1.1	20.2	191	80.9
Q017394		4.0	203	1.2	22.4	205	92.6
Q017395		3.8	180	1.3	20.5	234	83.2
Q017396		3.9	20	1.0	5.2	179	12.9
Q017397		19.7	915	5.0	27.1	1400	42.0
Q017398		5.7	64	0.7	17.9	1340	5.3
Q017399		49.2	1190	7.0	66.5	5830	40.5
Q017400		14.0	1030	6.1	14.1	598	46.1

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Finalized Date: 23- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121941

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
CRU- 31 CRU- QC LOG- 21 SPL- 21
WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA26 Hg- CV41 ME- MS61 PUL- 31
PUL- QC

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VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2014
Account: RCM

CERTIFICATE WH14123921

Project: NADALEEN

P.O. No.: T14- 018

This report is for 6 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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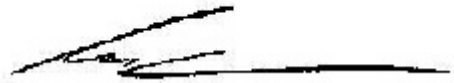
VANCOUVER BC V6B 1L8

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123921

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017401		1.33	0.01	0.22	0.35	174.5	250	0.34	0.03	29.1	4.11	4.38	1.9	4	0.89	3.4
Q017402		1.48	<0.01	0.22	0.17	50.6	260	0.31	0.02	30.7	1.20	2.57	0.6	2	0.34	1.0
Q017403		0.42	0.02	1.45	9.23	4400	2030	3.98	0.34	2.13	2.17	69.9	18.6	117	42.3	92.7
Q017404		3.01	0.05	0.35	0.56	152.5	270	0.34	0.04	30.3	2.04	5.58	1.4	6	1.96	4.7
Q017405		0.78	0.02	0.21	0.47	268	130	1.14	0.02	25.4	4.81	3.43	3.1	4	0.87	47.2
Q017406		1.54	0.03	0.43	0.64	222	290	1.21	0.02	33.2	2.56	5.45	2.3	7	1.47	39.1

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

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

Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123921

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017401		0.40	0.98	0.07	0.2	0.24	<0.005	0.15	3.3	1.6	5.84	211	0.46	0.01	0.6	9.1
Q017402		0.13	0.48	0.13	0.1	0.38	<0.005	0.07	1.8	1.0	4.44	149	0.22	<0.01	0.3	2.5
Q017403		5.23	27.8	0.12	3.4	<0.01	0.082	3.55	33.6	67.7	0.89	266	1.94	0.11	14.7	196.5
Q017404		0.35	1.45	0.09	0.2	0.15	0.005	0.21	3.5	2.7	5.03	205	0.39	0.01	0.8	11.3
Q017405		0.48	0.72	0.09	0.1	0.14	<0.005	0.09	2.0	1.6	8.26	241	0.45	0.01	0.4	23.2
Q017406		0.40	1.04	0.09	0.2	0.37	0.007	0.14	4.1	2.6	1.75	497	0.66	0.01	0.6	18.8

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

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Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123921

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017401		120	37.8	6.0	<0.002	<0.01	2.08	1.1	1	<0.2	167.0	<0.05	<0.05	0.6	0.019	0.13
Q017402		40	31.7	2.9	<0.002	<0.01	1.34	0.7	1	<0.2	179.5	<0.05	<0.05	0.3	0.008	0.06
Q017403		940	155.0	123.5	<0.002	0.04	16.20	14.4	1	3.2	174.5	0.97	0.11	12.2	0.391	5.50
Q017404		130	17.1	9.1	<0.002	<0.01	1.27	1.5	1	0.2	175.5	0.05	<0.05	0.9	0.025	0.30
Q017405		170	15.9	4.2	<0.002	<0.01	1.21	2.0	1	<0.2	146.0	<0.05	<0.05	0.4	0.012	0.21
Q017406		230	21.0	6.2	<0.002	0.02	1.23	1.8	2	<0.2	198.5	<0.05	<0.05	0.6	0.019	0.22

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Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123921

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q017401		2.2	16	1.1	8.2	187	6.7
Q017402		1.1	8	0.5	5.8	81	3.0
Q017403		3.8	467	6.3	22.2	1130	121.0
Q017404		1.8	20	1.7	6.2	121	8.2
Q017405		1.6	18	0.8	20.3	257	6.1
Q017406		3.6	23	0.9	19.0	158	6.0

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VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123921

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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

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Finalized Date: 26- AUG- 2014
Account: RCM

CERTIFICATE WH14123924

Project: NADALEEN

P.O. No.: BATCH T14- 019

This report is for 11 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123924

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017407		0.62	0.27	1.66	8.39	>10000	3660	43.2	0.06	10.75	8.64	23.6	19.1	146	6.42	1165
Q017408		1.90	0.02	0.22	0.63	523	270	2.29	0.02	35.3	2.77	4.40	2.3	7	0.78	78.4
Q017409		0.75	0.13	1.12	5.69	6430	8320	22.2	0.03	24.7	6.96	16.30	8.6	50	3.86	705
Q017410		1.32	0.02	0.52	2.77	1965	2920	6.89	0.03	29.1	3.52	16.20	5.9	28	4.62	279
Q017411		0.77	0.03	0.20	0.05	97.9	90	0.39	0.01	36.7	1.51	2.19	0.8	3	0.08	14.8
Q017412		0.42	0.03	1.75	8.91	5400	>10000	19.30	0.14	2.30	9.63	27.4	22.3	138	23.4	774
Q017413		0.19	0.02	2.14	7.78	>10000	9810	33.0	0.21	1.75	35.4	44.3	52.3	174	11.45	1565
Q017414		1.86	0.04	5.83	6.21	1625	1020	5.79	0.23	2.38	5.28	49.6	17.3	99	16.05	262
Q017415		1.71	0.03	0.68	3.03	2290	440	8.00	0.03	27.4	6.41	10.40	6.7	23	2.17	329
Q017416		1.47	0.02	0.28	0.15	80.9	110	0.51	0.02	36.0	1.27	2.12	0.9	3	0.29	12.0
Q017417		1.04	0.01	0.12	0.03	35.9	100	0.33	0.01	36.8	0.53	1.37	0.5	1	0.08	4.5

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

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123924

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017407		8.32	7.99	0.25	0.6	2.74	0.198	0.47	11.2	20.4	0.23	329	1.37	<0.01	1.9	325
Q017408		0.47	0.62	0.11	0.1	0.26	0.011	0.06	4.6	1.9	0.15	625	0.35	0.01	0.2	29.1
Q017409		3.19	3.93	0.15	0.3	1.38	0.093	0.24	10.3	13.2	0.16	569	0.88	<0.01	1.0	227
Q017410		1.67	3.47	0.14	0.5	0.42	0.056	0.44	10.4	12.7	0.19	684	1.29	0.01	2.0	135.5
Q017411		0.25	0.16	0.12	<0.1	0.24	<0.005	0.01	3.7	0.6	0.13	769	0.24	<0.01	0.1	3.1
Q017412		4.75	18.35	0.18	2.4	1.08	0.244	2.33	13.8	68.7	0.30	296	3.02	0.05	11.4	521
Q017413		18.90	13.65	0.28	2.4	1.76	0.680	1.52	21.9	17.4	0.20	711	76.0	0.01	9.7	663
Q017414		2.97	16.50	0.20	2.7	2.40	0.048	2.59	24.8	10.5	0.29	278	4.74	0.02	16.6	117.5
Q017415		2.01	1.99	0.13	0.3	0.68	0.043	0.23	6.8	3.8	0.13	622	2.80	0.01	1.3	127.0
Q017416		0.17	0.31	0.10	<0.1	0.37	<0.005	0.04	2.5	0.7	0.44	204	0.81	<0.01	0.2	6.7
Q017417		0.10	0.12	0.08	<0.1	0.33	<0.005	0.01	2.2	0.4	0.12	419	0.48	<0.01	0.1	2.0

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

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

Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123924

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017407		5850	24.5	14.7	<0.002	0.09	2.52	57.9	9	0.5	136.0	0.15	<0.05	5.5	0.053	1.49
Q017408		250	8.3	2.8	<0.002	0.01	0.40	3.2	1	<0.2	171.0	<0.05	<0.05	0.4	0.006	0.14
Q017409		2600	14.1	11.3	<0.002	0.21	1.22	26.8	5	0.3	242	0.08	<0.05	2.9	0.027	0.56
Q017410		880	15.4	19.5	<0.002	0.07	1.32	11.2	2	0.4	140.5	0.14	<0.05	2.7	0.052	0.52
Q017411		100	8.4	0.4	<0.002	<0.01	0.23	0.4	1	<0.2	172.0	<0.05	<0.05	<0.2	<0.005	0.04
Q017412		2460	41.3	67.5	0.002	0.36	3.36	32.5	3	2.1	338	0.83	<0.05	7.1	0.276	2.63
Q017413		5050	406	52.2	0.002	0.23	61.0	104.0	11	1.3	169.5	0.63	0.14	14.2	0.199	2.57
Q017414		1220	83.7	90.4	<0.002	0.03	6.67	14.6	3	1.9	128.5	1.10	0.15	8.0	0.359	1.42
Q017415		1390	29.3	9.3	<0.002	0.01	1.53	10.9	3	0.2	146.0	0.09	<0.05	1.7	0.030	0.33
Q017416		90	5.7	1.6	<0.002	<0.01	0.32	0.4	1	<0.2	204	<0.05	<0.05	0.2	0.006	0.04
Q017417		50	7.1	0.4	<0.002	<0.01	0.23	0.1	1	<0.2	195.0	<0.05	<0.05	<0.2	<0.005	0.02

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

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

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

Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123924

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62	Ba- XRF10
	Analyte	U	V	W	Y	Zn	Zr	As	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
Q017407		49.9	371	1.6	438	1520	18.1	1.760	
Q017408		3.7	21	0.5	33.1	181	2.6		
Q017409		19.5	146	1.3	225	1120	10.0		
Q017410		8.4	81	2.3	70.8	560	17.8		
Q017411		3.5	9	0.4	11.4	36	0.7		
Q017412		18.3	354	11.1	107.5	1900	80.9		4.02
Q017413		43.4	492	29.2	289	3120	82.2	1.770	
Q017414		4.8	365	18.3	40.0	526	101.5		
Q017415		10.7	64	2.3	98.8	724	10.6		
Q017416		3.0	14	0.4	8.4	62	2.0		
Q017417		2.2	10	0.3	4.6	25	1.9		

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

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

Finalized Date: 26- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123924

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	SPL- 21
WEI- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Ba- XRF10	Hg- CV41
ME- MS61	ME- OG62	ME- XRF10	OA- GRA06
PUL- 31	PUL- QC		

ALS Canada Ltd.

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

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

Finalized Date: 9- SEP- 2014
Account: RCM

CERTIFICATE WH14125433

Project: NADALEEN

P.O. No.: BATCH T14- 020

This report is for 11 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

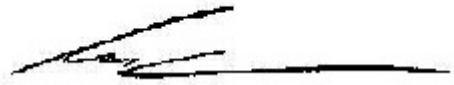
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 9- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125433

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017418		2.01	0.38	1.86	1.65	771	340	1.85	0.05	29.5	1.95	14.50	3.2	20	3.07	65.7
Q017419		0.26	0.19	1.44	0.21	120.5	70	0.51	0.02	36.6	0.83	3.75	0.9	2	0.26	15.2
Q017420		2.57	0.28	8.79	6.60	1170	1110	2.17	0.28	0.28	1.92	78.9	9.9	98	22.5	75.7
Q017421		3.00	0.25	5.75	6.11	1820	1250	2.78	0.25	0.25	4.98	74.4	10.4	94	22.0	122.5
Q017422		1.42	0.06	0.97	4.40	9950	1330	4.82	0.10	13.95	16.10	32.7	22.8	46	7.55	192.0
Q017423		2.13	0.14	0.71	4.83	4310	1570	1.21	0.27	0.13	0.17	60.8	0.8	75	16.55	18.9
Q017424		0.57	0.01	0.67	5.15	4450	2450	2.29	0.24	0.44	3.85	61.5	6.7	83	15.85	85.6
Q017425		3.12	0.01	0.79	2.63	266	2110	1.07	0.11	18.35	3.24	31.2	4.0	58	6.40	32.1
Q017426		1.10	<0.01	0.45	1.66	254	1090	1.03	0.04	26.0	1.44	15.05	1.5	16	6.90	5.4
Q017427		1.47	0.01	0.52	1.21	395	300	0.88	0.05	30.3	2.47	13.10	3.3	13	2.44	7.2
Q017428		0.90	0.01	0.26	0.56	197.5	120	0.47	0.03	33.5	1.22	6.86	3.3	6	1.19	5.5

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

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

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

Finalized Date: 9- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017418		1.04	3.24	0.18	0.5	2.52	0.030	0.46	10.8	3.6	0.16	775	11.30	0.01	2.9	38.5
Q017419		0.20	0.42	0.17	<0.1	1.33	0.008	0.04	5.1	1.2	0.15	1100	0.43	0.02	0.2	3.7
Q017420		2.56	19.75	0.31	2.9	7.24	0.043	2.98	43.8	13.4	0.37	225	4.26	0.03	20.8	45.2
Q017421		3.81	18.30	0.24	2.7	5.68	0.059	2.66	41.7	13.8	0.36	207	6.96	0.03	19.2	51.0
Q017422		10.35	9.23	0.11	0.9	2.75	0.040	0.83	15.1	18.7	0.19	236	7.62	0.01	5.3	211
Q017423		2.29	16.45	0.13	2.7	2.76	0.103	2.38	37.0	14.2	0.36	12	12.30	0.03	18.2	14.9
Q017424		5.44	16.25	0.15	2.2	0.57	0.062	2.19	35.8	21.2	0.39	86	8.38	0.04	14.9	49.1
Q017425		1.59	7.16	0.09	1.1	0.32	0.021	0.83	19.9	11.6	1.24	233	4.92	0.15	6.0	35.4
Q017426		0.63	4.81	0.13	0.7	0.59	0.010	0.74	7.8	6.9	5.99	262	0.64	0.02	3.1	21.0
Q017427		0.77	3.16	0.11	0.5	0.74	0.007	0.51	7.2	5.2	1.79	341	5.27	0.02	2.2	60.4
Q017428		0.46	1.56	0.11	0.2	0.56	<0.005	0.20	4.1	3.1	0.29	472	2.06	0.04	1.1	46.0

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

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

Finalized Date: 9- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017418		1010	28.6	18.9	<0.002	<0.01	5.95	5.0	3	0.3	298	0.17	<0.05	1.7	0.063	1.29
Q017419		200	7.1	1.7	<0.002	<0.01	0.42	0.9	1	<0.2	243	<0.05	<0.05	0.2	0.005	0.16
Q017420		850	38.4	137.0	0.003	0.14	10.35	10.9	3	2.1	297	1.20	0.13	10.8	0.402	13.65
Q017421		1080	41.1	125.0	0.005	0.06	11.30	12.4	4	2.0	265	1.16	0.12	10.1	0.365	6.97
Q017422		3240	26.2	39.8	<0.002	0.07	11.25	11.4	11	0.5	131.0	0.33	<0.05	4.7	0.108	1.15
Q017423		850	24.4	113.0	0.011	0.59	6.88	9.2	8	1.8	89.5	1.10	0.09	9.5	0.364	6.60
Q017424		1130	21.8	104.5	<0.002	0.13	6.87	8.0	2	1.4	99.3	0.89	0.06	9.9	0.304	1.77
Q017425		850	17.8	42.6	<0.002	0.05	2.95	5.9	4	0.7	222	0.37	<0.05	4.1	0.155	0.71
Q017426		170	43.6	30.3	<0.002	0.01	0.83	2.7	2	0.3	154.5	0.19	<0.05	2.7	0.096	0.55
Q017427		350	36.9	19.9	0.003	<0.01	1.59	2.6	2	0.2	205	0.14	<0.05	2.0	0.065	0.98
Q017428		200	15.9	8.9	<0.002	<0.01	0.67	1.3	2	<0.2	186.5	0.07	<0.05	1.0	0.031	0.53

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

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

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

Finalized Date: 9- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125433

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
Q017418		5.7	97	5.0	42.7	184	21.5	
Q017419		3.0	18	0.8	21.6	22	1.6	
Q017420		5.0	434	19.5	27.3	183	122.5	
Q017421		4.8	415	17.9	40.8	281	116.0	
Q017422		9.7	331	3.3	61.7	1400	38.8	0.972
Q017423		3.5	339	8.7	12.6	11	110.5	
Q017424		3.9	386	5.2	27.0	568	105.5	
Q017425		3.0	169	1.3	18.3	169	46.8	
Q017426		2.2	33	4.6	6.6	342	23.4	
Q017427		7.5	31	3.3	10.2	451	16.9	
Q017428		3.5	19	1.1	9.0	215	8.2	

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

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

Finalized Date: 9- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125433

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

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

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

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

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

Finalized Date: 16- SEP- 2014
Account: RCM

CERTIFICATE WH14129367

Project: NADALEEN

P.O. No.: BATCH T14- 021

This report is for 11 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

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

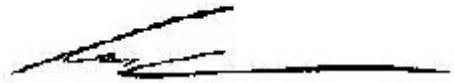
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129367

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q017429		1.25	0.01	0.35	0.55	201	120	0.41	0.03	35.7	2.60	7.15	2.7	6	1.31	5.9
Q017430		0.63	0.02	0.81	7.53	881	870	2.61	0.27	9.53	3.63	80.0	18.8	81	23.9	70.9
Q017431		1.19	0.01	0.12	1.02	131.0	160	0.55	0.05	35.3	0.72	12.35	2.5	12	3.30	8.2
Q017432		1.09	<0.01	0.08	0.15	23.4	70	0.11	0.01	37.7	0.61	2.66	0.8	4	0.37	2.6
Q017433		1.10	<0.01	0.11	0.22	70.5	100	0.21	0.02	36.8	2.16	3.77	1.3	4	0.63	3.4
Q017434		1.04	<0.01	0.17	0.42	296	150	0.44	0.02	35.7	2.46	5.75	2.7	7	1.44	7.5
Q017435		1.50	<0.01	0.42	4.50	418	460	1.71	0.18	9.95	1.13	53.3	7.1	48	14.70	42.6
Q017436		0.82	<0.01	0.07	0.35	34.0	70	0.20	0.02	25.2	0.88	5.29	0.8	4	1.13	5.1
Q017437		0.60	<0.01	0.55	5.68	89.3	590	1.79	0.23	6.85	0.86	70.2	4.7	60	17.95	45.0
Q017438		0.70	<0.01	0.05	0.31	90.5	50	0.19	0.02	22.3	1.16	4.21	1.0	4	1.13	5.0
Q017439		0.94	<0.01	0.07	0.12	27.3	80	0.20	0.01	35.6	0.44	2.66	0.7	4	0.34	2.1

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

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

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

Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q017429		0.44	1.40	<0.05	0.2	0.73	0.007	0.22	3.9	3.0	0.46	355	2.13	0.02	1.0	35.9
Q017430		4.12	19.35	0.10	2.9	1.50	0.067	2.77	43.9	44.3	1.02	845	5.90	0.16	12.9	166.5
Q017431		0.56	2.72	<0.05	0.4	0.18	0.011	0.36	8.2	6.8	0.21	277	0.91	0.03	1.6	15.6
Q017432		0.10	0.42	0.05	0.1	0.09	<0.005	0.05	3.0	1.0	0.14	243	0.23	0.01	0.3	3.0
Q017433		0.20	0.62	0.06	0.1	0.24	0.005	0.07	3.9	1.7	0.29	348	0.38	0.01	0.4	13.7
Q017434		0.57	1.08	<0.05	0.2	0.25	0.007	0.13	6.4	3.1	0.84	264	1.68	0.01	0.6	68.8
Q017435		1.93	11.85	0.10	2.1	0.90	0.049	1.60	30.1	38.1	3.35	122	2.46	0.08	8.1	55.9
Q017436		0.16	1.01	0.13	0.2	0.26	0.005	0.12	3.6	2.9	10.00	45	0.16	0.01	0.6	5.6
Q017437		1.12	15.10	0.18	2.7	1.27	0.057	2.00	39.9	49.9	1.80	85	0.61	0.10	11.0	46.3
Q017438		0.25	0.89	0.16	0.1	0.07	0.006	0.11	2.9	2.5	11.25	55	0.33	0.01	0.5	7.4
Q017439		0.09	0.41	0.16	0.1	0.24	<0.005	0.04	2.9	0.8	2.69	49	0.15	0.01	0.2	3.1

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

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q017429		280	22.3	10.0	<0.002	0.01	0.83	1.3	<1	0.2	185.5	0.07	<0.05	1.0	0.031	0.40
Q017430		960	68.0	133.5	<0.002	0.04	4.52	13.2	1	2.3	176.5	0.90	0.10	13.7	0.367	3.74
Q017431		380	12.7	18.3	0.002	0.01	0.59	3.5	<1	0.4	194.0	0.11	<0.05	1.9	0.049	0.43
Q017432		230	7.1	2.5	<0.002	<0.01	0.20	0.7	<1	<0.2	201	<0.05	<0.05	0.3	0.008	0.08
Q017433		150	5.9	3.7	<0.002	<0.01	0.76	0.6	1	<0.2	288	<0.05	<0.05	0.4	0.012	0.13
Q017434		210	18.4	6.7	<0.002	0.01	1.11	1.0	3	0.2	393	<0.05	<0.05	0.7	0.019	0.30
Q017435		620	35.1	81.1	0.002	<0.01	2.22	8.2	<1	1.4	155.0	0.56	0.08	9.0	0.251	1.54
Q017436		110	6.1	5.9	<0.002	<0.01	0.17	1.3	<1	<0.2	189.5	<0.05	<0.05	0.7	0.019	0.10
Q017437		730	31.6	103.0	0.002	0.01	0.91	9.0	<1	1.9	182.5	0.78	0.07	11.8	0.333	1.97
Q017438		130	5.9	5.4	<0.002	<0.01	0.36	1.1	<1	0.2	96.5	<0.05	<0.05	0.6	0.017	0.11
Q017439		110	5.2	2.0	<0.002	<0.01	0.18	0.4	<1	<0.2	241	<0.05	<0.05	0.2	0.007	0.05

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

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CERTIFICATE OF ANALYSIS WH14129367

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q017429		3.8	18	1.1	6.8	289	8.7
Q017430		5.8	229	3.2	28.3	893	103.5
Q017431		5.4	40	0.5	11.2	90	13.8
Q017432		4.6	11	0.2	7.0	19	2.3
Q017433		3.2	15	0.3	6.7	75	3.6
Q017434		3.4	25	0.7	10.7	274	6.1
Q017435		3.0	184	1.5	19.3	391	72.2
Q017436		0.6	17	0.2	8.3	40	5.8
Q017437		3.8	220	1.8	21.2	413	94.0
Q017438		0.9	17	0.2	7.5	51	5.5
Q017439		2.6	9	0.2	6.0	28	1.8

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

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Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129367

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	SPL- 21
WEI- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- QC			

APPENDIX VIII

DIAMOND DRILLING - SAMPLING METHODS, ANALYSIS, DATA VERIFICATION AND QA/QC RESULTS

2014 Drill Core Sampling Methods, Sample Analysis, Data Verification and QA/QC Results

Geotechnical and geological logging was performed on all drill core from the 2010 to 2014 programs. A geotechnical log was filled out prior to geological logging of drill core and included the conversion, of drill marker blocks from imperial to metric and determinations of recovery, rock quality designations (RQD), hardness and weathering. Wetted core photographs were taken and catalogued prior to logging.

Random samples were collected for density measurements using both wet and dry evaluation methods to provide base level density data for resource evaluation.

All logging data were recorded as a hardcopy during the day and transcribed to digital format during the evenings.

Drill core samples were collected using the following procedures:

1) Core was reassembled, lightly washed and measured.
2) Core was photographed.
3) Core was geotechnically logged.
4) Core was geologically logged and sample intervals were designated. Sample intervals were set at geological boundaries, drill blocks or sharp changes in visual mineral content.
5) Core recovery was calculated for each sample interval.
6) In 2010, visually promising core intervals were sawn in half using a rock saw and the remainder was split with an impact core splitter. In 2011 and 2014, intervals of core deemed to hold promise of gold mineralization were sawn in half using a rock saw and the remainder left unsampled. All drill intervals not sawn had chips sampled every ten centimetres for up to six metre long intervals of core.
7) Samples were double bagged in 6 mm plastic bags, a sample tag was placed in each sample bag, then two or three samples were placed in a durable fiber bag sealed with a metal clasp and sample numbers were written on the outside of that bag with permanent felt pen. The fibre bag was sealed with a numbered security tag.
8) Two blank and two standard samples were randomly included in every batch of 31 core samples (in 2012 to 2014, batches comprised 30 core samples).
9) One quarter-split duplicate sample was included in every batch of 31 core samples (in 2012 to 2014, batches comprised 30 core samples).
10) In 2012 and 2014, one coarse reject (laboratory) duplicate sample was included in every batch of 30 core samples.

Core recovery is generally poor in the top 10-20 metres of the holes and excellent below that, averaging 90% for all drilled intervals from the 2010 to 2014 drill programs at the Nadaleen Trend Drill Zones. Care was taken to ensure that the sample split was not biased to sulphide content and, therefore, the sampling should be reliable and representative of the mineralization.

Sample Handling and Security

Drill core was flown by helicopter from the drill sites to a logging and sampling area in the Nadaleen Camp. The samples were later flown by helicopter to the Stewart Airstrip, flown by fixed wing to the Mayo airport and transported to Whitehorse by truck. All samples were controlled by employees of Archer Cathro until they were delivered directly to ALS Minerals' laboratory in Whitehorse for preparation. ALS Minerals was responsible for shipping the prepared sample splits to its North Vancouver laboratory, where they were analyzed.

Archer Cathro ensured that a Chain of Custody form accompanied all batches of drill core during transportation from the Property to the laboratory. A unique security tag was attached to each individual fibre bag when the bag was sealed. The bags and security tags had to be intact in order to be delivered to ALS Minerals.

Sample Analysis

All samples were sent to ALS Minerals' laboratory in Whitehorse for preparation and then on to its laboratory in North Vancouver for analysis. ALS Minerals, a wholly owned subsidiary of ALS Limited, is an independent commercial laboratory specializing in analytical geochemistry services. Both ALS Minerals' Whitehorse and North Vancouver laboratories are individually certified to standards within ISO 9001:2008. The North Vancouver laboratory has also received accreditation to ISO/IEC 17025:2005 from the Standards Council of Canada for several analytical methods.

All rock and core samples were dried, fine crushed to better than 70% passing -2 mm and then a 250 g split was pulverized to better than 85% passing 75 microns. The pulverizing circuit was cleaned with quartz sand twice between core samples. Pulps were then analyzed at ALS Minerals in North Vancouver where gold determinations were carried out. Splits of the pulverized fraction were routinely dissolved in aqua regia and analyzed for 49 elements using inductively coupled plasma (ICP) together with mass spectrometry (MS) or atomic emission spectroscopy (AES). Gold analyses were by the Au-AA26 procedure that involves fire assay preparation using a 50 gram charge with an atomic absorption spectroscopy finish. Mercury analyses are performed using atomic absorption spectroscopy (AAS).

DATA VERIFICATION

Database

Geological and geotechnical logging prior to 2010 was initially recorded as a hardcopy and then transcribed into MS Excel®. In 2011 through 2014, logging was recorded as a hardcopy and then entered into a MS SQL Server® database. All of the 2010 data has been transferred to the database.

Visual comparison of hardcopy data and digital data was conducted on select holes to ensure accuracy. Any discrepancies identified by this process were investigated, by examining the core stored on the Property, and corrected.

Collar Locations

All drill hole collars were located and recorded using a Trimble RTK GPS system.

Down-hole Orientations

Prior to 2011, no down-hole azimuth measurements were made and dip deviations were measured using an acid test at the bottom of each hole.

Original 2011 to 2014 survey data obtained from the Reflex survey tools supplied by the drill contractor in CSV format has been imported directly into the MS SQL Server® database. All of the down-hole data was visually inspected and erroneous data has been omitted.

Assays

Assay certificates, for all of the drilling done to date, were obtained from ALS Minerals in CSV format and imported directly into the MS SQL Server® database. Spot checking of data within the database to hard copy certificates issued by ALS Minerals has not revealed any issues.

Samples from the diamond drilling programs were subjected to a QA/QC program designed by Archer Cathro for ATAC. The QA/QC program consisted of:

1) Sequentially numbered sample tickets: to identify each sample with a unique number to minimize the possibility of sample numbering errors and to ensure uniform collection of sample data.
2) Sealed sample bags: to secure individual sample bags in order to reduce the possibility of sample contamination, spilling or tampering.
3) Chain of custody: samples were stored in a secure preparation area and delivered to the laboratory directly by Archer Cathro personnel.
4) Sample duplicates: select samples were quartered and re-submitted for assay. In addition, duplicates of coarse reject material of select 2012 through 2014 samples were re-submitted for assay.
5) Sample blanks: commercial samples were purchased and inserted in the sample sequence. All blank samples yielded background values, including samples inserted directly following a “standard” value to test for “smear effect” during the sample preparation process, indicating no observable contamination. These blanks each comprised 5 kg (NQ samples) and 7 kg (HQ samples) of material and were assigned unique sample numbers within the sample sequence so as to be “blind” to the laboratory.
6) Reference standard samples: commercially available standard samples consider matrix compatible with Nadaleen Trend –style gold mineralization were purchased for the 2010 through 2012 drill programs. Four standards were prepared from coarse reject material

from the 2012 core samples for use during the 2012 through 2014 drill programs. Standards were assigned a unique sample number within the sample sequence.

The consensus and two standard deviation values for each of the standard samples used during the 2014 program while the certificates for each of the standard samples prepared occur in the following pages.

Standard Sample Parameters

Standard Name	Standard Gold Grade	2Sigma
OS-CS1	0.49	0.52
OS-CS2	2.54	2.70
OS-CS3	7.75	8.19
OS-CS4	12.8	13.19

Of the 40 batches analyzed in 2014 all passed the QA/QC program with the exception of batch 14-032 which returned a value of 12.1 g/t Au for standard OS-CS4 – below the acceptable limit for this standard. The entire batch was reanalyzed and the standard in question returned an acceptable result of 12.6 g/t Au. All gold results from the reanalysis of this batch replace the original values in the database.

SMEE & ASSOCIATES CONSULTING LTD.
CONSULTING GEOCHEMISTRY / GEOLOGY

Certificate of Analysis

ATAC OS CS 1

Element	Certified Mean	Two Standard Deviations (between lab)
FA Au Inst.	**0.490 g/t**	**0.030 g/t**

Means and standard deviations were calculated from data supplied by six laboratories. Instructions to the laboratories were for the laboratory to finish the fire assay gold with AAS or ICP and with gravimetric if above 5 g/t.

The participating laboratories were:

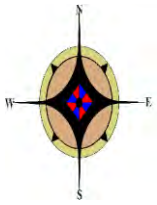
ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data (shown as the 1st Iteration in the attached Excel spreadsheets). The standard deviation values are known as the "Between Lab" deviations, and can be used to monitor accuracy of a single analysis.

Standards with a Relative Standard Deviation (RSD) of near or less than 5 % are classified as Certified, RSD's of between near 5 % and 15 % are classified as Provisional and must be used with caution when assessing the accuracy of a single analysis, and RSD's of more than 15 % are Indicated and cannot be used to monitor accuracy.

The bulk standards were prepared and packaged by CDN Labs of Langley B.C. Each bulk sample was pulverized in a large rod mill, screened through 270 mesh using an electric sieve, and homogenized in a large rotating mixer.

Barry W. Smee, Ph.D., P.Geo.
June, 2013



SMEE & ASSOCIATES CONSULTING LTD.
CONSULTING GEOCHEMISTRY / GEOLOGY

Certificate of Analysis

ATAC OS CS 2

Element	Certified Mean	Two Standard Deviations (between lab)
FA Au Inst.	**2.544 g/t**	**0.158 g/t**

Means and standard deviations were calculated from data supplied by six laboratories. Instructions to the laboratories were for the laboratory to finish the fire assay gold with AAS or ICP and with gravimetric if above 5 g/t.

The participating laboratories were:

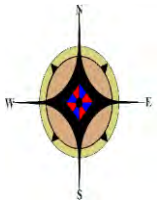
ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data (shown as the 1st Iteration in the attached Excel spreadsheets). The standard deviation values are known as the "Between Lab" deviations, and can be used to monitor accuracy of a single analysis.

Standards with a Relative Standard Deviation (RSD) of near or less than 5 % are classified as Certified, RSD's of between near 5 % and 15 % are classified as Provisional and must be used with caution when assessing the accuracy of a single analysis, and RSD's of more than 15 % are Indicated and cannot be used to monitor accuracy.

The bulk standards were prepared and packaged by CDN Labs of Langley B.C. Each bulk sample was pulverized in a large rod mill, screened through 270 mesh using an electric sieve, and homogenized in a large rotating mixer.

Barry W. Smee, Ph.D., P.Geo.
June, 2013



SMEE & ASSOCIATES CONSULTING LTD.
CONSULTING GEOCHEMISTRY / GEOLOGY

Certificate of Analysis

ATAC OS CS 3

Element	Certified Mean	Two Standard Deviations (between lab)
FA Au Grav.	**7.75 g/t**	**0.44 g/t**

Means and standard deviations were calculated from data supplied by six laboratories. Instructions to the laboratories were for the laboratory to finish the fire assay gold with AAS or ICP and with gravimetric if above 5 g/t.

The participating laboratories were:

ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data (shown as the 1st Iteration in the attached Excel spreadsheets). The standard deviation values are known as the "Between Lab" deviations, and can be used to monitor accuracy of a single analysis.

Standards with a Relative Standard Deviation (RSD) of near or less than 5 % are classified as Certified, RSD's of between near 5 % and 15 % are classified as Provisional and must be used with caution when assessing the accuracy of a single analysis, and RSD's of more than 15 % are Indicated and cannot be used to monitor accuracy.

The bulk standards were prepared and packaged by CDN Labs of Langley B.C. Each bulk sample was pulverized in a large rod mill, screened through 270 mesh using an electric sieve, and homogenized in a large rotating mixer.

Barry W. Smee, Ph.D., P.Geo.
June, 2013

SMEE & ASSOCIATES CONSULTING LTD.
CONSULTING GEOCHEMISTRY / GEOLOGY

Certificate of Analysis

ATAC OS CS 4

Element	Certified Mean	Two Standard Deviations (between lab)
FA Au Grav.	**12.80 g/t**	**0.39 g/t**

Means and standard deviations were calculated from data supplied by six laboratories. Instructions to the laboratories were for the laboratory to finish the fire assay gold with AAS or ICP and with gravimetric if above 5 g/t.

The participating laboratories were:

ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data (shown as the 1st Iteration in the attached Excel spreadsheets). The standard deviation values are known as the "Between Lab" deviations, and can be used to monitor accuracy of a single analysis.

Standards with a Relative Standard Deviation (RSD) of near or less than 5 % are classified as Certified, RSD's of between near 5 % and 15 % are classified as Provisional and must be used with caution when assessing the accuracy of a single analysis, and RSD's of more than 15 % are Indicated and cannot be used to monitor accuracy.

The bulk standards were prepared and packaged by CDN Labs of Langley B.C. Each bulk sample was pulverized in a large rod mill, screened through 270 mesh using an electric sieve, and homogenized in a large rotating mixer.

Barry W. Smee, Ph.D., P.Geo.
June, 2013

APPENDIX IX

DIAMOND DRILLING - GEOLOGICAL, GEOTECHNICAL AND SAMPLE LOGS

Rock Type Legend	
Code	**Name**
-?-	Unknown
ARG	Argellite
CGL	Conglomerate
DMT	Diamictite
DST	Dolostone
FLR	Fault Rock
FLT	Fault
INT	Intermediate Rock
LST	Limestone
MST	Mudstone
OVB	Overburden
SED	Sedimentary Rock
SHL	Shale
SLC	Siliciclastic
SLT	Siltstone
SST	Sandstone

Unit Legend	
Code	**Name**
---	None
AN-LST1	Poorly Bedded Micritic Limestone
AN-LST3	Fossiliferous Limestone
A-NONAD	Amon - Nodad Mudstone
AN-SLT1	Variably calcaresour carbonaceous Siltstone
AN-SLT2	Interbedded Limestone within Argillite
C-DMT	Conrad Diamictite
C-DST	Conrad Dolostone
C-FLR	Conrad Fault Rock
C-INT	Conrad Intrusive
C-LST1	Conrad Limestone 1
C-LST2	Conrad Limestone 2
C-NONAD	Nonad Mudstone
C-SHL	Conrad Black Shale
C-SLC	Conrad Siliciclastic
HY-LST1	Thickly bedded calcareous floatstone
HY-SLT1	Interbedded Siltstone within calcareous floatstone
IA-DST	Isis-Amon Dolostone
IA-SLT	Isis-Amon Siltstone1
O-DMT	Osiris Diamictite
O-DST	Osiris Dolostone
O-LST1	Osiris - Ping B
O-LST2	Osiris-Algae Limestone
O-MST1	Ping A Mudstone
O-SLT1	Ping B Siltstone
O-SLT2	Algae Mudstone
OVB	Overburden
PY-ARG	Pyramid - Argillite
PY-LST	Pyramid - Limestone
PY-MST	Pyramid-Mudstone
PY-SLC	Pyramid -Siliciclastic

Alteration Type Legend	
Code	**Name**
---	Not Applicable
ARG	Argillic
ASO	Arsenic Oxide
BLE	Bleached
CLY	Clay
DCA	Decalcification
DOL	Dolomite
HEM	Hematite
LIM	Limonite
MBL	Marbleized
OXI	Oxidized
SER	Sericite
SID	Siderite
SIL	Silica

Alteration Intensity Legend	
Code	**Name**
--	N/A
0I	None
1I	Trace
2I	Weak
3I	Moderate
4I	Strong
5I	Intense

Colour Legend	
Code	**Name**
--	N/A
BF	buff
BG	beige
BK	black
BL	blue
BN	brown
BR	brass
CR	cream
GN	green
GY	grey
OL	olive
OR	orange
PK	pink
PU	purple
RD	red
SI	silver
TN	tan
TP	taupe
WH	white
YW	yellow

Grain Size Legend	
Code	**Name**
--	N/A
CG	Coarse
FG	Fine
MG	Medium
VC	Very Coarse
VF	Very Fine

Hardness Legend	
Code	**Name**
--	N/A
1H	Very Soft
2H	Soft
3H	Moderately Hard
4H	Hard
5H	Very Hard

HCL Reactivity Legend	
Code	**Name**
--	N/A
0R	None
1R	Weak
2R	Moderate
3R	Strong
4R	Intense

Joint Roughness Legend	
Code	**Name**
1	Slickenside
2	Smooth
3	Rough
4	Very Rough
5	Hackley

Joint Shape Legend	
Code	**Name**
1	Planar
2	Slightly Undulating
3	Curved/Undulating
4	Stepped
5	Irregular

Mineral Legend	
Code	**Name**
--	N/A
Ak	Ankerite
As	Arsenopyrite
Ba	Barite
Ca	Calcite
Cb	Carbonate
Ci	Cinnabar
Cl	Chlorite
Cn	Carbon
Cp	Chalcopyrite
Do	Dolomite
Fl	Fluorite
Gn	Galena
Gr	Graphite
He	Hematite
Li	Limonite
Ma	Marcasite
Om	Orpiment
Py	Pyrite
Qz	Quartz
Re	Realgar
Se	Sericite
Sp	Sphalerite
St	Stibnite
Un	Unknown

Shade Legend	
Code	**Name**
--	N/A
DK	dark
LT	light
MD	medium

Strain Legend	
Code	**Name**
--	N/A
1S	Very Weak
2S	Weak
3S	Moderate
4S	Strong
5S	Very Strong

Strength Legend	
Code	**Name**
--	N/A
0S	Extremely Weak
1S	Very Weak
2S	Weak
3S	Moderate
4S	Strong
5S	Very Strong
6S	Extremely Strong

Structure Legend	
Code	**Name**
AP	Axial Plane
BD	Bedding
BX	Breccia
CV	Cleavage
DY	Dyke
FA	Fold Axis
FD	Fold
FO	Foliation
FR	Fracture
FT	Fault
GO	Gouge
JT	Joint
LA	Lamination
LI	Lineation
NF	Nadaleen Fault
SH	Shear
SN	Strain
SS	Slickenside
ST	Stringer
ST	Stylolite
VB	Vein Breccia
VN	Vein
VT	Veinlet

Texture Legend	
Code	**Name**
---	Not Applicable
AN	Aphanitic
BD	Bedded
BL	Blebby
BN	Banded
BU	Bouma
BX	Breccia
CR	Crackled
DB	Debris flow
DI	Disseminated
EU	Euhedral
FL	Floatstone
FO	Foliated
FR	Fractured
FS	Fossiliferous
GR	Grainstone
IN	Interstitial
MA	Massive
PA	Patchy
PB	Pebbly
PK	Packestone
PO	Porphyritic
RB	Rubbly
RD	Rudstone
RX	Recrystalized
SD	Soft-Sediment Deformed
SH	Sheared
SN	Strained
VU	Vuggy
WK	Wackestone
XL	Crystalline

Weathering Legend	
Code	**Name**
--	N/A
1W	Fresh
2W	Slightly Weathered
3W	Moderately Weathered
4W	Highly Weathered
5W	Extremely Weathered

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619035	7112969	1492.55	198.12

ZONE: Anubis

SECTION:

HOLE: AN -14-007

CLAIM: Dale 12

Contractor: Superior

Drill: 5

Core Size: HQ

Casing Depth:

Drilling Dates: Jun 27 - Jun 30, 2014

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method
15.24	240.05	-49.8	Reflex
198.12	237.75	-53.1	Reflex

TARGET: 25 m stepout of mineralization encountered in hole AN

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.45	1.45	OVB
1.45	124.97	123.52	MST
124.97	198.12	73.15	SLT

SAMPLES	
Numbers:	K311723 to K311800
Total:	79
Batch:	003, 004, 005
Certificates:	WH14101206, WH14103096, WH14104123

COMMENTS

The hole was shut down at a target depth of 200m, well past the Anubis fault.

AN -14-007

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.45	1.45	OVB	--	Casing/No recovery.							
						--	--	---	---	--	--	0
1.45	124.97	123.52	MST	FG	Mix of very competent and rubbly, variably reactive (strong-weak) mudstone. Prevalent calcite veining. Minor, less reactive, rubbly interbeds of shale up to 40 cm. Some graphitic seams/fractures. Trace disseminated pyrite. Slight green tinge on fracture surfaces in some areas (arsenic oxide?).							
									OXI	1I	Gr	1
						MD	BK	RB	OXI	0I	Py	0.01
124.97	198.12	73.15	SLT	FG	Thin bedded siltstone and mudstone with less prominent rubbly beds up to 30 cm every few metres. Mostly competent with pyritic beds (50-80% pyrite?) up to 3 cm thick and clots up to 1 x 1 cm (80-100% pyrite?) every metre to few metres. Pyritic beds sometimes weakly vuggy. Pyritic beds oxidized from 170.20 to EOH. Calcite stringers less prevalent/rare compared with uphole.							
								VU				
								RB				
						DK	BK	BD	---	--	Py	1

AN -14-007

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.45	1.45	-?-	--	Casing/No recovery.							
						--	--	---	---	--	--	0
1.45	4.34	2.89	LST	FG	Very poor recovery up to 3.05 m, then moderately competent grey limestone and crumbly dark grey limestone. Prevalent calcite veining in competent limestone.							
						MD	GY	RB	OXI	2I	--	0
						DK	GY		OXI	1I		
4.34	4.91	0.57	SHL	FG	Fissile, carbonaceous shale.							
						DK	GY	RB	OXI	1I	--	0
4.91	7.82	2.91	LST	FG	Variably competent grey limestone with calcite veining present.							
						MD	GY	RB	OXI	1I	--	0
						DK	GY					
7.82	8.96	1.14	SHL	FG	Shale							
						DK	GY	RB	OXI	1I	--	0
8.96	9.34	0.38	LST	FG	Limestone with prevalent calcite veining.							
						MD	GY	RB	OXI	1I	--	0
9.34	14.30	4.96	SHL	FG	Shale, variably carbonaceous.							
						DK	GY	RB	OXI	1I	--	0
14.30	16.96	2.66	SHL	FG	Weakly calcareous shale.							
						DK	GY	RB	OXI	1I	--	0
16.96	25.91	8.95	MST	FG	Mix of very competent and rubbly, variably reactive (strong-weak) mudstone. Prevalent calcite veining. Minor, less reactive, rubbly interbeds of shale up to 40 cm. Some graphitic seams/fractures. Trace disseminated pyrite. Slight green tinge on fracture surfaces in some areas (arsenic oxide?).							
						MD	BK	RB	SIL	1I	Py	0.01
									OXI	0I	Gr	1
									OXI	1I		
25.91	42.93	17.02	MST	FG	Green tinge oxide on many/most fracture surfaces, although weak and subtle. Mixed competent/rubbly.							
						DK	BK	RB	ASO	1I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									SIL	1I		
42.93	43.61	0.68	MST	FG	Rubbly mudstone, nothing competent. Coarse calcite veins hosting trace euhedral brown sphalerite. Prevalent arsenic oxide.							
						DK	BK	RB	ASO	2I	--	0
									SIL	1I		
43.61	56.39	12.78	MST	FG	Green tinge oxide on many/most fracture surfaces, although weak and subtle. Mixed competent/rubbly.							
						DK	BK	RB	ASO	1I	--	0
									SIL	1I		
56.39	82.15	25.76	MST	FG	Mudstone interbedded with limestone beds up to 75 cm wide, which make up only 5% of interval. Weakly reactive. Becoming more competent and less rubbly, but still minor rubble present. Some silicified pieces (H = 4H or 5H).							
						DK	BK	RB	SIL	1I	--	0
						DK	GY					
82.15	124.97	42.82	MST	FG	Mudstone interbedded with limestone beds up to 15 cm. Very broken mudstone and/or gougy intervals up to 70 cm every 2-3 m. Very carbonaceous in broken sections. Fracture faces on competent rock show graphite. Shear texture observed in more competent core between limestone and mudstone. Trace reactivity in mudstone at best, but most non-reactive. Calcite stringers weakly present, more often within limestone interbeds.							
						DK	GY	SN				
						DK	BK	RB	---	--	Gr	1
124.97	163.76	38.79	SLT	FG	Thin bedded siltstone and mudstone with less prominent rubbly beds up to 30 cm every few metres. Mostly competent with pyritic beds (50-80% pyrite?) up to 3 cm thick and clots up to 1 x 1 cm (80-100% pyrite?) every metre to few metres. Pyritic beds sometimes weakly vuggy. Calcite stringers less prevalent/rare compared with uphole.							
						DK	BK	BD	---	--	--	0
								VU				
								RB				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
163.76	170.20	6.44	SLT	FG	Non-reactive thin bedded siltstone/mudstone with prevalent crumbly/rubbly sections up to 100 cm every metre or less. Infrequent pyritic beds up to 1 cm. Mudstone/siltstone breccia at 167.25-168.32 and minor sections before oxidation begins in next interval.							
						DK	BK	RB	---	--	Py	0.1
								BX				
170.20	175.10	4.90	SLT	FG	Non-reactive siltstone with oxidation on fracture surfaces and within some core replacing pyrite rich seams and stringers. Possible arsenic oxide on fracture surfaces? Oxidized "version" of siltstone 124.97-163.76 m. Some rubbly/gougy sections up to 1 m wide. Vuggy oxidized pyrite seams.							
						DK	BK	RB	OXI	2I	--	0
								VU				
								BD	ASO	1I		
175.10	177.38	2.28	SLT	FG	Very soft, clay rich interval. No competent core.							
						DK	BK	---	---	--	--	0
177.38	198.12	20.74	SLT	FG	Non-reactive siltstone with oxidation on fracture surfaces and within some core replacing pyrite rich seams and stringers. Possible arsenic oxide on fracture surfaces? Oxidized "version" of siltstone 124.97-163.76 m. Some rubbly/gougy sections up to 1 m wide. Vuggy oxidized pyrite seams.							
						DK	BK	RB	OXI	2I	--	0
								VU				
								BD				

AN -14-007

Nadaleen
Anubis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0.08	5	0.00	0	4R	4H	1W	
1.52	3.05	1.53	0.1	7	0.00	0	4R	3H	2W	
3.05	4.57	1.52	1.27	84	0.23	15	4R	1H	2W	half of core did not react to HCL, limestone had a hardness of 4
4.57	6.10	1.53	1.13	74	0.00	0	4R	2H	3W	limestone had a hardness of 4
6.10	7.62	1.52	1.24	82	0.11	7	4R	3H	2W	limestone had a hardness of 4
7.62	9.14	1.52	0.72	47	0.00	0	4R	2H	3W	gougy material
9.14	10.67	1.53	1.01	66	0.00	0	1R	1H	3W	some rock had a harness of 3
10.67	12.19	1.52	0.84	55	0.00	0	1R	2H	3W	
12.19	13.72	1.53	1.14	75	0.00	0	1R	1H	3W	
13.72	15.24	1.52	1.34	88	0.00	0	1R	2H	3W	
15.24	16.76	1.52	0.97	64	0.00	0	1R	2H	2W	
16.76	18.29	1.53	1.42	93	0.58	38	4R	3H	1W	
18.29	19.81	1.52	1.35	89	0.80	53	4R	4H	1W	
19.81	21.34	1.53	0.86	56	0.29	19	4R	4H	2W	
21.34	22.86	1.52	1.34	88	0.00	0	4R	4H	1W	
22.86	24.38	1.52	1.52	100	0.00	0	4R	4H	1W	
24.38	25.91	1.53	1.15	75	0.15	10	3R	3H	1W	
25.91	27.43	1.52	1.07	70	0.17	11	3R	3H	1W	
27.43	28.96	1.53	1.21	79	0.24	16	3R	3H	1W	
28.96	30.48	1.52	1.47	97	1.15	76	4R	3H	1W	
30.48	32.00	1.52	1.52	100	0.00	0	4R	3H	1W	
32.00	33.53	1.53	1.49	97	0.00	0	3R	3H	2W	
33.53	35.05	1.52	1.32	87	0.11	7	3R	3H	1W	
35.05	36.57	1.52	1.52	100	0.33	22	2R	4H	1W	
36.57	38.10	1.53	1.53	100	0.32	21	1R	3H	1W	
38.10	39.62	1.52	1.52	100	0.47	31	2R	4H	4W	
39.62	41.15	1.53	1.53	100	0.15	10	2R	4H	2W	
41.15	42.67	1.52	1.33	88	0.23	15	2R	4H	2W	
42.67	44.20	1.53	1.52	99	0.00	0	2R	4H	2W	rubble, no joint

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.20	45.72	1.52	1.43	94	0.26	17	2R	4H	2W	
45.72	47.24	1.52	1.52	100	0.34	22	2R	3H	1W	
47.24	48.77	1.53	1.53	100	0.35	23	2R	3H	1W	
48.77	50.29	1.52	1.52	100	0.28	18	2R	3H	1W	
50.29	51.82	1.53	1.46	95	0.22	14	2R	3H	1W	
51.82	53.34	1.52	1.52	100	0.15	10	2R	3H	1W	
53.34	54.86	1.52	1.52	100	0.40	26	1R	3H	2W	
54.86	56.39	1.53	1.47	96	0.63	41	1R	3H	2W	
56.39	57.91	1.52	1.52	100	0.48	32	1R	3H	1W	
57.91	59.44	1.53	1.43	93	0.55	36	2R	4H	1W	
59.44	60.96	1.52	1.52	100	0.68	45	3R	5H	1W	
60.96	62.48	1.52	1.44	95	0.51	34	1R	3H	1W	
62.48	64.01	1.53	1.53	100	0.60	39	2R	3H	1W	
64.01	65.53	1.52	1.27	84	0.00	0	1R	3H	1W	
65.53	67.06	1.53	1.35	88	0.38	25	1R	3H	1W	
67.06	68.58	1.52	1.52	100	0.86	57	1R	4H	1W	
68.58	70.10	1.52	1.45	95	0.75	49	1R	4H	1W	
70.10	71.63	1.53	1.33	87	0.82	54	1R	4H	1W	
71.63	73.15	1.52	1.49	98	0.76	50	1R	4H	1W	
73.15	74.68	1.53	1.23	80	0.15	10	1R	4H	1W	
74.68	76.20	1.52	1.49	98	0.16	11	2R	4H	1W	
76.20	77.72	1.52	1.5	99	0.79	52	1R	3H	1W	
77.72	79.25	1.53	1.35	88	0.15	10	0R	3H	1W	
79.25	80.77	1.52	1.2	79	0.27	18	1R	3H	1W	
80.77	82.30	1.53	0.52	34	0.00	0	1R	2H	1W	rubble, not competent enough for joint
82.30	83.82	1.52	1.18	78	0.40	26	0R	2H	1W	rubble, not competent enough for joint
83.82	85.34	1.52	1.52	100	0.17	11	0R	2H	1W	
85.34	86.87	1.53	1.52	99	0.30	20	0R	1H	1W	
86.87	88.39	1.52	1.17	77	0.16	11	0R	1H	1W	rubble no joint
88.39	89.92	1.53	1.43	93	0.00	0	0R	1H	1W	rubble, no joint
89.92	91.44	1.52	1.52	100	0.50	33	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
91.44	92.96	1.52	1.35	89	0.69	45	--	3H	1W	
92.96	94.49	1.53	1.53	100	0.44	29	--	2H	1W	quite gougey in general
94.49	96.01	1.52	1.5	99	0.40	26	--	1H	1W	quite gougey in general
96.01	97.54	1.53	1.24	81	0.20	13	--	1H	1W	too gougey for joint
97.54	99.06	1.52	0.9	59	0.11	7	0R	2H	1W	too gougey for joint
99.06	100.58	1.52	1.15	76	0.55	36	0R	1H	1W	
100.58	102.11	1.53	1.5	98	0.55	36	0R	2H	1W	
102.11	103.63	1.52	1.2	79	1.00	66	0R	1H	1W	
103.63	105.16	1.53	1.49	97	0.49	32	0R	1H	1W	
105.16	106.68	1.52	1.32	87	0.45	30	0R	1H	1W	
106.68	108.20	1.52	0.82	54	0.00	0	0R	1H	1W	
108.20	109.73	1.53	0.74	48	0.00	0	0R	1H	1W	too gougey for joint
109.73	111.25	1.52	1.41	93	0.00	0	0R	1H	1W	
111.25	112.78	1.53	0.97	63	0.34	22	2R	1H	1W	
112.78	114.30	1.52	1.18	78	0.00	0	1R	1H	1W	
114.30	115.82	1.52	1.45	95	0.14	9	2R	2H	1W	
115.82	117.35	1.53	1.43	93	0.32	21	2R	1H	1W	
117.35	118.87	1.52	1.4	92	0.20	13	2R	1H	1W	generally gougey
118.87	120.40	1.53	1.37	90	0.13	8	0R	2H	1W	
120.40	121.92	1.52	1.33	88	0.35	23	0R	2H	1W	
121.92	123.44	1.52	1.52	100	0.29	19	0R	1H	1W	too broken for joint
123.44	124.97	1.53	1.53	100	0.00	0	0R	1H	1W	too broken for joint
124.97	126.49	1.52	1.52	100	0.12	8	0R	2H	1W	too broken for joint
126.49	128.02	1.53	1.29	84	0.36	24	0R	2H	1W	
128.02	129.54	1.52	1.52	100	0.00	0	0R	2H	1W	mostly broken up rock
129.54	131.06	1.52	1.38	91	0.38	25	0R	2H	1W	
131.06	132.59	1.53	1.49	97	0.67	44	0R	3H	1W	
132.59	134.11	1.52	1.37	90	0.38	25	0R	3H	1W	
134.11	135.64	1.53	1.48	97	0.39	25	0R	3H	1W	
135.64	137.16	1.52	1.52	100	0.12	8	0R	1H	1W	mostly gouge
137.16	138.68	1.52	1.5	99	0.00	0	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.68	140.21	1.53	1.51	99	0.00	0	0R	2H	1W	too broken for joint
140.21	141.73	1.52	1.52	100	0.11	7	0R	2H	1W	too broken for joint
141.73	143.26	1.53	1.51	99	0.22	14	0R	2H	1W	too broken for joint
143.26	144.78	1.52	1.29	85	0.12	8	0R	3H	1W	
144.78	146.30	1.52	1.52	100	0.20	13	0R	3H	1W	
146.30	147.83	1.53	1.49	97	0.16	10	0R	2H	1W	
147.83	149.35	1.52	1.43	94	0.31	20	0R	3H	1W	
149.35	150.88	1.53	1.36	89	0.39	25	0R	3H	1W	
150.88	152.40	1.52	1.4	92	0.00	0	0R	2H	1W	
152.40	153.92	1.52	1.47	97	0.00	0	0R	2H	1W	
153.92	155.45	1.53	1.49	97	0.00	0	0R	2H	1W	
155.45	156.97	1.52	1.41	93	0.86	57	0R	3H	1W	
156.97	158.50	1.53	1.44	94	0.39	25	0R	3H	1W	
158.50	160.02	1.52	1.48	97	0.72	47	0R	3H	1W	
160.02	161.54	1.52	1.44	95	0.12	8	0R	2H	1W	
161.54	163.07	1.53	1.5	98	0.29	19	0R	3H	1W	
163.07	164.59	1.52	1.46	96	0.12	8	0R	2H	1W	
164.59	166.12	1.53	1.28	84	0.10	7	0R	1H	1W	
166.12	167.64	1.52	1.52	100	0.30	20	0R	1H	1W	
167.64	169.16	1.52	1.51	99	0.12	8	0R	1H	1W	
169.16	170.69	1.53	1.36	89	0.35	23	0R	1H	2W	too broken for joint
170.69	172.21	1.52	1.52	100	0.00	0	0R	2H	2W	too broken for joint
172.21	173.74	1.53	1.53	100	0.81	53	0R	2H	2W	
173.74	175.26	1.52	1.52	100	0.48	32	0R	1H	2W	
175.26	176.78	1.52	1.51	99	0.97	64	0R	1H	1W	gougey material
176.78	178.31	1.53	1.53	100	0.70	46	0R	1H	2W	gougey material
178.31	179.83	1.52	1.35	89	0.35	23	0R	1H	2W	
179.83	181.36	1.53	1.53	100	0.23	15	0R	2H	2W	
181.36	182.88	1.52	1.4	92	0.50	33	0R	2H	2W	
182.88	184.40	1.52	1.52	100	0.15	10	0R	3H	2W	too broken for joint
184.40	185.93	1.53	1.39	91	0.00	0	0R	2H	3W	too broken for joint

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
185.93	187.45	1.52	1.52	100	0.16	11	0R	2H	2W	
187.45	188.98	1.53	1.47	96	1.28	84	0R	3H	2W	
188.98	190.50	1.52	1.51	99	0.41	27	0R	3H	2W	
190.50	192.02	1.52	1.4	92	1.07	70	0R	3H	3W	
192.02	193.55	1.53	1.53	100	0.42	27	0R	3H	2W	
193.55	195.07	1.52	1.37	90	0.95	63	0R	3H	3W	
195.07	196.60	1.53	1.52	99	0.43	28	0R	3H	2W	
196.60	198.12	1.52	1.41	93	1.41	93	0R	3H	2W	

AN -14-007

Nadaleen
Anubis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K311740	14-003	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311746	14-003	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311753	14-003	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311763	14-004	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311775	14-004	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311779	14-004	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311787	14-004	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311729	14-003	Core	CS1	☐	☐	☐
1.45	3.05	1.60	OVB, MST	0.10	6	K311723	14-003	Core		☐	☐	☐
3.05	6.10	3.05	MST	2.40	79	K311724	14-003	Core		☐	☐	☐
6.10	9.14	3.04	MST	1.96	64	K311725	14-003	Core		☐	☐	☐
9.14	12.19	3.05	MST	1.85	61	K311726	14-003	Core		☐	☐	☐
12.19	15.24	3.05	MST	2.48	81	K311727	14-003	Core		☐	☐	☐
15.24	18.29	3.05	MST	2.39	78	K311728	14-003	Core		☐	☐	☐
18.29	21.34	3.05	MST	2.21	72	K311730	14-003	Core		☐	☐	☐
21.34	24.38	3.04	MST	2.86	94	K311731	14-003	Core		☐	☐	☐
24.38	27.43	3.05	MST	2.22	73	K311732	14-003	Core		☐	☐	☐
27.43	30.48	3.05	MST	2.68	88	K311733	14-003	Core		☐	☐	☐
30.48	33.53	3.05	MST	3.05	100	K311734	14-003	Core		☐	☐	☐
33.53	36.57	3.04	MST	2.84	93	K311735	14-003	Core		☐	☐	☐
33.53	36.57	3.04	MST	2.84	93	K311736	14-003	Core		☐	☑	☐
36.57	39.62	3.05	MST	3.05	100	K311737	14-003	Core		☐	☐	☐
39.62	42.67	3.05	MST	2.86	94	K311738	14-003	Core		☐	☐	☐
42.67	44.20	1.53	MST	1.52	99	K311739	14-003	Core		☐	☐	☐
44.20	47.24	3.04	MST	2.95	97	K311741	14-003	Core		☐	☐	☐
47.24	50.29	3.05	MST	3.05	100	K311742	14-003	Core		☐	☐	☐
50.29	53.34	3.05	MST	2.46	81	K311743	14-003	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
53.34	56.39	3.05	MST	2.99	98	K311744	14-003	Core		☐	☐	☐
56.39	59.44	3.05	MST	2.95	97	K311745	14-003	Core		☐	☐	☐
59.44	62.48	3.04	MST	2.96	97	K311747	14-003	Core		☐	☐	☐
62.48	65.53	3.05	MST	2.80	92	K311748	14-003	Core		☐	☐	☐
65.53	68.58	3.05	MST	2.87	94	K311749	14-003	Core		☐	☐	☐
68.58	71.63	3.05	MST	2.78	91	K311750	14-003	Core		☐	☐	☐
71.63	74.68	3.05	MST	2.72	89	K311751	14-003	Core		☐	☐	☐
74.68	77.72	3.04	MST	2.99	98	K311752	14-003	Core		☐	☐	☐
77.72	80.77	3.05	MST	2.55	84	K311754	14-003	Core		☐	☐	☐
80.77	83.82	3.05	MST	1.70	56	K311755	14-003	Core		☐	☐	☐
83.82	86.87	3.05	MST	3.04	100	K311756	14-003	Core		☐	☐	☐
83.82	86.87	3.05	MST	3.04	100	K311757	14-003	Core		☐	☐	☑
86.87	89.92	3.05	MST	2.60	85	K311758	14-003	Core		☐	☐	☐
89.92	92.96	3.04	MST	2.87	94	K311759	14-004	Core		☐	☐	☐
92.96	96.01	3.05	MST	3.03	99	K311760	14-004	Core		☐	☐	☐
96.01	99.06	3.05	MST	2.14	70	K311761	14-004	Core		☐	☐	☐
99.06	102.11	3.05	MST	2.65	87	K311762	14-004	Core		☐	☐	☐
102.11	105.16	3.05	MST	2.69	88	K311764	14-004	Core		☐	☐	☐
105.16	108.20	3.04	MST	2.14	70	K311765	14-004	Core		☐	☐	☐
108.20	111.25	3.05	MST	2.15	70	K311766	14-004	Core		☐	☐	☐
108.20	111.25	3.05	MST	2.15	70	K311767	14-004	Core		☐	☐	☑
111.25	114.30	3.05	MST	2.15	70	K311768	14-004	Core		☐	☐	☐
114.30	117.35	3.05	MST	2.88	94	K311769	14-004	Core		☐	☐	☐
117.35	120.40	3.05	MST	2.77	91	K311770	14-004	Core		☐	☐	☐
120.40	123.44	3.04	MST	2.85	94	K311771	14-004	Core		☐	☐	☐
123.44	126.49	3.05	MST	3.05	100	K311772	14-004	Core		☐	☐	☐
126.49	129.54	3.05	SLT	2.81	92	K311773	14-004	Core		☐	☐	☐
129.54	132.59	3.05	SLT	2.87	94	K311774	14-004	Core		☐	☐	☐
132.59	135.64	3.05	SLT	2.85	93	K311776	14-004	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
135.64	138.68	3.04	SLT	3.02	99	K311777	14-004	Core		☐	☐	☐
138.68	141.73	3.05	SLT	3.03	99	K311778	14-004	Core		☐	☐	☐
141.73	144.78	3.05	SLT	2.80	92	K311780	14-004	Core		☐	☐	☐
144.78	147.83	3.05	SLT	3.01	99	K311781	14-004	Core		☐	☐	☐
147.83	150.88	3.05	SLT	2.79	91	K311782	14-004	Core		☐	☐	☐
150.88	153.92	3.04	SLT	2.87	94	K311783	14-004	Core		☐	☐	☐
153.92	156.97	3.05	SLT	2.90	95	K311784	14-004	Core		☐	☐	☐
156.97	160.02	3.05	SLT	2.92	96	K311785	14-004	Core		☐	☐	☐
160.02	163.07	3.05	SLT	2.94	96	K311786	14-004	Core		☐	☐	☐
163.07	166.12	3.05	SLT	2.74	90	K311788	14-004	Core		☐	☐	☐
166.12	169.16	3.04	SLT	3.03	100	K311789	14-004	Core		☐	☐	☐
166.12	169.16	3.04	SLT	3.03	100	K311790	14-004	Core		☐	☑	☐
169.16	172.21	3.05	SLT	2.88	94	K311791	14-004	Core		☐	☐	☐
172.21	175.26	3.05	SLT	3.05	100	K311792	14-004	Core		☐	☐	☐
175.26	178.31	3.05	SLT	3.04	100	K311793	14-004	Core		☐	☐	☐
178.31	181.36	3.05	SLT	2.88	94	K311794	14-004	Core		☐	☐	☐
181.36	184.40	3.04	SLT	2.92	96	K311795	14-005	Core		☐	☐	☐
184.40	187.45	3.05	SLT	2.91	95	K311796	14-005	Core		☐	☐	☐
187.45	190.50	3.05	SLT	2.98	98	K311797	14-005	Core		☐	☐	☐
190.50	193.55	3.05	SLT	2.93	96	K311798	14-005	Core		☐	☐	☐
193.55	196.60	3.05	SLT	2.89	95	K311799	14-005	Core		☐	☐	☐
196.60	198.12	1.52	SLT	1.41	93	K311800	14-005	Core		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619037	7112968	1492.46	230.12

ZONE: Anubis

SECTION:

HOLE: AN -14-008

CLAIM: Dale 12

Contractor: Superior

Drill: 5

Core Size: HQ

Casing Depth:

Drilling Dates: Jul 01 -

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method
16.76	166.25	-50.9	Reflex
230.12	166.95	-52.2	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.91	1.91	OVB
1.91	146.83	144.92	MST
146.83	230.12	83.29	SLT

SAMPLES	
Numbers:	K311801 to K311897
Total:	97
Batch:	005, 006, 007
Certificates:	WH14104123, WH14104124, WH14105968

COMMENTS

Hole ended in competent and thin bedded AN-SLT2, after going through fault.

AN -14-008

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.91	1.91	OVB	--	Casing/No recovery.							
						--	--	---	---	--	--	0
1.91	146.83	144.92	MST	FG	Variably carbonaceous, variably calcareous and variably competent mudstone interbedded with both grey bedded and fossiliferous limestone. Prevalent calcite veins, especially within interbedded limestone. Disseminated pyrite throughout, and graphite confined to fracture surfaces. Arsenic oxide weakly present in some sub-intervals. Variably oxidized from none to weak throughout interval.							
								BD	ASO	1I	Gr	1
						DK	BK	RB	OXI	1I	Py	0.01
146.83	230.12	83.29	SLT	FG	Very thin bedded, unreactive siltstone defined by alternating bands of dark coloured silty/muddy material and pyrite-rich bands occuring every mm to cm. Calcite veins and veinlets present most abundantly near contact with AN-SLT1/fault, grading into often vuggy veinlets and stringers downhole. Rubbly/gougy sub-intervals common. Argillic alteration and silicification apparent in variable amounts throughout the interval.							
								BD	SIL	1I		
						DK	BK	RB	ARG	1I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.91	1.91	-?-	--	Casing/No recovery.							
						--	--	---	---	--	--	0
1.91	3.09	1.18	SHL	FG	Non calcareous, non carbonaceous shale.							
						DK	BK	RB	OXI	1I	--	0
3.09	19.85	16.76	MST	FG	Interbedded competent mudstone, limestone and rubbly shale (50, 10 and 40% of interval, respectively). Prevalent calcite veining in limestone and shale rubble. Non calcareous, moderately carbonaceous.							
						MD	GY	BD				
						DK	BK	RB	OXI	2I	--	0
19.85	27.21	7.36	MST	FG	Non calcareous, moderately carbonaceous, increasingly competent mudstone. Few calcite veinlets and stringers. Possible arsenic oxide. Graphite on fracture surfaces.							
						DK	BK	RB	OXI	1I	Py	0.01
									ASO	1I	Gr	1
27.21	33.63	6.42	MST	FG	Competent, weakly carbonaceous, weakly to moderately calcareous mudstone with graphite on fracture surfaces. Calcite stringers and veinlets throughout. Fine grained disseminated pyrite present.							
						DK	BK	---	---	--	Py	0.01
											Gr	1
33.63	36.58	2.95	MST	FG	Competent, weakly carbonaceous, weakly to moderately calcareous mudstone with graphite on fracture surfaces. Calcite stringers and veinlets throughout. Fine grained disseminated pyrite present. Arsenic oxide on most fracture surfaces.							
						DK	BK	---	ASO	2I	Py	0.01
									SIL	1I	Gr	1
36.58	48.41	11.83	MST	FG	Competent, weakly carbonaceous, weakly to moderately calcareous mudstone with graphite on fracture surfaces. Calcite stringers and veinlets throughout. Fine grained disseminated pyrite present.							
						DK	BK	---	---	--	Py	0.01
											Gr	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
48.41	56.41	8.00	MST	FG	Competent, weakly carbonaceous, weakly to moderately calcareous mudstone with graphite on fracture surfaces. Calcite stringers and veinlets throughout. Fine grained disseminated pyrite present. Arsenic oxide on some fracture surfaces.							
						DK	BK	---	ASO	2I	Gr	1
56.41	58.02	1.61	MST	FG	Weakly calcareous mudstone with graphite on fracture surfaces.							
						DK	BK	---	SIL	1I	--	0
58.02	64.16	6.14	MST	FG	Non-calcareous mudstone with few large calcite veins hosting disseminated pyrite.							
						DK	BK	---	OXI	1I	--	0
64.16	103.36	39.20	MST	FG	Variably competent, non-calcareous to weakly calcareous mudstone interbedded with grey bedded and fossiliferous limestone. Prevalent calcite veins, especially within the bedded limestone beds which occur every metre to few metres and have a max width of 50 cm. Graphite on fracture surfaces and trace disseminated pyrite.							
						DK	BK	FR	OXI	1I	--	0
								RB				
								FS				
								BD				
103.36	135.25	31.89	MST	FG	Weakly calcareous mudstone showing strain in suspected fault zone. High frequency and density of calcite stringers. Gougy/rubbly as well as competent sections. Pyrite present in limestone interbeds. Two fossiliferous limestone beds as wide as 10 cm. Grey limestone interbeds every em to cm's (thin bedded) to every few metres (up to 50 cm wide). At 122.80 m, first indication of cm-scale pyrite beds - folded and boudinaged. Some weakly silicified sections.							
						DK	BK	RB	SIL	1I	Gr	1
								SN				
								SH			Py	0.01
								FS				
								BD				
135.25	137.01	1.76	MST	FG	Very gougy and crumbly section.							
						DK	BK	RB	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
137.01	144.23	7.22	MST	FG	Only trace reactive mudstone. 50/50 mix of metre wide rubbly/gougy and competent sections. Very weak calcite veining compared to previous intervals. Minor sheared pyrite beds. Trace interbedded limestone.							
						DK	BK	---	OXI	1I	Py	0.01
144.23	146.83	2.60	MST	FG	Strongly reactive mudstone with prevalent irregular calcite stringers.							
						DK	BK	---	SIL	1I	--	0
146.83	162.55	15.72	SLT	FG	Very thin bedded siltstone defined by alternating bands of dark coloured silty/muddy material and pyrite-rich seams. Occuring every mm to cm. Calcite veins present near contact with AN-SLT1/fault, grading into smaller, often vuggy veinlets, and stringers downhole. Rubbly/gougy sections more prevalent until 152.40 m, when most core becomes competent with few rubbly sections and no gouge. Hole drills down bedding from 152.40-155.55 m and is highly folded in this area.							
						DK	BK	BD	---	--	Py	10
								RB				
162.55	168.60	6.05	SLT	FG	Very rubbly and gougy siltstone.							
						DK	BK	BD	---	--	Py	1
								RB				
168.60	180.32	11.72	SLT	FG	Competent, non-reactive bedded siltstone with thin, mm-spaced pyrite-rich bands. Few rubbly sections.							
						DK	BK	RB	SIL	1I	Py	5
								BD			Gr	1
180.32	185.10	4.78	SLT	FG	Soft, weak, incompetent/rubbly core. Thin pyrite bands.							
						DK	BK	RB	---	--	Py	1
								BD			Gr	1
185.10	187.38	2.28	SLT	FG	Very soft, partially gougy and broken altered siltstone. Relict bedding visible but subdued. Dark, altered pyrite bands visible but rest of beds clay altered to light grey material. One interbed in contact with unaltered siltstone at 30 degrees TCA. Folded and sheared.							
						LT	GY	SH	ARG	3I	--	0
								BD				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
187.38	195.07	7.69	SLT	FG	Dark grey, bedded, unreactive siltstone with prevalent calcite veining. Pyrite bands subdued compared with up/downhole.							
						DK	GY	---	---	--	Py	0.1
											Gr	1
195.07	198.34	3.27	SLT	FG	Bedded siltstone with 4 interbeds of light grey, argillically altered material (10-15 cm in width each). Gougy, soft and sheared/faulted. Less competent rock contains silicified clasts/areas as large as 3 cm. Subdued pyrite banding.							
						LT	GY	BD	SIL	2I	Gr	1
						DK	GY	RB	ARG	2I	Py	0.1
198.34	204.25	5.91	SLT	FG	Sheared/folded siltstone with silicified clasts of siltstone/mudstone and vuggy calcite veins.							
						DK	GY	SH	SIL	3I	Gr	1
204.25	208.79	4.54	SLT	FG	Rubbly/gougy interval with no silicification evident. Minor bedding defined by thin, mm-scale pyrite bands.							
						DK	GY	RB	---	--	Gr	1
								BD			Py	0.1
208.79	216.70	7.91	SLT	FG	Alternating interbeds of softer (altered pyrite?) dark bands, and lighter, silicified siltstone. Mostly competent with minor rubbly sections.							
						DK	GY	RB	SIL	3I	Py	0.1
								BD				
216.70	217.96	1.26	SLT	FG	Thin bedded siltstone with minor calcite veining.							
						DK	BK	RB	SIL	1I	Py	0.01
								BD				
217.96	227.00	9.04	SLT	FG	Competent, bedded siltstone with pyrite clots and interbeds. Minor calcite veining. One, 4 cm wide argilically altered bed in contact with unaltered siltstone at 40 degrees TCA near start of interval (@ 218.35 m).							
						LT	GY					
						DK	GY	BD	ARG	1I	Py	10
227.00	230.12	3.12	SLT	FG	Mix of competent, rubbly and gougy siltstone. Thin pyrite banding, much less than previous interval. Competent core has trace to weak silicification.							
						DK	GY	BD	SIL	2I	Py	1
								RB				

AN -14-008

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.91	1.91	0	0	0.00	0	--	--	--	
1.91	3.05	1.14	1.04	91	0.00	0	0R	1H	2W	
3.05	4.57	1.52	1.39	91	0.00	0	4R	1H	2W	
4.57	6.10	1.53	0.95	62	0.00	0	0R	1H	2W	
6.10	7.62	1.52	1.18	78	0.11	7	4R	2H	2W	
7.62	9.14	1.52	0.32	21	0.00	0	4R	2H	2W	
9.14	10.67	1.53	1.35	88	0.15	10	4R	2H	2W	
10.67	12.19	1.52	1.32	87	0.00	0	4R	2H	3W	
12.19	13.72	1.53	1.46	95	0.00	0	1R	3H	2W	
13.72	15.24	1.52	1.26	83	0.49	32	2R	3H	2W	
15.24	16.76	1.52	1.52	100	0.28	18	2R	2H	2W	
16.76	18.29	1.53	0.82	54	0.00	0	4R	3H	2W	
18.29	19.81	1.52	0.4	26	0.00	0	4R	3H	2W	
19.81	21.34	1.53	1.39	91	0.00	0	1R	1H	2W	
21.34	22.86	1.52	1.49	98	0.21	14	0R	3H	2W	
22.86	24.38	1.52	1.43	94	0.00	0	0R	3H	1W	
24.38	25.91	1.53	1.45	95	0.10	7	0R	3H	1W	
25.91	27.43	1.52	1.52	100	0.15	10	1R	4H	1W	
27.43	28.96	1.53	1.53	100	0.00	0	0R	3H	1W	
28.96	30.48	1.52	1.47	97	0.17	11	1R	3H	1W	
30.48	32.00	1.52	1.52	100	0.26	17	1R	3H	1W	
32.00	33.53	1.53	1.53	100	0.91	59	2R	3H	1W	
33.53	35.05	1.52	1.5	99	0.30	20	2R	4H	1W	
35.05	36.58	1.53	1.23	80	0.51	33	2R	3H	1W	
36.58	38.10	1.52	1.44	95	0.82	54	2R	4H	1W	
38.10	39.62	1.52	1.52	100	0.80	53	2R	3H	1W	
39.62	41.15	1.53	1.45	95	0.61	40	3R	4H	1W	
41.15	42.67	1.52	1.19	78	0.21	14	3R	4H	1W	
42.67	44.20	1.53	1.53	100	0.00	0	2R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.20	45.72	1.52	1.11	73	0.00	0	2R	4H	1W	
45.72	47.24	1.52	1.43	94	0.00	0	1R	4H	1W	
47.24	48.77	1.53	1.53	100	0.27	18	1R	4H	1W	
48.77	50.29	1.52	1.52	100	1.19	78	2R	4H	1W	
50.29	51.82	1.53	1.41	92	0.00	0	2R	3H	1W	
51.82	53.34	1.52	1.52	100	0.37	24	1R	3H	1W	
53.34	54.86	1.52	1.48	97	0.30	20	1R	3H	1W	
54.86	56.39	1.53	1.48	97	0.29	19	1R	3H	1W	
56.39	57.91	1.52	1.41	93	0.73	48	2R	3H	1W	
57.91	59.44	1.53	1.36	89	0.27	18	1R	4H	1W	
59.44	60.96	1.52	1.52	100	0.21	14	1R	4H	1W	
60.96	62.48	1.52	1.46	96	0.24	16	1R	3H	1W	
62.48	64.01	1.53	1.53	100	0.37	24	1R	3H	1W	
64.01	65.53	1.52	1.42	93	0.38	25	3R	3H	1W	interbedded with calcarious rock
65.53	67.06	1.53	1.53	100	0.00	0	1R	2H	1W	
67.06	68.58	1.52	1.52	100	0.00	0	2R	1H	1W	
68.58	70.10	1.52	1.52	100	0.00	0	3R	2H	1W	
70.10	71.63	1.53	1.53	100	0.10	7	2R	2H	1W	
71.63	73.15	1.52	1.39	91	0.26	17	3R	3H	1W	gougey rock interbeded with harder rock
73.15	74.68	1.53	1.23	80	0.00	0	3R	3H	1W	
74.68	76.20	1.52	1.29	85	0.10	7	4R	3H	1W	
76.20	77.72	1.52	1.48	97	0.20	13	4R	3H	1W	
77.72	79.25	1.53	1.53	100	0.34	22	2R	2H	1W	
79.25	80.77	1.52	1.52	100	0.10	7	4R	3H	1W	
80.77	82.30	1.53	1.53	100	0.25	16	2R	3H	1W	
82.30	83.82	1.52	1.52	100	0.27	18	1R	2H	1W	
83.82	85.34	1.52	1.52	100	0.00	0	0R	3H	1W	
85.34	86.87	1.53	1.33	87	0.51	33	2R	3H	1W	
86.87	88.39	1.52	1.4	92	0.37	24	2R	3H	1W	
88.39	89.92	1.53	1.48	97	0.00	0	2R	3H	1W	
89.92	91.44	1.52	1.27	84	0.11	7	1R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
91.44	92.96	1.52	1.49	98	0.20	13	2R	2H	1W	
92.96	94.49	1.53	1.26	82	0.21	14	1R	3H	1W	
94.49	96.01	1.52	1.38	91	0.43	28	1R	3H	1W	
96.01	97.54	1.53	1.47	96	0.30	20	2R	3H	1W	
97.54	99.06	1.52	1.52	100	0.00	0	2R	2H	1W	
99.06	100.58	1.52	1.5	99	0.28	18	1R	3H	1W	
100.58	102.11	1.53	1.23	80	0.51	33	2R	3H	1W	
102.11	103.63	1.52	1.48	97	0.28	18	2R	3H	1W	
103.63	105.16	1.53	1.5	98	0.25	16	2R	2H	1W	
105.16	106.68	1.52	1.09	72	0.78	51	1R	2H	1W	
106.68	108.20	1.52	1.52	100	0.61	40	2R	1H	1W	
108.20	109.73	1.53	1.41	92	0.34	22	3R	3H	1W	
109.73	111.25	1.52	1.52	100	0.64	42	4R	3H	1W	
111.25	112.78	1.53	1.51	99	0.48	31	3R	3H	1W	
112.78	114.30	1.52	1.48	97	0.00	0	3R	2H	1W	
114.30	115.82	1.52	1.46	96	0.28	18	2R	3H	1W	
115.82	117.35	1.53	1.53	100	0.27	18	2R	3H	1W	
117.35	118.87	1.52	1.43	94	0.38	25	1R	3H	1W	
118.87	120.40	1.53	1.35	88	0.00	0	1R	2H	1W	
120.40	121.92	1.52	1.52	100	0.10	7	2R	2H	1W	
121.92	123.44	1.52	1.4	92	0.42	28	3R	2H	1W	
123.44	124.97	1.53	1.37	90	0.32	21	1R	3H	1W	
124.97	126.49	1.52	1.41	93	0.13	9	1R	2H	1W	
126.49	128.02	1.53	1.37	90	0.73	48	2R	3H	1W	
128.02	129.54	1.52	1.42	93	0.48	32	1R	3H	1W	
129.54	131.06	1.52	1.18	78	0.22	14	2R	2H	1W	
131.06	132.59	1.53	1.31	86	0.17	11	2R	3H	1W	
132.59	134.11	1.52	1.38	91	0.66	43	3R	4H	1W	
134.11	135.64	1.53	1.4	92	0.66	43	4R	3H	1W	
135.64	137.16	1.52	1.18	78	0.00	0	1R	1H	1W	
137.16	138.68	1.52	1.44	95	0.00	0	2R	1H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.68	140.21	1.53	1.36	89	0.12	8	1R	1H	1W	
140.21	141.73	1.52	1.35	89	0.25	16	0R	2H	1W	
141.73	143.26	1.53	0.88	58	0.00	0	3R	1H	1W	
143.26	144.78	1.52	1.48	97	0.35	23	3R	2H	1W	
144.78	146.30	1.52	1.42	93	0.70	46	3R	4H	1W	
146.30	147.83	1.53	1.31	86	0.53	35	1R	3H	1W	
147.83	149.35	1.52	1.47	97	0.00	0	0R	1H	1W	
149.35	150.88	1.53	1.39	91	0.35	23	0R	2H	1W	
150.88	152.40	1.52	1.43	94	0.00	0	0R	2H	1W	
152.40	153.92	1.52	1.18	78	0.64	42	0R	3H	1W	
153.92	155.45	1.53	1.53	100	1.14	75	0R	3H	1W	
155.45	156.97	1.52	1.45	95	0.91	60	1R	3H	1W	
156.97	158.50	1.53	1.38	90	0.00	0	0R	3H	1W	
158.50	160.02	1.52	1.52	100	0.00	0	0R	2H	1W	
160.02	161.54	1.52	1.25	82	0.21	14	0R	3H	1W	
161.54	163.07	1.53	1.5	98	0.00	0	0R	1H	1W	
163.07	164.59	1.52	1.52	100	0.00	0	0R	1H	1W	
164.59	166.12	1.53	1.53	100	0.00	0	0R	2H	1W	
166.12	167.64	1.52	1.38	91	0.10	7	0R	1H	1W	
167.64	169.16	1.52	1.22	80	0.22	14	0R	2H	1W	
169.16	170.69	1.53	1.52	99	0.53	35	0R	3H	1W	
170.69	172.21	1.52	1.36	89	0.49	32	0R	3H	1W	
172.21	173.74	1.53	1.31	86	0.22	14	0R	2H	1W	
173.74	175.26	1.52	1.43	94	0.21	14	0R	2H	1W	
175.26	176.78	1.52	0.91	60	0.00	0	0R	3H	1W	
176.78	178.31	1.53	1.31	86	0.67	44	0R	3H	1W	
178.31	179.83	1.52	1.5	99	0.00	0	0R	2H	1W	
179.83	181.36	1.53	1.32	86	0.24	16	0R	2H	1W	
181.36	182.88	1.52	1.44	95	0.58	38	0R	1H	1W	
182.88	184.40	1.52	1.35	89	0.18	12	0R	1H	1W	
184.40	185.93	1.53	1.43	93	0.34	22	0R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
185.93	187.45	1.52	1.14	75	0.12	8	0R	2H	1W	
187.45	188.98	1.53	1.08	71	0.00	0	0R	3H	1W	
188.98	190.50	1.52	0.75	49	0.00	0	0R	2H	1W	
190.50	192.02	1.52	1.52	100	0.00	0	0R	2H	1W	
192.02	193.55	1.53	1.46	95	0.00	0	0R	2H	1W	
193.55	195.07	1.52	1.33	88	0.11	7	0R	2H	1W	
195.07	196.60	1.53	1.08	71	0.00	0	0R	3H	1W	
196.60	198.12	1.52	1.26	83	0.15	10	0R	2H	1W	
198.12	199.64	1.52	1.28	84	0.00	0	0R	3H	1W	
199.64	201.17	1.53	0.87	57	0.00	0	0R	3H	1W	
201.17	202.69	1.52	1.42	93	0.00	0	0R	3H	1W	
202.69	204.22	1.53	1.08	71	0.11	7	0R	2H	1W	
204.22	205.74	1.52	1.22	80	0.14	9	0R	1H	1W	
205.74	207.26	1.52	1.4	92	0.00	0	0R	1H	1W	
207.26	208.79	1.53	1.13	74	0.00	0	0R	1H	1W	
208.79	210.31	1.52	1.52	100	0.15	10	0R	3H	1W	
210.31	211.84	1.53	1.38	90	0.22	14	0R	3H	1W	
211.84	213.36	1.52	1.43	94	0.14	9	0R	3H	1W	
213.36	214.88	1.52	1.52	100	0.24	16	0R	3H	1W	
214.88	216.41	1.53	1.46	95	0.00	0	0R	3H	1W	
216.41	217.93	1.52	1.42	93	0.00	0	0R	2H	1W	
217.93	219.46	1.53	1.53	100	0.36	24	0R	3H	1W	
219.46	220.98	1.52	1.52	100	0.91	60	0R	3H	1W	
220.98	222.50	1.52	1.52	100	0.61	40	0R	3H	1W	
222.50	224.03	1.53	1.51	99	1.04	68	0R	3H	1W	
224.03	225.55	1.52	1.43	94	0.38	25	0R	3H	1W	
225.55	227.08	1.53	1.44	94	0.00	0	0R	3H	1W	
227.08	228.60	1.52	1.06	70	0.10	7	0R	2H	1W	
228.60	230.12	1.52	1.25	82	0.00	0	0R	3H	1W	

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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K311813	14-005	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311818	14-005	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311823	14-005	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311835	14-006	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311845	14-006	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311861	14-006	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311864	14-006	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311871	14-007	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311878	14-007	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311884	14-007	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311805	14-005	Core		☑	☐	☐
1.91	4.57	2.66	MST, OVB	2.43	91	K311801	14-005	Core		☐	☐	☐
4.57	7.62	3.05	MST	2.13	70	K311802	14-005	Core		☐	☐	☐
7.62	10.67	3.05	MST	1.67	55	K311803	14-005	Core		☐	☐	☐
10.67	13.72	3.05	MST	2.78	91	K311804	14-005	Core		☐	☐	☐
13.72	16.76	3.04	MST	2.78	91	K311806	14-005	Core		☐	☐	☐
16.76	19.81	3.05	MST	1.22	40	K311807	14-005	Core		☐	☐	☐
19.81	22.86	3.05	MST	2.88	94	K311808	14-005	Core		☐	☐	☐
22.86	25.91	3.05	MST	2.88	94	K311809	14-005	Core		☐	☐	☐
25.91	28.96	3.05	MST	3.05	100	K311810	14-005	Core		☐	☐	☐
28.96	32.00	3.04	MST	2.99	98	K311811	14-005	Core		☐	☐	☐
32.00	35.05	3.05	MST	3.03	99	K311812	14-005	Core		☐	☐	☐
35.05	38.10	3.05	MST	2.67	88	K311814	14-005	Core		☐	☐	☐
38.10	41.15	3.05	MST	2.97	97	K311815	14-005	Core		☐	☐	☐
38.10	41.15	3.05	MST	2.87	94	K311816	14-005	Core		☐	☑	☐
41.15	44.20	3.05	MST	2.72	89	K311817	14-005	Core		☐	☐	☐
44.20	47.24	3.04	MST	2.54	84	K311819	14-005	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
47.24	50.29	3.05	MST	3.05	100	K311820	14-005	Core		☐	☐	☐
50.29	53.34	3.05	MST	2.93	96	K311821	14-005	Core		☐	☐	☐
53.34	56.39	3.05	MST	2.96	97	K311822	14-005	Core		☐	☐	☐
56.39	59.44	3.05	MST	2.77	91	K311824	14-005	Core		☐	☐	☐
59.44	62.48	3.04	MST	2.98	98	K311825	14-005	Core		☐	☐	☐
59.44	62.48	3.04	MST	2.98	98	K311826	14-005	Core		☐	☐	☑
62.48	65.53	3.05	MST	2.95	97	K311827	14-005	Core		☐	☐	☐
65.53	68.58	3.05	MST	3.05	100	K311828	14-005	Core		☐	☐	☐
68.58	71.63	3.05	MST	3.05	100	K311829	14-005	Core		☐	☐	☐
71.63	74.68	3.05	MST	2.62	86	K311830	14-005	Core		☐	☐	☐
74.68	77.72	3.04	MST	2.77	91	K311831	14-006	Core		☐	☐	☐
77.72	80.77	3.05	MST	3.05	100	K311832	14-006	Core		☐	☐	☐
80.77	83.82	3.05	MST	3.05	100	K311833	14-006	Core		☐	☐	☐
83.82	86.87	3.05	MST	2.85	93	K311834	14-006	Core		☐	☐	☐
86.87	89.92	3.05	MST	2.88	94	K311836	14-006	Core		☐	☐	☐
89.92	92.96	3.04	MST	2.76	91	K311837	14-006	Core		☐	☐	☐
92.96	96.01	3.05	MST	2.64	87	K311838	14-006	Core		☐	☐	☐
96.01	99.06	3.05	MST	2.99	98	K311839	14-006	Core		☐	☐	☐
96.01	99.06	3.05	MST	2.99	98	K311840	14-006	Core		☐	☐	☑
99.06	102.11	3.05	MST	2.73	90	K311841	14-006	Core		☐	☐	☐
102.11	103.36	1.25	MST	1.15	92	K311842	14-006	Core		☐	☐	☐
103.36	106.68	3.32	MST	3.22	97	K311843	14-006	Core		☐	☐	☐
106.68	109.73	3.05	MST	2.93	96	K311844	14-006	Core		☐	☐	☐
109.73	112.78	3.05	MST	3.03	99	K311846	14-006	Core		☐	☐	☐
112.78	115.82	3.04	MST	2.94	97	K311847	14-006	Core		☐	☐	☐
115.82	118.87	3.05	MST	2.96	97	K311848	14-006	Core		☐	☐	☐
118.87	121.92	3.05	MST	2.87	94	K311849	14-006	Core		☐	☐	☐
121.92	124.97	3.05	MST	2.77	91	K311850	14-006	Core		☐	☐	☐
121.92	124.97	3.05	MST	2.77	91	K311851	14-006	Core		☐	☑	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
124.97	128.02	3.05	MST	2.78	91	K311852	14-006	Core		☐	☐	☐
128.02	131.06	3.04	MST	2.60	86	K311853	14-006	Core		☐	☐	☐
131.06	134.11	3.05	MST	2.69	88	K311854	14-006	Core		☐	☐	☐
134.11	137.16	3.05	MST	2.58	85	K311855	14-006	Core		☐	☐	☐
137.16	140.21	3.05	MST	2.80	92	K311856	14-006	Core		☐	☐	☐
140.21	141.73	1.52	MST	1.35	89	K311857	14-006	Core		☐	☐	☐
141.73	143.26	1.53	MST	0.88	58	K311858	14-006	Core		☐	☐	☐
143.26	144.74	1.48	MST	1.48	100	K311859	14-006	Core		☐	☐	☐
144.74	146.93	2.19	MST	2.04	93	K311860	14-006	Core		☐	☐	☐
146.93	149.35	2.42	SLT	2.40	99	K311862	14-006	Core		☐	☐	☐
149.35	152.40	3.05	SLT	2.82	92	K311863	14-006	Core		☐	☐	☐
152.40	155.45	3.05	SLT	2.71	89	K311865	14-006	Core		☐	☐	☐
155.45	158.50	3.05	SLT	2.83	93	K311866	14-006	Core		☐	☐	☐
158.50	161.54	3.04	SLT	2.77	91	K311867	14-007	Core		☐	☐	☐
161.54	164.59	3.05	SLT	3.02	99	K311868	14-007	Core		☐	☐	☐
164.59	167.64	3.05	SLT	2.90	95	K311869	14-007	Core		☐	☐	☐
167.64	170.69	3.05	SLT	2.74	90	K311870	14-007	Core		☐	☐	☐
170.69	173.74	3.05	SLT	2.67	88	K311872	14-007	Core		☐	☐	☐
173.74	176.78	3.04	SLT	2.34	77	K311873	14-007	Core		☐	☐	☐
176.78	179.83	3.05	SLT	2.81	92	K311874	14-007	Core		☐	☐	☐
179.83	182.88	3.05	SLT	2.76	90	K311875	14-007	Core		☐	☐	☐
182.88	185.14	2.26	SLT	1.73	77	K311876	14-007	Core		☐	☐	☐
185.14	187.45	2.31	SLT	1.74	75	K311877	14-007	Core		☐	☐	☐
187.45	190.50	3.05	SLT	1.83	60	K311879	14-007	Core		☐	☐	☐
190.50	193.55	3.05	SLT	2.98	98	K311880	14-007	Core		☐	☐	☐
193.55	195.07	1.52	SLT	1.33	88	K311881	14-007	Core		☐	☐	☐
195.07	196.60	1.53	SLT	1.08	71	K311882	14-007	Core		☐	☐	☐
196.60	198.34	1.74	SLT	1.60	92	K311883	14-007	Core		☐	☐	☐
198.34	201.17	2.83	SLT	1.86	66	K311885	14-007	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
201.17	204.22	3.05	SLT	2.50	82	K311886	14-007	Core		☐	☐	☐
204.22	207.26	3.04	SLT	2.62	86	K311887	14-007	Core		☐	☐	☐
207.26	210.31	3.05	SLT	2.66	87	K311888	14-007	Core		☐	☐	☐
210.31	213.36	3.05	SLT	2.81	92	K311889	14-007	Core		☐	☐	☐
213.36	216.41	3.05	SLT	2.98	98	K311890	14-007	Core		☐	☐	☐
213.36	216.41	3.05	SLT	2.98	98	K311891	14-007	Core		☐	☑	☐
216.41	219.46	3.05	SLT	2.95	97	K311892	14-007	Core		☐	☐	☐
219.46	222.50	3.04	SLT	3.04	100	K311893	14-007	Core		☐	☐	☐
222.50	225.55	3.05	SLT	2.94	96	K311894	14-007	Core		☐	☐	☐
225.55	228.60	3.05	SLT	2.50	82	K311895	14-007	Core		☐	☐	☐
225.55	228.60	3.05	SLT	2.50	82	K311896	14-007	Core		☐	☐	☑
228.60	230.12	1.52	SLT	1.25	82	K311897	14-007	Core		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619087	7113053	1486.21	286.51

ZONE: Anubis

SECTION:

HOLE: AN -14-009

CLAIM: Dale 12

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth:

Drilling Dates: Jul 26 - Jul 31, 2014

Geology Logged By: N. Kovacs

SURVEY			
Depth (m)	Azimuth	Dip	Method
16.76	201.65	-62.2	Reflex
283.46	200.25	-62	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	148.41	148.41	MST
148.41	162.89	14.48	LST
162.89	166.83	3.94	LST
166.83	240.79	73.96	LST
240.79	247.33	6.54	LST
247.33	286.51	39.18	LST

SAMPLES	
Numbers:	K310265 to K310407
Total:	144
Batch:	012, 013, 014, 015, 016
Certificates:	WH14113835, WH14113836, WH14116727, WH14120280

COMMENTS
Hole was reduced to NQ at a depth of 230.23 m.

AN -14-009

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	148.41	148.41	MST	FG	Black, fine grained, carbonaceous, often quartz veined, mainly rubbly mudstone and siltstone with fine grained disseminated pyrite in matrix. From 72.43 - 89.36 m dark grey, sheared siltstone interval. The start of the interval up to 69.23 m is strongly oxidized and often ankerite altered. Lighter, siltier beds, where bedding is relevant often show normal to reverse small scale offset.							
						DK	GY	BD				
						DK	BK	RB	OXI	3I	Py	0.1
148.41	162.89	14.48	LST	FG	Medium grey, fine to medium grained, calcite veined, carbonaceous, mainly brecciated mudstone with limestone interbeds. Oxidized intervals occur at the end of the unit with trace disseminated pyrite							
						MD	GY	BX	OXI	2I	Py	0.01
162.89	166.83	3.94	LST	FG	Light to medium grey, fossiliferous limestone, orange weathered on fractured surface brecciated with mudstone.							
						LT	GY	FS				
						MD	GY	BX	OXI	3I	--	0
166.83	240.79	73.96	LST	FG	Variably interbedded black, calcareous, carbonaceous mudstone with medium grey, fine grained, strongly calcite veined limestone. The interval is rubbly and brecciated with local oxidized and hematitic sections. From 199.64 m arsenic oxide alteration becomes more relevant. From 202.52 m the interval is massive, crackled textured limestone dominated. Orpiment and realgar mineralization occurs in grey, rubbly, hematitic, oxidized limestone from 214.56 m.							
								CR	HEM	3I		
								RB	ASO	3I		
						MD	GY	BX	OXI	3I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
240.79	247.33	6.54	LST	MG	Medium grey, fossiliferous limestone with few calcite veins. The end of the interval becomes more rubbly. Arsenic oxide alteration appears mainly on the fractured surface. Realgar and orpiment mineralization occurs as small crystals in matrix.							
								RB			Om	0.1
						MD	GY	FS	ASO	1I	Re	0.1
247.33	286.51	39.18	LST	FG	Fine grained, dark grey, styolitic limestone with crackled to massive texture and local grey gouge intervals. Oxidization occurs at the end of the interval from 265.11 m. Trace realgar and orpiment mineralization occurs from 257.34 - 268.07 m.							
								MA			Om	0.01
						MD	GY	CR	OXI	2I	Re	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	6.10	6.10	-?-	--	Casing-No recovery.							
						--	--	---	---	--	--	0
6.10	11.70	5.60	MST	FG	Rubbly, quartz veined, mainly vuggy black mudstone, very fine grained, quartz is irregular, few mm thick. ASO and OXI alteration on fractured surface.							
						DK	GY	BD	OXI	4I	--	0
								MA	ASO	3I		
11.70	16.71	5.01	MST	FG	Competent, black-dark grey coloured mudstone, locally bedded with light grey silty beds few cm thick. OXI alteration on fractured surface.							
						DK	GY	BD	OXI	4I	--	0
								MA				
16.71	20.09	3.38	MST	FG	Strongly OXI altered interval, vuggy textured, pyrite occurs as clasts or dissaminated in matrix. Some of the quartz veins have ankerite. Centre of the interval is gouged from 18.45-18.48 m.							
						DK	GY	RB	OXI	4I	Py	0.1
20.09	24.38	4.29	MST	FG	Rubbly interval, locally vuggy, especially along veinlets, lighter grey-green beds show reverse faulting offset, the end of the interval is quartz veined.							
						DK	GY	BX	OXI	4I	Py	0.1
								RB				
24.38	27.11	2.73	MST	FG	Competent, black coloured mudstone, the end of the interval has quartz stringers throughout the matrix.							
						DK	GY	MA	OXI	2I	Py	0.1
27.11	28.96	1.85	MST	FG	Rubbly interval with OXI alteration, pyrite occurs dissaminated in matrix.							
						DK	GY	RB	OXI	3I	Py	0.1
28.96	32.86	3.90	MST	FG	Competent, locally bedded with thin silty grey beds that show normal offset and have dissaminated pyrite. From 30.63 , vuggy quartz veins have ankerite in it.							
						DK	GY	BD	OXI	3I	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
32.86	41.10	8.24	MST	FG	Black coloured mudstone shows soft sediment deformation, light grey thin (mm) beds show normal offset. Beginning of the interval has dissaminated pyrite in matrix, and occur as small grains in blebs.							
						DK	GY	SD	OXI	1I	Py	1
								BD				
41.10	45.14	4.04	MST	FG	Black coloured mudstone with small, thin pyrite rich brown beds show normal offset. Small mm thin quartz veinlets show ankerite alteration. Some gouge on the fractures surfaced. Soft sediment deformed folds throughout the interval.							
						DK	GY	SD	OXI	1I	Py	1
								BD				
45.14	46.12	0.98	MST	FG	Rubbly, gouge, brecciated interval. The start of the interval is quartz veined with ankerite alteration. Pyrite occurs as breccia clasts. From 45.85-45.95 m goige with orange green colours.							
						DK	GY	BD	ASO	2I	Py	0.1
								SH				
								SD				
46.12	55.52	9.40	MST	FG	Beginning of the interval is sheared and show normal offset. Soft sediment deformation occurs locally, vuggy textured. Ankerite on fractured surface. Pyrite occurs as clasts or dissaminated.							
						DK	GY	BD	---	--	Py	0.1
								SH				
								SD				
55.52	57.19	1.67	MST	FG	Rubbly interval with strong ASO/OXI alteration. Softer and gouge intervals with soft clay material.							
						DK	GY	RB	ASO	3I	Py	0.01
								BX	OXI	3I		
57.19	59.92	2.73	SLT	FG	Medium grey, bedded siltstone with light grey interbeds.							
						MD	GY	BD	OXI	1I	--	0
59.92	62.60	2.68	MST	FG	Dark grey mudstone, rubbly, carbonaceous on fractured surface, vuggy locally. The end of the interval shows gouge material from 62.48-62.60 m.							
						DK	GY	VU	ASO	1I	Py	0.1
								RB				
62.60	63.19	0.59	MST	FG	Start of the interval is gouged with small quartz veinlets, that show shearing ankerite alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY	BD	OXI	2I	--	0
								SH				
63.19	66.48	3.29	MST	FG	Bluish grey mudstone with soft sediment deformation and local small (1 cm) quartz veinlets, vuggy textured, bedded with light grey siltier beds (1-5 cm). Pyrite occurs along lighter grey beds.							
						DK	GY	BD	OXI	2I	Py	0.1
								VU				
								SD				
66.48	69.23	2.75	MST	FG	Rubbly carbonaceous, black mudstone.							
						DK	GY	RB	OXI	2I	Py	0.1
69.23	71.58	2.35	MST	FG	The interval starts with rubbly, crumbly mudstone with 1-2 cm pyrite bands . The end of the interval becomes more compentent and quartz veined, some gouge veinlets at the end of the interval.							
						DK	GY	RB	---	--	Py	2
								BX				
71.58	72.43	0.85	SLT	VF	Slightly calcareous, medium grained, medium grey siltstone with very small (0.5 mm) quartz veinlets.							
						MD	GY	MA	---	--	--	0
72.43	73.15	0.72	MST	VF	Black coloured, very fine grained, soft clay like mudstone with very sift interbeds of clay. Pyrite is very fine grained and dissaminated.							
						MD	BK	MA	---	--	Py	0.01
73.15	80.31	7.16	SLT	MG	The beginning of the interval starts with coarse grained siltstone, slightly calcareous, and brecciated. The interval become more brecciated towards the end with clasts ranging from 1-2 cm. Clasts appaear sheared. Pyrite is dissaminated.							
						MD	GY	BD	---	--	Py	0.01
								SH				
								BX				
80.31	85.19	4.88	SLT	MG	Bedded siltstone strongly sheared. Pyrite occurs in blebs and shows shearing texture.							
						MD	GY	BD	---	--	Py	1
								SH				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
85.19	89.36	4.17	SLT	FG	Medium grey sheared siltstonenwith light grey silty beds. Pyrite occurs in blebs and forms small beds that looked sheared. The end of the interval becomes less competent.							
						MD	GY	BD	---	--	Py	1.5
								SH				
89.36	94.78	5.42	MST	FG	Massive textured mudstone, small (few mm) thick lighter grey beds show reverse offset. 1 cm thick dolomite veinlet appaers in the centre of the interval.							
						MD	GY	MA	---	--	Py	0.01
94.78	99.06	4.28	MST	FG	Medium grey siltstpne shows local brecciation with rounded, 5-10 cm thick, slity, calcareous clasts.							
						MD	GY	BX	---	--	--	0
								SD				
99.06	100.58	1.52	MST	FG	The beginning of the interval shows small dolomite veinlets shwoing en echelon texture. Pyrite occurs as 4 cm wide clasts.							
						MD	GY	BX	---	--	Py	3
								SH				
100.58	102.69	2.11	MST	FG	Rubbly interval, the end of the interval is slightly quartz veined.							
						MD	GY	RB	OXI	1I	Py	0.01
102.69	104.62	1.93	MST	FG	Rubbly interval, slightly sheared, locally spongy textured and vuggy, the interval becomes more incompetent towards the contact with the limestone.							
						DK	GY	RB	---	--	Py	0.01
104.62	105.29	0.67	LST	FG	Light grey limestone, strongly calcite veined.							
						LT	GY	MA	---	--	--	0
105.29	107.51	2.22	MST	FG	Dark grey coloured mudstone with irregular small quartz veinlets. Rubbly interval, gouge material from 106.12-106.19 m.							
						DK	GY	RB	---	--	--	0
107.51	110.38	2.87	SLT	MG	Medium grey siltstone brecciated with limestone which is strongly calcite veined, rubbly interval.							
						MD	GY	BD	---	--	Py	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
								RB				
110.38	111.97	1.59	MST	FG	Black, strongly carbonaceous, rubbly interval, calcareous, possibly mudstone.							
						DK	BK	RB	---	--	--	0
111.97	113.58	1.61	SLT	FG	Medium grey siltstone, locally brecciated and calcite veined, calcareous matrix, the end of the interval is more calcite veined than the rest.							
						MD	GY	RB	---	--	--	0
								BX				
113.58	114.95	1.37	MST	FG	Black to dark grey mudstone, strongly quartz veined, and brecciated with quartz veinlets in matrix. From 113.82 -113.87 m gouge material.							
						DK	BK	MA	---	--	--	0
114.95	123.34	8.39	MST	FG	Black coloured, competent mudstone, massive textured, locally vuggy.							
						DK	BK	---	---	--	Py	0.01
123.34	127.34	4.00	MST	FG	Dark grey coloured, strongly calcareous, silty mudstone, carbonaceous with small calcite stringer throughout matrix. From 123.34-123.37 m gouge material.							
						DK	GY	MA	---	--	--	0
127.34	130.55	3.21	MST	FG	Dark grey, strongly calcareous mudstone, carbonaceous with rounded to subangular light grey limestone clasts and 3 cm width irregular calcite veinlets. The end of the interval is rubbly.							
						DK	GY	RB	---	--	--	0
130.55	130.95	0.40	MST	FG	Black rubbly mudstone, calcareous and carbonaceous.							
						DK	GY	RB	---	--	--	0
130.95	133.26	2.31	MST	FG	Black, calcareous mudstone with limestone subangular clastst, strongly carbonaceous matrix.							
						DK	GY	BX	---	--	--	0
								RB				
133.26	143.38	10.12	MST	FG	Black coloured, carbonaceous, slightly calcareous mudstone, brecciated with light grey, medium grained limestone fragments. Irregularly interbedded 8-10 cm beds, mainly mudstone dominated interval.							
						MD	GY	BX				
						DK	GY	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
143.38	145.18	1.80	MST	FG	Dark grey coloured, massive, slightly calcareous mudstone with few calcite stringers.							
						DK	GY	MA	---	--	--	0
145.18	148.41	3.23	MST	FG	Black limestone interbedded with 5-6 cm , medium grained, light grey limestone clasts. Mudstone is carbonaceous.							
						DK	GY	BD	---	--	--	0
								BX				
148.41	151.55	3.14	LST	MG	Light grey, medium grained limestone interbedded with black carbonaceous mudstone, strongly calcareous and calcite veined. Brecciated along , bleby irregular, 5-7 cm-calicite veins.							
						MD	GY	BX				
						LT	GY	BD	---	--	--	0
151.55	154.51	2.96	LST	MG	Light grey limestone brecciated with carbonaceous mudstone, strongly calcite veined, rubbly interval.							
						MD	GY	BX	---	--	--	0
154.51	156.22	1.71	LST	MG	The beginning of the interval is light grey calcite veined limestone. The end of the interval becomes more carbonaceous and calcareous mudstone. Large calcite veins show brecciation within.							
						MD	GY	BX	---	--	--	0
156.22	156.80	0.58	MST	FG	Black mudstone, non-calcareous.							
						DK	BK	MA	OXI	1I	--	0
156.80	157.49	0.69	MST	FG	Orange weathered gouge, strongly calcareous and carbonaceous.							
						MD	OR	RB	OXI	3I	--	0
157.49	158.41	0.92	MST	FG	Mudstone brecciated with limestone beds, competent interval, calcite veined.							
						DK	GY	BX	---	--	--	0
								MA				
158.41	159.23	0.82	LST	MG	Limestone dominated interval brecciated with udstone and calcite veinlets. Competent.							
						MD	GY	BX	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
159.23	159.78	0.55	LST	MG	Interval is strongly brecciated at the start with calcite veinlets that show internal brecciation. Strongly calcareous and carbonaceous, rubbly interval.							
						MD	GY	BX	OXI	3I	--	0
								RB				
159.78	161.07	1.29	LST	MG	Limestone brecciated with large, irregular, bleby calcite veins.							
						MD	GY					
						LT	GY	BX	OXI	2I	--	0
161.07	162.89	1.82	MST	FG	Black mudstone, slightly calcareous matrix, carbonaceous with few calcite veinlets, oxidized especially at the end of the interval.							
						DK	GY	MA	OXI	2I	Py	0.01
162.89	164.26	1.37	LST	FG	Fossiliferous limestone, locally calcite veiened, brecciated with orange weathered mudstone and few gouge intervals.							
						MD	GY	BX	OXI	3I	--	0
								FS				
164.26	166.83	2.57	LST	FG	Light grey limestone with coarse to medium grained polylithic grains. Oxidized on fractured surface, locally fossiliferous. Few styolites brecciate matrix.							
						DK	GY	BX	OXI	2I	--	0
								FS				
166.83	167.92	1.09	MST	FG	Black, calcareous mudstone with calcite veinlets, vuggy textured, carbonaceous, local clay material in matrix.							
						DK	BK	BX	OXI	2I	--	0
167.92	170.23	2.31	LST	CG	Limestone with polylithic subangular fragments of 3-10 cm width.							
						LT	GY	BX	OXI	2I	--	0
170.23	171.35	1.12	MST	FG	Black coloured, rubbly, slightly calcareous and carbonaceous mudstone.							
						DK	BK	RB	---	--	--	0
171.35	174.90	3.55	MST	FG	Strongly carbonaceous, massive, black mudstone with few mm thick calcite veinlets, slightly calcareous.							
						DK	BK	MA	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
174.90	175.85	0.95	LST	FG	Strongly calcite veined limestone brecciated with black, carbonaceous mudstone interbeds . The end of the interval is brecciated with calcite veins (1 cm) and small subangular rock fragments appear within the calcite veins.							
						MD	GY	BX	---	--	--	0
175.85	178.17	2.32	MST	FG	Massive, grey-black mudstone with small, sheared calcite veinlets and non-calcareous matrix. OXI alteration occurs on the fractured surface and within veins. Locally vuggy and spongy textured.							
						MD	GY	MA	OXI	2I	--	0
						DK	BK	SH				
178.17	178.88	0.71	LST	FG	Short interval of medium to fine grained limestone, slightly brecciated at the end of the interval.							
						MD	GY	BX	---	--	--	0
								MA				
178.88	181.22	2.34	MST	FG	Gouge section with brown oxidized alteration and locally calcareous and carbonaceous matrix. Green hue on fractured surface (ASO?)							
						MD	BN	RB	OXI	4I	--	0
						MD	BK	---	ASO	1I		
181.22	182.12	0.90	LST	MG	The start of the interval is brecciated limestone with calcite veins. From 181.80 m the interval becomes light grey, massive limestone.							
						LT	GY	BX	OXI	1I	--	0
								MA				
182.12	185.08	2.96	MST	FG	Rubbly interval of black mudstone, calcareous-carbonaceous matrix with few calcite veinlets . The end of the interval. The end of the interval is gouge from 184.84 m.							
						DK	BK	BX	OXI	2I	--	0
								RB				
185.08	185.93	0.85	LST	FG	The beginning of the interval is gouge. The interval becomes strongly calcite veined, brecciated, carbonaceous limestone towards the end.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BX	---	--	--	0
185.93	192.02	6.09	MST	FG	Black, carbonaceous, calcareous mudstone. The beginning of the interval is brecciated with lighter grey, subrounded limestone fragments. AT 188.93 m , large calcite vein cross cuts matrix.							
						LT	GY					
						DK	BK	BX	---	--	--	0
192.02	193.15	1.13	MST	FG	Black, carbonaceous, calcareous mudstone breciated with irregular bleby calcite veins.							
						DK	BK	BX	---	--	--	0
193.15	196.19	3.04	MST	FG	Black, non-calcareous, carbonaceous, massive, vuggy mudstone.							
						DK	BK	RB	---	--	--	0
								MA				
196.19	198.50	2.31	MST	FG	The start of the interval is brecciated brown limestone with calcite veins up to 196.16 m. The interval becomes black, vuggy and oxidized, non-calcareous, carbonaceous mudstone.							
						DK	BK	RB	OXI	2I	--	0
								VU				
198.50	199.64	1.14	MST	FG	lack, non-oxidized, non-calcareous, carbonaceous mudstone.							
						DK	BK	MA	OXI	2I	--	0
199.64	202.52	2.88	MST	FG	Black, slightly oxidized, non-calcareous, carbonaceous gouge..							
						DK	BK	BX	OXI	2I	--	0
202.52	206.07	3.55	LST	MG	The start of the interval is oxidized, rubbly interval up to 202.69 m. The interval becomes brecciated limestone with few styolites and small calcite veinlets that show internal brecciation within the veins itself. Hematite alteration on fractured surface.							
						LT	GY	BX	OXI	3I	--	0
									HEM	1I		
206.07	208.14	2.07	LST	MG	Strongly calcite veined, carbonate altered breciated, styolitic limestone. The calcite veins are brecciated with subangular 5-10 cm large clasts whichare rimmed with sytolites. The end of the interval is strongly oxidized especially on the fractured surface.Oxidation starts at 207.26 m to 208.14 m.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	BX	OXI	3I	--	0
208.14	210.03	1.89	LST	FG	The start of the interval is styolitic light grey limestone. From 208.36 m up ro 208.88 m is brecciated calcite. The end of the interval is vuggy, oxidized and possibly ASO altered.							
						LT	GY	BX	ASO	3I	--	0
								VU				
								MA	OXI	3I		
210.03	211.84	1.81	LST	MG	The startof the interval is oxidized limestone up to 210.38 m. The interval becomes brecciated calcite towards the end.							
						LT	GY	BX	OXI	4I	--	0
								MA				
211.84	214.56	2.72	LST	MG	Limestone, rubbly, strongly oxidized and carbonaceous, large calcite veined (3 cm) towards the end of the interval.							
						LT	GY	BX	OXI	4I	--	0
								RB				
214.56	215.70	1.14	LST	MG	Strongly hematitic altered, oxidized, crackled textured, styolitic limestone, locally hematitic brecciated.							
						MD	BN		HEM	4I		
						LT	GY	---	OXI	4I	Om	0.01
									ASO	2I		
215.70	216.68	0.98	LST	MG	Styolite brecciated limestone. Hematite altered locally.							
						MD	GY	BX	OXI	3I	--	0
									HEM	2I		
216.68	218.99	2.31	LST	FG	Medium grey-beige crackled limestone with slight ASO alteration on the fractured surface. Locally vuggy textured. Realgar appaears as small crystals in calcite veins.							
						MD	BG	VU				
						MD	GY	CR	ASO	1I	Re	0.01
218.99	222.07	3.08	LST	FG	Medium-grey beige limestone, crackled textured, sytolitic. Large calcite veins appear from 221.68 m.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	CR	ASO	1I	--	0
						MD	BG					
222.07	223.70	1.63	LST	MG	Grey limestone, strongly calcite veined, realgar and orpiment mineralization becomes more intense fromthis interval. Texture is crackled and brecciated mainly with few styolites rimming the clasts. Realgar occurs in small crystals in calcite veinlets. From 223.53 m 20 cm width calcite veins occur.							
						MD	GY	BX	ASO	1I	Re	0.01
								CR				
223.70	226.52	2.82	LST	MG	Massive limestone , locally crackled brown limestone with few calcite veinlets. Realgar occurs in calcite veins.							
						MD	GY	MA				
						MD	BN	CR	---	--	Re	0.01
226.52	227.38	0.86	LST	MG	Short interval of brecciated limestone with calcite veinlets that are green to beige weathering and locally hematitic altered. The end of the interval is crackled textured.							
						MD	GY	BX	HEM	1I	--	0
227.38	228.60	1.22	LST	FG	Crackled limestone with large 6 cm calcite veinlets at the end of the interval. Realgar occurs as small crystals in matrix.							
						MD	GY	CR	---	--	--	0
						MD	BN					
228.60	229.80	1.20	LST	MG	Rubbly interval of crackled limestone with vuggy texture.							
						MD	BN	RB				
						MD	GY	BX	OXI	1I	--	0
								CR				
229.80	230.23	0.43	LST	MG	Rubbly limestone, brecciated with long 4 cm calcite veins. Realgar occursin calcite veinlets or on the edge of calcite veins.							
						MD	BN	RB				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BX	---	--	Re	0.01
230.23	232.25	2.02	LST	FG	Styolitic limestone with large calcite veins that appaear as brecciated, angular fragments and show zonation.							
						MD	GY	BX	OXI	1I	--	0
								MA				
232.25	233.43	1.18	LST	FG	Brecciated limestone with styolitic, angular clasts of calcite veins. Aso and Oxi on fractured surface.							
						MD	GY	MA	OXI	2I	--	0
									ASO	2I		
233.43	236.17	2.74	LST	MG	Medium grained, brown grey limestone locally crackled textured. Realgar appaears as small crystals in maxtrix. Few, larger, irregular, bleby calcite veins cross-cut matrix.							
						MD	GY	MA	---	--	Re	0.01
						MD	BN	CR				
236.17	237.56	1.39	LST	MG	Grey, medium grained limestone with few styolites. The beginning of the interval is crackled textured . ASO occurs on the fractured surface.							
						MD	GY	CR	ASO	3I	Re	0.01
								MA			Om	0.01
237.56	239.58	2.02	LST	FG	Vuggy textured limestone with few styolites and irregular calcite veinlets. The end of the interval is rubbly and more oxidized.							
						MD	GY	VU	ASO	3I	Re	0.1
									OXI	2I	Om	0.1
239.58	240.79	1.21	LST	MG	Veined, slightly brecciated limestone with strong brown oxidation on the rubbly parts. Towards the end of the interval it becomes rubbly and vuggy textured.							
						MD	BN	VU	ASO	3I		
						MD	GY	BX	OXI	2I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
240.79	245.06	4.27	LST	MG	Fossiliferous limestone with few calcite veins. Some realgar appaears on the fractured surface and in matrix as small crystals. ASO mainly on the fractured surfaced.							
						MD	GY	FS	ASO	1I	Re	0.01
						MD	BN					
245.06	247.33	2.27	LST	MG	Grey, fossiliferous, styolitic limestone with small realgar crystals in matrix.							
						MD	GY	FS	ASO	2I	Re	0.1
								RB			Om	0.1
247.33	251.73	4.40	LST	FG	Rubbly interval of limestone with trace ASO. From 251.35-251.73m large calcite veined.							
						MD	GY	RB	ASO	2I	--	0
251.73	254.79	3.06	LST	FG	Fine grained, styolitic limestone. From 251.73-252.68 m grey gouge appaears.							
						DK	GY	RB	---	--	--	0
254.79	256.63	1.84	LST	FG	Grey, strongly calcite veined limestone up to 255.12 m. From 255.12 m rubbly, coarse grained, brecciated limestone.							
						MD	GY	BX	---	--	--	0
								RB				
256.63	257.34	0.71	LST	FG	Rubbly interval, locally gouge with clay (257.09-257.34 m).							
						MD	GY	RB	---	--	--	0
								BX				
257.34	260.82	3.48	LST	FG	Massive, locally crackled limestone with few styolites. Realgar occurs in calcite veinlets.							
						MD	GY	MA	---	--	Re	0.01
								CR				
260.82	262.13	1.31	LST	MG	Brecciated, calcite veined limestone with few styolites.							
						MD	GY	BX	---	--	--	0
262.13	265.11	2.98	LST	FG	Crackled limestone with few styolites.							
						MD	GY	CR	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
265.11	268.07	2.96	LST	FG	Crackled and brecciated limestone. Calcite fills brecciated matrix. Realgar occurs as small crystals in matrix.							
						MD	GY	CR	---	--	Re	0.1
								BX				
268.07	269.36	1.29	LST	FG	Crackled textured limestone at the beginning of the interval for 10 cm. Massive, styolitic limestone.							
						MD	GY	CR	---	--	--	0
								MA				
269.36	271.27	1.91	LST	FG	Crackled limestone with locally oxidized fractured surface.							
						MD	GY	CR	OXI	1I	--	0
271.27	272.34	1.07	LST	FG	Massive limestone with few calcite veins (3 cm width).							
						MD	GY	MA	OXI	2I	--	0
272.34	273.48	1.14	LST	FG	Crackled, grey limestone.							
						MD	GY	CR	---	--	--	0
273.48	275.20	1.72	LST	FG	Massive limestone with few styolites and calcite veins.							
						MD	GY	MA	---	--	--	0
275.20	276.73	1.53	LST	FG	Medium grey, rubbly limestone with trace OXI alteration on the fractured surface.							
						MD	GY	RB	OXI	3I	--	0
276.73	279.43	2.70	LST	FG	Massive limestone with thin calcite veinlets. Towards the end of the interval, the limestone is slightly soft sediment deformed and brecciated.							
						DK	GY	MA	OXI	3I	--	0
								SD				
279.43	280.42	0.99	LST	FG	Brecciated limestone with calcite veinlets.							
						LT	GY	BX	---	--	--	0
280.42	286.51	6.09	LST	FG	Crackled, locally styolitic limestone with few, short rudstone intervals.							
						MD	GY	CR	OXI	2I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
								RD	HEM	1I		

AN -14-009

Nadaleen
Anubis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.05	3.05	0	0	0.00	0	--	--	--	not collected, start of hole at 3.05
3.05	4.57	1.52	0.21	14	0.00	0	4R	3H	2W	
4.57	6.10	1.53	0.99	65	0.00	0	2R	3H	3W	
6.10	7.62	1.52	0.66	43	0.00	0	1R	3H	3W	
7.62	9.14	1.52	1.51	99	0.29	19	0R	3H	3W	
9.14	10.67	1.53	1.53	100	0.00	0	0R	3H	2W	
10.67	12.19	1.52	1.52	100	0.24	16	0R	3H	2W	
12.19	13.72	1.53	1.5	98	0.64	42	0R	3H	2W	
13.72	15.24	1.52	1.45	95	0.46	30	0R	3H	2W	
15.24	16.76	1.52	1.42	93	0.10	7	0R	3H	2W	
16.76	18.29	1.53	1.53	100	0.56	37	0R	3H	2W	
18.29	19.81	1.52	1.36	89	0.44	29	0R	3H	2W	
19.81	21.34	1.53	1.48	97	0.87	57	0R	4H	2W	
21.34	22.86	1.52	1.52	100	0.34	22	0R	4H	2W	
22.86	24.38	1.52	1.5	99	0.46	30	0R	4H	2W	
24.38	25.91	1.53	1.5	98	0.69	45	0R	3H	2W	
25.91	27.43	1.52	1.52	100	0.83	55	0R	3H	2W	
27.43	28.96	1.53	1.53	100	0.58	38	0R	3H	2W	
28.96	30.48	1.52	1.49	98	0.92	61	0R	3H	2W	
30.48	32.00	1.52	1.52	100	0.69	45	0R	3H	2W	
32.00	33.53	1.53	1.53	100	0.52	34	0R	3H	2W	
33.53	35.05	1.52	1.48	97	0.69	45	0R	3H	2W	
35.05	36.58	1.53	1.53	100	1.21	79	0R	3H	1W	
36.58	38.10	1.52	1.45	95	0.79	52	0R	3H	1W	
38.10	39.62	1.52	1.52	100	0.88	58	0R	3H	2W	
39.62	41.15	1.53	1.46	95	1.33	87	0R	2H	1W	
41.15	42.67	1.52	1.46	96	0.79	52	0R	2H	2W	
42.67	44.20	1.53	1.37	90	0.98	64	0R	2H	2W	
44.20	45.72	1.52	1.41	93	0.70	46	0R	2H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
45.72	47.24	1.52	1.44	95	1.00	66	0R	2H	2W	
47.24	48.77	1.53	1.37	90	1.07	70	0R	2H	2W	
48.77	50.29	1.52	1.41	93	1.10	72	1R	3H	1W	
50.29	51.82	1.53	1.46	95	1.20	78	1R	3H	1W	
51.82	53.34	1.52	1.36	89	0.39	26	0R	2H	2W	
53.34	54.86	1.52	1.4	92	1.34	88	0R	2H	2W	
54.86	56.39	1.53	1.47	96	1.04	68	0R	2H	2W	
56.39	57.91	1.52	1.42	93	1.19	78	0R	2H	2W	
57.91	59.44	1.53	1.37	90	0.78	51	1R	3H	2W	
59.44	60.96	1.52	1.36	89	0.72	47	0R	2H	2W	
60.96	62.48	1.52	1.35	89	0.63	41	0R	2H	2W	
62.48	64.01	1.53	1.35	88	0.79	52	0R	2H	2W	
64.01	65.53	1.52	1.41	93	0.71	47	0R	2H	2W	
65.53	67.06	1.53	1.38	90	0.86	56	0R	2H	2W	
67.06	68.58	1.52	1.37	90	0.54	36	0R	2H	2W	
68.58	70.10	1.52	1.34	88	0.45	30	0R	2H	2W	
70.10	71.63	1.53	1.37	90	1.14	75	0R	2H	1W	
71.63	73.15	1.52	1.35	89	1.05	69	1R	2H	1W	
73.15	74.67	1.52	1.48	97	1.04	68	0R	3H	1W	
74.67	76.20	1.53	1.5	98	1.11	73	1R	3H	1W	
76.20	77.72	1.52	1.52	100	1.06	70	1R	3H	1W	
77.72	79.25	1.53	1.48	97	0.87	57	0R	3H	1W	
79.25	80.77	1.52	1.52	100	1.23	81	0R	3H	1W	
80.77	82.30	1.53	1.53	100	0.84	55	0R	3H	1W	
82.30	83.82	1.52	1.37	90	0.76	50	0R	3H	1W	
83.82	85.34	1.52	1.47	97	1.11	73	0R	3H	1W	
85.34	86.87	1.53	1.47	96	1.11	73	0R	3H	1W	
86.87	88.39	1.52	1.52	100	0.45	30	0R	3H	1W	
88.39	89.92	1.53	1.27	83	0.45	29	0R	3H	1W	
89.92	91.44	1.52	1.52	100	0.61	40	0R	3H	2W	
91.44	92.96	1.52	1.52	100	0.56	37	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
92.96	94.49	1.53	1.51	99	0.54	35	0R	3H	1W	
94.49	96.01	1.52	1.46	96	0.24	16	0R	3H	1W	
96.01	97.54	1.53	1.5	98	0.64	42	0R	3H	1W	
97.54	99.06	1.52	1.5	99	0.38	25	0R	3H	1W	
99.06	100.58	1.52	1.52	100	0.57	38	0R	3H	1W	
100.58	102.11	1.53	1.34	88	0.23	15	0R	3H	1W	
102.11	103.63	1.52	1.52	100	0.00	0	0R	2H	1W	
103.63	105.16	1.53	1.51	99	0.28	18	3R	2H	1W	
105.16	106.68	1.52	1.52	100	0.23	15	0R	3H	1W	
106.68	108.20	1.52	1.42	93	0.00	0	3R	3H	1W	HCL reactivity mostly 0, body of rock with reaction of 4
108.20	109.73	1.53	1.53	100	0.89	58	4R	3H	1W	
109.73	111.25	1.52	1.52	100	0.10	7	3R	3H	1W	
111.25	112.78	1.53	1.53	100	0.00	0	0R	3H	1W	
112.78	114.30	1.52	1.52	100	0.53	35	2R	4H	1W	HCL reactivity mostly 0
114.30	115.82	1.52	1.52	100	0.35	23	0R	4H	1W	
115.82	117.35	1.53	1.41	92	1.01	66	0R	4H	1W	
117.35	118.87	1.52	1.46	96	0.73	48	0R	4H	1W	
118.87	120.40	1.53	1.53	100	0.90	59	0R	4H	1W	
120.40	121.92	1.52	1.52	100	0.97	64	0R	4H	1W	
121.92	123.44	1.52	1.32	87	0.45	30	0R	4H	1W	
123.44	124.97	1.53	1.53	100	0.00	0	2R	3H	1W	
124.97	126.49	1.52	1.47	97	0.43	28	2R	3H	1W	
126.49	128.02	1.53	1.53	100	0.79	52	2R	3H	1W	
128.02	129.54	1.52	1.43	94	0.91	60	2R	3H	1W	
129.54	131.06	1.52	1.47	97	0.43	28	2R	3H	1W	
131.06	132.59	1.53	1.49	97	0.56	37	2R	3H	1W	
132.59	134.11	1.52	1.45	95	0.44	29	3R	3H	1W	
134.11	135.64	1.53	1.41	92	0.73	48	4R	3H	1W	
135.64	137.16	1.52	1.52	100	0.97	64	3R	4H	1W	
137.16	138.68	1.52	1.46	96	1.06	70	3R	3H	1W	
138.68	140.21	1.53	1.53	100	1.13	74	3R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
140.21	141.73	1.52	1.38	91	0.47	31	3R	3H	1W	
141.73	143.26	1.53	1.47	96	0.61	40	3R	3H	2W	
143.26	144.78	1.52	1.44	95	0.97	64	2R	3H	1W	
144.78	146.30	1.52	1.45	95	0.54	36	4R	3H	1W	
146.30	147.83	1.53	1.48	97	0.25	16	3R	3H	1W	
147.83	149.35	1.52	1.38	91	0.46	30	4R	4H	1W	
149.35	150.88	1.53	1.53	100	0.57	37	4R	3H	1W	
150.88	152.40	1.52	1.5	99	0.42	28	4R	3H	1W	
152.40	153.92	1.52	1.37	90	0.34	22	3R	2H	1W	
153.92	155.45	1.53	1.49	97	1.17	76	3R	3H	1W	
155.45	156.97	1.52	1.52	100	1.02	67	1R	2H	3W	
156.97	158.50	1.53	1.5	98	0.43	28	2R	3H	2W	
158.50	160.02	1.52	1.5	99	0.76	50	3R	3H	2W	
160.02	161.54	1.52	1.52	100	0.95	63	3R	3H	1W	
161.54	163.07	1.53	1.53	100	0.64	42	2R	2H	2W	
163.07	164.59	1.52	1.37	90	0.87	57	4R	3H	2W	
164.59	166.12	1.53	1.53	100	0.45	29	4R	3H	2W	
166.12	167.64	1.52	1.47	97	0.93	61	4R	3H	2W	
167.64	169.16	1.52	1.45	95	0.96	63	4R	4H	2W	
169.16	170.69	1.53	1.53	100	0.74	48	4R	2H	2W	
170.69	172.21	1.52	1.52	100	0.25	16	2R	3H	1W	
172.21	173.74	1.53	1.53	100	0.00	0	2R	3H	1W	
173.74	175.26	1.52	1.49	98	0.12	8	2R	3H	2W	
175.26	176.78	1.52	1.52	100	1.17	77	0R	3H	2W	
176.78	178.31	1.53	1.45	95	1.06	69	0R	3H	2W	
178.31	179.83	1.52	1.33	88	0.48	32	3R	1H	3W	mixed HCL reactions of 1, and 4
179.83	181.36	1.53	1.53	100	0.11	7	3R	2H	3W	
181.36	182.88	1.52	1.48	97	0.66	43	3R	3H	2W	
182.88	184.40	1.52	1.38	91	0.27	18	2R	2H	1W	
184.40	185.93	1.53	1.53	100	0.15	10	2R	2H	1W	
185.93	187.45	1.52	1.52	100	0.20	13	2R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
187.45	188.98	1.53	1.53	100	0.91	59	2R	3H	1W	
188.98	190.50	1.52	1.43	94	0.45	30	2R	3H	1W	
190.50	192.02	1.52	1.52	100	0.39	26	1R	3H	1W	
192.02	193.55	1.53	1.46	95	0.51	33	2R	3H	1W	
193.55	195.07	1.52	1.52	100	0.49	32	0R	3H	1W	
195.07	196.60	1.53	1.3	85	1.18	77	0R	3H	3W	
196.60	198.12	1.52	1.52	100	1.12	74	0R	2H	2W	
198.12	199.64	1.52	1.39	91	0.28	18	0R	2H	2W	
199.64	201.17	1.53	1.1	72	0.00	0	0R	1H	1W	
201.17	202.69	1.52	1.36	89	0.00	0	1R	1H	3W	
202.69	204.22	1.53	1.49	97	1.01	66	4R	4H	1W	
204.22	205.74	1.52	1.52	100	0.56	37	4R	4H	1W	
205.74	207.26	1.52	1.52	100	0.54	36	4R	4H	2W	
207.26	208.79	1.53	1.53	100	0.92	60	4R	3H	2W	
208.79	210.31	1.52	0.95	63	0.22	14	4R	4H	2W	
210.31	211.84	1.53	1.28	84	0.62	41	4R	4H	2W	
211.84	213.36	1.52	1.49	98	0.00	0	4R	4H	3W	
213.36	214.88	1.52	1.36	89	0.16	11	4R	4H	1W	
214.88	216.41	1.53	1.53	100	0.32	21	4R	4H	3W	
216.41	217.93	1.52	1.51	99	0.72	47	4R	4H	2W	
217.93	219.46	1.53	1.44	94	1.25	82	4R	4H	2W	
219.46	220.98	1.52	1.5	99	1.25	82	4R	4H	2W	
220.98	222.50	1.52	1.42	93	1.28	84	4R	4H	1W	
222.50	224.03	1.53	1.53	100	1.15	75	4R	4H	1W	
224.03	225.55	1.52	1.47	97	1.35	89	4R	4H	1W	
225.55	227.08	1.53	1.5	98	1.16	76	4R	4H	2W	
227.08	228.60	1.52	1.44	95	1.05	69	4R	4H	2W	
228.60	230.12	1.52	1.42	93	0.00	0	4R	4H	2W	
230.12	231.65	1.53	1.08	71	0.36	24	4R	4H	1W	
231.65	234.70	3.05	3	98	2.18	71	4R	4H	2W	
234.70	237.74	3.04	3.04	100	2.28	75	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
237.74	240.79	3.05	2.88	94	1.27	42	4R	4H	3W	
240.79	243.84	3.05	3.03	99	1.48	49	4R	4H	2W	
243.84	245.67	1.83	1.68	92	0.72	39	4R	4H	1W	
245.67	247.50	1.83	1.7	93	0.10	5	4R	4H	2W	
247.50	248.11	0.61	0.49	80	0.00	0	4R	4H	1W	
248.11	249.02	0.91	0.56	62	0.00	0	4R	4H	1W	
249.02	249.94	0.92	0.53	58	0.00	0	4R	4H	1W	
249.94	251.16	1.22	0.75	61	0.28	23	4R	4H	1W	
251.16	252.68	1.52	1.08	71	0.12	8	4R	2H	2W	
252.68	255.12	2.44	1.83	75	1.10	45	4R	3H	1W	
255.12	256.03	0.91	0.26	29	0.00	0	4R	1H	2W	
256.03	257.25	1.22	0.96	79	0.48	39	4R	3H	2W	
257.25	259.08	1.83	1.42	78	0.74	40	4R	3H	2W	
259.08	260.91	1.83	1.83	100	1.15	63	4R	4H	1W	
260.91	262.13	1.22	1.22	100	0.83	68	4R	4H	2W	
262.13	265.18	3.05	2.84	93	2.28	75	4R	4H	2W	
265.18	268.22	3.04	3.04	100	1.79	59	4R	4H	1W	
268.22	271.27	3.05	3.04	100	2.87	94	4R	4H	1W	
271.27	274.32	3.05	3.05	100	2.46	81	4R	4H	2W	
274.32	277.37	3.05	3.05	100	1.29	42	4R	4H	2W	
277.37	280.42	3.05	2.86	94	0.87	29	4R	4H	1W	
280.42	283.46	3.04	3.04	100	2.69	88	4R	4H	1W	
283.46	286.51	3.05	3.05	100	2.48	81	4R	4H	1W	

AN -14-009

Nadaleen
Anubis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K310332	14-014			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310400	14-016		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310394	14-016			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310386	14-015			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310377	14-015		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310374	14-015			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310358	14-015		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310270	14-012			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310343	14-014		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310405	14-016			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310321	14-014		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310314	14-013			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310306	14-013		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310293	14-013			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310288	14-013		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310275	14-012		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310347	14-014			☑	☐	☐
6.28	9.14	2.86	MST	2.86	100	K310265	14-012			☐	☐	☐
9.14	12.19	3.05	MST	3.05	100	K310266	14-012			☐	☐	☐
12.19	15.24	3.05	MST	2.95	97	K310267	14-012			☐	☐	☐
15.24	18.29	3.05	MST	2.95	97	K310268	14-012			☐	☐	☐
18.29	21.34	3.05	MST	2.84	93	K310269	14-012			☐	☐	☐
21.34	24.38	3.04	MST	3.02	99	K310271	14-012			☐	☐	☐
24.38	27.43	3.05	MST	3.02	99	K310272	14-012			☐	☐	☐
27.43	30.48	3.05	MST	2.97	97	K310273	14-012			☐	☐	☐
30.48	33.53	3.05	MST	3.05	100	K310274	14-012			☐	☐	☐
33.53	36.58	3.05	MST	3.01	99	K310276	14-012			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
36.58	39.62	3.04	MST	2.97	98	K310277	14-012			☐	☐	☐
39.62	42.67	3.05	MST	2.92	96	K310278	14-012			☐	☐	☐
42.67	45.72	3.05	MST	2.78	91	K310279	14-012			☐	☐	☐
42.67	45.72	3.05	MST	2.78	91	K310280	14-012			☐	☐	☑
45.72	48.77	3.05	MST	2.81	92	K310281	14-012			☐	☐	☐
48.77	51.82	3.05	MST	2.87	94	K310282	14-012			☐	☐	☐
51.82	54.86	3.04	MST	2.76	91	K310283	14-013			☐	☐	☐
54.86	57.91	3.05	MST	2.89	95	K310284	14-013			☐	☐	☐
57.91	60.96	3.05	MST	2.73	90	K310285	14-013			☐	☐	☐
60.96	64.01	3.05	MST	2.70	89	K310286	14-013			☐	☐	☐
64.01	67.06	3.05	MST	2.79	91	K310287	14-013			☐	☐	☐
67.06	68.58	1.52	MST	1.37	90	K310289	14-013			☐	☐	☐
68.58	70.10	1.52	MST	1.34	88	K310290	14-013			☐	☐	☐
70.10	71.63	1.53	MST	1.37	90	K310291	14-013			☐	☐	☐
71.63	73.15	1.52	MST	1.35	89	K310292	14-013			☐	☐	☐
73.15	76.20	3.05	MST	2.98	98	K310294	14-013			☐	☐	☐
76.20	79.25	3.05	MST	3.00	98	K310295	14-013			☐	☐	☐
79.25	82.30	3.05	MST	3.05	100	K310296	14-013			☐	☐	☐
82.30	85.34	3.04	MST	2.84	93	K310297	14-013			☐	☐	☐
85.34	88.39	3.05	MST	2.99	98	K310298	14-013			☐	☐	☐
85.34	88.39	3.05	MST	2.99	98	K310299	14-013			☐	☐	☑
88.39	91.44	3.05	MST	2.79	91	K310300	14-013			☐	☐	☐
91.44	94.49	3.05	MST	3.03	99	K310301	14-013			☐	☐	☐
94.49	97.54	3.05	MST	2.96	97	K310302	14-013			☐	☐	☐
97.54	100.58	3.04	MST	3.02	99	K310303	14-013			☐	☐	☐
100.58	103.63	3.05	MST	2.86	94	K310304	14-013			☐	☐	☐
103.63	105.29	1.66	MST	1.65	99	K310305	14-013			☐	☐	☐
105.29	107.51	2.22	MST	2.20	99	K310307	14-013			☐	☐	☐
107.51	109.73	2.22	MST	2.06	93	K310308	14-013			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
109.73	112.78	3.05	MST	2.54	83	K310309	14-013			☐	☐	☐
112.78	113.58	0.80	MST	0.80	100	K310310	14-013			☐	☐	☐
113.58	114.95	1.37	MST	1.25	91	K310311	14-013			☐	☐	☐
114.95	117.35	2.40	MST	2.28	95	K310312	14-013			☐	☐	☐
117.35	120.40	3.05	MST	2.99	98	K310313	14-013			☐	☐	☐
120.40	123.44	3.04	MST	2.84	93	K310315	14-013			☐	☐	☐
120.40	123.44	3.04	MST	2.84	93	K310316	14-013			☐	☑	☐
123.44	126.49	3.05	MST	3.00	98	K310317	14-013			☐	☐	☐
126.49	129.54	3.05	MST	2.96	97	K310318	14-013			☐	☐	☐
129.54	132.59	3.05	MST	2.96	97	K310319	14-014			☐	☐	☐
132.59	135.64	3.05	MST	2.86	94	K310320	14-014			☐	☐	☐
135.64	138.68	3.04	MST	2.98	98	K310322	14-014			☐	☐	☐
138.68	141.73	3.05	MST	3.01	99	K310323	14-014			☐	☐	☐
141.73	144.78	3.05	MST	2.91	95	K310324	14-014			☐	☐	☐
144.78	147.83	3.05	MST	2.93	96	K310325	14-014			☐	☐	☐
144.78	147.83	3.05	MST	2.93	96	K310326	14-014			☐	☐	☑
147.83	150.88	3.05	MST	2.91	95	K310327	14-014			☐	☐	☐
150.88	152.40	1.52	LST	1.52	100	K310328	14-014			☐	☐	☐
152.40	153.92	1.52	LST	1.18	78	K310329	14-014			☐	☐	☐
153.92	156.22	2.30	LST	2.27	99	K310330	14-014			☐	☐	☐
156.22	157.49	1.27	LST	1.05	83	K310331	14-014			☐	☐	☐
157.49	158.41	0.92	LST	0.92	100	K310333	14-014			☐	☐	☐
158.41	159.78	1.37	LST	1.30	95	K310334	14-014			☐	☐	☐
159.78	161.07	1.29	LST	1.25	97	K310335	14-014			☐	☐	☐
161.07	162.89	1.82	LST	1.82	100	K310336	14-014			☐	☐	☐
162.89	164.59	1.70	LST, LST	1.20	71	K310337	14-014			☐	☐	☐
164.59	167.64	3.05	LST	3.00	98	K310338	14-014			☐	☐	☐
167.64	170.23	2.59	LST	2.43	94	K310339	14-014			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
167.64	170.23	2.59	LST	2.43	94	K310340	14-014			☐	☑	☐
170.23	171.35	1.12	LST	0.88	79	K310341	14-014			☐	☐	☐
171.35	173.74	2.39	LST	2.39	100	K310342	14-014			☐	☐	☐
173.74	176.78	3.04	LST	2.98	98	K310344	14-014			☐	☐	☐
176.78	178.88	2.10	LST	2.01	96	K310345	14-014			☐	☐	☐
178.88	181.22	2.34	LST	1.76	75	K310346	14-014			☐	☐	☐
181.22	182.88	1.66	LST	1.60	96	K310348	14-014			☐	☐	☐
182.88	185.08	2.20	LST	1.90	86	K310349	14-014			☐	☐	☐
185.08	185.93	0.85	LST	0.83	98	K310350	14-014			☐	☐	☐
185.93	188.98	3.05	LST	3.05	100	K310351	14-014			☐	☐	☐
188.98	192.02	3.04	LST	2.87	94	K310352	14-014			☐	☐	☐
192.02	193.15	1.13	LST	1.08	96	K310353	14-014			☐	☐	☐
193.15	196.19	3.04	LST	2.69	88	K310354	14-014			☐	☐	☐
196.19	198.50	2.31	LST	2.31	100	K310355	14-015			☐	☐	☐
198.50	199.64	1.14	LST	0.99	87	K310356	14-015			☐	☐	☐
199.64	202.52	2.88	LST	2.13	74	K310357	14-015			☐	☐	☐
202.52	204.22	1.70	LST	1.63	96	K310359	14-015			☐	☐	☐
204.22	207.26	3.04	LST	3.04	100	K310360	14-015			☐	☐	☐
207.26	210.03	2.77	LST	2.35	85	K310361	14-015			☐	☐	☐
210.03	211.84	1.81	LST	1.23	68	K310362	14-015			☐	☐	☐
211.84	214.88	3.04	LST	2.53	83	K310363	14-015			☐	☐	☐
214.88	215.70	0.82	LST	0.82	100	K310364	14-015			☐	☐	☐
215.70	216.68	0.98	LST	0.93	95	K310365	14-015			☐	☐	☐
216.68	217.93	1.25	LST	1.23	98	K310366	14-015			☐	☐	☐
217.93	220.98	3.05	LST	3.05	100	K310367	14-015			☐	☐	☐
217.93	220.98	3.05	LST	3.05	100	K310368	14-015			☐	☑	☐
220.98	224.03	3.05	LST	3.05	100	K310369	14-015			☐	☐	☐
224.03	225.55	1.52	LST	1.48	97	K310370	14-015			☐	☐	☐
225.55	226.53	0.98	LST	0.97	99	K310371	14-015			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
226.53	227.38	0.85	LST	0.85	100	K310372	14-015			☐	☐	☐
227.38	228.60	1.22	LST	1.22	100	K310373	14-015			☐	☐	☐
228.60	229.80	1.20	LST	1.09	91	K310375	14-015			☐	☐	☐
229.80	232.35	2.55	LST	2.26	89	K310376	14-015			☐	☐	☐
232.35	233.43	1.08	LST	1.07	99	K310378	14-015			☐	☐	☐
233.43	234.70	1.27	LST	1.25	98	K310379	14-015			☐	☐	☐
234.70	236.17	1.47	LST	1.46	99	K310380	14-015			☐	☐	☐
236.17	237.56	1.39	LST	1.39	100	K310381	14-015			☐	☐	☐
237.56	239.58	2.02	LST	1.73	86	K310382	14-015			☐	☐	☐
239.58	240.79	1.21	LST	1.21	100	K310383	14-015			☐	☐	☐
240.79	243.84	3.05	LST, LST	2.97	97	K310384	14-015			☐	☐	☐
243.84	245.06	1.22	LST	1.14	93	K310385	14-015			☐	☐	☐
245.06	248.11	3.05	LST	2.71	89	K310387	14-015			☐	☐	☐
248.11	251.16	3.05	LST	1.05	34	K310388	14-015			☐	☐	☐
248.11	251.16	3.05	LST	1.05	34	K310389	14-015			☐	☐	☑
251.16	252.68	1.52	LST	1.04	68	K310390	14-015			☐	☐	☐
252.68	254.79	2.11	LST	1.08	51	K310391	14-016			☐	☐	☐
254.79	256.63	1.84	LST	1.62	88	K310392	14-016			☐	☐	☐
256.63	257.34	0.71	LST	0.71	100	K310393	14-016			☐	☐	☐
257.34	259.08	1.74	LST	0.95	55	K310395	14-016			☐	☐	☐
259.08	262.13	3.05	LST	3.05	100	K310396	14-016			☐	☐	☐
262.13	265.18	3.05	LST	2.84	93	K310397	14-016			☐	☐	☐
265.18	268.22	3.04	LST	3.04	100	K310398	14-016			☐	☐	☐
268.22	271.27	3.05	LST	3.04	100	K310399	14-016			☐	☐	☐
271.27	274.32	3.05	LST	3.05	100	K310401	14-016			☐	☐	☐
274.32	276.73	2.41	LST	2.41	100	K310402	14-016			☐	☐	☐
276.73	279.43	2.70	LST	2.70	100	K310403	14-016			☐	☐	☐
279.43	280.42	0.99	LST	0.94	95	K310404	14-016			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
280.42	283.46	3.04	LST	3.04	100	K310406	14-016			☐	☐	☐
283.46	286.51	3.05	LST	3.05	100	K310407	14-016			☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629454	7111902	1750.7	349

ZONE: Sunrise

SECTION: S450E

HOLE: OS -14-224

CLAIM:

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth: 1.98m,

Drilling Dates: Jun 16 - Jun 24, 2014

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method
13.71	359.35	-66.7	Reflex
348.99	358.85	-66.6	Reflex

TARGET: Eastern extention of deep mineralization from S500E.

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.98	1.98	OVB
1.98	133.05	131.07	SLT
133.05	136.72	3.67	MST
136.72	140.38	3.66	LST
140.38	159.1	18.72	DST
159.1	339.72	180.62	LST
339.72	349	9.28	MST

SAMPLES	
Numbers:	K311651 to K311722, Q052001 to Q52030
Total:	102
Batch:	001, 002, C01
Certificates:	WH14099482, WH14099484, WH14099485

COMMENTS

Hole did not intersect any significant mineralization, and was shutdown in competent, unaltered O-LST1.

OS -14-224

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.98	1.98	OVB	--	Casing							
						--	--	---	---	--	--	0
1.98	133.05	131.07	SLT	FG	Thin bedded siltstone and mudstone with 1-2 m interbeds of debrite. Minor interbeds of limestone (C-LST-2?).							
						MD	GY	BD	OXI	1I	Py	0.01
						MD	BN		OXI	2I		
						DK	GY		OXI	0I		
133.05	136.72	3.67	MST	FG	Purple and grey mudstone followed by a polymictite made of mudstone, limestone and dolostone clasts in a mudstone/carbonate matrix.							
						MD	GY	DB				
						MD	PU	BD	---	--	--	0
136.72	140.38	3.66	LST	FG	Alternating light and dark bands of limestone cut irregularily by calcite stringers and veinlets.							
								BD				
						DK	GY	BN	---	--	--	0
140.38	159.10	18.72	DST	FG	Crackled and thin bedded dolostone (carbonate/dark coloured stringers) with one, 20 cm wide pervasively mineralized orpiment interval occuring 10 cm after gougy contact with limestone above. Additional 3-20 cm wide sections with both pervasive and fracture filling orpiment and realgar, including realgar crystals. Rare arsenic oxide seen on fracture surfaces. Up to 1 m thick intervals of dolostone rudstone. Varying reactivity to acid; some more weakly dolomitized limestone, and some weakly reacting dolostone. Cut by irregular dolomite/calcite veinlets.							
								BD				
								RD			Re	0.01
						MD	GY	CR	---	--	Om	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
159.10	339.72	180.62	LST	FG	Thin bedded, light-dark banded limestone with calcite stringers and veinlets. Silty interbeds up to 10 cm wide. Outside of moderately mineralized and decarbonatized sections, orpiment, when present, exclusively on fracture surfaces. Floatstone bed up to 8 cm thick. From 173.00-197.78m and 315.37-326.14 m, drilling down bedding plane nearly continuously. Pyrite disseminated within light bands of limestone. Dolostone interbeds up to 1 m present, and some limestone sections weakly decarbonatized.							
						DK	GY	BN			Py	0.1
								FL				
						MD	GY	BD	DCA	1I	Om	0.01
339.72	349.00	9.28	MST	FG	Thin to thick bedded green and purple mudstone hosting trace disseminated pyrite. Minor calcite veining. EOH.							
						MD	GN					
						MD	PU	BD	---	--	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	1.98	1.98	-?-	--	Casing							
						--	--	---	---	--	--	0
1.98	48.44	46.46	SLT	FG	Thin bedded siltstone with alternating bands of dark grey/orange. Gougy and rubbly sections up to 1 m wide every few metres.							
						MD	BN	BD	OXI	2I	--	0
						MD	GY		OXI	3I		
48.44	86.47	38.03	SLT	FG	Thin bedded siltstone with dark grey bands and rare orange bands. Competent with rare rubbly/gougy sections. Quartz flooding/veining up to 10 cm wide. Minor mudstone/siltstone conglomerate up to 5 cm wide.							
						MD	GY	BD	OXI	0I	Py	0.01
								RD	OXI	1I		
86.47	113.52	27.05	SLT	FG	Thin bedded siltstone with 1-3 mm wide interbeds of limestone and dark bands. Some tarnished pyrite disseminated along lighter siltstone beds. Limestone conglomerate occuring up to 5 cm wide. Limestone crystalline in some interbeds, increasing in frequency downhole; C-LST-2?							
						MD	GY	BD	---	--	Py	0.1
						DK	GY	RD				
113.52	115.33	1.81	DMT	CG	Debrite. Limestone and dolostone clasts up to 10 cm wide in fine grained carbonate and mudstone matrix. Cut by irregular calcite veinlets up to 2 cm wide.							
						MD	GY	DB	---	--	--	0
						DK	GY					
115.33	133.05	17.72	MST	FG	Mudstone/siltstone with thin dark grey bands showing evidence of strain (shearing). Begin fault zone(?). Cut by calcite stringers and veinlets. Disseminated pyrite.							
						MD	GY	SN	---	--	Py	0.01
						MD	GN					
						DK	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN					
133.05	135.91	2.86	MST	FG	Purple and grey mudstone.							
						MD	PU	BD	---	--	--	0
						MD	GY					
135.91	136.72	0.81	DMT	CG	Mudstone, limestone and dolostone clasts up to 5 cm wide, irregularily cut by calcite stringers and veinlets in a mudstone/carbonate matrix.							
						MD	GY	DB	---	--	--	0
						DK	GY					
136.72	140.38	3.66	LST	FG	Alternating light and dark bands of limestone cut irregularily by calcite stringers and veinlets.							
						DK	GY	BD	---	--	--	0
								BN				
140.38	159.10	18.72	DST	FG	Crackled and thin bedded dolostone (carbonate/dark coloured stringers) with one, 20 cm wide pervasively mineralized orpiment interval occuring 10 cm after gougy contact with limestone above. Additional 3-20 cm wide sections with both pervasive and fracture filling orpiment and realgar, including realgar crystals. Rare arsenic oxide seen on fracture surfaces. Up to 1 m thick intervals of dolostone rudstone. Varying reactivity to acid; some more weakly dolomitized limestone, and some weakly reacting dolostone. Cut by irregular dolomite/calcite veinlets.							
						MD	GY	CR	---	--	Om	1
								RD				
								BD			Re	0.01
159.10	173.00	13.90	LST	FG	Thin bedded, light-dark banded limestone with calcite stringers and veinlets. Silty interbeds up to 10 cm wide. Outside of moderately mineralized and decarbonatized sections, orpiment, when present, exclusively on fracture surfaces. Floatstone bed up to 8 cm thick. From 173.00-197.78m and 315.37-326.14 m, drilling down bedding plane nearly continuously. Pyrite disseminated within light bands of limestone. Dolostone interbeds up to 1 m present, and some limestone sections weakly decarbonatized.							
						MD	GY	BD	DCA	1I	Py	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY	FL			Om	1
173.00	197.78	24.78	LST	FG	Drilling down bedding.							
						MD	GY	BD	DCA	1I	Om	1
						DK	GY	FL			Py	0.01
197.78	206.08	8.30	LST	FG	Thin bedded, light-dark banded limestone with calcite stringers and veinlets. Silty interbeds up to 10 cm wide. Outside of moderately mineralized and decarbonatized sections, orpiment, when present, exclusively on fracture surfaces. Floatstone bed up to 8 cm thick. From 173.00-197.78m and 315.37-326.14 m, drilling down bedding plane nearly continuously. Pyrite disseminated within light bands of limestone. Dolostone interbeds up to 1 m present, and some limestone sections weakly decarbonatized.							
						MD	GY	BD	DCA	1I	Om	1
						DK	GY	FL			Py	0.01
206.08	214.21	8.13	LST	CG	At least six interneds of limestone floatstone and rudstone; interbedded with limestone							
						MD	GY	RD				
						LT	GY	FL	---	--	--	0
214.21	231.65	17.44	LST	FG	Thin bedded, light-dark banded limestone with calcite stringers and veinlets. Silty interbeds up to 10 cm wide. Outside of moderately mineralized and decarbonatized sections, orpiment, when present, exclusively on fracture surfaces. Floatstone bed up to 8 cm thick. From 173.00-197.78m and 315.37-326.14 m, drilling down bedding plane nearly continuously. Pyrite disseminated within light bands of limestone. Dolostone interbeds up to 1 m present, and some limestone sections weakly decarbonatized.							
						MD	GY	BD	DCA	1I	Om	1
						DK	GY	FL			Py	0.01
231.65	263.41	31.76	LST	FG	More fractured and sometimes rubbly, rarely weakly decarbonatized (increasing downhole), limestone. Prevalent irregular calcite stringers and veinlets as well as 1 mm wide stylolites. Orpiment present on fracture surfaces and rarely within stringers. Black seams between/on fractures. Irregular rudstone inclusions as well as interbeds.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	VU	---	--	Re	0.01
								RD			Om	0.01
263.41	263.69	0.28	LST	FG	Pervasive arsenic oxide, orpiment and realgar; up to 3 mm euhedral realgar crystals adjacent to 1 cm wide calcite vein.							
						DK	GN	---	---	--	Om	3
											Re	10
263.69	310.90	47.21	LST	FG	More fractured and sometimes rubbly, rarely weakly decarbonatized (increasing downhole), limestone. Prevalent irregular calcite stringers and veinlets as well as 1 mm wide stylolites. Orpiment present on fracture surfaces and rarely within stringers. Black seams between/on fractures. Irregular rudstone inclusions as well as interbeds.							
						MD	GY	VU	DCA	1I	Om	0.01
								RD	DCA	2I	Re	0.01
310.90	315.37	4.47	LST	FG	Mineralized limestone with realgar and orpiment in calcite stringers and veinlets							
						DK	GY	---	DCA	1I	Re	5
						DK	GN		DCA	2I	Om	2
315.37	326.14	10.77	LST	FG	Drilling down bedding, micro folding prevalent, orpiment on fracture surfaces.							
						LT	GY	BD	---	--	Om	0.1
						DK	GY					
326.14	327.00	0.86	LST	FG	Rubbly, broken, minor gouge. Limestone.							
						MD	GY	RB	---	--	--	0
327.00	339.72	12.72	LST	FG	Thin bedded, light-dark banded limestone with calcite stringers and veinlets. Silty interbeds up to 10 cm wide. Outside of moderately mineralized and decarbonatized sections, orpiment, when present, exclusively on fracture surfaces. Floatstone bed up to 8 cm thick. From 173.00-197.78m and 315.37-326.14 m, drilling down bedding plane nearly continuously. Pyrite disseminated within light bands of limestone. Dolostone interbeds up to 1 m present, and some limestone sections weakly decarbonatized.							
						MD	GY	BD	DCA	1I	Om	1
						DK	GY	FL			Py	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
339.72	349.00	9.28	MST	FG	Thin to thick bedded green and purple mudstone hosting trace disseminated pyrite. Minor calcite veining. EOH.							
						MD	GN	---	---	--	Py	0.1
						MD	PU					

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.98	1.98	0	0	0.00	0	--	--	--	Casing.
1.98	3.05	1.07	1.07	100	0.00	0	0R	3H	3W	
3.05	4.57	1.52	1.39	91	0.42	28	0R	3H	3W	
4.57	6.10	1.53	1.53	100	0.12	8	0R	3H	3W	
6.10	7.62	1.52	1.04	68	0.18	12	0R	3H	3W	
7.62	9.14	1.52	1.09	72	0.00	0	0R	3H	3W	
9.14	10.67	1.53	1.27	83	0.00	0	0R	3H	3W	
10.67	12.19	1.52	1.31	86	0.41	27	0R	3H	2W	
12.19	13.72	1.53	1.45	95	0.65	42	0R	3H	2W	
13.72	15.24	1.52	1.52	100	0.82	54	0R	3H	2W	
15.24	16.76	1.52	0.89	59	0.00	0	0R	3H	3W	
16.76	18.29	1.53	0.87	57	0.00	0	0R	3H	2W	
18.29	19.81	1.52	1.23	81	0.15	10	0R	3H	2W	
19.81	21.34	1.53	1.01	66	0.00	0	0R	3H	2W	
21.34	22.86	1.52	1.52	100	0.39	26	0R	3H	2W	
22.86	24.38	1.52	1.48	97	0.35	23	0R	3H	3W	
24.38	25.91	1.53	1.53	100	0.22	14	0R	3H	3W	
25.91	27.43	1.52	1.52	100	0.26	17	0R	3H	2W	
27.43	28.96	1.53	1.53	100	0.90	59	0R	3H	2W	
28.96	30.48	1.52	1.52	100	0.61	40	0R	3H	2W	
30.48	32.00	1.52	1.15	76	0.15	10	0R	3H	2W	
32.00	33.53	1.53	1.11	73	0.76	50	0R	3H	2W	
33.53	35.05	1.52	1.52	100	1.14	75	0R	3H	2W	
35.05	36.58	1.53	1.53	100	0.12	8	0R	3H	2W	
36.58	38.10	1.52	1.52	100	0.27	18	0R	3H	2W	
38.10	39.62	1.52	1.52	100	0.30	20	0R	3H	2W	
39.62	41.15	1.53	1.53	100	0.54	35	0R	3H	2W	
41.15	42.67	1.52	1.41	93	0.18	12	0R	3H	2W	
42.67	44.20	1.53	1.27	83	0.00	0	0R	3H	3W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
44.20	45.72	1.52	1.5	99	1.12	74	0R	3H	3W	
45.72	47.24	1.52	1.52	100	0.44	29	0R	3H	3W	
47.24	48.77	1.53	1.49	97	0.65	42	0R	3H	2W	
48.77	50.29	1.52	1.52	100	0.81	53	0R	3H	2W	
50.29	51.82	1.53	1.21	79	0.24	16	0R	3H	2W	
51.82	53.34	1.52	1.46	96	0.83	55	0R	3H	2W	
53.34	54.86	1.52	1.52	100	0.13	9	0R	3H	1W	
54.86	56.39	1.53	1.53	100	0.51	33	0R	3H	1W	
56.39	57.91	1.52	1.12	74	0.79	52	0R	3H	1W	
57.91	59.44	1.53	1.52	99	0.72	47	0R	3H	1W	
59.44	60.96	1.52	1.51	99	0.69	45	0R	3H	1W	
60.96	62.48	1.52	1.52	100	1.18	78	0R	3H	1W	
62.48	64.01	1.53	1.53	100	1.34	88	0R	3H	2W	
64.01	65.53	1.52	1.52	100	0.79	52	0R	3H	2W	
65.53	67.06	1.53	1.45	95	0.83	54	0R	3H	2W	
67.06	68.58	1.52	1.12	74	0.11	7	0R	3H	3W	
68.58	70.10	1.52	1.47	97	1.45	95	0R	3H	2W	
70.10	71.63	1.53	1.47	96	1.14	75	0R	3H	1W	
71.63	73.15	1.52	1.46	96	1.23	81	0R	3H	1W	
73.15	74.68	1.53	1.41	92	1.15	75	0R	3H	2W	
74.68	76.20	1.52	0.94	62	0.13	9	0R	3H	1W	
76.20	77.72	1.52	1.39	91	0.83	55	0R	3H	1W	
77.72	79.25	1.53	1.22	80	0.87	57	0R	3H	1W	
79.25	80.77	1.52	1.4	92	1.02	67	0R	3H	1W	
80.77	82.30	1.53	1.43	93	1.03	67	0R	3H	1W	
82.30	83.82	1.52	1.47	97	1.35	89	0R	3H	1W	
83.82	85.34	1.52	1.37	90	1.06	70	0R	3H	1W	
85.34	86.87	1.53	1.49	97	1.05	69	0R	3H	1W	HCL acid reacted In small bedding fragments at 5r
86.87	88.39	1.52	1.18	78	0.52	34	0R	3H	1W	
88.39	89.92	1.53	1.18	77	0.62	41	0R	3H	1W	
89.92	91.44	1.52	1.38	91	0.84	55	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
91.44	92.96	1.52	1.38	91	0.56	37	0R	1H	1W	some beds react lightly to HCL acid
92.96	94.49	1.53	1.27	83	0.32	21	4R	3H	1W	some beds did not react to HCL acid
94.49	96.01	1.52	1.49	98	1.04	68	0R	3H	1W	
96.01	97.54	1.53	1.38	90	0.41	27	4R	3H	1W	some beds don’t react to HCL
97.54	99.06	1.52	1.42	93	0.27	18	4R	3H	1W	some beds did not react to HCL
99.06	100.58	1.52	1.51	99	1.06	70	0R	3H	1W	some beds reacted strongly to HCL acid
100.58	102.11	1.53	1.51	99	1.09	71	0R	3H	1W	some beds slightly reactive to HCL acid
102.11	103.63	1.52	1.4	92	0.77	51	0R	3H	1W	some beds slightly reacted to HCL acid
103.63	105.16	1.53	1.35	88	0.46	30	4R	3H	1W	some beds did not react to HCL acid
105.16	106.68	1.52	1.48	97	1.00	66	4R	3H	1W	some beds did not react to HCL acid
106.68	108.20	1.52	1.52	100	0.83	55	0R	3H	1W	
108.20	109.73	1.53	1.48	97	1.44	94	0R	3H	1W	
109.73	111.25	1.52	1.52	100	1.26	83	0R	3H	1W	
111.25	112.78	1.53	1.46	95	0.92	60	4R	4H	1W	
112.78	114.30	1.52	1.32	87	0.83	55	4R	4H	1W	
114.30	115.82	1.52	1.35	89	1.22	80	4R	4H	1W	half of the bedding had "0R" reaction to HCL test
115.82	117.35	1.53	1.16	76	1.03	67	0R	3H	1W	
117.35	118.87	1.52	1.5	99	0.92	61	0R	3H	1W	
118.87	120.40	1.53	1.27	83	0.98	64	3R	3H	1W	
120.40	121.92	1.52	1.52	100	1.29	85	0R	3H	1W	
121.92	123.44	1.52	1.42	93	1.40	92	0R	3H	1W	
123.44	124.97	1.53	1.48	97	1.19	78	0R	3H	1W	
124.97	126.49	1.52	1.44	95	1.14	75	0R	3H	1W	
126.49	128.02	1.53	1.42	93	1.22	80	0R	3H	1W	
128.02	129.54	1.52	1.4	92	1.26	83	0R	3H	1W	some of the beddings hardness was "2H"
129.54	131.06	1.52	1.52	100	1.29	85	0R	3H	1W	
131.06	132.59	1.53	1.51	99	1.36	89	0R	3H	1W	
132.59	134.11	1.52	1.42	93	1.29	85	0R	3H	1W	
134.11	135.64	1.53	1.47	96	1.42	93	0R	3H	1W	
135.64	137.16	1.52	1.49	98	1.42	93	4R	4H	1W	
137.16	138.64	1.48	1.47	99	1.30	88	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
138.64	140.21	1.57	1.48	94	1.43	91	3R	4H	1W	
140.21	141.73	1.52	1.39	91	1.04	68	3R	4H	1W	
141.73	143.25	1.52	1.45	95	1.40	92	3R	4H	1W	
143.25	144.78	1.53	1.45	95	1.38	90	3R	4H	1W	
144.78	146.30	1.52	1.22	80	0.99	65	3R	4H	1W	
146.30	147.83	1.53	1.52	99	1.29	84	3R	4H	1W	
147.83	149.35	1.52	1.43	94	1.16	76	2R	3H	1W	
149.35	150.88	1.53	1.45	95	1.42	93	2R	4H	1W	
150.88	152.40	1.52	1.5	99	1.33	88	2R	4H	1W	
152.40	153.92	1.52	1.52	100	1.40	92	2R	4H	1W	
153.92	155.45	1.53	1.3	85	1.12	73	2R	3H	1W	
155.45	156.97	1.52	1.52	100	1.26	83	2R	4H	1W	
156.97	158.50	1.53	1.46	95	1.33	87	2R	3H	1W	
158.50	160.02	1.52	1.44	95	0.50	33	4R	4H	1W	
160.02	161.54	1.52	1.42	93	1.12	74	4R	3H	1W	
161.54	163.07	1.53	1.5	98	0.89	58	4R	4H	1W	
163.07	164.59	1.52	1.43	94	1.15	76	4R	3H	1W	
164.59	166.12	1.53	1.26	82	0.62	41	4R	4H	1W	
166.12	167.64	1.52	1.48	97	1.05	69	4R	4H	1W	
167.64	169.16	1.52	1.43	94	1.16	76	4R	4H	1W	
169.16	170.69	1.53	1.34	88	1.04	68	4R	3H	1W	
170.69	172.21	1.52	1.47	97	1.27	84	2R	3H	1W	
172.21	173.74	1.53	1.51	99	0.82	54	4R	3H	1W	
173.74	175.26	1.52	1.52	100	1.21	80	4R	4H	1W	
175.26	176.78	1.52	1.52	100	1.21	80	4R	4H	1W	
176.78	178.31	1.53	1.53	100	1.51	99	4R	3H	1W	
178.31	179.83	1.52	1.44	95	1.31	86	4R	3H	1W	
179.83	181.36	1.53	1.53	100	1.23	80	4R	4H	1W	
181.36	182.88	1.52	1.38	91	1.38	91	2R	4H	1W	
182.88	184.40	1.52	1.52	100	1.35	89	2R	4H	1W	
184.40	185.93	1.53	1.53	100	1.20	78	2R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
185.93	187.45	1.52	1.47	97	1.47	97	2R	4H	1W	
187.45	188.98	1.53	1.53	100	1.50	98	2R	4H	1W	
188.98	190.50	1.52	1.52	100	1.44	95	2R	4H	1W	
190.50	192.02	1.52	1.52	100	1.45	95	2R	4H	1W	
192.02	193.55	1.53	1.53	100	1.53	100	3R	4H	1W	
193.55	195.07	1.52	1.52	100	1.45	95	2R	4H	1W	
195.07	196.60	1.53	1.53	100	1.43	93	3R	4H	1W	
196.60	198.12	1.52	1.52	100	1.26	83	3R	4H	1W	
198.12	199.64	1.52	1.43	94	1.01	66	2R	4H	1W	
199.64	201.17	1.53	1.52	99	1.10	72	3R	4H	1W	
201.17	202.69	1.52	1.52	100	1.51	99	4R	3H	1W	
202.69	204.22	1.53	1.53	100	1.35	88	4R	3H	1W	
204.22	205.74	1.52	1.43	94	1.06	70	4R	3H	1W	
205.74	207.26	1.52	1.52	100	1.32	87	4R	3H	1W	
207.26	208.79	1.53	1.45	95	1.29	84	4R	3H	1W	
208.79	210.31	1.52	1.52	100	1.35	89	4R	3H	1W	
210.31	211.84	1.53	1.53	100	1.11	73	4R	3H	1W	
211.84	213.36	1.52	1.52	100	1.46	96	4R	3H	1W	
213.36	214.88	1.52	1.49	98	1.18	78	4R	3H	1W	
214.88	216.41	1.53	1.36	89	0.94	61	4R	3H	1W	
216.41	217.93	1.52	1.51	99	1.11	73	4R	3H	1W	
217.93	219.46	1.53	1.5	98	1.42	93	4R	3H	1W	
219.46	220.98	1.52	1.45	95	0.96	63	4R	3H	1W	
220.98	222.50	1.52	1.52	100	1.31	86	4R	3H	1W	
222.50	224.03	1.53	1.53	100	1.00	65	4R	3H	1W	
224.03	225.52	1.49	1.49	100	1.04	70	4R	3H	1W	
225.52	227.08	1.56	1.52	97	0.88	56	4R	4H	1W	
227.08	228.60	1.52	1.44	95	1.33	88	2R	3H	1W	
228.60	230.12	1.52	1.52	100	1.34	88	0R	4H	1W	
230.12	231.65	1.53	1.37	90	1.11	73	4R	4H	1W	
231.65	233.17	1.52	1.38	91	0.93	61	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
233.17	234.70	1.53	1.42	93	0.99	65	4R	3H	1W	
234.70	236.22	1.52	1.29	85	1.01	66	4R	4H	1W	
236.22	237.75	1.53	1.51	99	0.80	52	4R	3H	1W	
237.75	239.27	1.52	1.24	82	0.78	51	4R	4H	1W	
239.27	240.79	1.52	1.52	100	0.72	47	4R	3H	1W	
240.79	242.32	1.53	1.44	94	1.29	84	4R	4H	1W	
242.32	243.84	1.52	1.52	100	1.52	100	4R	4H	1W	
243.84	245.36	1.52	1.51	99	1.35	89	4R	4H	1W	
245.36	246.89	1.53	1.48	97	1.32	86	4R	4H	1W	
246.89	248.41	1.52	1.48	97	1.27	84	4R	4H	1W	
248.41	249.94	1.53	1.32	86	1.01	66	4R	4H	1W	
249.94	251.46	1.52	1.52	100	1.49	98	4R	4H	1W	
251.46	252.98	1.52	1.47	97	1.26	83	4R	3H	1W	
252.98	254.51	1.53	1.53	100	0.73	48	4R	3H	1W	
254.51	256.03	1.52	1.52	100	1.12	74	4R	3H	1W	
256.03	257.56	1.53	1.42	93	1.38	90	4R	3H	1W	
257.56	259.08	1.52	1.32	87	0.96	63	4R	4H	1W	
259.08	260.60	1.52	1.37	90	1.08	71	4R	4H	1W	
260.60	262.13	1.53	1.47	96	1.25	82	4R	4H	1W	
262.13	263.65	1.52	1.48	97	1.17	77	4R	4H	1W	
263.65	265.18	1.53	1.53	100	0.97	63	4R	4H	1W	
265.18	266.70	1.52	1.48	97	1.17	77	4R	4H	1W	
266.70	268.22	1.52	1.37	90	1.30	86	4R	4H	1W	
268.22	269.75	1.53	1.47	96	1.16	76	4R	4H	1W	
269.75	271.27	1.52	1.4	92	1.20	79	4R	4H	1W	
271.27	272.80	1.53	1.4	92	1.15	75	4R	4H	1W	
272.80	274.32	1.52	1.52	100	1.02	67	4R	4H	1W	
274.32	275.84	1.52	1.52	100	1.36	89	4R	4H	1W	
275.84	277.37	1.53	1.42	93	1.33	87	4R	4H	1W	
277.37	278.89	1.52	1.52	100	1.19	78	4R	4H	1W	
278.89	280.42	1.53	1.41	92	1.30	85	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
280.42	281.94	1.52	1.45	95	0.68	45	4R	4H	1W	
281.94	283.46	1.52	1.43	94	1.08	71	4R	4H	1W	
283.46	284.99	1.53	1.53	100	1.51	99	4R	4H	1W	
284.99	286.51	1.52	1.34	88	0.91	60	4R	4H	1W	
286.51	288.04	1.53	1.53	100	1.43	93	4R	4H	1W	
288.04	289.56	1.52	1.36	89	1.14	75	4R	4H	1W	
289.56	291.08	1.52	1.52	100	1.42	93	4R	4H	1W	
291.08	292.61	1.53	1.44	94	1.03	67	4R	4H	1W	
292.61	294.13	1.52	1.52	100	1.52	100	4R	4H	1W	
294.13	295.66	1.53	1.48	97	0.83	54	4R	4H	1W	
295.66	297.18	1.52	1.5	99	1.47	97	4R	4H	1W	
297.18	298.79	1.61	1.33	83	0.93	58	4R	4H	1W	
298.79	300.23	1.44	1.44	100	1.41	98	4R	4H	1W	
300.23	301.75	1.52	1.5	99	1.33	88	3R	4H	1W	
301.75	303.28	1.53	1.03	67	0.72	47	2R	4H	1W	
303.28	304.80	1.52	1.33	88	0.79	52	2R	3H	1W	
304.80	306.36	1.56	1.43	92	1.11	71	3R	3H	1W	
306.36	307.85	1.49	1.4	94	0.55	37	4R	3H	1W	
307.85	309.37	1.52	1.34	88	0.58	38	4R	3H	1W	
309.37	310.90	1.53	1.53	100	1.35	88	4R	4H	1W	
310.90	312.42	1.52	1.5	99	1.30	86	1R	3H	1W	
312.42	313.94	1.52	1.38	91	1.18	78	2R	4H	1W	
313.94	315.47	1.53	1.53	100	0.90	59	2R	4H	1W	
315.47	316.99	1.52	1.52	100	1.39	91	4R	4H	1W	
316.99	318.52	1.53	1.37	90	1.14	75	3R	3H	1W	
318.52	320.04	1.52	1.41	93	1.25	82	3R	3H	1W	
320.04	321.56	1.52	1.52	100	1.35	89	3R	3H	1W	
321.56	323.09	1.53	1.38	90	1.25	82	2R	3H	1W	
323.09	324.61	1.52	1.52	100	1.11	73	2R	3H	1W	
324.61	326.14	1.53	1.5	98	1.31	86	3R	3H	1W	
326.14	327.66	1.52	1.38	91	0.93	61	2R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
327.66	329.18	1.52	1.45	95	1.39	91	3R	3H	1W	
329.18	330.71	1.53	1.51	99	0.63	41	4R	4H	1W	
330.71	332.23	1.52	1.47	97	0.78	51	3R	4H	1W	
332.23	333.76	1.53	1.45	95	1.03	67	3R	4H	1W	
333.76	335.28	1.52	1.48	97	1.44	95	3R	4H	1W	
335.28	336.80	1.52	1.52	100	0.54	36	2R	4H	1W	
336.80	338.33	1.53	1.53	100	0.81	53	3R	3H	1W	
338.33	339.85	1.52	1.31	86	0.66	43	4R	2H	1W	
339.85	341.38	1.53	1.38	90	0.60	39	1R	2H	1W	
341.38	342.90	1.52	1.46	96	0.96	63	2R	3H	1W	
342.90	344.42	1.52	1.4	92	0.76	50	1R	3H	1W	
344.42	345.95	1.53	1.53	100	0.90	59	1R	3H	1W	
345.95	347.47	1.52	1.43	94	1.16	76	1R	3H	1W	
347.47	349.00	1.53	1.52	99	0.96	63	1R	3H	1W	

OS -14-224

Nadaleen Sunrise Zone

Archer, Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K311671	14-001	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311679	14-001	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311686	14-001	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311691	14-002	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311696	14-002	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311709	14-002	Core	2G	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311713	14-002	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311662	14-001	Core		☑	☐	☐
1.98	7.62	5.64	SLT, OVB	5.03	89	Q052001	14-C01	Chip		☐	☐	☐
7.62	13.72	6.10	SLT	5.12	84	Q052002	14-C01	Chip		☐	☐	☐
13.72	19.81	6.09	SLT	4.51	74	Q052003	14-C01	Chip		☐	☐	☐
19.81	25.91	6.10	SLT	5.54	91	Q052004	14-C01	Chip		☐	☐	☐
25.91	32.00	6.09	SLT	5.69	93	Q052005	14-C01	Chip		☐	☐	☐
32.00	38.10	6.10	SLT	5.68	93	Q052006	14-C01	Chip		☐	☐	☐
38.10	44.20	6.10	SLT	5.73	94	Q052007	14-C01	Chip		☐	☐	☐
44.20	50.29	6.09	SLT	6.03	99	Q052008	14-C01	Chip		☐	☐	☐
50.29	56.39	6.10	SLT	5.72	94	Q052009	14-C01	Chip		☐	☐	☐
56.39	62.48	6.09	SLT	5.67	93	Q052010	14-C01	Chip		☐	☐	☐
62.48	70.10	7.62	SLT	5.56	73	Q052011	14-C01	Chip		☐	☐	☐
70.10	76.20	6.10	SLT	5.28	87	Q052012	14-C01	Chip		☐	☐	☐
76.20	82.30	6.10	SLT	5.44	89	Q052013	14-C01	Chip		☐	☐	☐
82.30	88.39	6.09	SLT	5.51	90	Q052014	14-C01	Chip		☐	☐	☐
88.39	94.49	6.10	SLT	5.21	85	Q052015	14-C01	Chip		☐	☐	☐
94.49	100.58	6.09	SLT	5.80	95	Q052016	14-C01	Chip		☐	☐	☐
100.58	106.68	6.10	SLT	5.74	94	Q052017	14-C01	Chip		☐	☐	☐
106.68	112.78	6.10	SLT	5.98	98	Q052018	14-C01	Chip		☐	☐	☐
112.78	115.33	2.55	SLT	2.18	85	Q052019	14-C01	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
115.33	117.35	2.02	SLT	2.02	100	K311651	14-001	Core		☐	☐	☐
117.35	120.40	3.05	SLT	2.77	91	K311652	14-001	Core		☐	☐	☐
120.40	123.44	3.04	SLT	2.94	97	K311653	14-001	Core		☐	☐	☐
123.44	126.49	3.05	SLT	2.92	96	K311654	14-001	Core		☐	☐	☐
126.49	129.54	3.05	SLT	2.82	92	K311655	14-001	Core		☐	☐	☐
129.54	132.19	2.65	SLT	2.64	100	K311656	14-001	Core		☐	☐	☐
132.19	133.05	0.86	SLT	0.86	100	K311657	14-001	Core		☐	☐	☐
133.05	135.91	2.86	SLT, MST	2.86	100	K311658	14-001	Core		☐	☐	☐
135.91	138.64	2.73	MST	2.72	100	K311659	14-001	Core		☐	☐	☐
138.64	140.38	1.74	LST	1.74	100	K311660	14-001	Core		☐	☐	☐
140.38	143.26	2.88	LST, DST	2.86	99	K311661	14-001	Core		☐	☐	☐
143.26	146.30	3.04	DST	2.86	94	K311663	14-001	Core		☐	☐	☐
146.30	149.35	3.05	DST	2.95	97	K311664	14-001	Core		☐	☐	☐
146.30	149.35	3.05	DST	2.95	97	K311665	14-001	Core		☐	☑	☐
149.35	152.40	3.05	DST	2.95	97	K311666	14-001	Core		☐	☐	☐
152.40	155.45	3.05	DST	2.89	95	K311667	14-001	Core		☐	☐	☐
155.45	157.63	2.18	DST	2.10	96	K311668	14-001	Core		☐	☐	☐
157.63	159.10	1.47	DST	1.46	99	K311669	14-001	Core		☐	☐	☐
159.10	161.54	2.44	LST, DST	2.41	99	K311670	14-001	Core		☐	☐	☐
161.54	164.59	3.05	LST	2.93	96	K311672	14-001	Core		☐	☐	☐
164.59	167.64	3.05	LST	2.74	90	K311673	14-001	Core		☐	☐	☐
167.64	170.69	3.05	LST	2.77	91	K311674	14-001	Core		☐	☐	☐
167.64	170.69	3.05	LST	2.77	91	K311675	14-001	Core		☐	☐	☑
170.69	173.74	3.05	LST	2.98	98	K311676	14-001	Core		☐	☐	☐
173.74	176.78	3.04	LST	3.04	100	K311677	14-001	Core		☐	☐	☐
176.78	179.83	3.05	LST	2.97	97	K311678	14-001	Core		☐	☐	☐
179.83	185.93	6.10	LST	5.96	98	Q052020	14-C01	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
185.93	192.02	6.09	LST	6.09	100	Q052021	14-C01	Chip		☐	☐	☐
192.02	198.12	6.10	LST	6.10	100	Q052022	14-C01	Chip		☐	☐	☐
198.12	204.22	6.10	LST	6.10	100	Q052023	14-C01	Chip		☐	☐	☐
204.22	210.31	6.09	LST	6.09	100	Q052024	14-C01	Chip		☐	☐	☐
210.31	216.41	6.10	LST	5.93	97	Q052025	14-C01	Chip		☐	☐	☐
216.41	222.50	6.09	LST	5.99	98	Q052026	14-C01	Chip		☐	☐	☐
222.50	228.60	6.10	LST	6.00	98	Q052027	14-C01	Chip		☐	☐	☐
228.60	231.65	3.05	LST	2.89	95	Q052028	14-C01	Chip		☐	☐	☐
231.65	234.70	3.05	LST	2.80	92	K311680	14-001	Core		☐	☐	☐
234.70	237.75	3.05	LST	2.80	92	K311681	14-001	Core		☐	☐	☐
237.75	240.79	3.04	LST	2.76	91	K311682	14-001	Core		☐	☐	☐
240.79	243.84	3.05	LST	2.96	97	K311683	14-001	Core		☐	☐	☐
243.84	246.89	3.05	LST	2.99	98	K311684	14-001	Core		☐	☐	☐
246.89	249.94	3.05	LST	2.80	92	K311685	14-001	Core		☐	☐	☐
249.94	252.98	3.04	LST	2.99	98	K311687	14-002	Core		☐	☐	☐
252.98	256.03	3.05	LST	3.05	100	K311688	14-002	Core		☐	☐	☐
256.03	259.08	3.05	LST	2.74	90	K311689	14-002	Core		☐	☐	☐
259.08	262.13	3.05	LST	2.84	93	K311690	14-002	Core		☐	☐	☐
262.13	265.18	3.05	LST	3.01	99	K311692	14-002	Core		☐	☐	☐
265.18	268.22	3.04	LST	2.85	94	K311693	14-002	Core		☐	☐	☐
268.22	271.27	3.05	LST	2.87	94	K311694	14-002	Core		☐	☐	☐
271.27	274.32	3.05	LST	2.92	96	K311695	14-002	Core		☐	☐	☐
274.32	277.37	3.05	LST	2.94	96	K311697	14-002	Core		☐	☐	☐
277.37	280.42	3.05	LST	2.93	96	K311698	14-002	Core		☐	☐	☐
280.42	283.46	3.04	LST	2.88	95	K311699	14-002	Core		☐	☐	☐
283.46	286.51	3.05	LST	2.87	94	K311700	14-002	Core		☐	☐	☐
286.51	289.56	3.05	LST	2.89	95	K311701	14-002	Core		☐	☐	☐
286.51	289.56	3.05	LST	2.89	95	K311702	14-002	Core		☐	☑	☐
289.56	292.61	3.05	LST	2.96	97	K311703	14-002	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
292.61	295.66	3.05	LST	3.00	98	K311704	14-002	Core		☐	☐	☐
295.66	298.70	3.04	LST	2.83	93	K311705	14-002	Core		☐	☐	☐
298.70	301.75	3.05	LST	3.03	99	K311706	14-002	Core		☐	☐	☐
301.75	304.80	3.05	LST	2.36	77	K311707	14-002	Core		☐	☐	☐
304.80	307.85	3.05	LST	2.83	93	K311708	14-002	Core		☐	☐	☐
307.85	310.90	3.05	LST	2.87	94	K311710	14-002	Core		☐	☐	☐
310.90	313.94	3.04	LST	2.88	95	K311711	14-002	Core		☐	☐	☐
313.94	316.99	3.05	LST	3.05	100	K311712	14-002	Core		☐	☐	☐
316.99	320.04	3.05	LST	2.78	91	K311714	14-002	Core		☐	☐	☐
320.04	323.09	3.05	LST	2.90	95	K311715	14-002	Core		☐	☐	☐
323.09	326.14	3.05	LST	3.02	99	K311716	14-002	Core		☐	☐	☐
326.14	329.18	3.04	LST	2.83	93	K311717	14-002	Core		☐	☐	☐
329.18	332.23	3.05	LST	2.98	98	K311718	14-002	Core		☐	☐	☐
329.18	332.23	3.05	LST	2.98	98	K311719	14-002	Core		☐	☐	☑
332.23	335.28	3.05	LST	2.93	96	K311720	14-002	Core		☐	☐	☐
335.28	338.33	3.05	LST	3.05	100	K311721	14-002	Core		☐	☐	☐
338.33	341.38	3.05	LST	2.69	88	K311722	14-002	Core		☐	☐	☐
341.38	349.00	7.62	MST	7.34	96	Q052029	14-C01	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629407	7111908	1721.49	370.94

ZONE: Osiris

SECTION: S400E

HOLE: OS -14-225

CLAIM:

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth:

Drilling Dates: Jul 07 -

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method
15.24	0.45	-67.9	Reflex
367.28	4.14	-68.6	Reflex

TARGET: Western extension of mineralization on section S500E.

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	0.35	0.35	OVB
0.35	89.68	89.33	SLT
89.68	96.65	6.97	SLT
96.65	235.6	138.95	DST
235.6	370.94	135.34	LST

SAMPLES	
Numbers:	K310201 to K310202, K311898 to K312000, Q052030 to Q052049
Total:	126
Batch:	007, 008, 009, 010, C02
Certificates:	WH14105968, WH14107832, WH14110050, WH14113437, WH14113438

COMMENTS

Hole intersected two small mineralizaed zones. Hole ended in moderately competent limestone with no visible alteration or mineralization.

OS -14-225

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	0.35	0.35	OVB	--	No recovery/casing.							
						--	--	---	---	--	--	0
0.35	89.68	89.33	SLT	VF	Thinly interbedded grey and green siltstone. Dolomite bands up to 3 cm wide common within grey siltstone. Fault zone from 66.82-70.46 m, followed by competent grey siltstone until contact/shear zone with basal green mudstone sliver at 88.43 m.							
						MD	GY	BD	---	--	--	0
89.68	96.65	6.97	SLT	VF	Basal mudstone unit sliver. Thin bedded, competent but moderately soft, green-blue siltstone.							
						MD	BL					
						LT	GN	BD	---	--	--	0
96.65	235.60	138.95	DST	FG	Thin bedded dolostone with rudstone and floatstone intervals up to ~2 m wide. Calcite veining common with variable orpiment and realgar mineralization. Soft sediment deformation and crackle textures common. Interbedded limestone beds up to 5 m wide occur after 202.07 m downhole to contact with O-LST1, although dolostone is still the dominant lithology.							
								SD				
								BD			Om	0.01
						MD	GY	CR	---	--	Re	0.01
235.60	370.94	135.34	LST	FG	Thin to thick bedded limestone with rudstone and floatstone intervals up to ~ 2 m wide. Best mineralized interval of hole occurs from 319.13-321.16 m: pervasive realgar and orpiment within sheared floatstone. Calcite veining common, as are silty interbeds.							
								CR				
								SH				
								FL				
								RD			Om	0.1
						MD	GY	BD	---	--	Re	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	0.35	0.35	-?-	--	No recovery/casing.							
						--	--	---	---	--	--	0
0.35	2.59	2.24	SLT	VF	Very broken, clay-rich top of hole with polylithic clasts (green, grey and orange mudstone-siltstone).							
						MD	GN	RB	OXI	3I	--	0
						MD	OR					
2.59	10.65	8.06	SLT	VF	Competent but moderately soft, thin bedded siltstone with oxidation on fracture surfaces as well as within thin interbeds. Rare rubbly sections up to 15 cm wide.							
						MD	GN	BD	OXI	3I	--	0
						MD	OR					
10.65	21.34	10.69	SLT	VF	Mix of competent/rubbly thin bedded siltstone with less prominent orange oxidized bands. Prevalent gouge and minor calcite veining.							
						MD	GN	---	---	--	--	0
						MD	OR					
21.34	24.10	2.76	SLT	VF	Grey-green siltstone with higher proportion of dark grey interbeds compared with green siltstone. Oxidation on fracture surfaces. Minor calcite veining and possible trace silicification.							
						MD	GY	BD	OXI	2I	--	0
						MD	GN		SIL	1I		
24.10	27.68	3.58	SLT	VF	Green, thin bedded siltstone with minor calcite veining and oxidation on fracture surfaces.							
						MD	GN	BD	OXI	2I	--	0
27.68	28.85	1.17	SLT	VF	Grey-green thin bedded siltstone; possibly weakly silicified.							
						MD	GY	BD	OXI	2I	--	0
						MD	GN		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
28.85	32.59	3.74	SLT	VF	Green siltstone-mudstone? Bedding less evident, pyrite interbeds. Oxidation intensity down to trace.							
						MD	GN	BD	OXI	1I	Py	1
32.59	53.08	20.49	SLT	VF	Drilling down/close to parallel to bedding. Thin bedded alternating light and dark bands.							
						MD	GY	BD	OXI	1I	--	0
						MD	GN					
53.08	66.82	13.74	SLT	VF	Thin bedded siltstone, competent but moderately soft with light coloured dolomite/dolostone interbeds up to 3 cm wide. Rare calcite veining.							
						MD	GY	BD	OXI	1I	--	0
						MD	GN					
66.82	70.46	3.64	SLT	CG	Fault zone (?) with prevalent gouge and brecciated siltstone clasts, silicified areas with dolomite veining up to 10 cm wide, and tight folding within less faulted siltstone.							
						MD	GY	BX	OXI	1I	--	0
						DK	GY	SH				
70.46	88.43	17.97	SLT	VF	Competent, moderately soft, thin bedded grey siltstone with minor calcite stringers and veinlets. Light, harder intervals (interbedded dolomite?) up to 2 cm wide every few cms. Minor folding.							
						MD	GY	BD	---	--	--	0
88.43	89.68	1.25	SLT	VF	Shear zone/contact between grey and green mudstone. Interbedded but grey mudstone is dominant. Thin gouge present between sheared, competent rock.							
						MD	GY	SH	---	--	--	0
						DK	GY	BD				
89.68	96.65	6.97	SLT	VF	Basal mudstone unit sliver. Thin bedded, competent but moderately soft, green-blue siltstone.							
						MD	BL					
						LT	GN	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
96.65	99.06	2.41	DST	FG	Sheared contact with dark grey muddy matrix and dolostone clasts. Dolomite and calcite veining.							
						DK	GY	SH	---	--	--	0
99.06	103.25	4.19	DST	FG	Crackle dolostone with one 10 cm wide black mudstone bed from 102.45 with contacts at 20 and 30 degrees TCA.							
						MD	GY	CR	---	--	Py	0.01
								BD				
103.25	103.56	0.31	DST	CG	Dolostone rudstone.							
						MD	GY	RD	---	--	--	0
						DK	GY					
103.56	111.25	7.69	DST	FG	Crackled, folded, thin bedded dolostone with calcite stringers and veinlets. Minor rudstone textures present over cm-scales.							
						MD	GY	BD	---	--	--	0
								RD				
								CR				
111.25	115.33	4.08	DST	FG	Crackled dolostone with prevalent calcite veining and mineralization on fracture surfaces and within few stringers.							
						MD	GY	CR	ASO	2I	Om	1
								BD			Re	0.5
115.33	128.11	12.78	DST	FG	Thin to thick bedded (15-20 cm max) dolostone; loss of crackle texture and now only trace mineralization. Moderate calcite veining (1 veinlet per 30 cm).							
						MD	GY	BD	ASO	1I	Om	0.01
						DK	GY				Re	0.01
128.11	131.28	3.17	DST	FG	Thin to thick bedded dolostone with dark stringers defining crackle texture. Moderate calcite veining (1 veinlet per 20 cm).							
						MD	GY	CR	---	--	--	0
								BD				
131.28	133.52	2.24	DST	FG	Thin to thick bedded dolostone with beds up to 20 cm thick.							
						MD	GY	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
133.52	133.78	0.26	DST	CG	Dolostone floatstone and rudstone interbedded with minor bedded dolostone.							
						MD	GY	BD	---	--	--	0
								RD				
								FL				
133.78	134.64	0.86	DST	FG	Thin bedded dolostone.							
						MD	GY	BD	---	--	--	0
134.64	149.68	15.04	DST	FG	Thin to thick bedded dolostone with prevalent soft sediment deformation. Mineralization on fracture surfaces and within some stringers. Prevalent calcite veining; often vuggy. Minor floatstone texture?							
						MD	GY	SD	ASO	3I	Re	0.1
								VU			Om	0.1
149.68	154.91	5.23	DST	FG	Thin to medium bedded (up to 10 cm thick beds) dolostone. Minor soft sediment deformation, minor calcite veining. No mineralization, lower contact at 40 degrees TCA.							
						MD	GY	SD	---	--	--	0
								BD				
154.91	158.75	3.84	DST	FG	Thin bedded dolostone, soft sediment deformation, crackle texture and calcite veining/flooding (up to 10 cm wide) prevalent. Trace orpiment on fracture surfaces.							
						MD	GY	SD	---	--	Om	0.01
								CR				
								BD				
158.75	159.74	0.99	DST	FG	Thin bedded dolostone; one 0.5 cm wide calcite veinlet hosting realgar. Minor soft sediment deformation.							
						MD	GY	SD	---	--	Re	0.01
								BD				
159.74	162.82	3.08	DST	FG	Bedding hard to make out due to intense soft sediment deformation and crackle textures. Moderate realgar and orpiment mineralization on both fracture surfaces and within stringers.							
						MD	GY	SD	ASO	1I	Re	3
								CR			Om	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
162.82	164.55	1.73	DST	CG	Dolostone rudstone.							
						LT	GY	RD	ASO	1I	Re	3
											Om	3
164.55	170.01	5.46	DST	FG	Thin bedded dolostone with soft sediment deformation textures. Trace mineralization on fracture surfaces and within few stringers. Lower contact 40 degrees TCA.							
						MD	GY	SD	---	--	Re	0.1
								BD			Om	0.1
170.01	179.27	9.26	DST	FG	Thin bedded, deformed, crackled dolostone with minor floatstone? Minor calcite veining. Mineralization on fracture surfaces and within stringers.							
						MD	GY	BD	---	--	Om	1
								SD			Re	1
								FL				
								CR				
179.27	182.96	3.69	DST	CG	Dolostone rudstone and floatstone(?) with some rubbly sections up to 10 cm. Moderate mineralization on fracture surfaces and within stringers/veinlets.							
						LT	GY	RD	ASO	1I	Re	3
								RB			Om	3
								FL				
182.96	189.92	6.96	DST	FG	Thin bedded dolostone with minor soft sediment deformation textures. Mineralization on fracture surfaces and within stringers. Upper contact 30 degrees TCA.							
						MD	GY	BD	---	--	Re	0.1
								SD			Om	0.1
189.92	194.69	4.77	DST	FG	Thin to thick bedded dolostone with crackled texture. Soft sediment deformation and/or rudstone textures? Pervasive orpiment and realgar mineralization through some sections and within many calcite veinlets.							
						LT	GY	CR	ASO	1I	Re	5
								SD				
								RD				
								BD			Om	5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
194.69	202.07	7.38	DST	FG	Thin bedded dolostone with prevalent realgar/orpiment-filled calcite veins and veinlets. Mineralization also within stringers and on fracture faces.							
						MD	GY	BD	ASO	1I	Om	1
						MD	GN				Re	3
202.07	207.42	5.35	LST	FG	Thin to thick bedded limestone showing soft sediment deformation and minor crackle textures. Some rubbly sections up to 1 m thick. Lots of vuggyness, especially in association with realgar and orpiment mineralization. Prevalent calcite veining, some vuggy.							
						LT	GY	BD	ASO	3I	Re	5
								VU				
								SD				
								RB				
								CR			Om	5
207.42	208.22	0.80	DST	FG	Thin bedded dolostone with minor calcite veining and no mineralization.							
						MD	GY	BD	---	--	--	0
208.22	210.14	1.92	LST	CG	Limestone rudstone interbedded with bedded dolostone. Rubstone beds as wide as 50 cm. Trace mineralization on fracture surfaces.							
						LT	GY	RD	---	--	Re	0.01
											Om	0.01
210.14	212.20	2.06	DST	CG	Dolostone rudstone. Mineralization on fracture surfaces and within veinlets/stringers.							
						LT	GY	RD	---	--	Om	0.01
											Re	0.01
212.20	219.70	7.50	DST	FG	Rubbly, thin bedded dolostone with one, 10 cm wide, vuggy, pervasively mineralized area (orpiment and realgar) and other mineralized stringers and veinlets.							
						MD	GY	RB	---	--	Om	5
								RD				
								BD			Re	0.1
219.70	226.96	7.26	DST	FG	Competent, thin to thick bedded dolostone with crackle and soft sediment deformation textures. Dolomite/calcite veining present and trace orpiment on fracture surfaces. Minor rubble/gouge near end of interval.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	SD	---	--	Om	0.01
								CR				
								BD				
226.96	227.67	0.71	LST	FG	Thick bedded limestone with minor crackle texture and prevalent calcite veining.							
						LT	GY	CR	---	--	--	0
								BD				
227.67	235.60	7.93	DST	FG	Thin bedded, rubbly dolostone. Soft sediment deformation textures evident.							
						MD	GY	BD	---	--	--	0
								SD				
								RB				
235.60	243.10	7.50	LST	FG	Thin bedded limestone. Rubbly near contact with dolostone.							
						MD	GY	BD	---	--	--	0
243.10	260.00	16.90	LST	FG	More competent, thin to thick bedded limestone. Prevalent calcite veining. Minor soft sediment deformation textures present.							
						MD	GY	BD	---	--	--	0
								SD				
260.00	260.94	0.94	LST	FG	Limestone floatstone/conglomerate with calcareous gougy matrix and limestone clasts. 50/50 mix of weakly competent rock and rubble.							
						MD	GY	RB	---	--	Om	0.1
								FL				
260.94	263.53	2.59	DST	FG	Thin to thick bedded, crackled dolostone with pervasive, irregular calcite stringers.							
						MD	GY	CR	---	--	--	0
								BD				
263.53	271.03	7.50	LST	FG	Thin bedded limestone with lower percentage of dark bands (usually 50/50, now 75/25?). Soft sediment deformation texture visible. Prevalent calcite veins.							
						MD	GY	BD				
						LT	GY	SD	---	--	--	0
271.03	274.41	3.38	DST	FG	Thin bedded dolostone; minor calcite veining.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD	---	--	--	0
274.41	282.55	8.14	LST	FG	Thin bedded limestone; few large calcite veins up to 3 cm wide. Minor rudstone up to 30 cm.							
						MD	GY	RD	---	--	--	0
								BD				
282.55	286.04	3.49	LST	FG	Drilling close to parallel with bedding. Thin bedded to crackled limestone with very prevalent calcite veining up to 5 cm wide for 1 m length (skewed due to drilling down bedding).							
						MD	GY	BD	---	--	--	0
								CR				
286.04	286.38	0.34	LST	FG	Shear/fault zone (?) with limestone clasts and prevalent gouge.							
						MD	GY	SH	---	--	--	0
286.38	295.07	8.69	LST	FG	Bedding back to approx. 65 degrees TCA. Thin bedded limestone with minor soft sediment deformation textures. Some darker, less reactive (dolostone? silty horizons?) interbeds.							
						MD	GY	BD	---	--	--	0
								SD				
295.07	297.45	2.38	LST	CG	Limestone rudstone; cut by few calcite stringers/veinlets. Lower contact with bedded limestone gougy/sheared over 2 cm.							
						MD	GY	RD	---	--	--	0
297.45	300.82	3.37	LST	FG	Thin to thick bedded limestone with minor crackled texture. Rubbly near end of interval/contact with rudstone.							
						MD	GY	BD	---	--	--	0
								RB				
								CR				
300.82	301.96	1.14	LST	FG	Gougy contact from 300.82-300.95 m, then into limestone rudstone. Competent, until rubble and gouge from 301.80 onwards.							
						MD	GY	RD	---	--	--	0
301.96	303.82	1.86	DST	FG	Thin bedded, soft sediment deformed dolostone, minor rubble over 10 cm.							
						MD	GY	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
								SD				
								RB				
303.82	316.70	12.88	LST	FG	Thin to thick bedded limestone with crackled texture and prevalent calcite veining. Trace orpiment mineralization near rubbly, gougy intervals.							
						MD	GY	BD	---	--	Om	0.01
						DK	GY	CR				
316.70	319.13	2.43	DST	FG	Thin bedded dolostone with silty intervals and soft sediment deformation textures. Trace realgar on fracture surfaces.							
						DK	GY	BD	---	--	Re	0.01
								SD				
319.13	321.16	2.03	LST	CG	Strongly mineralized and sheared floatstone (+rudstone?) with minor gouge. Decarbonatized and vuggy. Limestone, dolostone and siltstone clasts.							
						MD	RD	RD	ASO	3I	Om	5
						MD	BN	FL	DCA	3I	Re	15
								VU				
								SH				
321.16	323.66	2.50	LST	CG	Limestone floatstone with vuggy calcite veins hosting mineralization.							
						MD	GY	FL	ASO	1I	Re	1
								VU			Om	0.01
323.66	332.75	9.09	DST	FG	Pervasive calcite veining in dolostone with thin silty interbeds. Realgar in veins and veinlets. Drilling parallel to bedding.							
						DK	GY	BD	---	--	Re	0.01
332.75	342.10	9.35	DST	FG	Silty dolostone with dolomite-rich beds. Soft sediment deformed. Fractured near the end of the interval. Drilling parallel to bedding.							
						MD	GY	BD	---	--	--	0
								SD				
342.10	370.94	28.84	LST	FG	Crackled and thin bedded limestone. Soft sediment deformation textures. Rubbly in some sections up to 50 cm wide. Trace calcite veining. Some silty interbeds over mm-scales. Trace disseminated pyrite and pyrite-rich beds.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	CR	---	--	Py	0.01
						DK	GY	RB				
								SD				
								BD				

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	0.35	0.35	0	0	0.00	0	--	--	--	
0.35	1.52	1.17	1.15	98	0.00	0	0R	1H	4W	
1.52	3.05	1.53	1.15	75	0.00	0	0R	1H	4W	
3.05	4.57	1.52	1.47	97	0.00	0	0R	3H	4W	
4.57	6.10	1.53	1.39	91	0.12	8	0R	3H	3W	
6.10	7.62	1.52	1.41	93	0.39	26	0R	3H	3W	
7.62	9.14	1.52	1.39	91	0.00	0	0R	2H	3W	
9.14	10.67	1.53	1.5	98	0.20	13	0R	3H	3W	
10.67	12.19	1.52	1.2	79	0.10	7	0R	2H	3W	
12.19	13.72	1.53	1.51	99	0.38	25	0R	2H	3W	
13.72	15.24	1.52	1.29	85	0.00	0	0R	2H	4W	
15.24	16.76	1.52	1.13	74	0.00	0	0R	1H	4W	
16.76	18.29	1.53	1.15	75	0.17	11	0R	2H	4W	
18.29	19.81	1.52	1.45	95	0.00	0	0R	3H	3W	
19.81	21.34	1.53	1.09	71	0.11	7	0R	3H	2W	
21.34	22.86	1.52	1.42	93	0.15	10	0R	3H	2W	half of the rock in this interval that is downhole has a hardness of 4
22.86	24.38	1.52	1.36	89	0.28	18	0R	3H	2W	
24.38	25.91	1.53	1.37	90	0.00	0	0R	3H	2W	
25.91	27.43	1.52	1.51	99	0.17	11	0R	3H	2W	
27.43	28.96	1.53	1.53	100	0.73	48	0R	3H	2W	
28.96	30.48	1.52	1.36	89	0.20	13	0R	2H	2W	
30.48	32.00	1.52	1.52	100	0.00	0	0R	3H	2W	
32.00	33.53	1.53	1.25	82	0.18	12	0R	3H	2W	
33.53	35.05	1.52	1.45	95	0.32	21	0R	3H	2W	
35.05	36.58	1.53	1.08	71	0.24	16	0R	1H	2W	
36.58	38.10	1.52	1.38	91	0.22	14	0R	3H	2W	
38.10	39.62	1.52	1.3	86	0.29	19	0R	3H	2W	
39.62	41.15	1.53	1.53	100	0.10	7	0R	4H	2W	
41.15	42.67	1.52	1.48	97	0.44	29	0R	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
42.67	44.20	1.53	1.45	95	1.16	76	0R	3H	2W	
44.20	45.72	1.52	1.21	80	0.70	46	0R	3H	2W	
45.72	47.24	1.52	1.42	93	0.32	21	0R	3H	2W	
47.24	48.77	1.53	1.26	82	0.35	23	0R	3H	2W	
48.77	50.29	1.52	1.48	97	0.39	26	0R	3H	2W	
50.29	51.82	1.53	1.53	100	0.31	20	0R	3H	1W	
51.82	53.34	1.52	1.31	86	0.33	22	0R	3H	2W	
53.34	54.86	1.52	1.52	100	0.28	18	0R	3H	1W	
54.86	56.39	1.53	1.47	96	0.42	27	0R	3H	1W	
56.39	57.91	1.52	1.38	91	0.46	30	0R	3H	1W	
57.91	59.44	1.53	1.5	98	0.57	37	0R	3H	2W	
59.44	60.96	1.52	1.39	91	0.25	16	0R	3H	1W	
60.96	62.48	1.52	1.26	83	0.40	26	0R	3H	2W	
62.48	64.01	1.53	1.35	88	0.41	27	0R	3H	1W	
64.01	65.53	1.52	1.22	80	0.36	24	0R	3H	2W	
65.53	67.06	1.53	1.02	67	0.18	12	0R	3H	2W	
67.06	68.58	1.52	1.16	76	0.17	11	0R	2H	1W	
68.58	70.10	1.52	1.32	87	0.21	14	0R	2H	1W	
70.10	71.63	1.53	1.4	92	0.20	13	0R	3H	1W	
71.63	73.15	1.52	1.32	87	0.38	25	0R	3H	1W	
73.15	74.68	1.53	1.51	99	0.85	56	0R	3H	1W	
74.68	76.20	1.52	1.32	87	1.10	72	0R	3H	1W	
76.20	77.72	1.52	1.52	100	1.18	78	0R	3H	1W	
77.72	79.25	1.53	1.32	86	1.29	84	0R	3H	1W	
79.25	80.77	1.52	1.48	97	1.15	76	0R	3H	1W	
80.77	82.30	1.53	1.41	92	1.02	67	0R	3H	1W	
82.30	83.82	1.52	1.46	96	0.65	43	0R	3H	1W	
83.82	85.34	1.52	1.52	100	0.73	48	0R	3H	1W	
85.34	86.87	1.53	1.5	98	0.77	50	0R	3H	1W	
86.87	88.39	1.52	1.52	100	0.77	51	0R	3H	1W	
88.39	89.92	1.53	1.43	93	1.00	65	0R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.92	91.44	1.52	1.5	99	1.33	88	0R	3H	1W	
91.44	92.96	1.52	1.32	87	0.76	50	0R	3H	1W	
92.96	94.49	1.53	1.53	100	1.03	67	0R	3H	1W	
94.49	96.01	1.52	1.41	93	0.49	32	0R	3H	1W	
96.01	97.54	1.53	1.53	100	1.00	65	2R	4H	1W	
97.54	99.06	1.52	1.43	94	1.30	86	2R	4H	1W	
99.06	100.58	1.52	1.49	98	0.61	40	2R	4H	1W	
100.58	102.11	1.53	1.43	93	1.08	71	2R	5H	1W	
102.11	103.63	1.52	1.49	98	0.94	62	2R	4H	1W	
103.63	105.16	1.53	1.5	98	0.72	47	2R	4H	1W	
105.16	106.68	1.52	1.52	100	0.52	34	2R	4H	1W	
106.68	108.20	1.52	1.5	99	1.07	70	2R	5H	1W	
108.20	109.73	1.53	1.52	99	1.09	71	2R	5H	1W	
109.73	111.25	1.52	1.52	100	1.34	88	2R	5H	1W	
111.25	112.78	1.53	1.51	99	0.86	56	2R	4H	1W	
112.78	114.30	1.52	1.52	100	0.58	38	2R	4H	1W	
114.30	115.82	1.52	1.47	97	0.45	30	2R	4H	1W	
115.82	117.35	1.53	1.46	95	1.05	69	2R	4H	1W	
117.35	118.87	1.52	1.25	82	0.47	31	2R	4H	1W	
118.87	120.40	1.53	1.43	93	0.65	42	2R	3H	1W	
120.40	121.92	1.52	1.41	93	0.26	17	2R	3H	1W	
121.92	123.44	1.52	1.52	100	0.67	44	2R	3H	1W	
123.44	124.97	1.53	1.48	97	1.00	65	2R	3H	1W	
124.97	126.49	1.52	1.52	100	0.83	55	2R	4H	1W	
126.49	128.02	1.53	1.48	97	0.10	7	2R	4H	1W	
128.02	129.54	1.52	1.52	100	0.63	41	3R	4H	1W	
129.54	131.06	1.52	1.39	91	0.33	22	2R	3H	1W	
131.06	132.59	1.53	1.46	95	0.40	26	2R	4H	1W	
132.59	134.11	1.52	1.52	100	1.00	66	2R	4H	1W	
134.11	135.64	1.53	1.5	98	1.12	73	2R	4H	1W	
135.64	137.16	1.52	1.36	89	0.96	63	2R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
137.16	138.68	1.52	1.52	100	0.00	0	2R	3H	1W	
138.68	140.21	1.53	1.46	95	1.19	78	3R	4H	1W	
140.21	141.73	1.52	1.5	99	0.54	36	2R	4H	1W	
141.73	143.26	1.53	1.43	93	0.66	43	3R	4H	1W	
143.26	144.78	1.52	1.48	97	1.14	75	2R	3H	1W	
144.78	146.30	1.52	1.51	99	0.84	55	2R	3H	1W	
146.30	147.83	1.53	1.53	100	0.68	44	3R	3H	1W	
147.83	149.35	1.52	1.5	99	0.85	56	3R	4H	1W	
149.35	150.88	1.53	1.45	95	0.82	54	2R	3H	1W	
150.88	152.40	1.52	1.47	97	0.98	64	2R	4H	1W	
152.40	153.92	1.52	1.48	97	1.01	66	2R	4H	1W	
153.92	155.45	1.53	1.48	97	1.01	66	2R	4H	1W	
155.45	156.97	1.52	1.52	100	0.50	33	3R	3H	1W	
156.97	158.50	1.53	1.47	96	1.37	90	3R	4H	1W	
158.50	160.02	1.52	1.32	87	0.84	55	2R	3H	1W	
160.02	161.54	1.52	1.48	97	0.53	35	3R	4H	1W	
161.54	163.07	1.53	1.5	98	0.61	40	3R	4H	1W	
163.07	164.59	1.52	1.48	97	0.93	61	2R	4H	1W	
164.59	166.12	1.53	1.47	96	0.88	58	2R	4H	1W	
166.12	167.64	1.52	1.45	95	0.23	15	2R	4H	1W	
167.64	169.16	1.52	1.49	98	0.73	48	2R	3H	1W	
169.16	170.69	1.53	1.41	92	0.92	60	3R	4H	1W	
170.69	172.21	1.52	1.39	91	0.99	65	3R	4H	1W	
172.21	173.74	1.53	1.52	99	0.95	62	3R	4H	1W	
173.74	175.26	1.52	1.48	97	0.98	64	2R	4H	1W	
175.26	176.78	1.52	1.52	100	0.75	49	2R	4H	1W	
176.78	178.31	1.53	1.48	97	0.43	28	3R	3H	1W	
178.31	179.83	1.52	1.46	96	1.25	82	3R	3H	1W	
179.83	181.36	1.53	1.45	95	0.65	42	3R	3H	1W	
181.36	182.88	1.52	1.46	96	0.78	51	3R	4H	1W	
182.88	184.40	1.52	1.5	99	1.08	71	2R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
184.40	185.93	1.53	1.42	93	1.00	65	2R	4H	1W	
185.93	187.45	1.52	1.52	100	0.91	60	3R	4H	1W	
187.45	188.98	1.53	1.45	95	1.21	79	3R	3H	1W	
188.98	190.50	1.52	1.52	100	0.68	45	3R	3H	1W	
190.50	192.02	1.52	1.5	99	0.78	51	3R	3H	1W	
192.02	193.55	1.53	1.48	97	0.69	45	3R	3H	1W	
193.55	195.07	1.52	1.49	98	0.55	36	3R	3H	1W	
195.07	196.60	1.53	1.46	95	0.81	53	3R	4H	1W	
196.60	198.12	1.52	1.49	98	0.85	56	2R	3H	1W	
198.12	199.64	1.52	1.45	95	0.21	14	2R	3H	1W	
199.64	203.30	3.66	2.75	75	0.00	0	2R	3H	1W	
203.30	206.35	3.05	2.65	87	0.88	29	3R	3H	1W	
206.35	209.40	3.05	2.72	89	0.91	30	4R	3H	1W	
209.40	212.45	3.05	2.69	88	0.87	29	2R	3H	1W	
212.45	215.49	3.04	3.04	100	0.00	0	1R	3H	1W	
215.49	218.54	3.05	2.02	66	0.00	0	1R	2H	1W	
218.54	221.59	3.05	2.61	86	0.12	4	2R	3H	1W	
221.59	224.64	3.05	2.98	98	0.35	11	2R	3H	1W	
224.64	227.69	3.05	3.05	100	0.44	14	2R	2H	1W	
227.69	230.73	3.04	3.04	100	0.25	8	3R	3H	1W	
230.73	233.78	3.05	2.21	72	0.10	3	3R	4H	1W	
233.78	236.83	3.05	3.05	100	0.26	9	3R	4H	1W	
236.83	239.88	3.05	2.8	92	0.19	6	4R	4H	1W	
239.88	242.93	3.05	1.55	51	0.18	6	4R	4H	1W	
242.93	245.97	3.04	3	99	0.25	8	4R	4H	1W	
245.97	249.02	3.05	2.92	96	0.45	15	4R	3H	1W	
249.02	252.07	3.05	3.05	100	0.27	9	4R	4H	1W	
252.07	255.12	3.05	3	98	0.19	6	4R	4H	1W	
255.12	258.17	3.05	2.72	89	0.30	10	4R	4H	1W	
258.17	261.21	3.04	2.61	86	0.32	11	4R	2H	1W	
261.21	264.26	3.05	2.76	90	0.27	9	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
264.26	267.31	3.05	2.85	93	0.26	9	4R	4H	1W	
267.31	270.36	3.05	2.95	97	0.25	8	4R	4H	1W	
270.36	273.41	3.05	3.05	100	0.38	12	3R	4H	1W	
273.41	276.45	3.04	2.8	92	0.24	8	4R	3H	1W	
276.45	279.50	3.05	1.05	34	0.42	14	4R	3H	1W	
279.50	282.55	3.05	3.05	100	0.85	28	4R	4H	1W	
282.55	285.60	3.05	2.81	92	0.24	8	4R	4H	1W	
285.60	288.65	3.05	2.55	84	0.18	6	4R	2H	1W	
288.65	291.69	3.04	2.77	91	0.17	6	4R	3H	1W	
291.69	294.74	3.05	3.04	100	0.42	14	4R	3H	1W	
294.74	297.79	3.05	2.64	87	1.04	34	4R	4H	1W	
297.79	300.84	3.05	3.05	100	0.18	6	4R	3H	1W	
300.84	303.89	3.05	2.7	89	0.25	8	3R	4H	1W	
303.89	306.93	3.04	2.93	96	0.21	7	4R	3H	1W	
306.93	309.98	3.05	2.8	92	0.19	6	4R	3H	1W	
309.98	313.03	3.05	2.71	89	0.79	26	4R	3H	1W	
313.03	316.08	3.05	2.9	95	0.31	10	4R	3H	1W	
316.08	319.13	3.05	2.73	90	0.49	16	4R	3H	1W	
319.13	322.17	3.04	3.04	100	0.62	20	4R	3H	1W	
322.17	325.22	3.05	3	98	0.56	18	4R	4H	1W	
325.22	328.27	3.05	3	98	1.23	40	3R	4H	1W	
328.27	331.32	3.05	3.05	100	0.57	19	3R	4H	1W	
331.32	334.37	3.05	2.89	95	0.41	13	3R	4H	1W	
334.37	337.41	3.04	2.88	95	0.21	7	3R	3H	1W	
337.41	340.46	3.05	2.55	84	0.19	6	3R	4H	1W	
340.46	343.51	3.05	2.45	80	0.09	3	4R	3H	1W	
343.51	346.56	3.05	3.02	99	0.14	5	4R	3H	1W	
346.56	349.61	3.05	2.76	90	0.16	5	4R	3H	1W	
349.61	352.65	3.04	2.92	96	0.23	8	4R	3H	1W	
352.65	355.70	3.05	3.02	99	0.15	5	4R	3H	1W	
355.70	358.75	3.05	2.7	89	0.21	7	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
358.75	361.80	3.05	2.75	90	0.15	5	4R	3H	1W	
361.80	364.85	3.05	2.7	89	0.20	7	4R	3H	1W	
364.85	367.89	3.04	3	99	0.14	5	4R	3H	1W	
367.89	370.94	3.05	2.48	81	0.30	10	4R	3H	1W	

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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K311907	14-008	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311913	14-008	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311926	14-008	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311933	14-008	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311943	14-009	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311949	14-009	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311960	14-009	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311966	14-009	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311979	14-010	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311983	14-010	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311990	14-010	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K311902	14-007	Core	CS1	☐	☐	☐
0.35	6.10	5.75	OVB, SLT	5.21	91	Q052030	14-C02	Chip		☐	☐	☐
6.10	12.19	6.09	SLT	5.50	90	Q052031	14-C02	Chip		☐	☐	☐
12.19	18.29	6.10	SLT	5.38	88	Q052032	14-C02	Chip		☐	☐	☐
18.29	24.38	6.09	SLT	5.32	87	Q052033	14-C02	Chip		☐	☐	☐
24.38	30.48	6.10	SLT	5.77	95	Q052034	14-C02	Chip		☐	☐	☐
30.48	36.58	6.10	SLT	5.30	87	Q052035	14-C02	Chip		☐	☐	☐
36.58	42.67	6.09	SLT	5.69	93	Q052036	14-C02	Chip		☐	☐	☐
42.67	48.77	6.10	SLT	5.34	88	Q052037	14-C02	Chip		☐	☐	☐
48.77	54.86	6.09	SLT	5.87	96	Q052038	14-C02	Chip		☐	☐	☐
54.86	60.96	6.10	SLT	5.74	94	Q052039	14-C02	Chip		☐	☐	☐
60.96	67.06	6.10	SLT	4.85	80	Q052040	14-C02	Chip		☐	☐	☐
67.06	73.15	6.09	SLT	5.20	85	Q052041	14-C02	Chip		☐	☐	☐
73.15	79.25	6.10	SLT	5.67	93	Q052042	14-C02	Chip		☐	☐	☐
79.25	85.34	6.09	SLT	5.87	96	Q052043	14-C02	Chip		☐	☐	☐
85.34	91.44	6.10	SLT	5.95	98	Q052044	14-C02	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
91.44	94.49	3.05	SLT	2.85	93	Q052045	14-C02	Chip		☐	☐	☐
94.49	96.65	2.16	SLT	2.11	98	K311898	14-007	Core		☐	☐	☐
96.65	99.06	2.41	SLT, DST	2.32	96	K311899	14-007	Core		☐	☐	☐
99.06	102.11	3.05	DST	2.89	95	K311900	14-007	Core		☐	☐	☐
102.11	105.16	3.05	DST	2.99	98	K311901	14-007	Core		☐	☐	☐
105.16	108.20	3.04	DST	3.02	99	K311903	14-008	Core		☐	☐	☐
108.20	111.25	3.05	DST	3.04	100	K311904	14-008	Core		☐	☐	☐
111.25	114.30	3.05	DST	3.03	99	K311905	14-008	Core		☐	☐	☐
114.30	117.35	3.05	DST	2.93	96	K311906	14-008	Core		☐	☐	☐
117.35	120.40	3.05	DST	2.68	88	K311908	14-008	Core		☐	☐	☐
120.40	123.44	3.04	DST	2.93	96	K311909	14-008	Core		☐	☐	☐
123.44	126.49	3.05	DST	3.00	98	K311910	14-008	Core		☐	☐	☐
126.49	129.54	3.05	DST	3.00	98	K311911	14-008	Core		☐	☐	☐
129.54	132.59	3.05	DST	2.85	93	K311912	14-008	Core		☐	☐	☐
132.59	135.64	3.05	DST	3.03	99	K311914	14-008	Core		☐	☐	☐
135.64	138.68	3.04	DST	2.88	95	K311915	14-008	Core		☐	☐	☐
138.68	141.73	3.05	DST	2.96	97	K311916	14-008	Core		☐	☐	☐
141.73	144.78	3.05	DST	2.91	95	K311917	14-008	Core		☐	☐	☐
144.78	147.83	3.05	DST	3.04	100	K311918	14-008	Core		☐	☐	☐
144.78	147.83	3.05	DST	3.04	100	K311919	14-008	Core		☐	☑	☐
147.83	150.88	3.05	DST	2.95	97	K311920	14-008	Core		☐	☐	☐
150.88	153.92	3.04	DST	2.95	97	K311921	14-008	Core		☐	☐	☐
153.92	156.97	3.05	DST	3.00	98	K311922	14-008	Core		☐	☐	☐
156.97	160.02	3.05	DST	2.79	91	K311923	14-008	Core		☐	☐	☐
160.02	163.07	3.05	DST	2.98	98	K311924	14-008	Core		☐	☐	☐
163.07	166.12	3.05	DST	2.95	97	K311925	14-008	Core		☐	☐	☐
166.12	169.16	3.04	DST	2.94	97	K311927	14-008	Core		☐	☐	☐
169.16	172.21	3.05	DST	2.80	92	K311928	14-008	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
172.21	175.26	3.05	DST	3.00	98	K311929	14-008	Core		☐	☐	☐
175.26	178.31	3.05	DST	3.00	98	K311930	14-008	Core		☐	☐	☐
178.31	181.36	3.05	DST	2.91	95	K311931	14-008	Core		☐	☐	☐
181.36	184.40	3.04	DST	2.96	97	K311932	14-008	Core		☐	☐	☐
184.40	187.45	3.05	DST	2.94	96	K311934	14-008	Core		☐	☐	☐
184.40	187.45	3.05	DST	2.94	96	K311935	14-008	Core		☐	☐	☑
187.45	190.50	3.05	DST	2.97	97	K311936	14-008	Core		☐	☐	☐
190.50	193.55	3.05	DST	2.98	98	K311937	14-008	Core		☐	☐	☐
193.55	196.60	3.05	DST	2.95	97	K311938	14-008	Core		☐	☐	☐
196.60	199.64	3.04	DST	2.94	97	K311939	14-009	Core		☐	☐	☐
199.64	201.10	1.46	DST	1.40	96	K311940	14-009	Core		☐	☐	☐
201.10	203.30	2.20	DST	1.55	70	K311941	14-009	Core		☐	☐	☐
203.30	206.35	3.05	DST	2.65	87	K311942	14-009	Core		☐	☐	☐
206.35	209.40	3.05	DST	2.72	89	K311944	14-009	Core		☐	☐	☐
209.40	212.45	3.05	DST	2.69	88	K311945	14-009	Core		☐	☐	☐
212.45	215.49	3.04	DST	3.04	100	K311946	14-009	Core		☐	☐	☐
215.49	218.54	3.05	DST	2.02	66	K311947	14-009	Core		☐	☐	☐
218.54	221.59	3.05	DST	2.61	86	K311948	14-009	Core		☐	☐	☐
221.59	224.64	3.05	DST	2.98	98	K311950	14-009	Core		☐	☐	☐
224.64	227.69	3.05	DST	3.05	100	K311951	14-009	Core		☐	☐	☐
227.69	230.73	3.04	DST	3.04	100	K311952	14-009	Core		☐	☐	☐
230.73	233.78	3.05	DST	2.21	72	K311953	14-009	Core		☐	☐	☐
233.78	235.60	1.82	DST	1.82	100	K311954	14-009	Core		☐	☐	☐
235.60	236.83	1.23	DST, LST	0.85	69	K311955	14-009	Core		☐	☐	☐
236.83	239.88	3.05	LST	2.80	92	K311956	14-009	Core		☐	☐	☐
236.83	239.88	3.05	LST	2.80	92	K311957	14-009	Core		☐	☑	☐
239.88	242.93	3.05	LST	1.55	51	K311958	14-009	Core		☐	☐	☐
242.93	245.97	3.04	LST	3.00	99	K311959	14-009	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
245.97	249.02	3.05	LST	2.92	96	K311961	14-009	Core		☐	☐	☐
249.02	252.07	3.05	LST	3.05	100	K311962	14-009	Core		☐	☐	☐
252.07	255.12	3.05	LST	3.00	98	K311963	14-009	Core		☐	☐	☐
255.12	258.17	3.05	LST	2.72	89	K311964	14-009	Core		☐	☐	☐
258.17	261.21	3.04	LST	2.61	86	K311965	14-009	Core		☐	☐	☐
261.21	264.26	3.05	LST	2.76	90	K311967	14-009	Core		☐	☐	☐
264.26	267.31	3.05	LST	2.85	93	K311968	14-009	Core		☐	☐	☐
267.31	270.36	3.05	LST	2.95	97	K311969	14-009	Core		☐	☐	☐
270.36	273.41	3.05	LST	3.05	100	K311970	14-009	Core		☐	☐	☐
273.41	276.45	3.04	LST	2.80	92	K311971	14-009	Core		☐	☐	☐
276.45	279.50	3.05	LST	3.05	100	K311972	14-009	Core		☐	☐	☐
276.45	279.50	3.05	LST	3.05	100	K311973	14-009	Core		☐	☐	☑
279.50	282.55	3.05	LST	3.05	100	K311974	14-009	Core		☐	☐	☐
282.55	285.60	3.05	LST	2.81	92	K311975	14-010	Core		☐	☐	☐
285.60	288.65	3.05	LST	2.55	84	K311976	14-010	Core		☐	☐	☐
288.65	291.69	3.04	LST	2.77	91	K311977	14-010	Core		☐	☐	☐
291.69	294.74	3.05	LST	3.04	100	K311978	14-010	Core		☐	☐	☐
294.74	297.79	3.05	LST	2.64	87	K311980	14-010	Core		☐	☐	☐
297.79	300.84	3.05	LST	3.05	100	K311981	14-010	Core		☐	☐	☐
300.84	303.89	3.05	LST	2.70	89	K311982	14-010	Core		☐	☐	☐
303.89	306.93	3.04	LST	2.93	96	K311984	14-010	Core		☐	☐	☐
306.93	309.98	3.05	LST	2.80	92	K311985	14-010	Core		☐	☐	☐
309.98	313.03	3.05	LST	2.71	89	K311986	14-010	Core		☐	☐	☐
313.03	316.08	3.05	LST	2.90	95	K311987	14-010	Core		☐	☐	☐
316.08	319.13	3.05	LST	2.73	90	K311988	14-010	Core		☐	☐	☐
319.13	321.16	2.03	LST	1.99	98	K311989	14-010	Core		☐	☐	☐
321.16	322.17	1.01	LST	0.97	96	K311991	14-010	Core		☐	☐	☐
322.17	325.22	3.05	LST	3.00	98	K311992	14-010	Core		☐	☐	☐
325.22	328.27	3.05	LST	3.00	98	K311993	14-010	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
328.27	331.32	3.05	LST	3.05	100	K311994	14-010	Core		☐	☐	☐
331.32	334.37	3.05	LST	2.89	95	K311995	14-010	Core		☐	☐	☐
331.32	334.37	3.05	LST	2.89	95	K311996	14-010	Core		☐	☐	☑
334.37	337.41	3.04	LST	2.88	95	K311997	14-010	Core		☐	☐	☐
337.41	340.46	3.05	LST	2.55	84	K311998	14-010	Core		☐	☐	☐
340.46	343.51	3.05	LST	2.55	84	K311999	14-010	Core		☐	☐	☐
343.51	346.56	3.05	LST	2.45	80	K312000	14-010	Core		☐	☐	☐
346.56	349.61	3.05	LST	2.76	90	K310201	14-010	Core		☐	☐	☐
346.56	349.61	3.05	LST	2.76	90	K310202	14-010	Core		☐	☑	☐
349.61	355.70	6.09	LST	5.94	98	Q052046	14-C02	Chip		☐	☐	☐
355.70	361.80	6.10	LST	5.45	89	Q052047	14-C02	Chip		☐	☐	☐
361.80	367.89	6.09	LST	5.70	94	Q052048	14-C02	Chip		☐	☐	☐
367.89	370.94	3.05	LST	3.05	100	Q052049	14-C02	Chip		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		629505	7111865	1792.44	387.49

ZONE: Osiris

SECTION: S500E

HOLE: OS -14-226

CLAIM:

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth:

Drilling Dates: -

Geology Logged By: N. Kovacs

SURVEY			
Depth (m)	Azimuth	Dip	Method
12.19	2.55	-66.5	Reflex
377.95	353.75	-63	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.96	3.96	OVB
3.96	172.55	168.59	MST
172.55	207.86	35.31	LST
207.86	223.04	15.18	MST
223.04	263.91	40.87	LST
263.91	281.66	17.75	DST
281.66	387.49	105.83	LST

SAMPLES	
Numbers:	K310203 to K310264, Q052050 to Q052091
Total:	105
Batch:	010, 011, 012, C02
Certificates:	WH14113437, WH14113438, WH14115502

COMMENTS

Hole ended in well-bedded limestone after passing target depth. One small zone of mineralization was encountered, but less mineralized than anticipated. Hole deviated significantly to the West

OS -14-226

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.96	3.96	OVB	--	Casing/ No recovery							
						--	--	---	---	--	--	0
3.96	172.55	168.59	MST	FG	Maroon mudstone with turquoise beds interbedded with green-grey siltstone. Grey siltstone is interbedded with 1-5 cm thick dolostone beds. Soft sediment deformation is common at the centre of the interval. Strong oxidation appears at the start of the interval, whereas arsenic oxide alteration is more common towards the centre of the interval. Towards the contact with the C-LST1 the unit becomes medium grey coloured and soft sediment deformed.							
						MD	BN	BD	OXI	3I	--	0
						MD	PU					
						MD	GY	SH				
172.55	207.86	35.31	LST	MG	Dark grey coloured limestone with 1-2 cm thin light grey grainstone and siltstone interbeds. The interval is soft sediment deformed, flame structures occur locally. Close to fault contact, it becomes strongly sheared and calcite veined (1-2 cm).							
								SD				
						DK	GY	SH	---	--	Py	0.01
207.86	223.04	15.18	MST	VF	Strongly sheared, grey-green, very fine grained mudstone with sheared subangular mud clasts. A 20 cm gouge zone appears at 215.64 m. Further away from the fault zone, the unit becomes light brown, massive with local irregular bands of turquoise mudstone.							
						LT	GY					
						LT	GN	MA				
						LT	BN	SH	---	--	--	0
223.04	263.91	40.87	LST	FG	Light to medium grey, calcite veined limestone, mainly soft sediment deformed with local rudstone intervals. Styolites and black stringers appear at the end of the interval.							
						LT	GY	SD	OXI	1I	Py	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD				
263.91	281.66	17.75	DST	FG	Fine grained, medium grey, rubbly, mainly crackled and brecciated textured, locally soft sediment deformed dolostone. The interval is arsenic oxide altered with realgar and orpiment mineralization from 0.1 to 0.01 percent.							
								BX				
								CR			Om	0.1
						DK	GY	RB	ASO	2I	Re	0.1
281.66	387.49	105.83	LST	FG	The beginning of the interval is light-medium grey, fine grained, rubbly, strongly calcite veined limestone with arsenic oxide alteration including realgar and orpiment (0.1-0.01%) mineralization. From 289.56 m to 318.52 m the interval become darker to medium grey, rubbly, locally brecciated limestone and rudstone appears with strong arsenic oxide alteration and realgar and orpiment (1 %) mineralization. Within this interval crackled texture is common especially at the more realgar and orpiment mineralized sections. Towards the end of the hole, the interval becomes light to medium grey, well-bedded, soft sediment deformed limestone interbedded with rudstone and dolostone intervals; disseminated pyrite mineralization occurs locally.							
								RD			Py	0
								RB			Om	0.01
						MD	GY	BX	ASO	2I	Re	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.96	3.96	-?-	--	-							
						--	--	---	---	--	--	0
3.96	12.46	8.50	LST	FG	Thin-bedded and crackled, competent limestone interbedded with grey thin bedded, locally rubbly siltstone. 80:20 ratio of limestone and siltstone.							
						MD	OR	CR				
						MD	GY	BD	OXI	3I	--	0
12.46	14.68	2.22	MST	VF	Sheared mudstone, conglomerate with oxidized carbonate stringers. Gougy over 20 cm , the rest is moderately competent.							
						MD	GY	SH	OXI	4I	--	0
						MD	OR					
14.68	18.32	3.64	MST	VF	Brown-orange mudstone with rarely visible bedding, Minor dark grey to black stringers.							
						MD	BN	---	OXI	4I	--	0
						MD	OR					
18.32	19.03	0.71	MST	VF	Maroon siltstone.							
						MD	PU	BD	OXI	3I	--	0
19.03	21.22	2.19	MST	VF	Brown-orange mudstone with rarely visible beddin. Minor dark grey to black stringers.							
						MD	BN	BD	OXI	3I	--	0
						MD	OR					
21.22	22.73	1.51	MST	VF	Maroon mudstone.							
						MD	PU	BD	OXI	3I	--	0
22.73	28.62	5.89	SLT	FG	Brown siltstone with oxidized thin interbeds on mm scale. First indication of bedding. Interval is competent, locally rubbly.							
						MD	BN	---	OXI	3I	--	0
						MD	RD					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
28.62	36.28	7.66	SLT	FG	Thin-bedded siltstone with dolomite rich beds up to 3 cm wide, dolomite veinlets and stringers, and oxidized mm-wide interbeds. Soft-sediment textures.							
						DK	GY	BD	OXI	2I	--	0
36.28	36.85	0.57	SLT	FG	Brown siltstone interbedded with minor dark grey siltstone, minor							
						MD	BN	SD	OXI	2I	--	0
								BD				
36.85	40.23	3.38	SLT	FG	Maroon siltstone with minor turquoiuse and brown interbeds up to 2 cm wide, competent interval.							
						MD	PU	BD	OXI	2I	--	0
40.23	41.07	0.84	SLT	FG	Brown siltstone with minor gouge.							
						MD	BN	BD	OXI	2I	--	0
41.07	42.12	1.05	SLT	FG	Maroon siltstone, well bedded, light grey silty interbeds up to 1 cm wide, rubbly.							
						MD	PU	RB	OXI	2I	--	0
42.12	43.70	1.58	SLT	FG	Competent, maroon siltstone, bedded, light grey cm thick beds, fracture surfaces calcareous and silty bands.							
						MD	PU	BD	OXI	2I	--	0
						MD	GY					
43.70	45.41	1.71	SLT	FG	Brown siltstone, interbedded with light grey silty, locally calcareous bands, few black mm-scale stringers.							
						MD	BN	---	---	--	--	0
45.41	48.77	3.36	SLT	FG	Very incompetent, gouge material, brown to green coloured, locally strongly oxidized.							
						MD	BN	---	OXI	4I	--	0
						MD	GN					
48.77	50.74	1.97	SLT	FG	Brown siltstone with few light grey mm-scale beds. Fracture surfaces are slightly calcareous.							
						MD	BN	---	OXI	2I	--	0
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
50.74	51.82	1.08	SLT	FG	Maroon siltstone; fracture surfaces are strongly oxidized. Incompentent/rubbly sections, light grey bands from 1-5 cm wide.							
						MD	PU	BD	OXI	4I	--	0
						MD	GY					
51.82	52.83	1.01	SLT	FG	Maroon siltstone with light grey bands, some of which are slightly offset.							
						MD	PU	BD	OXI	3I	--	0
						MD	GY					
52.83	55.48	2.65	SLT	FG	Maroon siltstone with turquoise beds (1-5 cm wide). Minor carbonate stringers across bedding.							
						MD	PU	---	OXI	2I	--	0
						MD	BL					
55.48	57.00	1.52	SLT	FG	Brown siltstone with 1-3 cm wide light grey beds. 80:20 competent:rubbly.							
						MD	PU	BD	OXI	3I	--	0
						MD	BN					
57.00	60.84	3.84	SLT	FG	Brown siltstone with local light grey coarses bands of siltstone, fairly competent, fracture surfaces strongly calcareous.							
						MD	BN	---	---	--	--	0
60.84	62.24	1.40	SLT	FG	Green to brown, well bedded siltstone.							
						MD	BN	BD	OXI	2I	--	0
						MD	GN					
62.24	65.19	2.95	SLT	FG	Green siltstone, vuggy with quartz infill. 80:20 competent:rubble.							
						MD	GN	BD	OXI	2I	--	0
65.19	68.58	3.39	SLT	FG	Green siltstone with lighter green (1-5 cm wide) beds. Fracture surfaces are strongly oxidized with brownish-rusty colour 80:20 competent:rubbly.							
						MD	GN	BD	OXI	3I	--	0
						LT	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
68.58	70.18	1.60	SLT	FG	Rubbly siltstone, locally strongly oxidized.							
						MD	BN	RB	OXI	3I	--	0
						MD	GN					
70.18	72.30	2.12	SLT	FG	Green-grey siltstone with brown oxidation on fracture surfaces. 60:40 competent:rubbly.							
						MD	GY	BD	OXI	2I	--	0
						MD	GN					
72.30	78.43	6.13	SLT	FG	Rubbly siltstone and brecciated inervals with crackle breccia gouge material, which is strongly oxidized. 70:30 rubble: gouge.							
						MD	GY	RB	OXI	2I	--	0
						MD	GN					
78.43	81.38	2.95	SLT	FG	Rubbly siltstone with grey mm-scale interbeds. Some sections are more competent, oxidation on fracture surfaces.							
						MD	GY	RB	OXI	3I	--	0
						DK	GY	BD				
81.38	83.82	2.44	SLT	FG	Interval starts with light grey dolostone (10 cm width) with black stringers and veinets. Rest of interval is incompetent/rubbly grey siltstone.							
						MD	GY	RB	OXI	2I	--	0
						LT	GY					
83.82	88.39	4.57	SLT	FG	Rubbly, grey siltstone with dark grey beds. Disseminated pyrite in darker bands, some sections are more competent.							
						MD	GY	RB	OXI	2I	Py	0.01
								BD				
88.39	91.06	2.67	SLT	FG	Rubbly grey siltstone with arsenic oxide on fracture surfaces. End of interval is more 'gouge-like'.							
						MD	GY	RB	ASO	2I	--	0
						LT	GN		OXI	2I		
91.06	92.98	1.92	SLT	FG	Grey siltstone, brecciated with small quartz veinlets and black stringers. Small (3 cm wide) dolostone beds and clasts.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	---	ASO	0I	--	0
						MD	GY					
92.98	94.49	1.51	SLT	FG	Grey coloured siltstone with 5-10 cm thick bands of clay brecciated bands.							
						MD	GY	BX	OXI	3I	--	0
						LT	GY	BD				
94.49	96.76	2.27	SLT	FG	Grey, well bedded siltstone with darker grey bands few cm (1-2) thick. Light grey clay beds.							
						MD	GY	BD	---	--	--	0
						DK	GY					
96.76	100.80	4.04	SLT	FG	Grey siltstone, brecciated with some dolomitic bands and black stringers. Arsenic oxide on fracture surfaces. Dolomite veinlets, irregularly cut matrix, fairly competent; where ASO, less competent, rubbly, quartz breccia at end of interval.							
						MD	GY	BX	ASO	3I	Py	0.01
								BD	OXI	2I		
100.80	111.30	10.50	SLT	FG	Grey, well bedded siltstone with strong arsenic oxide on fracture surfaces, some of the beds are darker grey (few mm's thick), pyrite along bedding.							
						MD	GY	BD	ASO	4I	Py	0.01
						DK	GY		OXI	2I		
111.30	119.76	8.46	SLT	FG	Grey coloured, fine grained siltstone with lighter grey few mm thin, locally wavy beds, competent. Dissaminated pyrite along bedding.							
						MD	GY	BD	---	--	Py	0.01
						LT	GY					
119.76	126.49	6.73	SLT	FG	Rubbly, fine grained, grey coloured siltstone with a 10 cm thick dolostone interbeds at 120.40 m, the end of the interval is slightly brecciated with dolomite veinlets, ASO on fractured surface and rubbly parts.							
						MD	GY	BD	ASO	2I	--	0
									OXI	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
126.49	127.73	1.24	SLT	FG	Grey coloured, fine grained siltstone with 2-5 cm thick dolostone interbeds with black crackled veins, at the end of the interval 10 cm thick dolostone is strongly black veined.							
						MD	GY	---	---	--	--	0
127.73	137.40	9.67	SLT	FG	Grey siltstone with dark grey, with 5-10 cm dolomitic interbeds; dolomitic beds are cross-cut by black stringers, a 20 cm thick dolostone bed is brecciated at 132.40 m with clay material, locally wavy bedding and irregular dolomite blebs in matrix.							
						MD	GY	BD	---	--	--	0
137.40	141.80	4.40	SLT	FG	Grey siltstone with dark grey interbeds, locally wavy bedding, dolomite stringers across bedding.							
						MD	GY	BD	---	--	--	0
						DK	GY					
141.80	145.13	3.33	SLT	FG	Brecciated interval, mainly grey siltstone with black stringers and irregular dolomite blebs and veins (1-5 cm width); Some of the clasts are irregular, subrounded medium grained sandstone (5-10 cm) width. Soft sediment deformation appaears as folded clasts. Trace pyrite is in black clay like clasts.							
						MD	GY	BX	---	--	Py	0.1
								SD				
145.13	148.23	3.10	SLT	FG	Grey coloured, siltstone with thin dark grey interbeds.							
						MD	GY	BD	---	--	--	0
						DK	GY					
148.23	151.42	3.19	SLT	FG	Brecciated siltstone intervals with 1-5 cm width pink weathering dolomite veinlets, sof sediment deformation appears as assymetrical folds, some of the clasts are light grey coloured and calcareous.							
						DK	GY	BX	OXI	1I	--	0
								SD				
151.42	162.50	11.08	SLT	FG	Grey coloured silstone with light grey, thin silty beds and 5 cm thick (width) wavy dolostone interbeds with black stringers throughout the matrix.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD	OXI	1I	--	0
162.50	166.75	4.25	SLT	FG	Rubbly, grey coloured siltstone with wavy dolostone interbeds, some irregular 3-5 cm thick dolomite veinlets at the center of interval. 10 cm thick calcite vein appaers at the end of the interval close to a 15 cm thick dolostone bed.							
						MD	GY	BD	---	--	--	0
								RB				
166.75	168.55	1.80	SLT	FG	Dark grey coloured, strongly calcite veined (mm to 1 cm) siltstone is slightly brecciated with calcite veins. Soft sediment deformation appaears throughtout the interval. Siltstone is interbedded with medium grained sandy limestone beds (20-40 cm).							
						DK	GY	BD	---	--	--	0
								SD				
168.55	172.55	4.00	SLT	FG	Dark grey coloured siltstone is interbedded with wavy dolostone and medium grained, sandy limestone beds. Dolostone is black crackle veined.							
						DK	GY	BD	---	--	--	0
172.55	205.00	32.45	LST	MG	Dark grey coloured limestone with light grey (1-2 cm) thick, light grey thin limestone and 40 cm thick grainstone interbeds. Soft sediment deformation is continous throughout this interval including flame structures and internal folds. At 176. 36 m rudstone interval (10 cm) consists rounded, 2-5 cm width, calcareous clasts. Towards the end of the interval, calcite veining increases.							
						DK	GY	BD	---	--	Py	0.01
								SD				
205.00	207.86	2.86	LST	MG	At the fault contact, strongly sheared, dark grey limestone with small calcite veinlets. No gouge in this interval.							
						DK	GY	SH	---	--	--	0
								BX				
207.86	217.93	10.07	MST	FG	Strongly sheared , green-grey coloured, very fine grained mudstone with local subangular, sheared mudstone clasts. Locally, 5 cm thick dolomite veins brecciate matrix. At 211.47 m fluorite stringers are strongly sheared along clasts. At 215.64 m a 20 cm (length) clay gouge interval.							
						LT	GN	SH	---	--	Fl	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	BX				
217.93	223.04	5.11	MST	VF	Massive, very fine grained, brown coloured mudstone with local turquoise bands and irregular long clasts.							
						LT	BN	MA	---	--	--	0
223.04	243.74	20.70	LST	FG	Light grey limestone locally interbedded with dark grey thin limestone bands. Strong soft sediment deformation throughout interval. Irregular few mm thin, pinkish weathered calcite veined locally.							
						LT	GY	SD	OXI	1I	Py	0.01
						DK	GY					
243.74	244.45	0.71	LST	FG	73 cm long interval of rudstone, 10-15 cm width flat, elonginated calcareous, subrounded clasts.							
						LT	GY	---	---	--	--	0
244.45	254.51	10.06	DST	FG	Light to medium grained dolostone interbedded with rudstone; calcite veined which appears as irregular blebs with pink hue. Clasts are subangular, flattened, light grey limestone. Locally soft sediment deformed, from 250.18-251.34 m dolostone becomes more calcite veined, and more calcareous.							
						MD	GY	SD	OXI	1I	--	0
								BD				
254.51	255.83	1.32	LST	FG	Fine grained limestone, sof sediment deformed with black stringers and styolites.							
						MD	CR	SD	---	--	--	0
								BD				
255.83	263.91	8.08	DST	FG	Fine grained, grey coloured, well-bedded dolostone is interbedded with rudstone; interbeds are massive and vary between 40 cm to 1m. Locally rudstone is soft sediment deformed, clasts are mainly limestone and calcite. Dolostone interbeds are slightly brecciated ,clasts are flattened.							
						MD	GY	SD	ASO	1I	--	0
								BX				
263.91	266.70	2.79	DST	FG	Light grey weathered, crackled dolostone with strong calcite veining, mainly stringers and small (few mm) black non- calcareous veinlets. Locally brecciated intervals, competent interval.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	CR	---	--	--	0
								BX				
266.70	269.75	3.05	DST	FG	Medium grey weathered, brecciated dolostone with realgar and orpiment mineralized intervals. Realgar and orpiment occurs dissaminated and as stringers between clasts. Some larger realgar crystals appaer on fractured and fresh surface.							
						MD	GY	RB	ASO	3I	Re	1
								BX			Om	1
269.75	273.42	3.67	DST	FG	Medium grey coloured, crackled dolostone with local soft sediment deformation, mainly internal folds; fairly competent interval.							
						LT	GY	SD	---	--	--	0
								CR				
273.42	275.56	2.14	DST	FG	Medium grey, strongly calcite veined dolostone; calcite veinlets are few cm thick, ASO on fracturing surface. Locally brecciated interval with rounded clasts of dolostone.							
						MD	GY	BX	ASO	2I	Re	0.1
											Om	0.1
275.56	276.84	1.28	LST	FG	Short interval of medium grey coloured limestone, soft sediment deformed,slightly calcite veined, trace realgar and orpiment occurs along small fractures as veinlets.							
						LT	GY	SD	ASO	1I	Re	0.01
276.84	281.66	4.82	DST	FG	Medium grey crackled dolostone, locally soft sediment deformed, slightly calcite veined, the dolostone becomes interbedded with thin, dark beds towards the end of the interval.							
						MD	GY	CR	OXI	1I	--	0
								BD				
281.66	284.99	3.33	LST	FG	Light grey, soft sediment deformed limestone with trace realgar on fractured surface. Large calcite veins are 1-10 cm width.							
						LT	GY	SD	ASO	1I	Re	0.01
								BD				
284.99	288.04	3.05	LST	FG	Medium grey limestone. The start of the interval is dolomitic and crackled textured from 285.58 m to 286.17 m. Realgar and orpiment mineralization on fractured surfaced and in calcite veinlets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	CR	ASO	2I	Re	0.1
								BD			Om	0.1
288.04	289.56	1.52	LST	FG	Medium grey limestone, brecciated, irregular calcite veining in brecciated matrix, realgar and orpiment in calcite veins and in matrix.							
						MD	GY	BX	ASO	1I	Re	0.01
								RB	OXI	1I	Om	0.01
289.56	291.08	1.52	LST	FG	Strongly calcite veined, rubbly limestone, realgar crystals in calcite veins, calcite veins are few mm thick and locally looked sheared along bedding.							
						DK	GY	BD	ASO	1I	Re	0
								RB				
291.08	293.74	2.66	LST	FG	Dark grey coloured, calcite veined limestone, calcite veins seem sheared,mainly few mm thick, some of the calcite veins are greater than 1 cm and perpendicular to bedding. Orpiment along fracturing.							
						DK	GY	SH	ASO	1I	Om	0
								BD				
293.74	295.95	2.21	LST	FG	Dark grey limestone with ASO mineralization occuring on fresh surface and locally in calcite veins and stringers.							
						DK	GY	BD	ASO	3I	Re	1
											Om	1
295.95	296.82	0.87	LST	FG	Rudstone interval, strongly ASO mineralized at the start of the interval and then mainly on fractured surface.							
						MD	GY	RD	ASO	2I	Re	0.7
											Om	0.7
296.82	301.75	4.93	LST	FG	Limestone interbedded with floatstone intervals are between 10-20 cm. On fractured surface dissaminated orpiment. From 301.23 m to 301.75 m rudstone interval.							
						MD	GY	FL	ASO	1I	Om	0.07
								BD				
301.75	304.63	2.88	LST	FG	Medium grey limestone well-bedded, 8 cm long rudstone interbed at the centre of the interval. ASO on fractured surface.							
						MD	GY	BD	ASO	1I	Om	0.07

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
304.63	306.20	1.57	LST	FG	Fine grained limestone with irregular, pinkish calcite veinlets brecciating matrix.							
						LT	GY	BD	---	--	--	0
306.20	310.21	4.01	LST	FG	Medium grey crackled limestone; clasts are flattened, realgar and orpiment is dissaminated on fractured surface. Calcite veinlets occur as clasts or between clasts.							
						MD	GY	CR	ASO	2I	Om	0.01
								BX	OXI	1I	Re	0.01
310.21	314.39	4.18	LST	FG	Rudstone interbedded with dolomitic limestone interbeds (15-70 cm). Dolomitic limestone is darker grey coloured, well-bedded, and silty.							
						MD	GY	RD	ASO	1I	Om	0.01
								BD	OXI	1I		
314.39	318.52	4.13	LST	FG	Medium grey limestone, the beginning of the interval is brecciated with calcite veinlets. From 314.96 m the interval becomes darker gey, well-bedded limestone with trace realgar and orpiment on fractured surface and in calcite veins.							
						MD	GY	BD	ASO	1I	Re	0.01
								BX	OXI	1I		
318.52	323.70	5.18	LST	FG	Light grey limestone with black bands interbedded with darker grey limestone. Darker grey limestone locally has few mm thin wavy beds. Vuggy calcite veins occur at the centre of the interval.							
						MD	GY	BD	OXI	1I	--	0
						LT	GY					
323.70	324.49	0.79	SLT	FG	Grey-green siktstone with coarser wavy beds.							
						MD	GY	BD	OXI	1I	--	0
						MD	GN					
324.49	326.96	2.47	LST	FG	Light grey limestone with vuggy calcite veins (1-6 cm).							
						LT	GY	BD	OXI	1I	--	0
326.96	330.71	3.75	LST	FG	Light grey well-bedded limestone with darker, thin beds.							
						LT	GY	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
330.71	334.66	3.95	LST	FG	Medium grey limestone with few calcite veins, some of the calcite veins are vuggy. Mainly massive textured, at the end of interval the limestone becomes well-bedded.							
						MD	GY	BD	---	--	--	0
								MA				
334.66	339.68	5.02	LST	FG	Well-bedded limestone, from 336.87 10 cm long rudstone bed.							
						LT	GY	BD	---	--	--	0
339.68	347.17	7.49	LST	MG	Medium grey limestone with thin, locally wavy dark, grey beds. Soft sediment deformatiom.							
						MD	GY	MA	---	--	--	0
								SD				
347.17	350.39	3.22	LST	MG	Medium grained, pebbly limestone with rudstone texture, but smaller 1-2 cm large clasts. The centre of the interval is massive grey limestone with calcite veins. The end of the interval becomes rubbly and soft sediment deformed.							
						MD	GY	MA	---	--	--	0
								SD				
350.39	351.96	1.57	LST	MG	Brecciated limestone with calcite veins at the start of the interval, rudstone textured with few styolites between 1-5 cm large clasts.							
						LT	GY	RD	---	--	--	0
								BX				
351.96	358.28	6.32	LST	FG	Medium grey, massive limestone (30 -40 cm) is interbedded with well- bedded, locally soft sediment deformed limestone (70-80 cm). The centre of the interval from 354.39-354.62 m is rudstone.							
						MD	GY	RD	---	--	--	0
								MA				
								BD				
358.28	359.45	1.17	LST	FG	Limestone brecciated with calcite veins that are 7-10 cm (width) irregular and blebby.							
						LT	GY	BX	---	--	--	0
359.45	364.09	4.64	LST	FG	Light grey limestone with characteristic flow banded- wavy beds.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	BN	MBL	1I	--	0
								BD				
364.09	368.73	4.64	LST	FG	Medium grey limestone with pyrite blebs in matrix.							
						MD	GY	BD	---	--	Py	0.07
368.73	371.25	2.52	LST	FG	Light grey limestone with dissaminated pyrite and soft sediment defromed thin beds.							
						LT	GY	BD	---	--	Py	0.07
								SD				
371.25	373.06	1.81	LST	FG	Medium grey limestone; from 372.39 rudstone textured.							
						MD	GY	RD	---	--	--	0
								BD				
373.06	375.12	2.06	LST	FG	Soft sediment deformed limestone with some folds.							
						MD	GY	SD	---	--	--	0
375.12	379.91	4.79	LST	FG	Soft sediment deformed limestone with sheared clasts.							
						MD	GY	SD	---	--	--	0
								SH				
379.91	381.36	1.45	DST	FG	Soft sediment deformed, bedded dolostone with light grey limestone interbeds.							
						MD	GY	BD	---	--	--	0
								SD				
381.36	382.85	1.49	DST	FG	Medium grey dolostone interbedded with more calcareous beds.							
						MD	GY	BD	---	--	--	0
382.85	384.04	1.19	LST	FG	Light grey limestone with darker, thin interbeds.							
						LT	GY	BD	---	--	--	0
384.04	385.14	1.10	LST	FG	Light grey bedded limestone with darker thin interbeds.							
						LT	GY	BD	---	--	--	0
385.14	387.49	2.35	LST	FG	Well-bedded limestone.							
						MD	GY	BD	---	--	--	0

OS -14-226

Nadaleen
Osiris Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.96	3.96	0	0	0.00	0	--	--	--	
3.96	6.10	2.14	2.14	100	0.30	14	4R	4H	2W	
6.10	7.62	1.52	0.81	53	0.46	30	3R	2H	2W	
7.62	9.14	1.52	1.52	100	0.78	51	4R	4H	1W	
9.14	10.67	1.53	1.32	86	0.31	20	4R	4H	1W	
10.67	12.19	1.52	1.52	100	0.32	21	3R	3H	2W	
12.19	13.72	1.53	1.39	91	0.46	30	1R	3H	3W	
13.72	15.24	1.52	1.46	96	0.46	30	1R	3H	3W	
15.24	16.76	1.52	1.21	80	0.62	41	0R	3H	3W	
16.76	18.29	1.53	1.52	99	0.82	54	0R	3H	3W	
18.29	19.81	1.52	1.31	86	0.59	39	0R	3H	3W	
19.81	21.34	1.53	1.52	99	0.14	9	0R	3H	2W	
21.34	22.86	1.52	1.45	95	0.59	39	0R	3H	4W	
22.86	24.38	1.52	1.16	76	0.51	34	0R	4H	3W	
24.38	25.91	1.53	1.52	99	0.99	65	0R	3H	3W	
25.91	27.43	1.52	1.52	100	0.53	35	0R	2H	2W	
27.43	28.96	1.53	1.32	86	0.80	52	0R	3H	2W	
28.96	30.48	1.52	1.52	100	1.14	75	0R	3H	2W	
30.48	32.00	1.52	1.52	100	1.05	69	0R	3H	2W	
32.00	33.53	1.53	1.52	99	1.24	81	0R	2H	3W	
33.53	35.05	1.52	1.43	94	1.00	66	0R	3H	2W	
35.05	36.58	1.53	1.52	99	1.04	68	0R	3H	2W	
36.58	38.10	1.52	1.32	87	0.59	39	0R	3H	2W	
38.10	39.62	1.52	1.52	100	1.05	69	0R	3H	1W	
39.62	41.15	1.53	1.47	96	0.44	29	0R	3H	1W	
41.15	42.67	1.52	1.52	100	0.00	0	0R	3H	1W	
42.67	44.20	1.53	1.52	99	0.00	0	0R	3H	1W	
44.20	45.72	1.52	1.5	99	0.11	7	0R	3H	2W	
45.72	47.24	1.52	1.46	96	0.00	0	0R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
47.24	48.77	1.53	1.3	85	0.00	0	0R	1H	1W	
48.77	50.29	1.52	1.52	100	0.21	14	0R	3H	2W	
50.29	51.82	1.53	1.52	99	0.11	7	0R	3H	3W	
51.82	53.34	1.52	1.52	100	0.51	34	0R	3H	2W	
53.34	54.86	1.52	1.43	94	0.69	45	0R	3H	1W	
54.86	56.39	1.53	1.52	99	0.30	20	0R	3H	2W	
56.39	57.91	1.52	1.45	95	0.11	7	0R	3H	2W	
57.91	59.44	1.53	1.52	99	0.53	35	0R	3H	2W	
59.44	60.96	1.52	1.52	100	0.38	25	0R	3H	2W	
60.96	62.48	1.52	1.5	99	0.25	16	0R	3H	2W	
62.48	64.01	1.53	1.36	89	0.00	0	0R	3H	2W	
64.01	65.53	1.52	1.45	95	0.00	0	0R	3H	2W	
65.53	67.06	1.53	1.47	96	0.00	0	0R	3H	2W	
67.06	68.58	1.52	1.41	93	0.23	15	0R	3H	2W	
68.58	70.10	1.52	1.22	80	0.00	0	0R	1H	3W	
70.10	71.63	1.53	1.15	75	0.00	0	0R	3H	2W	
71.63	73.15	1.52	1.52	100	0.00	0	0R	3H	2W	
73.15	74.68	1.53	1.33	87	0.00	0	0R	2H	1W	
74.68	76.20	1.52	1.39	91	0.20	13	0R	2H	3W	
76.20	77.72	1.52	1.23	81	0.00	0	0R	2H	2W	
77.72	79.25	1.53	1.07	70	0.12	8	0R	2H	2W	
79.25	80.77	1.52	1.52	100	0.00	0	0R	3H	3W	
80.77	82.30	1.53	1.52	99	0.11	7	0R	3H	2W	secondary structure with hardness of 4
82.30	83.82	1.52	0.81	53	0.00	0	0R	1H	1W	
83.82	85.34	1.52	1.52	100	0.21	14	0R	3H	1W	
85.34	86.87	1.53	1.41	92	0.21	14	0R	3H	1W	
86.87	88.39	1.52	1.52	100	0.21	14	0R	3H	1W	
88.39	89.92	1.53	1.16	76	0.00	0	0R	2H	2W	
89.92	91.44	1.52	1.33	88	0.13	9	0R	1H	2W	
91.44	92.96	1.52	1.24	82	0.00	0	0R	2H	1W	
92.96	94.49	1.53	1.45	95	0.62	41	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
94.49	96.01	1.52	1.5	99	0.32	21	0R	3H	1W	
96.01	97.54	1.53	1.52	99	0.44	29	0R	3H	1W	
97.54	99.06	1.52	1.25	82	0.00	0	0R	3H	2W	
99.06	100.58	1.52	1.52	100	0.00	0	0R	3H	1W	
100.58	102.11	1.53	1.45	95	0.52	34	0R	3H	2W	
102.11	103.63	1.52	1.44	95	0.24	16	0R	2H	2W	
103.63	105.16	1.53	1.52	99	0.00	0	0R	3H	2W	
105.16	106.68	1.52	1.44	95	0.17	11	0R	3H	2W	
106.68	108.20	1.52	1.48	97	0.20	13	0R	3H	2W	
108.20	109.73	1.53	1.53	100	1.18	77	0R	3H	2W	
109.73	111.25	1.52	1.52	100	0.32	21	0R	3H	1W	
111.25	112.78	1.53	1.53	100	0.00	0	0R	3H	2W	
112.78	114.30	1.52	1.32	87	0.00	0	0R	2H	2W	
114.30	115.82	1.52	1.52	100	0.10	7	0R	3H	2W	
115.82	117.35	1.53	1.53	100	0.54	35	0R	3H	1W	
117.35	118.87	1.52	1.52	100	0.34	22	0R	3H	1W	
118.87	120.40	1.53	1.3	85	0.16	10	0R	3H	2W	
120.40	121.92	1.52	1.36	89	0.11	7	0R	2H	2W	
121.92	123.44	1.52	1.36	89	0.11	7	0R	3H	2W	
123.44	124.97	1.53	1.44	94	0.59	39	0R	2H	2W	
124.97	126.49	1.52	1.35	89	0.11	7	0R	3H	2W	
126.49	128.02	1.53	1.53	100	0.46	30	0R	3H	1W	
128.02	129.54	1.52	1.48	97	0.46	30	0R	3H	1W	
129.54	131.06	1.52	1.52	100	0.13	9	0R	3H	1W	area of rock with a hardness of 4
131.06	132.59	1.53	1.47	96	0.36	24	0R	3H	1W	
132.59	134.11	1.52	1.52	100	0.47	31	0R	3H	1W	
134.11	135.64	1.53	1.53	100	0.65	42	0R	3H	1W	
135.64	137.16	1.52	1.42	93	0.60	39	0R	3H	1W	
137.16	138.68	1.52	1.49	98	0.40	26	0R	3H	1W	
138.68	140.21	1.53	1.53	100	0.00	0	0R	3H	1W	
140.21	141.73	1.52	1.52	100	0.36	24	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
141.73	143.26	1.53	1.37	90	0.50	33	0R	3H	1W	
143.26	144.78	1.52	1.44	95	1.01	66	0R	3H	1W	
144.78	146.30	1.52	1.52	100	0.70	46	0R	3H	1W	
146.30	147.83	1.53	1.4	92	0.78	51	0R	3H	1W	
147.83	149.35	1.52	1.52	100	0.37	24	0R	4H	1W	
149.35	150.88	1.53	1.28	84	0.54	35	0R	3H	1W	
150.88	152.40	1.52	1.52	100	0.42	28	0R	3H	1W	
152.40	153.92	1.52	1.52	100	0.41	27	0R	3H	1W	
153.92	155.45	1.53	1.42	93	0.75	49	0R	3H	1W	
155.45	156.97	1.52	1.52	100	0.77	51	0R	3H	1W	
156.97	158.50	1.53	1.45	95	0.58	38	0R	4H	1W	
158.50	160.02	1.52	1.49	98	0.31	20	0R	4H	1W	
160.02	161.54	1.52	1.47	97	0.86	57	0R	3H	1W	
161.54	163.07	1.53	1.52	99	0.75	49	0R	3H	1W	
163.07	164.59	1.52	1.52	100	0.33	22	0R	3H	1W	
164.59	166.12	1.53	1.36	89	0.00	0	4R	3H	1W	
166.12	167.64	1.52	1.52	100	0.15	10	1R	3H	1W	
167.64	169.16	1.52	1.52	100	0.44	29	4R	4H	1W	
169.16	170.69	1.53	1.37	90	1.03	67	0R	3H	1W	
170.69	172.21	1.52	1.52	100	0.72	47	2R	3H	1W	
172.21	173.74	1.53	1.53	100	1.00	65	2R	4H	1W	
173.74	175.26	1.52	1.5	99	0.57	38	3R	3H	1W	
175.26	176.78	1.52	1.48	97	0.74	49	3R	4H	1W	
176.78	179.83	3.05	1.47	48	0.85	28	4R	4H	1W	
179.83	181.36	1.53	1.52	99	0.61	40	4R	4H	1W	
181.36	182.88	1.52	1.52	100	0.47	31	4R	4H	1W	
182.88	184.40	1.52	1.52	100	0.19	13	4R	4H	1W	
184.40	185.93	1.53	1.39	91	0.27	18	3R	4H	1W	
185.93	187.45	1.52	1.42	93	0.46	30	4R	4H	1W	
187.45	188.98	1.53	1.53	100	0.86	56	4R	4H	1W	
188.98	190.50	1.52	1.52	100	0.38	25	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
190.50	192.02	1.52	1.52	100	0.54	36	4R	4H	1W	
192.02	193.55	1.53	1.24	81	0.00	0	4R	4H	1W	
193.55	195.07	1.52	1.52	100	0.25	16	4R	4H	1W	
195.07	196.60	1.53	1.53	100	0.29	19	4R	4H	1W	
196.60	198.12	1.52	1.52	100	0.24	16	4R	4H	1W	
198.12	199.64	1.52	1.52	100	0.00	0	3R	4H	1W	
199.64	201.17	1.53	1.53	100	0.00	0	3R	4H	1W	
201.17	202.69	1.52	1.52	100	0.14	9	4R	4H	1W	
202.69	204.22	1.53	1.45	95	0.72	47	4R	3H	1W	
204.22	205.74	1.52	1.52	100	0.55	36	4R	4H	1W	
205.74	207.26	1.52	1.42	93	0.52	34	4R	4H	1W	
207.26	208.79	1.53	1.53	100	0.66	43	0R	2H	1W	
208.79	210.31	1.52	1.5	99	1.23	81	1R	4H	1W	
210.31	211.84	1.53	1.41	92	0.88	58	1R	3H	1W	
211.84	213.36	1.52	1.52	100	0.97	64	1R	4H	1W	
213.36	214.88	1.52	1.47	97	1.02	67	1R	4H	1W	
214.88	216.41	1.53	1.25	82	0.35	23	0R	3H	1W	
216.41	217.93	1.52	1.52	100	0.86	57	0R	3H	1W	
217.93	219.46	1.53	1.53	100	1.01	66	1R	3H	1W	
219.46	220.98	1.52	1.52	100	1.01	66	1R	3H	1W	
220.98	222.50	1.52	1.5	99	1.22	80	1R	3H	1W	
222.50	224.03	1.53	1.53	100	0.67	44	2R	3H	1W	interbedded rock withing half of this secion with a reaction of 4 with HCL acid test
224.03	225.55	1.52	1.52	100	0.29	19	4R	3H	1W	
225.55	227.08	1.53	1.53	100	1.30	85	4R	4H	1W	
227.08	228.60	1.52	1.48	97	0.81	53	3R	4H	1W	
228.60	230.12	1.52	1.34	88	0.46	30	4R	4H	1W	
230.12	231.65	1.53	1.53	100	1.44	94	4R	5H	1W	
231.65	233.17	1.52	1.52	100	1.04	68	3R	4H	1W	
233.17	234.70	1.53	1.5	98	1.05	69	3R	4H	1W	
234.70	236.22	1.52	1.52	100	1.28	84	4R	5H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
236.22	237.74	1.52	1.44	95	1.42	93	4R	4H	1W	
237.74	239.27	1.53	1.53	100	1.38	90	4R	4H	1W	
239.27	240.79	1.52	1.52	100	1.36	89	4R	4H	1W	
240.79	242.32	1.53	1.53	100	0.99	65	4R	4H	1W	
242.32	243.84	1.52	1.48	97	1.28	84	4R	4H	1W	
243.84	245.36	1.52	1.52	100	1.11	73	3R	3H	1W	
245.36	246.89	1.53	1.4	92	0.98	64	2R	4H	1W	
246.89	248.41	1.52	1.52	100	1.14	75	3R	3H	1W	
248.41	249.94	1.53	1.49	97	0.96	63	4R	4H	1W	
249.94	251.46	1.52	1.42	93	0.90	59	2R	4H	1W	
251.46	252.98	1.52	1.52	100	0.74	49	4R	4H	1W	
252.98	254.51	1.53	1.53	100	0.49	32	3R	4H	1W	
254.51	256.03	1.52	1.47	97	0.56	37	3R	3H	1W	half of rock interbedded has a HCL reaction of 2 and 4
256.03	257.56	1.53	1.53	100	0.98	64	1R	3H	1W	
257.56	259.08	1.52	1.48	97	0.73	48	4R	4H	1W	
259.08	260.60	1.52	1.5	99	0.90	59	3R	3H	1W	half of rock interbedded has a HCL reaction of 2 and 4
260.60	262.13	1.53	1.53	100	0.41	27	3R	3H	1W	half of rock interbedded has a HCL reaction of 2 and 4
262.13	263.65	1.52	1.44	95	0.41	27	3R	3H	1W	
263.65	265.18	1.53	1.44	94	0.84	55	2R	4H	1W	
265.18	266.70	1.52	1.5	99	0.72	47	2R	4H	1W	
266.70	268.22	1.52	1.48	97	0.11	7	2R	2H	1W	
268.22	269.75	1.53	1.43	93	0.13	8	1R	3H	1W	
269.75	271.27	1.52	1.52	100	0.44	29	1R	3H	1W	
271.27	272.80	1.53	1.53	100	0.26	17	2R	4H	1W	
272.80	274.32	1.52	1.49	98	0.39	26	1R	4H	1W	
274.32	275.84	1.52	1.52	100	0.56	37	3R	3H	1W	
275.84	277.37	1.53	1.46	95	0.31	20	2R	4H	1W	
277.37	278.89	1.52	1.52	100	0.70	46	2R	4H	1W	
278.89	280.42	1.53	1.53	100	0.46	30	2R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
280.42	281.94	1.52	1.52	100	0.30	20	2R	3H	1W	
281.94	283.46	1.52	1.47	97	0.11	7	4R	4H	1W	
283.46	284.99	1.53	1.53	100	0.41	27	4R	4H	1W	
284.99	286.51	1.52	1.52	100	0.63	41	2R	4H	1W	
286.51	288.04	1.53	1.3	85	0.12	8	3R	3H	1W	
288.04	289.56	1.52	1.52	100	0.34	22	3R	3H	1W	
289.56	291.08	1.52	1.52	100	0.16	11	3R	4H	1W	
291.08	292.61	1.53	1.37	90	0.37	24	4R	4H	1W	
292.61	294.13	1.52	1.45	95	0.00	0	3R	3H	1W	
294.13	295.66	1.53	1.53	100	0.24	16	2R	3H	1W	
295.66	297.18	1.52	1.52	100	0.63	41	3R	4H	1W	
297.18	298.70	1.52	1.4	92	0.71	47	3R	3H	1W	
298.70	300.23	1.53	1.53	100	1.20	78	1R	4H	1W	
300.23	301.75	1.52	1.48	97	1.14	75	2R	4H	1W	
301.75	303.28	1.53	1.52	99	1.01	66	2R	4H	1W	
303.28	304.80	1.52	1.52	100	0.75	49	2R	4H	1W	
304.80	306.32	1.52	1.41	93	0.20	13	4R	4H	1W	
306.32	307.85	1.53	1.48	97	0.99	65	4R	4H	1W	
307.85	309.37	1.52	1.45	95	0.49	32	4R	4H	1W	
309.37	310.90	1.53	1.53	100	0.84	55	3R	4H	1W	
310.90	312.42	1.52	1.52	100	1.18	78	4R	4H	1W	
312.42	313.94	1.52	1.42	93	0.98	64	2R	4H	1W	
313.94	315.47	1.53	1.53	100	0.68	44	4R	4H	1W	
315.47	316.99	1.52	1.39	91	0.00	0	4R	4H	1W	
316.99	318.52	1.53	1.33	87	0.46	30	4R	4H	1W	
318.52	320.04	1.52	1.46	96	0.14	9	4R	4H	1W	
320.04	321.56	1.52	1.37	90	0.26	17	4R	4H	1W	
321.56	323.09	1.53	1.53	100	1.16	76	2R	4H	1W	HCL reaction of 2 at some areas
323.09	324.61	1.52	1.52	100	1.16	76	1R	4H	1W	hcl reaction mostly 0
324.61	326.14	1.53	1.37	90	0.63	41	4R	4H	1W	
326.14	327.66	1.52	1.52	100	0.52	34	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
327.66	329.18	1.52	1.48	97	1.03	68	4R	4H	1W	
329.18	330.71	1.53	1.45	95	1.25	82	4R	4H	1W	
330.71	332.23	1.52	1.42	93	0.41	27	4R	4H	1W	
332.23	333.76	1.53	1.52	99	0.34	22	4R	4H	1W	
333.76	335.28	1.52	1.43	94	0.86	57	4R	4H	1W	
335.28	336.80	1.52	1.52	100	1.01	66	3R	4H	1W	
336.80	338.33	1.53	1.41	92	0.59	39	4R	4H	1W	
338.33	339.85	1.52	1.52	100	0.88	58	4R	4H	1W	
339.85	341.38	1.53	1.33	87	1.03	67	4R	4H	1W	
341.38	342.90	1.52	1.52	100	0.62	41	4R	5H	1W	
342.90	344.42	1.52	1.52	100	0.69	45	3R	4H	1W	
344.42	345.95	1.53	1.51	99	0.60	39	4R	4H	1W	
345.95	347.47	1.52	1.52	100	0.42	28	4R	4H	1W	
347.47	349.00	1.53	1.46	95	0.40	26	4R	4H	1W	
349.00	350.52	1.52	1.52	100	0.17	11	4R	4H	1W	
350.52	352.04	1.52	1.52	100	0.41	27	4R	4H	1W	
352.04	353.57	1.53	1.53	100	0.73	48	3R	4H	1W	
353.57	355.09	1.52	1.52	100	0.72	47	3R	4H	1W	
355.09	356.62	1.53	1.39	91	1.05	69	2R	4H	1W	
356.62	358.14	1.52	1.42	93	0.87	57	4R	4H	1W	
358.14	359.66	1.52	1.45	95	0.84	55	4R	4H	1W	
359.66	361.19	1.53	1.39	91	0.81	53	4R	4H	1W	
361.19	362.71	1.52	1.52	100	1.11	73	4R	4H	1W	
362.71	364.24	1.53	1.49	97	0.92	60	4R	4H	1W	
364.24	365.76	1.52	1.43	94	0.98	64	4R	4H	1W	
365.76	367.28	1.52	1.52	100	1.02	67	2R	4H	1W	
367.28	368.81	1.53	1.53	100	1.01	66	2R	4H	1W	
368.81	370.33	1.52	1.52	100	0.97	64	3R	4H	1W	
370.33	371.86	1.53	1.41	92	0.45	29	4R	4H	1W	
371.86	373.38	1.52	1.52	100	0.84	55	2R	4H	1W	
373.38	374.90	1.52	1.52	100	1.23	81	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
374.90	376.43	1.53	1.53	100	1.32	86	3R	4H	1W	
376.43	377.95	1.52	1.44	95	1.08	71	1R	3H	1W	
377.95	379.48	1.53	1.45	95	1.04	68	1R	4H	1W	
379.48	381.00	1.52	1.52	100	1.17	77	2R	4H	1W	
381.00	382.52	1.52	1.52	100	1.22	80	2R	4H	1W	
382.52	384.05	1.53	1.48	97	0.65	42	4R	4H	1W	
384.05	385.57	1.52	1.52	100	0.80	53	3R	4H	1W	
385.57	387.09	1.52	1	66	0.94	62	2R	4H	1W	
387.09	387.49	0.40	0	0	0.00	0	--	--	--	

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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K310216	14-011	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310228	14-011	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310232	14-011	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310245	14-011	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310250	14-012		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310256	14-012			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310208	14-010	Core	CS2	☐	☐	☐
3.96	7.62	3.66	MST, OVB	3.03	83	Q052050	14-C02	Chip		☐	☐	☐
7.62	13.72	6.10	MST	5.75	94	Q052051	14-C02	Chip		☐	☐	☐
13.72	19.81	6.09	MST	5.50	90	Q052052	14-C02	Chip		☐	☐	☐
19.81	25.91	6.10	MST	5.65	93	Q052053	14-C02	Chip		☐	☐	☐
25.91	32.00	6.09	MST	5.89	97	Q052054	14-C02	Chip		☐	☐	☐
32.00	38.10	6.10	MST	5.82	95	Q052055	14-C02	Chip		☐	☐	☐
38.10	44.20	6.10	MST	6.03	99	Q052056	14-C02	Chip		☐	☐	☐
44.20	50.29	6.09	MST	5.78	95	Q052057	14-C02	Chip		☐	☐	☐
50.29	56.39	6.10	MST	6.02	99	Q052058	14-C02	Chip		☐	☐	☐
56.39	62.48	6.09	MST	5.99	98	Q052059	14-C02	Chip		☐	☐	☐
62.48	68.58	6.10	MST	5.69	93	Q052060	14-C02	Chip		☐	☐	☐
68.58	74.68	6.10	MST	5.22	86	Q052061	14-C02	Chip		☐	☐	☐
74.68	80.77	6.09	MST	5.22	86	Q052062	14-C02	Chip		☐	☐	☐
80.77	86.87	6.10	MST	5.26	86	Q052063	14-C02	Chip		☐	☐	☐
86.87	88.39	1.52	MST	1.52	100	Q052064	14-C02	Chip		☐	☐	☐
88.39	91.44	3.05	MST	2.29	75	K310203	14-010	Core		☐	☐	☐
91.44	94.49	3.05	MST	2.69	88	K310204	14-010	Core		☐	☐	☐
94.49	97.54	3.05	MST	3.02	99	K310205	14-010	Core		☐	☐	☐
97.54	100.58	3.04	MST	2.77	91	K310206	14-010	Core		☐	☐	☐
100.58	103.63	3.05	MST	2.89	95	K310207	14-010	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
103.63	106.68	3.05	MST	2.96	97	K310209	14-010	Core		☐	☐	☐
106.68	109.73	3.05	MST	3.00	98	K310210	14-010	Core		☐	☐	☐
109.73	115.82	6.09	MST	5.89	97	Q052065	14-C02	Chip		☐	☐	☐
115.82	121.92	6.10	MST	5.71	94	Q052066	14-C02	Chip		☐	☐	☐
121.92	128.02	6.10	MST	5.68	93	Q052067	14-C02	Chip		☐	☐	☐
128.02	134.11	6.09	MST	5.99	98	Q052068	14-C02	Chip		☐	☐	☐
134.11	140.21	6.10	MST	5.97	98	Q052069	14-C02	Chip		☐	☐	☐
140.21	146.30	6.09	MST	5.85	96	Q052070	14-C02	Chip		☐	☐	☐
146.30	152.40	6.10	MST	5.71	94	Q052071	14-C02	Chip		☐	☐	☐
152.40	158.50	6.10	MST	5.98	98	Q052072	14-C02	Chip		☐	☐	☐
158.50	164.59	6.09	MST	5.93	97	Q052073	14-C02	Chip		☐	☐	☐
164.59	169.16	4.57	MST	4.31	94	Q052074	14-C02	Chip		☐	☐	☐
169.16	172.55	3.39	MST	3.15	93	Q052075	14-C02	Chip		☐	☐	☐
172.55	178.31	5.76	LST, MST	4.57	79	Q052076	14-C02	Chip		☐	☐	☐
178.31	184.40	6.09	LST	5.94	98	Q052077	14-C02	Chip		☐	☐	☐
184.40	190.50	6.10	LST	5.81	95	Q052078	14-C02	Chip		☐	☐	☐
190.50	196.60	6.10	LST	5.80	95	Q052079	14-C02	Chip		☐	☐	☐
196.60	202.69	6.09	LST	6.09	100	Q052080	14-C02	Chip		☐	☐	☐
202.69	205.00	2.31	LST	2.24	97	Q052081	14-C02	Chip		☐	☐	☐
205.00	207.86	2.86	LST	2.80	98	Q052082	14-C02	Chip		☐	☐	☐
207.86	213.36	5.50	MST, LST	5.34	97	Q052083	14-C02	Chip		☐	☐	☐
213.36	217.93	4.57	MST	4.23	93	Q052084	14-C02	Chip		☐	☐	☐
217.93	223.04	5.11	MST	5.11	100	Q052085	14-C02	Chip		☐	☐	☐
223.04	228.60	5.56	LST, MST	5.41	97	Q052086	14-C02	Chip		☐	☐	☐
228.60	234.70	6.10	LST	5.87	96	Q052087	14-C02	Chip		☐	☐	☐
234.70	240.79	6.09	LST	5.99	98	Q052088	14-C02	Chip		☐	☐	☐
240.79	246.89	6.10	LST	5.93	97	Q052089	14-C02	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
246.89	252.98	6.09	LST	5.90	97	Q052090	14-C02	Chip		☐	☐	☐
252.98	254.51	1.53	LST	1.53	100	Q052091	14-C02	Chip		☐	☐	☐
254.51	257.56	3.05	LST	3.00	98	K310211	14-011	Core		☐	☐	☐
257.56	260.60	3.04	LST	2.98	98	K310212	14-011	Core		☐	☐	☐
260.60	263.65	3.05	LST	2.97	97	K310213	14-011	Core		☐	☐	☐
263.65	266.70	3.05	LST	2.94	96	K310214	14-011	Core		☐	☐	☐
266.70	269.75	3.05	DST	2.91	95	K310215	14-011	Core		☐	☐	☐
269.75	272.80	3.05	DST	3.05	100	K310217	14-011	Core		☐	☐	☐
272.80	275.84	3.04	DST	3.01	99	K310218	14-011	Core		☐	☐	☐
275.84	278.89	3.05	DST	2.98	98	K310219	14-011	Core		☐	☐	☐
278.89	281.66	2.77	DST	2.52	91	K310220	14-011	Core		☐	☐	☐
281.66	283.46	1.80	DST, LST	1.55	86	K310221	14-011	Core		☐	☐	☐
283.46	284.99	1.53	LST	1.49	97	K310222	14-011	Core		☐	☐	☐
284.99	288.04	3.05	LST	2.82	92	K310223	14-011	Core		☐	☐	☐
284.99	288.04	3.05	LST	2.82	92	K310224	14-011	Core		☐	☑	☐
288.04	291.08	3.04	LST	3.04	100	K310225	14-011	Core		☐	☐	☐
291.08	293.74	2.66	LST	2.31	87	K310226	14-011	Core		☐	☐	☐
293.74	295.95	2.21	LST	2.07	94	K310227	14-011	Core		☐	☐	☐
295.95	298.70	2.75	LST	2.59	94	K310229	14-011	Core		☐	☐	☐
298.70	301.75	3.05	LST	3.01	99	K310230	14-011	Core		☐	☐	☐
301.75	304.80	3.05	LST	3.04	100	K310231	14-011	Core		☐	☐	☐
304.80	307.85	3.05	LST	2.89	95	K310233	14-011	Core		☐	☐	☐
307.85	310.90	3.05	LST	2.98	98	K310234	14-011	Core		☐	☐	☐
310.90	313.94	3.04	LST	2.94	97	K310235	14-011	Core		☐	☐	☐
313.94	316.99	3.05	LST	2.92	96	K310236	14-011	Core		☐	☐	☐
316.99	320.04	3.05	LST	2.79	91	K310237	14-011	Core		☐	☐	☐
320.04	323.09	3.05	LST	2.90	95	K310238	14-011	Core		☐	☐	☐
323.09	326.14	3.05	LST	2.89	95	K310239	14-011	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
323.09	326.14	3.05	LST	2.89	95	K310240	14-011	Core		☐	☐	☑
326.14	329.18	3.04	LST	3.00	99	K310241	14-011	Core		☐	☐	☐
329.18	332.23	3.05	LST	2.87	94	K310242	14-011	Core		☐	☐	☐
332.23	335.28	3.05	LST	2.95	97	K310243	14-011	Core		☐	☐	☐
335.28	338.33	3.05	LST	3.05	100	K310244	14-011	Core		☐	☐	☐
338.33	341.38	3.05	LST	2.85	93	K310246	14-011	Core		☐	☐	☐
341.38	344.42	3.04	LST	2.85	94	K310247	14-012			☐	☐	☐
344.42	347.47	3.05	LST	3.03	99	K310248	14-012			☐	☐	☐
347.47	350.52	3.05	LST	2.98	98	K310249	14-012			☐	☐	☐
350.52	353.57	3.05	LST	3.05	100	K310251	14-012			☐	☐	☐
353.57	356.62	3.05	LST	2.86	94	K310252	14-012			☐	☐	☐
356.62	359.66	3.04	LST	2.87	94	K310253	14-012			☐	☐	☐
359.66	362.71	3.05	LST	2.91	95	K310254	14-012			☐	☐	☐
362.71	365.76	3.05	LST	2.87	94	K310255	14-012			☐	☐	☐
365.76	368.81	3.05	LST	3.05	100	K310257	14-012			☐	☐	☐
368.81	371.86	3.05	LST	2.93	96	K310258	14-012			☐	☐	☐
371.86	374.90	3.04	LST	3.04	100	K310259	14-012			☐	☐	☐
374.90	377.95	3.05	LST	2.97	97	K310260	14-012			☐	☐	☐
377.95	381.00	3.05	LST	2.97	97	K310261	14-012			☐	☐	☐
381.00	384.05	3.05	LST	3.00	98	K310262	14-012			☐	☐	☐
384.05	387.49	3.44	LST	3.42	99	K310263	14-012			☐	☐	☐
384.05	387.49	3.44	LST	3.42	99	K310264	14-012			☐	☑	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		630451	7112255	1402.49	701.04

ZONE: Conrad

SECTION: C450E

HOLE: OS -14-227

CLAIM:

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth:

Drilling Dates: Aug 02 - Aug 11, 2014

Geology Logged By: N. Kovacs

SURVEY			
Depth (m)	Azimuth	Dip	Method
34.44	279.45	-80.2	Reflex
701.04	28.25	-83	Reflex

TARGET: Contact zone between C-SLC and C-LST1 on South Conr

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	6.1	6.1	OVB
6.1	19.47	13.37	SHL
19.47	28.96	9.49	DST
28.96	435.47	406.51	SLT
435.47	701.04	265.57	LST

SAMPLES	
Numbers:	K310408 to K310644, Q052092 to Q052121
Total:	268
Batch:	016, 017, 018, 019, 020, 021, 022, 023, C03
Certificates:	WH14120280, WH14120281, WH14120282, WH14120949, WH14121787, WH14121788, WH14121789, WH14121940, WH14123923

COMMENTS

Hole targetted lower zone mineralization at SLC/LST contact, designed to extend mineralization south of Hole OS-12-149. Hole intersected broad zone of minealization just below contact, with a narrow zone of mineralization in SLC as well. Hole shutdown after staying in barren C-LST1 for ~75 metres

OS -14-227

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	6.10	6.10	OVB	--	Casing - overburden - no recovery							
						--	--	---	---	--	--	0
6.10	19.47	13.37	SHL	FG	Black siltstone / shale that is centementrically bedded with 10% of the beds moderately oxidized to an orange brown colour. The upper 13 m of the hole is strongly weathered to soft rubbly material. Some fractures show a weak concentration of a creamy yellow oxide.							
						DK	BK	BD	OXI	2I	--	0
19.47	28.96	9.49	DST	FG	Moderately crackled fine grained dolostone with moderately to strongly weathered section turning to clay rich rubble. In general the dolostone has a oxidized texture throughout in filled with black (dol?). The dolostone is significantly more broken up than the units surrounding it. Rare irregular quartz dolomite veinlets up to 1 cm thick but occurring in rubble fragments.							
						MD	CR	CR	OXI	2I	Qz	0.01
28.96	435.47	406.51	SLT	FG	Fine grained, medium grey often argillic altered siltstone interbedded with coarser grained sandstone with dissaminated pyrite in matrix. From 289.32 m to 316.99 m medium grained, light grey sandstone is dominant with trace pyrite in matrix. From 359.66 m a gradattional contact defines siltstone interbedded with quartz pebbled, dark matrixed sandstone, which dominant to 400.97 m with increased zones grey gouge.							
						LT	GY	BD	OXI	2I	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
435.47	701.04	265.57	LST	FG	Light grey, strongly calcite veined, silty limestone interbedded with darker grey siltstone with trace pyrite and 3-5 % realgar and orpiment mineralization. The interval from 454.15 m becomes strongly brecciated and realgar - orpiment mineralized (60-95 % realgar). The limestone becomes black coloured and strongly silicified from 461.97 m, with lesser (30-40%) realgar mineralization. A small interval of fine grained, brown coloured, slightly sheared and realgar (5 %) mineralized intermediate intrusive occurs from 468.82-470.90 m. From 483.64 m strongly calcite veined, styolitic, light grey limestone is dominant with trace realgar (0.1 %) mineralization. Styolites are shallow angled (10 TCA) and often appaear with brecciated matrix.							
						DK	BK	RB			Om	60
						LT	GY	BX	ASO	3I	Re	60

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	0.00	0.00	-?-	--	Casing - no recovery							
						--	--	---	---	--	--	0
6.10	13.00	6.90	SHL	FG	Strongly weathered black siltstone / shale with moderate concentration of oxidation on fractures and within 10% of the beds.							
						DK	BK	BD	OXI	3I	--	0
								RB				
13.00	18.00	5.00	SHL	FG	Moderately oxidized black bedded siltstone / shale with 25% of fractured surfaces showing a fair concentration of cream yellow oxide.							
						DK	BK	BD	OXI	2I	--	0
								RB				
18.00	19.47	1.47	SHL	FG	Interbedded transition into variably coloured bedded siltstone. Beds are cm-scale and transition to light blue grey colour to medium to dark grey black. Oxidation in general is fairly weakly and generally on fractured surfaces.							
						MD	GY	BD	OXI	1I	--	0
						LT	GY					
19.47	28.96	9.49	DST	FG	rubble oxidized dolostone with black crackle texture (infilled by dol?). Very occasional dol/qz irregular vein fragments occur within the rubble.							
						MD	CR	RB	OXI	2I	Qz	0.01
								CR				
28.96	40.00	11.04	SLT	FG	Fine grained bedded siltstone with a coarse grained sandstone interval from 33.15-34.00 m. The sandstone interval shows moderate FeOx particularly where the core is more highly broken while the fine grained siltstone only shows very weak yellowish orange oxidation partially coating fracture surfaces. Overall the core within this interval is fairly broken up and rubbly with clay rich gougy sections within this is likely just a result of drilling down the hillside with strong surface weathering.							
						LT	GY	RB	---	--	--	0
								BD				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
40.00	56.05	16.05	SLT	FG	Dark to medium grey, fine to medium graded siltstone with mm-cm scale bedding very consistent at 45 deg TCA. Bedding is defined by slight change in grain size with the slightly coarser grained beds occurring less frequently and being mm-scale rather than the cm-scale of siltstone. Very rate discontinuous <1 cm milky white dolomite veinlets cut the unit.							
						MD	GY	BD	---	--	--	0
56.05	69.00	12.95	SLT	FG	begin to see weak argillic alteration along bedding planes core is generally still very competent with pitting visible along fracture and bedding planes. Bedding does not appear effected b strain.							
						MD	GY	BD	---	--	--	0
69.00	83.82	14.82	SLT	MG	Increase in the concentration of medium to coarse grained sandstrone beds showing evidence of soft sediment deformation core is now 40% sandstone, 60% siltstone. Also increase in concentration of discontinuous dolomite/quartz veinlets 1-5 mm thick. Concentration average is 1-3 /m. Very fine grained pyrite occurs as disseminations and clots up to 1 cm in diameter predominately in the siltstone interbeds.							
						MD	GY	BD	ARG	2I	Py	0.01
83.82	92.45	8.63	CGL	--	Polylithic gravel to pebble conglomerate with a fine grained black muddy matrix (maximum 5%). Pebble and gravel fragments are very well rounded with size variability from 1mm-1cm in diameter and very siliceous in composition with some chert fragments present. Upper contact is gradational/interbedded over ~1m lower contact is sharp at 40 deg TCA.							
						MD	GY	MA	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
92.45	133.71	41.26	SLT	FG	mm-cm scale pebbled siltstone with bedding defined by change from very fine grained black mud to fine grained light grey sandy-silt beds. Weak evidence of soft sediment deformation and some evidence of shearing from 92.45-102.90 m. Shearing is associated with the concentration of discontinuous, irregular, very thin dolomite+/- quartz veinlets. A second similar shear zones occur from 125.40 past the contact to 137.50 m.							
						LT	GY					
						DK	BK	---	---	--	--	0
133.71	156.00	22.29	SLT	MG	Transition into sandier siltstone with an increase in concentration of very fine grained pyrite disseminated throughout but particularily notiveable within the more sandy layers. 15% of the interval shows segments with gravel to pebble quartz +/- chery fragments. Particularily from 145.70-150.03 m.							
						MD	GY	BD	---	--	Py	0.5
156.00	168.17	12.17	SST	FG	Increase in the sandiness of the unit to almost entirely fine to medium grained sandstone with seams and cracks that show argilliic (?) alteration. Pitting of the siliceous rock increasing in intensity at 161.25 m where the core is nearly entirely rubbly with minor amounts of crystalline realgar on rubble fragments.							
						MD	GY	BD	ARG	2I	Py	0.1
											Re	0.01
168.17	220.36	52.19	SLT	FG	Transition back into bedded siltstone. Bedding is on the cm-scale and defined by differential grainsize and colour (coarser grained sandy horizons are light grey while the muddy fine grained layers are dark grey to black). There are 0.5-1 m long highly fractured zones that occur throughout and account for ~10% of the entire interval. Very rare dolomite veinlets cut the siltstone but are only ~1mm thick, irregular in orientation and occur 0.25 per metre.							
						DK	GY	BD	---	--	Py	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
220.36	247.61	27.25	SLT	FG	Argillic alteration becomes moderate in concentration forming a crackle infill texture. This texture occurs particularly in the thinly bedded pyritic siltstone intervals that contain less sandy interbeds. Concentration of dolomite veinlets has also increased but they are very erratic and generally just appear to be filling brittle fractures.							
						MD	GY	BD	ARG	3I	Py	0.1
								CR				
247.61	248.41	0.80	SST	MG	Medium to fine grained, grey, non-calcareous sandstone.							
						DK	GY	BD	ARG	2I	Py	0.1
248.41	251.95	3.54	SST	MG	Light grey, medium grained sandstone with finer siltier beds and small quartz veinlets.							
						LT	GY	BD	---	--	Py	0.01
251.95	254.51	2.56	SLT	MG	Siltstone interbedded with coarser, rounded quartz grained sandstone.							
						MD	GY	BD	OXI	2I	Py	0.01
254.51	257.32	2.81	SST	FG	Fine grained, rubbly sandstone with small black veinlets.							
						MD	GY	RB	---	--	--	0
257.32	259.45	2.13	SLT	FG	Soft sediment deformed, bedded siltstone with coarse, quartz grained sandstone beds that vary between 5-7 cm width.							
						MD	GY	BD	---	--	Py	0.01
								SD				
259.45	277.07	17.62	SLT	FG	Bedded, dark siltstone with normal offset in beds. Pyrite occurs as large clasts within matrix. Locally fine quartz veinlets show brecciation within.							
						MD	GY	BD	---	--	Py	0.1
277.07	279.72	2.65	SLT	FG	Rubbly, medium grey siltstone. Gouge from 278.35 to 278.61 m.							
						MD	GY	RB	ARG	2I	Py	0.01
279.72	289.32	9.60	SST	MG	Fine grained siltstone interbedded with coarser grained sandstone. Gouge from 281.46-281.94 m. Pyrite occurs as small banded beds.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD	---	--	Py	0.1
						LT	GY	SD				
289.32	290.39	1.07	SST	MG	Short interval of light grey debris flow with medium grained matrix and flattened shale clasts.							
						LT	GY	DB	---	--	Py	0.01
290.39	292.20	1.81	SST	CG	Coarse grained, gritty sandstone with some larger shale clasts occuring locally (1-2 cm).							
						MD	GY	MA	---	--	Py	0.01
292.20	293.86	1.66	SST	MG	Medium grained, grey, quartz grained sandstone.							
						MD	GY	MA	---	--	--	0
293.86	294.71	0.85	SST	MG	Medium grained, rubbly sandstone, locally soft sediment deformed with siltstone clasts.							
						MD	GY	RB	---	--	Py	0.01
								SD				
294.71	298.49	3.78	SST	FG	Fine grained sandstone, soft sediment deformed with siltstone clasts.							
						MD	GY	SD	---	--	Py	0.01
								RB				
298.49	303.84	5.35	SLT	FG	Soft sediment deformed, bedded siltstone interbedded with fine grained, light grey sandstone. Argillic alteration fills dissolution textures in matrix.							
						MD	GY	SD	ARG	1I	Py	0.01
								BD				
303.84	310.46	6.62	SLT	FG	Coarse grained sandstone with quartz grains, almost gritty, non-calcareous matrix and small black veinlets.							
						MD	GY	MA	OXI	2I	Py	0
310.46	315.10	4.64	SLT	FG	Black siltstone interbedded with fine grained , light brown sandstone.							
						MD	GY	BD	OXI	1I	Py	0
315.10	316.99	1.89	SST	FG	Light brown sandstone, brecciated and small quartz veined.							
						LT	BN	CR				
						LT	GY	BX	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
316.99	326.04	9.05	SLT	FG	Fine grained dark siltstone with large pyrite clasts abd small quartz veinlets. Quartz veinlets show internal brecciation.							
						DK	GY	BD	OXI	1I	Py	1
326.04	327.12	1.08	SST	MG	Small interval of quartz pebbled sandstone interbedded with siltstone. Pyrite occurs as thin beds parallel to bedding.							
						MD	GY	MA	---	--	Py	0.1
327.12	331.96	4.84	SLT	FG	Well-bedded siltstone with fine grained pyrite along bedding.							
						DK	GY	BD	---	--	Py	1
331.96	335.62	3.66	SLT	FG	Rubbly interval, pyrite occurs as 2 cm thin beds, locally 15 cm wide sandstone interbeds. The end of the interval is gouge along fractures from 335.28-335.62 m.							
						DK	GY	RB	---	--	--	0
335.62	344.56	8.94	SLT	FG	Dark grey siltstone, increase in quartz veining. Quartz veins show brecciation and have dissaminated pyrite within.							
						DK	GY	BD	---	--	Py	1
344.56	346.98	2.42	SLT	FG	Competent interval, dark grey siltstone with small quartz veinlets, decrease in quartz since previous interval.							
						DK	GY	BD	---	--	Py	0.1
346.98	348.18	1.20	SLT	FG	The majority of the interval is gouge. Towards the end, the interval becomes quartz veined sandstone.							
						DK	GY	RB	OXI	1I	--	0
348.18	350.90	2.72	SLT	FG	Dark grey, mainly gouge, with more competent siltstone towards the end of the interval.							
						DK	GY	RB	---	--	--	0
350.90	359.66	8.76	SLT	FG	Interbedded siltstone with lighter grey, small, black veined sandstone. Realgar occurs in quartz veins.							
						DK	GY	BD	---	--	Re	0.01
											Py	0.1
359.66	361.93	2.27	SLT	FG	Siltstone interbedded with quartz veined sandstone.							
						DK	GY	BD	---	--	Py	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
361.93	371.22	9.29	SLT	FG	Siltstone interbedded with quartz pebbled sandstone, matrix supported. Matrix is dark grey coloured, very fine grained. Interbeds range from 50-60 cm, siltstone dominated.							
						DK	GY	BD	---	--	Om	0.1
											Re	0.1
371.22	372.14	0.92	SST	MG	Quartz pebbled sandstone with realgar and orpiment dissaminated in fractures.							
						DK	GY	---	---	--	--	0
372.14	375.63	3.49	SST	MG	Sandstone with large quartz pebbles interbedded with siltstone. Small quartz veinlets show shearing.							
						DK	GY	BD	---	--	Py	0.1
								SH				
375.63	378.12	2.49	SLT	FG	Sandstone interbedded with siltstone. Interbeds vary between 5-10 cm							
						DK	GY	BD	---	--	Py	0.1
378.12	380.15	2.03	SLT	FG	Siltstone interbedded with quartz pebble sandstone.							
						DK	GY	MA	OXI	1I	--	0
380.15	384.84	4.69	SLT	FG	Siltstone interbedded with light grey, fine grained sandstone occuring as irregular 5-10 cm beds.							
						LT	GY					
						DK	GY	BD	OXI	2I	Py	0.1
384.84	387.74	2.90	SLT	FG	Siltstone interbedded with with quartz grained sandstone.							
						DK	GY	BD	OXI	2I	Py	0.1
387.74	390.64	2.90	SLT	FG	Mainly dark grey gouge.							
						DK	GY	RB	---	--	Py	0.01
390.64	400.97	10.33	SLT	FG	Siltstone interbedded with quartz grained sandstone, few quartz veinlets cross-cut matrix. The interval is more siltstone dominated.							
						DK	GY	RB	---	--	--	0
400.97	402.34	1.37	SST	MG	Gouged interval of quartz grained sandstone.							
						MD	GY	RB	OXI	1I	--	0
402.34	404.75	2.41	SLT	FG	Gouged interval of siltstone.							
						DK	GY	RB	---	--	--	0
404.75	408.22	3.47	SLT	FG	Soft sediment deformed siltstone showing shearing along the clasts.Clasts are light grey sandstone.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	SH				
						DK	GY	SD	---	--	Py	1
								BX				
408.22	408.89	0.67	SST	FG	Vuggy, light grey, fine grained, brecciated sandstone.							
						LT	GY	VU	---	--	--	0
								BX				
408.89	413.26	4.37	SLT	FG	Dark grey siltstone interbedded with quartz pebbled sandstone. Locally gouged intervals.							
						DK	GY	BX	OXI	1I	--	0
								RB				
413.26	415.30	2.04	SLT	FG	Sheared siltstone with quartz veins, locally interbedded with quartz pebbled sandstone.							
						DK	GY	SH	---	--	Py	1
415.30	416.67	1.37	SST	MG	Quartz grained sandstone. Realgar occurs dissaminated in matrix.							
						DK	GY	RB	ASO	2I	Py	1
											Re	1
											Om	1
416.67	422.34	5.67	SLT	FG	Siltstone with small interbeds of quartz grained sandstone, locally gouge intervals.							
						DK	GY	BD	OXI	1I	Py	1
422.34	423.07	0.73	SLT	FG	Brecciated, quartz veined, slightly soft sediment deformed siltstone. Clasts are coarse grained sandstone. Calcite content increased since last interval, small clacite stringers appaer across matrix.							
						DK	GY	BX	---	--	--	0
423.07	425.29	2.22	SLT	FG	Black siltstone with realgar, calcite and orpiment on fractured surface. From 423.67 m, the interval become more quartz pebbled sandstone dominated.							
						DK	GY	RB	OXI	1I	Re	0.1
											Om	0.1
425.29	426.94	1.65	SLT	FG	Rubbly siltstone with realgar and orpiment mineralization in matrix. Calcite content increased since last interval. Locally strongly calcareous matrix.							
						DK	GY	RB	OXI	1I	Re	1
									ASO	3I	Om	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
426.94	434.12	7.18	SLT	FG	Black to dark grey siltstone with thin irregular limestone beds, few calcite veinlets. Towards the end of the interval, green grey, fine grained siltstone.							
						DK	GY	SH	OXI	1I	Py	0.1
434.12	435.47	1.35	SLT	FG	Fine grained siltstone with realgar occuring as irregular clasts and as small stringers replacing calcite. Few calcite veins cross-cut the matrix.							
						LT	GY	BD	ASO	2I	Re	3
											Py	0.1
435.47	437.16	1.69	LST	FG	Light grey, calcite veined, silty limestone interbedded with darker, calcareous silty beds.							
						LT	GY	BD	---	--	--	0
437.16	438.52	1.36	LST	FG	Light grey, silty limestone interbedded with less calcite veined siltstone. Dissaminated realgar occurs in the matrix. Pyrite occurs as thin beds parallel to bedding.							
						MD	GY	BD	ASO	2I	Re	5
											Py	1
438.52	447.44	8.92	LST	FG	Silty, light grey limestone with thin darker silty beds. Calcite veins occur in blebs. Pyrite occurs in thin beds and in small clasts.							
						LT	GY	BD	---	--	Py	1
447.44	452.80	5.36	LST	MG	Light grey limestone brecciated with large, irregular 7-10 cm calcite veinlets. Locally vuggy, the end of the interval is less brecciated.							
						LT	GY	BX	---	--	--	0
452.80	454.15	1.35	LST	FG	Light grey limestone with coarser grained intervals. Realgar occurs at the beginning and at the end of the interval in brecciated matrix.							
						LT	GY	BD	ASO	3I	Re	5
454.15	456.70	2.55	LST	FG	Brecciated limestone with dark grey matrix.Dissaminated realgar occurs in matrix, locally completely replacing matrix.							
						DK	GY	BX	ASO	4I	Re	60
								MA				
456.70	458.13	1.43	LST	FG	The interval is completely replaced by realgar and orpiment locally showing brecciated texture.							
						MD	RD	MA	ASO	5I	Re	95
						MD	YW	BX				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
458.13	461.97	3.84	LST	FG	Brecciated grey, calcite veined limestone. Realgar occurs as small veinlets between matrix or as massive dissaminated mineralization.							
						MD	BK					
						LT	GY	BX	ASO	4I	Re	45
461.97	464.65	2.68	LST	FG	Black, silicified, limestone, brecciated. Realgar replaces matrix and occurs in small clasts or small stringers replacing calcite.							
						DK	BK	BX	ASO	3I	Re	40
								MA				
464.65	468.82	4.17	LST	FG	Dark, black, silicified limestone. Realgar locally replaces calcite veinlets. Realgar replaces matrix and occurs in small clasts or small stringers replacing calcite.							
						DK	BK	BX	ASO	2I	Re	30
								MA				
468.82	470.90	2.08	INT	FG	Small intermediate intrusive, light brown to grey coloured, fine grained. Realgar occurs in small veinlets showing large subhedral crystals. Light grey to green fluorite crystals are abundant.							
						LT	GY	SH	ASO	2I	Re	5
						LT	BN					
470.90	473.94	3.04	LST	FG	Brecciated, calcite veined limestone. Realgar completely replaces the matrix.							
						LT	GY	BX	ASO	4I	Re	80
						LT	RD					
473.94	476.44	2.50	LST	FG	Brecciated limestone with large calcite veins. Realgar occurs in small veinlets.							
						LT	GY	BX	ASO	3I	Re	25
						DK	BK					
476.44	478.45	2.01	LST	FG	Black, silicified limestone with vuggy texture, calcite veined with brecciated matrix. Realgar occurs between clasts in small stringers showing replacement of calcite.							
						DK	BK	VU	ASO	3I	Re	20
								BX				
478.45	479.65	1.20	LST	FG	Brecciated limestone with large subrounded limestone clasts. Realgar occurs in matrix.							
						MD	GY	BX	ASO	4I	Re	30

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
479.65	483.64	3.99	LST	FG	Dark, black, silicified limestone with realgar stringers between clasts.							
						DK	GY	BX	ASO	2I	Re	20
483.64	488.63	4.99	LST	FG	Light grey, strongly calcite veined, locally styolitic limestone. Calcite veins are between 1-5 cm showing conjugate shear pairs. Realgar occurs in sall crystals replacing calcite.							
						LT	GY	MA	---	--	Re	0.1
488.63	490.73	2.10	LST	FG	Light grey, strongly calcite veined limestone with realgar occuring in calcite veins or as large realgar crystals in reprecipitated calcite.							
						LT	GY	MA	ASO	1I	Re	2
											Om	0.01
490.73	506.40	15.67	LST	FG	Light grey limestone with small styolites, calcite veined interbedded with coarser grained limestone beds.							
						LT	GY	BD	---	--	--	0
506.40	527.21	20.81	LST	FG	Light grey, strongly veined limestone, calcite veins are vuggy.							
						LT	GY	VU	---	--	--	0
527.21	530.98	3.77	LST	FG	Dark, crumbly limestone intervcal with black clay in fractures.							
						DK	BK	RB	---	--	--	0
530.98	549.44	18.46	LST	FG	Light grey strongly veined limestone with few styolites and carbonaceous matrix. Calcite veins are vuggy and show reprecipiated calcite crystals. The end of the interval is more massive limestone, less veined, medium grained from 544.95 m.							
						LT	GY	MA	OXI	1I	--	0
549.44	558.85	9.41	LST	FG	Light grey limestone. Calcite content increased. Calcite veins are irregular							
						LT	GY	---	---	--	--	0
558.85	562.83	3.98	LST	FG	Light grey limestone with medium grains, less calcite veined and often shows beef tooth calcite. Few larger styolites cross-cut the matrix.							
						LT	GY	---	---	--	--	0
562.83	569.98	7.15	LST	FG	Light grey medium grained limestone, styolitic, carbonaceous on the fractured surface.							
						MD	GY	RB	OXI	1I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
569.98	575.47	5.49	LST	FG	Dark to medium grained limestone, more styolitic and small calcite veined. Beef tooth calcite veins are common and reprecipitated calcite appaears on the fractured surface.							
						MD	GY	---	---	--	--	0
575.47	578.63	3.16	LST	FG	Strongly sytolitic limestone with calcite veins and vuggy intervals.							
						MD	GY	RB	ASO	1I	Re	1
								VU				
578.63	582.17	3.54	LST	FG	Grey limestone, calcite content increased since last interval. Calcite intervals are between 10-15 cm . Realgar occurs in blebs and in spots in matrix. Styolitic with realgar occuring in styolites. Matrix is brecciated.							
						MD	GY	BX	ASO	2I	Re	5
								RB				
582.17	586.46	4.29	LST	FG	Medium grained, styolitic limestone with brecciated matrix. Vuggy calcite veins are 20-50 cm wide. Dissaminated realgar occurs in blebs and in calcite veins. From 585.22 to 586.15 m the interval is strongly sheared with brecciated clasts showing shearing texture.							
						DK	GY	SH	ASO	3I	Re	20
								BX				
586.46	588.97	2.51	LST	FG	Mainly calcite dominated interval with few crumbly black coloured, calcareous intervals. Realgar occurs in small blebs in calcite.							
						LT	GY	BX	ASO	2I	Re	5
											Om	2
588.97	593.50	4.53	LST	FG	Calcite with slight oxidation on the fractured surfaced.							
						LT	WH	MA	OXI	1I	Re	1
											Om	1
593.50	595.98	2.48	LST	FG	Strongly calcite veined, styolitic limestone. Dissaminated realgar occurs in the matrix.							
						LT	GY	BX	ASO	3I	Re	5
											Om	5
595.98	611.29	15.31	LST	FG	Black, crumbly, carbonaceous, incompetent interval with few calcite veins in matrix. Pyrite occurs in blebs.							
						DK	BK	RB	---	--	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
611.29	613.98	2.69	LST	FG	Light grey, strongly veined, styolitic (mm to cm) limestone.							
						MD	GY	RB	---	--	--	0
613.98	616.42	2.44	LST	FG	Strongly styolitic, rubbly, calcite rich interval with dissaminated realgar mineralization from 615.52-615.85 m.							
						MD	GY	RB	ASO	3I	Re	3
											Om	3
616.42	625.54	9.12	LST	FG	Light grey limestone, strongly styolitic and calcite veined. Locally less veined intervals vary between 50-60 cm.							
						MD	GY	MA	---	--	--	0
625.54	634.99	9.45	LST	FG	Light grey, strongly calcite veined, styolitic limestone interbedded with black, fine grained,locally gouged limestone. Pyrite occurs along styolites.							
						MD	GY					
						DK	GY	BD	---	--	Py	1
634.99	652.56	17.57	LST	FG	Light grey, calcite veined, styolitic limestone interbedded with fine grained, dark grey limestone. Dissaminated pyrite occurs in the matriz in the darker grey limestone intervals.							
						MD	GY					
						DK	GY	BD	---	--	Py	0.1
652.56	661.44	8.88	LST	MG	Darker grey, less calcite veined, medium grained, less styolitic limestone.							
						DK	GY	MA	---	--	--	0
661.44	677.31	15.87	LST	FG	Bedded, medium grained, calcite veined (5- 7 cm) limestone, locally showing beef calcite veins.							
						MD	GY	BD	---	--	Py	0.1
677.31	682.32	5.01	LST	FG	Calcite veined, styolitic limestone.							
						MD	GY	MA	---	--	Py	0.1
682.32	685.80	3.48	LST	FG	Styolitic, calcite veined limestone. Calcite veins are more regular in comparison to previous interval.							
						MD	GY	MA	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
685.80	693.11	7.31	LST	MG	Medium grained, styolitic, beef calcite veined limestone interbedded with darker grey, siltier, thin limestone beds.							
						MD	GY					
						LT	GY	BD	---	--	--	0
693.11	694.71	1.60	LST	FG	Fine grained limestone interbedded with thin dark grey beds and coarser grained 5 cm thick limestone beds.							
						LT	GY	BD	---	--	--	0
694.71	695.96	1.25	LST	FG	Calcite veined, styolitic limestone.							
						LT	GY	MA	---	--	--	0
695.96	701.04	5.08	LST	FG	Calcite veined, styolitic limestone with larger, irregular calcite veins.							
						LT	GY	MA	---	--	--	0

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From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	6.10	6.10	0	0	0.00	0	0R	--	--	OVB
6.10	7.62	1.52	0.98	64	0.26	17	0R	1H	4W	
7.62	9.14	1.52	1.03	68	0.00	0	0R	1H	4W	
9.14	10.67	1.53	1.44	94	0.00	0	0R	1H	4W	
10.67	12.19	1.52	1.52	100	0.24	16	0R	1H	4W	
12.19	13.72	1.53	1.36	89	0.11	7	0R	2H	3W	
13.72	15.24	1.52	1.31	86	0.00	0	0R	1H	3W	
15.24	16.76	1.52	0.97	64	0.00	0	0R	1H	3W	
16.76	18.29	1.53	1.53	100	0.11	7	0R	2H	3W	
18.29	19.81	1.52	1.5	99	0.00	0	0R	1H	3W	
19.81	21.34	1.53	1.28	84	0.00	0	0R	1H	3W	
21.34	22.86	1.52	1.1	72	0.00	0	0R	2H	3W	
22.86	24.38	1.52	1.01	66	0.00	0	2R	3H	2W	
24.38	25.91	1.53	0.15	10	0.00	0	0R	2H	2W	
25.91	27.43	1.52	1.25	82	0.00	0	0R	2H	3W	
27.43	28.96	1.53	1.53	100	0.00	0	1R	2H	3W	
28.96	30.48	1.52	1.39	91	0.00	0	0R	2H	3W	
30.48	32.00	1.52	0.88	58	0.00	0	0R	3H	2W	
32.00	33.53	1.53	1.09	71	0.00	0	0R	2H	3W	
33.53	35.05	1.52	1.22	80	0.00	0	0R	2H	3W	
35.05	36.58	1.53	0.49	32	0.00	0	0R	1H	1W	
36.58	38.10	1.52	0.77	51	0.28	18	0R	2H	1W	
38.10	39.62	1.52	1.17	77	0.00	0	0R	2H	2W	
39.62	41.15	1.53	1.4	92	0.00	0	0R	3H	2W	
41.15	42.67	1.52	1.51	99	0.00	0	0R	3H	1W	
42.67	44.20	1.53	1.53	100	0.67	44	0R	3H	1W	
44.20	45.72	1.52	1.49	98	0.74	49	0R	3H	1W	
45.72	47.24	1.52	1.43	94	0.88	58	0R	3H	1W	
47.24	48.77	1.53	1.49	97	0.97	63	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
48.77	50.29	1.52	1.52	100	1.03	68	0R	3H	1W	
50.29	51.82	1.53	1.53	100	0.36	24	0R	3H	1W	
51.82	53.34	1.52	1.52	100	1.02	67	0R	3H	1W	
53.34	54.86	1.52	1.5	99	1.00	66	0R	3H	1W	
54.86	56.39	1.53	1.53	100	1.30	85	0R	3H	1W	
56.39	57.91	1.52	1.43	94	1.34	88	0R	3H	1W	
57.91	59.44	1.53	1.26	82	1.16	76	0R	2H	1W	
59.44	60.96	1.52	1.52	100	1.19	78	1R	2H	1W	
60.96	62.49	1.53	1.49	97	1.29	84	0R	3H	1W	
62.49	64.01	1.52	1.52	100	0.83	55	0R	3H	1W	
64.01	65.53	1.52	1.37	90	1.32	87	0R	3H	3W	
65.53	67.06	1.53	1.4	92	1.24	81	0R	3H	1W	
67.06	68.58	1.52	1.4	92	1.24	82	0R	3H	1W	
68.58	70.10	1.52	1.52	100	0.88	58	0R	3H	1W	
70.10	71.63	1.53	1.49	97	1.32	86	0R	3H	1W	
71.63	73.15	1.52	1.52	100	1.23	81	1R	3H	1W	
73.15	74.68	1.53	1.52	99	1.27	83	1R	3H	1W	
74.68	76.20	1.52	1.52	100	0.83	55	1R	2H	1W	
76.20	77.72	1.52	1.52	100	1.08	71	1R	2H	1W	
77.72	79.25	1.53	1.53	100	1.01	66	1R	2H	1W	
79.25	80.77	1.52	1.42	93	0.96	63	1R	2H	1W	
80.77	82.30	1.53	1.53	100	1.17	76	1R	3H	1W	
82.30	83.82	1.52	1.44	95	1.07	70	1R	3H	1W	
83.82	85.34	1.52	1.52	100	1.32	87	1R	4H	1W	
85.34	86.87	1.53	1.53	100	0.77	50	1R	4H	1W	
86.87	88.39	1.52	1.52	100	1.30	86	1R	3H	1W	
88.39	89.92	1.53	1.53	100	0.87	57	0R	4H	1W	
89.92	91.44	1.52	1.52	100	0.49	32	0R	3H	1W	
91.44	92.96	1.52	1.52	100	0.22	14	0R	4H	1W	
92.96	94.49	1.53	1.46	95	1.36	89	1R	2H	1W	
94.49	96.01	1.52	1.52	100	1.52	100	1R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
96.01	97.54	1.53	1.51	99	1.14	75	0R	3H	1W	
97.54	99.06	1.52	1.52	100	1.16	76	0R	3H	1W	
99.06	100.58	1.52	1.52	100	1.13	74	1R	2H	1W	
100.58	102.11	1.53	1.53	100	1.34	88	0R	3H	1W	
102.11	103.63	1.52	1.51	99	1.23	81	0R	3H	1W	
103.63	105.16	1.53	1.53	100	0.97	63	1R	3H	1W	
105.16	106.68	1.52	1.5	99	0.41	27	1R	3H	1W	
106.68	108.20	1.52	1.4	92	0.46	30	0R	3H	1W	
108.20	109.73	1.53	1.46	95	0.79	52	0R	3H	1W	
109.73	111.25	1.52	1.52	100	0.71	47	0R	3H	1W	
111.25	112.78	1.53	1.53	100	1.47	96	0R	3H	1W	
112.78	114.30	1.52	1.52	100	1.21	80	0R	3H	1W	
114.30	115.82	1.52	1.49	98	1.21	80	0R	3H	1W	
115.82	117.35	1.53	1.42	93	1.42	93	0R	3H	1W	
117.35	118.87	1.52	1.52	100	1.45	95	0R	2H	1W	
118.87	120.40	1.53	1.53	100	1.24	81	0R	2H	1W	
120.40	121.92	1.52	1.28	84	0.42	28	0R	3H	1W	
121.92	123.44	1.52	1.46	96	0.77	51	0R	4H	1W	
123.44	124.97	1.53	1.53	100	1.36	89	0R	3H	1W	
124.97	126.49	1.52	1.52	100	1.35	89	0R	2H	1W	
126.49	128.02	1.53	1.53	100	1.13	74	0R	2H	1W	
128.02	129.54	1.52	1.52	100	1.46	96	0R	3H	1W	
129.54	131.06	1.52	1.47	97	1.15	76	0R	3H	1W	
131.06	132.59	1.53	1.46	95	1.23	80	0R	3H	1W	
132.59	134.11	1.52	1.52	100	1.30	86	0R	3H	1W	
134.11	135.64	1.53	1.53	100	1.14	75	1R	3H	1W	
135.64	137.16	1.52	1.49	98	1.03	68	0R	2H	1W	
137.16	138.68	1.52	1.52	100	1.18	78	0R	3H	1W	
138.68	140.21	1.53	1.53	100	0.78	51	0R	3H	1W	
140.21	141.73	1.52	1.52	100	1.24	82	0R	3H	1W	
141.73	143.26	1.53	1.53	100	0.77	50	0R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
143.26	144.78	1.52	1.52	100	1.02	67	0R	4H	1W	
144.78	146.30	1.52	1.52	100	1.04	68	1R	3H	1W	
146.30	147.83	1.53	1.51	99	0.24	16	1R	3H	1W	
147.83	149.35	1.52	1.52	100	1.51	99	0R	3H	1W	
149.35	150.88	1.53	1.51	99	1.02	67	1R	3H	1W	
150.88	152.40	1.52	1.52	100	1.26	83	0R	3H	1W	
152.40	153.92	1.52	1.52	100	0.88	58	0R	3H	1W	
153.92	155.45	1.53	1.38	90	0.81	53	0R	3H	1W	
155.45	156.97	1.52	1.52	100	1.23	81	1R	3H	1W	
156.97	158.50	1.53	1.53	100	0.87	57	1R	2H	1W	
158.50	160.02	1.52	1.52	100	0.85	56	1R	4H	1W	
160.02	161.54	1.52	1.52	100	0.62	41	0R	3H	1W	
161.54	163.07	1.53	1.33	87	0.38	25	0R	3H	1W	
163.07	164.59	1.52	1.14	75	0.40	26	0R	2H	1W	
164.59	166.12	1.53	1.28	84	0.26	17	0R	2H	1W	
166.12	167.64	1.52	1.52	100	0.84	55	0R	2H	1W	
167.64	169.16	1.52	1.47	97	0.99	65	0R	4H	1W	
169.16	170.69	1.53	1.45	95	1.00	65	0R	2H	1W	
170.69	172.21	1.52	1.52	100	1.16	76	0R	3H	1W	
172.21	173.74	1.53	1.4	92	0.80	52	0R	3H	1W	
173.74	175.26	1.52	1.52	100	0.79	52	0R	3H	1W	
175.26	176.78	1.52	1.52	100	1.19	78	0R	4H	1W	
176.78	178.31	1.53	1.53	100	1.53	100	0R	4H	1W	
178.31	179.83	1.52	1.47	97	1.37	90	0R	4H	1W	
179.83	181.36	1.53	1.53	100	1.53	100	0R	3H	1W	
181.36	182.88	1.52	1.52	100	1.52	100	0R	4H	1W	
182.88	184.40	1.52	1.52	100	1.45	95	0R	3H	1W	
184.40	185.93	1.53	1.41	92	0.93	61	0R	3H	1W	
185.93	187.45	1.52	1.52	100	0.91	60	0R	3H	1W	
187.45	188.98	1.53	1.51	99	1.28	84	0R	3H	1W	
188.98	190.50	1.52	1.45	95	0.59	39	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
190.50	192.02	1.52	1.52	100	0.88	58	0R	2H	1W	
192.02	193.55	1.53	1.53	100	0.92	60	0R	2H	1W	
193.55	195.07	1.52	1.52	100	1.07	70	0R	3H	1W	
195.07	196.60	1.53	1.53	100	0.85	56	0R	3H	1W	
196.60	198.12	1.52	1.5	99	1.10	72	0R	3H	1W	
198.12	199.64	1.52	1.46	96	1.08	71	0R	3H	1W	
199.64	201.17	1.53	1.53	100	0.71	46	0R	3H	1W	
201.17	202.69	1.52	1.49	98	1.11	73	0R	3H	1W	
202.69	204.22	1.53	1.5	98	1.30	85	0R	3H	1W	
204.22	205.74	1.52	1.52	100	0.81	53	0R	3H	1W	
205.74	207.26	1.52	1.52	100	0.75	49	0R	3H	1W	
207.26	208.79	1.53	1.53	100	0.54	35	0R	3H	1W	
208.79	210.31	1.52	1.52	100	0.30	20	0R	3H	1W	
210.31	211.84	1.53	1.53	100	0.36	24	0R	3H	1W	
211.84	213.36	1.52	1.5	99	0.65	43	0R	3H	1W	
213.36	214.88	1.52	1.45	95	0.49	32	0R	3H	1W	
214.88	216.41	1.53	1.53	100	0.89	58	0R	3H	1W	
216.41	217.93	1.52	1.52	100	1.13	74	0R	3H	1W	
217.93	219.46	1.53	1.53	100	1.15	75	0R	3H	1W	
219.46	220.98	1.52	1.5	99	0.99	65	0R	3H	1W	
220.98	222.50	1.52	1.52	100	0.79	52	0R	2H	1W	
222.50	224.03	1.53	1.53	100	0.36	24	0R	2H	1W	
224.03	225.55	1.52	1.52	100	0.78	51	0R	3H	1W	
225.55	227.08	1.53	1.52	99	1.42	93	0R	3H	1W	
227.08	228.60	1.52	1.52	100	1.09	72	0R	2H	1W	
228.60	230.12	1.52	1.52	100	0.86	57	1R	3H	1W	
230.12	231.65	1.53	1.53	100	1.13	74	0R	3H	1W	
231.65	233.17	1.52	1.36	89	1.21	80	0R	3H	1W	
233.17	234.70	1.53	1.53	100	1.23	80	0R	2H	1W	
234.70	236.22	1.52	1.46	96	1.25	82	0R	3H	1W	
236.22	237.74	1.52	1.52	100	1.42	93	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
237.74	239.27	1.53	1.53	100	1.04	68	0R	3H	1W	
239.27	240.79	1.52	1.52	100	1.16	76	0R	3H	1W	
240.79	242.32	1.53	1.39	91	1.35	88	0R	3H	1W	
242.32	243.84	1.52	1.52	100	1.17	77	0R	3H	1W	
243.84	245.36	1.52	1.52	100	1.34	88	0R	3H	1W	
245.36	246.89	1.53	1.34	88	0.66	43	0R	3H	1W	
246.89	248.41	1.52	1.52	100	0.33	22	0R	3H	1W	
248.41	249.94	1.53	1.53	100	1.18	77	0R	3H	1W	
249.94	251.46	1.52	1.52	100	0.26	17	0R	4H	1W	
251.46	252.98	1.52	1.52	100	1.05	69	0R	3H	1W	
252.98	254.51	1.53	1.53	100	1.31	86	0R	3H	1W	
254.51	256.03	1.52	1.52	100	0.16	11	0R	2H	1W	
256.03	257.56	1.53	1.53	100	0.28	18	0R	3H	1W	
257.56	259.08	1.52	1.51	99	1.15	76	0R	3H	1W	
259.08	260.60	1.52	1.52	100	1.31	86	0R	3H	1W	
260.60	262.13	1.53	1.53	100	1.39	91	0R	3H	1W	
262.13	263.65	1.52	1.5	99	1.44	95	0R	3H	1W	
263.65	265.18	1.53	1.48	97	1.28	84	0R	3H	1W	
265.18	266.70	1.52	1.52	100	1.44	95	0R	3H	1W	
266.70	268.22	1.52	1.52	100	1.44	95	0R	3H	1W	
268.22	269.75	1.53	1.53	100	1.51	99	0R	3H	1W	
269.75	271.27	1.52	1.44	95	1.34	88	0R	3H	1W	
271.27	272.80	1.53	1.53	100	1.21	79	0R	3H	1W	
272.80	274.32	1.52	1.52	100	1.03	68	0R	3H	1W	
274.32	275.84	1.52	1.5	99	1.47	97	0R	3H	1W	
275.84	277.37	1.53	1.53	100	0.80	52	0R	3H	1W	
277.37	278.89	1.52	1.33	88	0.23	15	0R	2H	1W	
278.89	280.42	1.53	1.44	94	0.46	30	0R	3H	1W	
280.42	281.94	1.52	1.52	100	1.09	72	0R	2H	1W	
281.94	283.46	1.52	1.5	99	1.32	87	0R	3H	1W	
283.46	284.99	1.53	1.53	100	1.00	65	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
284.99	286.51	1.52	1.52	100	1.33	88	0R	3H	1W	
286.51	288.04	1.53	1.53	100	0.64	42	0R	3H	1W	
288.04	289.56	1.52	1.52	100	1.38	91	0R	4H	1W	
289.56	291.08	1.52	1.52	100	1.11	73	0R	4H	1W	
291.08	292.61	1.53	1.53	100	1.40	92	0R	4H	1W	
292.61	294.13	1.52	1.52	100	0.86	57	0R	4H	1W	
294.13	295.66	1.53	1.53	100	0.55	36	0R	3H	1W	
295.66	297.18	1.52	1.49	98	1.07	70	0R	4H	1W	
297.18	298.70	1.52	1.52	100	0.44	29	0R	4H	1W	
298.70	300.23	1.53	1.53	100	1.30	85	0R	3H	1W	
300.23	301.75	1.52	1.52	100	0.42	28	0R	3H	1W	
301.75	303.28	1.53	1.4	92	1.03	67	0R	3H	1W	
303.28	304.80	1.52	1.38	91	0.94	62	0R	3H	1W	
304.80	306.32	1.52	1.49	98	0.49	32	0R	4H	1W	
306.32	307.85	1.53	1.53	100	0.60	39	0R	4H	1W	
307.85	309.37	1.52	1.08	71	0.46	30	0R	4H	1W	
309.37	309.98	0.61	0.32	52	0.00	0	0R	3H	1W	2 ft run
309.98	313.03	3.05	3.02	99	1.32	43	0R	3H	1W	
313.03	316.08	3.05	3.03	99	1.63	53	0R	4H	1W	
316.08	316.94	0.86	0.86	100	0.76	88	0R	4H	1W	
316.94	320.04	3.10	2.97	96	2.69	87	0R	4H	1W	
320.04	323.09	3.05	2.88	94	2.33	76	0R	3H	1W	
323.09	326.14	3.05	2.96	97	2.77	91	0R	3H	1W	
326.14	329.18	3.04	2.86	94	1.49	49	0R	3H	1W	
329.18	332.23	3.05	3.05	100	1.99	65	0R	3H	1W	
332.23	335.28	3.05	3.05	100	1.16	38	0R	3H	1W	
335.28	338.33	3.05	2.96	97	1.85	61	0R	3H	1W	
338.33	341.38	3.05	3.05	100	2.25	74	0R	3H	1W	
341.38	344.42	3.04	2.9	95	2.73	90	0R	4H	1W	
344.42	347.47	3.05	3.05	100	2.36	77	0R	3H	1W	
347.47	350.52	3.05	3.05	100	2.36	77	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
350.52	353.57	3.05	2.83	93	1.27	42	1R	3H	1W	two sets of joints, facing other direction
353.57	356.62	3.05	2.83	93	2.03	67	1R	3H	1W	
356.62	359.66	3.04	3	99	0.93	31	1R	3H	1W	
359.66	362.71	3.05	3.05	100	1.46	48	0R	3H	1W	
362.71	365.76	3.05	3.05	100	2.44	80	0R	4H	1W	
365.76	368.81	3.05	3	98	2.44	80	0R	4H	1W	
368.81	371.86	3.05	3	98	2.66	87	0R	4H	1W	
371.86	374.90	3.04	2.03	67	2.03	67	0R	3H	1W	
374.90	377.95	3.05	3.02	99	2.92	96	0R	4H	1W	
377.95	381.00	3.05	3.05	100	2.60	85	0R	3H	1W	
381.00	384.03	3.03	3.03	100	2.71	89	1R	4H	1W	
384.03	387.10	3.07	3	98	2.33	76	0R	4H	1W	
387.10	390.14	3.04	3	99	1.82	60	0R	3H	1W	
390.14	393.19	3.05	3.05	100	2.39	78	0R	4H	1W	
393.19	396.24	3.05	3.05	100	2.57	84	0R	3H	1W	
396.24	399.29	3.05	2.95	97	2.30	75	0R	3H	1W	
399.29	402.34	3.05	3.02	99	2.08	68	0R	3H	1W	
402.34	405.38	3.04	2.9	95	1.46	48	0R	2H	1W	
405.38	408.43	3.05	2.95	97	1.93	63	0R	4H	1W	
408.43	411.48	3.05	2.9	95	2.06	68	0R	3H	1W	
411.48	414.53	3.05	2.69	88	1.33	44	0R	3H	1W	
414.53	417.58	3.05	2.97	97	2.14	70	1R	3H	1W	
417.58	420.62	3.04	2.93	96	2.40	79	0R	3H	1W	
420.62	423.67	3.05	3	98	1.70	56	0R	3H	1W	
423.67	426.72	3.05	2.8	92	1.44	47	1R	3H	1W	
426.72	429.77	3.05	3	98	1.71	56	1R	3H	1W	
429.77	432.82	3.05	3	98	1.81	59	2R	3H	1W	
432.82	435.86	3.04	2.92	96	1.50	49	2R	3H	1W	
435.86	438.91	3.05	2.8	92	1.43	47	3R	3H	1W	
438.91	441.96	3.05	3.05	100	2.00	66	4R	3H	1W	
441.96	445.01	3.05	2.95	97	2.32	76	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
445.01	448.06	3.05	3.05	100	2.48	81	4R	3H	1W	
448.06	451.10	3.04	2.99	98	2.45	81	4R	3H	1W	
451.10	454.15	3.05	3.05	100	2.34	77	2R	3H	1W	
454.15	457.20	3.05	3.05	100	2.24	73	2R	3H	1W	
457.20	460.25	3.05	3	98	2.19	72	1R	3H	1W	
460.25	463.30	3.05	2.97	97	2.40	79	1R	3H	1W	
463.30	466.34	3.04	3	99	1.98	65	2R	3H	1W	
466.34	469.39	3.05	3.05	100	2.76	90	2R	3H	1W	
469.39	472.44	3.05	3	98	2.72	89	1R	3H	1W	
472.44	475.49	3.05	2.97	97	2.40	79	2R	4H	1W	
475.49	478.54	3.05	2.98	98	2.67	88	1R	3H	1W	
478.54	481.58	3.04	3.04	100	2.79	92	1R	4H	1W	
481.58	484.63	3.05	3.05	100	2.42	79	3R	3H	1W	
484.63	487.68	3.05	2.97	97	1.82	60	4R	3H	1W	
487.68	490.73	3.05	3	98	2.88	94	4R	3H	1W	
490.73	493.78	3.05	2.96	97	2.30	75	4R	3H	1W	
493.78	496.82	3.04	2.78	91	2.53	83	4R	3H	1W	
496.82	499.87	3.05	2.9	95	2.42	79	4R	3H	1W	
499.87	502.92	3.05	3.05	100	1.66	54	4R	3H	1W	
502.92	505.97	3.05	2.96	97	2.75	90	4R	3H	1W	
505.97	509.02	3.05	3	98	2.88	94	4R	3H	1W	
509.02	512.06	3.04	3	99	2.37	78	4R	3H	1W	
512.06	515.11	3.05	2.83	93	2.66	87	4R	3H	1W	
515.11	518.16	3.05	2.92	96	2.53	83	4R	3H	1W	
518.16	521.21	3.05	3.05	100	2.50	82	4R	3H	1W	
521.21	524.26	3.05	2.91	95	0.21	7	4R	3H	1W	
524.26	527.30	3.04	2.95	97	1.96	64	4R	3H	1W	
527.30	530.35	3.05	3.05	100	1.55	51	4R	2H	1W	
530.35	533.40	3.05	2.9	95	1.56	51	4R	3H	1W	
533.40	536.45	3.05	3.05	100	2.48	81	4R	3H	1W	
536.45	539.50	3.05	2.94	96	2.25	74	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
539.50	542.54	3.04	2.89	95	2.59	85	4R	3H	1W	
542.54	545.60	3.06	3.05	100	2.85	93	4R	3H	1W	
545.60	548.64	3.04	3.02	99	2.49	82	4R	3H	1W	
548.64	551.69	3.05	3.05	100	2.81	92	4R	3H	1W	
551.69	554.74	3.05	3.05	100	2.82	92	4R	3H	1W	
554.74	557.78	3.04	2.98	98	2.75	90	4R	3H	1W	
557.78	560.83	3.05	3.05	100	2.96	97	3R	3H	3W	
560.83	563.88	3.05	3.05	100	2.90	95	4R	3H	1W	
563.88	566.93	3.05	3.02	99	2.91	95	4R	3H	1W	
566.93	569.98	3.05	3.05	100	2.89	95	4R	3H	1W	
569.98	573.02	3.04	3.04	100	2.35	77	4R	3H	1W	
573.02	576.07	3.05	3	98	2.64	87	4R	3H	1W	
576.07	579.12	3.05	3.05	100	2.98	98	4R	3H	1W	
579.12	582.17	3.05	2.87	94	2.24	73	4R	3H	1W	
582.17	585.22	3.05	3.05	100	2.88	94	4R	3H	1W	
585.22	588.26	3.04	3	99	2.89	95	4R	3H	1W	
588.26	591.31	3.05	2.97	97	2.30	75	4R	3H	1W	
591.31	594.36	3.05	3.05	100	2.36	77	4R	3H	1W	
594.36	597.41	3.05	2.98	98	2.66	87	4R	3H	1W	
597.41	600.46	3.05	2.84	93	1.40	46	4R	3H	1W	
600.46	603.50	3.04	2.74	90	1.23	40	3R	2H	1W	
603.50	606.55	3.05	2.83	93	1.52	50	4R	3H	1W	
606.55	609.60	3.05	3.02	99	1.96	64	4R	2H	1W	
609.60	612.65	3.05	2.97	97	2.17	71	4R	3H	1W	
612.65	615.70	3.05	2.98	98	2.10	69	4R	3H	1W	
615.70	618.74	3.04	3.04	100	2.83	93	4R	3H	1W	
618.74	621.79	3.05	3.03	99	2.58	85	4R	3H	1W	
621.79	624.84	3.05	2.98	98	2.82	92	4R	3H	1W	
624.84	627.89	3.05	3.05	100	2.36	77	4R	3H	1W	
627.89	630.94	3.05	3.02	99	2.66	87	4R	3H	1W	
630.94	633.98	3.04	2.98	98	2.23	73	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
633.98	637.03	3.05	3.05	100	1.50	49	4R	3H	1W	
637.03	640.08	3.05	3.05	100	2.88	94	4R	3H	1W	
640.08	643.13	3.05	3.03	99	2.44	80	4R	3H	1W	
643.13	646.18	3.05	3.05	100	3.03	99	4R	3H	1W	
646.18	649.22	3.04	3.04	100	2.77	91	4R	3H	1W	
649.22	652.27	3.05	3.05	100	2.95	97	4R	3H	1W	
652.27	655.32	3.05	3	98	2.58	85	4R	3H	1W	
655.32	658.37	3.05	3.05	100	2.95	97	4R	3H	1W	
658.37	661.42	3.05	3	98	3.00	98	4R	3H	1W	
661.42	664.46	3.04	3.04	100	2.18	72	4R	3H	1W	
664.46	667.51	3.05	3.05	100	2.98	98	4R	3H	1W	
667.51	670.56	3.05	3	98	2.98	98	4R	3H	1W	
670.56	673.61	3.05	3.05	100	2.72	89	4R	3H	1W	
673.61	676.66	3.05	3.02	99	2.21	72	4R	3H	1W	
676.66	679.70	3.04	3.04	100	2.89	95	4R	3H	1W	
679.70	682.75	3.05	3.05	100	2.68	88	4R	3H	1W	
682.75	685.80	3.05	3.05	100	3.05	100	4R	3H	1W	
685.80	688.85	3.05	3	98	3.00	98	4R	3H	1W	
688.85	691.90	3.05	3.02	99	2.81	92	4R	3H	1W	
691.90	694.94	3.04	3.03	100	2.90	95	4R	3H	1W	
694.94	697.99	3.05	3.01	99	2.84	93	4R	3H	1W	
697.99	701.04	3.05	2.99	98	2.49	82	4R	3H	1W	

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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K310559	14-020		CS3	☐	☐	☐
0.00	6.10	6.10	-QC-	0.00	0		14-C03	Chip		☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310637	14-022			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310632	14-022		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310616	14-022		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310611	14-022			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310603	14-021			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310598	14-021		CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310595	14-021			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310421	14-016		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310564	14-020		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310551	14-020			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310540	14-020			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310451	14-017			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310431	14-017		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310574	14-021		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310446	14-017		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310532	14-019	Yellow	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310469	14-018			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310473	14-018		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310484	14-018			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310496	14-018		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310501	14-019	Yellow		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310509	14-019	Yellow		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310519	14-019	Yellow	CS4	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310435	14-017			☑	☐	☐
6.10	12.19	6.09	OVB, SHL	5.18	85	Q052092	14-C03	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
12.19	15.24	3.05	SHL	2.67	88	Q052093	14-C03	Chip		☐	☐	☐
15.24	19.47	4.23	SHL	4.23	100	Q052094	14-C03	Chip		☐	☐	☐
19.47	24.38	4.91	SHL, DST	4.23	86	Q052095	14-C03	Chip		☐	☐	☐
24.38	28.96	4.58	DST	2.93	64	Q052096	14-C03	Chip		☐	☐	☐
28.96	35.05	6.09	SLT, DST	3.36	55	Q052097	14-C03	Chip		☐	☐	☐
35.05	41.15	6.10	SLT	3.83	63	Q052098	14-C03	Chip		☐	☐	☐
41.15	47.27	6.12	SLT	5.96	97	Q052099	14-C03	Chip		☐	☐	☐
47.27	53.34	6.07	SLT	6.06	100	Q052100	14-C03	Chip		☐	☐	☐
53.34	56.05	2.71	SLT	2.71	100	K310408	14-016			☐	☐	☐
56.05	57.91	1.86	SLT	1.59	85	K310409	14-016			☐	☐	☐
57.91	60.96	3.05	SLT	2.94	96	K310410	14-016			☐	☐	☐
60.96	64.01	3.05	SLT	3.05	100	K310411	14-016			☐	☐	☐
64.01	66.76	2.75	SLT	2.60	95	K310412	14-016			☐	☐	☐
66.76	69.00	2.24	SLT	2.18	97	K310413	14-016			☐	☐	☐
69.00	71.63	2.63	SLT	2.63	100	K310414	14-016			☐	☐	☐
71.63	74.68	3.05	SLT	3.05	100	K310415	14-016			☐	☐	☐
74.68	77.72	3.04	SLT	2.77	91	K310416	14-016			☐	☐	☐
77.72	80.77	3.05	SLT	2.95	97	K310417	14-016			☐	☐	☐
80.77	83.82	3.05	SLT	2.97	97	K310418	14-016			☐	☐	☐
83.82	86.87	3.05	SLT	3.05	100	K310419	14-016			☐	☐	☐
83.82	86.87	3.05	SLT	3.05	100	K310420	14-016			☐	☑	☐
86.87	89.92	3.05	SLT	3.05	100	K310422	14-016			☐	☐	☐
86.87	89.92	3.05	SLT	3.05	100	K310423	14-016			☐	☐	☑
89.92	92.45	2.53	SLT	2.51	99	K310424	14-016			☐	☐	☐
92.45	95.00	2.55	SLT	2.55	100	K310425	14-016			☐	☐	☐
95.00	97.54	2.54	SLT	2.54	100	K310426	14-016			☐	☐	☐
97.54	103.63	6.09	SLT	6.08	100	Q052101	14-C03	Chip		☐	☐	☐
103.63	109.73	6.10	SLT	5.89	97	Q052102	14-C03	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
109.73	115.82	6.09	SLT	6.08	100	Q052103	14-C03	Chip		☐	☐	☐
115.82	121.92	6.10	SLT	5.75	94	Q052104	14-C03	Chip		☐	☐	☐
121.92	128.02	6.10	SLT	6.04	99	Q052105	14-C03	Chip		☐	☐	☐
128.02	133.71	5.69	SLT	5.69	100	Q052106	14-C03	Chip		☐	☐	☐
133.71	138.68	4.97	SLT	4.97	100	Q052107	14-C03	Chip		☐	☐	☐
138.68	143.26	4.58	SLT	4.58	100	Q052108	14-C03	Chip		☐	☐	☐
143.26	147.00	3.74	SLT	3.74	100	Q052109	14-C03	Chip		☐	☐	☐
147.00	150.03	3.03	SLT	3.00	99	K310427	14-017			☐	☐	☐
150.03	152.40	2.37	SLT	2.37	100	K310428	14-017			☐	☐	☐
152.40	154.06	1.66	SLT	1.66	100	K310429	14-017			☐	☐	☐
154.06	156.00	1.94	SLT	1.94	100	K310430	14-017			☐	☐	☐
156.00	158.50	2.50	SLT	2.47	99	K310432	14-017			☐	☐	☐
158.50	161.00	2.50	SLT	2.50	100	K310433	14-017			☐	☐	☐
161.00	164.00	3.00	SLT	2.36	79	K310434	14-017			☐	☐	☐
164.00	166.12	2.12	SLT	1.87	88	K310436	14-017			☐	☐	☐
166.12	168.17	2.05	SLT	2.05	100	K310437	14-017			☐	☐	☐
168.17	170.69	2.52	SLT	2.52	100	K310438	14-017			☐	☐	☐
170.69	173.74	3.05	SLT	2.92	96	K310439	14-017			☐	☐	☐
173.74	176.78	3.04	SLT	3.04	100	K310440	14-017			☐	☐	☐
173.74	176.78	3.04	SLT	3.04	100	K310441	14-017			☐	☑	☐
176.78	182.88	6.10	SLT	6.05	99	Q052110	14-C03	Chip		☐	☐	☐
182.88	188.98	6.10	SLT	5.96	98	Q052111	14-C03	Chip		☐	☐	☐
188.98	195.07	6.09	SLT	6.02	99	Q052112	14-C03	Chip		☐	☐	☐
195.07	201.17	6.10	SLT	6.02	99	Q052113	14-C03	Chip		☐	☐	☐
201.17	207.26	6.09	SLT	6.03	99	Q052114	14-C03	Chip		☐	☐	☐
207.26	211.84	4.58	SLT	4.58	100	Q052115	14-C03	Chip		☐	☐	☐
211.84	214.88	3.04	SLT	2.95	97	Q052116	14-C03	Chip		☐	☐	☐
214.88	217.93	3.05	SLT	3.05	100	K310442	14-017			☐	☐	☐
217.93	220.36	2.43	SLT	2.43	100	K310443	14-017			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
220.36	222.50	2.14	SLT	2.14	100	K310444	14-017			☐	☐	☐
222.50	225.55	3.05	SLT	3.05	100	K310445	14-017			☐	☐	☐
225.55	228.60	3.05	SLT	3.05	100	K310447	14-017			☐	☐	☐
228.60	231.65	3.05	SLT	3.05	100	K310448	14-017			☐	☐	☐
231.65	234.70	3.05	SLT	2.89	95	K310449	14-017			☐	☐	☐
234.70	237.74	3.04	SLT	2.98	98	K310450	14-017			☐	☐	☐
237.74	240.79	3.05	SLT	3.05	100	K310452	14-017			☐	☐	☐
240.79	243.84	3.05	SLT	2.91	95	K310453	14-017			☐	☐	☐
243.84	246.89	3.05	SLT	2.86	94	K310454	14-017			☐	☐	☐
246.89	249.94	3.05	SLT	3.05	100	K310455	14-017			☐	☐	☐
249.94	252.98	3.04	SLT	3.04	100	K310456	14-017			☐	☐	☐
249.94	252.98	3.04	SLT	3.04	100	K310457	14-017			☐	☐	☑
252.98	256.03	3.05	SLT	3.05	100	K310458	14-017			☐	☐	☐
256.03	259.08	3.05	SLT	3.03	99	K310459	14-017			☐	☐	☐
259.08	260.60	1.52	SLT	1.52	100	K310460	14-017			☐	☐	☐
260.60	266.70	6.10	SLT	6.03	99	Q052117	14-C03	Chip		☐	☐	☐
266.70	272.80	6.10	SLT	6.02	99	Q052118	14-C03	Chip		☐	☐	☐
272.80	278.89	6.09	SLT	5.88	97	Q052119	14-C03	Chip		☐	☐	☐
278.89	284.99	6.10	SLT	5.99	98	Q052120	14-C03	Chip		☐	☐	☐
284.99	291.08	6.09	SLT	6.09	100	Q052121	14-C03	Chip		☐	☐	☐
291.08	294.13	3.05	SLT	3.05	100	K310461	14-017			☐	☐	☐
294.13	297.18	3.05	SLT	3.02	99	K310462	14-017			☐	☐	☐
297.18	300.23	3.05	SLT	3.05	100	K310463	14-018			☐	☐	☐
300.23	303.28	3.05	SLT	2.92	96	K310464	14-018			☐	☐	☐
303.28	304.80	1.52	SLT	1.38	91	K310465	14-018			☐	☐	☐
304.80	307.85	3.05	SLT	3.02	99	K310466	14-018			☐	☐	☐
307.85	309.98	2.13	SLT	0.32	15	K310467	14-018			☐	☐	☐
309.98	313.03	3.05	SLT	3.02	99	K310468	14-018			☐	☐	☐
313.03	316.08	3.05	SLT	3.03	99	K310470	14-018			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
316.08	318.00	1.92	SLT	1.88	98	K310471	14-018			☐	☐	☐
318.00	320.04	2.04	SLT	2.02	99	K310472	14-018			☐	☐	☐
320.04	323.09	3.05	SLT	2.88	94	K310474	14-018			☐	☐	☐
323.09	326.14	3.05	SLT	2.96	97	K310475	14-018			☐	☐	☐
326.14	329.18	3.04	SLT	2.83	93	K310476	14-018			☐	☐	☐
329.18	332.23	3.05	SLT	3.05	100	K310477	14-018			☐	☐	☐
329.18	332.23	3.05	SLT	3.05	100	K310478	14-018			☐	☐	☑
332.23	335.28	3.05	SLT	3.05	100	K310479	14-018			☐	☐	☐
335.28	338.33	3.05	SLT	2.96	97	K310480	14-018			☐	☐	☐
338.33	341.38	3.05	SLT	3.05	100	K310481	14-018			☐	☐	☐
341.38	344.42	3.04	SLT	2.90	95	K310482	14-018			☐	☐	☐
344.42	346.98	2.56	SLT	2.56	100	K310483	14-018			☐	☐	☐
346.98	348.18	1.20	SLT	1.16	97	K310485	14-018			☐	☐	☐
348.18	350.90	2.72	SLT	2.66	98	K310486	14-018			☐	☐	☐
350.90	353.57	2.67	SLT	2.67	100	K310487	14-018			☐	☐	☐
353.57	356.62	3.05	SLT	2.83	93	K310488	14-018			☐	☐	☐
356.62	359.66	3.04	SLT	3.00	99	K310489	14-018			☐	☐	☐
359.66	362.71	3.05	SLT	3.05	100	K310490	14-018			☐	☐	☐
362.71	365.76	3.05	SLT	3.05	100	K310491	14-018			☐	☐	☐
365.76	368.81	3.05	SLT	3.00	98	K310492	14-018			☐	☐	☐
365.76	368.81	3.05	SLT	3.00	98	K310493	14-018			☐	☑	☐
368.81	371.22	2.41	SLT	2.38	99	K310494	14-018			☐	☐	☐
371.22	372.14	0.92	SLT	0.90	98	K310495	14-018			☐	☐	☐
372.14	374.90	2.76	SLT	2.73	99	K310497	14-018			☐	☐	☐
374.90	377.95	3.05	SLT	3.02	99	K310498	14-018			☐	☐	☐
377.95	381.00	3.05	SLT	3.05	100	K310499	14-019	Yellow		☐	☐	☐
381.00	384.05	3.05	SLT	3.03	99	K310500	14-019	Yellow		☐	☐	☐
384.05	387.10	3.05	SLT	3.00	98	K310502	14-019	Yellow		☐	☐	☐
387.10	390.14	3.04	SLT	3.00	99	K310503	14-019	Yellow		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
390.14	393.19	3.05	SLT	3.05	100	K310504	14-019	Yellow		☐	☐	☐
393.19	396.24	3.05	SLT	3.05	100	K310505	14-019	Yellow		☐	☐	☐
396.24	399.29	3.05	SLT	2.95	97	K310506	14-019	Yellow		☐	☐	☐
399.29	400.97	1.68	SLT	1.65	98	K310507	14-019	Yellow		☐	☐	☐
400.97	402.34	1.37	SLT	1.33	97	K310508	14-019	Yellow		☐	☐	☐
402.34	404.75	2.41	SLT	2.41	100	K310510	14-019	Yellow		☐	☐	☐
404.75	405.94	1.19	SLT	1.12	94	K310511	14-019	Yellow		☐	☐	☐
405.94	408.43	2.49	SLT	2.49	100	K310512	14-019	Yellow		☐	☐	☐
408.43	411.48	3.05	SLT	2.90	95	K310513	14-019	Yellow		☐	☐	☐
411.48	413.26	1.78	SLT	1.73	97	K310514	14-019	Yellow		☐	☐	☐
413.26	415.30	2.04	SLT	2.00	98	K310515	14-019	Yellow		☐	☐	☐
415.30	417.58	2.28	SLT	2.00	88	K310516	14-019	Yellow		☐	☐	☐
417.58	420.62	3.04	SLT	2.93	96	K310517	14-019	Yellow		☐	☐	☐
420.62	423.67	3.05	SLT	3.00	98	K310518	14-019	Yellow		☐	☐	☐
423.67	425.29	1.62	SLT	1.62	100	K310520	14-019	Yellow		☐	☐	☐
425.29	426.94	1.65	SLT	1.65	100	K310521	14-019	Yellow		☐	☐	☐
426.94	429.77	2.83	SLT	2.00	71	K310522	14-019	Yellow		☐	☐	☐
429.77	432.00	2.23	SLT	2.20	99	K310523	14-019	Yellow		☐	☐	☐
429.77	432.00	2.23	SLT	2.20	99	K310524	14-019	Yellow		☐	☑	☐
432.00	434.12	2.12	SLT	2.00	94	K310525	14-019	Yellow		☐	☐	☐
434.12	435.47	1.35	SLT	1.35	100	K310526	14-019	Yellow		☐	☐	☐
435.47	437.16	1.69	LST, SLT	1.69	100	K310527	14-019	Yellow		☐	☐	☐
435.47	437.16	1.69	LST, SLT	1.69	100	K310528	14-019	Yellow		☐	☐	☑
437.16	438.52	1.36	LST	1.35	99	K310529	14-019	Yellow		☐	☐	☐
438.52	439.58	1.06	LST	1.06	100	K310530	14-019	Yellow		☐	☐	☐
439.58	441.96	2.38	LST	2.34	98	K310531	14-019	Yellow		☐	☐	☐
441.96	445.01	3.05	LST	2.95	97	K310533	14-019	Yellow		☐	☐	☐
445.01	448.06	3.05	LST	3.05	100	K310534	14-019	Yellow		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
448.06	451.10	3.04	LST	2.99	98	K310535	14-020			☐	☐	☐
451.10	452.80	1.70	LST	1.50	88	K310536	14-020			☐	☐	☐
452.80	454.15	1.35	LST	1.35	100	K310537	14-020			☐	☐	☐
454.15	456.82	2.67	LST	2.66	100	K310538	14-020			☐	☐	☐
456.82	458.13	1.31	LST	1.31	100	K310539	14-020			☐	☐	☐
458.13	460.25	2.12	LST	2.12	100	K310541	14-020			☐	☐	☐
460.25	461.97	1.72	LST	1.71	99	K310542	14-020			☐	☐	☐
461.97	463.30	1.33	LST	1.30	98	K310543	14-020			☐	☐	☐
463.30	466.34	3.04	LST	3.04	100	K310544	14-020			☐	☐	☐
463.30	466.34	3.04	LST	3.04	100	K310545	14-020			☐	☐	☑
466.34	468.82	2.48	LST	2.48	100	K310546	14-020			☐	☐	☐
468.82	470.99	2.17	LST	2.13	98	K310547	14-020			☐	☐	☐
470.99	474.10	3.11	LST	3.11	100	K310548	14-020			☐	☐	☐
474.10	475.49	1.39	LST	1.36	98	K310549	14-020			☐	☐	☐
475.49	478.54	3.05	LST	2.98	98	K310550	14-020			☐	☐	☐
478.54	481.58	3.04	LST	3.04	100	K310552	14-020			☐	☐	☐
481.58	483.59	2.01	LST	2.01	100	K310553	14-020			☐	☐	☐
483.59	485.74	2.15	LST	2.10	98	K310554	14-020			☐	☐	☐
485.74	487.68	1.94	LST	1.94	100	K310555	14-020			☐	☐	☐
487.68	490.73	3.05	LST	3.00	98	K310556	14-020			☐	☐	☐
487.68	490.73	3.05	LST	3.00	98	K310557	14-020			☐	☑	☐
490.73	493.78	3.05	LST	2.96	97	K310558	14-020			☐	☐	☐
493.78	496.82	3.04	LST	2.78	91	K310560	14-020			☐	☐	☐
496.82	499.87	3.05	LST	2.90	95	K310561	14-020			☐	☐	☐
499.87	502.92	3.05	LST	3.05	100	K310562	14-020			☐	☐	☐
502.92	505.97	3.05	LST	2.96	97	K310563	14-020			☐	☐	☐
505.97	509.02	3.05	LST	3.00	98	K310565	14-020			☐	☐	☐
509.02	512.06	3.04	LST	3.00	99	K310566	14-020			☐	☐	☐
512.06	515.11	3.05	LST	2.83	93	K310567	14-020			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
515.11	518.16	3.05	LST	3.05	100	K310568	14-020			☐	☐	☐
518.16	521.21	3.05	LST	3.05	100	K310569	14-020			☐	☐	☐
521.21	524.26	3.05	LST	2.91	95	K310570	14-020			☐	☐	☐
524.26	527.30	3.04	LST	2.95	97	K310571	14-021			☐	☐	☐
527.30	530.35	3.05	LST	3.05	100	K310572	14-021			☐	☐	☐
530.35	533.40	3.05	LST	2.90	95	K310573	14-021			☐	☐	☐
533.40	536.45	3.05	LST	3.05	100	K310575	14-021			☐	☐	☐
536.45	539.50	3.05	LST	2.94	96	K310576	14-021			☐	☐	☐
539.50	542.54	3.04	LST	2.94	97	K310577	14-021			☐	☐	☐
539.50	542.54	3.04	LST	2.94	97	K310578	14-021			☐	☐	☑
542.54	545.59	3.05	LST	3.05	100	K310579	14-021			☐	☐	☐
545.59	548.64	3.05	LST	3.02	99	K310580	14-021			☐	☐	☐
548.64	551.69	3.05	LST	3.05	100	K310581	14-021			☐	☐	☐
548.64	551.69	3.05	LST	3.05	100	K310582	14-021			☐	☑	☐
551.69	554.74	3.05	LST	2.82	92	K310583	14-021			☐	☐	☐
554.74	557.78	3.04	LST	2.75	90	K310584	14-021			☐	☐	☐
557.78	560.83	3.05	LST	2.96	97	K310585	14-021			☐	☐	☐
560.83	563.88	3.05	LST	2.91	95	K310586	14-021			☐	☐	☐
563.88	566.93	3.05	LST	2.91	95	K310587	14-021			☐	☐	☐
566.93	569.98	3.05	LST	2.89	95	K310588	14-021			☐	☐	☐
569.98	573.02	3.04	LST	2.35	77	K310589	14-021			☐	☐	☐
573.02	576.07	3.05	LST	3.00	98	K310590	14-021			☐	☐	☐
576.07	579.12	3.05	LST	3.05	100	K310591	14-021			☐	☐	☐
579.12	582.17	3.05	LST	2.87	94	K310592	14-021			☐	☐	☐
582.17	584.69	2.52	LST	2.39	95	K310593	14-021			☐	☐	☐
584.69	586.46	1.77	LST	1.77	100	K310594	14-021			☐	☐	☐
586.46	589.17	2.71	LST	2.60	96	K310596	14-021			☐	☐	☐
589.17	591.51	2.34	LST	2.32	99	K310597	14-021			☐	☐	☐
591.51	593.64	2.13	LST	2.13	100	K310599	14-021			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
593.64	595.56	1.92	LST	1.92	100	K310600	14-021			☐	☐	☐
595.56	597.41	1.85	LST	1.85	100	K310601	14-021			☐	☐	☐
597.41	600.46	3.05	LST	2.84	93	K310602	14-021			☐	☐	☐
600.46	603.50	3.04	LST	2.74	90	K310604	14-021			☐	☐	☐
603.50	604.77	1.27	LST	1.20	94	K310605	14-021			☐	☐	☐
604.77	606.55	1.78	LST	1.38	78	K310606	14-021			☐	☐	☐
606.55	609.60	3.05	LST	3.05	100	K310607	14-022			☐	☐	☐
609.60	612.65	3.05	LST	2.97	97	K310608	14-022			☐	☐	☐
612.65	613.98	1.33	LST	1.33	100	K310609	14-022			☐	☐	☐
613.98	616.42	2.44	LST	2.34	96	K310610	14-022			☐	☐	☐
616.42	618.74	2.32	LST	2.32	100	K310612	14-022			☐	☐	☐
618.74	621.79	3.05	LST	3.03	99	K310613	14-022			☐	☐	☐
621.79	624.84	3.05	LST	2.98	98	K310614	14-022			☐	☐	☐
624.84	627.89	3.05	LST	3.05	100	K310615	14-022			☐	☐	☐
627.89	630.94	3.05	LST	3.02	99	K310617	14-022			☐	☐	☐
630.94	633.98	3.04	LST	2.98	98	K310618	14-022			☐	☐	☐
633.98	637.03	3.05	LST	3.05	100	K310619	14-022			☐	☐	☐
637.03	640.08	3.05	LST	3.05	100	K310620	14-022			☐	☐	☐
640.08	643.13	3.05	LST	3.03	99	K310621	14-022			☐	☐	☐
643.13	646.18	3.05	LST	3.05	100	K310622	14-022			☐	☐	☐
643.13	646.18	3.05	LST	3.05	100	K310623	14-022			☐	☑	☐
646.18	649.22	3.04	LST	3.04	100	K310624	14-022			☐	☐	☐
649.22	652.27	3.05	LST	3.05	100	K310625	14-022			☐	☐	☐
652.27	655.32	3.05	LST	3.00	98	K310626	14-022			☐	☐	☐
652.27	655.32	3.05	LST	3.00	98	K310627	14-022			☐	☐	☑
655.32	658.37	3.05	LST	3.05	100	K310628	14-022			☐	☐	☐
658.37	661.42	3.05	LST	3.00	98	K310629	14-022			☐	☐	☐
661.42	664.46	3.04	LST	3.04	100	K310630	14-022			☐	☐	☐
664.46	667.51	3.05	LST	3.05	100	K310631	14-022			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
667.51	670.56	3.05	LST	3.00	98	K310633	14-022			☐	☐	☐
670.56	673.61	3.05	LST	3.05	100	K310634	14-022			☐	☐	☐
673.61	676.66	3.05	LST	3.02	99	K310635	14-022			☐	☐	☐
676.66	679.70	3.04	LST	3.04	100	K310636	14-022			☐	☐	☐
679.70	682.75	3.05	LST	3.05	100	K310638	14-022			☐	☐	☐
682.75	685.80	3.05	LST	3.05	100	K310639	14-022			☐	☐	☐
685.80	688.85	3.05	LST	3.00	98	K310640	14-022			☐	☐	☐
688.85	691.90	3.05	LST	3.02	99	K310641	14-022			☐	☐	☐
691.90	694.94	3.04	LST	3.03	100	K310642	14-022			☐	☐	☐
694.94	697.99	3.05	LST	3.01	99	K310643	14-023			☐	☐	☐
697.99	701.04	3.05	LST	2.99	98	K310644	14-023			☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		630451	7112255	1402.51	704.09

ZONE: Conrad

SECTION: C450E

HOLE: OS -14-228

CLAIM:

Contractor: Superior

Drill: 6

Core Size: HQ

Casing Depth:

Drilling Dates: Aug 14 -

Geology Logged By: N. Kovacs

SURVEY			
Depth (m)	Azimuth	Dip	Method
16.76	198.05	-70.2	Reflex
704.08	9.75	-73.6	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.86	3.86	-?-
3.86	7.62	3.76	-?-
7.62	17.5	9.88	MST
17.5	20.22	2.72	SLT
20.22	26.84	6.62	DST
26.84	304.66	277.82	SLT
304.66	315.2	10.54	LST
315.2	363.2	48	SLT
363.2	482.54	119.34	LST
482.54	483.42	0.88	INT
483.42	547.03	63.61	LST
547.03	547.23	0.2	INT
547.23	548.1	0.87	LST
548.1	548.51	0.41	INT
548.51	549.97	1.46	LST
549.97	550.58	0.61	INT

SAMPLES	
Numbers:	K310645 to K310891, Q052122 to Q052142
Total:	269
Batch:	023, 024, 025, 026, 027, 028, 029, C04
Certificates:	WH14123923, WH14125364, WH14125428, WH14125429, WH14125434, WH14125435, WH14125436, WH14129368

COMMENTS

Hole targetting lower zone mineralization (SLC/LST) at Conrad. Hole intersected two zones of mineralization, one in SLC, and a broader zone in C-LST1. Hole ended in unaltered Conrad limestone past target depth.
Logged by E. Flavelle from 351 m onwards. Five 10 ft HQ rods stuck in the bottom of the hole.

OS -14-228

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.86	3.86	-?-	--	No recovery.							
						--	--	---	---	--	--	0
3.86	7.62	3.76	-?-	--	Casing - No Recovery.							
						--	--	---	---	--	--	0
7.62	17.50	9.88	MST	FG	Mainly rubbly mudstone. The brown mudstone becomes light grey-blue siltstone from 15.86 m .							
						MD	BN	RB	OXI	3I	--	0
						DK	GY					
17.50	20.22	2.72	SLT	FG	Brown siltstone interbedded with thin beds (2 cm) of fine grained, brown dolostone. Small dolomite veinlets cross-cut the matrix.							
						MD	BN	RB	OXI	3I	--	0
								BD				
20.22	26.84	6.62	DST	FG	Fine grained, brown dolostone with crackled and brecciated texture. Small black stringers occur in matrix with quartz veins that are irregular and blebby.							
								BX				
								RB				
						MD	BR	CR	OXI	2I	--	0
26.84	304.66	277.82	SLT	FG	Medium grey, fine grained siltstone, locally oxidized with dissaminated pyrite. From 101.90 m coarse, quartz grained sandstone with vuggy texture occurs with strong caly infilling in vugs. Realgar mineralization occurs from 108.20 m dissaminated in matrix. From 208.79 m, quartz grained, dark matrixed sandstone becomes interbedded with fine grained siltstone. Black, fine grained, strongly deformed musdstone becomes dominant from 283.13 m with over 40 % dissaminated pyrite in matrix.							
						MD	GY	BD	OXI	2I	Py	10
								RB			Re	0.01
304.66	315.20	10.54	LST	FG	Light grey bedded limestone with calcite veining up to 1 cm, locally styolitic.							
						LT	GY	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
315.20	363.20	48.00	SLT	FG	Weakly to strongly mineralized, sometimes folded and sheared siltstone with calcite veins and veinlets. Minor limestone interbeds and clasts as well as "starry night" conglomerate.							
						DK	GY	BD	---	--	Re	1
								SH				
363.20	482.54	119.34	LST	FG	Weakly to strongly altered limestone with massive, pervasive and blebby realgar within calcite veins. Weak to pervalent calcite veining; sometimes vuggy. Black, clay-rich and sooty intervals up to 20 cm wide present throughout interval.							
						MD	GY	BD	---	--	Re	1
						DK	GY	VU				
482.54	483.42	0.88	INT	CG	Green-grey phenocrysts within grey, clay-rich zone. Sheared with limestone.							
						MD	GN	PO				
						MD	GY	SH	SER	3I	--	0
483.42	547.03	63.61	LST	FG	Weak to very strongly calcite veined, variably bedded limestone with minor soft sediment deformation and/or folding and thin sandy interbeds up to 2 cm wide. Trace to frequent (5 per metre) styolites. Sooty intervals reaching up to 10 cm in width and some very fine grained bands of pyrite.							
						DK	GY	BD	---	--	Py	0.01
547.03	547.23	0.20	INT	CG	Intermediate intrusive dyke with green fluorite phenocrysts up to 2 mm wide.							
						MD	GY					
						LT	GY	PO	SER	3I	Fl	0.01
547.23	548.10	0.87	LST	FG	Thin bedded limestone with frequent calcite veining.							
						MD	GY	BD	---	--	--	0
						DK	GY					
548.10	548.51	0.41	INT	CG	Intermediate intrusive dyke with green fluorite phenocrysts up to 3 mm wide.							
						LT	GY	PO	SER	3I	Fl	0.01
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
548.51	549.97	1.46	LST	FG	Calcite veined limestone with minor black, sooty sections up to 1 cm wide.							
						LT	GY	BD	---	--	--	0
						MD	GY					
549.97	550.58	0.61	INT	CG	Intermediate intrusive dyke with green fluorite phenocrysts up to 8 mm wide.							
						LT	GY	PO	SER	3I	Fl	0.01
550.58	704.09	153.51	LST	FG	Thin bedded to massive limestone with sandier and "zebra stripe" interbeds near end of interval. Weak to strong calcite veining and styolites, occuring at random orientations as well as along bedding planes. Strongly mineralized interval from 594.82-596.03 m. Black, sooty, clay-rich intervals occur throughout. Weak arsenic oxide on fracture surfaces from 654.13-659.90.							
						MD	GY	BD	ASO	1I	Re	0
						DK	GY	MA			Om	0
								VU				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.86	3.86	-?-	--	No recovery.							
						--	--	---	---	--	--	0
3.86	7.62	3.76	-?-	--	Casing - No recovery.							
						--	--	---	---	--	--	0
7.62	17.50	9.88	MST	FG	Mainly rubbly mudstone. The brown mudstone becomes light grey-blue siltstone from 15.86 m .							
						MD	BN	RB	OXI	3I	--	0
						DK	GY					
17.50	20.22	2.72	SLT	FG	Brown siltstone interbedded with thin beds (2 cm) of fine grained, brown dolostone. Small dolomite veinlets cross-cut the matrix.							
						MD	BN	RB	OXI	3I	--	0
								BD				
20.22	23.51	3.29	DST	FG	Dolostone; fine grained, crackled and brecciated with small black stringers. Quartz veining: irregular.							
						MD	BN	CR	OXI	2I	--	0
								VU				
								RB				
								BX				
23.51	26.84	3.33	DST	FG	Rubbly, oxidized dolostone with quartz vein brecciated matrix.							
						MD	BN	BX	OXI	4I	--	0
								RB				
26.84	29.10	2.26	SLT	FG	Grey, fine grained, rubbly siltstone.							
						MD	GY	BD	OXI	2I	--	0
								RB				
29.10	32.00	2.90	SST	CG	Coarse, quartz grained, oxidized sandstone. The interval become gouged for the last 20 cm.							
						MD	BN	RB	OXI	4I	--	0
32.00	34.03	2.03	SLT	FG	Rubbly, grey siltstone with quartz on fractured surfaced.							
						MD	GY	RB	OXI	1I	--	0
									ASO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
34.03	42.33	8.30	SLT	FG	Rubbly incompetent interval; where competent interchanging brown grey beds indicate bedding. More quartz veined than previous interval. Matrix is brecciated and slight ASO alteration occurs on the rubbly surface.							
						MD	GY	RB	OXI	3I	--	0
						MD	BN					
42.33	59.46	17.13	SLT	FG	Grey siltstone interbedded with dolostone beds (1-30 cm). Small quartz veinlets and black stringers cross-cut dolostone matrix.							
						MD	GY	BD	---	--	--	0
59.46	61.15	1.69	CGL	FG	Quartz grained heterolithic conglomerate clasts vary between mm to 5 cm. Pyrite replaces clasts. Some of the clasts are elongated shale chips.							
						MD	GY	---	---	--	Py	2
61.15	61.98	0.83	SLT	FG	Rubbly siltstone with argillic alteration ?							
						MD	GY	BX	---	--	--	0
								RB				
61.98	64.04	2.06	SST	CG	Coarse grained sandstonewith polylithic fragments, crumbly, strongly argillic altered matrix.							
						MD	GY	RB	ARG	2I	--	0
64.04	75.22	11.18	SLT	FG	More competent interval, well-bedded siltstone with dolomite veinlets and small pyrite beds. Pyrite beds are cross-cut by the dolomite veinlets/							
						MD	GY	BD	---	--	Py	3
								RB				
75.22	76.96	1.74	SST	MG	Dark grey sandstone, medium grained with more quartz veins and less dolomite veinlets. Quartz veins are replacing dolomite veinlets and often rim the dolomite veins.							
						DK	GY	MA	---	--	--	0
76.96	77.80	0.84	SLT	FG	Soft sediment deformed dark siltstone. Pyrite replaces clasts.							
						DK	GY	SD	---	--	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
77.80	80.58	2.78	SLT	FG	Siltstone brecciated with dolostone clasts. Pyrite occurs as brecciated clasts. Texture is vuggy and dolomite veining is very bleby and irregular. Clay and gouge between clasts occurs locally.							
						DK	GY	BX	---	--	Py	1
80.58	83.49	2.91	SLT	FG	Interbedded siltstone with dolostone. Pyrite occurs in rounded blebs. Dolomite occurs on the fractured surface.							
						DK	GY	BX	---	--	Py	1
								BD				
83.49	89.92	6.43	SLT	FG	Strongly soft sediment deformed interval. Pyrite occurs in large (1 cm), fractured clasts. Local oxidation appaers on the surface.							
						DK	GY	SD	OXI	1I	Py	2
89.92	92.21	2.29	SLT	MG	Medium grained, lighter grey siltstone shows strong dolomite replacement with quartz. Vuggy textured, vugs occur in matrix especially where veining is prominent. Pyrite is absent from this interval.							
						MD	GY	MA	---	--	--	0
								VU				
92.21	95.64	3.43	SLT	FG	Medium grained, light grey siltstone with dolomite on the fractured surface.							
						MD	GY	MA	---	--	--	0
95.64	97.00	1.36	CGL	CG	Polytlihic, matrix supported conglomerate with small (mm) quartz grains and larger, subrounded siltstone clasts (1-3 cm). Pyrite occurs is small (1 cm) clasts.							
						MD	GY	---	---	--	Py	2
97.00	98.59	1.59	SLT	MG	Coaser grained siltstone interbedded with coarser grained sandstone beds (5-7 cm).							
						MD	GY	BD	---	--	--	0
98.59	99.74	1.15	SST	CG	Quartz (60%) grained sandstone with vuggy texture. Feldspar grains are also present (40 %).							
						MD	GY	MA	---	--	--	0
								VU				
99.74	101.90	2.16	CGL	CG	Polylithic conglomerate brecciated with flat subrounded siltstone clasts and locally interbedded with siltstone. The interval becomes crumbly towards the end.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BX	---	--	--	0
								RB				
101.90	102.82	0.92	SST	MG	Coarse, quartz grained, crumbly sandstone showing vuggy texture with clay infilling.							
						MD	GY	RB	ARG	2I	--	0
								VU				
102.82	108.20	5.38	SLT	FG	Bedded siltstone with soft sediment deformed intervals.							
						MD	GY	SD	OXI	1I	Py	1
								BD				
108.20	113.68	5.48	SLT	FG	Fine grained siltstone with vuggy texture that are locally calcareous. Increase quartz and dolomite veining since last interval. Veining is mainly irregular. Pyrite occurs in small clasts and it shows replacement texture by quartz. Realgar occurs in small blebs and it is assciated with another, sliver coloured, soft (hardness 4) mineral possibly stibnite?.							
						MD	GY	SD	OXI	1I	Py	1
								VU			Re	0.01
											St	0.01
113.68	120.30	6.62	SLT	FG	Grey well-bedded siltstone, soft sediment deformed at the end of the interval. Bleby, irregular quartz veins occur locally.							
						MD	GY	BD	---	--	Re	0.01
								SD			Py	0.1
120.30	122.86	2.56	SLT	MG	Medium grained, styolitic and vuggy siltstone with brecciated matrix. Dolomite and quartz veins (quartz>dolomite) cross-cut and brecciate matrix. Realgar occurs in small veinlets and infilling the vugs. Pyrite occurs along styolites.							
						MD	GY	BX	---	--	Re	0.1
								VU			Py	0.1
122.86	126.79	3.93	SLT	MG	The beginning of the interval is bedded siltstone with sandy, thin dolostone beds. From 125.120 m the interval changes to brecciated dolostone with subrounded clasts. Quartz veining increases with brecciation. Pyrite occurs as large (5-6 cm) clasts. Realgar occurs dissaminated in matrix.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD	---	--	Py	1
								SD				
								BX			Re	0.1
126.79	133.14	6.35	SLT	FG	Interbedded siltstone with light grey sandier beds. Some of the beds are wavy on mm scale. Around 131.0 the siltstone becomes vuggy textured. Realgar occurs on the fractured surface. Pyrite occurs as small clasts parallel to bedding.							
						MD	GY	BD	OXI	1I	Re	0.01
											Py	1
133.14	134.30	1.16	SST	MG	Medium grained, styolitic sandstone with quartz grains. The matrix is brecciated with small (1 cm), subrounded, flattened shale fragments. The fractured surface is coated with clay.							
						LT	GY	MA	---	--	Py	1
								BX				
134.30	136.23	1.93	SLT	MG	Medium grained sandstone brecciated with slightly calcareous irregular, sandy veins with pyrite rimming the outer edge. The veinlets are locally filled with clay.							
						MD	GY	BX	---	--	Py	2
											Re	0.01
136.23	139.41	3.18	SST	MG	Siltstone interbedded with quartz grained sandstone with dark matrix. Pyrite occurs dissaminated in matrix and as small grains replacing matrix. Some of the fractured surface is filled with clay. Styolites appear from 139.01 m.							
						MD	GY	BD	---	--	Re	0.01
											Py	2
139.41	160.02	20.61	SLT	FG	Grey, well-bedded siltstone. Pyrite occurs parallel to bedding. Small quartz stringer occur locally. From 149.35 m, the beds become thicker (2 cm) and siltier. From 153.13 m a 10 m quartz grained sandstone bed appaers. From 156.00 m the interval becomes slightly soft sediment deformed and shows 1 cm reverse offset in the siltier beds.							
						MD	GY	BD	---	--	Py	2
								SD				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
160.02	161.68	1.66	SLT	FG	Brecciated interval witrh strong clay infilling between the clasts.							
						MD	GY	BX	---	--	Py	1
161.68	163.37	1.69	SLT	FG	Grey siltstone with lighter grey thin, sandy beds that mark the bedding.							
						MD	GY	BD	---	--	Py	1
163.37	167.64	4.27	SLT	FG	Rubbly interval with clay infilling between the clasts, locally vuggy textured. Some dolomite veinlets occur throughout the interval.							
						MD	GY	RB	---	--	Py	0.01
								VU				
167.64	176.98	9.34	SLT	FG	Grey siltstone with interchanging 1 cm thick, lighter grey, siltier beds. The light grey, silty beds show more frequent normal offset. The interval becomes more brecciated from 175.26 m.							
						MD	GY	BX	---	--	Re	0.01
176.98	187.45	10.47	SLT	FG	Brecciated siltstone with clay infilling between the clasts. Pyrite occurs as small rounded clasts. Small quartz veinlets occur between clasts at 186.70 m.							
						MD	GY	BX	---	--	Py	0.1
187.45	191.36	3.91	SLT	FG	Rubbly brecciated siltstone with strong clay infilling between the clasts. Clay content increased since last interval.							
						MD	GY	BX	---	--	--	0
								RB				
191.36	197.32	5.96	SLT	FG	Siltstone with very small (mm) black beds that show reverse offset throughout the interval. Pyrite occurs as large clasts.							
						MD	GY	BD	---	--	Py	1
197.32	206.13	8.81	SLT	FG	Siltstone interbedded with wavy, black dolostone beds (1-2 cm). Pyrite occurs in small clasts from 203.00 m the dolostone beds become wider (40 cm) and more quartz veined on the fractured surface and in small veinlets.							
						MD	GY	BD	---	--	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
206.13	208.79	2.66	SST	MG	Soft sediment deformed siltstone in interbedded with medium grained, slightly quartz grained sandstone.							
						MD	GY	SD	OXI	1I	Py	0.01
								BD				
208.79	216.34	7.55	SLT	MG	Quartz grained dark matrixed sandstone (starry night) interbedded with brown-grey interchanging beds of siltstone. At 213.3.36 m closer to the contact small, black veined wavy bedded dolostone occurs. From 213.36 m the interval is siltstone dominated.							
						MD	BN				Re	0.01
						DK	GY	BD	OXI	1I	Py	0.01
216.34	217.37	1.03	SST	MG	Medium grained brecciated sandstone with strong clay infilling between the clasts. Quartz veinlets show internal brecciation within. Pyrite is dissaminated between the clasts.							
						MD	GY	BX	---	--	Py	0.1
217.37	219.46	2.09	MST	FG	Black mudstone interbedded with quartz pebbled sandstne with dark matrix. Quartz/dolomite veining increased since the last interval. The fractured surface is carbonaceous.							
						DK	GY	BD	---	--	Py	0.1
219.46	225.55	6.09	MST	FG	Black, fine grained , strongly sheared mudstone. Pyrite occurs as sheared clasts and locally show en echelon shearing. Quartz-dolomite occurs as small, bleby, irregular veinlets. Quartz veinlets seem to replace dolomite.							
						DK	GY	SH	---	--	Py	2
225.55	227.12	1.57	MST	FG	Brecciated mudstone with subrounded dolostone clasts and irregular quartz veinlets.							
						DK	GY	BX	OXI	1I	Py	0.1
227.12	232.63	5.51	SLT	FG	Black, thin bedded siltstone with pyrite beds that are locally soft sediment deformed.							
						DK	GY	BD	---	--	Py	1
								SD				
232.63	241.76	9.13	SST	MG	Quartz grained sandstone with black matrix interbedded with soft sediment deformed shale. Slightly quartz veined pyrite occurs in small clasts. Towards the end of the interval the quartz grains become larger 1-1.5 cm. Quartz starts to occur on the fractured surface.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY	BD	---	--	Py	1
241.76	250.04	8.28	SLT	VF	Massive, dark grey siltstone with dissaminated pyrite in the matrix. Dissaminated realgar occurson the fractured surface and in matrix.							
						MD	GY	MA	---	--	Py	4
											Re	0.01
250.04	256.51	6.47	SLT	FG	Siltstone is interbedded with lighter grey coloured, sandier beds that are locally soft sediment deformed. Quartz veinlets are mainly irregular (mm). From ~250.0 m a 10 cm wide, quartz pebbled, black matrixed, sandstone bed occurs. Pyrite occurs in small clasts. Realgar is dissaminated and mainly appears in small scale fractures associated with clay infilling.							
						MD	GY	BD	---	--	Py	1
								SD			Re	0.1
256.51	257.25	0.74	SST	CG	Coarse, quartz grained sandstone. Rubbly interval with dissaminated pyrite in matrix. Slightly calcareous especially along the fractures.							
						LT	GY	RB	---	--	Py	10
								MA				
257.25	262.13	4.88	SLT	FG	From 257.65-258.02 m vuggy, brecciated sandstonewith calcareous fractured surface. From 258.02 m well-bedded siltstone with lighter, grey sandy beds that are locally soft sediment deformed. Pyrite occurs in small clasts (3 cm).							
						MD	GY	BD	---	--	Py	0.1
								RB				
262.13	265.18	3.05	SLT	FG	Rubbly interval of siltstone with realgar occuring on the fractured surface. From 264.40-264.50 m strongly realgar mineralized. Pyrite occurs in small clasts.							
						MD	GY	RB	---	--	Re	5
											Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
265.18	270.65	5.47	SLT	FG	The interval starts with fine grained, black veined dolostone (25 cm). The rest of the interval is interbedded siltstone with 1-5 cm light grey sandstone. Dissaminated pyrite occurs in the matrix. Bedding is locally wavy. White clay alteration occurs periodcally on the fractured surface.							
						MD	GY	BD	---	--	Py	1
270.65	276.34	5.69	SLT	FG	Vuggy textured siltstone, calcareous in the vugs. Siltstone is interbedded with wavy beds of lighter coloured, coarser grained sandstone. Pyrite occurs in small clasts.							
						MD	GY	VU	---	--	Py	1
								BD				
276.34	281.71	5.37	SLT	FG	Siltstone interbedded with lighter grey, sandy dolostone beds. Dolomite veining increased since last interval. Locally wavy bedding. Pyrite occurs in small stringers and irregular beds.							
						MD	GY	SD	---	--	Py	1
281.71	283.13	1.42	SLT	FG	Brecciated siltstone with large, subrounded clasts. Dolomite veinlets cross-cut the matrix and the brecciated clasts. Pyrite occurs in small seems and clasts (282.34 m).							
						MD	GY	BX	OXI	1I	Py	1
283.13	288.14	5.01	MST	FG	Sheared mudstone with soft sediment deformed and brecciated intervals. Realgar occurs in small seems replacing quartz. The clasts are light grey coloured limestone.							
						MD	GY	BX	OXI	1I	Re	0.1
								SH				
								SD			Py	2
288.14	292.47	4.33	MST	FG	Soft sediment deformed, massive, black mudstone with some dolomite veinlets. Pyrite is massive and replaces silty beds locally.							
						DK	BK	MA	---	--	Py	40
								SD				
292.47	294.95	2.48	MST	FG	Soft sediment deformed, fine grained siltstone brecciated with large (10 cm) subrounded, light grey limestone clasts.							
						DK	BK	BX	---	--	Py	40

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
294.95	301.75	6.80	MST	FG	Soft sediment deformed, black mudstone with increased calcite veining (closer to limestone contact). Pyriteoccurs along bedding. Matrix is slightly calcareous and shows 2 generations of of calcite veins that are cross-cutting the matrix.							
						DK	BK	SD	OXI	1I	Py	40
301.75	303.73	1.98	MST	FG	Dark, massive siltstone interbedded with light grey limestone. Calcite veining increased since last interval. Pyrite % decreased since last interval.							
						LT	GY					
						DK	BK	BD	---	--	Py	0.1
303.73	304.66	0.93	SST	MG	Quartz pebble sandstone, calcite veined with dark matrix.							
						DK	BK	MA	---	--	Py	0.1
304.66	315.20	10.54	LST	FG	Light grey bedded limestone with calcite veining up to 1 cm, locally styolitic.							
						LT	GY	BD	---	--	--	0
315.20	323.41	8.21	SLT	FG	Interbedded siltstone with minor limestone beds/clasts. Trace realgar within calcite veins.							
						DK	GY	BD	---	--	Re	0.01
323.41	335.28	11.87	SLT	FG	Strongly mineralized and sheared siltstone with minor calcite veining. Minor interbedded limestone. Pervasive realgar and realgar within veins.							
						DK	GN	SH				
						DK	GY	BD	ASO	3I	Re	10
335.28	352.00	16.72	SLT	FG	Folded and sheared siltstone with minor limestone beds and clasts. Realgar within calcite veinlets.							
						DK	GY	BD	---	--	Re	0.1
											Py	1
352.00	354.54	2.54	LST	FG	Moderately mineralized limestone with realgar within veins.							
						MD	GY	---	ASO	2I	Re	3
											Py	0.1
354.54	363.20	8.66	SLT	FG	Interbedded siltstone and limestone (80%/20%, respectively) with trace to weak realgar mineralization and interbedded "starry night" conglomerate. Realgar within calcite veins.							
						DK	GY	SH	---	--	Re	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
363.20	392.67	29.47	LST	FG	Limestone interbedded with minor siltstone. Prevalent calcite veining; some vuggy. Trace realgar mineralization within veins.							
						MD	GY	BD	---	--	Re	0.01
								VU				
392.67	404.15	11.48	LST	FG	Limestone with prevalent calcite veining and weak to moderate realgar mineraliation. Black, irregular, clay-rich/jasperoid sections up to 5 cm wide. Trace styolites.							
						MD	GY	BD	---	--	Re	0.5
								VU				
404.15	405.40	1.25	LST	FG	Irregular, strongly mineralized calcite vein up to 3 cm thick at 0 degrees TCA over whole interval.							
						MD	GY	---	---	--	Re	15
405.40	418.46	13.06	LST	FG	Limestone with prevalent calcite veining and weak to moderate realgar mineraliation. Black, irregular, clay-rich/jasperoid sections up to 5 cm wide. Trace styolites.							
						MD	GY	BD	---	--	Re	0.5
								VU				
418.46	428.65	10.19	LST	FG	Moderately mineralized limestone with pervasive realgar and realgar within prevalent, sometimes vuggy calcite veins. Irregular, black, clay-rich/jasperoid(?) sections up to 5 cm wide.							
						MD	GY	BD	---	--	Re	1
						DK	GY	VU				
428.65	430.37	1.72	LST	FG	Weakly reactive limestone hosting significant blebby and massive realgar mineralization. Moderate calcite veining.							
						MD	GN	---	ASO	4I	Re	40
						MD	OR					
430.37	440.26	9.89	LST	FG	Limestone with vuggy calcite veins (approx. 4 per metre) up to 1 cm wide and weak realgar mineralization (as blebs and disseminated in veins), and clay-rich/jasperoid(?) sections up to 2 cm wide.							
						DK	GY	VU	ASO	2I	Re	0.5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
440.26	441.90	1.64	LST	FG	Strongly altered limestone with one, 10 cm wide section of massive realgar. Rest of interval comprises patchy clay-rich/jasperoid(?) and more competent limestone with arsenic oxide staining.							
						MD	OR	---	ASO	4I	Re	1
						MD	BN		DCA	4I		
441.90	450.87	8.97	LST	FG	Bedded limestone with clay-rich/jasperoid(?) sections up to 20 cm wide. Arsenic oxide on fracture surfaces, realgar within calcite veins which occur frequently, (approximately 10 per m), and as blebs.							
						DK	GY	BD	ASO	3I	Re	3
450.87	458.89	8.02	LST	FG	Weakly to moderately mineralized limestone with darker/less reactive and lighter, less altered and more reactive interbeds. Realgar occurs as blebs, as fill within calcite veins, and massively in one, 3 cm wide section.							
						MD	GY	BD	ASO	3I	Re	2
						DK	GY					
458.89	465.15	6.26	LST	FG	Unaltered to weakly altered, thin bedded limestone with calcite flooding and prevalent, irregular calcite veining. Trace realgar.							
						MD	GY	BD	---	--	Re	0.01
						DK	GY					
465.15	466.96	1.81	LST	FG	Moderately to strongly altered limestone with blebby and pervasive realgar, calcite veining and black, clay-rich sections up to 4 cm wide.							
						MD	GY	---	---	--	Re	3
						DK	GY					
466.96	474.75	7.79	LST	FG	Moderately calcite veined (sometimes vuggy) limestone with trace styolites. Minor shearing.							
						MD	GY	VU	---	--	--	0
								SH				
474.75	482.54	7.79	LST	FG	Weakly sheared/folded limestone with black, sooty, clay-rich sections up to 5 cm wide. Weakly calcite veined; some sandier interbeds up to 10 cm wide.							
						DK	GY	SH	---	--	Py	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
482.54	483.42	0.88	INT	CG	Green-grey phenocrysts within grey, clay-rich zone. Sheared with limestone.							
						MD	GY	SH	SER	3I	--	0
						MD	GN	PO				
483.42	504.22	20.80	LST	FG	Variably bedded limestone with weak to moderate calcite veining, thin sandy interbeds and trace styolites.							
						DK	GY	BD	---	--	--	0
504.22	524.52	20.30	LST	FG	Variably bedded limestone with moderate calcite veining and styolites. Very fine grained bands of pyrite and black, sooty, clay-rich sections up to 10 cm wide.							
						DK	GY	BD	---	--	Py	0.1
524.52	531.95	7.43	LST	FG	Very strongly calcite veined limestone with frequent styolites (5 per metre), and minor soft sediment deformation. When present, black, sooty, clay-rich intervals are smaller than before - up to 1 cm wide. Trace sandy intervals up to 2 cm wide.							
						MD	GY	BD	---	--	--	0
								SD				
531.95	547.03	15.08	LST	FG	Moderately calcite veined limestone with minor soft sediment deformation and/or folding. Frequent styolites. Sooty intervals infrequent until near contact with intrusive at end of interval, reaching up to 3 cm in width.							
						DK	GY	BD	---	--	--	0
								SD				
547.03	547.23	0.20	INT	CG	Intermediate intrusive dyke with green fluorite phenocrysts up to 2 mm wide.							
						MD	GY					
						LT	GY	PO	SER	3I	Fl	0.01
547.23	548.10	0.87	LST	FG	Thin bedded limestone with frequent calcite veining.							
						MD	GY	BD	---	--	--	0
						DK	GY					
548.10	548.51	0.41	INT	CG	Intermediate intrusive dyke with green fluorite phenocrysts up to 3 mm wide.							
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	PO	SER	3I	Fl	0.01
548.51	549.97	1.46	LST	FG	Calcite veined limestone with minor black, sooty sections up to 1 cm wide.							
						MD	GY					
						LT	GY	BD	---	--	--	0
549.97	550.58	0.61	INT	CG	Intermediate intrusive dyke with green fluorite phenocrysts up to 8 mm wide.							
						LT	GY	PO	SER	3I	Fl	0.1
550.58	570.12	19.54	LST	FG	Thin bedded limestone with soft sediment deformation and flame textures. Sandy interbeds up to 5 cm and styolites (few per metre) present. Dark, clay-rich, sooty intervals up to 5 cm prevalent near end of interval.							
						DK	GY	BD	---	--	--	0
								SD				
570.12	576.58	6.46	LST	FG	Interbedded limestone/dolostone (weakly reactive, dolomite veining?, silty interbed?) with "dolostone" more prevalent. Significant calcite veining, crackle texture.							
						MD	GY	CR	---	--	--	0
576.58	594.82	18.24	LST	FG	Moderately to strongly calcite veined limestone (five, 1 cm wide veins per metre, many more smaller). Infrequent black, sooty, clay-rich intervals (up to 0.5 cm, every metre). Frequent mm-scale styolites (5 per metre).							
						MD	GY	---	---	--	--	0
						DK	GY					
594.82	596.03	1.21	LST	FG	Strongly mineralized interval with massive to pervasive realgar occuring three times over 10-15 cm wide each. Black, sooty material for 5 cm and a 10 cm wide calcite vein as well as minor weaker altered limestone.							
						DK	OR	MA	---	--	Re	20
						DK	BK					
596.03	600.48	4.45	LST	FG	Limestone interbedded with at least ten, 0.5-3 cm wide black, sooty, clay-rich sections. Weak to moderate calcite stringers throughout (10-20 per metre); sometimes vuggy. Styolites present (few per metre).							
						DK	GY	BD	---	--	--	0
								VU				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
600.48	626.65	26.17	LST	FG	Moderately calcite veined limestone with trace realgar, present as blebs and in calcite veins. Sandier/more crystalline interbeds occuring, up to 1 m wide.							
						MD	GY	---	---	--	Re	0.1
						DK	GY					
626.65	632.47	5.82	LST	FG	Well bedded limestone with rare calcite veining. Styolites occur every few 10s of cms along prominent bedding plane of approximately 35 degrees TCA.							
						DK	GY	BD	---	--	--	0
632.47	637.47	5.00	LST	FG	Less prominently bedded limestone with moderate calcite veining and moderate styolites at irregular orientations (few per metre).							
						MD	GY	BD	---	--	--	0
						DK	GN					
637.47	639.17	1.70	LST	FG	Very well bedded limestone with trace calcite veining. Rare styolites along bedding planes.							
						DK	GY	BD	---	--	--	0
639.17	648.69	9.52	LST	FG	Massive to thin bedded limestone with sandy interbeds up to 15 cm wide. Calcite flooding and veining present; sometimes vuggy. Rare sooty intervals at fractures. Rare styolites.							
						MD	GY	BD	---	--	--	0
						DK	GY	VU				
648.69	651.90	3.21	LST	FG	Well bedded limestone with moderate calcite veining and mm-scale styolites along bedding planes. At least one, 1 cm wide sooty, clay-rich section.							
						DK	GY	BD	---	--	--	0
						DK	GN					
651.90	654.13	2.23	LST	FG	Massive, infrequently bedded limestone with moderate to strong calcite veining (up to 30-40 veinlets/stringers per metre).							
						MD	GY	BD	---	--	--	0
						DK	GY					
654.13	659.90	5.77	LST	FG	Massive to thin bedded limestone with moderate calcite veining; sometimes vuggy. Styolites every 10 cm to 10s of cms; irregular and along bedding planes. Arsenic oxide on most fracture surfaces within this interval.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD	ASO	2I	--	0
						DK	GY	VU				
659.90	672.08	12.18	LST	FG	Massive to well bedded limestone with weak calcite veining (approximately 10 stringers/veinlets per metre). Rare mm-scale styolites.							
						DK	GY	BD	---	--	--	0
672.08	676.04	3.96	LST	FG	Calcite flooded/strongly calcite veined (sometimes vuggy), massive limestone.							
						MD	GY	MA	---	--	--	0
						DK	GY	VU				
676.04	678.77	2.73	LST	FG	Thin bedded, weakly to moderately calcite veined limestone with trace vugs.							
						DK	GY	BD	---	--	--	0
								VU				
678.77	684.57	5.80	LST	FG	Interbedded thin bedded to massive limestone with moderate calcite veining and trace orpiment on some fracture surfaces.							
						MD	GY	BD	---	--	Om	0.01
						DK	GY	MA				
684.57	691.92	7.35	LST	FG	Thin bedded limestone with minor massive and sandier interbeds. Rare mm-scale styolites.							
						DK	GY	BD	---	--	--	0
691.92	704.09	12.17	LST	FG	Interbedded "zebra stripe", sandy, massive and thin bedded limestone with weak to moderate calcite veining; sometimes vuggy. Rare mm-scale styolites.							
						MD	GY	BD	---	--	--	0
						DK	GY	VU				

OS -14-228

Nadaleen
Conrad Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.86	3.86	0	0	0.00	0	--	--	--	
3.86	4.57	0.71	0.71	100	0.00	0	0R	1H	3W	
4.57	6.10	1.53	0.68	44	0.00	0	0R	1H	3W	
6.10	7.62	1.52	0.63	41	0.00	0	0R	1H	3W	
7.62	9.15	1.53	0.96	63	0.00	0	0R	2H	3W	
9.15	10.67	1.52	0.74	49	0.00	0	0R	1H	3W	
10.67	12.19	1.52	0.65	43	0.00	0	0R	1H	3W	
12.19	13.72	1.53	1.07	70	0.00	0	0R	2H	3W	
13.72	15.24	1.52	1.34	88	0.00	0	0R	1H	3W	
15.24	16.76	1.52	1.22	80	0.00	0	0R	2H	3W	
16.76	18.29	1.53	1.21	79	0.11	7	1R	1H	3W	
18.29	19.81	1.52	0.98	64	0.00	0	1R	3H	3W	
19.81	21.34	1.53	1.53	100	0.64	42	1R	3H	3W	
21.34	22.86	1.52	0.29	19	0.00	0	1R	3H	3W	
22.86	24.38	1.52	1.45	95	0.21	14	1R	2H	3W	
24.38	25.91	1.53	1.53	100	0.10	7	1R	3H	3W	
25.91	27.43	1.52	1.52	100	0.20	13	0R	3H	3W	
27.43	28.96	1.53	0.64	42	0.00	0	0R	2H	3W	
28.96	30.48	1.52	1.52	100	0.26	17	0R	1H	3W	
30.48	32.00	1.52	1.43	94	0.00	0	0R	1H	3W	
32.00	33.53	1.53	1.14	75	0.00	0	0R	1H	3W	
33.53	35.05	1.52	1.17	77	0.00	0	0R	1H	3W	
35.05	36.58	1.53	1.08	71	0.00	0	0R	1H	3W	
36.58	38.10	1.52	1.52	100	0.00	0	0R	1H	3W	
38.10	39.62	1.52	1.49	98	0.00	0	0R	1H	3W	
39.62	41.15	1.53	1.44	94	0.00	0	0R	1H	3W	
41.15	42.67	1.52	1.52	100	0.00	0	0R	1H	2W	
42.67	44.20	1.53	1.37	90	0.00	0	0R	1H	1W	
44.20	45.72	1.52	1.52	100	0.35	23	0R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
45.72	47.24	1.52	1.52	100	0.95	63	0R	2H	1W	
47.24	48.77	1.53	1.53	100	0.47	31	0R	2H	1W	
48.77	50.29	1.52	1.45	95	0.61	40	0R	2H	1W	
50.29	51.82	1.53	1.47	96	0.68	44	0R	2H	1W	
51.82	53.34	1.52	1.52	100	1.27	84	0R	2H	1W	
53.34	54.86	1.52	1.52	100	1.28	84	0R	1H	1W	
54.86	56.39	1.53	1.53	100	0.77	50	0R	1H	1W	
56.39	57.91	1.52	1.52	100	0.79	52	0R	1H	1W	
57.91	59.44	1.53	1.53	100	1.18	77	0R	1H	1W	
59.44	60.96	1.52	1.52	100	0.97	64	0R	1H	1W	
60.96	62.48	1.52	1.48	97	0.64	42	0R	1H	1W	
62.48	64.01	1.53	1.53	100	0.50	33	0R	1H	1W	
64.01	65.53	1.52	1.52	100	1.25	82	0R	1H	1W	
65.53	67.06	1.53	1.53	100	0.39	25	0R	1H	1W	
67.06	68.58	1.52	1.4	92	0.85	56	0R	1H	1W	
68.58	70.10	1.52	1.52	100	0.00	0	0R	1H	1W	
70.10	71.63	1.53	1.53	100	0.85	56	0R	1H	1W	
71.63	73.15	1.52	1.52	100	1.45	95	0R	1H	1W	
73.15	74.67	1.52	1.52	100	0.54	36	0R	1H	1W	
74.67	76.20	1.53	1.53	100	0.77	50	0R	2H	1W	
76.20	77.72	1.52	1.24	82	1.07	70	0R	2H	2W	
77.72	79.25	1.53	1.4	92	0.99	65	1R	2H	2W	
79.25	80.77	1.52	1.45	95	1.02	67	0R	1H	1W	
80.77	82.30	1.53	1.53	100	0.90	59	0R	1H	1W	
82.30	83.82	1.52	1.52	100	1.09	72	0R	1H	1W	
83.82	85.34	1.52	1.52	100	0.60	39	0R	2H	1W	
85.34	86.87	1.53	1.53	100	1.24	81	0R	1H	1W	
86.87	88.39	1.52	1.52	100	1.36	89	0R	2H	1W	
88.39	89.92	1.53	1.46	95	0.42	27	0R	2H	1W	
89.92	91.44	1.52	1.52	100	0.98	64	0R	2H	1W	
91.44	92.96	1.52	1.52	100	1.18	78	0R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
92.96	94.49	1.53	1.53	100	0.87	57	0R	2H	1W	
94.49	96.01	1.52	1.41	93	0.87	57	0R	2H	1W	
96.01	97.54	1.53	1.53	100	1.03	67	0R	2H	1W	
97.54	99.06	1.52	1.52	100	0.89	59	0R	2H	1W	
99.06	100.58	1.52	1.52	100	1.00	66	0R	2H	1W	
100.58	102.11	1.53	1.53	100	1.07	70	0R	2H	1W	
102.11	103.63	1.52	1.36	89	0.88	58	0R	2H	2W	
103.63	105.16	1.53	1.53	100	0.95	62	0R	2H	1W	
105.16	106.68	1.52	1.42	93	1.34	88	0R	2H	1W	
106.68	108.20	1.52	1.43	94	0.68	45	0R	2H	1W	
108.20	109.73	1.53	1.53	100	0.96	63	0R	2H	1W	
109.73	111.25	1.52	1.52	100	1.21	80	0R	2H	1W	
111.25	112.78	1.53	1.5	98	1.39	91	0R	2H	2W	
112.78	114.30	1.52	1.52	100	0.59	39	0R	2H	2W	
114.30	115.82	1.52	1.52	100	0.87	57	0R	2H	2W	
115.82	117.35	1.53	1.48	97	0.56	37	0R	2H	2W	
117.35	118.87	1.52	1.52	100	0.91	60	0R	2H	1W	
118.87	120.40	1.53	1.5	98	0.92	60	0R	3H	1W	
120.40	121.92	1.52	1.52	100	1.29	85	0R	3H	1W	
121.92	123.44	1.52	1.52	100	1.11	73	0R	4H	1W	
123.44	124.97	1.53	1.53	100	0.66	43	0R	3H	1W	
124.97	126.49	1.52	1.52	100	0.95	63	0R	3H	1W	
126.49	128.02	1.53	1.49	97	1.15	75	0R	3H	1W	
128.02	129.54	1.52	1.39	91	1.15	76	0R	4H	1W	
129.54	131.06	1.52	1.52	100	0.96	63	0R	4H	1W	
131.06	132.59	1.53	1.53	100	1.20	78	0R	4H	1W	
132.59	134.11	1.52	1.4	92	0.72	47	0R	4H	1W	
134.11	135.64	1.53	1.53	100	0.60	39	0R	4H	1W	
135.64	137.16	1.52	1.52	100	1.38	91	0R	3H	1W	
137.16	138.68	1.52	1.43	94	1.34	88	0R	3H	1W	
138.68	140.21	1.53	1.43	93	1.12	73	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
140.21	141.73	1.52	1.51	99	1.05	69	0R	3H	1W	
141.73	143.26	1.53	1.53	100	1.28	84	0R	3H	1W	
143.26	144.78	1.52	1.52	100	1.52	100	0R	3H	1W	
144.78	146.30	1.52	1.46	96	1.38	91	0R	3H	1W	
146.30	147.83	1.53	1.51	99	1.25	82	0R	3H	1W	
147.83	149.35	1.52	1.5	99	1.31	86	0R	3H	1W	
149.35	150.88	1.53	1.53	100	1.33	87	0R	3H	1W	
150.88	152.40	1.52	1.52	100	1.38	91	0R	3H	1W	
152.40	153.92	1.52	1.45	95	1.20	79	0R	3H	1W	
153.92	155.45	1.53	1.53	100	1.35	88	0R	3H	1W	
155.45	156.97	1.52	1.45	95	1.33	88	0R	3H	1W	
156.97	158.50	1.53	1.53	100	1.32	86	0R	3H	1W	
158.50	160.02	1.52	1.47	97	0.72	47	0R	4H	1W	
160.02	161.54	1.52	1.52	100	0.43	28	0R	2H	1W	
161.54	163.07	1.53	1.53	100	0.92	60	0R	3H	1W	
163.07	164.59	1.52	1.52	100	0.89	59	0R	3H	1W	
164.59	166.12	1.53	1.53	100	0.30	20	0R	3H	1W	
166.12	167.64	1.52	1.52	100	0.64	42	0R	3H	1W	
167.64	169.16	1.52	1.48	97	1.27	84	0R	3H	1W	
169.16	170.69	1.53	1.53	100	1.33	87	0R	3H	1W	
170.69	172.21	1.52	1.41	93	1.05	69	0R	3H	1W	
172.21	173.74	1.53	1.53	100	1.22	80	0R	3H	1W	
173.74	175.26	1.52	1.47	97	1.45	95	0R	3H	1W	
175.26	176.78	1.52	1.52	100	1.33	88	0R	3H	1W	
176.78	178.31	1.53	1.4	92	0.81	53	0R	3H	1W	
178.31	179.83	1.52	1.52	100	1.39	91	0R	3H	1W	
179.83	181.36	1.53	1.41	92	1.33	87	0R	3H	1W	
181.36	182.88	1.52	1.52	100	1.42	93	0R	3H	1W	
182.88	184.40	1.52	1.49	98	1.28	84	0R	3H	1W	
184.40	185.93	1.53	1.53	100	1.19	78	0R	3H	1W	
185.93	187.45	1.52	1.52	100	0.84	55	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
187.45	188.98	1.53	1.53	100	0.43	28	0R	2H	1W	
188.98	190.50	1.52	1.52	100	0.47	31	0R	2H	1W	
190.50	192.02	1.52	1.52	100	0.44	29	0R	2H	1W	
192.02	193.55	1.53	1.52	99	0.78	51	0R	3H	1W	
193.55	195.07	1.52	1.52	100	1.02	67	0R	3H	1W	
195.07	196.60	1.53	1.53	100	0.81	53	0R	3H	1W	
196.60	198.12	1.52	1.52	100	0.84	55	0R	3H	1W	
198.12	199.64	1.52	1.52	100	1.04	68	0R	3H	1W	
199.64	201.17	1.53	1.51	99	0.75	49	0R	3H	1W	
201.17	202.69	1.52	1.52	100	1.19	78	0R	3H	1W	
202.69	204.22	1.53	1.42	93	0.66	43	0R	3H	1W	
204.22	207.26	3.04	2.88	95	1.78	59	0R	4H	1W	
207.26	210.31	3.05	3.05	100	3.04	100	0R	3H	1W	
210.31	213.36	3.05	3	98	2.09	69	0R	3H	1W	
213.36	216.41	3.05	3.05	100	1.86	61	0R	3H	1W	
216.41	219.46	3.05	3.05	100	2.68	88	0R	3H	1W	
219.46	222.50	3.04	3.04	100	2.81	92	0R	2H	1W	
222.50	225.55	3.05	3.05	100	3.05	100	0R	4H	1W	
225.55	228.60	3.05	2.99	98	2.43	80	0R	3H	1W	
228.60	231.65	3.05	3.05	100	2.03	67	0R	3H	1W	
231.65	234.70	3.05	3.04	100	2.36	77	0R	3H	1W	
234.70	237.74	3.04	2.92	96	2.13	70	0R	3H	1W	
237.74	240.79	3.05	3.03	99	2.04	67	0R	3H	1W	
240.79	243.84	3.05	3.05	100	2.01	66	0R	3H	1W	
243.84	246.89	3.05	3.05	100	2.81	92	0R	3H	1W	
246.89	249.94	3.05	3.03	99	2.81	92	0R	3H	1W	
249.94	252.98	3.04	2.98	98	1.25	41	0R	3H	1W	
252.98	256.03	3.05	3.05	100	1.58	52	0R	3H	1W	
256.03	259.08	3.05	3.05	100	1.08	35	0R	3H	1W	
259.08	262.13	3.05	2.95	97	1.40	46	0R	3H	1W	
262.13	265.18	3.05	3.05	100	0.43	14	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
265.18	267.31	2.13	2.03	95	0.64	30	0R	3H	1W	
267.31	270.36	3.05	2.85	93	1.78	58	0R	3H	1W	
270.36	273.41	3.05	2.92	96	1.37	45	0R	3H	1W	
273.41	276.15	2.74	2.74	100	0.31	11	0R	3H	1W	
276.15	279.20	3.05	2.93	96	0.64	21	0R	3H	1W	
279.20	282.24	3.04	3.04	100	1.44	47	0R	3H	1W	
282.24	285.29	3.05	3.05	100	1.03	34	0R	3H	1W	
285.29	288.34	3.05	3.05	100	2.10	69	0R	3H	1W	
288.34	289.56	1.22	1.19	98	0.38	31	0R	3H	1W	
289.56	292.61	3.05	3.02	99	2.37	78	0R	3H	1W	
292.61	295.66	3.05	3.02	99	0.90	30	2R	3H	1W	
295.66	298.70	3.04	3.04	100	2.27	75	0R	3H	1W	
298.70	301.75	3.05	3.04	100	2.71	89	0R	3H	1W	
301.75	304.80	3.05	2.99	98	2.37	78	4R	4H	1W	
304.80	307.85	3.05	3.05	100	1.86	61	4R	4H	1W	
307.85	310.90	3.05	3.05	100	1.45	48	4R	4H	1W	
310.90	313.94	3.04	3.04	100	2.18	72	4R	3H	1W	
313.94	316.99	3.05	3.05	100	2.70	89	3R	2H	1W	
316.99	320.04	3.05	3.05	100	2.05	67	0R	2H	1W	
320.04	323.09	3.05	3.05	100	2.42	79	1R	2H	2W	
323.09	326.14	3.05	2.99	98	2.31	76	1R	1H	2W	
326.14	329.18	3.04	3.04	100	2.14	70	1R	1H	1W	
329.18	332.23	3.05	3.05	100	2.89	95	1R	2H	2W	
332.23	335.28	3.05	3.05	100	2.56	84	2R	2H	1W	
335.28	338.33	3.05	3.05	100	2.49	82	3R	1H	1W	
338.33	341.38	3.05	3.05	100	3.03	99	2R	1H	1W	
341.38	344.42	3.04	3.04	100	3.00	99	4R	2H	2W	
344.42	347.47	3.05	3.05	100	3.05	100	2R	2H	1W	
347.47	350.52	3.05	3.05	100	3.05	100	2R	2H	1W	
350.52	353.57	3.05	3.05	100	3.03	99	3R	2H	1W	
353.57	356.62	3.05	3.05	100	2.42	79	1R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
356.62	359.66	3.04	3.04	100	2.61	86	2R	2H	1W	interbedded HCL reaction of 0 and 3
359.66	362.71	3.05	3.05	100	2.31	76	1R	3H	1W	some HCL reactions of 2
362.71	365.76	3.05	3.05	100	2.27	74	3R	3H	1W	
365.76	368.81	3.05	3.05	100	1.97	65	2R	3H	1W	
368.81	371.86	3.05	3.05	100	2.05	67	2R	3H	1W	
371.86	374.90	3.04	3.04	100	1.85	61	3R	4H	1W	
374.90	377.95	3.05	3.03	99	2.63	86	3R	3H	1W	
377.95	381.00	3.05	3.05	100	2.64	87	4R	3H	1W	
381.00	384.05	3.05	3.05	100	2.91	95	4R	3H	1W	
384.05	387.10	3.05	2.99	98	2.99	98	4R	4H	1W	
387.10	390.14	3.04	3.04	100	2.31	76	4R	4H	1W	
390.14	393.19	3.05	2.95	97	2.67	88	4R	4H	1W	
393.19	396.24	3.05	3.02	99	2.58	85	4R	4H	1W	
396.24	399.29	3.05	2.96	97	2.88	94	4R	4H	1W	
399.29	402.34	3.05	2.92	96	2.92	96	4R	3H	1W	
402.34	405.38	3.04	3.04	100	2.73	90	4R	4H	1W	
405.38	408.43	3.05	3.05	100	2.61	86	4R	4H	1W	
408.43	411.48	3.05	3.05	100	2.62	86	4R	4H	1W	
411.48	414.53	3.05	3.05	100	2.96	97	4R	4H	1W	
414.53	417.58	3.05	3.05	100	2.97	97	4R	4H	1W	
417.58	420.62	3.04	2.95	97	2.79	92	4R	4H	1W	
420.62	423.67	3.05	3.05	100	2.51	82	4R	4H	1W	
423.67	426.72	3.05	3.05	100	1.88	62	4R	4H	1W	
426.72	429.77	3.05	3.05	100	2.31	76	3R	4H	1W	
429.77	432.82	3.05	3.05	100	1.99	65	2R	3H	1W	
432.82	435.86	3.04	3.04	100	2.77	91	3R	4H	1W	
435.86	438.91	3.05	3.03	99	2.68	88	3R	3H	1W	
438.91	441.96	3.05	2.97	97	0.68	22	2R	2H	1W	
441.96	445.01	3.05	3	98	2.65	87	4R	3H	1W	
445.01	448.06	3.05	3.05	100	2.79	91	3R	4H	1W	
448.06	451.10	3.04	3.04	100	2.65	87	3R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
451.10	454.15	3.05	3.05	100	2.66	87	3R	4H	1W	
454.15	457.20	3.05	3.05	100	2.98	98	3R	4H	1W	
457.20	460.25	3.05	3.03	99	2.76	90	3R	4H	1W	
460.25	463.30	3.05	3.05	100	2.61	86	3R	4H	1W	
463.30	466.34	3.04	3.04	100	2.00	66	4R	4H	1W	
466.34	469.39	3.05	3.05	100	2.97	97	3R	4H	1W	
469.39	472.44	3.05	3.05	100	2.69	88	3R	4H	1W	
472.44	475.49	3.05	3.05	100	2.33	76	3R	3H	1W	
475.49	478.54	3.05	3	98	2.02	66	3R	4H	1W	
478.54	481.58	3.04	2.99	98	2.30	76	2R	3H	1W	
481.58	484.63	3.05	3.05	100	2.74	90	3R	3H	1W	
484.63	487.68	3.05	3.05	100	3.00	98	4R	4H	1W	
487.68	490.73	3.05	3	98	3.00	98	4R	4H	1W	
490.73	493.78	3.05	3.02	99	2.33	76	4R	4H	1W	
493.78	496.82	3.04	2.95	97	2.79	92	4R	4H	1W	
496.82	499.87	3.05	3.05	100	2.75	90	4R	4H	1W	
499.87	502.92	3.05	3.05	100	2.45	80	3R	4H	1W	
502.92	505.97	3.05	2.99	98	2.38	78	2R	3H	1W	
505.97	509.02	3.05	3.02	99	2.36	77	4R	4H	1W	
509.02	512.06	3.04	3.01	99	1.70	56	3R	3H	1W	some HCL reaction of 1
512.06	515.11	3.05	3.05	100	2.05	67	3R	3H	1W	
515.11	518.16	3.05	3	98	1.93	63	1R	3H	1W	
518.16	521.21	3.05	3.01	99	1.88	62	3R	3H	1W	
521.21	524.26	3.05	3.05	100	2.66	87	4R	4H	1W	
524.26	527.30	3.04	3.04	100	2.70	89	4R	3H	1W	
527.30	530.35	3.05	3.03	99	2.99	98	4R	4H	1W	
530.35	533.40	3.05	3.02	99	2.74	90	4R	4H	1W	
533.40	536.45	3.05	3.05	100	2.43	80	4R	4H	1W	
536.45	539.50	3.05	3.05	100	2.18	71	4R	4H	1W	
539.50	542.54	3.04	3.04	100	2.15	71	4R	4H	1W	
542.54	545.59	3.05	3.05	100	2.14	70	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
545.59	548.64	3.05	3.05	100	2.06	68	3R	3H	1W	
548.64	551.69	3.05	3.05	100	1.48	49	3R	4H	1W	
551.69	554.74	3.05	3.03	99	2.55	84	3R	4H	1W	
554.74	557.78	3.04	3.03	100	2.60	86	4R	4H	1W	
557.78	560.83	3.05	3.05	100	2.79	91	4R	4H	1W	
560.83	563.88	3.05	3.05	100	2.45	80	4R	4H	1W	
563.88	566.93	3.05	3.02	99	1.83	60	4R	3H	1W	
566.93	569.98	3.05	3.05	100	2.30	75	4R	4H	1W	
569.98	573.02	3.04	3.04	100	1.98	65	3R	4H	1W	
573.02	576.07	3.05	3.03	99	2.77	91	3R	4H	1W	
576.07	579.12	3.05	3.05	100	2.58	85	4R	4H	1W	
579.12	582.17	3.05	3.04	100	2.55	84	4R	4H	1W	
582.17	585.22	3.05	3.05	100	3.05	100	4R	4H	1W	
585.22	588.26	3.04	3.01	99	2.50	82	4R	4H	1W	
588.26	591.31	3.05	3.05	100	2.70	89	4R	4H	1W	
591.31	594.36	3.05	3.05	100	2.65	87	4R	4H	1W	
594.36	597.41	3.05	2.85	93	1.38	45	3R	3H	1W	
597.41	600.46	3.05	3.05	100	1.71	56	4R	4H	1W	
600.46	603.50	3.04	3.04	100	2.95	97	4R	4H	1W	
603.50	606.55	3.05	3.05	100	2.87	94	4R	4H	1W	
606.55	609.60	3.05	3.05	100	2.59	85	4R	4H	1W	
609.60	612.65	3.05	3.05	100	2.04	67	4R	4H	1W	
612.65	615.70	3.05	3.05	100	2.60	85	4R	4H	1W	
615.70	618.74	3.04	2.97	98	2.62	86	4R	4H	1W	
618.74	621.79	3.05	3.05	100	3.01	99	4R	4H	1W	
621.79	624.84	3.05	3.05	100	2.83	93	4R	4H	1W	
624.84	627.89	3.05	3.05	100	2.18	71	4R	4H	1W	
627.89	630.94	3.05	3.05	100	2.77	91	4R	4H	1W	
630.94	633.98	3.04	3.04	100	2.50	82	4R	4H	1W	
633.98	637.03	3.05	3.03	99	2.63	86	4R	4H	1W	
637.03	640.08	3.05	3.05	100	2.57	84	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
640.08	643.13	3.05	3.05	100	2.97	97	4R	4H	1W	
643.13	646.18	3.05	3.02	99	2.75	90	4R	4H	1W	
646.18	649.22	3.04	3.04	100	2.37	78	4R	4H	1W	
649.22	652.27	3.05	3.02	99	2.50	82	4R	4H	1W	
652.27	655.32	3.05	2.95	97	2.91	95	4R	4H	1W	
655.32	658.37	3.05	3.05	100	2.46	81	4R	4H	1W	
658.37	661.42	3.05	2.96	97	1.99	65	4R	4H	1W	
661.42	664.46	3.04	3.04	100	2.54	84	4R	4H	1W	
664.46	667.51	3.05	3.05	100	2.11	69	4R	4H	1W	
667.51	670.56	3.05	3.05	100	2.56	84	4R	4H	1W	
670.56	673.61	3.05	3.01	99	2.56	84	4R	4H	1W	
673.61	676.66	3.05	3.05	100	2.67	88	4R	4H	1W	
676.66	679.70	3.04	3.04	100	2.06	68	4R	4H	1W	
679.70	682.75	3.05	3.01	99	2.71	89	4R	4H	1W	
682.75	685.80	3.05	3.05	100	2.73	90	3R	4H	1W	
685.80	688.85	3.05	3.04	100	2.69	88	3R	4H	1W	
688.85	691.90	3.05	3.01	99	2.62	86	3R	4H	1W	
691.90	694.94	3.04	3.04	100	2.37	78	3R	4H	1W	
694.94	697.99	3.05	3.05	100	2.66	87	3R	4H	1W	
697.99	701.04	3.05	3.03	99	2.81	92	3R	4H	1W	
701.04	704.09	3.05	3.05	100	1.80	59	4R	4H	1W	

OS -14-228

Nadaleen
Conrad Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	K310785	14-026	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310885	14-029	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310879	14-029	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310862	14-029	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310852	14-028	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310850	14-028	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310838	14-028	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310827	14-028	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310822	14-027	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310815	14-027	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310650	14-023			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310799	14-027	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310779	14-026	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310690	14-024			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310654	14-023		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310661	14-023			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310804	14-027	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310684	14-024		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310774	14-026	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310697	14-024		CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310707	14-024			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310721	14-025	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310730	14-025	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310735	14-025	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310744	14-025	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310764	14-026	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310672	14-023		CS2	☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
7.62	13.72	6.10	MST, -?-	4.49	74	Q052122	14-C04			☐	☐	☐
13.72	19.81	6.09	MST	4.75	78	Q052123	14-C04			☐	☐	☐
19.81	25.91	6.10	SLT	4.80	79	Q052124	14-C04			☐	☐	☐
25.91	32.00	6.09	DST	5.11	84	Q052125	14-C04			☐	☐	☐
32.00	38.10	6.10	SLT	4.91	80	Q052126	14-C04			☐	☐	☐
38.10	44.20	6.10	SLT	5.82	95	Q052127	14-C04			☐	☐	☐
44.20	50.29	6.09	SLT	6.02	99	Q052128	14-C04			☐	☐	☐
50.29	56.39	6.10	SLT	6.04	99	Q052129	14-C04			☐	☐	☐
56.39	62.48	6.09	SLT	6.05	99	Q052130	14-C04			☐	☐	☐
62.48	68.58	6.10	SLT	5.98	98	Q052131	14-C04			☐	☐	☐
68.58	74.67	6.09	SLT	6.09	100	Q052132	14-C04			☐	☐	☐
74.67	80.77	6.10	SLT	5.62	92	Q052133	14-C04			☐	☐	☐
80.77	83.49	2.72	SLT	2.72	100	K310645	14-023			☐	☐	☐
83.49	85.34	1.85	SLT	1.85	100	K310646	14-023			☐	☐	☐
85.34	88.39	3.05	SLT	3.05	100	K310647	14-023			☐	☐	☐
88.39	89.92	1.53	SLT	1.46	95	K310648	14-023			☐	☐	☐
89.92	92.21	2.29	SLT	2.21	97	K310649	14-023			☐	☐	☐
92.21	94.49	2.28	SLT	2.28	100	K310651	14-023			☐	☐	☐
94.49	96.01	1.52	SLT	1.42	93	K310652	14-023			☐	☐	☐
96.01	99.06	3.05	SLT	3.05	100	K310653	14-023			☐	☐	☐
99.06	102.11	3.05	SLT	3.05	100	K310655	14-023			☐	☐	☐
102.11	105.16	3.05	SLT	2.89	95	K310656	14-023			☐	☐	☐
105.16	108.20	3.04	SLT	2.85	94	K310657	14-023			☐	☐	☐
108.20	111.25	3.05	SLT	3.05	100	K310658	14-023			☐	☐	☐
111.25	112.78	1.53	SLT	1.50	98	K310659	14-023			☐	☐	☐
112.78	113.68	0.90	SLT	0.90	100	K310660	14-023			☐	☐	☐
113.68	115.82	2.14	SLT	2.12	99	K310662	14-023			☐	☐	☐
115.82	118.87	3.05	SLT	3.00	98	K310663	14-023			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
118.87	120.40	1.53	SLT	1.50	98	K310664	14-023			☐	☐	☐
120.40	122.86	2.46	SLT	2.46	100	K310665	14-023			☐	☐	☐
122.86	124.97	2.11	SLT	2.10	100	K310666	14-023			☐	☐	☐
122.86	124.97	2.11	SLT	2.10	100	K310667	14-023			☐	☐	☑
124.97	128.02	3.05	SLT	3.01	99	K310668	14-023			☐	☐	☐
128.02	131.06	3.04	SLT	2.91	96	K310669	14-023			☐	☐	☐
131.06	133.14	2.08	SLT	1.88	90	K310670	14-023			☐	☐	☐
133.14	135.08	1.94	SLT	1.75	90	K310671	14-023			☐	☐	☐
135.08	137.16	2.08	SLT	2.08	100	K310673	14-023			☐	☐	☐
137.16	140.21	3.05	SLT	2.86	94	K310674	14-023			☐	☐	☐
140.21	143.10	2.89	SLT	2.89	100	K310675	14-023			☐	☐	☐
143.10	147.83	4.73	SLT	4.62	98	Q052134	14-C04			☐	☐	☐
147.83	153.92	6.09	SLT	6.00	99	Q052135	14-C04			☐	☐	☐
153.92	160.02	6.10	SLT	5.98	98	Q052136	14-C04			☐	☐	☐
160.02	166.12	6.10	SLT	6.10	100	Q052137	14-C04			☐	☐	☐
166.12	172.21	6.09	SLT	5.94	98	Q052138	14-C04			☐	☐	☐
172.21	175.26	3.05	SLT	3.00	98	Q052139	14-C04			☐	☐	☐
175.26	178.31	3.05	SLT	2.92	96	K310676	14-023			☐	☐	☐
178.31	181.36	3.05	SLT	2.93	96	K310677	14-023			☐	☐	☐
178.31	181.36	3.05	SLT	3.01	99	K310678	14-023			☐	☑	☐
181.36	184.40	3.04	SLT	3.01	99	K310679	14-024			☐	☐	☐
181.36	184.40	3.04	SLT	3.01	99	K310680	14-024			☐	☑	☐
184.40	187.45	3.05	SLT	3.00	98	K310681	14-024			☐	☐	☐
187.45	190.50	3.05	SLT	3.05	100	K310682	14-024			☐	☐	☐
190.50	193.55	3.05	SLT	3.04	100	K310683	14-024			☐	☐	☐
193.55	199.64	6.09	SLT	6.09	100	Q052140	14-C04			☐	☐	☐
199.64	204.22	4.58	SLT	4.45	97	Q052141	14-C04			☐	☐	☐
204.22	207.26	3.04	SLT	2.88	95	Q052142	14-C04			☐	☐	☐
207.26	210.31	3.05	SLT	3.00	98	K310685	14-024			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
210.31	213.36	3.05	SLT	3.05	100	K310686	14-024			☐	☐	☐
213.36	216.41	3.05	SLT	3.05	100	K310687	14-024			☐	☐	☐
216.41	219.46	3.05	SLT	3.05	100	K310688	14-024			☐	☐	☐
219.46	222.50	3.04	SLT	3.04	100	K310689	14-024			☐	☐	☐
222.50	225.55	3.05	SLT	3.05	100	K310691	14-024			☐	☐	☐
225.55	228.60	3.05	SLT	2.99	98	K310692	14-024			☐	☐	☐
228.60	231.65	3.05	SLT	3.05	100	K310693	14-024			☐	☐	☐
231.65	234.70	3.05	SLT	2.36	77	K310694	14-024			☐	☐	☐
234.70	237.74	3.04	SLT	2.92	96	K310695	14-024			☐	☐	☐
237.74	240.79	3.05	SLT	3.03	99	K310696	14-024			☐	☐	☐
240.79	243.84	3.05	SLT	3.05	100	K310698	14-024			☐	☐	☐
243.84	246.89	3.05	SLT	3.05	100	K310699	14-024			☐	☐	☐
246.89	249.94	3.05	SLT	3.03	99	K310700	14-024			☐	☐	☐
249.94	252.98	3.04	SLT	2.98	98	K310701	14-024			☐	☐	☐
249.94	252.98	3.04	SLT	2.98	98	K310702	14-024			☐	☐	☑
252.98	256.03	3.05	SLT	3.05	100	K310703	14-024			☐	☐	☐
256.03	259.08	3.05	SLT	3.05	100	K310704	14-024			☐	☐	☐
259.08	262.13	3.05	SLT	2.95	97	K310705	14-024			☐	☐	☐
262.13	265.18	3.05	SLT	3.05	100	K310706	14-024			☐	☐	☐
265.18	267.31	2.13	SLT	2.13	100	K310708	14-024			☐	☐	☐
267.31	270.36	3.05	SLT	2.85	93	K310709	14-024			☐	☐	☐
270.36	273.41	3.05	SLT	2.92	96	K310710	14-024			☐	☐	☐
273.41	276.15	2.74	SLT	2.74	100	K310711	14-024			☐	☐	☐
276.15	279.20	3.05	SLT	2.93	96	K310712	14-024			☐	☐	☐
279.20	282.24	3.04	SLT	3.04	100	K310713	14-024			☐	☐	☐
282.24	285.29	3.05	SLT	3.05	100	K310714	14-024			☐	☐	☐
285.29	288.34	3.05	SLT	3.05	100	K310715	14-025	Core		☐	☐	☐
288.34	289.56	1.22	SLT	1.19	98	K310716	14-025	Core		☐	☐	☐
289.56	292.61	3.05	SLT	3.02	99	K310717	14-025	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
292.61	295.66	3.05	SLT	3.02	99	K310718	14-025	Core		☐	☐	☐
295.66	298.70	3.04	SLT	3.04	100	K310719	14-025	Core		☐	☐	☐
298.70	301.75	3.05	SLT	3.04	100	K310720	14-025	Core		☐	☐	☐
301.75	304.66	2.91	SLT	2.85	98	K310722	14-025	Core		☐	☐	☐
304.66	306.00	1.34	LST, SLT	1.33	99	K310723	14-025	Core		☐	☐	☐
306.00	307.85	1.85	LST	1.85	100	K310724	14-025	Core		☐	☐	☐
307.85	310.90	3.05	LST	3.05	100	K310725	14-025	Core		☐	☐	☐
307.85	310.90	3.05	LST	3.05	100	K310726	14-025	Core		☐	☑	☐
310.90	313.94	3.04	LST	3.04	100	K310727	14-025	Core		☐	☐	☐
313.94	315.20	1.26	LST	1.26	100	K310728	14-025	Core		☐	☐	☐
315.20	316.99	1.79	LST, SLT	1.79	100	K310729	14-025	Core		☐	☐	☐
316.99	320.04	3.05	SLT	3.05	100	K310731	14-025	Core		☐	☐	☐
320.04	321.50	1.46	SLT	1.45	99	K310732	14-025	Core		☐	☐	☐
321.50	323.41	1.91	SLT	1.91	100	K310733	14-025	Core		☐	☐	☐
323.41	326.14	2.73	SLT	2.67	98	K310734	14-025	Core		☐	☐	☐
326.14	329.18	3.04	SLT	3.04	100	K310736	14-025	Core		☐	☐	☐
329.18	331.55	2.37	SLT	2.34	99	K310737	14-025	Core		☐	☐	☐
331.55	333.00	1.45	SLT	1.45	100	K310738	14-025	Core		☐	☐	☐
333.00	335.28	2.28	SLT	2.22	97	K310739	14-025	Core		☐	☐	☐
333.00	335.28	2.28	SLT	2.22	97	K310740	14-025	Core		☐	☐	☑
335.28	338.33	3.05	SLT	3.05	100	K310741	14-025	Core		☐	☐	☐
338.33	341.38	3.05	SLT	3.05	100	K310742	14-025	Core		☐	☐	☐
341.38	344.42	3.04	SLT	3.04	100	K310743	14-025	Core		☐	☐	☐
344.42	347.47	3.05	SLT	3.05	100	K310745	14-025	Core		☐	☐	☐
347.47	350.52	3.05	SLT	3.05	100	K310746	14-025	Core		☐	☐	☐
350.52	352.08	1.56	SLT	1.51	97	K310747	14-025	Core		☐	☐	☐
352.08	354.37	2.29	SLT	2.29	100	K310748	14-025	Core		☐	☐	☐
354.37	356.62	2.25	SLT	2.25	100	K310749	14-025	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
356.62	359.66	3.04	SLT	3.04	100	K310750	14-025	Core		☐	☐	☐
359.66	361.72	2.06	SLT	2.06	100	K310751	14-026	Core		☐	☐	☐
361.72	363.17	1.45	SLT	1.45	100	K310752	14-026	Core		☐	☐	☐
363.17	365.76	2.59	SLT	2.59	100	K310753	14-026	Core		☐	☐	☐
365.76	368.81	3.05	LST	3.05	100	K310754	14-026	Core		☐	☐	☐
368.81	371.86	3.05	LST	3.05	100	K310755	14-026	Core		☐	☐	☐
371.86	374.90	3.04	LST	3.04	100	K310756	14-026	Core		☐	☐	☐
371.86	374.90	3.04	LST	3.04	100	K310757	14-026	Core		☐	☑	☐
374.90	377.95	3.05	LST	3.03	99	K310758	14-026	Core		☐	☐	☐
377.95	381.00	3.05	LST	3.05	100	K310759	14-026	Core		☐	☐	☐
381.00	384.05	3.05	LST	3.05	100	K310760	14-026	Core		☐	☐	☐
384.05	387.10	3.05	LST	2.99	98	K310761	14-026	Core		☐	☐	☐
387.10	390.14	3.04	LST	3.04	100	K310762	14-026	Core		☐	☐	☐
390.14	393.19	3.05	LST	2.95	97	K310763	14-026	Core		☐	☐	☐
393.19	396.24	3.05	LST	3.02	99	K310765	14-026	Core		☐	☐	☐
396.24	399.29	3.05	LST	2.96	97	K310766	14-026	Core		☐	☐	☐
399.29	402.34	3.05	LST	2.92	96	K310767	14-026	Core		☐	☐	☐
402.34	405.38	3.04	LST	3.04	100	K310768	14-026	Core		☐	☐	☐
405.38	408.43	3.05	LST	3.05	100	K310769	14-026	Core		☐	☐	☐
405.38	408.43	3.05	LST	3.05	100	K310770	14-026	Core		☐	☐	☑
408.43	411.48	3.05	LST	3.05	100	K310771	14-026	Core		☐	☐	☐
411.48	414.53	3.05	LST	3.05	100	K310772	14-026	Core		☐	☐	☐
414.53	417.58	3.05	LST	3.05	100	K310773	14-026	Core		☐	☐	☐
417.58	420.62	3.04	LST	2.95	97	K310775	14-026	Core		☐	☐	☐
420.62	423.67	3.05	LST	3.05	100	K310776	14-026	Core		☐	☐	☐
423.67	426.72	3.05	LST	3.05	100	K310777	14-026	Core		☐	☐	☐
426.72	429.62	2.90	LST	2.89	100	K310778	14-026	Core		☐	☐	☐
429.62	432.53	2.91	LST	2.87	99	K310780	14-026	Core		☐	☐	☐
432.53	435.25	2.72	LST	2.72	100	K310781	14-026	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
435.25	438.00	2.75	LST	2.72	99	K310782	14-026	Core		☐	☐	☐
438.00	440.26	2.26	LST	2.26	100	K310783	14-026	Core		☐	☐	☐
440.26	441.96	1.70	LST	1.54	91	K310784	14-026	Core		☐	☐	☐
441.96	445.01	3.05	LST	3.05	100	K310786	14-026	Core		☐	☐	☐
445.01	448.06	3.05	LST	3.05	100	K310787	14-027	Core		☐	☐	☐
448.06	451.10	3.04	LST	3.04	100	K310788	14-027	Core		☐	☐	☐
451.10	454.15	3.05	LST	3.05	100	K310789	14-027	Core		☐	☐	☐
451.10	454.15	3.05	LST	3.05	100	K310790	14-027	Core		☐	☑	☐
454.15	457.20	3.05	LST	3.05	100	K310791	14-027	Core		☐	☐	☐
457.20	460.25	3.05	LST	3.03	99	K310792	14-027	Core		☐	☐	☐
460.25	463.30	3.05	LST	3.05	100	K310793	14-027	Core		☐	☐	☐
463.30	465.15	1.85	LST	1.85	100	K310794	14-027	Core		☐	☐	☐
465.15	466.96	1.81	LST	1.81	100	K310795	14-027	Core		☐	☐	☐
466.96	469.39	2.43	LST	2.43	100	K310796	14-027	Core		☐	☐	☐
469.39	472.44	3.05	LST	3.05	100	K310797	14-027	Core		☐	☐	☐
472.44	475.49	3.05	LST	3.05	100	K310798	14-027	Core		☐	☐	☐
475.49	478.54	3.05	LST	3.05	100	K310800	14-027	Core		☐	☐	☐
478.54	481.00	2.46	LST	2.41	98	K310801	14-027	Core		☐	☐	☐
481.00	482.54	1.54	LST	1.54	100	K310802	14-027	Core		☐	☐	☐
482.54	483.42	0.88	LST, INT	0.88	100	K310803	14-027	Core		☐	☐	☐
483.42	484.63	1.21	LST, INT	1.21	100	K310805	14-027	Core		☐	☐	☐
484.63	487.68	3.05	LST	3.05	100	K310806	14-027	Core		☐	☐	☐
487.68	490.73	3.05	LST	3.00	98	K310807	14-027	Core		☐	☐	☐
490.73	493.78	3.05	LST	3.02	99	K310808	14-027	Core		☐	☐	☐
490.73	493.78	3.05	LST	3.02	99	K310809	14-027	Core		☐	☐	☑
493.78	496.82	3.04	LST	2.95	97	K310810	14-027	Core		☐	☐	☐
496.82	499.87	3.05	LST	3.05	100	K310811	14-027	Core		☐	☐	☐
499.87	502.92	3.05	LST	2.99	98	K310812	14-027	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
502.92	505.97	3.05	LST	2.99	98	K310813	14-027	Core		☐	☐	☐
505.97	509.02	3.05	LST	3.02	99	K310814	14-027	Core		☐	☐	☐
509.02	512.06	3.04	LST	3.01	99	K310816	14-027	Core		☐	☐	☐
512.06	515.11	3.05	LST	3.05	100	K310817	14-027	Core		☐	☐	☐
515.11	518.16	3.05	LST	3.00	98	K310818	14-027	Core		☐	☐	☐
518.16	521.21	3.05	LST	3.01	99	K310819	14-027	Core		☐	☐	☐
521.21	524.26	3.05	LST	3.05	100	K310820	14-027	Core		☐	☐	☐
524.26	527.30	3.04	LST	3.04	100	K310821	14-027	Core		☐	☐	☐
527.30	530.35	3.05	LST	3.03	99	K310823	14-028	Core		☐	☐	☐
530.35	533.40	3.05	LST	3.02	99	K310824	14-028	Core		☐	☐	☐
533.40	536.45	3.05	LST	3.05	100	K310825	14-028	Core		☐	☐	☐
536.45	539.50	3.05	LST	3.03	99	K310826	14-028	Core		☐	☐	☐
539.50	542.54	3.04	LST	3.04	100	K310828	14-028	Core		☐	☐	☐
542.54	545.59	3.05	LST	3.05	100	K310829	14-028	Core		☐	☐	☐
545.59	548.64	3.05	LST	3.05	100	K310830	14-028	Core		☐	☐	☐
548.64	551.69	3.05	LST	3.05	100	K310831	14-028	Core		☐	☐	☐
551.69	554.74	3.05	LST	3.03	99	K310832	14-028	Core		☐	☐	☐
554.74	557.78	3.04	LST	3.03	100	K310833	14-028	Core		☐	☐	☐
554.74	557.78	3.04	LST	3.03	100	K310834	14-028	Core		☐	☑	☐
557.78	560.83	3.05	LST	3.05	100	K310835	14-028	Core		☐	☐	☐
560.83	563.88	3.05	LST	3.05	100	K310836	14-028	Core		☐	☐	☐
563.88	566.93	3.05	LST	3.02	99	K310837	14-028	Core		☐	☐	☐
566.93	569.98	3.05	LST	3.05	100	K310839	14-028	Core		☐	☐	☐
569.98	573.02	3.04	LST	3.04	100	K310840	14-028	Core		☐	☐	☐
573.02	576.07	3.05	LST	3.03	99	K310841	14-028	Core		☐	☐	☐
576.07	579.12	3.05	LST	3.05	100	K310842	14-028	Core		☐	☐	☐
579.12	582.17	3.05	LST	3.04	100	K310843	14-028	Core		☐	☐	☐
582.17	585.22	3.05	LST	3.05	100	K310844	14-028	Core		☐	☐	☐
582.17	585.22	3.05	LST	3.05	100	K310845	14-028	Core		☐	☐	☑

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
585.22	588.26	3.04	LST	3.01	99	K310846	14-028	Core		☐	☐	☐
588.26	591.31	3.05	LST	3.05	100	K310847	14-028	Core		☐	☐	☐
591.31	594.36	3.05	LST	3.05	100	K310848	14-028	Core		☐	☐	☐
594.36	597.41	3.05	LST	2.85	93	K310849	14-028	Core		☐	☐	☐
597.41	600.46	3.05	LST	3.05	100	K310851	14-028	Core		☐	☐	☐
600.46	603.50	3.04	LST	3.04	100	K310853	14-028	Core		☐	☐	☐
603.50	606.55	3.05	LST	3.05	100	K310854	14-028	Core		☐	☐	☐
606.55	609.60	3.05	LST	3.05	100	K310855	14-028	Core		☐	☐	☐
609.60	612.65	3.05	LST	3.05	100	K310856	14-028	Core		☐	☐	☐
612.65	615.70	3.05	LST	3.05	100	K310857	14-028	Core		☐	☐	☐
615.70	618.74	3.04	LST	2.97	98	K310858	14-028	Core		☐	☐	☐
618.74	621.79	3.05	LST	3.05	100	K310859	14-029	Core		☐	☐	☐
621.79	624.84	3.05	LST	3.05	100	K310860	14-029	Core		☐	☐	☐
624.84	627.89	3.05	LST	3.05	100	K310861	14-029	Core		☐	☐	☐
627.89	630.94	3.05	LST	3.05	100	K310863	14-029	Core		☐	☐	☐
630.94	633.98	3.04	LST	3.04	100	K310864	14-029	Core		☐	☐	☐
633.98	637.03	3.05	LST	3.03	99	K310865	14-029	Core		☐	☐	☐
633.98	637.03	3.05	LST	3.03	99	K310866	14-029	Core		☐	☐	☑
637.03	640.08	3.05	LST	3.05	100	K310867	14-029	Core		☐	☐	☐
640.08	643.13	3.05	LST	3.05	100	K310868	14-029	Core		☐	☐	☐
643.13	646.18	3.05	LST	3.02	99	K310869	14-029	Core		☐	☐	☐
643.13	646.18	3.05	LST	3.02	99	K310870	14-029	Core		☐	☑	☐
646.18	649.22	3.04	LST	3.04	100	K310871	14-029	Core		☐	☐	☐
649.22	652.27	3.05	LST	3.02	99	K310872	14-029	Core		☐	☐	☐
652.27	655.32	3.05	LST	2.95	97	K310873	14-029	Core		☐	☐	☐
655.32	658.37	3.05	LST	3.05	100	K310874	14-029	Core		☐	☐	☐
658.37	661.42	3.05	LST	2.96	97	K310875	14-029	Core		☐	☐	☐
661.42	664.46	3.04	LST	3.04	100	K310876	14-029	Core		☐	☐	☐
664.46	667.51	3.05	LST	3.05	100	K310877	14-029	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
667.51	670.56	3.05	LST	3.05	100	K310878	14-029	Core		☐	☐	☐
670.56	673.61	3.05	LST	3.00	98	K310880	14-029	Core		☐	☐	☐
673.61	676.66	3.05	LST	3.05	100	K310881	14-029	Core		☐	☐	☐
676.66	679.70	3.04	LST	3.04	100	K310882	14-029	Core		☐	☐	☐
679.70	682.75	3.05	LST	3.01	99	K310883	14-029	Core		☐	☐	☐
682.75	685.80	3.05	LST	3.05	100	K310884	14-029	Core		☐	☐	☐
685.80	688.85	3.05	LST	3.04	100	K310886	14-029	Core		☐	☐	☐
688.85	691.90	3.05	LST	3.01	99	K310887	14-029	Core		☐	☐	☐
691.90	694.94	3.04	LST	3.04	100	K310888	14-029	Core		☐	☐	☐
694.94	697.99	3.05	LST	3.05	100	K310889	14-029	Core		☐	☐	☐
697.99	701.04	3.05	LST	3.05	100	K310890	14-029	Core		☐	☐	☐
701.04	704.09	3.05	LST	3.03	99	K310891	14-029	Core		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		630416	7112362	1373.89	685.8

ZONE: Conrad

SECTION: C400E

HOLE: OS -14-229

CLAIM:

Contractor: Superior

Drill: 6

Core Size: HQ-NQ

Casing Depth: 10.67m,

Drilling Dates: Aug 22 - Aug 31, 2014

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method
13.71	149.55	-88	Reflex
685.8	158.95	-86.2	Reflex

TARGET: Lower zone and SLC mineralization at South Conrad

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	0.62	0.62	-?-
0.62	281.86	281.24	SLT
281.86	289	7.14	LST
289	365.66	76.66	SLT
365.66	365.83	0.17	INT
365.83	366.9	1.07	SLT
366.9	406.77	39.87	LST
406.77	408.35	1.58	INT
408.35	685.8	277.45	LST

SAMPLES	
Numbers:	K310892 to K311000, Q052143 to Q052181, R501001 to R501082
Total:	231
Batch:	029, 030, 031, 032, 033, 034, 035, C05
Certificates:	WH14129368, WH14129369, WH14132980, WH14132981, WH14132982, WH14132983, WH14134317, WH14135059, WH14139745

COMMENTS

Hole targetted the mineralized lower zone (SLC/LST contact) on Conrad. Hole intersected broad zone of mineralization and was then shutdown in barren C-LST1.

OS -14-229

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	0.62	0.62	-?-	--	No recovery.							
						--	--	---	---	--	--	0
0.62	281.86	281.24	SLT	FG	Interbedded siltstone, sandstone and conglomerate. Three conglomerates obvserved: matrix- and clast-supported quartz pebble grits and "starry night" conglomerate. Siltstone often host to pyrite bands and blebs. Soft sediment deformation textures present in many beds.							
						MD	GY	BD	---	--	Py	1
						DK	GY	SD				
281.86	289.00	7.14	LST	FG	Grey to black limestone interbedded with "starry night" conglomerate, which now has mostly subrounded to rounded limestone clasts up to 10 cm and only minor quartz/chert clasts. Calcite veining common (2-3 per metre, up to 1 cm wide). Realgar mineralization both pervasive and within calcite veins/stringers (as strings and blebs). Most pervasive mineralization occurs from 282.19-282.45 m and 287.69-289.00 m.							
						DK	BK					
						MD	GY	BD	ASO	3I	Re	3
289.00	365.66	76.66	SLT	FG	Interbedded siltstone, sandstone and "starry night" conglomerate (with trace limestone). Trace realgar blebs within calcite. Trace arsenic oxide stain.							
						DK	GY	BD	ASO	1I	Py	1
								SD			Re	0.01
365.66	365.83	0.17	INT	CG	Intermediate intrusive with fluorite crystals up to 3 mm wide.							
						MD	GY					
						LT	GY	PO	SER	2I	--	0
365.83	366.90	1.07	SLT	FG	Siltstone with minor calcite veinlets and clay-rich sections, especially near contact with limestone at bottom of interval.							
						DK	GY					
						LT	GY	BD	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
366.90	406.77	39.87	LST	FG	Thin bedded limestone with weak to moderate mineralization. Realgar blebs and pervasive realgar near areas of more intense deformation. Some calcite flooding and moderate veining. Weak to moderate vuggy styolites.							
						LT	GY	BD	---	--	Re	0.1
						DK	GY	SD			Gr	1
								BX				
406.77	408.35	1.58	INT	CG	Intermediate intrusive with fluorite crystals up to 5 mm. Juxtaposing 10 cm wide rubbly, realgar mineralized intrusive/limestone section at end of interval.							
						MD	GY	PO	SER	2I	Re	0.1
408.35	685.80	277.45	LST	FG	Weakly to very strongly mineralized and altered limestone from 408.35-549.91 m. Includes prevalent realgar and black, highly altered, arsenic oxide stained material. From 549.91 m to EOH: possible dolomitized limestone interbeds and thin to thick bedded limestone with weak to moderate calcite veining and black, sooty styolites.							
						DK	GY	BX				
						MD	GY	BD	ASO	2I	Re	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	0.62	0.62	-?-	--	No recovery.							
						--	--	---	---	--	--	0
0.62	6.60	5.98	OVB	MG	Highly oxidized, rubbly mix of overburden and possible mudstone/siltstone.							
						MD	BN	RB	OXI	5I	--	0
						MD	OR					
6.60	7.58	0.98	SLT	FG	Blue-grey gouge and minor gougy siltstone (visible bedding).							
						MD	BL	BD	OXI	1I	--	0
						MD	GY					
7.58	10.45	2.87	CGL	CG	Completely oxidized conglomerate (no visible bedding).							
						MD	OR	RB	OXI	5I	--	0
10.45	17.35	6.90	CGL	CG	Partially oxidized, interbedded siltstone and matrix supported, quartz-rich conglomerate (70/30?).							
						MD	OR	RB	OXI	3I	--	0
						MD	GY	BD				
17.35	35.05	17.70	SLT	FG	Interbedded siltstone and quartz rich, matrix supported conglomerate (70/30?) with conglomerate beds up to 1.2 m wide. Evidence of soft sediment deformation and brittle failure defined by planer offsets in siltstone up to 1 cm. Trace pyrite bands.							
						MD	BL	SD				
						MD	GY	BD	OXI	1I	Py	0.01
35.05	77.28	42.23	SLT	FG	Siltstone with trace to weak calcite and quartz-dolomite veining (stringers mostly, infrequent veinlets), and blebby to banded pyrite. Trace vugs within stringers/veinlets. Brittle fracturing with minor offsets (<1 cm) and soft sediment deformation textures present.							
						MD	GY	BD	---	--	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY	VU				
								SD				
77.28	98.15	20.87	SLT	FG	Interbedded siltstone and quartz rich, matrix supported conglomerate (60/40) with conglomerate beds up to 1.0 m wide and sandy/silty layers up to 50 cm wide. Conglomerate consists of silt to sand sized particles in matrix with quartz dominant pebble sized clasts. Pyrite blebby and in bands.							
						MD	GY	BD	---	--	Py	1
						DK	GY	SD				
98.15	121.53	23.38	SLT	FG	Dominantly siltstone with trace conglomerate interbeds up to 3 cm wide, and sandy/sandstone interbeds occuring more frequently than last interval; every 1 m, up to 30 cm wide. Quartz/possible dolomite veins occur frequently, up to 3 cm wide. Pyrite blebs and bands.							
						MD	GY	BD	---	--	Py	1
						DK	GY	SD				
121.53	130.80	9.27	SLT	FG	Siltstone with rubble-gouge sections up to 30 cm wide, weak quartz-dolomite(?) veining, and blebby to banded pyrite. Appears fractured and possibly sheared; overprinting primary soft sediment deformation textures. Some vuggy core. Arsenic oxide with pyrite in healed fracture at 121.74 m.							
						MD	GY	BD	ASO	1I	--	0
						DK	GY	RB				
								VU				
								SH				
								SD				
130.80	140.35	9.55	SLT	FG	More competent siltstone with soft sediment deformation textures, planar offsets up to 1 cm, sandy/cherty interbeds up to 50 cm wide and trace to weak quartz-dolomite(?) veining. Trace quartz rich, matrix supported conglomerate interbeds up to 20 cm wide. Blebby and trace thin banded pyrite.							
						MD	GY	BD	---	--	Py	1
						DK	GY	SD				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
140.35	142.11	1.76	SLT	FG	Sheared siltstone with trace quartz/chert clasts, blebby pyrite and healed, gouge-filled seams and fractures. Fault/shear zone?							
						DK	GY	SH	---	--	Py	0.1
								BD				
142.11	179.05	36.94	SLT	FG	Siltstone with matrix supported, "starry night" conglomerate interbeds up to 1.5 m wide. Pyrite blebs. Very minor quartz-dolomite(?) stringers. Soft sediment deformation and possible folding evident within siltstone. Sandier/sandstone interbeds present every few metres up to 1.5 m wide. Consistent offset of bedding by few mms - SD or something else?							
						DK	GY	BD	---	--	Py	0.1
								SH				
179.05	187.45	8.40	CGL	CG	First appearance of this conglomerate: quartz, chert and minor darker coloured pebbles to cobbles in a light coloured sandy matrix. Clast supported, interbedded with rubbly/broken sandstone beds. Trace bright green-blue mineral as cobble within conglomerate (microcrystalline actinolite?). Pyrite also present as clasts within conglomerate.							
						MD	GY	BD	---	--	Py	0.1
								RB				
187.45	211.88	24.43	SLT	FG	Dramatic increase in clay content. Frequent gouge/entrained clast filled, healed fractures/shears? Bedding, when present, very subtle with only minor colour difference between beds. Trace quartz-dolomite(?) stringers. Minor soft sediment deformation. Trace pyrite blebs.							
						DK	GY	BD	---	--	Py	0.01
								SD				
211.88	215.73	3.85	SLT	FG	Thin bedded siltstone with pyrite bands up to 3 cm wide, sandy interbeds up to 2 cm, and infrequent, clast supported, quartz rich conglomerate interbeds up to 3 cm wide. Trace red, cobble sized mineral as clast within conglomerate (red chalcedony?). Increased quartz-dolomite(?) veining; reaching widths of 3 cm every few metres. Prevalent soft sediment deformation in some sections and consistent, mm-scale offsets of bedding in other areas.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD	---	--	Py	3
						DK	GY	SD				
215.73	229.36	13.63	SLT	FG	Thin bedded siltstone with pyrite bands up to 4 cm and some irregular blebs. Sandy/sandstone interbeds every few cm; peaking at 30 cm width but average around 1-2 cm wide. Trace quartz-dolomite stringers/veinlets. Infrequent vugs and gouge-filled, healed fractures. Cm-scale planar offsets.							
						MD	GY	BD	---	--	Py	2
						DK	GY	SD				
229.36	231.28	1.92	SLT	FG	Brecciated siltstone with sandy interbeds on mm- to cm-scale. Clay-rich and prevalent gouge matrix within breccia. Fault/shear zone?							
						MD	GY	BD	---	--	Py	0.1
						DK	GY	BX				
231.28	239.10	7.82	SLT	FG	Interbedded siltstone and sandstone beds (up to 20 cm wide). Soft sediment deformation and planar offsets. Trace calcite veining. Trace pyrite blebs. Many fractures now graphitic. Trace vugs within sandstone.							
						MD	GY	BD	---	--	Py	0.1
						DK	GY	SD			Gr	1
								VU				
239.10	245.01	5.91	SST	FG	Vuggy, strongly pyritic, irregularly interbedded sandstone and siltstone (70/30%?). Weak to moderate quartz-dolomite stringers/veinlets.							
						MD	GY	VU	---	--	Py	5
								BD				
245.01	267.85	22.84	SLT	FG	Very thin bedded (mm-scale) siltstone with alternating dark siltstone and pyrite-rich beds. Irregular blebby pyrite also present. Infrequent quartz-dolomite stringers (average 3-5 per metre with max width of 4 cm, average 1-2 mm). Graphitic fractures and clay-filled seams. Soft sediment deformation and possible folding.							
						DK	GY	BD	---	--	Py	30
								SD			Gr	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
267.85	281.86	14.01	SLT	FG	First appearance of limestone. Interbedded "starry night" conglomerate (up to 15 cm wide, silicified limestone (up to 30 cm) and dark siltstone. Pyrite blebs and disseminations. Graphite on some siltstone fractures. Trace quartz-dolomite and first appearance of calcite stringers (associated with limestone and conglomerate). Trace styolites in limestone interbeds. Appears to be interbedded contact zone with shear planes and possible folding.							
						MD	GY	BD	SIL	2I	Py	1
						DK	GY	SD			Gr	1
								SH				
281.86	289.00	7.14	LST	FG	Grey to black limestone interbedded with "starry night" conglomerate, which now has mostly subrounded to rounded limestone clasts up to 10 cm and only minor quartz/chert clasts. Calcite veining common (2-3 per metre, up to 1 cm wide). Realgar mineralization both pervasive and within calcite veins/stringers (as strings and blebs). Most pervasive mineralization occurs from 282.19-282.45 m and 287.69-289.00 m.							
						MD	GY	BD	ASO	3I	Re	3
						DK	BK					
289.00	301.10	12.10	SLT	FG	Very thin bedded pyritic siltstone. Some sections of intense alteration and deformation which comprise folded, silicified limestone interbeds. Pyrite bands/blebs and realgar-filled calcite stringers and veinlets.							
						DK	BK	SD	ASO	2I	Py	10
						DK	GY	BD	SIL	3I	Re	2
301.10	307.39	6.29	SLT	FG	Interbedded pyritic siltstone (90%) and "starry night" conglomerate (10%). Sandy interbeds in siltstone up to 2 cm wide, occuring on average every 2 cm.							
						DK	GY	BD	---	--	Py	10
								SD				
307.39	308.38	0.99	SLT	FG	Moderately mineralized, pyritic siltstone with some pyrite blebs. Realgar in calcite veins. Gougy, sooty, clay-rich sections and minor vugs.							
						DK	GY	BD	ASO	1I	Re	3
								VU			Py	0.1
											Gr	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
308.38	311.20	2.82	SLT	FG	Thin bedded, pyritic siltstone with sandy interbeds up to 3 cm wide; occuring on average evert 5 cm. Trace calcite stringers.							
						DK	GY	BD	---	--	Py	1
								SD				
311.20	316.26	5.06	SLT	FG	Thin bedded, pyritic siltstone with sandy interbeds up to 3 cm wide every few cms. Prevalent calcite veining up to 2 cm wide (5-10 per metre). Trace realgar blebs and vugs.							
						MD	GY	BD	---	--	Py	1
						DK	GY	SD			Re	0.1
316.26	319.00	2.74	SLT	FG	Thin bedded, pyritic siltstone with sandy interbeds up to 3 cm wide every few cms. Trace calcite stringers and vugs.							
						DK	GY	BD	---	--	Py	1
								SD				
319.00	320.88	1.88	SLT	FG	Sheared, vuggy and intermittently gougy interval. Fault? Trace calcite veinlets.							
						DK	GY	BD	---	--	Py	1
								SH				
320.88	324.94	4.06	CGL	CG	"Starry night" conglomerate with trace pyritic siltstone interbeds. Mostly quartz clasts. Trace quartz-dolomite and calcite stringers. Disseminated pyrite.							
						DK	GY	BD	---	--	Py	1
								MA				
324.94	326.24	1.30	SLT	FG	Thin bedded pyritic siltstone with gougy sections at top and bottom of interval. Shear zone? Or just contact with conglomerate?							
						DK	GY	BD	---	--	Py	0.1
								SH				
326.24	331.47	5.23	SLT	FG	Thin bedded, pyritic siltstone with sandy, often vuggy interbeds up to 4 cm every few cms. Trace realgar blebs. Moderate quartz-dolomite and calcite veining.							
						DK	GY	BD	---	--	Py	1
								VU			Re	0.01
331.47	343.90	12.43	CGL	CG	Interbedded "starry night" conglomerate and pyritic siltstone (70/30%?). Chert clasts in conglomerate up to 3 cm wide. Trace quartz-dolomite/calcite stringers.							
						DK	GY	BD	---	--	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
343.90	351.24	7.34	SLT	FG	Deformed, nearing crackled and mottled in some areas, interbedded sandy layers and siltstone. Minor rubble. Some clay-rich seams. Vuggy limestone interbeds up to 30 cm wide. Weak calcite veining; mostly within limestone. Trace disseminated pyrite. Graphite on some fractures.							
						MD	GY	BD	---	--	Py	0.1
						DK	GY	CR			Gr	1
								VU				
								SD				
								RB				
351.24	356.83	5.59	CGL	CG	Interbedded "starry night" conglomerate (55%) and deformed, mottled and soft sediment deformed sandy interbeds (45%). Graphite on some fracture surfaces. Trace disseminated pyrite and calcite veining.							
						DK	GY	BD	---	--	Py	0.01
								SD			Gr	1
356.83	361.93	5.10	SLT	FG	Very thin bedded, pyritic siltstone with minor sandy interbeds. Trace calcite stringers.							
						DK	GY	BD	---	--	Py	5
361.93	365.66	3.73	SLT	FG	Siltstone with vuggy, sometimes clay-rich seams and minimal darker interbeds. Trace realgar within fractures. Trace pyrite stringers. Light colour and soft nature likely moderate argillic alteration.							
						MD	GY	BD	ARG	3I	Py	0.01
								VU			Re	0.01
365.66	365.83	0.17	INT	CG	Intermediate intrusive with fluorite crystals up to 3 mm wide.							
						MD	GY					
						LT	GY	PO	SER	2I	--	0
365.83	366.90	1.07	SLT	FG	Siltstone with minor calcite veinlets and clay-rich sections, especially near contact with limestone at bottom of interval.							
						LT	GY	BD	---	--	--	0
						DK	GY					
366.90	370.93	4.03	LST	FG	Thin bedded limestone with moderate vuggy styolites (2-3 per metre). Prevalent calcite veining (approx. 10 veins to stringers per metre) up to 2 cm wide; sometimes vuggy.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD	---	--	--	0
								VU				
370.93	379.20	8.27	LST	FG	Weakly to moderately mineralized limestone. Realgar blebs within calcite veins and pervasive realgar near more deformed limestone beds (soft sediment deformed, folded, approaching brecciated with black seams cutting limestone fragments). Moderate calcite veining (2-3 veins per metre and more stringers). Vuggy styolites occuring at a rate of a few per metre. Graphite on fractures.							
						MD	GY	BD	---	--	Re	1
						DK	GY	SD			Gr	1
								VU				
								BX				
379.20	399.72	20.52	LST	FG	Interbedded light and dark limestone with moderate calcite veining (approx. 3 per metre?), trace styolites, graphite on fractures and trace realgar within calcite.							
						LT	GY	BD	---	--	Re	0.01
						DK	GY	SD			Gr	1
399.72	406.77	7.05	LST	FG	Calcite flooded, more clay-rich, thin to thick bedded limestone with more frequent sooty and vuggy styolites (approx. 5 per metre?). Some crackled limestone with dark seams. Trace realgar in calcite.							
						LT	GY	BD	---	--	Re	0.01
						DK	GY	CR			Gr	1
406.77	408.35	1.58	INT	CG	Intermediate intrusive with fluorite crystals up to 5 mm. Juxtaposing 10 cm wide rubbly, realgar mineralized intrusive/limestone section at end of interval.							
						MD	GY	PO	SER	2I	Re	0.1
408.35	429.11	20.76	LST	FG	Moderately calcite veined, weakly styolitic, thin to thick bedded limestone with minor soft sediment deformation and beef calcite. Sooty, graphitic seams often along fractures. Trace realgar mineralization and vugs within calcite veins.							
						DK	GY	BD	---	--	Re	0.01
								SD				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
429.11	431.26	2.15	LST	FG	Strongly mineralized interval with both massive and pervasive realgar occuring in 85% of the interval. The other 15% comprises highly styolitic limestone and black, sooty, strongly altered limestone.							
						MD	RD	MA	ASO	3I	Re	40
						MD	GN	BD				
431.26	449.54	18.28	LST	FG	Thin to thick bedded limestone with strong, often vuggy calcite veining (approx. 5 per metre?) increasing downhole (10-15 per metre plus flooding) and prevalent, sooty styolites, seams and irregular patches. Intermittent realgar mineralization; blebby to pervasive (up to 10 cm wide), mostly associated with calcite.							
						DK	GY	BD	ASO	1I	Re	0.1
								VU			Om	0.01
449.54	451.76	2.22	LST	FG	Moderately to strongly mineralized interval with 40% comprising black, sooty, highly altered limestone with minor realgar blebs, and the other 60% composed of weakly styolitic, thin bedded limestone with blebby to pervasive realgar mineralization.							
						DK	GY	BD	ASO	2I	Re	3
						DK	RD					
451.76	463.33	11.57	LST	FG	Moderately mineralized interval with patchy blebby to pervasive realgar mineralization; mostly associated with calcite veins, which occur very frequently (10 per metre?), up to 15 cm wide and as flooding. Calcite has brecciated limestone in some area. Sooty, black material common in styolites, fractures and random patches.							
						DK	RD	BX				
						DK	GY	BD	ASO	2I	Re	3
463.33	466.69	3.36	LST	FG	Weakly altered limestone with minor styolites and weak calcite veining (50%), massive realgar (30%) and micro brecciated limestone with pervasive realgar, calcite veining to flooding and arsenic oxide staining (20%).							
						MD	RD	BX				
						MD	GY	BD	ASO	3I	Re	30

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
466.69	481.49	14.80	LST	FG	Most strongly altered interval of hole thus far. Relatively weak realgar mineralization but prevalent black, sooty sections (approx. 80% of interval) with other 20% comprising moderately altered "recognizable" limestone with prevalent sooty styolies, moderate vuggy calcite veining and disseminated orpiment and blebby realgar. Breccia or collapse breccia occur in 5-10% of interval. Massive, clay-rich, extremely altered black material up to 80 cm wide.							
						DK	GY	VU			Om	0.1
						DK	BK	BX	ASO	2I	Re	5
								RB				
								MA				
481.49	488.37	6.88	LST	FG	Weakly to moderately mineralized interval with disseminated orpiment and blebby to pervasive realgar; patchy throughout interval. Calcite stringers and flooding common, as are sooty styolites. Minor limestone breccia with calcite fill. Sooty, clay-rich sections up to 3 cm wide.							
						MD	GY	BX	ASO	2I	Om	0.1
						DK	GY				Re	2
488.37	516.75	28.38	LST	FG	Thick bedded limestone (bedding very unclear) with prevalent calcite veining and flooding (see secondary structure), and sooty styolies (see secondary structure); both sometimes vuggy. Trace realgar in calcite veins. Black, sooty sections up to 2 cm wide occuring rarely. Styolites offsetting calcite veins and veinlets.							
						MD	GY	BD	ASO	1I	Re	0.01
						DK	GY					
516.75	518.45	1.70	LST	FG	Moderately to strongly mineralized interval with irregular calcite veins and stringers hosting blebby realgar. Very altered, arsenic oxide staining and pervasive realgar mineralization make up 70% of this interval; less altered limestone with trace black, sooty seams and blebby realgar make up the remainder of the interval.							
						DK	GN	BX			Om	0.01
						DK	GY	BD	ASO	3I	Re	2
								SD				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
518.45	549.91	31.46	LST	FG	Thin to thick bedded limestone with moderate calcite veining (approx. 5 per metre) and some sections with intense calcite flooding up to 30 cm wide. Weakly mineralized with trace orpiment in fractures and blebby realgar in calcite. Trace limestone breccia created by calcite infiltration. Styolites occur at a rate of approx. 1-2 per metre. Black, sooty sections up to 3 cm wide, occuring infrequently. Some evidence of soft sediment deformation and minor vugs in both calcite and styolites.							
						MD	GY	BD	ASO	1I	Om	0.01
						DK	GY				Re	0.1
549.91	554.15	4.24	LST	FG	Less reactive, crackled limestone with pervasive, irregular calcite stringers and irregular black, sooty styolites and patches of dark material. Possible dolomitized limestone.							
						DK	GY	CR	---	--	--	0
554.15	594.57	40.42	LST	FG	Moderately calcite veined, dark coloured limestone with minimal bedding visible. Some veins vuggy and host to blebby realgar. Sooty styolites present at a rate of approx. 2-3 per metre; some offsetting calcite veins with mineralization. Crackled/brecciated limestone areas up to 10 cm wide. Black, sooty patches occur mostly along fractures, a few times per metre. Orpiment in some fractures.							
						DK	GY	BD	---	--	Re	0.1
								MA			Om	0.01
594.57	600.65	6.08	LST	FG	Variably reactive limestone (weak to strong) with prevalent calcite stringers. Possibly dolomitized limestone. No bedding evident. Dark, sooty fracture planes.							
						DK	GY	MA	---	--	Gr	1
600.65	616.72	16.07	LST	FG	Thin to thick bedded limestone with black, sooty styolites and seams (approx. few per metre each) and weak to moderate calcite veining (10-20 veinlets-stringers per metre). Trace orpiment on fractures.							
						DK	GY	BD	---	--	Om	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
616.72	619.49	2.77	LST	FG	Variably reactive limestone (weak to strong) with prevalent calcite stringers. Possibly dolomitized limestone. No bedding evident. Dark, sooty fracture planes. At end of interval is a 5 cm wide, black gouge zone and surrounding limestone with weak oripiment mineralization.							
						MD	GY	MA	---	--	Om	0.1
						DK	GY					
619.49	628.59	9.10	LST	FG	Interbedded, more dolomitized (?) limestone (less reactive, more massive with prevalent calcite stringers) and thin bedded dark grey limestone. Calcite/dolomite veining sometimes vuggy. Black seams common, especially near fractures. Trace styolites.							
						MD	OL	BD	---	--	--	0
								VU				
								MA				
628.59	685.80	57.21	LST	FG	Thin bedded limestone with weak to moderate calcite veining (1-2 larger veins-veinlets per metre). Dark, sooty seams common, espcially near fractures. Minor soft sediment deformation. 2-3 styolites per metre. Minor sandier interbeds. Vugs in some calcite veins. Frequency of styolites decreases downhole to less than 1 per metre near EOH.							
						DK	GY	BD	---	--	Gr	2
								VU				
								SD				

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From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	0.62	0.62	0	0	0.00	0	--	--	--	
0.62	1.52	0.90	0.89	99	0.00	0	0R	1H	3W	
1.52	3.05	1.53	1.42	93	0.23	15	0R	1H	3W	
3.05	4.57	1.52	1.42	93	0.56	37	2R	2H	4W	
4.57	6.10	1.53	1.4	92	0.35	23	2R	2H	4W	
6.10	7.62	1.52	1.01	66	0.00	0	1R	1H	3W	
7.62	9.14	1.52	1.52	100	0.32	21	3R	3H	5W	
9.14	10.67	1.53	1.53	100	0.53	35	1R	3H	3W	
10.67	12.19	1.52	1.52	100	0.65	43	1R	3H	3W	
12.19	13.72	1.53	1.15	75	0.45	29	2R	3H	3W	
13.72	15.24	1.52	1.52	100	0.15	10	0R	2H	4W	
15.24	16.76	1.52	1.52	100	0.36	24	1R	3H	4W	
16.76	18.29	1.53	1.53	100	1.18	77	1R	3H	2W	
18.29	19.81	1.52	1.52	100	1.08	71	0R	3H	2W	
19.81	21.34	1.53	1.43	93	0.71	46	0R	3H	2W	
21.34	22.86	1.52	1.52	100	0.25	16	0R	4H	2W	
22.86	24.38	1.52	1.52	100	1.19	78	0R	3H	1W	
24.38	25.91	1.53	1.52	99	0.88	58	0R	3H	1W	
25.91	27.43	1.52	1.52	100	1.34	88	0R	3H	1W	
27.43	28.96	1.53	1.51	99	0.92	60	0R	3H	1W	
28.96	30.48	1.52	1.52	100	0.98	64	0R	3H	1W	
30.48	32.00	1.52	1.46	96	0.78	51	0R	3H	1W	
32.00	33.53	1.53	1.5	98	1.27	83	0R	3H	1W	
33.53	35.05	1.52	1.43	94	0.96	63	0R	2H	1W	
35.05	36.58	1.53	1.53	100	0.91	59	0R	3H	1W	
36.58	38.10	1.52	1.52	100	1.19	78	0R	3H	1W	
38.10	39.62	1.52	1.52	100	1.45	95	0R	3H	1W	
39.62	41.15	1.53	1.53	100	1.34	88	0R	3H	2W	
41.15	42.67	1.52	1.52	100	0.97	64	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
42.67	44.20	1.53	1.38	90	1.11	73	0R	3H	1W	
44.20	45.72	1.52	1.52	100	1.28	84	0R	2H	1W	
45.72	47.24	1.52	1.46	96	1.14	75	0R	3H	1W	
47.24	48.77	1.53	1.53	100	1.35	88	0R	3H	1W	
48.77	50.29	1.52	1.52	100	1.31	86	0R	3H	1W	
50.29	51.82	1.53	1.41	92	1.01	66	0R	3H	1W	
51.82	53.34	1.52	1.52	100	0.77	51	0R	3H	1W	
53.34	54.86	1.52	1.52	100	1.52	100	0R	3H	1W	
54.86	56.39	1.53	1.53	100	1.51	99	0R	3H	1W	
56.39	57.91	1.52	1.46	96	1.46	96	0R	3H	1W	
57.91	59.44	1.53	1.25	82	1.25	82	0R	3H	1W	
59.44	60.96	1.52	1.47	97	1.40	92	0R	3H	1W	
60.96	62.48	1.52	1.52	100	1.52	100	0R	3H	1W	
62.48	64.01	1.53	1.53	100	1.53	100	0R	3H	1W	
64.01	65.53	1.52	1.52	100	1.49	98	0R	3H	1W	
65.53	67.06	1.53	1.53	100	0.97	63	0R	3H	1W	
67.06	68.58	1.52	1.52	100	0.50	33	0R	2H	1W	
68.58	70.10	1.52	1.47	97	1.47	97	0R	3H	1W	
70.10	71.63	1.53	1.5	98	1.44	94	0R	3H	1W	
71.63	73.15	1.52	1.52	100	1.45	95	0R	3H	1W	
73.15	74.68	1.53	1.5	98	1.19	78	0R	3H	1W	
74.68	76.20	1.52	1.52	100	1.24	82	0R	3H	1W	
76.20	77.72	1.52	1.44	95	1.41	93	0R	3H	1W	
77.72	79.25	1.53	1.53	100	1.41	92	0R	3H	1W	
79.25	80.77	1.52	1.43	94	1.33	88	0R	3H	1W	
80.77	82.30	1.53	1.53	100	1.30	85	0R	3H	1W	
82.30	83.82	1.52	1.52	100	1.44	95	0R	3H	1W	
83.82	85.34	1.52	1.45	95	1.21	80	0R	3H	1W	
85.34	86.87	1.53	1.53	100	1.41	92	0R	3H	1W	
86.87	88.39	1.52	1.52	100	1.34	88	0R	4H	1W	
88.39	89.92	1.53	1.53	100	1.17	76	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.92	91.44	1.52	1.52	100	0.80	53	0R	3H	1W	
91.44	92.96	1.52	1.52	100	1.16	76	0R	3H	1W	
92.96	94.49	1.53	1.53	100	1.37	90	0R	2H	1W	
94.49	96.01	1.52	1.52	100	1.52	100	0R	3H	1W	
96.01	97.54	1.53	1.53	100	1.53	100	0R	3H	1W	
97.54	99.06	1.52	1.52	100	1.45	95	0R	3H	1W	
99.06	100.58	1.52	1.48	97	1.36	89	0R	3H	1W	
100.58	102.11	1.53	1.53	100	1.40	92	0R	3H	1W	
102.11	103.63	1.52	1.52	100	1.52	100	0R	3H	1W	
103.63	105.16	1.53	1.53	100	1.49	97	0R	3H	1W	
105.16	106.68	1.52	1.52	100	1.52	100	0R	3H	1W	
106.68	108.20	1.52	1.52	100	1.43	94	0R	3H	1W	
108.20	109.73	1.53	1.53	100	1.29	84	0R	3H	1W	
109.73	111.25	1.52	1.39	91	0.84	55	0R	3H	1W	
111.25	112.78	1.53	1.53	100	1.40	92	0R	3H	1W	
112.78	114.30	1.52	1.52	100	1.52	100	0R	3H	1W	
114.30	115.82	1.52	1.35	89	1.34	88	0R	3H	1W	
115.82	117.35	1.53	1.53	100	1.39	91	0R	3H	1W	
117.35	118.87	1.52	1.52	100	1.49	98	0R	3H	1W	
118.87	120.40	1.53	1.53	100	1.51	99	0R	3H	1W	
120.40	121.92	1.52	1.52	100	1.28	84	0R	3H	1W	
121.92	123.44	1.52	1.42	93	0.76	50	0R	2H	1W	
123.44	124.97	1.53	1.53	100	0.87	57	0R	2H	1W	
124.97	126.49	1.52	1.52	100	0.98	64	0R	3H	1W	
126.49	128.02	1.53	1.42	93	1.31	86	0R	3H	1W	
128.02	129.54	1.52	1.45	95	1.45	95	0R	3H	1W	
129.54	131.06	1.52	1.52	100	1.44	95	0R	3H	1W	
131.06	132.59	1.53	1.46	95	1.36	89	0R	3H	1W	
132.59	134.11	1.52	1.52	100	1.48	97	0R	3H	1W	
134.11	135.64	1.53	1.53	100	1.46	95	0R	3H	1W	
135.64	137.16	1.52	1.52	100	1.13	74	0R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
137.16	138.68	1.52	1.36	89	1.18	78	0R	4H	1W	
138.68	140.21	1.53	1.53	100	1.47	96	0R	3H	1W	
140.21	141.73	1.52	1.41	93	1.41	93	0R	3H	1W	
141.73	143.26	1.53	1.5	98	1.43	93	0R	3H	1W	
143.26	144.78	1.52	1.52	100	1.40	92	0R	3H	1W	
144.78	146.30	1.52	1.52	100	1.39	91	0R	3H	1W	
146.30	147.83	1.53	1.44	94	1.23	80	0R	3H	1W	
147.83	149.35	1.52	1.52	100	1.40	92	0R	3H	1W	
149.35	150.88	1.53	1.51	99	0.91	59	0R	3H	1W	
150.88	152.40	1.52	1.52	100	1.52	100	0R	3H	1W	
152.40	153.92	1.52	1.48	97	1.28	84	0R	3H	1W	
153.92	155.45	1.53	1.53	100	1.24	81	0R	3H	1W	
155.45	156.97	1.52	1.49	98	1.42	93	0R	3H	1W	
156.97	158.50	1.53	1.51	99	1.35	88	0R	3H	1W	
158.50	160.02	1.52	1.51	99	1.47	97	0R	3H	1W	
160.02	161.54	1.52	1.52	100	1.40	92	0R	3H	1W	
161.54	163.07	1.53	1.53	100	1.16	76	0R	3H	1W	
163.07	164.59	1.52	1.52	100	1.29	85	0R	3H	1W	
164.59	166.12	1.53	1.46	95	1.34	88	0R	3H	1W	
166.12	167.64	1.52	1.52	100	1.47	97	0R	3H	1W	
167.64	169.16	1.52	1.52	100	1.32	87	0R	3H	1W	
169.16	170.69	1.53	1.53	100	1.20	78	0R	3H	1W	
170.69	172.21	1.52	1.52	100	1.27	84	0R	3H	1W	
172.21	173.74	1.53	1.48	97	1.24	81	0R	3H	1W	
173.74	175.26	1.52	1.52	100	1.32	87	0R	3H	1W	
175.26	176.78	1.52	1.52	100	0.84	55	0R	3H	1W	
176.78	178.31	1.53	1.45	95	0.32	21	0R	4H	1W	
178.31	179.83	1.52	1.52	100	0.88	58	0R	4H	1W	
179.83	181.36	1.53	1.47	96	0.62	41	0R	4H	1W	
181.36	182.88	1.52	1.52	100	0.44	29	0R	4H	1W	
182.88	184.40	1.52	1.52	100	0.37	24	0R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
184.40	185.93	1.53	1.53	100	0.72	47	0R	4H	1W	
185.93	187.45	1.52	1.47	97	1.05	69	0R	4H	1W	
187.45	188.98	1.53	1.53	100	1.06	69	0R	3H	1W	
188.98	190.50	1.52	1.37	90	1.35	89	0R	3H	1W	
190.50	192.02	1.52	1.52	100	1.05	69	0R	2H	1W	
192.02	193.55	1.53	1.4	92	0.74	48	0R	3H	1W	
193.55	195.07	1.52	1.52	100	1.19	78	0R	3H	1W	
195.07	196.60	1.53	1.51	99	1.28	84	0R	3H	1W	
196.60	198.12	1.52	1.52	100	0.58	38	0R	2H	1W	
198.12	199.64	1.52	1.48	97	1.40	92	0R	3H	1W	
199.64	201.17	1.53	1.53	100	1.47	96	0R	3H	1W	
201.17	202.69	1.52	1.48	97	1.45	95	0R	3H	1W	
202.69	204.22	1.53	1.53	100	1.39	91	0R	3H	1W	
204.22	205.74	1.52	1.51	99	1.41	93	0R	3H	1W	
205.74	207.26	1.52	1.52	100	1.17	77	0R	3H	1W	
207.26	208.79	1.53	1.48	97	1.16	76	0R	3H	1W	
208.79	210.31	1.52	1.52	100	0.89	59	0R	3H	1W	
210.31	211.84	1.53	1.32	86	1.09	71	0R	3H	1W	
211.84	213.36	1.52	1.52	100	1.24	82	0R	3H	1W	
213.36	214.88	1.52	1.47	97	1.31	86	0R	3H	1W	
214.88	216.41	1.53	1.53	100	1.38	90	0R	3H	1W	
216.41	217.93	1.52	1.52	100	1.15	76	0R	3H	1W	
217.93	219.46	1.53	1.53	100	0.53	35	0R	2H	1W	
219.46	220.98	1.52	1.34	88	1.29	85	1R	3H	1W	
220.98	222.50	1.52	1.52	100	0.79	52	1R	3H	1W	
222.50	224.03	1.53	1.53	100	1.19	78	0R	3H	1W	
224.03	225.55	1.52	1.33	88	0.88	58	0R	2H	1W	
225.55	227.08	1.53	1.36	89	1.07	70	0R	3H	1W	
227.08	228.60	1.52	1.52	100	1.47	97	0R	3H	1W	
228.60	230.12	1.52	1.52	100	1.15	76	0R	3H	1W	
230.12	231.65	1.53	1.53	100	1.32	86	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
231.65	233.17	1.52	1.46	96	0.90	59	0R	3H	1W	
233.17	234.70	1.53	1.41	92	0.72	47	0R	3H	1W	
234.70	236.22	1.52	1.52	100	1.04	68	0R	3H	1W	
236.22	237.74	1.52	1.52	100	1.04	68	0R	4H	1W	
237.74	239.27	1.53	1.5	98	1.22	80	0R	4H	1W	
239.27	240.79	1.52	1.52	100	1.15	76	0R	4H	1W	
240.79	242.32	1.53	1.53	100	1.06	69	1R	4H	1W	
242.32	243.84	1.52	1.52	100	0.87	57	0R	4H	1W	
243.84	245.36	1.52	1.4	92	0.22	14	0R	4H	1W	
245.36	246.89	1.53	1.53	100	0.93	61	0R	4H	1W	
246.89	248.41	1.52	1.37	90	1.03	68	0R	3H	1W	
248.41	249.94	1.53	1.53	100	1.17	76	0R	3H	1W	
249.94	251.46	1.52	1.52	100	1.40	92	0R	3H	1W	
251.46	252.98	1.52	1.51	99	1.31	86	0R	3H	1W	
252.98	254.51	1.53	1.53	100	1.14	75	0R	3H	1W	
254.51	256.03	1.52	1.52	100	1.42	93	0R	3H	1W	
256.03	257.56	1.53	1.47	96	1.12	73	0R	3H	1W	
257.56	259.08	1.52	1.51	99	1.37	90	0R	3H	1W	
259.08	260.60	1.52	1.47	97	1.20	79	0R	3H	1W	
260.60	262.13	1.53	1.53	100	1.31	86	0R	2H	1W	
262.13	263.65	1.52	1.52	100	1.12	74	0R	3H	1W	
263.65	265.18	1.53	1.53	100	1.14	75	0R	3H	1W	
265.18	266.70	1.52	1.52	100	1.45	95	0R	3H	1W	
266.70	268.22	1.52	1.43	94	1.04	68	0R	3H	1W	
268.22	269.75	1.53	1.46	95	1.17	76	0R	2H	1W	
269.75	271.27	1.52	1.52	100	1.21	80	0R	3H	1W	
271.27	272.80	1.53	1.47	96	1.23	80	0R	3H	1W	
272.80	274.32	1.52	1.52	100	1.15	76	0R	3H	1W	
274.32	275.84	1.52	1.52	100	1.10	72	2R	3H	1W	
275.84	277.37	1.53	1.53	100	1.18	77	0R	2H	1W	
277.37	278.89	1.52	1.48	97	1.48	97	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
278.89	280.42	1.53	1.53	100	1.50	98	0R	3H	1W	
280.42	281.94	1.52	1.49	98	1.10	72	1R	2H	1W	
281.94	283.46	1.52	1.52	100	1.13	74	2R	3H	1W	
283.46	284.99	1.53	1.36	89	1.26	82	3R	3H	1W	
284.99	286.51	1.52	1.52	100	1.46	96	2R	3H	1W	
286.51	288.04	1.53	1.49	97	1.45	95	2R	3H	1W	
288.04	289.56	1.52	1.52	100	1.46	96	0R	3H	1W	
289.56	291.08	1.52	1.52	100	1.20	79	0R	3H	1W	
291.08	292.61	1.53	1.53	100	1.26	82	0R	3H	1W	
292.61	294.13	1.52	1.51	99	1.38	91	0R	3H	1W	joints here
294.13	295.66	1.53	1.52	99	1.50	98	0R	3H	1W	
295.66	297.18	1.52	1.48	97	1.44	95	0R	3H	1W	
297.18	298.70	1.52	1.52	100	1.45	95	0R	4H	1W	
298.70	300.23	1.53	1.5	98	1.30	85	0R	4H	1W	
300.23	301.75	1.52	1.49	98	1.34	88	0R	4H	1W	
301.75	303.28	1.53	1.46	95	1.17	76	0R	4H	1W	
303.28	304.80	1.52	1.52	100	1.24	82	0R	3H	1W	
304.80	306.32	1.52	1.49	98	1.49	98	0R	3H	1W	
306.32	307.85	1.53	1.47	96	0.81	53	0R	3H	1W	
307.85	309.37	1.52	1.51	99	1.21	80	0R	3H	1W	
309.37	310.90	1.53	1.53	100	0.86	56	0R	3H	1W	
310.90	312.42	1.52	1.52	100	1.21	80	0R	3H	1W	
312.42	313.94	1.52	1.52	100	1.22	80	0R	3H	1W	
313.94	315.47	1.53	1.53	100	1.15	75	0R	3H	1W	
315.47	316.99	1.52	1.52	100	1.50	99	0R	3H	1W	
316.99	318.52	1.53	1.39	91	1.24	81	0R	3H	1W	
318.52	320.04	1.52	1.52	100	1.36	89	0R	3H	1W	
320.04	321.56	1.52	1.52	100	0.78	51	0R	3H	1W	
321.56	323.09	1.53	1.51	99	1.47	96	0R	3H	1W	
323.09	324.61	1.52	1.35	89	1.24	82	0R	3H	1W	
324.61	326.14	1.53	1.53	100	0.85	56	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
326.14	327.66	1.52	1.42	93	1.30	86	0R	3H	1W	
327.66	329.18	1.52	1.52	100	1.52	100	0R	3H	1W	
329.18	330.71	1.53	1.53	100	1.37	90	0R	3H	1W	
330.71	332.23	1.52	1.52	100	1.20	79	0R	3H	1W	
332.23	333.76	1.53	1.4	92	0.97	63	0R	3H	1W	
333.76	335.28	1.52	1.43	94	1.24	82	0R	3H	1W	
335.28	336.80	1.52	1.52	100	1.11	73	0R	3H	1W	
336.80	338.33	1.53	1.27	83	0.77	50	0R	3H	1W	
338.33	341.38	3.05	2.96	97	2.57	84	0R	3H	1W	
341.38	344.42	3.04	2.98	98	2.41	79	0R	3H	1W	
344.42	347.47	3.05	2.85	93	2.09	69	0R	3H	1W	
347.47	350.52	3.05	2.55	84	1.40	46	3R	4H	1W	minor lst component
350.52	353.57	3.05	2.92	96	2.27	74	0R	3H	1W	minor conglomerate component
353.57	356.62	3.05	3.03	99	2.86	94	4R	4H	1W	
356.62	359.66	3.04	2.94	97	2.20	72	0R	3H	1W	
359.66	362.71	3.05	2.98	98	2.40	79	0R	3H	1W	
362.71	365.76	3.05	2.99	98	1.90	62	0R	3H	1W	
365.76	368.81	3.05	2.92	96	2.51	82	4R	3H	1W	
368.81	371.86	3.05	3	98	2.43	80	4R	4H	1W	
371.86	374.90	3.04	2.99	98	2.90	95	4R	3H	1W	
374.90	377.95	3.05	2.96	97	2.49	82	4R	3H	1W	
377.95	381.00	3.05	2.98	98	1.64	54	4R	3H	1W	
381.00	384.05	3.05	2.99	98	2.09	69	4R	3H	1W	
384.05	387.10	3.05	2.99	98	2.05	67	4R	3H	1W	
387.10	390.14	3.04	2.95	97	1.45	48	4R	3H	1W	
390.14	393.19	3.05	2.85	93	2.32	76	4R	3H	1W	
393.19	396.24	3.05	3	98	2.05	67	4R	3H	1W	
396.24	399.29	3.05	3.01	99	2.23	73	3R	3H	1W	
399.29	402.34	3.05	2.95	97	2.29	75	4R	3H	1W	
402.34	405.38	3.04	2.9	95	1.87	62	4R	3H	1W	
405.38	408.43	3.05	2.9	95	1.88	62	3R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
408.43	411.48	3.05	3	98	2.05	67	4R	3H	1W	
411.48	414.53	3.05	3.04	100	2.57	84	4R	3H	1W	
414.53	417.58	3.05	3.03	99	2.82	92	4R	4H	1W	
417.58	420.62	3.04	2.98	98	2.33	77	4R	4H	1W	
420.62	423.67	3.05	2.95	97	2.68	88	4R	4H	1W	
423.67	426.72	3.05	2.97	97	2.00	66	4R	3H	1W	
426.72	429.77	3.05	2.99	98	2.73	90	4R	4H	1W	
429.77	432.82	3.05	2.87	94	2.55	84	4R	4H	1W	
432.82	435.86	3.04	3	99	2.67	88	4R	3H	1W	
435.86	438.91	3.05	3.05	100	2.65	87	4R	3H	1W	
438.91	441.96	3.05	2.98	98	2.79	91	4R	3H	1W	
441.96	445.01	3.05	3.04	100	2.84	93	4R	4H	1W	
445.01	448.06	3.05	2.91	95	2.22	73	4R	4H	1W	
448.06	451.10	3.04	2.98	98	2.49	82	4R	4H	1W	No joint set visible in MZN
451.10	454.15	3.05	2.9	95	2.23	73	3R	3H	1W	
454.15	457.20	3.05	2.89	95	2.28	75	4R	3H	1W	No joint set in visible in MZN
457.20	460.25	3.05	2.91	95	2.57	84	4R	4H	1W	
460.25	463.30	3.05	3	98	2.91	95	4R	4H	1W	
463.30	466.34	3.04	2.95	97	2.36	78	3R	3H	1W	No joints
466.34	469.39	3.05	2.95	97	2.36	77	3R	3H	1W	No joints
469.39	472.44	3.05	2.99	98	1.28	42	2R	2H	1W	No joints
472.44	475.49	3.05	2.82	92	1.62	53	2R	3H	1W	
475.49	478.54	3.05	2.98	98	1.45	48	1R	4H	1W	
478.54	481.58	3.04	2.97	98	1.10	36	1R	3H	1W	
481.58	484.63	3.05	2.98	98	2.65	87	3R	3H	1W	
484.63	487.68	3.05	2.88	94	1.80	59	4R	3H	1W	
487.68	490.73	3.05	2.94	96	2.29	75	4R	4H	1W	No joints
490.73	493.78	3.05	3	98	2.45	80	4R	3H	1W	
493.78	496.82	3.04	3.04	100	2.53	83	4R	3H	1W	
496.82	499.87	3.05	2.84	93	2.63	86	4R	3H	1W	
499.87	502.92	3.05	3.05	100	2.78	91	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
502.92	505.97	3.05	3.05	100	2.77	91	4R	3H	1W	No joints
505.97	509.02	3.05	2.8	92	2.10	69	4R	3H	1W	
509.02	512.06	3.04	3.04	100	2.55	84	3R	3H	1W	
512.06	515.11	3.05	3.03	99	3.00	98	4R	3H	1W	No joints
515.11	518.16	3.05	2.97	97	2.50	82	4R	3H	1W	
518.16	521.21	3.05	2.95	97	2.35	77	4R	3H	1W	
521.21	524.26	3.05	2.9	95	2.23	73	4R	3H	1W	
524.26	527.30	3.04	3	99	2.98	98	4R	3H	1W	
527.30	530.35	3.05	3.02	99	2.80	92	4R	3H	1W	
530.35	533.40	3.05	3.04	100	2.82	92	4R	3H	1W	
533.40	536.45	3.05	2.92	96	2.40	79	4R	3H	1W	
536.45	539.50	3.05	3	98	2.87	94	4R	3H	1W	No joints
539.50	542.54	3.04	3	99	2.89	95	4R	3H	1W	No joints
542.54	545.59	3.05	3.05	100	2.68	88	4R	3H	1W	
545.59	548.64	3.05	2.9	95	2.35	77	4R	3H	1W	
548.64	551.69	3.05	3.03	99	2.45	80	4R	3H	1W	
551.69	554.74	3.05	3.04	100	3.04	100	4R	4H	1W	
554.74	557.78	3.04	3.04	100	2.82	93	4R	3H	1W	
557.78	560.83	3.05	3	98	3.00	98	4R	3H	1W	
560.83	563.88	3.05	3.05	100	2.65	87	4R	3H	1W	
563.88	566.93	3.05	2.98	98	2.94	96	4R	3H	1W	
566.93	569.98	3.05	3.05	100	2.95	97	4R	3H	1W	
569.98	573.02	3.04	3	99	2.78	91	4R	3H	1W	
573.02	576.07	3.05	2.98	98	2.85	93	4R	4H	1W	
576.07	579.12	3.05	3	98	2.25	74	4R	4H	1W	
579.12	582.17	3.05	3	98	2.42	79	4R	3H	1W	
582.17	585.22	3.05	3.02	99	3.02	99	4R	3H	1W	
585.22	588.26	3.04	3.04	100	2.68	88	4R	3H	1W	
588.26	591.31	3.05	3.05	100	2.89	95	4R	3H	1W	
591.31	594.36	3.05	3.05	100	2.89	95	4R	3H	1W	
594.36	597.41	3.05	2.89	95	1.64	54	3R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
597.41	600.46	3.05	3.05	100	2.84	93	4R	3H	1W	
600.46	603.50	3.04	3.04	100	2.72	89	4R	3H	1W	
603.50	606.55	3.05	3.05	100	2.70	89	4R	3H	1W	
606.55	609.60	3.05	3.05	100	2.87	94	4R	3H	1W	
609.60	612.65	3.05	3.05	100	2.73	90	4R	3H	1W	
612.65	615.70	3.05	3.05	100	2.07	68	4R	3H	1W	
615.70	618.74	3.04	3.02	99	2.10	69	3R	4H	1W	
618.74	621.79	3.05	3.01	99	2.77	91	3R	4H	1W	
621.79	624.84	3.05	3.05	100	1.39	46	3R	4H	1W	
624.84	627.89	3.05	3	98	2.16	71	3R	4H	1W	
627.89	630.94	3.05	3.05	100	1.39	46	3R	4H	1W	
630.94	633.98	3.04	3.04	100	2.76	91	4R	3H	1W	
633.98	637.03	3.05	3.03	99	2.06	68	4R	3H	1W	
637.03	640.08	3.05	2.99	98	2.74	90	4R	3H	1W	
640.08	643.13	3.05	2.85	93	1.92	63	4R	3H	1W	
643.13	646.18	3.05	2.97	97	1.91	63	4R	3H	1W	
646.18	649.22	3.04	3.04	100	1.07	35	4R	3H	1W	
649.22	650.75	1.53	1.51	99	0.25	16	3R	2H	1W	
650.75	653.80	3.05	3.02	99	1.77	58	4R	3H	1W	
653.80	655.32	1.52	1.52	100	1.15	76	4R	4H	1W	
655.32	658.37	3.05	3.01	99	2.33	76	4R	4H	1W	
658.37	661.42	3.05	3.03	99	2.21	72	3R	4H	1W	
661.42	664.46	3.04	3.01	99	1.55	51	4R	3H	1W	
664.46	667.51	3.05	2.99	98	1.13	37	4R	4H	1W	
667.51	670.56	3.05	3.05	100	1.64	54	3R	3H	1W	
670.56	673.61	3.05	3.05	100	1.64	54	3R	3H	1W	
673.61	676.66	3.05	3.05	100	1.83	60	3R	4H	1W	
676.66	679.70	3.04	2.97	98	1.20	39	4R	3H	1W	
679.70	682.75	3.05	3.05	100	1.46	48	4R	3H	1W	
682.75	685.80	3.05	2.98	98	1.88	62	4R	3H	1W	

OS -14-229

Nadaleen
Conrad Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	R501005	14-033	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501079	14-035	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501073	14-034	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501071	14-034	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501055	14-034	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501046	14-034	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501038	14-033	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310893	14-029	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501016	14-033	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501002	14-032	Core	CS4	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310999	14-032	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310926	14-030	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310900	14-030	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501028	14-033	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310916	14-030	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310996	14-032	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310935	14-031	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310940	14-031	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310954	14-031	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310958	14-031	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310970	14-032	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	K310909	14-030	Core	CS1	☐	☐	☐
0.62	6.10	5.48	SLT, -?-	5.13	94	Q052143	14-C05	Chip		☐	☐	☐
6.10	12.19	6.09	SLT	5.58	92	Q052144	14-C05	Chip		☐	☐	☐
12.19	18.29	6.10	SLT	5.72	94	Q052145	14-C05	Chip		☐	☐	☐
18.29	24.38	6.09	SLT	5.99	98	Q052146	14-C05	Chip		☐	☐	☐
24.38	30.48	6.10	SLT	6.07	100	Q052147	14-C05	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
30.48	36.58	6.10	SLT	5.95	98	Q052148	14-C05	Chip		☐	☐	☐
36.58	42.67	6.09	SLT	6.09	100	Q052149	14-C05	Chip		☐	☐	☐
42.67	48.77	6.10	SLT	5.89	97	Q052150	14-C05	Chip		☐	☐	☐
48.77	54.86	6.09	SLT	5.97	98	Q052151	14-C05	Chip		☐	☐	☐
54.86	60.96	6.10	SLT	5.71	94	Q052152	14-C05	Chip		☐	☐	☐
60.96	67.06	6.10	SLT	6.10	100	Q052153	14-C05	Chip		☐	☐	☐
67.06	73.15	6.09	SLT	6.01	99	Q052154	14-C05	Chip		☐	☐	☐
73.15	79.25	6.10	SLT	5.99	98	Q052155	14-C05	Chip		☐	☐	☐
79.25	85.34	6.09	SLT	5.93	97	Q052156	14-C05	Chip		☐	☐	☐
85.34	91.44	6.10	SLT	6.10	100	Q052157	14-C05	Chip		☐	☐	☐
91.44	97.54	6.10	SLT	6.10	100	Q052158	14-C05	Chip		☐	☐	☐
97.54	103.63	6.09	SLT	6.05	99	Q052159	14-C05	Chip		☐	☐	☐
103.63	109.73	6.10	SLT	6.10	100	Q052160	14-C05	Chip		☐	☐	☐
109.73	115.82	6.09	SLT	5.79	95	Q052161	14-C05	Chip		☐	☐	☐
115.82	121.92	6.10	SLT	6.10	100	Q052162	14-C05	Chip		☐	☐	☐
121.92	128.02	6.10	SLT	5.89	97	Q052163	14-C05	Chip		☐	☐	☐
128.02	134.11	6.09	SLT	5.95	98	Q052164	14-C05	Chip		☐	☐	☐
134.11	140.21	6.10	SLT	5.94	97	Q052165	14-C05	Chip		☐	☐	☐
140.21	146.30	6.09	SLT	6.03	99	Q052166	14-C05	Chip		☐	☐	☐
146.30	152.40	6.10	SLT	5.99	98	Q052167	14-C05	Chip		☐	☐	☐
152.40	158.50	6.10	SLT	6.10	100	Q052168	14-C05	Chip		☐	☐	☐
158.50	164.59	6.09	SLT	6.08	100	Q052169	14-C05	Chip		☐	☐	☐
164.59	170.69	6.10	SLT	6.03	99	Q052170	14-C05	Chip		☐	☐	☐
170.69	176.78	6.09	SLT	6.04	99	Q052171	14-C05	Chip		☐	☐	☐
176.78	182.88	6.10	SLT	5.96	98	Q052172	14-C05	Chip		☐	☐	☐
182.88	188.98	6.10	SLT	6.05	99	Q052173	14-C05	Chip		☐	☐	☐
188.98	195.07	6.09	SLT	5.81	95	Q052174	14-C05	Chip		☐	☐	☐
195.07	201.17	6.10	SLT	6.04	99	Q052175	14-C05	Chip		☐	☐	☐
201.17	207.26	6.09	SLT	6.04	99	Q052176	14-C05	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
207.26	213.36	6.10	SLT	5.84	96	Q052177	14-C05	Chip		☐	☐	☐
213.36	217.93	4.57	SLT	4.52	99	Q052178	14-C05	Chip		☐	☐	☐
217.93	222.50	4.57	SLT	4.39	96	Q052179	14-C05	Chip		☐	☐	☐
222.50	225.55	3.05	SLT	2.86	94	K310892	14-029	Core		☐	☐	☐
225.55	228.60	3.05	SLT	2.88	94	K310894	14-029	Core		☐	☐	☐
228.60	231.65	3.05	SLT	3.05	100	K310895	14-030	Core		☐	☐	☐
231.65	234.70	3.05	SLT	2.87	94	K310896	14-030	Core		☐	☐	☐
234.70	237.04	2.34	SLT	2.34	100	K310897	14-030	Core		☐	☐	☐
237.04	239.10	2.06	SLT	1.97	96	K310898	14-030	Core		☐	☐	☐
239.10	242.32	3.22	SLT	3.16	98	K310899	14-030	Core		☐	☐	☐
242.32	245.36	3.04	SLT	2.92	96	K310901	14-030	Core		☐	☐	☐
245.36	248.41	3.05	SLT	2.90	95	K310902	14-030	Core		☐	☐	☐
248.41	251.46	3.05	SLT	3.05	100	K310903	14-030	Core		☐	☐	☐
251.46	252.98	1.52	SLT	1.51	99	K310904	14-030	Core		☐	☐	☐
252.98	259.08	6.10	SLT	6.03	99	Q052180	14-C05	Chip		☐	☐	☐
259.08	265.18	6.10	SLT	6.05	99	Q052181	14-C05	Chip		☐	☐	☐
265.18	267.85	2.67	SLT	2.50	94	K310905	14-030	Core		☐	☐	☐
267.85	269.75	1.90	SLT	1.84	97	K310906	14-030	Core		☐	☐	☐
269.75	272.80	3.05	SLT	2.99	98	K310907	14-030	Core		☐	☐	☐
272.80	275.84	3.04	SLT	3.04	100	K310908	14-030	Core		☐	☐	☐
275.84	278.89	3.05	SLT	3.01	99	K310910	14-030	Core		☐	☐	☐
278.89	281.86	2.97	SLT	2.93	99	K310911	14-030	Core		☐	☐	☐
281.86	283.46	1.60	SLT, LST	1.60	100	K310912	14-030	Core		☐	☐	☐
283.46	285.74	2.28	LST	2.11	93	K310913	14-030	Core		☐	☐	☐
285.74	287.69	1.95	LST	1.94	99	K310914	14-030	Core		☐	☐	☐
287.69	289.00	1.31	LST	1.31	100	K310915	14-030	Core		☐	☐	☐
289.00	291.08	2.08	SLT, LST	2.06	99	K310917	14-030	Core		☐	☐	☐
291.08	294.13	3.05	SLT	3.04	100	K310918	14-030	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
291.08	294.13	3.05	SLT	3.04	100	K310919	14-030	Core		☐	☑	☐
294.13	296.80	2.67	SLT	2.57	96	K310920	14-030	Core		☐	☐	☐
296.80	299.26	2.46	SLT	2.44	99	K310921	14-030	Core		☐	☐	☐
299.26	301.10	1.84	SLT	1.82	99	K310922	14-030	Core		☐	☐	☐
301.10	303.28	2.18	SLT	2.03	93	K310923	14-030	Core		☐	☐	☐
303.28	306.32	3.04	SLT	3.01	99	K310924	14-030	Core		☐	☐	☐
306.32	309.37	3.05	SLT	2.98	98	K310925	14-030	Core		☐	☐	☐
309.37	312.42	3.05	SLT	3.05	100	K310927	14-030	Core		☐	☐	☐
312.42	315.47	3.05	SLT	3.05	100	K310928	14-030	Core		☐	☐	☐
312.42	315.47	3.05	SLT	3.05	100	K310929	14-030	Core		☐	☐	☑
315.47	318.52	3.05	SLT	2.91	95	K310930	14-030	Core		☐	☐	☐
318.52	321.56	3.04	SLT	3.04	100	K310931	14-031	Core		☐	☐	☐
321.56	324.61	3.05	SLT	2.86	94	K310932	14-031	Core		☐	☐	☐
324.61	327.66	3.05	SLT	2.95	97	K310933	14-031	Core		☐	☐	☐
327.66	329.18	1.52	SLT	1.52	100	K310934	14-031	Core		☐	☐	☐
329.18	332.23	3.05	SLT	3.05	100	K310936	14-031	Core		☐	☐	☐
332.23	335.28	3.05	SLT	2.83	93	K310937	14-031	Core		☐	☐	☐
335.28	338.33	3.05	SLT	2.79	91	K310938	14-031	Core		☐	☐	☐
338.33	341.38	3.05	SLT	2.96	97	K310939	14-031	Core		☐	☐	☐
341.38	344.42	3.04	SLT	2.98	98	K310941	14-031	Core		☐	☐	☐
344.42	347.47	3.05	SLT	2.85	93	K310942	14-031	Core		☐	☐	☐
347.47	350.52	3.05	SLT	2.55	84	K310943	14-031	Core		☐	☐	☐
350.52	353.57	3.05	SLT	2.92	96	K310944	14-031	Core		☐	☐	☐
353.57	356.62	3.05	SLT	3.03	99	K310945	14-031	Core		☐	☐	☐
353.57	356.62	3.05	SLT	3.03	99	K310946	14-031	Core		☐	☑	☐
356.62	359.66	3.04	SLT	2.94	97	K310947	14-031	Core		☐	☐	☐
359.66	362.71	3.05	SLT	2.98	98	K310948	14-031	Core		☐	☐	☐
362.71	365.01	2.30	SLT	2.30	100	K310949	14-031	Core		☐	☐	☐
365.01	366.90	1.89	SLT	1.82	96	K310950	14-031	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
366.90	368.81	1.91	SLT, LST	1.89	99	K310951	14-031	Core		☐	☐	☐
368.81	371.86	3.05	LST	3.00	98	K310952	14-031	Core		☐	☐	☐
371.86	374.90	3.04	LST	2.99	98	K310953	14-031	Core		☐	☐	☐
374.90	377.95	3.05	LST	2.96	97	K310955	14-031	Core		☐	☐	☐
377.95	381.00	3.05	LST	2.98	98	K310956	14-031	Core		☐	☐	☐
381.00	384.05	3.05	LST	2.99	98	K310957	14-031	Core		☐	☐	☐
384.05	387.10	3.05	LST	2.99	98	K310959	14-031	Core		☐	☐	☐
387.10	390.14	3.04	LST	2.95	97	K310960	14-031	Core		☐	☐	☐
390.14	393.19	3.05	LST	2.85	93	K310961	14-031	Core		☐	☐	☐
393.19	396.24	3.05	LST	3.00	98	K310962	14-031	Core		☐	☐	☐
393.19	396.24	3.05	LST	3.00	98	K310963	14-031	Core		☐	☐	☑
396.24	399.29	3.05	LST	3.01	99	K310964	14-031	Core		☐	☐	☐
399.29	402.34	3.05	LST	2.95	97	K310965	14-031	Core		☐	☐	☐
402.34	405.38	3.04	LST	2.90	95	K310966	14-031	Core		☐	☐	☐
405.38	408.43	3.05	LST	2.90	95	K310967	14-032	Core		☐	☐	☐
408.43	411.48	3.05	LST	3.00	98	K310968	14-032	Core		☐	☐	☐
411.48	414.53	3.05	LST	3.04	100	K310969	14-032	Core		☐	☐	☐
414.53	417.58	3.05	LST	3.03	99	K310971	14-032	Core		☐	☐	☐
417.58	420.62	3.04	LST	2.98	98	K310972	14-032	Core		☐	☐	☐
420.62	423.67	3.05	LST	2.95	97	K310973	14-032	Core		☐	☐	☐
423.67	426.72	3.05	LST	2.97	97	K310974	14-032	Core		☐	☐	☐
426.72	429.11	2.39	LST	2.39	100	K310975	14-032	Core		☐	☐	☐
429.11	431.26	2.15	LST	1.99	93	K310976	14-032	Core		☐	☐	☐
431.26	433.46	2.20	LST	2.11	96	K310977	14-032	Core		☐	☐	☐
433.46	435.86	2.40	LST	2.40	100	K310978	14-032	Core		☐	☐	☐
435.86	438.91	3.05	LST	3.05	100	K310979	14-032	Core		☐	☐	☐
435.86	438.91	3.05	LST	3.05	100	K310980	14-032	Core		☐	☐	☑
438.91	441.96	3.05	LST	2.98	98	K310981	14-032	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
441.96	445.01	3.05	LST	3.04	100	K310982	14-032	Core		☐	☐	☐
445.01	448.06	3.05	LST	2.91	95	K310983	14-032	Core		☐	☐	☐
445.01	448.06	3.05	LST	2.91	95	K310984	14-032	Core		☐	☑	☐
448.06	450.18	2.12	LST	2.12	100	K310985	14-032	Core		☐	☐	☐
450.18	451.76	1.58	LST	1.58	100	K310986	14-032	Core		☐	☐	☐
451.76	454.15	2.39	LST	2.35	98	K310987	14-032	Core		☐	☐	☐
454.15	457.20	3.05	LST	2.89	95	K310988	14-032	Core		☐	☐	☐
457.20	460.25	3.05	LST	2.91	95	K310989	14-032	Core		☐	☐	☐
460.25	463.30	3.05	LST	3.00	98	K310990	14-032	Core		☐	☐	☐
463.30	466.34	3.04	LST	2.95	97	K310991	14-032	Core		☐	☐	☐
466.34	467.91	1.57	LST	1.57	100	K310992	14-032	Core		☐	☐	☐
467.91	470.67	2.76	LST	2.70	98	K310993	14-032	Core		☐	☐	☐
470.67	473.08	2.41	LST	2.33	97	K310994	14-032	Core		☐	☐	☐
473.08	475.49	2.41	LST	2.41	100	K310995	14-032	Core		☐	☐	☐
475.49	478.54	3.05	LST	2.98	98	K310997	14-032	Core		☐	☐	☐
478.54	481.49	2.95	LST	2.95	100	K310998	14-032	Core		☐	☐	☐
481.49	484.63	3.14	LST	3.14	100	K311000	14-032	Core		☐	☐	☐
484.63	487.68	3.05	LST	2.88	94	R501001	14-032	Core		☐	☐	☐
487.68	490.73	3.05	LST	2.94	96	R501003	14-033	Core		☐	☐	☐
490.73	493.78	3.05	LST	3.00	98	R501004	14-033	Core		☐	☐	☐
493.78	496.82	3.04	LST	3.04	100	R501006	14-033	Core		☐	☐	☐
496.82	499.87	3.05	LST	2.84	93	R501007	14-033	Core		☐	☐	☐
499.87	502.92	3.05	LST	3.05	100	R501008	14-033	Core		☐	☐	☐
499.87	502.92	3.05	LST	3.05	100	R501009	14-033	Core		☐	☑	☐
502.92	505.97	3.05	LST	3.05	100	R501010	14-033	Core		☐	☐	☐
505.97	509.02	3.05	LST	2.80	92	R501011	14-033	Core		☐	☐	☐
509.02	512.06	3.04	LST	3.04	100	R501012	14-033	Core		☐	☐	☐
512.06	515.11	3.05	LST	3.03	99	R501013	14-033	Core		☐	☐	☐
515.11	516.75	1.64	LST	1.64	100	R501014	14-033	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
516.75	518.45	1.70	LST	1.69	99	R501015	14-033	Core		☐	☐	☐
518.45	521.21	2.76	LST	2.69	97	R501017	14-033	Core		☐	☐	☐
521.21	524.26	3.05	LST	2.90	95	R501018	14-033	Core		☐	☐	☐
524.26	527.30	3.04	LST	3.00	99	R501019	14-033	Core		☐	☐	☐
527.30	530.35	3.05	LST	3.02	99	R501020	14-033	Core		☐	☐	☐
527.30	530.35	3.05	LST	3.02	99	R501021	14-033	Core		☐	☐	☑
530.35	533.40	3.05	LST	3.04	100	R501022	14-033	Core		☐	☐	☐
533.40	536.45	3.05	LST	2.92	96	R501023	14-033	Core		☐	☐	☐
536.45	539.50	3.05	LST	3.00	98	R501024	14-033	Core		☐	☐	☐
539.50	542.54	3.04	LST	3.00	99	R501025	14-033	Core		☐	☐	☐
542.54	545.59	3.05	LST	3.05	100	R501026	14-033	Core		☐	☐	☐
545.59	548.64	3.05	LST	2.90	95	R501027	14-033	Core		☐	☐	☐
548.64	551.69	3.05	LST	3.03	99	R501029	14-033	Core		☐	☐	☐
551.69	554.74	3.05	LST	3.04	100	R501030	14-033	Core		☐	☐	☐
554.74	557.78	3.04	LST	3.04	100	R501031	14-033	Core		☐	☐	☐
557.78	560.83	3.05	LST	3.00	98	R501032	14-033	Core		☐	☐	☐
560.83	563.88	3.05	LST	3.05	100	R501033	14-033	Core		☐	☐	☐
563.88	566.93	3.05	LST	2.98	98	R501034	14-033	Core		☐	☐	☐
566.93	569.98	3.05	LST	3.05	100	R501035	14-033	Core		☐	☐	☐
569.98	573.02	3.04	LST	3.00	99	R501036	14-033	Core		☐	☐	☐
573.02	576.07	3.05	LST	2.98	98	R501037	14-033	Core		☐	☐	☐
576.07	579.12	3.05	LST	3.00	98	R501039	14-034	Core		☐	☐	☐
579.12	582.17	3.05	LST	3.00	98	R501040	14-034	Core		☐	☐	☐
582.17	585.22	3.05	LST	3.02	99	R501041	14-034	Core		☐	☐	☐
585.22	588.26	3.04	LST	3.04	100	R501042	14-034	Core		☐	☐	☐
588.26	591.31	3.05	LST	3.05	100	R501043	14-034	Core		☐	☐	☐
591.31	594.36	3.05	LST	3.05	100	R501044	14-034	Core		☐	☐	☐
594.36	597.41	3.05	LST	2.89	95	R501045	14-034	Core		☐	☐	☐
597.41	600.46	3.05	LST	3.05	100	R501047	14-034	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
600.46	603.50	3.04	LST	3.04	100	R501048	14-034	Core		☐	☐	☐
603.50	606.55	3.05	LST	3.05	100	R501049	14-034	Core		☐	☐	☐
606.55	609.60	3.05	LST	3.05	100	R501050	14-034	Core		☐	☐	☐
609.60	612.65	3.05	LST	3.05	100	R501051	14-034	Core		☐	☐	☐
609.60	612.65	3.05	LST	3.05	100	R501052	14-034	Core		☐	☑	☐
612.65	615.70	3.05	LST	3.05	100	R501053	14-034	Core		☐	☐	☐
615.70	618.74	3.04	LST	3.02	99	R501054	14-034	Core		☐	☐	☐
618.74	621.79	3.05	LST	3.01	99	R501056	14-034	Core		☐	☐	☐
621.79	624.84	3.05	LST	3.05	100	R501057	14-034	Core		☐	☐	☐
624.84	627.89	3.05	LST	3.00	98	R501058	14-034	Core		☐	☐	☐
627.89	630.94	3.05	LST	3.05	100	R501059	14-034	Core		☐	☐	☐
630.94	633.98	3.04	LST	3.04	100	R501060	14-034	Core		☐	☐	☐
633.98	637.03	3.05	LST	3.03	99	R501061	14-034	Core		☐	☐	☐
633.98	637.03	3.05	LST	3.03	99	R501062	14-034	Core		☐	☐	☑
637.03	640.08	3.05	LST	2.99	98	R501063	14-034	Core		☐	☐	☐
640.08	643.13	3.05	LST	2.85	93	R501064	14-034	Core		☐	☐	☐
643.13	646.18	3.05	LST	2.97	97	R501065	14-034	Core		☐	☐	☐
646.18	649.22	3.04	LST	3.04	100	R501066	14-034	Core		☐	☐	☐
649.22	650.75	1.53	LST	1.53	100	R501067	14-034	Core		☐	☐	☐
650.75	653.80	3.05	LST	3.02	99	R501068	14-034	Core		☐	☐	☐
653.80	655.32	1.52	LST	1.52	100	R501069	14-034	Core		☐	☐	☐
655.32	658.37	3.05	LST	3.01	99	R501070	14-034	Core		☐	☐	☐
658.37	661.42	3.05	LST	3.03	99	R501072	14-034	Core		☐	☐	☐
661.42	664.46	3.04	LST	3.01	99	R501074	14-034	Core		☐	☐	☐
664.46	667.51	3.05	LST	2.99	98	R501075	14-035	Core		☐	☐	☐
667.51	670.56	3.05	LST	3.05	100	R501076	14-035	Core		☐	☐	☐
670.56	673.61	3.05	LST	3.05	100	R501077	14-035	Core		☐	☐	☐
673.61	676.66	3.05	LST	3.05	100	R501078	14-035	Core		☐	☐	☐
676.66	679.70	3.04	LST	2.97	98	R501080	14-035	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
679.70	682.75	3.05	LST	3.05	100	R501081	14-035	Core		☐	☐	☐
682.75	685.80	3.05	LST	2.98	98	R501082	14-035	Core		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		630416	7112362	1373.89	819.91

ZONE: Conrad

SECTION: C400E

HOLE: OS -14-230

CLAIM:

Contractor: Superior

Drill: 6

Core Size: HQ-NQ

Casing Depth:

Drilling Dates: Sep 02 -

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method
36.57	180.95	-80.7	Reflex
819.91	198.95	-81	Reflex

TARGET: Lower zone mineralization and SLC/LST contact

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	0.6	0.6	-?-
0.6	510.74	510.14	SLT
510.74	819.91	309.17	LST

SAMPLES	
Numbers:	Q052182 to Q052245, R501083 to R501262
Total:	245
Batch:	035, 036, 037, 038, 039, 040, C06
Certificates:	WH14135059, WH14145803, WH14145804, WH14145805, WH14145806, WH14145807, WH14145808

COMMENTS
*Confirm final location relative to 229

OS -14-230

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	0.60	0.60	-?-	--	No recovery/casing.							
						--	--	---	---	--	--	0
0.60	510.74	510.14	SLT	FG	C-SLC							
						MD	BK	BD	---	--	--	0
510.74	819.91	309.17	LST	FG	Conrad limestone with narrow mineralized zones towards end of interval							
						MD	GY	MA	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	0.60	0.60	-?-	--	No recovery/casing.							
						--	--	---	---	--	--	0
0.60	7.62	7.02	CGL	CG	Intensely oxidized, interbedded quartz granule to pebble conglomerate and mudstone. Prevalent rubble with minor gouge.							
						MD	BN	RB				
						MD	OR	PO	OXI	5I	--	0
7.62	8.50	0.88	MST	FG	Blue to grey gouge with minor more competent mudstone.							
						MD	GY	---	OXI	2I	--	0
						MD	BL					
8.50	17.03	8.53	MST	MG	Interbedded, strongly oxidized mudstone and quartz granule to pebble conglomerate. Rubble/gouge present between competent core.							
						MD	BL	RB				
						MD	OR	BD	OXI	4I	--	0
17.03	22.10	5.07	CGL	CG	Interbedded quartz granule to pebble conglomerate and minor mudstone. Oxidation weakly pervasive and on fractures.							
						MD	BL	MA	OXI	3I	--	0
						MD	OR	BD				
22.10	27.45	5.35	CGL	CG	Quartz granule to pebble conglomerate with minor quartz stringers and blebby pyrite in thin sandy interbed. Trace mudstone/siltstone interbeds.							
						MD	GY	MA	OXI	0I	Py	0.01
						MD	BL					
27.45	61.86	34.41	MST	FG	Thin bedded mudstone/siltstone with pyrite blebs and bands. Minor quartz stringers. Trace clay-rich sections.							
						MD	GY	BD	---	--	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BL					
61.86	67.41	5.55	MST	FG	Rubbly, clay-rich interval with minor mudstone/siltstone breccia. Trace quartz stringers and disseminated pyrite. Fault?							
						MD	GY	RB	---	--	Py	0.1
						MD	BL	BD				
67.41	78.45	11.04	MST	FG	Siltstone/mudstone with mm-wide black bands alternating with grey material. Pyrite blebs and bands. Trace white to pink quartz/k-feldspar stringers to veinlets up to 4 cm. Minor soft sediment deformation and planar stringers offsetting beds by a few mms.							
						MD	BL	SD				
						MD	GY	BD	---	--	Py	0.1
78.45	82.42	3.97	MST	FG	Disjointed fragments of bedded mudstone/siltstone with minor sandier fragments and trace conglomerate. Looks early in diagenesis (soft sediment deformation?); not brecciated. Fragments up to 5 cm wide. Blebby and disseminated pyrite. Minor quartz stringers to veinlets.							
						MD	BL	SD				
						MD	GY	BD	---	--	Py	0.1
82.42	87.22	4.80	SLT	FG	Increasing siltstone/sandstone interbed content. Prevalent soft sediment deformation. Blebby to disseminated pyrite.							
						MD	BL	SD				
						MD	GY	BD	---	--	Py	0.1
87.22	92.97	5.75	CGL	CG	Quartz granule to pebble conglomerate (50%) and mudstone/siltstone (50%). Minor clay-rich seams and quartz veinlets/stringers. Blebby pyrite.							
						MD	BL	MA				
						MD	GY	BD	---	--	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
92.97	97.60	4.63	SLT	FG	Light sandstone (50%) interbedded with darker grey mudstone/siltstone (50%). Beds average 0.5-1 cm in thickness. Prevalent soft sediment deformation and mm- to cm-scale planar offsets. Random pyrite blebs.							
						MD	GY	SD				
						LT	GY	BD	---	--	Py	1
97.60	102.02	4.42	CGL	CG	Interbedded thin bedded siltstone (30%) and quartz granule-pebble conglomerate (70%). Minor sandstone interbeds.							
						DK	GY	BD	---	--	--	0
								MA				
102.02	122.30	20.28	SLT	MG	Thin bedded siltstone and sandstone on mm- to cm-scales. Planar offsets of up to 1 cm by black stringers and prevalent soft sediment deformation. Trace disseminated/blebby pyrite and quartz stringers.							
						MD	GY	BD	---	--	Py	0.01
						DK	GY	SD				
122.30	129.41	7.11	SLT	FG	Sheared, clay-rich, sometimes brecciated siltstone. Soft sediment deformation, folds and offsets present. Suspected fault zone? Trace pyrite blebs.							
						MD	GY	BD	---	--	Py	0.01
						DK	GY	SH				
								BX				
129.41	144.85	15.44	SLT	MG	Thin bedded siltstone/sandstone on mm- to cm-scales. Banded/blebby pyrite. Minor vugs, some planar offsets and soft sediment deformation.							
						MD	GY	BD	---	--	Py	0.1
						DK	GY	SD				
								VU				
144.85	149.85	5.00	SLT	FG	Interbedded quartz granule to pebble conglomerate (30%) and siltstone with minor sandstone (70%). Blebby pyrite. Quartz veins up to 5 cm wide; infrequent.							
						DK	GY	BD	---	--	Py	0.1
								MA				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
149.85	163.54	13.69	SLT	FG	Siltstone with interbedded sandstone beds up to 2 cm wide every few cms. Increased clay content in seams and fractures. Banded and blebby pyrite. Minor quartz stringers.							
						DK	GY	BD	---	--	Py	1
								MA				
163.54	181.91	18.37	SLT	FG	Siltstone (60%) and quartz granule to pebble conglomerate (40%) with more rubble present. Minor sandstone interbeds up to 2-3 cm. Quartz flooding causing trace siltstone breccia. Trace quartz veining. Trace pyrite blebs and moderate soft sediment deformation.							
						DK	GY	BD	---	--	Py	0.01
								SD				
								BX				
181.91	185.01	3.10	SLT	FG	Possible fault zone. Sheared, clay-rich conglomerate and siltstone. Trace silicified siltstone. Trace disseminated pyrite and folding.							
						DK	GY	SH	SIL	1I	Py	0.1
185.01	203.94	18.93	SLT	FG	Siltstone with minor sandstone (60%) and conglomerate (40%). Drilling down bedding/low bedding angle TCA. Folding after fault? Other deformation? Disseminated and blebby pyrite. Both quartz granule to pebble conglomerate and quartz grit present.							
						DK	GY	BD	---	--	Py	0.1
203.94	205.13	1.19	SLT	FG	Sheared, mottled, quartz-rich interval with irregular, blebby pyrite and clay-rich siltstone. Boudinaged quartz vein over part of the interval.							
						MD	GY	SH	---	--	Py	0.1
205.13	242.86	37.73	CGL	CG	Interbedded "starry night" conglomerate (60%) and dark grey siltstone (40%) with prevalent pyrite bands and blebs up to 5 cm wide. Minor sandy interbeds. Trace quartz stringers. Moderate soft sediment deformation.							
						DK	GY	BD	---	--	Py	1
								SD				
								MA				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
242.86	248.05	5.19	SLT	FG	Sheared, gougy/clay-rich interval. Possible fault? Soft, clay-rich conglomerate and some silicified siltstone/sandstone. Planar offsets, folding with some areas approaching breccia. Minor quartz stringers.							
						MD	GY	SH	SIL	1I	Py	1
						DK	GY					
248.05	252.97	4.92	SLT	FG	Thin bedded pyritic siltstone with mm- to cm-scale, consistent planar offsets and soft sediment deformation. Trace blebby realgar on fracture.							
						DK	GY	BD	---	--	Py	3
								SD			Re	0.01
252.97	260.68	7.71	CGL	CG	Silicified quartz grit and minor siltstone. Moderate quartz stringers/veinlets. Minor clay-rich, soft conglomerate.							
						MD	GY	MA	SIL	3I	Py	1
						DK	GY					
260.68	270.81	10.13	SLT	FG	Thin bedded siltstone with graphitic seams and fractures. Minor sooty/clay-rich patches. Trace quartz stringers and trace blebby realgar in fractures.							
						DK	GY	BD	---	--	Py	0.1
											Re	0.01
270.81	272.58	1.77	SST	MG	Silicified sandstone and minor siltstone with trace blebby realgar. Dark clay-rich seams irregularily cut sandstone.							
						MD	GY	BD	SIL	3I	Re	0.01
272.58	288.09	15.51	SLT	FG	Thin bedded siltstone with pyrite bands/blebs and minor realgar blebs. Trace quartz stringers. Minor "starry night" conglomerate. Some black clay-rich seams up to 3 cm.							
						DK	GY	BD	---	--	Py	0.1
								SD			Re	0.01
288.09	310.84	22.75	CGL	CG	"Starry night" conglomerate (80%), thin bedded pyritic siltstone (15%) and silicified siltstone (5%) up to 20 cm wide. Prevalent soft sediment deformation evident through pyrite bands and siltstone swirls (folding as well?). Trace quartz stringers. Minor planar offsets up to few mms. Frequent graphitic seams.							
						DK	GY	MA	SIL	2I	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Gr	1
310.84	317.12	6.28	SLT	FG	Thin bedded pyritic siltstone with minor sandstone interbeds. Soft sediment deformation evident. Trace vugs near clay-rich black seams. Minor quartz stringers/veinlets. Graphite on fractures.							
						DK	GY	BD	---	--	Py	1
								VU				
								SD			Gr	1
317.12	339.00	21.88	CGL	CG	Predominantly "starry night" conglomerate (85%?) with interbedded siltstone. Disseminated pyrite throughout. Graphite on fractures. Minor black, sooty patches. Vuggy quartz stringers and veinlets (approx. 2 per metre?).							
						DK	GY	MA	---	--	Py	2
								VU			Gr	1
								BD				
339.00	344.43	5.43	SLT	FG	Thin bedded, soft sediment deformed siltstone (90%) with "starry night" conglomerate (approx. 10%). Minor quartz stringers.							
						DK	GY	BD	---	--	Py	0.1
								SD				
344.43	345.66	1.23	INT	CG	Interval containing three instances of intermediate intrusive dyke up to 30 cm wide, making up approximately 70% of interval; with the remainer of the interval made up of thin bedded siltstone. Intrusive dykes show both sericitic and argillic alteration; most, if not all feldspars have been completely replaced by clays. Trace intact fluorite crystals up to 2 mm wide.							
						LT	GY	PO	SER	3I	--	0
						DK	GY	BD	ARG	3I		
345.66	378.29	32.63	SLT	FG	Increasingly altered thin bedded siltstone and minor sandstone with pyrite blebs and bands, black sooty seams and patches, graphitic fractures, prevalent soft sediment deformation and planar offsets. Trace argillic alteration observed in conglomerate where feldspars have turned to clays. Quartz grit and "starry night" conglomerate make up approx. 15% interval. Some silicification observed in siltstone. Trace vugs. Some rubble and weak quartz veining. Trace realgar blebs.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY	BD	ARG	2I	Gr	1
								VU			Re	0.01
								SD	SIL	2I	Py	1
								RB				
378.29	395.29	17.00	SLT	FG	Thin bedded siltstone with trace quartz stringers, pyrite bands/blebs and planar offsets up to 0.5-1 cm. One quartz vein 5 cm wide with brecciated siltstone.							
						DK	GY	BD	---	--	Py	0.1
								SD			Gr	1
								BX				
395.29	404.64	9.35	CGL	CG	"Starry night" conglomerate (60%) with clasts up to 20 mm and interbedded siltstone (40%). Minor quartz stringers throughout. Clay-rich seams and soft sediment deformation/irregular bedding present.							
						DK	GY	BD	---	--	Py	0.1
								SD			Gr	1
404.64	431.27	26.63	SLT	FG	Broken, rubbly siltstone and minor sandstone with graphitic seams/fractures, soft sediment deformation, minor quartz veins; sometimes vuggy. Few black, clay-rich, sooty patches up to 10 cm wide. Trace silicified sandstone beds. Pyrite banding/blebs. Trace realgar and orpiment blebs in fractures.							
						DK	GY	BD	SIL	2I	Py	1
								SD			Gr	1
								RB			Re	0.01
											Om	0.01
431.27	436.19	4.92	SST	MG	Vuggy, silicified sandstone (60%) interbedded with siltstone (40%). Pyrite bands. Styolites in sandstone? Or thin, black siltstone beds (mm-scale)?							
						MD	GY	BD	SIL	3I	Py	0.01
						DK	GY	SD				
436.19	448.06	11.87	SLT	FG	Thin bedded, pyritic siltstone (80%) with interbedded "starry night" conglomerate (20%). Trace quartz stringers/veinlets. Minor black, sooty patches near fractures. Pyrite blebs.							
						DK	GY	BD	---	--	Py	0.1
								SD				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
448.06	480.38	32.32	SLT	FG	Thin bedded siltstone (80%) and sandstone (20%) with quartz stringers and veining up to 3 cm wide. Rubble comprises 10% of the interval. Graphitic fractures and clay-rich/sooty patches up to a few cms. Vugs within sandstone. Pyrite blebs.							
						DK	GY	BD	---	--	Py	0.1
								VU				
								SD				
								RB				
480.38	482.95	2.57	CGL	CG	"Starry night" conglomerate with minor interbedded pyritic siltstone.							
						MD	GY	MA	---	--	Py	0.01
						DK	GY	BD				
482.95	507.44	24.49	SLT	FG	Thin bedded siltstone (80%), sandstone (10%) and "starry night" conglomerate (10%). Irregular quartz veining, pyrite blebs, minor planar offsets up to a few mms and soft sediment deformation. Trace calcite stringers.							
						DK	GY	BD	---	--	Py	0.1
								SD				
507.44	510.74	3.30	SLT	FG	Thin bedded siltstone with soft sediment deformation and possible shear textures; some rubble up to 20 cm wide. Minor calcite veining. In contact with C-LST1.							
						DK	GY	BD	---	--	Py	0.1
								SH				
								SD				
								RB				
510.74	512.62	1.88	LST	FG	Thin bedded to massive limestone with minor rubble and prevalent graphitic fractures. Weak calcite veining.							
						MD	GY	BD	---	--	Gr	1
						DK	GY	MA				
								RB				
512.62	593.46	80.84	LST	FG	Thin bedded to massive limestone with weak calcite veining (one to two 0.5-1 cm wide veins per metre and approx. 10 stringers). Interbedded siltstone (<2% of interval) up to 30 cm wide. Irregular black seams (mms to 1 cm wide). Graphitic fractures. Trace mm-wide black styolites. Trace vugs within calcite veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BD	---	--	Gr	1
						DK	GY	MA				
								VU				
593.46	596.15	2.69	LST	FG	Moderately mineralized interval with blebby realgar within calcite veins, one 5 cm wide massive realgar patch and a one metre wide strongly altered section of limestone (pervasive realgar, black, sooty). Trace orpiment in fractures.							
						MD	RD	MA	ASO	3I	Om	0.01
						DK	GY	BD	DCA	2I	Re	3
596.15	618.40	22.25	LST	FG	Thin bedded to massive limestone with moderate calcite veining hosting trace realgar; minor shearing and breccia; and few black, sooty patches up to 30 cm.							
						MD	GY	BD	---	--	Re	0.1
						DK	GY	MA				
618.40	620.72	2.32	SLT	FG	Thin bedded siltstone, drilling down bedding (0-30 degrees TCA). Pyrite bands/blebs.							
						DK	GY	BD	---	--	Py	0.1
620.72	625.19	4.47	LST	FG	Thin bedded to massive limestone with weak to moderate calcite stringers/veinlets hosting blebby realgar. Minor black, sooty seams with and without realgar.							
						MD	GY	BD	---	--	Re	0.1
						DK	GY	MA				
625.19	636.81	11.62	LST	FG	Moderately mineralized interval with 10% containing variably altered limestone (weak to strongly decarbonatized with arsenic oxide up to 20 cm wide) hosting blebby to pervasive realgar. Calcite veins up to 5 cm hosting blebby to prevasive realgar. Black seams common.							
						MD	GY	MA	DCA	2I	Re	1
						DK	GY	BD	ASO	2I		
636.81	661.57	24.76	LST	FG	Unaltered to weakly altered limestone with moderate calcite veining (sometimes vuggy). Rare black seams. Trace blebby realgar; confined to calcite veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	MA	---	--	Re	0.01
						DK	GY	BD				
								VU				
661.57	674.67	13.10	LST	FG	Moderately to strongly mineralized interval with strongly altered black limestone hosting disseminated to blebby realgar sections up to 1 m. Blebby to massive realgar within calcite and throughout interval. Trace orpiment. Black, sooty seams and graphitic fractures.							
						MD	RD	MA	ASO	2I	Om	0.01
						DK	GY	BD	DCA	3I	Re	3
674.67	694.10	19.43	LST	FG	Weakly altered limestone with moderate calcite veining; sometimes vuggy. Rare black, sooty seams. Trace realgar blebs. Arsenic oxide stain on fractures.							
						MD	GY	BD	ASO	2I	Re	0.01
						DK	GY	MA				
								VU				
694.10	701.04	6.94	LST	FG	Weakly altered limestone with two black, sooty, strongly altered intervals (2 and 20 cm wide, respectively) hosting blebby realgar. Minor styolites.							
						MD	GY	BD	ASO	2I	Re	0.1
						DK	GY	MA				
701.04	710.32	9.28	LST	FG	Moderately mineralized interval with dark, altered limestone with prevalent black seams (clay-rich and sooty). Moderate calcite veining hosting blebby realgar. Prevalent sooty styolites. Minor realgar within limestone.							
						DK	GY	BD	ASO	2I	Re	0.1
								MA				
710.32	716.14	5.82	LST	FG	Strongly mineralized interval with strong calcite veining (approximately 30 per metre) and flooding. Pervasive realgar mineralization and orpiment on fractures. Very strongly altered limestone with prominent arsenic oxide staining present over 10% of the interval.							
						MD	OR	MA	ASO	3I	Om	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY	BD	DCA	2I	Re	5
716.14	731.90	15.76	LST	FG	Weakly altered limestone with frequent styolites (few per metre); and black, sooty seams up to 2 cm wide (2 per metre). One calcite vein 2 cm wide hosting massive realgar; trace realgar and orpiment elsewhere on fractures. Weak to moderate calcite veining, with minor very coarse grained calcite with crystals up to 1 cm.							
						DK	GY	BD	---	--	Re	0.1
								MA			Om	0.01
731.90	819.91	88.01	LST	FG	Unaltered to weakly altered limestone with weak calcite veining. Black styolites and black, sooty seams present at a rate of a few per metre each. No visible mineralization. Trace beef calcite.							
						DK	GY	BD	---	--	--	0
								MA				

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	0.60	0.60	0	0	0.00	0	--	--	--	No recovery
0.60	1.52	0.92	0.8	87	0.00	0	0R	2H	4W	Rubble zone, no joints
1.52	3.05	1.53	0.75	49	0.00	0	0R	2H	4W	Rubble zone, no joints
3.05	4.57	1.52	0.78	51	0.11	7	0R	1H	4W	Rubble zone, no joints
4.57	6.10	1.53	1.23	80	0.65	42	0R	3H	4W	Rubble zone, no joints
6.10	7.62	1.52	0.88	58	0.12	8	0R	2H	3W	Rubble zone, no joints
7.62	9.14	1.52	0.83	55	0.14	9	0R	2H	4W	Rubble zone, no joints
9.14	10.67	1.53	1.22	80	0.10	7	0R	2H	4W	Rubble zone, no joints
10.67	12.19	1.52	1.26	83	0.36	24	0R	3H	4W	Rubble zone, no joints
12.19	13.72	1.53	1.3	85	0.64	42	0R	3H	3W	Rubble zone, no joints
13.72	15.24	1.52	1.38	91	0.56	37	0R	3H	4W	
15.24	16.76	1.52	1.09	72	0.48	32	0R	3H	3W	
16.76	18.29	1.53	1.26	82	0.35	23	0R	3H	3W	
18.29	19.81	1.52	1.27	84	0.40	26	0R	3H	2W	
19.81	21.34	1.53	1.48	97	0.47	31	0R	3H	2W	
21.34	22.86	1.52	1.35	89	0.97	64	0R	3H	2W	
22.86	24.38	1.52	1.51	99	0.90	59	0R	3H	1W	
24.38	25.91	1.53	1.5	98	1.12	73	0R	3H	1W	
25.91	27.43	1.52	1.46	96	0.96	63	0R	3H	1W	
27.43	28.96	1.53	1.53	100	1.20	78	0R	3H	1W	
28.96	30.48	1.52	1.37	90	0.52	34	0R	3H	1W	
30.48	32.00	1.52	1.52	100	0.64	42	0R	3H	1W	
32.00	33.53	1.53	1.53	100	1.34	88	0R	3H	1W	
33.53	35.05	1.52	1.37	90	0.75	49	0R	3H	1W	
35.05	36.58	1.53	1.41	92	0.80	52	0R	3H	1W	
36.58	38.10	1.52	1.18	78	0.36	24	0R	3H	1W	
38.10	39.62	1.52	1.52	100	1.10	72	0R	3H	1W	
39.62	41.15	1.53	1.51	99	0.77	50	0R	3H	1W	
41.15	42.67	1.52	1.52	100	1.33	88	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
42.67	44.20	1.53	1.46	95	0.80	52	0R	3H	1W	
44.20	45.72	1.52	1.52	100	1.37	90	0R	3H	1W	
45.72	47.24	1.52	1.46	96	0.99	65	0R	3H	1W	
47.24	48.77	1.53	1.39	91	0.75	49	0R	3H	1W	
48.77	50.29	1.52	1.52	100	1.44	95	0R	3H	1W	
50.29	51.82	1.53	1.44	94	1.31	86	0R	3H	1W	
51.82	53.34	1.52	1.52	100	1.42	93	0R	3H	1W	
53.34	54.86	1.52	1.52	100	1.44	95	0R	3H	1W	
54.86	56.39	1.53	1.52	99	1.43	93	0R	3H	1W	
56.39	57.91	1.52	1.52	100	1.52	100	0R	3H	1W	
57.91	59.44	1.53	1.53	100	1.53	100	0R	3H	1W	
59.44	60.96	1.52	1.51	99	1.38	91	0R	3H	1W	
60.96	62.48	1.52	1.52	100	1.36	89	0R	3H	1W	
62.48	64.01	1.53	1.42	93	0.66	43	0R	3H	1W	Rubble
64.01	65.53	1.52	1.44	95	0.16	11	0R	3H	1W	Rubble
65.53	67.06	1.53	1.53	100	1.34	88	0R	3H	1W	
67.06	68.58	1.52	1.52	100	1.05	69	0R	3H	1W	
68.58	70.10	1.52	1.52	100	1.30	86	0R	3H	1W	
70.10	71.63	1.53	1.51	99	1.46	95	0R	3H	1W	
71.63	73.15	1.52	1.33	88	1.19	78	0R	3H	1W	
73.15	74.68	1.53	1.53	100	1.43	93	0R	3H	1W	
74.68	76.20	1.52	1.39	91	1.39	91	0R	3H	1W	
76.20	77.72	1.52	1.52	100	1.35	89	0R	3H	1W	
77.72	79.25	1.53	1.53	100	1.48	97	0R	3H	1W	
79.25	80.77	1.52	1.52	100	1.52	100	0R	3H	1W	
80.77	82.30	1.53	1.53	100	1.45	95	0R	3H	1W	
82.30	83.82	1.52	1.45	95	1.18	78	0R	3H	1W	
83.82	85.34	1.52	1.48	97	1.16	76	0R	3H	1W	
85.34	86.87	1.53	1.53	100	1.28	84	0R	3H	1W	
86.87	88.39	1.52	1.52	100	1.43	94	0R	3H	1W	
88.39	89.92	1.53	1.41	92	1.33	87	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.92	91.44	1.52	1.47	97	1.31	86	0R	3H	1W	
91.44	92.96	1.52	1.52	100	1.15	76	0R	3H	1W	
92.96	94.49	1.53	1.48	97	1.44	94	0R	3H	1W	
94.49	96.01	1.52	1.52	100	1.49	98	0R	3H	1W	
96.01	97.54	1.53	1.49	97	1.33	87	0R	3H	1W	
97.54	99.06	1.52	1.45	95	1.41	93	0R	3H	1W	
99.06	100.58	1.52	1.38	91	1.36	89	0R	3H	1W	
100.58	102.11	1.53	1.42	93	1.42	93	0R	3H	1W	
102.11	103.63	1.52	1.52	100	1.32	87	0R	3H	1W	
103.63	105.16	1.53	1.42	93	1.13	74	0R	3H	1W	
105.16	106.68	1.52	1.52	100	1.43	94	0R	3H	1W	
106.68	108.20	1.52	1.41	93	1.41	93	0R	3H	1W	
108.20	109.73	1.53	1.53	100	1.53	100	0R	3H	1W	No joints
109.73	111.25	1.52	1.47	97	1.47	97	0R	3H	1W	
111.25	112.78	1.53	1.53	100	1.44	94	0R	3H	1W	
112.78	114.30	1.52	1.4	92	1.38	91	0R	3H	1W	
114.30	115.82	1.52	1.52	100	1.52	100	0R	3H	1W	
115.82	117.35	1.53	1.46	95	1.33	87	0R	3H	1W	
117.35	118.87	1.52	1.48	97	1.48	97	0R	3H	1W	
118.87	120.40	1.53	1.53	100	1.34	88	0R	3H	1W	
120.40	121.92	1.52	1.52	100	1.36	89	0R	3H	1W	
121.92	123.44	1.52	1.52	100	1.07	70	0R	2H	1W	
123.44	124.97	1.53	1.53	100	0.81	53	0R	2H	1W	
124.97	126.49	1.52	1.4	92	1.19	78	0R	2H	1W	
126.49	128.02	1.53	1.49	97	0.97	63	0R	3H	1W	
128.02	129.54	1.52	1.52	100	1.03	68	0R	3H	1W	
129.54	131.06	1.52	1.52	100	1.22	80	0R	3H	1W	
131.06	132.59	1.53	1.45	95	1.31	86	0R	3H	1W	
132.59	134.11	1.52	1.52	100	1.04	68	0R	3H	1W	
134.11	135.64	1.53	1.53	100	1.50	98	0R	3H	1W	
135.64	137.16	1.52	1.52	100	1.30	86	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
137.16	138.68	1.52	1.49	98	1.48	97	0R	3H	1W	
138.68	140.21	1.53	1.47	96	1.32	86	0R	3H	1W	
140.21	141.73	1.52	1.52	100	1.11	73	0R	3H	1W	
141.73	143.26	1.53	1.52	99	0.69	45	0R	3H	1W	Rubble
143.26	144.78	1.52	1.52	100	0.76	50	0R	4H	1W	
144.78	146.30	1.52	1.52	100	1.52	100	0R	4H	1W	
146.30	147.83	1.53	1.45	95	1.15	75	0R	3H	1W	
147.83	149.35	1.52	1.52	100	1.45	95	0R	3H	1W	
149.35	150.88	1.53	1.44	94	1.37	90	0R	3H	1W	
150.88	152.40	1.52	1.49	98	1.28	84	0R	3H	1W	
152.40	153.92	1.52	1.52	100	1.04	68	0R	3H	1W	
153.92	155.45	1.53	1.53	100	0.86	56	0R	3H	1W	
155.45	156.97	1.52	1.4	92	1.21	80	0R	3H	1W	No joints
156.97	158.50	1.53	1.53	100	1.05	69	0R	3H	1W	
158.50	160.02	1.52	1.52	100	1.39	91	0R	3H	1W	
160.02	161.54	1.52	1.48	97	1.20	79	0R	3H	1W	
161.54	163.07	1.53	1.28	84	1.11	73	0R	3H	1W	
163.07	164.59	1.52	1.44	95	1.09	72	0R	3H	1W	
164.59	166.12	1.53	1.49	97	0.57	37	0R	3H	1W	
166.12	167.64	1.52	1.4	92	1.14	75	0R	3H	1W	
167.64	169.16	1.52	1.43	94	1.27	84	0R	3H	1W	
169.16	170.69	1.53	1.53	100	1.01	66	0R	3H	1W	
170.69	172.21	1.52	1.37	90	1.15	76	0R	3H	1W	
172.21	173.74	1.53	1.53	100	1.23	80	0R	3H	1W	
173.74	175.26	1.52	1.43	94	1.25	82	0R	3H	1W	
175.26	176.78	1.52	1.52	100	0.80	53	0R	3H	1W	
176.78	178.31	1.53	1.46	95	1.07	70	0R	3H	1W	
178.31	179.83	1.52	1.52	100	0.38	25	0R	2H	1W	
179.83	181.36	1.53	1.51	99	1.44	94	0R	3H	1W	
181.36	182.88	1.52	1.51	99	1.04	68	0R	2H	1W	
182.88	184.40	1.52	1.44	95	0.94	62	0R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
184.40	185.93	1.53	1.49	97	0.68	44	0R	2H	1W	
185.93	187.45	1.52	1.51	99	1.44	95	0R	2H	1W	
187.45	188.98	1.53	1.51	99	1.37	90	0R	3H	1W	
188.98	190.50	1.52	1.43	94	1.42	93	0R	3H	1W	
190.50	192.02	1.52	1.52	100	1.41	93	0R	3H	1W	
192.02	193.55	1.53	1.53	100	1.44	94	0R	3H	1W	
193.55	195.07	1.52	1.52	100	1.03	68	0R	3H	1W	
195.07	196.60	1.53	1.49	97	1.35	88	0R	3H	1W	
196.60	198.12	1.52	1.33	88	1.30	86	0R	3H	1W	
198.12	199.64	1.52	1.49	98	1.49	98	0R	3H	1W	
199.64	201.17	1.53	1.53	100	1.53	100	0R	4H	1W	
201.17	202.69	1.52	1.4	92	1.04	68	0R	4H	1W	
202.69	204.22	1.53	1.53	100	1.53	100	0R	3H	1W	
204.22	205.74	1.52	1.52	100	1.21	80	0R	3H	1W	
205.74	207.26	1.52	1.52	100	1.30	86	0R	3H	1W	
207.26	208.79	1.53	1.53	100	1.32	86	0R	3H	1W	
208.79	210.31	1.52	1.52	100	1.49	98	0R	3H	1W	
210.31	211.84	1.53	1.41	92	1.12	73	0R	3H	1W	
211.84	213.36	1.52	1.52	100	1.52	100	0R	3H	1W	
213.36	214.88	1.52	1.52	100	1.52	100	0R	3H	1W	
214.88	216.41	1.53	1.45	95	1.40	92	0R	3H	1W	
216.41	217.93	1.52	1.52	100	0.00	0	0R	3H	1W	
217.93	219.46	1.53	1.53	100	1.53	100	0R	3H	1W	
219.46	220.98	1.52	1.49	98	1.38	91	0R	3H	1W	
220.98	222.50	1.52	1.52	100	1.37	90	0R	3H	1W	
222.50	224.03	1.53	1.44	94	1.32	86	0R	3H	1W	
224.03	225.55	1.52	1.51	99	1.48	97	0R	3H	1W	
225.55	227.08	1.53	1.53	100	1.50	98	0R	3H	1W	
227.08	228.60	1.52	1.44	95	1.44	95	0R	3H	1W	
228.60	230.12	1.52	1.34	88	1.32	87	0R	3H	1W	
230.12	231.65	1.53	1.53	100	1.51	99	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
231.65	233.17	1.52	1.46	96	1.38	91	0R	3H	1W	
233.17	234.70	1.53	1.45	95	1.36	89	0R	3H	1W	
234.70	237.74	3.04	2.82	93	2.49	82	0R	3H	1W	
237.74	240.79	3.05	3.05	100	2.37	78	0R	3H	1W	
240.79	243.84	3.05	2.99	98	2.74	90	0R	3H	1W	
243.84	246.89	3.05	3.05	100	2.37	78	0R	3H	1W	
246.89	249.94	3.05	3	98	1.85	61	0R	3H	1W	
249.94	252.98	3.04	3	99	2.48	82	0R	3H	1W	
252.98	256.03	3.05	3.05	100	2.58	85	0R	4H	1W	
256.03	259.08	3.05	2.93	96	2.02	66	0R	3H	1W	
259.08	262.13	3.05	2.86	94	1.88	62	0R	3H	1W	
262.13	265.18	3.05	2.94	96	2.42	79	0R	3H	1W	
265.18	268.22	3.04	3.01	99	2.05	67	0R	3H	1W	
268.22	271.27	3.05	3	98	2.56	84	0R	4H	1W	
271.27	274.32	3.05	2.84	93	2.15	70	0R	3H	1W	
274.32	277.37	3.05	3.05	100	1.55	51	0R	4H	1W	
277.37	280.42	3.05	2.88	94	1.51	50	0R	3H	1W	
280.42	283.46	3.04	2.95	97	2.01	66	0R	3H	1W	
283.46	286.51	3.05	2.56	84	1.48	49	0R	3H	1W	
286.51	289.56	3.05	2.76	90	2.33	76	0R	3H	1W	
289.56	292.61	3.05	3.05	100	2.66	87	0R	3H	1W	
292.61	295.66	3.05	2.98	98	2.70	89	0R	3H	1W	
295.66	298.70	3.04	2.96	97	2.52	83	0R	3H	1W	
298.70	301.75	3.05	3.03	99	2.40	79	0R	3H	1W	
301.75	304.80	3.05	3.05	100	2.19	72	0R	3H	1W	
304.80	307.85	3.05	3.05	100	1.74	57	0R	3H	1W	
307.85	310.90	3.05	3.05	100	2.87	94	0R	4H	1W	
310.90	313.94	3.04	2.95	97	1.11	37	0R	3H	1W	
313.94	316.99	3.05	3.05	100	2.44	80	0R	3H	1W	
316.99	320.04	3.05	3.05	100	2.60	85	0R	3H	1W	
320.04	323.09	3.05	3.02	99	1.45	48	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
323.09	326.14	3.05	2.95	97	2.84	93	0R	3H	1W	
326.14	329.18	3.04	3.04	100	2.53	83	0R	3H	1W	
329.18	332.23	3.05	2.85	93	2.08	68	0R	3H	1W	
332.23	335.28	3.05	3.05	100	2.62	86	0R	3H	1W	
335.28	338.33	3.05	2.97	97	2.85	93	0R	3H	1W	
338.33	341.38	3.05	3	98	2.46	81	0R	3H	1W	
341.38	344.42	3.04	2.89	95	2.35	77	0R	3H	1W	
344.42	347.47	3.05	2.96	97	2.30	75	0R	3H	1W	
347.47	350.65	3.18	2.95	93	2.74	86	0R	3H	1W	
350.65	353.57	2.92	2.86	98	1.10	38	0R	4H	1W	
353.57	356.62	3.05	2.95	97	2.33	76	0R	3H	1W	
356.62	359.66	3.04	2.71	89	1.57	52	0R	2H	1W	
359.66	362.71	3.05	3.01	99	2.53	83	0R	4H	1W	
362.71	365.76	3.05	3.02	99	2.80	92	0R	3H	1W	
365.76	368.81	3.05	3.05	100	2.44	80	0R	3H	1W	
368.81	371.86	3.05	2.86	94	2.03	67	0R	3H	1W	
371.86	374.90	3.04	3.04	100	2.33	77	0R	3H	1W	
374.90	377.95	3.05	2.87	94	2.05	67	0R	3H	1W	
377.95	381.00	3.05	2.99	98	2.21	72	0R	3H	1W	
381.00	384.05	3.05	3.05	100	3.02	99	0R	3H	1W	
384.05	387.10	3.05	3.05	100	2.61	86	0R	3H	1W	
387.10	390.14	3.04	3.04	100	2.73	90	0R	3H	1W	
390.14	393.19	3.05	3	98	2.96	97	0R	3H	1W	
393.19	396.24	3.05	3.01	99	2.77	91	0R	3H	1W	
396.24	399.29	3.05	3	98	2.93	96	0R	3H	1W	
399.29	402.34	3.05	3.02	99	2.66	87	0R	3H	1W	
402.34	405.38	3.04	3.01	99	2.33	77	0R	3H	1W	
405.38	408.43	3.05	2.4	79	1.07	35	0R	3H	1W	
408.43	411.48	3.05	2.89	95	1.73	57	0R	2H	1W	
411.48	414.53	3.05	3	98	2.28	75	0R	2H	1W	
414.53	417.58	3.05	2.9	95	2.50	82	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
417.58	420.62	3.04	3.04	100	1.94	64	0R	3H	1W	
420.62	423.67	3.05	2.93	96	2.58	85	0R	3H	1W	
423.67	426.72	3.05	2.82	92	1.90	62	0R	3H	1W	
426.72	429.77	3.05	2.94	96	1.59	52	0R	3H	1W	
429.77	432.82	3.05	3	98	2.64	87	0R	4H	1W	
432.82	435.86	3.04	3	99	2.71	89	0R	3H	1W	
435.86	438.91	3.05	3.01	99	2.29	75	0R	3H	1W	
438.91	441.96	3.05	3.01	99	2.47	81	0R	3H	1W	
441.96	445.01	3.05	3.01	99	2.47	81	0R	3H	1W	
445.01	448.06	3.05	2.97	97	2.79	91	0R	3H	1W	
448.06	451.10	3.04	2.98	98	2.25	74	0R	3H	1W	
451.10	454.15	3.05	2.92	96	2.57	84	0R	3H	1W	
454.15	457.20	3.05	2.62	86	2.04	67	0R	3H	1W	
457.20	460.25	3.05	2.89	95	1.41	46	0R	3H	1W	
460.25	463.30	3.05	2.8	92	1.77	58	0R	3H	1W	
463.30	466.34	3.04	3.04	100	2.82	93	0R	3H	1W	
466.34	469.39	3.05	3.05	100	2.75	90	0R	3H	1W	
469.39	472.44	3.05	3.05	100	1.91	63	0R	3H	1W	
472.44	475.18	2.74	2.41	88	1.66	61	0R	3H	1W	
475.18	477.32	2.14	2.14	100	1.22	57	0R	3H	1W	
477.32	480.36	3.04	3	99	2.00	66	0R	3H	1W	
480.36	483.41	3.05	2.95	97	2.57	84	0R	3H	1W	
483.41	486.46	3.05	2.95	97	1.62	53	0R	3H	1W	
486.46	487.68	1.22	1.22	100	0.99	81	0R	3H	1W	
487.68	490.73	3.05	2.96	97	1.72	56	0R	3H	1W	
490.73	493.78	3.05	2.81	92	2.00	66	0R	3H	1W	
493.78	496.82	3.04	3.04	100	1.77	58	0R	3H	1W	
496.82	499.87	3.05	2.97	97	2.51	82	0R	3H	1W	
499.87	502.92	3.05	3.05	100	2.55	84	1R	3H	1W	
502.92	505.97	3.05	3.05	100	2.78	91	0R	3H	1W	
505.97	509.02	3.05	2.8	92	1.54	50	1R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
509.02	512.06	3.04	3.04	100	2.17	71	2R	3H	1W	
512.06	515.11	3.05	3.05	100	2.67	88	3R	3H	1W	
515.11	518.16	3.05	2.93	96	2.66	87	4R	3H	1W	
518.16	521.21	3.05	3.05	100	2.62	86	4R	3H	1W	
521.21	524.26	3.05	3.01	99	2.44	80	4R	3H	1W	
524.26	527.30	3.04	2.8	92	2.43	80	4R	3H	1W	
527.30	530.35	3.05	3.05	100	3.05	100	4R	3H	1W	
530.35	533.40	3.05	2.9	95	2.80	92	4R	3H	1W	
533.40	536.45	3.05	3.05	100	2.95	97	4R	3H	1W	
536.45	539.50	3.05	2.98	98	1.94	64	4R	3H	1W	
539.50	542.54	3.04	3.04	100	3.04	100	4R	3H	1W	
542.54	545.59	3.05	2.84	93	2.55	84	4R	3H	1W	
545.59	548.64	3.05	3.05	100	2.36	77	4R	3H	1W	
548.64	551.69	3.05	3.05	100	2.96	97	4R	3H	1W	
551.69	554.74	3.05	3.02	99	2.60	85	4R	3H	1W	
554.74	557.78	3.04	3.04	100	2.86	94	4R	3H	1W	
557.78	560.83	3.05	3.03	99	2.46	81	4R	3H	1W	
560.83	563.88	3.05	2.9	95	1.99	65	4R	3H	1W	
563.88	566.93	3.05	3.05	100	2.67	88	4R	3H	1W	
566.93	569.98	3.05	2.95	97	2.29	75	4R	3H	1W	
569.98	573.02	3.04	3.04	100	2.43	80	4R	3H	1W	
573.02	576.07	3.05	3.05	100	3.00	98	4R	3H	1W	
576.07	579.12	3.05	3.05	100	3.05	100	4R	3H	1W	
579.12	582.17	3.05	3.05	100	3.00	98	4R	3H	1W	
582.17	585.22	3.05	2.96	97	2.55	84	4R	3H	1W	
585.22	588.26	3.04	3.04	100	2.77	91	4R	3H	1W	
588.26	591.31	3.05	3.01	99	2.73	90	4R	3H	1W	
591.31	594.36	3.05	3.05	100	2.83	93	4R	3H	1W	
594.36	597.41	3.05	2.99	98	2.70	89	3R	3H	1W	
597.41	600.46	3.05	3.05	100	2.92	96	4R	3H	1W	
600.46	603.50	3.04	3.04	100	2.62	86	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
603.50	606.55	3.05	3.02	99	2.60	85	4R	3H	1W	
606.55	609.60	3.05	2.98	98	2.28	75	4R	3H	1W	
609.60	612.65	3.05	3.02	99	2.04	67	4R	3H	1W	
612.65	615.70	3.05	3.05	100	2.58	85	4R	3H	1W	
615.70	618.74	3.04	2.95	97	2.49	82	4R	3H	1W	
618.74	621.79	3.05	2.93	96	1.80	59	3R	3H	1W	
621.79	624.84	3.05	3.02	99	2.85	93	4R	3H	1W	
624.84	627.89	3.05	3	98	2.50	82	4R	3H	1W	
627.89	630.94	3.05	2.99	98	2.42	79	4R	3H	1W	
630.94	633.98	3.04	2.98	98	2.34	77	4R	3H	1W	
633.98	637.03	3.05	3.05	100	2.84	93	4R	4H	1W	
637.03	640.08	3.05	2.95	97	2.60	85	4R	4H	1W	
640.08	643.13	3.05	3.05	100	2.86	94	4R	4H	1W	
643.13	646.18	3.05	3.01	99	2.92	96	4R	4H	1W	
646.18	649.22	3.04	3.04	100	2.88	95	4R	4H	1W	
649.22	652.27	3.05	2.98	98	2.65	87	4R	4H	1W	
652.27	655.32	3.05	3.05	100	2.98	98	4R	4H	1W	
655.32	658.37	3.05	3.05	100	3.05	100	4R	4H	1W	
658.37	661.42	3.05	3.05	100	2.98	98	4R	4H	1W	
661.42	664.46	3.04	3	99	2.60	86	2R	4H	1W	
664.46	667.51	3.05	3.01	99	2.55	84	3R	4H	1W	
667.51	670.56	3.05	3.05	100	2.90	95	3R	4H	1W	
670.56	673.61	3.05	2.96	97	2.81	92	4R	4H	1W	
673.61	676.66	3.05	2.97	97	2.65	87	4R	4H	1W	
676.66	679.70	3.04	3.04	100	2.92	96	4R	4H	1W	
679.70	682.75	3.05	3.05	100	2.89	95	4R	4H	1W	
682.75	685.80	3.05	3.03	99	2.77	91	4R	4H	1W	
685.80	688.85	3.05	3.05	100	2.93	96	4R	4H	1W	
688.85	691.90	3.05	3.02	99	2.88	94	4R	4H	1W	
691.90	694.94	3.04	2.98	98	2.52	83	4R	4H	1W	
694.94	697.99	3.05	3.05	100	2.70	89	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
697.99	701.04	3.05	2.99	98	2.76	90	4R	4H	1W	
701.04	704.09	3.05	3.02	99	2.84	93	4R	3H	1W	
704.09	707.14	3.05	3.03	99	2.92	96	4R	3H	1W	
707.14	710.18	3.04	3.04	100	2.70	89	4R	3H	1W	
710.18	713.23	3.05	3.05	100	2.19	72	4R	3H	1W	
713.23	716.28	3.05	3	98	2.39	78	3R	4H	1W	
716.28	719.33	3.05	3.05	100	2.30	75	4R	4H	1W	
719.33	722.38	3.05	3	98	2.48	81	4R	3H	1W	
722.38	725.42	3.04	3.02	99	2.65	87	4R	3H	1W	
725.42	728.47	3.05	3.05	100	2.78	91	4R	3H	1W	
728.47	731.52	3.05	3.05	100	1.90	62	4R	3H	1W	
731.52	734.57	3.05	2.87	94	1.90	62	4R	3H	1W	
734.57	737.62	3.05	3.05	100	1.57	51	4R	3H	1W	
737.62	740.66	3.04	3.04	100	3.04	100	4R	3H	1W	
740.66	743.71	3.05	2.9	95	2.52	83	4R	3H	1W	
743.71	746.76	3.05	2.92	96	2.66	87	4R	3H	1W	
746.76	748.28	1.52	1.52	100	1.52	100	4R	3H	1W	
748.28	749.81	1.53	1.2	78	0.45	29	4R	3H	1W	
749.81	752.86	3.05	2.98	98	1.75	57	4R	3H	1W	
752.86	755.90	3.04	2.8	92	1.95	64	4R	3H	1W	
755.90	758.95	3.05	3.05	100	2.68	88	4R	3H	1W	
758.95	762.00	3.05	3.03	99	2.79	91	4R	4H	1W	
762.00	765.05	3.05	3.04	100	2.64	87	4R	4H	1W	
765.05	768.10	3.05	3.04	100	2.48	81	4R	3H	1W	
768.10	771.14	3.04	3.01	99	2.57	85	4R	3H	1W	
771.14	774.19	3.05	2.97	97	2.45	80	4R	3H	1W	
774.19	777.24	3.05	2.97	97	2.38	78	4R	3H	1W	
777.24	780.29	3.05	3.05	100	2.64	87	4R	4H	1W	
780.29	783.34	3.05	3.05	100	2.44	80	4R	3H	1W	
783.34	786.38	3.04	3.04	100	2.68	88	4R	3H	1W	
786.38	789.43	3.05	3.05	100	2.57	84	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
789.43	792.48	3.05	3.01	99	2.17	71	4R	3H	1W	
792.48	795.53	3.05	3.05	100	2.39	78	4R	3H	1W	
795.53	796.75	1.22	1.14	93	1.14	93	4R	3H	1W	
796.75	798.58	1.83	1.83	100	1.51	83	4R	3H	1W	
798.58	801.62	3.04	3.04	100	2.81	92	4R	3H	1W	
801.62	804.67	3.05	3.05	100	2.82	92	4R	3H	1W	
804.67	807.72	3.05	3.05	100	3.00	98	4R	3H	1W	
807.72	810.77	3.05	3.05	100	2.99	98	4R	3H	1W	
810.77	813.82	3.05	3	98	2.57	84	4R	3H	1W	
813.82	816.86	3.04	2.99	98	2.82	93	4R	3H	1W	
816.86	819.91	3.05	3.05	100	2.53	83	4R	3H	1W	

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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	R501204	14-038	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501258	14-040	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501256	14-040	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501250	14-039	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501236	14-039	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501088	14-035	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501220	14-039	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501198	14-038	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501190	14-038	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501186	14-038	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501106	14-035	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501225	14-039	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501097	14-035	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501181	14-037	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501116	14-036	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501126	14-036	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501135	14-036	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501145	14-036	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501150	14-037	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501160	14-037	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	R501170	14-037	Core		☑	☐	☐
0.60	6.10	5.50	-?-, SLT	3.56	65	Q052182	14-C06	Chip		☐	☐	☐
6.10	12.19	6.09	SLT	4.19	69	Q052183	14-C06	Chip		☐	☐	☐
12.19	18.29	6.10	SLT	5.03	82	Q052184	14-C06	Chip		☐	☐	☐
18.29	24.38	6.09	SLT	5.61	92	Q052185	14-C06	Chip		☐	☐	☐
24.38	30.48	6.10	SLT	5.66	93	Q052186	14-C06	Chip		☐	☐	☐
30.48	36.58	6.10	SLT	5.83	96	Q052187	14-C06	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
36.58	42.67	6.09	SLT	5.73	94	Q052188	14-C06	Chip		☐	☐	☐
42.67	48.77	6.10	SLT	5.63	92	Q052189	14-C06	Chip		☐	☐	☐
48.77	54.86	6.09	SLT	6.00	99	Q052190	14-C06	Chip		☐	☐	☐
54.86	60.96	6.10	SLT	6.08	100	Q052191	14-C06	Chip		☐	☐	☐
60.96	67.06	6.10	SLT	5.91	97	Q052192	14-C06	Chip		☐	☐	☐
67.06	73.15	6.09	SLT	5.88	97	Q052193	14-C06	Chip		☐	☐	☐
73.15	79.25	6.10	SLT	5.77	95	Q052194	14-C06	Chip		☐	☐	☐
79.25	85.34	6.09	SLT	5.98	98	Q052195	14-C06	Chip		☐	☐	☐
85.34	91.44	6.10	SLT	5.93	97	Q052196	14-C06	Chip		☐	☐	☐
91.44	97.54	6.10	SLT	6.01	99	Q052197	14-C06	Chip		☐	☐	☐
97.54	103.63	6.09	SLT	5.77	95	Q052198	14-C06	Chip		☐	☐	☐
103.63	109.73	6.10	SLT	5.88	96	Q052199	14-C06	Chip		☐	☐	☐
109.73	115.82	6.09	SLT	5.92	97	Q052200	14-C06	Chip		☐	☐	☐
115.82	121.92	6.10	SLT	5.99	98	Q052201	14-C06	Chip		☐	☐	☐
121.92	128.02	6.10	SLT	5.94	97	Q052202	14-C06	Chip		☐	☐	☐
128.02	134.11	6.09	SLT	6.01	99	Q052203	14-C06	Chip		☐	☐	☐
134.11	140.21	6.10	SLT	6.01	99	Q052204	14-C06	Chip		☐	☐	☐
140.21	146.30	6.09	SLT	6.08	100	Q052205	14-C06	Chip		☐	☐	☐
146.30	152.40	6.10	SLT	5.90	97	Q052206	14-C06	Chip		☐	☐	☐
152.40	158.50	6.10	SLT	5.98	98	Q052207	14-C06	Chip		☐	☐	☐
158.50	164.59	6.09	SLT	5.72	94	Q052208	14-C06	Chip		☐	☐	☐
164.59	170.69	6.10	SLT	5.85	96	Q052209	14-C06	Chip		☐	☐	☐
170.69	176.78	6.09	SLT	5.85	96	Q052210	14-C06	Chip		☐	☐	☐
176.78	182.88	6.10	SLT	6.00	98	Q052211	14-C06	Chip		☐	☐	☐
182.88	188.98	6.10	SLT	5.95	98	Q052212	14-C06	Chip		☐	☐	☐
188.98	195.07	6.09	SLT	6.00	99	Q052213	14-C06	Chip		☐	☐	☐
195.07	201.17	6.10	SLT	5.64	92	Q052214	14-C06	Chip		☐	☐	☐
201.17	208.79	7.62	SLT	7.50	98	Q052215	14-C06	Chip		☐	☐	☐
208.79	214.88	6.09	SLT	5.97	98	Q052216	14-C06	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
214.88	220.98	6.10	SLT	5.99	98	Q052217	14-C06	Chip		☐	☐	☐
220.98	227.08	6.10	SLT	6.00	98	Q052218	14-C06	Chip		☐	☐	☐
227.08	233.17	6.09	SLT	5.77	95	Q052219	14-C06	Chip		☐	☐	☐
233.17	234.70	1.53	SLT	1.45	95	Q052220	14-C06	Chip		☐	☐	☐
234.70	240.79	6.09	SLT	5.87	96	Q052221	14-C06	Chip		☐	☐	☐
240.79	243.84	3.05	SLT	2.99	98	R501083	14-035	Core		☐	☐	☐
243.84	246.89	3.05	SLT	3.05	100	R501084	14-035	Core		☐	☐	☐
246.89	249.94	3.05	SLT	3.00	98	R501085	14-035	Core		☐	☐	☐
249.94	252.98	3.04	SLT	3.00	99	R501086	14-035	Core		☐	☐	☐
252.98	256.03	3.05	SLT	3.05	100	R501087	14-035	Core		☐	☐	☐
256.03	259.08	3.05	SLT	2.93	96	R501089	14-035	Core		☐	☐	☐
259.08	262.13	3.05	SLT	2.86	94	R501090	14-035	Core		☐	☐	☐
262.13	265.18	3.05	SLT	2.95	97	R501091	14-035	Core		☐	☐	☐
265.18	268.22	3.04	SLT	3.01	99	R501092	14-035	Core		☐	☐	☐
265.18	268.22	3.04	SLT	3.01	99	R501093	14-035	Core		☐	☐	☑
268.22	271.27	3.05	SLT	3.00	98	R501094	14-035	Core		☐	☐	☐
271.27	274.32	3.05	SLT	2.84	93	R501095	14-035	Core		☐	☐	☐
274.32	277.37	3.05	SLT	3.05	100	R501096	14-035	Core		☐	☐	☐
277.37	280.42	3.05	SLT	2.88	94	R501098	14-035	Core		☐	☐	☐
280.42	283.46	3.04	SLT	2.95	97	R501099	14-035	Core		☐	☐	☐
283.46	286.51	3.05	SLT	2.36	77	R501100	14-035	Core		☐	☐	☐
286.51	289.56	3.05	SLT	2.76	90	R501101	14-035	Core		☐	☐	☐
286.51	289.56	3.05	SLT	2.76	90	R501102	14-035	Core		☐	☑	☐
289.56	295.66	6.10	SLT	6.03	99	Q052222	14-C06	Chip		☐	☐	☐
295.66	301.75	6.09	SLT	3.99	66	Q052223	14-C06	Chip		☐	☐	☐
301.75	307.85	6.10	SLT	6.10	100	Q052224	14-C06	Chip		☐	☐	☐
307.85	313.94	6.09	SLT	6.00	99	Q052225	14-C06	Chip		☐	☐	☐
313.94	320.04	6.10	SLT	6.10	100	Q052226	14-C06	Chip		☐	☐	☐
320.04	326.14	6.10	SLT	5.97	98	Q052227	14-C06	Chip		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
326.14	332.23	6.09	SLT	5.90	97	Q052228	14-C06	Chip		☐	☐	☐
332.23	338.33	6.10	SLT	6.02	99	Q052229	14-C06	Chip		☐	☐	☐
338.33	344.42	6.09	SLT	5.89	97	Q052230	14-C06	Chip		☐	☐	☐
344.42	347.47	3.05	SLT	2.96	97	Q052231	14-C06	Chip		☐	☐	☐
347.47	350.52	3.05	SLT	2.95	97	R501103	14-035	Core		☐	☐	☐
350.52	353.57	3.05	SLT	2.86	94	R501104	14-035	Core		☐	☐	☐
353.57	356.62	3.05	SLT	2.95	97	R501105	14-035	Core		☐	☐	☐
356.62	359.66	3.04	SLT	2.71	89	R501107	14-035	Core		☐	☐	☐
359.66	362.71	3.05	SLT	3.01	99	R501108	14-035	Core		☐	☐	☐
362.71	365.76	3.05	SLT	3.02	99	R501109	14-035	Core		☐	☐	☐
365.76	368.81	3.05	SLT	3.05	100	R501110	14-035	Core		☐	☐	☐
368.81	371.86	3.05	SLT	2.86	94	R501111	14-036	Core		☐	☐	☐
371.86	377.95	6.09	SLT	5.91	97	Q052232	14-C06	Chip		☐	☐	☐
377.95	384.05	6.10	SLT	6.04	99	Q052233	14-C06	Chip		☐	☐	☐
384.05	390.14	6.09	SLT	6.09	100	Q052234	14-C06	Chip		☐	☐	☐
390.14	396.24	6.10	SLT	6.01	99	Q052235	14-C06	Chip		☐	☐	☐
396.24	402.34	6.10	SLT	6.02	99	Q052236	14-C06	Chip		☐	☐	☐
402.34	405.38	3.04	SLT	3.01	99	Q052237	14-C06	Chip		☐	☐	☐
405.38	408.43	3.05	SLT	2.40	79	R501112	14-036	Core		☐	☐	☐
408.43	411.48	3.05	SLT	2.89	95	R501113	14-036	Core		☐	☐	☐
411.48	414.53	3.05	SLT	3.00	98	R501114	14-036	Core		☐	☐	☐
414.53	417.58	3.05	SLT	2.90	95	R501115	14-036	Core		☐	☐	☐
417.58	420.62	3.04	SLT	3.04	100	R501117	14-036	Core		☐	☐	☐
420.62	423.67	3.05	SLT	2.93	96	R501118	14-036	Core		☐	☐	☐
423.67	426.72	3.05	SLT	2.82	92	R501119	14-036	Core		☐	☐	☐
426.72	429.77	3.05	SLT	2.94	96	R501120	14-036	Core		☐	☐	☐
429.77	432.82	3.05	SLT	3.00	98	R501121	14-036	Core		☐	☐	☐
429.77	432.82	3.05	SLT	3.00	98	R501122	14-036	Core		☐	☐	☑
432.82	435.86	3.04	SLT	3.00	99	R501123	14-036	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
435.86	438.91	3.05	SLT	3.01	99	R501124	14-036	Core		☐	☐	☐
438.91	445.01	6.10	SLT	6.01	99	Q052238	14-C06	Chip		☐	☐	☐
445.01	448.06	3.05	SLT	2.97	97	R501125	14-036	Core		☐	☐	☐
448.06	451.10	3.04	SLT	2.98	98	R501127	14-036	Core		☐	☐	☐
451.10	454.15	3.05	SLT	2.92	96	R501128	14-036	Core		☐	☐	☐
454.15	457.20	3.05	SLT	2.62	86	R501129	14-036	Core		☐	☐	☐
457.20	460.25	3.05	SLT	2.89	95	R501130	14-036	Core		☐	☐	☐
460.25	463.30	3.05	SLT	2.80	92	R501131	14-036	Core		☐	☐	☐
463.30	466.34	3.04	SLT	3.04	100	R501132	14-036	Core		☐	☐	☐
466.34	472.44	6.10	SLT	6.10	100	Q052239	14-C06	Chip		☐	☐	☐
472.44	477.32	4.88	SLT	4.56	93	Q052240	14-C06	Chip		☐	☐	☐
477.32	483.41	6.09	SLT	5.95	98	Q052241	14-C06	Chip		☐	☐	☐
483.41	487.68	4.27	SLT	4.17	98	Q052242	14-C06	Chip		☐	☐	☐
487.68	493.78	6.10	SLT	5.77	95	Q052243	14-C06	Chip		☐	☐	☐
493.78	499.87	6.09	SLT	6.01	99	Q052244	14-C06	Chip		☐	☐	☐
499.87	505.97	6.10	SLT	6.10	100	Q052245	14-C06	Chip		☐	☐	☐
505.97	509.02	3.05	SLT	2.80	92	R501133	14-036	Core		☐	☐	☐
509.02	512.06	3.04	SLT	3.04	100	R501134	14-036	Core		☐	☐	☐
512.06	515.11	3.05	LST	3.05	100	R501136	14-036	Core		☐	☐	☐
515.11	518.16	3.05	LST	2.93	96	R501137	14-036	Core		☐	☐	☐
518.16	521.21	3.05	LST	2.93	96	R501138	14-036	Core		☐	☐	☐
518.16	521.21	3.05	LST	2.93	96	R501139	14-036	Core		☐	☑	☐
521.21	524.26	3.05	LST	3.01	99	R501140	14-036	Core		☐	☐	☐
524.26	527.30	3.04	LST	2.80	92	R501141	14-036	Core		☐	☐	☐
527.30	530.35	3.05	LST	3.05	100	R501142	14-036	Core		☐	☐	☐
530.35	533.40	3.05	LST	2.90	95	R501143	14-036	Core		☐	☐	☐
533.40	536.45	3.05	LST	3.05	100	R501144	14-036	Core		☐	☐	☐
536.45	539.50	3.05	LST	2.98	98	R501146	14-036	Core		☐	☐	☐
539.50	542.54	3.04	LST	3.04	100	R501147	14-037	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
542.54	545.59	3.05	LST	2.84	93	R501148	14-037	Core		☐	☐	☐
545.59	548.64	3.05	LST	3.05	100	R501149	14-037	Core		☐	☐	☐
548.64	551.69	3.05	LST	3.05	100	R501151	14-037	Core		☐	☐	☐
551.69	554.74	3.05	LST	3.02	99	R501152	14-037	Core		☐	☐	☐
554.74	557.78	3.04	LST	3.04	100	R501153	14-037	Core		☐	☐	☐
557.78	560.83	3.05	LST	3.03	99	R501154	14-037	Core		☐	☐	☐
557.78	560.83	3.05	LST	3.03	99	R501155	14-037	Core		☐	☑	☐
560.83	563.88	3.05	LST	2.90	95	R501156	14-037	Core		☐	☐	☐
563.88	566.93	3.05	LST	3.05	100	R501157	14-037	Core		☐	☐	☐
566.93	569.98	3.05	LST	2.95	97	R501158	14-037	Core		☐	☐	☐
569.98	573.02	3.04	LST	3.04	100	R501159	14-037	Core		☐	☐	☐
573.02	576.07	3.05	LST	3.05	100	R501161	14-037	Core		☐	☐	☐
576.07	579.12	3.05	LST	3.05	100	R501162	14-037	Core		☐	☐	☐
579.12	582.17	3.05	LST	3.05	100	R501163	14-037	Core		☐	☐	☐
582.17	585.22	3.05	LST	2.96	97	R501164	14-037	Core		☐	☐	☐
585.22	588.26	3.04	LST	3.04	100	R501165	14-037	Core		☐	☐	☐
588.26	591.31	3.05	LST	3.00	98	R501166	14-037	Core		☐	☐	☐
591.31	593.41	2.10	LST	2.09	100	R501167	14-037	Core		☐	☐	☐
593.41	594.94	1.53	LST	1.53	100	R501168	14-037	Core		☐	☐	☐
594.94	597.41	2.47	LST	2.47	100	R501169	14-037	Core		☐	☐	☐
597.41	600.46	3.05	LST	3.05	100	R501171	14-037	Core		☐	☐	☐
600.46	603.50	3.04	LST	3.04	100	R501172	14-037	Core		☐	☐	☐
603.50	606.55	3.05	LST	3.02	99	R501173	14-037	Core		☐	☐	☐
606.55	609.60	3.05	LST	2.98	98	R501174	14-037	Core		☐	☐	☐
609.60	612.65	3.05	LST	3.02	99	R501175	14-037	Core		☐	☐	☐
609.60	612.65	3.05	LST	3.02	99	R501176	14-037	Core		☐	☐	☑
612.65	615.70	3.05	LST	3.05	100	R501177	14-037	Core		☐	☐	☐
615.70	618.74	3.04	LST	2.95	97	R501178	14-037	Core		☐	☐	☐
618.74	621.79	3.05	LST	2.93	96	R501179	14-037	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
621.79	624.84	3.05	LST	3.02	99	R501180	14-037	Core		☐	☐	☐
624.84	627.89	3.05	LST	3.00	98	R501182	14-037	Core		☐	☐	☐
627.89	630.94	3.05	LST	2.99	98	R501183	14-038	Core		☐	☐	☐
630.94	633.98	3.04	LST	2.98	98	R501184	14-038	Core		☐	☐	☐
633.98	637.03	3.05	LST	3.05	100	R501185	14-038	Core		☐	☐	☐
637.03	640.08	3.05	LST	2.95	97	R501187	14-038	Core		☐	☐	☐
640.08	643.13	3.05	LST	3.05	100	R501188	14-038	Core		☐	☐	☐
643.13	646.18	3.05	LST	3.01	99	R501189	14-038	Core		☐	☐	☐
646.18	649.22	3.04	LST	3.04	100	R501191	14-038	Core		☐	☐	☐
649.22	652.27	3.05	LST	2.98	98	R501192	14-038	Core		☐	☐	☐
652.27	655.32	3.05	LST	3.05	100	R501193	14-038	Core		☐	☐	☐
655.32	658.37	3.05	LST	3.05	100	R501194	14-038	Core		☐	☐	☐
655.32	658.37	3.05	LST	3.05	100	R501195	14-038	Core		☐	☑	☐
658.37	661.42	3.05	LST	3.05	100	R501196	14-038	Core		☐	☐	☐
661.42	664.46	3.04	LST	3.00	99	R501197	14-038	Core		☐	☐	☐
664.46	667.51	3.05	LST	3.01	99	R501199	14-038	Core		☐	☐	☐
667.51	670.56	3.05	LST	3.05	100	R501200	14-038	Core		☐	☐	☐
670.56	673.61	3.05	LST	2.96	97	R501201	14-038	Core		☐	☐	☐
673.61	676.66	3.05	LST	2.97	97	R501202	14-038	Core		☐	☐	☐
676.66	679.70	3.04	LST	3.04	100	R501203	14-038	Core		☐	☐	☐
679.70	682.75	3.05	LST	3.05	100	R501205	14-038	Core		☐	☐	☐
682.75	685.80	3.05	LST	3.03	99	R501206	14-038	Core		☐	☐	☐
685.80	688.85	3.05	LST	3.05	100	R501207	14-038	Core		☐	☐	☐
688.85	691.90	3.05	LST	3.02	99	R501208	14-038	Core		☐	☐	☐
691.90	694.94	3.04	LST	2.98	98	R501209	14-038	Core		☐	☐	☐
691.90	694.94	3.04	LST	2.98	98	R501210	14-038	Core		☐	☐	☑
694.94	697.62	2.68	LST	2.68	100	R501211	14-038	Core		☐	☐	☐
697.62	699.52	1.90	LST	1.90	100	R501212	14-038	Core		☐	☐	☐
699.52	701.04	1.52	LST	1.49	98	R501213	14-038	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
701.04	704.09	3.05	LST	3.02	99	R501214	14-038	Core		☐	☐	☐
704.09	707.14	3.05	LST	3.03	99	R501215	14-038	Core		☐	☐	☐
707.14	710.18	3.04	LST	3.04	100	R501216	14-038	Core		☐	☐	☐
710.18	712.98	2.80	LST	2.80	100	R501217	14-038	Core		☐	☐	☐
712.98	714.82	1.84	LST	1.81	98	R501218	14-038	Core		☐	☐	☐
714.82	716.28	1.46	LST	1.44	99	R501219	14-039	Core		☐	☐	☐
716.28	719.33	3.05	LST	3.05	100	R501221	14-039	Core		☐	☐	☐
719.33	722.38	3.05	LST	3.00	98	R501222	14-039	Core		☐	☐	☐
722.38	725.42	3.04	LST	3.02	99	R501223	14-039	Core		☐	☐	☐
725.42	728.47	3.05	LST	3.05	100	R501224	14-039	Core		☐	☐	☐
728.47	731.52	3.05	LST	3.05	100	R501226	14-039	Core		☐	☐	☐
731.52	734.57	3.05	LST	2.87	94	R501227	14-039	Core		☐	☐	☐
734.57	737.62	3.05	LST	3.02	99	R501228	14-039	Core		☐	☐	☐
737.62	740.66	3.04	LST	3.04	100	R501229	14-039	Core		☐	☐	☐
740.66	743.71	3.05	LST	2.90	95	R501230	14-039	Core		☐	☐	☐
743.71	746.76	3.05	LST	2.92	96	R501231	14-039	Core		☐	☐	☐
743.71	746.76	3.05	LST	2.92	96	R501232	14-039	Core		☐	☑	☐
746.76	749.81	3.05	LST	2.72	89	R501233	14-039	Core		☐	☐	☐
749.81	752.86	3.05	LST	2.98	98	R501234	14-039	Core		☐	☐	☐
752.86	755.90	3.04	LST	2.40	79	R501235	14-039	Core		☐	☐	☐
755.90	758.95	3.05	LST	3.05	100	R501237	14-039	Core		☐	☐	☐
758.95	762.00	3.05	LST	3.03	99	R501238	14-039	Core		☐	☐	☐
762.00	765.05	3.05	LST	3.04	100	R501239	14-039	Core		☐	☐	☐
765.05	768.10	3.05	LST	3.04	100	R501240	14-039	Core		☐	☐	☐
768.10	771.14	3.04	LST	3.01	99	R501241	14-039	Core		☐	☐	☐
771.14	774.19	3.05	LST	2.97	97	R501242	14-039	Core		☐	☐	☐
771.14	774.19	3.05	LST	2.97	97	R501243	14-039	Core		☐	☐	☑
774.19	777.24	3.05	LST	2.97	97	R501244	14-039	Core		☐	☐	☐
777.24	780.29	3.05	LST	3.05	100	R501245	14-039	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
780.29	783.34	3.05	LST	3.05	100	R501246	14-039	Core		☐	☐	☐
783.34	786.38	3.04	LST	3.04	100	R501247	14-039	Core		☐	☐	☐
786.38	789.43	3.05	LST	3.05	100	R501248	14-039	Core		☐	☐	☐
789.43	792.48	3.05	LST	3.01	99	R501249	14-039	Core		☐	☐	☐
792.48	795.53	3.05	LST	3.05	100	R501251	14-039	Core		☐	☐	☐
795.53	798.58	3.05	LST	2.97	97	R501252	14-039	Core		☐	☐	☐
798.58	801.62	3.04	LST	3.04	100	R501253	14-039	Core		☐	☐	☐
801.62	804.67	3.05	LST	3.05	100	R501254	14-039	Core		☐	☐	☐
804.67	807.72	3.05	LST	3.05	100	R501255	14-040	Core		☐	☐	☐
807.72	810.77	3.05	LST	3.05	100	R501257	14-040	Core		☐	☐	☐
810.77	813.82	3.05	LST	3.00	98	R501259	14-040	Core		☐	☐	☐
813.82	816.86	3.04	LST	2.99	98	R501260	14-040	Core		☐	☐	☐
813.82	816.86	3.04	LST	2.99	98	R501261	14-040	Core		☐	☐	☑
816.86	819.91	3.05	LST	3.05	100	R501262	14-040	Core		☐	☐	☐

APPENDIX X

DIAMOND DRILLING – CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

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

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

Finalized Date: 15- JUL- 2014
Account: RCM

CERTIFICATE WH14099482

Project: NADALEEN

P.O. No.: 14- 001

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
PUL- QC	Pulverizing QC Test

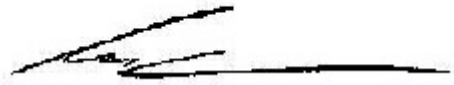
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099482

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311651		5.78	<0.01	0.04	9.56	19.9	350	2.87	0.37	0.59	0.02	89.6	17.9	71	29.7	42.2
K311652		10.03	<0.01	0.04	7.72	17.7	280	2.09	0.30	3.03	0.03	91.3	15.1	56	18.30	26.9
K311653		11.04	<0.01	0.03	9.29	18.8	450	2.53	0.37	0.66	<0.02	84.1	18.7	76	22.8	40.5
K311654		10.56	<0.01	0.05	9.17	19.6	410	2.28	0.37	0.45	0.03	86.7	19.9	76	19.65	39.1
K311655		11.67	<0.01	0.01	9.42	4.8	590	2.29	0.32	0.52	<0.02	70.9	18.5	81	21.0	26.2
K311656		10.72	<0.01	0.02	9.22	4.5	390	2.38	0.34	0.30	0.02	69.6	18.5	75	25.9	29.1
K311657		3.55	<0.01	0.04	8.39	9.5	580	2.33	0.35	1.41	0.02	78.3	16.5	70	22.8	27.3
K311658		11.53	<0.01	0.01	7.97	9.5	260	2.32	0.24	3.58	0.10	85.8	14.9	75	23.4	29.7
K311659		11.83	<0.01	0.03	3.25	67.1	410	1.18	0.12	17.75	0.13	38.0	6.8	35	6.45	16.8
K311660		6.67	<0.01	0.02	4.48	61.3	1900	1.44	0.16	12.95	0.04	50.9	8.1	48	11.10	26.8
K311661		11.25	0.01	0.07	1.15	5370	230	0.33	0.05	18.80	0.06	14.60	2.1	12	2.16	9.9
K311662		6.05	<0.01	<0.01	0.07	4.6	50	0.06	0.03	21.0	0.06	1.16	0.8	1	0.36	1.7
K311663		11.90	0.46	0.14	0.91	7950	100	0.30	0.04	18.65	0.04	14.15	1.8	10	1.91	9.3
K311664		12.37	0.10	0.04	0.79	449	50	0.24	0.03	18.60	0.03	12.45	1.4	8	1.40	18.0
K311665		5.55	0.06	0.02	0.69	664	50	0.20	0.02	19.05	0.02	11.65	1.1	7	1.18	14.2
K311666		12.81	0.27	0.01	0.69	9740	50	0.16	0.03	18.80	0.02	9.66	1.0	8	1.07	2.9
K311667		11.43	0.36	0.02	1.59	5000	110	0.43	0.05	17.20	0.03	21.2	2.7	17	4.77	8.4
K311668		8.81	0.01	0.02	3.71	110.5	160	1.33	0.09	10.75	0.07	45.5	5.1	40	14.60	11.2
K311669		5.79	0.01	0.05	2.08	72.4	440	0.76	0.06	14.35	0.08	29.2	3.5	24	7.11	11.3
K311670		9.24	0.01	0.01	1.71	34.3	340	0.56	0.05	27.9	0.18	21.5	2.8	18	5.12	8.0
K311671		0.26	0.49	0.10	3.63	2550	200	0.81	0.15	18.50	0.09	38.5	10.6	43	10.40	41.1
K311672		8.99	0.01	0.03	0.87	28.2	240	0.40	0.03	31.4	0.15	12.10	1.7	10	2.46	6.4
K311673		9.96	<0.01	0.05	1.23	22.9	250	0.53	0.04	29.9	0.14	16.35	2.5	13	3.85	7.4
K311674		10.32	0.01	0.06	2.77	34.3	190	0.98	0.08	20.3	0.08	35.7	5.0	28	12.25	15.9
K311675		<0.02	0.01	0.08	2.84	35.7	190	0.91	0.06	20.5	0.07	37.0	5.0	30	11.55	18.5
K311676		10.21	0.01	0.06	4.15	43.0	350	1.35	0.09	10.95	0.10	52.8	5.6	47	18.45	23.9
K311677		10.59	0.01	0.14	5.33	46.6	290	1.91	0.12	9.28	0.08	65.1	9.1	59	27.4	35.8
K311678		10.73	0.01	0.10	4.99	31.7	250	1.69	0.11	10.55	0.13	61.2	7.9	51	24.1	32.2
K311679		0.26	2.54	0.17	3.82	6200	200	0.94	0.14	12.05	0.17	42.0	11.4	47	10.35	36.0
K311680		10.98	<0.01	0.03	1.67	26.5	520	0.61	0.05	28.1	0.11	20.5	2.9	16	8.13	10.1
K311681		10.74	<0.01	0.03	2.31	24.7	280	0.75	0.06	25.4	0.06	27.7	4.1	23	12.55	15.1
K311682		9.98	<0.01	0.03	1.01	14.2	200	0.39	0.03	29.9	0.13	11.65	1.8	9	3.60	7.9
K311683		11.17	<0.01	0.03	2.05	18.0	260	0.71	0.05	24.1	0.08	24.2	3.7	18	10.15	10.6
K311684		11.71	<0.01	0.05	2.10	20.9	390	0.79	0.06	24.3	0.11	26.8	3.8	20	10.20	15.1
K311685		11.73	<0.01	0.05	1.89	22.7	240	0.70	0.05	24.7	0.05	24.2	3.4	18	7.43	9.2
K311686		6.65	<0.01	0.01	0.04	<0.2	40	<0.05	0.02	19.60	0.06	1.34	0.6	<1	0.14	1.3

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

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VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099482

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311651		3.44	26.6	0.30	3.4	0.07	0.074	4.32	44.1	80.5	0.96	188	0.46	0.11	12.5	35.8
K311652		3.72	20.5	0.24	2.8	0.11	0.066	3.15	47.6	87.0	1.42	989	0.36	0.09	9.5	30.9
K311653		4.30	25.9	0.13	3.1	0.03	0.069	4.06	42.1	169.0	1.26	540	0.18	0.11	13.0	44.5
K311654		4.77	24.4	0.15	3.1	0.04	0.074	3.74	45.1	169.5	1.19	774	0.41	0.11	12.6	43.0
K311655		5.44	25.1	0.13	2.6	0.02	0.066	4.10	36.2	134.5	1.29	382	0.21	0.10	12.7	40.5
K311656		5.26	24.8	0.14	2.6	0.02	0.058	3.94	35.1	157.0	1.25	232	0.24	0.08	12.6	41.6
K311657		4.83	22.3	0.13	3.1	0.02	0.060	3.52	41.0	179.0	1.49	545	0.41	0.06	12.1	36.9
K311658		3.90	21.7	0.14	3.1	0.06	0.062	3.26	48.1	168.5	2.51	1340	0.12	0.05	14.2	56.4
K311659		2.18	8.67	0.08	1.4	0.18	0.025	1.39	20.2	57.0	3.35	1420	0.47	0.03	5.6	19.1
K311660		1.79	12.55	0.11	2.0	0.43	0.036	2.20	27.5	28.7	4.01	946	0.30	0.04	8.2	24.2
K311661		0.57	3.00	0.09	0.7	3.29	0.009	0.49	8.4	4.3	10.35	450	1.32	0.02	1.9	7.7
K311662		0.48	0.23	0.08	<0.1	0.01	<0.005	0.03	0.6	1.6	12.85	205	<0.05	<0.01	0.2	5.3
K311663		0.57	2.34	0.07	0.6	3.91	0.007	0.38	7.8	5.2	11.10	584	0.68	0.01	1.7	7.8
K311664		0.72	2.08	0.09	0.6	11.9	<0.005	0.36	6.5	4.7	11.45	419	0.18	0.01	1.3	6.5
K311665		0.65	1.80	0.07	0.5	3.53	<0.005	0.32	6.0	3.8	11.50	435	0.15	0.01	1.1	5.7
K311666		0.67	1.77	0.08	0.4	2.98	0.006	0.28	5.8	4.4	11.25	479	0.15	0.01	1.1	5.5
K311667		0.68	4.12	0.09	1.1	6.68	0.009	0.75	11.7	8.6	10.50	479	0.19	0.01	2.7	8.2
K311668		1.15	9.83	0.13	3.2	1.03	0.027	1.93	24.2	18.2	6.34	240	0.39	0.02	7.3	12.7
K311669		1.14	5.36	0.11	1.7	0.94	0.012	1.07	15.5	8.8	8.15	245	0.79	0.02	3.7	10.0
K311670		0.59	4.50	0.12	1.3	0.35	0.014	0.89	11.8	7.1	1.87	203	0.15	0.01	2.9	11.0
K311671		3.09	9.35	0.09	1.9	3.86	0.036	1.78	19.5	9.1	1.45	1170	1.49	0.02	6.2	25.6
K311672		0.37	2.38	0.08	0.7	0.35	0.007	0.47	7.1	3.8	1.40	118	0.36	0.01	1.4	8.8
K311673		0.70	3.27	0.08	0.9	0.32	0.012	0.65	8.7	5.6	2.64	136	0.65	0.01	2.0	10.7
K311674		0.98	7.21	0.10	1.9	0.23	0.019	1.50	19.1	14.7	2.51	172	0.50	0.02	4.8	15.9
K311675		0.97	7.54	0.14	2.0	0.23	0.024	1.48	19.0	13.7	2.52	172	0.56	0.02	4.9	13.9
K311676		1.37	10.90	0.17	3.0	0.25	0.028	2.31	27.4	18.0	4.66	240	0.40	0.03	7.3	16.0
K311677		1.37	14.85	0.23	3.5	0.37	0.047	3.10	33.8	23.5	2.82	160	0.48	0.05	9.3	24.1
K311678		1.31	13.55	0.17	3.3	0.23	0.043	2.87	32.5	22.9	2.81	161	0.39	0.04	8.7	20.1
K311679		2.89	10.50	0.14	2.1	16.0	0.033	1.79	22.4	11.1	2.57	1130	2.03	0.02	6.1	27.0
K311680		0.81	4.47	0.13	0.9	0.06	0.015	0.94	11.8	15.3	1.59	125	0.46	0.05	2.7	8.1
K311681		1.03	5.97	0.15	1.0	0.06	0.014	1.23	15.2	29.6	1.71	126	0.36	0.12	3.6	11.3
K311682		0.49	2.68	0.11	0.5	0.05	0.011	0.52	6.7	11.7	1.11	102	0.43	0.07	1.4	4.9
K311683		0.96	5.40	0.12	1.1	0.08	0.018	1.07	11.9	37.2	1.71	132	0.55	0.16	2.9	10.4
K311684		1.01	5.67	0.13	0.9	0.08	0.015	1.12	13.4	35.4	1.58	140	0.40	0.11	3.1	10.5
K311685		0.84	5.08	0.13	1.0	0.08	0.017	1.05	11.9	25.3	1.50	122	0.52	0.07	2.9	8.6
K311686		0.45	0.15	0.09	<0.1	<0.01	<0.005	0.02	0.6	1.0	12.25	205	<0.05	<0.01	0.1	1.4

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

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

Finalized Date: 15- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099482

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311651		370	17.0	180.5	<0.002	1.95	0.49	16.6	<1	2.7	97.7	0.91	0.06	15.1	0.422	1.28
K311652		470	19.0	149.0	<0.002	1.49	1.05	13.8	1	2.1	134.5	0.70	0.05	13.8	0.337	1.13
K311653		520	7.9	154.5	<0.002	0.11	0.69	16.3	1	2.8	120.5	0.98	0.07	14.3	0.421	1.07
K311654		660	24.7	150.5	<0.002	0.13	0.86	16.3	1	2.5	117.0	0.95	0.10	15.0	0.411	1.03
K311655		600	11.0	145.0	<0.002	0.10	0.35	15.2	1	2.5	124.5	0.96	0.06	12.8	0.416	0.99
K311656		570	15.5	145.5	<0.002	0.08	0.26	15.5	1	2.5	116.5	0.95	0.06	12.3	0.402	1.03
K311657		750	12.0	150.0	<0.002	0.09	0.32	16.2	1	2.5	133.5	0.91	0.07	13.8	0.421	0.91
K311658		530	4.8	145.0	<0.002	0.38	0.25	14.3	1	2.6	111.5	1.07	<0.05	17.6	0.354	0.94
K311659		360	37.1	61.4	<0.002	0.44	0.43	5.5	2	1.2	366	0.41	<0.05	7.0	0.152	0.60
K311660		490	12.2	91.7	<0.002	0.37	0.36	7.9	3	1.7	245	0.62	<0.05	10.0	0.214	0.75
K311661		330	8.6	15.9	0.002	0.71	1.18	1.9	1	0.4	166.5	0.14	<0.05	2.5	0.055	2.00
K311662		190	1.3	1.8	<0.002	<0.01	<0.05	0.2	<1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	0.02
K311663		330	6.1	13.1	0.002	0.90	6.75	1.6	1	0.3	159.0	0.12	<0.05	2.2	0.046	4.68
K311664		240	2.9	11.6	<0.002	0.28	1.56	1.4	1	0.3	122.0	0.10	<0.05	1.7	0.038	5.53
K311665		240	2.2	10.1	<0.002	0.22	1.51	1.3	1	0.2	124.5	0.08	<0.05	1.5	0.030	2.28
K311666		220	1.9	9.3	<0.002	0.61	8.32	1.1	1	0.2	119.0	0.08	<0.05	1.4	0.032	4.91
K311667		440	3.3	25.8	<0.002	0.43	7.58	2.7	1	0.5	124.5	0.20	<0.05	3.7	0.076	9.56
K311668		540	6.3	69.1	<0.002	0.33	0.52	6.1	1	1.3	118.5	0.52	<0.05	9.3	0.195	1.04
K311669		320	7.0	36.5	0.002	0.16	0.49	3.4	2	0.7	132.5	0.27	<0.05	4.9	0.107	1.08
K311670		270	5.4	30.8	<0.002	0.12	0.31	2.8	1	0.6	476	0.21	<0.05	3.8	0.081	0.62
K311671		380	8.7	78.1	<0.002	2.56	9.15	9.0	1	1.4	724	0.45	0.05	5.8	0.275	10.30
K311672		180	4.2	15.9	<0.002	0.09	0.29	1.5	1	0.3	759	0.11	<0.05	1.9	0.040	0.44
K311673		180	5.4	21.6	<0.002	0.15	0.23	2.0	2	0.4	750	0.15	<0.05	2.7	0.058	0.45
K311674		520	7.6	54.1	<0.002	0.21	0.23	4.5	2	0.9	431	0.37	<0.05	6.5	0.134	0.52
K311675		520	8.2	60.6	<0.002	0.21	0.25	4.5	2	0.9	426	0.37	<0.05	6.5	0.140	0.51
K311676		730	10.9	90.1	0.002	0.15	0.26	6.5	2	1.3	244	0.53	<0.05	10.2	0.214	0.62
K311677		1220	13.6	127.0	0.002	0.23	0.41	8.7	3	1.9	206	0.70	<0.05	12.5	0.266	0.88
K311678		900	15.4	118.0	<0.002	0.21	0.33	8.0	3	1.7	208	0.65	<0.05	11.5	0.241	0.75
K311679		430	11.2	93.4	<0.002	2.59	21.1	10.3	1	1.6	308	0.44	<0.05	6.5	0.273	43.5
K311680		220	5.8	48.1	<0.002	0.12	0.19	2.7	1	0.5	981	0.22	<0.05	3.6	0.076	0.38
K311681		340	9.0	59.7	<0.002	0.14	0.20	3.6	1	0.7	976	0.27	<0.05	4.9	0.102	0.43
K311682		140	5.4	21.4	<0.002	0.11	0.12	1.6	1	0.3	1370	0.10	<0.05	1.9	0.044	0.24
K311683		290	6.7	49.6	<0.002	0.16	0.18	3.4	1	0.7	1005	0.21	<0.05	4.1	0.089	0.31
K311684		400	5.3	53.7	0.002	0.15	0.14	3.5	1	0.7	888	0.22	<0.05	4.2	0.090	0.31
K311685		300	5.2	50.4	<0.002	0.15	0.14	3.3	1	0.6	1070	0.21	<0.05	4.0	0.086	0.34
K311686		170	1.3	0.9	<0.002	0.01	<0.05	0.1	<1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	0.02

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

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

Finalized Date: 15- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099482

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K311651		3.3	96	1.9	15.8	53	111.5
K311652		2.8	75	1.5	18.9	65	94.4
K311653		3.0	100	1.8	19.8	86	106.5
K311654		3.2	93	1.8	20.4	99	106.5
K311655		2.4	85	1.5	16.4	96	87.8
K311656		2.2	84	1.4	16.6	102	86.6
K311657		2.7	88	1.6	21.6	110	106.0
K311658		2.7	54	1.4	21.5	97	109.5
K311659		8.2	46	1.1	12.7	66	50.5
K311660		7.7	63	1.3	15.0	36	73.7
K311661		14.8	24	0.8	5.1	8	22.0
K311662		0.8	2	0.1	0.8	17	0.5
K311663		13.9	25	0.9	4.9	4	20.4
K311664		8.0	19	0.6	4.9	<2	17.9
K311665		7.6	17	0.5	4.8	<2	15.5
K311666		7.9	17	0.7	4.0	<2	13.7
K311667		8.7	28	1.2	6.9	3	40.7
K311668		3.9	57	2.4	14.3	10	112.0
K311669		10.2	41	1.6	9.0	13	62.4
K311670		7.5	24	1.0	7.7	19	47.7
K311671		2.5	72	5.3	16.6	45	67.9
K311672		15.9	17	0.6	5.1	18	25.7
K311673		19.9	20	0.6	6.0	29	33.9
K311674		8.1	45	0.7	11.5	20	70.0
K311675		7.6	47	0.8	11.5	22	70.9
K311676		4.7	65	1.1	16.3	36	114.5
K311677		8.3	88	1.1	24.6	56	124.0
K311678		9.8	80	1.0	18.6	74	118.5
K311679		6.6	83	7.9	18.2	47	71.9
K311680		12.1	27	0.3	6.3	31	29.3
K311681		11.3	34	0.4	7.8	31	35.9
K311682		14.1	20	0.2	3.8	22	16.7
K311683		13.2	33	0.4	6.7	31	41.1
K311684		11.4	36	0.4	7.8	30	29.1
K311685		11.9	33	0.4	6.8	24	34.0
K311686		0.5	1	0.1	0.7	15	<0.5

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Finalized Date: 15- JUL- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099482

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21	WSH- 22		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- 31d	PUL- QC		

ALS Canada Ltd.

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

Finalized Date: 13- JUL- 2014
Account: RCM

CERTIFICATE WH14099484

P.O. No.: 14- 002

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 23	Pulp Login - Rcvd with Barcode
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70%< 2mm

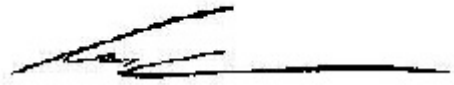
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 13- JUL- 2014
Account: RCM

CERTIFICATE OF ANALYSIS WH14099484

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311687		12.29	<0.01	0.08	3.36	35.3	160	1.17	0.08	18.25	0.06	41.5	5.8	37	17.90	17.3
K311688		12.74	<0.01	0.03	0.86	57.2	1630	0.28	0.02	31.5	0.22	12.90	1.6	10	1.80	4.8
K311689		11.26	0.03	0.08	1.35	192.0	1530	0.58	0.05	30.4	0.29	18.40	2.7	15	3.23	13.7
K311690		12.32	0.39	0.06	0.75	1570	240	0.32	0.02	30.7	0.33	12.35	1.3	9	1.26	3.8
K311691		7.63	<0.01	0.02	0.04	4.0	20	0.05	0.03	20.5	0.06	1.39	0.6	<1	0.16	1.5
K311692		12.51	1.01	0.09	2.03	7320	340	0.54	0.05	16.75	0.32	30.6	2.7	24	3.62	10.3
K311693		10.98	0.05	0.04	0.95	78.2	280	0.35	0.02	23.4	0.39	17.30	1.2	11	1.50	3.2
K311694		12.00	0.01	0.04	1.50	158.0	3370	0.47	0.04	17.15	0.21	25.4	1.6	16	3.28	12.9
K311695		11.83	0.11	0.09	2.33	179.5	310	0.65	0.05	15.80	0.23	31.2	3.6	23	4.87	14.2
K311696		0.26	2.53	0.19	4.05	6440	210	0.97	0.13	12.65	0.13	44.4	11.6	47	10.75	36.8
K311697		11.83	<0.01	0.04	1.38	29.7	190	0.41	0.03	25.1	0.26	23.3	2.3	15	4.12	6.9
K311698		10.94	0.02	0.12	3.19	61.9	400	1.10	0.07	15.25	0.19	44.4	4.8	35	11.40	17.3
K311699		10.47	0.06	0.11	2.38	75.8	210	0.76	0.07	24.8	0.17	32.3	4.3	26	5.47	23.0
K311700		9.99	<0.01	0.05	0.83	21.3	410	0.29	0.03	30.6	0.17	16.40	1.8	10	1.82	6.3
K311701		10.96	0.01	0.05	0.83	29.1	320	0.29	0.03	31.1	0.23	19.70	1.9	10	1.59	7.0
K311702		4.32	0.01	0.07	0.92	32.5	240	0.35	0.03	30.2	0.22	20.1	2.1	12	1.81	7.9
K311703		10.36	<0.01	0.06	1.05	19.2	570	0.44	0.04	29.2	0.21	17.90	2.1	12	2.51	6.8
K311704		13.13	<0.01	0.05	1.35	15.6	250	0.43	0.05	25.2	0.17	19.95	2.3	15	2.68	6.5
K311705		9.31	0.01	0.06	1.19	14.9	220	0.41	0.04	26.9	0.30	17.30	2.2	13	2.50	7.1
K311706		11.26	<0.01	0.06	2.17	19.4	500	0.86	0.06	20.9	0.18	30.5	4.1	24	7.27	10.5
K311707		9.26	<0.01	0.07	3.88	43.0	710	1.38	0.10	11.00	0.05	44.7	6.4	44	11.05	21.9
K311708		10.08	<0.01	0.06	3.74	37.0	410	1.32	0.10	17.50	0.09	42.0	6.7	42	8.65	22.0
K311709		0.26	2.27	1.76	4.13	160.0	430	1.31	0.17	0.40	0.23	56.4	3.6	49	7.93	33.8
K311710		10.94	0.02	0.05	2.38	73.4	230	1.07	0.07	22.8	0.10	30.2	4.5	25	4.68	15.2
K311711		12.38	0.66	0.15	4.38	8820	140	1.38	0.10	10.70	0.12	46.4	8.4	47	8.39	21.4
K311712		12.36	0.49	0.07	3.99	3050	160	1.42	0.10	15.30	0.07	46.0	7.3	44	9.42	21.9
K311713		6.88	<0.01	0.01	0.05	11.6	40	0.06	0.02	20.7	0.08	1.29	0.7	<1	0.14	1.8
K311714		12.15	0.01	0.05	3.00	66.3	310	1.32	0.08	20.1	0.08	36.2	5.3	32	6.31	16.9
K311715		12.72	0.15	0.05	4.64	609	220	1.70	0.12	10.50	0.17	52.4	6.5	50	9.29	25.1
K311716		11.93	0.44	0.13	5.58	769	240	1.71	0.14	9.80	0.15	57.7	6.7	58	10.25	38.1
K311717		12.53	0.03	0.04	3.97	185.5	160	1.26	0.11	15.30	0.10	42.3	6.4	42	7.63	17.9
K311718		12.13	<0.01	0.01	2.66	78.3	100	0.91	0.08	23.5	0.08	32.0	3.9	25	4.76	22.8
K311719		<0.02	0.01	0.01	2.65	77.9	100	0.94	0.09	23.4	0.08	32.2	3.9	24	4.78	22.5
K311720		10.84	<0.01	0.01	3.14	52.1	150	1.05	0.09	18.40	0.12	36.2	4.1	33	6.36	4.9
K311721		10.68	<0.01	0.02	4.01	170.5	190	1.37	0.11	13.65	0.12	45.9	5.2	42	8.29	19.8
K311722		9.82	0.15	0.06	5.72	582	230	1.91	0.29	9.74	0.36	64.0	11.2	48	11.90	47.6

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

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

Finalized Date: 13- JUL- 2014
Account: RCM

CERTIFICATE OF ANALYSIS WH14099484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311687		1.57	8.99	0.13	1.7	0.14	0.022	1.90	21.8	51.4	2.70	163	0.96	0.16	5.6	16.2
K311688		0.46	2.29	0.10	0.5	0.11	0.006	0.48	7.6	6.1	1.41	108	0.46	0.02	1.5	4.2
K311689		0.61	3.51	0.12	0.8	0.43	0.012	0.74	10.6	10.8	1.16	123	0.67	0.01	2.4	7.8
K311690		0.47	1.91	0.09	1.0	1.66	0.011	0.40	6.7	5.4	2.17	2620	0.60	0.01	1.3	3.0
K311691		0.47	0.18	0.13	<0.1	<0.01	0.006	0.02	0.7	1.1	13.00	209	0.06	<0.01	0.2	1.8
K311692		0.91	5.00	0.14	1.7	3.98	0.015	1.14	12.5	12.2	3.50	2150	0.82	0.02	3.3	7.7
K311693		0.50	2.21	0.12	0.8	0.39	0.010	0.64	9.1	6.3	2.74	238	0.46	0.02	1.5	2.8
K311694		0.86	3.56	0.15	1.3	0.70	0.011	0.99	12.1	8.5	4.13	229	0.66	0.02	2.5	4.1
K311695		0.87	5.77	0.17	1.6	0.89	0.022	1.43	15.2	13.3	3.26	248	0.64	0.03	3.7	9.4
K311696		3.03	10.80	0.15	2.0	15.9	0.029	1.87	23.5	11.9	2.70	1180	1.97	0.02	6.2	26.9
K311697		0.63	3.62	0.12	1.1	0.13	0.010	0.91	12.2	9.0	2.10	148	0.75	0.02	2.5	5.8
K311698		1.33	8.20	0.16	2.3	0.28	0.023	2.03	23.2	22.7	3.65	176	1.08	0.04	5.8	13.4
K311699		1.00	6.44	0.16	1.2	0.44	0.022	1.32	18.2	14.2	1.85	154	0.69	0.02	4.1	12.4
K311700		0.67	2.17	0.07	0.5	0.13	0.017	0.49	9.2	4.6	1.30	116	0.59	0.01	1.5	4.3
K311701		0.43	2.26	0.10	0.5	0.16	0.017	0.47	10.9	4.7	0.66	107	0.40	0.01	1.7	4.6
K311702		0.46	2.46	0.10	0.5	0.17	0.015	0.53	11.1	5.3	0.71	108	0.41	0.01	1.9	5.1
K311703		0.52	2.78	0.13	0.7	0.13	0.014	0.61	9.6	7.9	1.51	118	0.74	0.01	2.0	4.8
K311704		0.55	3.36	0.15	1.0	0.11	0.015	0.82	10.2	10.6	1.97	121	0.65	0.02	2.5	5.5
K311705		0.57	2.93	0.14	0.8	0.11	0.015	0.70	9.3	8.2	1.85	140	0.76	0.02	2.0	5.4
K311706		1.05	5.65	0.17	1.4	0.21	0.019	1.27	15.6	14.4	3.18	180	1.03	0.02	3.8	10.2
K311707		1.86	9.94	0.20	2.0	0.22	0.035	2.23	23.2	24.0	5.64	232	1.03	0.04	6.3	17.6
K311708		1.63	9.54	0.21	1.7	0.25	0.033	2.09	22.3	22.9	3.72	209	0.83	0.03	6.0	17.2
K311709		1.02	10.50	0.20	2.4	1.74	0.041	1.38	29.6	33.2	0.21	24	26.2	0.06	7.0	22.5
K311710		1.11	6.21	0.16	1.1	0.50	0.021	1.27	15.5	14.0	2.60	219	0.53	0.02	3.8	11.8
K311711		1.85	10.90	0.16	2.6	4.09	0.042	2.34	24.4	21.4	4.08	897	0.54	0.03	7.2	20.2
K311712		1.49	10.40	0.18	2.1	2.60	0.037	2.09	25.2	21.1	2.36	680	0.25	0.02	6.8	20.2
K311713		0.48	0.18	0.16	<0.1	<0.01	0.009	0.02	0.6	1.3	12.95	208	0.26	<0.01	0.1	1.8
K311714		1.20	7.65	0.22	1.7	0.54	0.026	1.59	19.7	15.7	2.68	237	0.68	0.02	5.2	14.3
K311715		1.68	12.40	0.24	2.7	2.09	0.037	2.47	27.2	25.2	3.71	482	0.50	0.02	7.9	18.9
K311716		1.60	14.30	0.26	3.0	3.18	0.046	2.93	30.1	27.3	3.87	738	0.54	0.03	9.2	16.6
K311717		1.42	9.93	0.22	2.0	0.85	0.031	2.09	23.0	18.8	4.06	437	0.50	0.02	6.3	12.7
K311718		1.02	6.89	0.20	1.3	0.28	0.022	1.42	17.1	13.1	2.70	277	0.34	0.02	4.3	10.3
K311719		1.01	6.93	0.22	1.3	0.27	0.024	1.41	17.4	13.2	2.67	276	0.35	0.02	4.4	10.3
K311720		1.53	8.13	0.21	1.4	0.08	0.027	1.67	19.2	16.9	4.01	321	0.27	0.02	5.1	13.7
K311721		1.73	10.15	0.22	2.1	0.13	0.035	2.12	24.4	20.1	4.33	446	0.34	0.03	6.4	16.3
K311722		2.71	15.05	0.23	2.4	1.27	0.056	2.65	34.3	17.3	2.83	1440	0.54	0.03	9.2	27.8

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

Finalized Date: 13- JUL- 2014
Account: RCM

CERTIFICATE OF ANALYSIS WH14099484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311687		430	11.8	92.6	0.002	0.29	0.33	5.4	2	1.1	824	0.41	<0.05	7.6	0.159	0.50
K311688		190	8.0	20.8	<0.002	0.20	0.18	1.4	1	0.3	2250	0.11	<0.05	2.2	0.042	0.29
K311689		290	9.2	32.8	<0.002	0.38	0.69	2.3	1	0.4	3830	0.19	<0.05	3.5	0.068	0.47
K311690		210	6.4	17.4	<0.002	0.21	5.63	1.2	1	0.3	1100	0.09	<0.05	2.0	0.037	3.89
K311691		200	4.5	1.1	<0.002	<0.01	0.07	0.1	<1	<0.2	59.9	<0.05	<0.05	<0.2	<0.005	0.02
K311692		540	10.5	50.0	<0.002	0.64	18.55	3.1	2	0.6	724	0.24	<0.05	4.8	0.093	11.15
K311693		450	6.9	24.9	<0.002	0.12	0.72	1.3	1	0.3	689	0.12	<0.05	2.2	0.042	1.15
K311694		460	8.4	40.2	<0.002	0.25	0.45	2.2	2	0.5	580	0.19	<0.05	3.7	0.072	0.71
K311695		450	12.3	61.2	<0.002	0.46	2.17	3.4	3	0.7	515	0.30	<0.05	5.0	0.102	2.84
K311696		460	12.8	95.6	0.002	2.71	21.5	10.4	2	1.6	327	0.45	<0.05	6.7	0.277	45.7
K311697		290	7.1	37.2	<0.002	0.20	0.23	2.1	2	0.4	870	0.20	<0.05	3.4	0.068	0.50
K311698		580	11.9	85.0	<0.002	0.41	0.34	4.9	3	1.0	531	0.42	<0.05	8.1	0.161	0.69
K311699		550	9.9	57.0	0.002	0.29	1.06	3.9	2	0.9	827	0.31	<0.05	5.8	0.114	1.23
K311700		180	6.4	17.6	<0.002	0.15	0.19	1.4	1	0.3	934	0.11	<0.05	2.0	0.040	0.40
K311701		200	6.9	18.6	<0.002	0.18	0.23	1.4	1	0.3	1090	0.12	<0.05	2.0	0.042	0.53
K311702		210	7.8	20.9	<0.002	0.19	0.27	1.6	1	0.3	1040	0.14	<0.05	2.3	0.048	0.65
K311703		210	7.6	23.5	<0.002	0.19	0.18	1.7	1	0.4	1140	0.13	<0.05	2.5	0.053	0.41
K311704		240	8.6	31.6	<0.002	0.15	0.19	2.2	2	0.4	1680	0.18	<0.05	3.1	0.069	0.43
K311705		230	8.3	26.3	<0.002	0.16	0.20	1.8	2	0.4	1570	0.15	<0.05	2.8	0.060	0.45
K311706		340	8.8	49.4	<0.002	0.24	0.23	3.5	3	0.7	1050	0.27	<0.05	5.0	0.110	0.53
K311707		510	9.1	84.9	<0.002	0.40	0.25	6.1	3	1.3	276	0.47	<0.05	8.5	0.191	0.64
K311708		470	7.4	80.4	<0.002	0.32	0.20	5.8	3	1.3	506	0.45	<0.05	7.9	0.180	0.58
K311709		500	27.4	55.0	0.002	0.74	158.0	7.9	1	1.4	156.5	0.50	0.33	7.5	0.198	13.35
K311710		300	6.6	50.0	<0.002	0.18	0.51	3.9	2	0.8	664	0.29	<0.05	4.8	0.112	0.83
K311711		510	9.8	88.8	0.002	0.81	22.5	6.6	3	1.4	290	0.55	<0.05	9.3	0.222	14.10
K311712		530	11.4	83.9	<0.002	0.42	10.90	6.4	2	1.3	402	0.51	<0.05	8.8	0.197	10.30
K311713		170	2.1	1.0	<0.002	<0.01	<0.05	0.2	<1	<0.2	49.8	<0.05	<0.05	<0.2	<0.005	<0.02
K311714		380	7.5	62.1	<0.002	0.19	0.48	4.8	2	1.0	568	0.37	<0.05	6.3	0.146	0.86
K311715		600	14.7	97.4	<0.002	0.35	4.82	7.5	2	1.6	316	0.59	<0.05	10.2	0.229	6.28
K311716		690	14.3	116.5	<0.002	0.60	9.32	8.7	2	1.8	285	0.69	<0.05	11.7	0.279	10.65
K311717		470	8.3	77.5	<0.002	0.50	0.75	6.1	2	1.3	380	0.47	<0.05	7.9	0.193	1.77
K311718		320	6.3	54.0	<0.002	0.15	0.16	4.3	1	0.9	587	0.33	<0.05	5.5	0.126	0.47
K311719		320	5.5	54.8	<0.002	0.15	0.16	4.4	1	0.9	580	0.31	<0.05	5.5	0.126	0.46
K311720		350	4.2	65.0	<0.002	0.10	0.10	5.0	2	1.0	377	0.37	<0.05	6.3	0.151	0.33
K311721		460	9.7	82.2	<0.002	0.13	0.16	6.3	2	1.4	278	0.47	<0.05	8.3	0.193	0.57
K311722		430	14.8	119.5	<0.002	1.84	2.30	10.3	2	1.9	270	0.66	<0.05	10.7	0.294	3.27

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CERTIFICATE OF ANALYSIS WH14099484

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
K311687		9.8	54	0.6	11.3	40	61.8
K311688		13.1	15	0.2	4.2	22	19.7
K311689		13.6	22	0.4	6.2	29	30.7
K311690		12.1	13	0.4	6.4	35	23.6
K311691		0.8	2	0.1	0.8	18	0.5
K311692		7.4	29	1.0	9.7	51	60.5
K311693		5.7	14	0.4	6.0	30	29.3
K311694		5.6	21	0.5	8.3	21	50.7
K311695		6.0	31	1.1	10.2	62	60.2
K311696		6.9	88	7.9	18.0	47	71.5
K311697		6.7	23	0.3	7.2	28	39.1
K311698		7.2	47	0.7	12.9	50	82.6
K311699		14.0	38	0.6	9.8	43	43.6
K311700		12.6	18	0.2	4.8	30	16.9
K311701		15.0	16	0.2	4.6	37	16.4
K311702		15.5	18	0.2	4.8	37	18.6
K311703		14.7	21	0.2	5.1	34	23.6
K311704		11.6	21	0.3	6.2	33	37.1
K311705		12.8	22	0.3	5.4	50	27.2
K311706		9.6	36	0.4	9.1	51	49.7
K311707		4.9	63	1.3	13.4	42	70.6
K311708		7.2	58	0.7	12.1	47	59.7
K311709		5.6	170	24.0	13.5	63	83.0
K311710		9.5	39	0.7	8.7	33	37.5
K311711		7.3	72	2.4	14.2	46	85.7
K311712		6.3	60	2.2	13.2	33	76.9
K311713		0.6	2	0.1	0.8	17	0.5
K311714		10.1	55	0.9	11.0	24	57.5
K311715		5.4	73	3.3	16.5	41	92.3
K311716		6.1	89	3.9	17.8	27	104.0
K311717		9.3	57	2.0	12.1	21	65.9
K311718		9.4	36	0.7	10.0	15	44.4
K311719		9.4	36	0.7	10.0	13	45.4
K311720		3.7	39	0.8	11.2	22	52.7
K311721		6.4	57	1.0	13.7	24	70.9
K311722		5.0	72	4.7	16.5	72	83.9

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

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

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

Finalized Date: 13- JUL- 2014
Account: RCM

CERTIFICATE OF ANALYSIS WH14099484

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21	WSH- 22		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- 31d			

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

Finalized Date: 20- JUL- 2014
Account: RCM

CERTIFICATE WH14101206

Project: NADALEEN

P.O. No.: 14- 003

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
WSH- 21	"Wash" crushers
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- 31d	Pulverize Split - duplicate
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
WSH- 22	"Wash" pulverizers

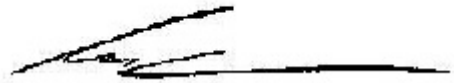
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 20- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101206

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311723		0.55	<0.01	0.31	0.62	25.4	3430	0.25	0.02	21.2	4.54	9.20	3.6	30	0.66	9.1
K311724		8.63	<0.01	0.81	1.96	95.5	5730	0.55	0.08	16.10	2.90	21.5	4.1	69	4.51	27.6
K311725		7.18	<0.01	0.57	1.64	77.4	5720	0.60	0.06	19.05	1.08	18.05	3.5	61	4.14	21.0
K311726		6.32	<0.01	2.39	5.13	105.5	3380	1.72	0.20	1.72	2.29	48.1	4.4	200	18.85	70.8
K311727		8.44	0.01	2.56	5.26	194.5	2670	1.89	0.18	1.23	3.74	48.9	7.1	162	16.35	68.8
K311728		7.90	0.01	0.97	4.30	90.2	1550	1.40	0.17	2.98	1.21	41.9	5.7	144	17.95	58.6
K311729		0.26	0.49	0.09	3.72	2650	210	1.05	0.13	19.25	0.12	39.7	11.3	43	10.55	42.7
K311730		7.63	<0.01	0.78	4.23	34.9	840	1.44	0.16	4.67	1.20	39.8	5.8	135	18.25	61.9
K311731		9.42	<0.01	0.74	4.51	26.2	720	1.47	0.17	4.36	2.03	44.1	6.6	127	20.0	62.1
K311732		6.78	0.01	0.90	4.18	20.4	730	1.40	0.16	4.67	0.71	41.0	6.0	128	20.6	60.5
K311733		8.98	<0.01	0.81	3.62	20.5	460	1.28	0.15	6.91	0.52	35.5	4.5	112	15.85	52.5
K311734		11.38	<0.01	0.75	3.75	28.6	1060	1.27	0.15	6.05	0.50	38.1	5.3	114	15.20	52.9
K311735		11.35	<0.01	0.68	3.93	30.6	530	1.31	0.15	7.49	0.41	40.0	5.6	97	14.95	43.3
K311736		4.47	<0.01	0.68	3.98	31.4	720	1.28	0.15	7.49	0.43	39.3	5.6	99	14.95	43.2
K311737		10.37	<0.01	0.53	4.72	20.3	480	1.41	0.18	3.85	0.30	45.9	5.7	117	19.30	51.6
K311738		8.74	<0.01	0.58	4.65	67.7	650	1.35	0.19	4.10	0.35	45.7	5.4	113	17.10	49.7
K311739		5.98	<0.01	0.65	4.51	237	890	1.32	0.17	5.59	0.67	43.2	5.6	125	13.50	61.0
K311740		6.79	<0.01	<0.01	0.05	0.4	20	0.06	0.02	20.0	0.05	1.18	0.8	<1	0.16	1.5
K311741		9.70	<0.01	0.59	4.23	51.2	950	1.34	0.16	5.50	0.57	41.2	5.3	118	14.05	60.7
K311742		9.95	<0.01	0.74	4.54	84.3	880	1.38	0.17	5.29	0.56	44.5	5.9	125	15.25	61.0
K311743		9.06	<0.01	0.81	4.45	113.5	880	1.38	0.17	5.27	0.67	44.7	5.3	139	14.15	64.9
K311744		9.35	<0.01	1.18	4.78	88.4	570	1.44	0.18	3.22	0.58	44.5	6.0	132	14.95	56.0
K311745		10.31	<0.01	2.20	4.89	30.0	470	1.24	0.17	4.28	0.63	43.3	5.2	190	18.30	66.6
K311746		0.15	2.59	0.19	3.92	6280	200	0.92	0.15	12.20	0.16	42.9	11.6	46	10.65	37.6
K311747		11.14	<0.01	2.32	3.88	37.2	490	1.23	0.15	9.07	0.73	35.8	4.8	156	14.95	55.2
K311748		9.76	0.01	2.33	4.19	59.8	670	1.20	0.17	5.28	0.86	39.0	4.9	182	16.45	65.2
K311749		10.21	<0.01	0.82	4.95	57.3	460	1.44	0.20	3.15	0.66	44.5	6.5	125	16.90	57.6
K311750		10.42	<0.01	1.04	4.89	137.0	380	1.38	0.18	4.09	3.82	43.8	6.3	135	14.10	61.5
K311751		9.92	<0.01	0.93	4.97	93.5	600	1.46	0.19	3.81	0.47	47.1	6.4	136	13.85	56.9
K311752		10.91	<0.01	0.72	4.84	150.0	720	1.46	0.19	2.58	0.38	49.3	6.6	119	12.95	54.3
K311753		7.11	<0.01	0.01	0.07	<0.2	20	0.07	0.02	20.7	0.06	1.31	0.6	<1	0.16	1.4
K311754		9.88	<0.01	0.84	5.32	245	730	1.45	0.21	1.31	0.35	51.0	7.2	112	12.70	55.0
K311755		4.88	<0.01	0.87	5.23	976	410	1.38	0.21	0.38	0.62	50.9	6.7	142	13.80	68.7
K311756		10.28	<0.01	0.86	5.39	646	440	1.49	0.21	0.25	0.58	54.8	6.9	135	13.35	61.0
K311757		<0.02	<0.01	0.84	5.34	652	450	1.52	0.21	0.23	0.56	54.7	6.8	133	13.15	59.8
K311758		8.16	<0.01	1.11	5.45	453	580	1.47	0.21	0.92	0.55	51.3	7.1	121	13.30	52.4

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

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

Finalized Date: 20- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101206

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311723		1.05	1.32	0.08	0.7	0.07	0.009	0.22	6.1	4.6	0.28	174	1.81	0.02	1.1	38.1
K311724		1.73	4.99	0.10	1.0	0.29	0.024	0.69	17.0	11.9	1.52	185	4.83	<0.01	3.4	68.7
K311725		1.84	4.12	0.11	1.0	0.15	0.018	0.58	14.9	8.0	1.72	153	4.21	<0.01	2.9	58.8
K311726		2.44	12.70	0.15	2.2	0.74	0.046	1.74	36.6	21.5	0.58	70	7.80	0.06	8.8	121.0
K311727		2.94	12.40	0.16	2.2	0.52	0.046	1.81	36.1	17.5	0.25	78	5.98	0.04	8.4	126.5
K311728		2.34	11.00	0.18	2.0	0.46	0.042	1.50	31.8	15.3	0.26	86	6.09	0.04	8.3	107.5
K311729		3.13	9.51	0.12	1.9	3.88	0.037	1.78	19.8	9.3	1.48	1250	1.60	0.02	6.2	25.0
K311730		2.38	10.60	0.15	2.0	0.56	0.045	1.44	29.1	15.7	0.48	84	5.75	0.04	8.1	94.4
K311731		2.70	11.30	0.16	2.1	0.48	0.048	1.52	31.6	16.4	0.60	89	5.48	0.05	8.3	97.2
K311732		2.49	10.65	0.13	2.1	0.28	0.045	1.42	29.9	15.5	0.47	82	6.25	0.05	8.3	100.5
K311733		2.32	9.44	0.12	1.7	0.22	0.039	1.22	25.7	14.9	0.45	75	3.80	0.04	7.4	77.2
K311734		2.39	9.54	0.14	1.8	0.21	0.041	1.25	27.9	16.4	0.34	101	4.37	0.04	7.6	86.9
K311735		3.06	9.85	0.11	1.9	0.19	0.041	1.33	26.1	13.3	1.30	134	4.61	0.04	7.6	58.3
K311736		3.16	9.86	0.12	1.8	0.20	0.039	1.35	26.1	13.4	1.35	140	4.81	0.04	7.5	59.9
K311737		2.92	12.10	0.16	2.1	0.41	0.053	1.54	29.1	15.9	0.49	72	2.16	0.05	8.8	68.2
K311738		2.47	11.80	0.15	2.0	0.72	0.047	1.54	29.9	12.5	0.55	90	3.47	0.04	8.4	61.2
K311739		2.51	11.10	0.20	2.0	1.92	0.044	1.55	29.9	12.3	0.60	92	4.38	0.04	8.0	78.6
K311740		0.46	0.18	0.10	<0.1	<0.01	0.006	0.02	0.6	1.1	12.60	196	0.06	<0.01	0.1	1.8
K311741		2.41	10.75	0.17	2.0	0.99	0.044	1.41	29.0	12.6	0.65	82	4.22	0.04	7.7	79.5
K311742		2.60	11.40	0.18	2.1	0.73	0.046	1.53	30.9	12.2	0.75	81	5.17	0.04	8.2	83.7
K311743		2.22	11.55	0.19	2.2	1.03	0.051	1.53	33.1	11.7	0.59	72	5.60	0.04	8.4	91.1
K311744		2.52	12.05	0.17	2.0	1.06	0.053	1.63	29.2	16.0	0.49	91	7.27	0.04	8.3	80.9
K311745		2.54	11.60	0.20	1.9	0.42	0.045	1.61	30.4	14.7	0.52	63	7.06	0.04	8.0	114.5
K311746		2.92	9.89	0.14	2.0	16.0	0.037	1.80	21.3	11.6	2.61	1200	1.83	0.02	5.8	26.6
K311747		2.45	9.27	0.16	1.8	0.37	0.037	1.26	27.4	10.1	1.10	103	10.30	0.04	6.5	100.5
K311748		2.69	10.35	0.19	1.8	0.78	0.047	1.37	31.3	10.5	0.49	64	11.60	0.04	7.2	124.0
K311749		2.77	12.20	0.18	2.1	1.15	0.050	1.62	28.4	11.3	0.48	71	5.24	0.04	8.2	92.1
K311750		2.81	12.10	0.19	2.0	1.70	0.055	1.67	29.3	11.6	0.51	88	6.12	0.04	8.3	93.8
K311751		3.01	12.05	0.19	2.2	0.53	0.047	1.77	31.0	11.2	0.68	108	5.67	0.04	8.7	84.0
K311752		2.65	12.40	0.15	2.1	0.69	0.057	1.68	32.5	10.7	0.67	112	2.93	0.04	8.8	71.5
K311753		0.48	0.24	0.13	<0.1	<0.01	0.007	0.02	0.6	1.0	13.20	211	0.13	0.01	0.2	1.9
K311754		2.40	13.85	0.18	2.4	0.62	0.054	1.91	31.6	11.1	0.60	127	6.20	0.04	9.5	66.7
K311755		2.44	13.65	0.19	2.3	3.42	0.053	1.79	35.5	11.5	0.27	49	6.26	0.04	9.4	91.9
K311756		2.25	14.30	0.20	2.4	2.63	0.052	1.90	35.8	12.9	0.25	53	3.25	0.04	9.8	77.1
K311757		2.23	14.00	0.19	2.4	2.71	0.045	1.88	35.6	13.5	0.23	53	3.21	0.04	9.6	76.5
K311758		2.72	13.75	0.16	2.3	2.70	0.059	1.90	31.1	10.6	0.45	132	6.39	0.04	9.3	73.3

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101206

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311723		420	4.6	10.2	0.007	0.23	0.67	3.2	5	0.2	1460	0.07	<0.05	1.3	0.031	0.15
K311724		700	53.0	37.1	0.007	0.19	2.87	5.5	4	0.6	877	0.22	0.05	2.9	0.107	0.41
K311725		520	13.9	31.4	0.011	0.21	1.31	5.3	5	0.5	1035	0.18	0.05	2.3	0.091	0.36
K311726		1180	32.9	101.0	0.024	0.20	2.88	11.7	13	1.4	226	0.57	0.11	7.2	0.302	1.95
K311727		2180	21.5	95.7	0.030	0.24	6.05	12.3	15	1.4	399	0.55	0.11	7.1	0.295	2.02
K311728		640	10.4	85.0	0.024	0.63	4.14	10.6	24	1.2	242	0.52	0.08	6.0	0.269	1.65
K311729		380	9.6	83.1	0.002	2.67	9.22	9.6	1	1.3	748	0.43	0.06	5.5	0.283	9.93
K311730		1010	9.8	84.0	0.021	1.46	1.86	10.5	14	1.2	347	0.52	0.08	5.7	0.266	1.84
K311731		1130	10.3	89.1	0.019	1.42	1.90	11.9	14	1.3	320	0.51	0.09	6.1	0.278	1.55
K311732		870	9.8	84.7	0.020	1.73	1.70	11.0	10	1.2	331	0.50	0.10	5.7	0.266	1.44
K311733		900	8.4	75.4	0.012	1.82	1.40	10.7	9	1.0	474	0.46	0.07	4.8	0.231	1.27
K311734		910	8.6	75.2	0.012	1.12	1.41	11.0	9	1.1	440	0.46	0.07	5.2	0.243	0.90
K311735		1270	10.0	77.7	0.012	1.45	1.51	11.6	6	1.1	513	0.47	0.08	5.4	0.245	1.36
K311736		1370	9.9	77.3	0.013	1.48	1.57	11.0	6	1.1	517	0.48	0.08	5.3	0.249	1.32
K311737		1030	11.6	98.3	0.005	2.49	1.49	11.8	8	1.4	337	0.57	0.10	6.5	0.293	1.44
K311738		930	10.7	95.3	0.011	1.72	1.64	11.7	7	1.3	256	0.53	0.09	6.5	0.285	1.42
K311739		1170	11.2	87.8	0.013	1.70	2.35	12.1	8	1.3	303	0.52	0.09	6.2	0.272	1.97
K311740		160	1.4	1.1	<0.002	0.02	0.10	0.2	<1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	<0.02
K311741		1060	9.7	87.1	0.016	1.74	1.82	11.4	7	1.3	380	0.51	0.09	5.9	0.255	2.02
K311742		1260	10.4	92.7	0.011	1.91	2.10	11.8	8	1.3	403	0.51	0.13	6.4	0.275	1.50
K311743		820	10.2	92.7	0.013	1.83	2.53	11.6	10	1.3	328	0.52	0.11	6.6	0.275	1.40
K311744		1110	12.5	94.1	0.021	2.23	2.87	12.1	9	1.3	270	0.53	0.13	6.3	0.279	1.77
K311745		1410	10.2	94.9	0.014	2.37	1.95	12.3	14	1.3	404	0.50	0.09	6.1	0.288	2.03
K311746		440	11.4	90.4	0.004	2.61	22.1	10.8	1	1.5	326	0.42	<0.05	6.3	0.275	43.4
K311747		1590	8.6	76.0	0.020	2.43	2.11	9.8	16	1.1	698	0.42	0.09	5.3	0.224	2.77
K311748		1640	10.0	85.8	0.021	2.81	2.40	11.8	16	1.2	471	0.48	0.15	5.7	0.249	4.60
K311749		1240	11.9	96.5	0.013	2.80	2.55	11.9	11	1.4	295	0.53	0.08	6.3	0.285	4.60
K311750		1110	17.1	96.8	0.015	2.83	5.19	12.1	11	1.4	261	0.54	0.11	6.3	0.286	3.84
K311751		940	12.5	100.5	0.012	2.51	2.26	12.7	9	1.4	195.5	0.58	0.12	6.7	0.297	4.97
K311752		800	12.6	99.7	0.012	1.87	1.95	12.1	7	1.4	175.5	0.56	0.14	7.1	0.297	5.09
K311753		160	1.3	1.1	<0.002	0.01	0.11	0.2	<1	<0.2	51.7	<0.05	<0.05	<0.2	<0.005	0.02
K311754		900	13.4	108.0	0.021	1.93	2.88	12.3	5	1.5	110.5	0.61	0.17	7.2	0.321	2.02
K311755		910	15.5	105.0	0.010	2.44	2.68	9.7	9	1.6	98.6	0.58	0.07	7.2	0.316	9.94
K311756		670	16.7	111.5	0.010	2.23	2.39	10.5	6	1.6	90.5	0.65	0.08	8.0	0.336	4.30
K311757		660	16.6	110.5	0.014	2.22	2.36	10.4	6	1.5	90.7	0.63	0.09	7.8	0.327	4.38
K311758		1150	17.5	107.0	0.010	2.60	2.60	11.4	7	1.5	127.5	0.59	0.12	7.1	0.325	4.91

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

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

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

Finalized Date: 20- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101206

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K311723		2.1	65	1.3	21.6	229	34.1
K311724		4.7	124	1.9	21.6	393	43.9
K311725		4.7	119	0.8	23.2	256	48.3
K311726		6.0	246	1.5	26.4	401	81.8
K311727		6.5	254	2.5	40.2	403	83.4
K311728		5.8	204	1.7	28.4	294	78.1
K311729		2.3	78	5.3	17.5	47	68.9
K311730		6.0	200	1.1	31.1	261	80.5
K311731		6.4	216	1.1	36.0	283	83.0
K311732		6.1	204	1.1	32.2	242	81.5
K311733		4.6	190	1.0	32.1	196	76.8
K311734		5.1	196	1.0	33.2	264	78.9
K311735		5.0	208	1.0	29.1	153	78.4
K311736		4.9	212	1.1	28.5	153	78.0
K311737		4.0	211	1.2	28.1	182	78.5
K311738		4.5	215	1.6	27.2	184	76.7
K311739		6.1	212	2.3	30.2	278	78.8
K311740		0.6	2	0.1	0.8	17	<0.5
K311741		5.8	207	1.3	29.9	262	77.1
K311742		7.2	216	1.3	33.4	254	84.2
K311743		7.6	207	2.1	31.6	276	82.0
K311744		6.6	240	2.0	28.8	253	75.0
K311745		6.4	222	1.1	33.2	379	75.8
K311746		6.9	86	7.4	18.3	46	69.0
K311747		6.3	195	0.9	29.4	320	68.4
K311748		8.1	224	1.0	34.5	388	70.1
K311749		6.4	239	1.2	28.0	301	71.1
K311750		7.0	242	2.5	29.3	795	73.6
K311751		6.6	235	1.7	29.3	247	82.1
K311752		5.1	224	1.6	29.9	213	81.6
K311753		0.6	2	0.1	0.8	17	0.5
K311754		6.9	251	2.1	25.1	175	85.1
K311755		8.2	258	2.3	29.4	280	89.7
K311756		6.4	259	3.1	28.2	204	90.7
K311757		6.3	253	3.1	28.5	204	88.6
K311758		6.9	275	2.1	27.4	215	83.8

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

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

Finalized Date: 20- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14101206

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 22	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- 31d	PUL- QC	WSH- 22	

ALS Canada Ltd.

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

Finalized Date: 21- JUL- 2014
Account: RCM

CERTIFICATE WH14103096

Project: NADALEEN

P.O. No.: 14- 004

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

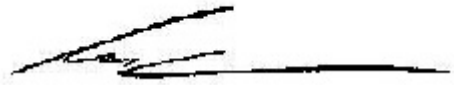
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311759		9.62	0.01	2.07	4.20	437	860	1.32	0.20	5.50	1.05	40.7	5.5	145	11.05	56.8
K311760		9.41	0.02	2.10	3.63	286	540	1.20	0.15	7.45	0.95	33.1	4.6	150	10.45	56.8
K311761		6.26	0.01	2.02	3.98	379	510	1.28	0.18	0.37	0.71	37.6	5.6	144	10.45	49.0
K311762		8.81	<0.01	2.10	4.64	370	590	1.61	0.21	0.36	0.68	41.9	5.9	170	13.05	54.3
K311763		0.27	2.56	0.19	3.71	5930	200	1.01	0.13	11.65	0.15	39.1	11.8	44	10.10	35.4
K311764		8.64	<0.01	2.96	4.91	338	570	1.79	0.25	0.51	0.78	48.2	6.9	182	14.05	60.2
K311765		6.64	<0.01	3.17	4.47	255	580	1.61	0.25	0.76	1.09	41.8	5.6	204	13.65	56.0
K311766		6.22	<0.01	3.28	3.89	213	510	1.37	0.19	1.84	0.96	37.1	4.9	215	10.20	62.0
K311767		0.02	<0.01	3.42	4.12	222	530	1.43	0.21	1.89	1.18	38.4	5.1	229	10.15	61.6
K311768		5.84	<0.01	3.85	3.19	181.0	560	1.00	0.13	9.00	1.50	32.2	4.2	201	8.37	66.7
K311769		9.50	0.01	6.16	3.21	148.0	590	1.48	0.16	5.12	18.70	29.5	4.5	251	8.28	97.0
K311770		9.41	<0.01	3.10	3.76	148.0	610	1.53	0.18	3.32	10.95	31.6	6.2	154	8.20	80.5
K311771		9.39	0.01	1.47	5.00	350	620	2.16	0.26	0.56	4.96	61.4	8.6	117	13.05	100.5
K311772		10.26	0.05	1.35	4.90	382	580	1.97	0.22	0.29	2.60	61.5	7.8	118	11.55	97.8
K311773		10.64	<0.01	1.30	4.67	114.5	1580	1.89	0.22	0.28	2.49	47.1	7.5	104	11.50	91.9
K311774		9.88	<0.01	1.29	4.93	197.5	880	2.16	0.23	0.27	2.41	55.4	8.4	115	12.95	101.5
K311775		0.26	0.50	0.10	3.45	2400	200	0.96	0.14	17.10	0.11	37.8	11.1	40	9.71	43.1
K311776		10.34	<0.01	1.28	4.92	533	600	2.07	0.23	0.29	2.37	55.4	8.2	113	12.55	93.9
K311777		9.85	<0.01	1.54	4.73	1345	500	2.25	0.26	0.28	2.85	66.7	10.0	113	13.65	103.5
K311778		9.84	<0.01	1.49	4.57	934	480	1.81	0.19	0.23	2.42	56.5	7.7	121	9.34	92.4
K311779		7.94	<0.01	0.01	0.07	2.8	350	0.05	0.04	19.65	0.06	1.23	0.7	1	0.15	1.9
K311780		8.73	<0.01	1.36	4.48	618	490	1.57	0.19	0.30	2.34	53.7	8.0	112	9.26	85.7
K311781		10.32	<0.01	1.22	4.57	228	510	1.91	0.21	0.28	2.45	56.6	7.8	111	11.00	90.8
K311782		9.83	<0.01	1.28	4.49	149.5	570	1.84	0.19	0.29	2.41	52.7	7.2	111	10.50	88.8
K311783		8.81	<0.01	1.24	4.56	1305	410	1.84	0.19	0.24	2.72	51.3	9.4	113	11.30	88.0
K311784		9.11	<0.01	0.93	5.21	447	510	2.14	0.22	0.23	1.84	60.3	10.0	97	13.50	84.1
K311785		9.14	<0.01	0.85	5.49	142.0	440	2.45	0.24	0.28	1.84	66.5	10.3	95	15.25	85.9
K311786		10.47	<0.01	0.91	5.49	396	430	2.36	0.25	0.26	2.15	63.7	10.5	106	14.50	91.5
K311787		6.87	<0.01	0.01	0.05	1.1	40	0.05	0.03	19.45	0.06	0.99	0.6	1	0.11	3.2
K311788		7.61	<0.01	0.79	5.02	1210	440	2.00	0.23	0.20	1.95	60.5	12.2	95	13.45	81.1
K311789		11.51	<0.01	0.80	4.87	1425	310	1.69	0.21	0.10	3.33	54.9	11.2	97	14.10	81.2
K311790		6.19	<0.01	0.86	4.95	1390	340	1.77	0.22	0.10	3.30	56.0	11.1	97	14.80	82.3
K311791		8.90	0.01	1.77	4.15	803	1350	1.54	0.18	0.08	2.97	47.6	3.1	86	15.15	24.3
K311792		10.19	<0.01	1.58	3.83	817	3520	1.86	0.17	0.14	0.37	42.2	0.7	83	15.40	29.2
K311793		10.00	0.01	1.29	4.51	451	1950	1.48	0.23	0.16	0.39	52.4	0.7	89	15.65	37.6
K311794		10.98	<0.01	0.50	4.93	259	870	1.70	0.24	0.16	0.15	50.6	0.8	75	15.35	44.4

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311759		2.18	11.20	0.16	1.9	1.65	0.049	1.48	28.3	11.1	0.33	58	8.59	0.04	7.7	100.0
K311760		2.23	9.33	0.14	1.7	2.73	0.037	1.28	24.4	11.6	0.37	65	9.08	0.03	6.7	114.5
K311761		2.47	10.80	0.13	1.8	1.00	0.048	1.32	25.3	15.5	0.20	45	7.40	0.03	8.1	84.0
K311762		2.79	12.20	0.17	2.0	0.52	0.052	1.53	29.2	15.0	0.24	35	5.22	0.04	8.9	86.4
K311763		2.76	9.72	0.10	2.0	16.8	0.033	1.69	19.3	11.5	2.51	1080	1.80	0.02	5.9	26.2
K311764		3.25	13.90	0.22	2.2	0.33	0.050	1.65	33.0	14.0	0.26	46	6.21	0.04	9.7	95.5
K311765		2.78	11.95	0.19	1.9	0.21	0.051	1.47	31.7	13.7	0.24	40	7.45	0.03	8.7	95.1
K311766		2.49	10.90	0.19	1.7	0.25	0.043	1.31	28.3	11.7	0.22	46	7.54	0.03	7.9	105.0
K311767		2.60	10.95	0.18	1.8	0.24	0.046	1.38	29.6	12.1	0.23	50	7.67	0.03	8.0	108.5
K311768		1.81	8.72	0.19	1.7	0.82	0.036	1.04	27.5	14.4	0.19	111	18.95	0.02	6.5	117.5
K311769		1.74	9.09	0.21	1.5	0.38	0.043	1.13	25.7	14.9	0.25	53	29.4	0.03	5.7	173.5
K311770		1.93	9.90	0.17	1.5	0.13	0.045	1.15	20.3	22.0	0.24	77	17.55	0.03	6.0	148.5
K311771		2.78	17.15	0.19	3.0	0.51	0.057	1.89	33.1	24.7	0.35	56	10.80	0.03	21.0	94.4
K311772		3.07	16.05	0.16	2.8	0.60	0.050	1.88	34.7	22.3	0.34	54	10.45	0.03	19.9	90.0
K311773		2.88	14.55	0.16	2.6	0.23	0.053	1.82	20.3	19.8	0.33	51	9.54	0.03	18.9	83.4
K311774		3.12	15.65	0.18	2.8	0.21	0.057	1.94	27.3	21.0	0.36	58	10.50	0.03	20.0	89.9
K311775		2.80	9.39	0.11	1.8	3.94	0.037	1.59	17.8	8.7	1.34	1110	1.61	0.02	6.0	24.5
K311776		3.28	15.45	0.16	2.6	0.31	0.057	1.90	28.8	20.3	0.34	55	9.24	0.03	19.4	87.5
K311777		3.50	17.50	0.20	3.1	1.42	0.062	1.78	38.0	24.6	0.33	54	10.90	0.03	21.7	107.5
K311778		3.45	13.95	0.18	2.6	1.11	0.045	1.75	32.0	18.2	0.32	43	12.50	0.03	18.2	104.5
K311779		0.49	0.17	0.06	<0.1	<0.01	<0.005	0.03	0.6	1.0	12.70	204	0.08	0.01	0.2	1.5
K311780		3.18	13.40	0.14	2.7	0.73	0.047	1.73	30.8	16.4	0.33	41	11.20	0.03	17.3	97.3
K311781		2.69	14.25	0.17	2.6	0.34	0.050	1.79	32.1	17.6	0.32	44	11.10	0.03	18.9	91.4
K311782		2.75	13.40	0.15	2.5	0.30	0.047	1.69	30.1	18.1	0.31	44	10.90	0.03	17.9	89.6
K311783		3.49	13.40	0.14	2.4	1.48	0.043	1.65	29.4	18.1	0.30	50	10.30	0.03	17.6	108.0
K311784		3.26	15.50	0.14	2.7	0.38	0.049	2.01	32.4	21.1	0.37	49	7.82	0.03	17.9	83.8
K311785		3.06	16.55	0.16	2.9	0.27	0.062	2.08	35.2	24.8	0.39	50	8.88	0.03	19.8	77.6
K311786		3.05	16.30	0.15	2.9	0.67	0.056	2.17	34.8	22.1	0.41	49	8.84	0.03	20.0	89.1
K311787		0.46	0.14	0.06	<0.1	<0.01	<0.005	0.02	0.5	1.0	12.55	199	0.19	<0.01	0.1	1.3
K311788		3.34	14.95	0.14	2.5	3.27	0.054	1.97	33.9	20.5	0.39	46	8.17	0.03	17.8	104.5
K311789		3.16	14.20	0.16	2.4	5.29	0.053	1.95	30.3	18.3	0.36	42	14.15	0.03	14.7	108.0
K311790		3.20	14.85	0.15	2.4	5.16	0.061	2.00	30.9	19.3	0.36	44	15.45	0.03	15.2	106.0
K311791		2.18	13.50	0.17	1.9	4.91	0.042	1.88	27.4	15.5	0.35	19	26.7	0.03	9.7	43.3
K311792		2.32	12.10	0.15	1.8	6.49	0.045	1.71	24.8	17.9	0.34	15	47.8	0.02	8.1	36.5
K311793		1.57	14.75	0.17	2.1	9.52	0.048	1.94	32.3	16.5	0.34	16	31.1	0.03	11.2	22.1
K311794		2.39	14.50	0.13	2.3	2.74	0.053	2.36	27.2	13.6	0.38	17	34.5	0.04	13.1	13.6

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

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311759		1330	15.4	77.2	0.019	2.32	2.70	9.5	14	1.3	345	0.50	0.11	5.6	0.259	6.01
K311760		1090	14.3	63.6	0.016	2.49	4.88	9.0	16	1.1	380	0.43	0.13	4.7	0.223	4.05
K311761		1180	12.2	73.0	0.016	2.67	2.62	6.4	11	1.2	110.5	0.52	0.20	5.3	0.237	1.62
K311762		1350	12.5	83.8	0.011	2.98	2.42	8.6	13	1.4	89.5	0.57	0.20	6.0	0.277	1.43
K311763		420	13.1	78.5	<0.002	2.49	22.4	10.2	2	1.5	310	0.41	<0.05	5.8	0.259	40.9
K311764		1710	14.9	92.7	0.008	3.54	3.25	9.4	17	1.6	114.5	0.62	0.27	6.9	0.293	1.16
K311765		1660	12.0	81.9	0.016	3.01	2.90	8.5	18	1.3	121.0	0.55	0.25	6.0	0.266	0.79
K311766		1510	11.3	72.3	0.014	2.73	2.82	8.0	20	1.3	110.0	0.50	0.28	5.3	0.234	1.54
K311767		1600	16.2	74.4	0.015	2.86	2.95	8.1	20	1.3	114.5	0.51	0.26	5.5	0.248	1.68
K311768		1740	14.1	52.7	0.056	1.97	4.45	8.6	21	1.0	301	0.41	0.15	4.4	0.198	1.76
K311769		6640	15.9	59.3	0.083	2.11	16.60	8.5	41	1.0	271	0.37	0.14	4.3	0.181	1.91
K311770		>10000	11.5	60.8	0.061	2.27	13.55	7.0	29	1.2	229	0.37	0.16	4.7	0.188	1.17
K311771		2370	16.6	95.7	0.011	2.96	11.85	9.1	13	1.8	109.0	1.18	0.16	8.3	0.335	2.67
K311772		1180	15.8	88.5	0.009	3.28	10.20	8.2	10	1.7	83.6	1.14	0.15	8.3	0.334	2.86
K311773		1120	14.9	84.7	0.005	3.08	6.86	8.5	8	1.6	79.5	1.10	0.14	6.8	0.318	1.36
K311774		1040	17.8	92.9	0.006	3.29	7.33	9.6	9	1.8	75.7	1.15	0.15	7.6	0.337	1.45
K311775		350	8.8	73.2	<0.002	2.39	9.28	9.0	1	1.3	681	0.43	0.05	5.2	0.250	9.91
K311776		1050	15.2	90.4	0.007	3.48	16.70	8.4	8	1.7	74.3	1.13	0.13	7.5	0.333	2.58
K311777		1150	18.3	96.7	0.007	3.77	18.80	8.3	11	2.0	86.0	1.26	0.18	9.2	0.324	9.68
K311778		1050	13.7	74.9	0.008	3.75	13.25	6.7	11	1.6	88.1	1.05	0.12	7.5	0.315	4.95
K311779		190	2.0	0.9	<0.002	0.04	0.08	0.2	<1	<0.2	54.2	<0.05	<0.05	<0.2	0.007	0.02
K311780		1150	13.5	73.9	0.006	3.50	10.05	5.9	9	1.5	74.1	1.02	0.13	7.4	0.302	2.66
K311781		1130	14.3	78.8	0.007	2.89	8.31	7.4	9	1.6	64.0	1.08	0.14	7.8	0.310	2.44
K311782		1130	13.3	74.9	0.007	2.98	7.32	8.3	9	1.5	63.1	1.04	0.14	7.1	0.308	2.48
K311783		1140	12.9	72.4	0.007	3.76	14.85	6.4	9	1.6	96.3	1.00	0.13	6.8	0.306	6.44
K311784		950	16.8	89.7	0.008	3.46	7.89	7.9	8	1.7	63.8	1.03	0.12	8.4	0.335	2.52
K311785		1090	15.8	95.6	0.009	3.20	5.53	8.7	7	1.7	60.7	1.18	0.12	9.2	0.358	1.97
K311786		1150	17.0	94.3	0.006	3.23	8.98	8.3	8	1.8	78.6	1.18	0.12	8.9	0.363	4.25
K311787		180	1.6	0.7	<0.002	0.02	0.05	0.1	<1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02
K311788		990	14.4	86.7	0.007	3.57	19.15	7.0	8	1.6	155.0	1.05	0.11	7.9	0.332	7.10
K311789		790	14.5	84.9	0.011	3.39	25.0	7.2	8	1.5	239	0.90	0.12	7.2	0.303	11.20
K311790		780	14.9	90.4	0.014	3.46	26.3	7.6	9	1.6	239	0.88	0.12	7.4	0.299	11.20
K311791		620	13.5	86.0	0.013	0.96	19.35	7.1	24	1.5	206	0.62	0.15	6.5	0.253	5.56
K311792		750	12.7	77.9	0.005	0.33	16.35	7.1	16	1.5	231	0.53	0.16	5.7	0.234	3.90
K311793		920	36.8	85.3	0.050	0.33	21.6	7.5	9	1.9	317	0.67	0.15	6.4	0.279	9.44
K311794		720	16.2	100.0	0.014	0.54	7.56	8.1	7	1.6	239	0.77	0.08	7.7	0.324	7.47

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K311759		6.5	208	2.6	28.5	369	63.2
K311760		6.4	198	3.2	27.9	346	62.0
K311761		5.5	257	2.1	25.7	236	60.7
K311762		5.5	300	1.9	30.4	270	66.8
K311763		6.3	82	7.3	18.6	47	62.1
K311764		6.1	338	2.1	35.7	287	75.5
K311765		6.2	323	1.8	34.7	306	65.1
K311766		6.5	288	1.6	34.3	335	58.9
K311767		6.7	302	1.7	35.6	360	60.6
K311768		13.4	218	2.0	29.9	324	60.1
K311769		19.7	885	1.2	42.0	1320	55.6
K311770		10.4	560	1.4	31.6	996	51.6
K311771		9.1	636	2.9	36.9	570	109.0
K311772		7.2	620	2.8	34.3	477	104.5
K311773		6.2	562	2.8	31.7	444	96.2
K311774		6.6	547	2.7	30.7	446	101.5
K311775		2.2	72	5.0	16.5	47	54.8
K311776		7.3	571	3.0	31.4	444	99.8
K311777		8.5	585	3.5	40.8	468	113.0
K311778		7.3	579	2.6	33.8	470	96.3
K311779		0.5	6	0.1	0.8	19	<0.5
K311780		7.0	556	2.5	33.7	460	93.9
K311781		7.4	573	2.7	35.9	442	98.5
K311782		6.8	574	2.5	35.2	476	94.5
K311783		7.0	569	2.6	31.0	463	93.1
K311784		6.8	453	3.0	29.8	381	97.0
K311785		7.6	463	3.6	38.6	392	110.0
K311786		8.1	551	3.3	35.6	465	103.0
K311787		0.9	4	0.1	0.7	17	<0.5
K311788		7.6	484	3.1	28.7	410	93.1
K311789		6.1	523	2.8	21.4	397	81.4
K311790		6.3	534	2.8	21.7	376	83.8
K311791		5.0	742	3.0	25.4	141	66.9
K311792		5.1	911	3.8	25.2	136	60.9
K311793		8.1	643	4.0	22.3	43	72.0
K311794		5.7	455	2.7	22.8	36	114.0

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- 31d	PUL- QC	WSH- 22	

ALS Canada Ltd.

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

Finalized Date: 21- JUL- 2014
This copy reported on 23- JUL- 2014
Account: RCM

CERTIFICATE WH14103096

Project: NADALEEN

P.O. No.: 14- 004

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

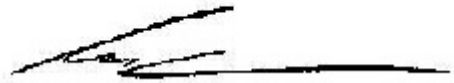
ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

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

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

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

Comments: ***Corrected copy with WSH- 22 removed***

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311759		9.62	0.01	2.07	4.20	437	860	1.32	0.20	5.50	1.05	40.7	5.5	145	11.05	56.8
K311760		9.41	0.02	2.10	3.63	286	540	1.20	0.15	7.45	0.95	33.1	4.6	150	10.45	56.8
K311761		6.26	0.01	2.02	3.98	379	510	1.28	0.18	0.37	0.71	37.6	5.6	144	10.45	49.0
K311762		8.81	<0.01	2.10	4.64	370	590	1.61	0.21	0.36	0.68	41.9	5.9	170	13.05	54.3
K311763		0.27	2.56	0.19	3.71	5930	200	1.01	0.13	11.65	0.15	39.1	11.8	44	10.10	35.4
K311764		8.64	<0.01	2.96	4.91	338	570	1.79	0.25	0.51	0.78	48.2	6.9	182	14.05	60.2
K311765		6.64	<0.01	3.17	4.47	255	580	1.61	0.25	0.76	1.09	41.8	5.6	204	13.65	56.0
K311766		6.22	<0.01	3.28	3.89	213	510	1.37	0.19	1.84	0.96	37.1	4.9	215	10.20	62.0
K311767		0.02	<0.01	3.42	4.12	222	530	1.43	0.21	1.89	1.18	38.4	5.1	229	10.15	61.6
K311768		5.84	<0.01	3.85	3.19	181.0	560	1.00	0.13	9.00	1.50	32.2	4.2	201	8.37	66.7
K311769		9.50	0.01	6.16	3.21	148.0	590	1.48	0.16	5.12	18.70	29.5	4.5	251	8.28	97.0
K311770		9.41	<0.01	3.10	3.76	148.0	610	1.53	0.18	3.32	10.95	31.6	6.2	154	8.20	80.5
K311771		9.39	0.01	1.47	5.00	350	620	2.16	0.26	0.56	4.96	61.4	8.6	117	13.05	100.5
K311772		10.26	0.05	1.35	4.90	382	580	1.97	0.22	0.29	2.60	61.5	7.8	118	11.55	97.8
K311773		10.64	<0.01	1.30	4.67	114.5	1580	1.89	0.22	0.28	2.49	47.1	7.5	104	11.50	91.9
K311774		9.88	<0.01	1.29	4.93	197.5	880	2.16	0.23	0.27	2.41	55.4	8.4	115	12.95	101.5
K311775		0.26	0.50	0.10	3.45	2400	200	0.96	0.14	17.10	0.11	37.8	11.1	40	9.71	43.1
K311776		10.34	<0.01	1.28	4.92	533	600	2.07	0.23	0.29	2.37	55.4	8.2	113	12.55	93.9
K311777		9.85	<0.01	1.54	4.73	1345	500	2.25	0.26	0.28	2.85	66.7	10.0	113	13.65	103.5
K311778		9.84	<0.01	1.49	4.57	934	480	1.81	0.19	0.23	2.42	56.5	7.7	121	9.34	92.4
K311779		7.94	<0.01	0.01	0.07	2.8	350	0.05	0.04	19.65	0.06	1.23	0.7	1	0.15	1.9
K311780		8.73	<0.01	1.36	4.48	618	490	1.57	0.19	0.30	2.34	53.7	8.0	112	9.26	85.7
K311781		10.32	<0.01	1.22	4.57	228	510	1.91	0.21	0.28	2.45	56.6	7.8	111	11.00	90.8
K311782		9.83	<0.01	1.28	4.49	149.5	570	1.84	0.19	0.29	2.41	52.7	7.2	111	10.50	88.8
K311783		8.81	<0.01	1.24	4.56	1305	410	1.84	0.19	0.24	2.72	51.3	9.4	113	11.30	88.0
K311784		9.11	<0.01	0.93	5.21	447	510	2.14	0.22	0.23	1.84	60.3	10.0	97	13.50	84.1
K311785		9.14	<0.01	0.85	5.49	142.0	440	2.45	0.24	0.28	1.84	66.5	10.3	95	15.25	85.9
K311786		10.47	<0.01	0.91	5.49	396	430	2.36	0.25	0.26	2.15	63.7	10.5	106	14.50	91.5
K311787		6.87	<0.01	0.01	0.05	1.1	40	0.05	0.03	19.45	0.06	0.99	0.6	1	0.11	3.2
K311788		7.61	<0.01	0.79	5.02	1210	440	2.00	0.23	0.20	1.95	60.5	12.2	95	13.45	81.1
K311789		11.51	<0.01	0.80	4.87	1425	310	1.69	0.21	0.10	3.33	54.9	11.2	97	14.10	81.2
K311790		6.19	<0.01	0.86	4.95	1390	340	1.77	0.22	0.10	3.30	56.0	11.1	97	14.80	82.3
K311791		8.90	0.01	1.77	4.15	803	1350	1.54	0.18	0.08	2.97	47.6	3.1	86	15.15	24.3
K311792		10.19	<0.01	1.58	3.83	817	3520	1.86	0.17	0.14	0.37	42.2	0.7	83	15.40	29.2
K311793		10.00	0.01	1.29	4.51	451	1950	1.48	0.23	0.16	0.39	52.4	0.7	89	15.65	37.6
K311794		10.98	<0.01	0.50	4.93	259	870	1.70	0.24	0.16	0.15	50.6	0.8	75	15.35	44.4

Comments: ***Corrected copy with WSH-22 removed***

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

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311759		2.18	11.20	0.16	1.9	1.65	0.049	1.48	28.3	11.1	0.33	58	8.59	0.04	7.7	100.0
K311760		2.23	9.33	0.14	1.7	2.73	0.037	1.28	24.4	11.6	0.37	65	9.08	0.03	6.7	114.5
K311761		2.47	10.80	0.13	1.8	1.00	0.048	1.32	25.3	15.5	0.20	45	7.40	0.03	8.1	84.0
K311762		2.79	12.20	0.17	2.0	0.52	0.052	1.53	29.2	15.0	0.24	35	5.22	0.04	8.9	86.4
K311763		2.76	9.72	0.10	2.0	16.8	0.033	1.69	19.3	11.5	2.51	1080	1.80	0.02	5.9	26.2
K311764		3.25	13.90	0.22	2.2	0.33	0.050	1.65	33.0	14.0	0.26	46	6.21	0.04	9.7	95.5
K311765		2.78	11.95	0.19	1.9	0.21	0.051	1.47	31.7	13.7	0.24	40	7.45	0.03	8.7	95.1
K311766		2.49	10.90	0.19	1.7	0.25	0.043	1.31	28.3	11.7	0.22	46	7.54	0.03	7.9	105.0
K311767		2.60	10.95	0.18	1.8	0.24	0.046	1.38	29.6	12.1	0.23	50	7.67	0.03	8.0	108.5
K311768		1.81	8.72	0.19	1.7	0.82	0.036	1.04	27.5	14.4	0.19	111	18.95	0.02	6.5	117.5
K311769		1.74	9.09	0.21	1.5	0.38	0.043	1.13	25.7	14.9	0.25	53	29.4	0.03	5.7	173.5
K311770		1.93	9.90	0.17	1.5	0.13	0.045	1.15	20.3	22.0	0.24	77	17.55	0.03	6.0	148.5
K311771		2.78	17.15	0.19	3.0	0.51	0.057	1.89	33.1	24.7	0.35	56	10.80	0.03	21.0	94.4
K311772		3.07	16.05	0.16	2.8	0.60	0.050	1.88	34.7	22.3	0.34	54	10.45	0.03	19.9	90.0
K311773		2.88	14.55	0.16	2.6	0.23	0.053	1.82	20.3	19.8	0.33	51	9.54	0.03	18.9	83.4
K311774		3.12	15.65	0.18	2.8	0.21	0.057	1.94	27.3	21.0	0.36	58	10.50	0.03	20.0	89.9
K311775		2.80	9.39	0.11	1.8	3.94	0.037	1.59	17.8	8.7	1.34	1110	1.61	0.02	6.0	24.5
K311776		3.28	15.45	0.16	2.6	0.31	0.057	1.90	28.8	20.3	0.34	55	9.24	0.03	19.4	87.5
K311777		3.50	17.50	0.20	3.1	1.42	0.062	1.78	38.0	24.6	0.33	54	10.90	0.03	21.7	107.5
K311778		3.45	13.95	0.18	2.6	1.11	0.045	1.75	32.0	18.2	0.32	43	12.50	0.03	18.2	104.5
K311779		0.49	0.17	0.06	<0.1	<0.01	<0.005	0.03	0.6	1.0	12.70	204	0.08	0.01	0.2	1.5
K311780		3.18	13.40	0.14	2.7	0.73	0.047	1.73	30.8	16.4	0.33	41	11.20	0.03	17.3	97.3
K311781		2.69	14.25	0.17	2.6	0.34	0.050	1.79	32.1	17.6	0.32	44	11.10	0.03	18.9	91.4
K311782		2.75	13.40	0.15	2.5	0.30	0.047	1.69	30.1	18.1	0.31	44	10.90	0.03	17.9	89.6
K311783		3.49	13.40	0.14	2.4	1.48	0.043	1.65	29.4	18.1	0.30	50	10.30	0.03	17.6	108.0
K311784		3.26	15.50	0.14	2.7	0.38	0.049	2.01	32.4	21.1	0.37	49	7.82	0.03	17.9	83.8
K311785		3.06	16.55	0.16	2.9	0.27	0.062	2.08	35.2	24.8	0.39	50	8.88	0.03	19.8	77.6
K311786		3.05	16.30	0.15	2.9	0.67	0.056	2.17	34.8	22.1	0.41	49	8.84	0.03	20.0	89.1
K311787		0.46	0.14	0.06	<0.1	<0.01	<0.005	0.02	0.5	1.0	12.55	199	0.19	<0.01	0.1	1.3
K311788		3.34	14.95	0.14	2.5	3.27	0.054	1.97	33.9	20.5	0.39	46	8.17	0.03	17.8	104.5
K311789		3.16	14.20	0.16	2.4	5.29	0.053	1.95	30.3	18.3	0.36	42	14.15	0.03	14.7	108.0
K311790		3.20	14.85	0.15	2.4	5.16	0.061	2.00	30.9	19.3	0.36	44	15.45	0.03	15.2	106.0
K311791		2.18	13.50	0.17	1.9	4.91	0.042	1.88	27.4	15.5	0.35	19	26.7	0.03	9.7	43.3
K311792		2.32	12.10	0.15	1.8	6.49	0.045	1.71	24.8	17.9	0.34	15	47.8	0.02	8.1	36.5
K311793		1.57	14.75	0.17	2.1	9.52	0.048	1.94	32.3	16.5	0.34	16	31.1	0.03	11.2	22.1
K311794		2.39	14.50	0.13	2.3	2.74	0.053	2.36	27.2	13.6	0.38	17	34.5	0.04	13.1	13.6

Comments: ***Corrected copy with WSH-22 removed***

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311759		1330	15.4	77.2	0.019	2.32	2.70	9.5	14	1.3	345	0.50	0.11	5.6	0.259	6.01
K311760		1090	14.3	63.6	0.016	2.49	4.88	9.0	16	1.1	380	0.43	0.13	4.7	0.223	4.05
K311761		1180	12.2	73.0	0.016	2.67	2.62	6.4	11	1.2	110.5	0.52	0.20	5.3	0.237	1.62
K311762		1350	12.5	83.8	0.011	2.98	2.42	8.6	13	1.4	89.5	0.57	0.20	6.0	0.277	1.43
K311763		420	13.1	78.5	<0.002	2.49	22.4	10.2	2	1.5	310	0.41	<0.05	5.8	0.259	40.9
K311764		1710	14.9	92.7	0.008	3.54	3.25	9.4	17	1.6	114.5	0.62	0.27	6.9	0.293	1.16
K311765		1660	12.0	81.9	0.016	3.01	2.90	8.5	18	1.3	121.0	0.55	0.25	6.0	0.266	0.79
K311766		1510	11.3	72.3	0.014	2.73	2.82	8.0	20	1.3	110.0	0.50	0.28	5.3	0.234	1.54
K311767		1600	16.2	74.4	0.015	2.86	2.95	8.1	20	1.3	114.5	0.51	0.26	5.5	0.248	1.68
K311768		1740	14.1	52.7	0.056	1.97	4.45	8.6	21	1.0	301	0.41	0.15	4.4	0.198	1.76
K311769		6640	15.9	59.3	0.083	2.11	16.60	8.5	41	1.0	271	0.37	0.14	4.3	0.181	1.91
K311770		>10000	11.5	60.8	0.061	2.27	13.55	7.0	29	1.2	229	0.37	0.16	4.7	0.188	1.17
K311771		2370	16.6	95.7	0.011	2.96	11.85	9.1	13	1.8	109.0	1.18	0.16	8.3	0.335	2.67
K311772		1180	15.8	88.5	0.009	3.28	10.20	8.2	10	1.7	83.6	1.14	0.15	8.3	0.334	2.86
K311773		1120	14.9	84.7	0.005	3.08	6.86	8.5	8	1.6	79.5	1.10	0.14	6.8	0.318	1.36
K311774		1040	17.8	92.9	0.006	3.29	7.33	9.6	9	1.8	75.7	1.15	0.15	7.6	0.337	1.45
K311775		350	8.8	73.2	<0.002	2.39	9.28	9.0	1	1.3	681	0.43	0.05	5.2	0.250	9.91
K311776		1050	15.2	90.4	0.007	3.48	16.70	8.4	8	1.7	74.3	1.13	0.13	7.5	0.333	2.58
K311777		1150	18.3	96.7	0.007	3.77	18.80	8.3	11	2.0	86.0	1.26	0.18	9.2	0.324	9.68
K311778		1050	13.7	74.9	0.008	3.75	13.25	6.7	11	1.6	88.1	1.05	0.12	7.5	0.315	4.95
K311779		190	2.0	0.9	<0.002	0.04	0.08	0.2	<1	<0.2	54.2	<0.05	<0.05	<0.2	0.007	0.02
K311780		1150	13.5	73.9	0.006	3.50	10.05	5.9	9	1.5	74.1	1.02	0.13	7.4	0.302	2.66
K311781		1130	14.3	78.8	0.007	2.89	8.31	7.4	9	1.6	64.0	1.08	0.14	7.8	0.310	2.44
K311782		1130	13.3	74.9	0.007	2.98	7.32	8.3	9	1.5	63.1	1.04	0.14	7.1	0.308	2.48
K311783		1140	12.9	72.4	0.007	3.76	14.85	6.4	9	1.6	96.3	1.00	0.13	6.8	0.306	6.44
K311784		950	16.8	89.7	0.008	3.46	7.89	7.9	8	1.7	63.8	1.03	0.12	8.4	0.335	2.52
K311785		1090	15.8	95.6	0.009	3.20	5.53	8.7	7	1.7	60.7	1.18	0.12	9.2	0.358	1.97
K311786		1150	17.0	94.3	0.006	3.23	8.98	8.3	8	1.8	78.6	1.18	0.12	8.9	0.363	4.25
K311787		180	1.6	0.7	<0.002	0.02	0.05	0.1	<1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02
K311788		990	14.4	86.7	0.007	3.57	19.15	7.0	8	1.6	155.0	1.05	0.11	7.9	0.332	7.10
K311789		790	14.5	84.9	0.011	3.39	25.0	7.2	8	1.5	239	0.90	0.12	7.2	0.303	11.20
K311790		780	14.9	90.4	0.014	3.46	26.3	7.6	9	1.6	239	0.88	0.12	7.4	0.299	11.20
K311791		620	13.5	86.0	0.013	0.96	19.35	7.1	24	1.5	206	0.62	0.15	6.5	0.253	5.56
K311792		750	12.7	77.9	0.005	0.33	16.35	7.1	16	1.5	231	0.53	0.16	5.7	0.234	3.90
K311793		920	36.8	85.3	0.050	0.33	21.6	7.5	9	1.9	317	0.67	0.15	6.4	0.279	9.44
K311794		720	16.2	100.0	0.014	0.54	7.56	8.1	7	1.6	239	0.77	0.08	7.7	0.324	7.47

Comments: ***Corrected copy with WSH- 22 removed***

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K311759		6.5	208	2.6	28.5	369	63.2
K311760		6.4	198	3.2	27.9	346	62.0
K311761		5.5	257	2.1	25.7	236	60.7
K311762		5.5	300	1.9	30.4	270	66.8
K311763		6.3	82	7.3	18.6	47	62.1
K311764		6.1	338	2.1	35.7	287	75.5
K311765		6.2	323	1.8	34.7	306	65.1
K311766		6.5	288	1.6	34.3	335	58.9
K311767		6.7	302	1.7	35.6	360	60.6
K311768		13.4	218	2.0	29.9	324	60.1
K311769		19.7	885	1.2	42.0	1320	55.6
K311770		10.4	560	1.4	31.6	996	51.6
K311771		9.1	636	2.9	36.9	570	109.0
K311772		7.2	620	2.8	34.3	477	104.5
K311773		6.2	562	2.8	31.7	444	96.2
K311774		6.6	547	2.7	30.7	446	101.5
K311775		2.2	72	5.0	16.5	47	54.8
K311776		7.3	571	3.0	31.4	444	99.8
K311777		8.5	585	3.5	40.8	468	113.0
K311778		7.3	579	2.6	33.8	470	96.3
K311779		0.5	6	0.1	0.8	19	<0.5
K311780		7.0	556	2.5	33.7	460	93.9
K311781		7.4	573	2.7	35.9	442	98.5
K311782		6.8	574	2.5	35.2	476	94.5
K311783		7.0	569	2.6	31.0	463	93.1
K311784		6.8	453	3.0	29.8	381	97.0
K311785		7.6	463	3.6	38.6	392	110.0
K311786		8.1	551	3.3	35.6	465	103.0
K311787		0.9	4	0.1	0.7	17	<0.5
K311788		7.6	484	3.1	28.7	410	93.1
K311789		6.1	523	2.8	21.4	397	81.4
K311790		6.3	534	2.8	21.7	376	83.8
K311791		5.0	742	3.0	25.4	141	66.9
K311792		5.1	911	3.8	25.2	136	60.9
K311793		8.1	643	4.0	22.3	43	72.0
K311794		5.7	455	2.7	22.8	36	114.0

Comments: ***Corrected copy with WSH- 22 removed***

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

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

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

Finalized Date: 21- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14103096

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- 31d	PUL- QC	WSH- 22	

ALS Canada Ltd.

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

Finalized Date: 24- JUL- 2014
Account: RCM

CERTIFICATE WH14104123

Project: NADALEEN

P.O. No.: 14- 005

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

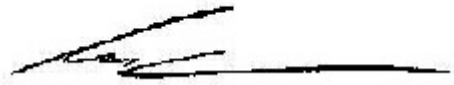
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104123

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311795		9.83	<0.01	1.47	4.89	157.5	970	1.63	0.30	0.20	0.15	57.0	1.0	103	19.15	69.6
K311796		9.54	<0.01	0.99	4.52	364	740	1.73	0.25	0.20	0.38	45.8	0.9	92	18.95	76.0
K311797		11.13	<0.01	0.79	4.99	387	970	1.87	0.26	0.18	0.44	53.4	1.1	91	18.50	82.5
K311798		10.74	<0.01	0.46	5.29	244	1380	2.10	0.30	0.15	0.24	60.3	1.3	84	20.6	56.2
K311799		10.96	<0.01	0.47	5.28	198.5	960	2.21	0.26	0.16	0.25	57.7	1.5	84	23.4	57.5
K311800		5.28	0.01	0.54	5.15	338	960	2.23	0.25	0.16	0.37	54.0	1.5	90	26.2	78.6
K311801		7.07	<0.01	2.07	3.60	160.5	3250	1.16	0.16	6.87	5.16	37.8	6.4	174	9.89	56.7
K311802		5.70	0.02	1.27	3.89	94.9	3780	1.09	0.18	7.48	1.96	37.7	5.1	165	10.95	52.9
K311803		4.72	<0.01	0.61	2.29	93.4	5470	0.81	0.10	15.20	1.81	25.0	4.3	84	5.89	35.9
K311804		7.10	0.02	0.78	3.84	114.0	3870	1.11	0.14	5.94	1.97	37.0	5.5	119	10.65	60.3
K311805		6.93	<0.01	0.01	0.06	<0.2	30	0.07	0.02	20.8	0.06	1.23	1.3	1	0.17	3.2
K311806		7.75	<0.01	1.02	4.20	95.0	1660	1.40	0.18	2.18	1.15	39.7	5.6	136	13.30	62.9
K311807		2.27	<0.01	1.10	2.62	52.2	440	0.80	0.10	16.05	1.99	25.2	5.2	115	8.03	42.3
K311808		8.34	<0.01	1.30	4.75	92.4	1130	1.57	0.20	2.97	2.02	47.5	7.4	131	13.10	68.3
K311809		9.87	<0.01	0.70	4.99	40.3	610	1.71	0.22	1.20	0.37	49.2	8.5	107	18.50	56.5
K311810		10.45	<0.01	0.68	5.02	24.4	590	1.59	0.22	2.01	0.36	50.1	7.9	118	18.80	65.6
K311811		11.60	<0.01	0.79	4.51	38.6	590	1.43	0.20	3.30	0.58	45.1	6.2	128	16.60	65.6
K311812		11.36	<0.01	0.68	3.99	13.7	410	1.23	0.14	7.29	0.39	38.5	5.6	106	14.45	46.9
K311813		0.26	0.51	0.11	3.58	2620	210	0.82	0.12	18.60	0.12	38.7	11.4	43	10.50	42.8
K311814		11.18	<0.01	0.62	4.12	14.1	600	1.17	0.14	7.51	0.40	39.1	6.0	98	14.55	42.0
K311815		11.34	<0.01	0.79	4.27	16.1	660	1.24	0.15	6.13	0.48	40.9	5.1	122	16.30	53.6
K311816		5.46	<0.01	0.80	4.05	14.5	570	1.22	0.15	6.04	0.48	38.8	4.9	119	15.60	51.1
K311817		10.08	<0.01	0.71	4.56	29.9	440	1.37	0.17	4.32	0.39	44.0	5.9	120	16.45	53.3
K311818		0.26	2.58	0.19	4.16	6630	220	0.98	0.13	12.95	0.13	42.4	12.9	47	11.20	38.8
K311819		8.73	<0.01	0.73	5.15	87.9	550	1.65	0.19	2.77	0.36	50.1	6.6	123	19.05	55.2
K311820		9.74	<0.01	0.81	5.18	113.5	570	1.53	0.19	2.77	0.37	48.9	7.2	127	19.20	57.6
K311821		10.41	<0.01	0.83	5.25	37.0	510	1.56	0.19	2.12	0.33	50.5	7.3	122	19.80	53.1
K311822		11.08	<0.01	0.99	4.98	46.0	320	1.58	0.17	3.22	0.37	44.6	7.0	119	19.15	47.9
K311823		6.89	<0.01	<0.01	0.06	<0.2	40	0.06	0.02	21.9	0.04	1.23	1.3	2	0.19	3.1
K311824		10.65	<0.01	1.37	4.93	96.2	400	1.54	0.18	3.63	0.71	43.7	6.3	146	18.70	55.9
K311825		10.50	<0.01	0.82	5.00	95.9	510	1.52	0.19	2.19	0.39	47.3	7.2	122	15.60	59.2
K311826		<0.02	<0.01	0.83	5.09	97.0	610	1.66	0.19	2.28	0.41	48.8	7.9	129	15.75	59.3
K311827		10.24	<0.01	0.87	3.63	67.5	540	1.07	0.13	7.04	0.46	34.9	5.2	107	10.90	49.4
K311828		11.41	<0.01	0.79	4.57	219	350	1.43	0.19	1.63	0.37	42.9	7.4	115	15.40	51.7
K311829		9.04	<0.01	1.51	4.02	97.1	520	1.35	0.17	6.44	0.51	38.1	4.9	159	15.10	67.4
K311830		8.93	0.27	0.81	3.37	278	360	1.10	0.11	10.65	0.66	28.2	3.6	85	10.00	35.1

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Finalized Date: 24- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104123

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
K311795		2.13	15.30	0.12	2.4	0.055	2.23	32.1	22.2	0.42	24	27.0	0.04	12.2	20.1	750
K311796		3.01	14.05	0.10	2.3	0.057	2.00	25.2	20.8	0.39	20	39.2	0.04	10.6	19.7	590
K311797		3.84	15.85	0.16	2.4	0.068	2.17	29.7	20.3	0.43	23	35.6	0.04	12.3	25.1	720
K311798		3.48	16.45	0.15	2.7	0.056	2.27	32.5	21.1	0.44	27	29.4	0.04	14.6	31.3	710
K311799		3.25	16.80	0.14	2.7	0.052	2.32	31.0	20.5	0.45	27	30.7	0.04	14.1	35.0	760
K311800		4.79	15.45	0.19	2.5	0.067	2.24	29.5	20.2	0.44	24	40.9	0.04	12.2	43.6	990
K311801		3.15	9.39	0.19	1.8	0.040	1.27	29.8	14.2	0.23	110	8.58	0.03	7.2	121.0	1390
K311802		2.42	10.20	0.14	1.8	0.041	1.34	26.1	19.9	0.30	93	5.81	0.03	7.0	98.6	1380
K311803		2.92	6.25	0.11	1.4	0.025	0.80	19.5	8.7	1.40	149	6.64	0.01	4.5	73.5	630
K311804		2.62	9.94	0.15	1.8	0.041	1.30	25.9	15.1	0.29	91	5.81	0.03	6.8	97.3	1380
K311805		0.48	0.39	0.06	<0.1	0.005	0.02	0.6	1.6	12.85	209	<0.05	<0.01	0.3	0.9	210
K311806		2.50	11.20	0.22	2.0	0.040	1.41	26.9	20.4	0.23	54	4.60	0.03	7.8	101.0	810
K311807		2.26	6.65	0.15	1.6	0.027	0.89	19.1	9.3	0.44	113	7.51	0.03	4.7	76.3	2390
K311808		2.34	13.40	0.16	2.3	0.044	1.69	31.4	23.8	0.35	90	6.40	0.04	9.1	85.2	800
K311809		2.24	14.35	0.13	2.4	0.055	1.74	29.9	19.4	0.57	138	3.82	0.05	9.8	71.1	610
K311810		2.48	14.05	0.12	2.4	0.052	1.77	32.4	21.5	0.55	113	3.91	0.05	10.1	82.8	630
K311811		2.38	12.45	0.15	2.4	0.048	1.54	31.1	20.4	0.55	82	4.96	0.06	9.3	98.3	660
K311812		3.30	10.90	0.14	1.9	0.040	1.41	22.8	13.9	1.47	127	5.13	0.07	8.2	64.7	1220
K311813		3.10	10.25	0.09	1.8	0.041	1.75	18.1	9.0	1.45	1220	1.72	0.02	6.8	23.5	380
K311814		3.27	10.75	0.09	2.0	0.041	1.39	22.6	14.4	1.65	149	5.98	0.06	8.2	53.3	1500
K311815		2.64	11.50	0.08	2.2	0.046	1.45	26.1	16.8	0.77	95	5.44	0.05	9.0	74.7	1040
K311816		2.54	11.05	0.11	2.0	0.043	1.43	24.7	15.8	0.70	89	5.40	0.05	8.6	72.2	980
K311817		2.77	12.50	0.11	2.2	0.046	1.56	26.7	18.4	0.62	87	3.40	0.05	9.6	71.2	1100
K311818		3.20	11.30	0.07	2.2	0.049	1.97	20.5	11.9	2.83	1300	2.08	0.02	6.7	26.9	490
K311819		2.66	14.00	0.13	2.3	0.053	1.77	31.3	19.5	0.67	104	2.50	0.05	10.4	67.6	960
K311820		2.67	14.15	0.14	2.4	0.054	1.79	29.6	18.4	0.60	106	3.80	0.05	10.4	75.1	760
K311821		2.66	14.85	0.13	2.3	0.053	1.83	30.2	16.7	0.60	135	3.59	0.05	10.3	72.9	880
K311822		2.75	13.80	0.12	2.2	0.050	1.74	25.4	14.6	0.90	167	6.25	0.05	9.5	65.8	1130
K311823		0.50	0.35	0.06	<0.1	<0.005	0.03	0.6	1.3	13.35	214	0.11	0.01	0.4	1.6	300
K311824		2.56	13.35	0.15	2.2	0.051	1.75	25.2	15.5	0.57	89	9.05	0.05	9.2	89.3	1290
K311825		2.54	14.45	0.14	2.2	0.051	1.86	28.6	18.7	0.55	95	4.37	0.04	9.9	76.9	640
K311826		2.60	14.55	0.16	2.3	0.051	1.87	29.9	18.4	0.56	101	4.51	0.04	10.3	81.5	650
K311827		2.53	9.82	0.12	1.7	0.040	1.30	23.4	17.6	1.40	118	6.62	0.03	7.3	72.1	610
K311828		2.55	13.00	0.14	2.1	0.049	1.67	26.4	24.7	0.56	92	4.50	0.03	9.6	69.4	720
K311829		2.59	11.40	0.15	1.9	0.045	1.47	28.3	15.6	0.47	76	4.66	0.04	9.0	106.0	510
K311830		2.89	8.22	0.08	1.4	0.040	1.16	19.9	11.8	1.68	187	5.22	0.04	6.3	63.3	4380

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
K311795		29.7	117.5	0.024	0.36	12.15	10.6	8	1.8	238	0.79	0.13	7.4	0.314	6.72	6.4
K311796		13.9	101.0	0.017	0.21	15.55	10.9	7	2.0	137.5	0.67	0.12	6.9	0.287	3.57	6.1
K311797		15.4	107.0	0.011	0.10	8.85	10.2	7	1.8	131.0	0.80	0.11	7.8	0.319	2.41	6.2
K311798		15.9	113.0	0.011	0.11	6.30	11.1	6	1.8	138.5	0.90	0.10	8.7	0.341	2.17	6.2
K311799		15.3	111.0	0.012	0.16	6.59	11.2	9	1.9	193.5	0.88	0.09	8.6	0.348	2.39	5.6
K311800		14.9	107.5	0.010	0.13	8.71	10.9	10	1.8	168.0	0.78	0.10	8.2	0.321	2.04	5.7
K311801		10.5	69.7	0.014	0.22	3.01	9.0	14	1.1	538	0.45	0.09	5.5	0.214	1.21	5.7
K311802		11.0	71.8	0.020	0.23	2.58	9.3	10	1.2	513	0.46	0.08	5.6	0.227	1.32	5.2
K311803		8.1	42.2	0.020	0.28	1.51	7.8	9	0.7	808	0.28	0.06	3.3	0.131	0.47	5.4
K311804		13.7	68.7	0.022	0.25	2.90	9.5	22	1.2	431	0.44	0.08	5.3	0.220	0.95	5.8
K311805		1.3	1.2	<0.002	0.01	0.09	0.2	1	<0.2	45.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
K311806		11.0	74.3	0.019	0.68	2.62	11.6	32	1.3	196.0	0.50	0.11	5.8	0.255	0.94	5.4
K311807		5.5	48.7	0.017	1.09	1.72	9.2	22	0.8	947	0.32	0.06	3.7	0.152	1.18	5.0
K311808		13.5	92.6	0.023	0.94	6.11	10.5	21	1.5	255	0.60	0.11	6.7	0.286	1.47	5.2
K311809		12.2	104.0	0.010	1.46	2.56	11.2	5	1.6	123.5	0.65	0.13	6.6	0.304	1.13	4.1
K311810		12.3	102.0	0.009	1.50	2.19	11.5	6	1.6	175.0	0.65	0.11	6.9	0.317	1.05	4.6
K311811		10.2	89.9	0.017	1.64	1.83	11.1	9	1.4	241	0.63	0.09	6.5	0.296	1.02	6.1
K311812		9.3	73.7	0.011	1.75	1.65	9.8	7	1.2	527	0.52	0.08	5.6	0.258	0.98	4.9
K311813		8.4	78.2	0.002	2.58	9.26	8.3	2	1.4	707	0.45	0.06	5.9	0.275	10.35	2.4
K311814		9.4	73.5	0.014	1.46	1.67	10.0	6	1.2	586	0.51	0.08	5.7	0.260	0.76	5.4
K311815		9.4	78.6	0.014	1.89	1.90	9.8	9	1.3	457	0.59	0.09	5.9	0.279	0.93	5.8
K311816		8.9	76.3	0.012	1.90	1.80	9.5	9	1.3	463	0.54	0.07	5.5	0.271	0.86	5.6
K311817		10.8	84.5	0.008	2.06	1.68	10.3	8	1.5	349	0.59	0.08	6.5	0.298	0.85	5.0
K311818		11.3	85.5	0.002	2.81	24.6	9.7	2	1.7	336	0.48	<0.05	6.7	0.298	44.6	7.1
K311819		11.6	97.0	0.008	1.54	1.77	12.3	7	1.6	229	0.66	0.11	7.2	0.331	0.76	5.0
K311820		11.6	99.2	0.011	1.80	2.08	11.5	8	1.7	266	0.66	0.09	7.0	0.322	1.45	5.4
K311821		11.6	101.5	0.011	1.84	2.02	11.6	7	1.7	199.5	0.65	0.11	7.0	0.332	1.96	5.0
K311822		11.0	94.5	0.012	2.00	2.23	11.9	7	1.5	257	0.61	0.10	6.3	0.312	2.05	5.8
K311823		1.3	1.3	<0.002	0.01	0.07	0.2	1	<0.2	53.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
K311824		14.5	89.6	0.020	2.33	3.36	11.0	12	1.6	278	0.62	0.09	6.4	0.302	2.08	7.4
K311825		16.7	92.1	0.013	2.09	3.30	10.5	8	1.6	137.0	0.64	0.11	6.8	0.308	1.99	5.8
K311826		19.0	95.2	0.015	2.11	4.01	11.1	8	1.7	140.5	0.66	0.11	6.9	0.315	2.03	5.8
K311827		8.7	64.6	0.015	1.72	2.32	9.5	8	1.1	393	0.45	0.08	4.9	0.223	2.37	6.6
K311828		11.5	84.1	0.010	2.17	5.49	9.7	7	1.5	138.0	0.62	0.12	6.6	0.288	2.75	5.5
K311829		9.5	79.9	0.011	2.30	1.87	10.0	13	1.3	357	0.57	0.09	5.6	0.257	5.05	6.1
K311830		9.2	58.5	0.012	2.16	2.89	7.8	12	1.0	755	0.39	0.09	3.9	0.190	9.53	5.6

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

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

Finalized Date: 24- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104123

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Hg- CV41 Hg ppm 0.01
K311795		719	2.6	24.2	44	93.3	0.53
K311796		828	2.2	20.6	80	84.0	0.40
K311797		650	2.2	20.9	117	94.6	0.40
K311798		487	1.5	19.4	124	104.0	0.52
K311799		497	1.3	20.6	122	103.0	0.45
K311800		597	1.3	19.4	183	92.2	0.45
K311801		228	0.9	41.9	502	69.6	0.31
K311802		219	1.0	28.3	381	67.2	0.36
K311803		172	0.6	31.2	245	64.9	0.14
K311804		216	1.4	26.4	311	65.7	0.24
K311805		3	0.1	0.9	16	<0.5	<0.01
K311806		227	1.2	30.8	267	71.0	0.35
K311807		149	0.7	31.4	224	73.1	0.42
K311808		224	2.8	25.1	226	80.6	0.36
K311809		215	1.6	19.4	171	86.7	0.26
K311810		219	1.4	25.3	180	90.0	0.26
K311811		211	1.4	29.5	239	86.5	0.24
K311812		211	1.1	25.9	194	76.3	0.24
K311813		74	5.8	15.9	47	65.0	4.03
K311814		220	1.1	24.4	168	77.6	0.18
K311815		219	1.2	26.8	231	80.1	0.22
K311816		212	1.1	27.5	220	77.3	0.21
K311817		218	1.3	28.1	209	80.6	0.25
K311818		92	8.9	18.5	51	73.3	16.5
K311819		246	1.8	29.1	218	88.0	0.52
K311820		237	1.5	28.7	220	89.3	0.52
K311821		245	1.4	27.3	197	87.9	0.23
K311822		252	1.3	26.3	189	81.5	0.34
K311823		2	0.1	0.9	16	<0.5	<0.01
K311824		249	1.8	26.3	294	78.5	0.49
K311825		218	2.9	24.7	197	82.3	0.58
K311826		223	2.9	26.0	206	87.0	0.56
K311827		167	1.4	29.0	233	69.9	0.52
K311828		221	3.2	23.6	196	77.0	0.83
K311829		209	1.6	32.7	274	73.4	2.22
K311830		286	1.8	27.9	200	56.4	8.19

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

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CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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1016- 510 W HASTINGS ST
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Finalized Date: 24- JUL- 2014
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CERTIFICATE WH14104124

Project: NADALEEN

P.O. No.: 14- 006

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

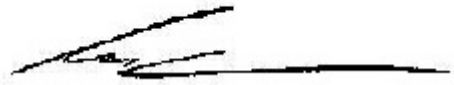
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH14104124

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311831		10.14	0.01	1.90	2.78	86.0	560	0.93	0.11	12.15	0.90	26.8	3.5	113	9.09	52.6
K311832		11.04	<0.01	1.46	3.48	97.6	590	1.14	0.13	9.25	0.89	31.7	4.2	128	11.00	63.3
K311833		11.49	<0.01	1.03	3.78	66.8	460	1.38	0.16	3.13	0.51	37.5	5.7	112	12.95	50.0
K311834		11.15	<0.01	0.92	3.86	28.4	670	1.20	0.15	4.09	0.53	37.7	6.0	105	13.85	50.1
K311835		6.88	<0.01	<0.01	0.05	<0.2	110	0.05	0.01	20.7	0.05	1.20	1.2	1	0.16	2.0
K311836		10.57	<0.01	1.19	3.61	19.4	680	1.30	0.14	4.90	0.65	36.2	5.3	116	14.50	56.2
K311837		10.40	<0.01	1.09	3.95	38.5	570	1.38	0.16	2.08	0.37	37.3	6.1	105	13.65	53.7
K311838		9.43	<0.01	0.97	4.27	35.6	670	1.56	0.15	2.42	0.43	40.2	6.4	115	17.00	52.3
K311839		9.91	<0.01	0.83	3.79	55.2	750	1.32	0.13	5.87	0.43	35.6	5.3	109	14.30	46.2
K311840		<0.02	<0.01	0.86	3.85	58.8	690	1.32	0.14	5.99	0.45	36.5	5.3	107	14.80	45.9
K311841		11.88	<0.01	0.98	4.32	65.4	650	1.40	0.16	4.69	0.42	40.9	5.9	121	17.40	53.4
K311842		4.83	<0.01	0.80	3.53	87.6	550	1.14	0.12	7.66	0.77	33.9	4.5	112	12.25	54.0
K311843		9.72	0.28	0.91	4.24	341	490	1.16	0.16	4.41	0.89	41.6	6.2	123	11.20	54.8
K311844		8.93	<0.01	2.77	3.52	47.1	530	1.08	0.16	5.74	1.04	32.3	4.6	138	13.10	43.4
K311845		0.26	0.51	0.09	2.50	1825	140	0.65	0.11	13.05	0.11	25.8	8.0	33	7.05	28.0
K311846		11.02	<0.01	1.26	3.03	54.3	520	1.02	0.12	10.65	0.73	27.1	3.9	104	9.67	45.7
K311847		9.40	<0.01	0.78	2.75	74.3	370	0.89	0.14	7.84	0.32	26.3	4.4	76	7.19	36.4
K311848		9.40	<0.01	0.92	4.14	85.4	600	1.35	0.18	3.99	0.42	43.4	6.1	110	12.25	48.7
K311849		10.63	<0.01	0.85	3.89	92.9	610	1.24	0.18	5.80	0.46	37.9	5.7	106	11.65	45.4
K311850		10.69	<0.01	1.68	3.87	115.0	430	1.15	0.16	6.48	1.75	37.3	5.0	135	9.92	44.4
K311851		5.00	<0.01	1.51	3.62	105.5	370	1.03	0.14	6.74	1.59	35.7	4.7	123	9.09	42.2
K311852		10.37	<0.01	2.16	3.47	63.4	500	0.89	0.17	4.00	0.76	33.1	4.1	162	10.70	47.2
K311853		9.67	<0.01	0.80	4.71	47.9	300	1.45	0.18	3.64	0.63	47.3	7.2	119	15.55	57.7
K311854		9.71	<0.01	1.24	3.36	75.1	270	1.05	0.14	12.65	3.09	32.9	5.3	98	10.45	44.5
K311855		8.55	<0.01	2.02	2.59	42.2	290	1.04	0.12	13.20	8.62	21.0	4.1	88	7.56	46.2
K311856		9.37	<0.01	2.47	4.32	34.8	560	2.00	0.25	4.30	5.93	40.5	7.1	163	11.70	76.4
K311857		4.61	0.01	1.93	4.87	35.0	600	2.18	0.23	2.80	5.63	49.3	8.7	129	14.20	67.4
K311858		2.14	0.01	0.88	2.18	36.1	780	0.86	0.24	5.33	1.22	20.8	3.0	79	6.29	39.7
K311859		5.53	<0.01	8.90	3.23	48.8	440	1.20	0.21	10.40	37.6	35.3	3.8	345	10.15	81.0
K311860		7.39	0.01	8.07	3.62	58.2	250	1.45	0.22	11.55	7.27	39.5	4.1	317	12.80	77.7
K311861		7.26	<0.01	0.03	0.07	<0.2	30	0.05	0.02	20.8	0.10	1.43	0.7	1	0.14	1.8
K311862		9.15	<0.01	1.85	4.40	97.7	720	2.31	0.24	0.33	2.39	47.3	7.9	324	13.00	87.4
K311863		11.01	<0.01	1.39	4.49	109.0	420	1.86	0.20	1.06	2.54	54.2	6.8	108	12.35	87.0
K311864		0.26	0.51	0.10	3.61	2600	210	0.84	0.15	18.35	0.17	41.1	11.1	43	10.30	40.2
K311865		11.11	0.01	1.38	4.56	91.3	250	2.10	0.20	1.19	2.58	52.4	6.7	110	13.20	86.3
K311866		10.70	0.01	1.48	4.69	64.0	250	1.89	0.23	1.06	2.30	54.4	7.0	114	14.15	91.8

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Finalized Date: 24- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104124

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311831		2.09	8.02	0.07	1.3	3.99	0.034	1.01	23.5	10.4	0.53	87	5.99	0.03	6.1	76.9
K311832		2.20	9.98	0.10	1.7	1.76	0.037	1.24	24.9	14.7	0.61	79	8.51	0.03	6.8	98.8
K311833		2.17	10.85	0.11	1.8	0.58	0.043	1.35	25.3	18.8	0.51	70	4.15	0.03	8.6	72.8
K311834		2.16	11.10	0.09	1.8	0.23	0.044	1.31	24.3	16.1	0.72	110	8.41	0.04	7.8	60.1
K311835		0.48	0.33	0.08	<0.1	<0.01	0.005	0.02	0.6	1.1	12.65	213	0.15	<0.01	0.3	1.8
K311836		2.11	10.05	0.10	1.8	0.17	0.037	1.19	25.2	15.6	0.54	67	7.86	0.04	7.1	86.4
K311837		2.22	11.05	0.11	1.9	0.19	0.042	1.29	23.0	18.9	0.47	115	4.99	0.03	8.2	68.9
K311838		2.26	11.75	0.13	1.9	0.19	0.044	1.47	25.1	16.0	0.44	92	5.98	0.04	8.3	83.5
K311839		2.19	10.25	0.08	1.7	0.26	0.039	1.36	23.6	10.5	0.78	86	6.59	0.03	7.2	72.1
K311840		2.27	10.65	0.10	1.7	0.27	0.044	1.38	24.0	10.5	0.78	91	6.56	0.03	7.3	73.0
K311841		2.62	12.00	0.12	1.9	0.45	0.043	1.57	25.6	11.6	0.59	94	4.58	0.04	8.5	78.6
K311842		2.02	9.66	0.08	1.8	0.74	0.041	1.28	23.5	9.1	0.57	86	7.15	0.03	6.9	77.9
K311843		2.58	12.00	0.12	2.0	5.03	0.043	1.57	26.6	28.2	0.55	98	5.58	0.02	8.6	77.8
K311844		2.70	8.70	0.11	1.5	0.36	0.038	1.06	23.0	20.7	0.50	86	7.04	0.03	6.0	87.4
K311845		2.13	6.74	0.07	1.3	3.59	0.029	1.17	11.8	6.5	0.99	832	1.12	0.02	4.1	17.2
K311846		2.05	7.82	0.10	1.4	0.14	0.027	0.94	20.8	13.8	1.12	101	6.15	0.03	5.7	75.6
K311847		2.27	7.17	0.09	1.4	0.15	0.033	0.85	16.2	17.3	3.26	174	3.63	0.04	5.2	51.3
K311848		2.40	11.15	0.11	1.9	0.26	0.040	1.44	27.6	14.4	1.07	93	5.36	0.04	7.6	72.9
K311849		2.28	9.92	0.10	1.7	0.36	0.035	1.33	22.4	16.1	1.14	114	5.84	0.03	6.7	70.7
K311850		2.55	10.20	0.11	1.7	0.58	0.037	1.42	24.1	13.8	1.26	127	6.14	0.03	7.0	75.7
K311851		2.51	9.54	0.11	1.7	0.59	0.040	1.33	25.4	12.6	1.30	134	5.64	0.03	6.6	69.5
K311852		2.51	9.07	0.09	1.5	0.42	0.032	1.19	22.6	15.2	0.41	79	6.51	0.03	6.3	87.7
K311853		2.61	12.80	0.15	2.3	0.52	0.048	1.77	28.1	12.5	0.55	100	8.00	0.04	8.7	85.6
K311854		1.97	8.63	0.11	1.5	0.50	0.036	1.31	18.4	8.8	1.40	77	16.85	0.02	6.0	92.4
K311855		1.48	6.36	0.16	1.1	0.24	0.027	1.03	12.7	17.8	2.04	109	20.0	0.02	4.4	107.0
K311856		2.43	10.90	0.19	1.9	0.15	0.058	1.73	22.0	24.7	0.46	135	21.9	0.04	7.4	173.0
K311857		2.65	12.95	0.16	2.2	0.14	0.051	1.95	30.4	27.1	0.54	154	18.15	0.04	8.4	122.0
K311858		1.63	5.67	0.09	1.0	0.07	0.025	0.73	12.0	21.9	0.74	111	2.56	0.03	3.3	48.6
K311859		1.84	8.32	0.17	1.4	0.15	0.035	1.06	27.4	21.3	0.59	96	51.3	0.03	4.7	186.0
K311860		2.40	10.00	0.27	1.8	0.28	0.042	1.34	37.9	20.9	1.49	95	18.35	0.04	5.6	122.5
K311861		0.50	0.23	0.07	<0.1	<0.01	0.005	0.03	0.6	1.0	12.65	210	0.21	<0.01	0.2	2.0
K311862		3.56	15.40	0.17	2.5	0.36	0.077	1.89	22.7	21.0	0.37	60	14.90	0.03	14.8	94.1
K311863		2.96	13.90	0.16	2.5	0.50	0.056	1.88	24.8	16.5	0.70	102	11.70	0.03	17.5	84.2
K311864		3.06	9.33	0.10	1.8	3.61	0.034	1.72	16.9	8.9	1.43	1200	1.52	0.02	5.8	24.2
K311865		3.02	13.90	0.13	2.6	0.39	0.046	1.89	21.1	18.1	0.73	100	13.60	0.03	17.7	84.2
K311866		3.15	14.30	0.14	2.7	0.32	0.047	1.86	22.7	21.6	0.57	97	12.45	0.03	17.7	88.1

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CERTIFICATE OF ANALYSIS WH14104124

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311831		600	10.9	53.0	0.015	1.92	2.40	6.6	13	0.9	604	0.38	0.10	3.8	0.167	4.48
K311832		530	12.1	64.9	0.026	1.81	2.91	8.7	14	1.1	500	0.44	0.08	4.9	0.212	2.29
K311833		830	10.1	70.7	0.011	1.64	1.90	8.6	8	1.2	247	0.52	0.10	5.5	0.248	1.59
K311834		910	8.8	71.0	0.026	1.39	1.67	8.3	8	1.3	301	0.50	0.11	5.3	0.238	0.99
K311835		150	1.2	1.0	<0.002	0.01	0.07	0.2	1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	<0.02
K311836		710	8.4	67.6	0.026	1.56	1.97	9.2	13	1.2	300	0.47	0.07	5.2	0.223	0.75
K311837		610	9.4	69.6	0.014	1.71	2.11	8.8	8	1.3	160.0	0.52	0.12	5.3	0.244	0.77
K311838		680	9.4	79.6	0.015	1.76	1.88	10.0	9	1.4	174.0	0.52	0.11	5.8	0.257	1.04
K311839		700	8.4	69.4	0.016	1.51	1.93	9.3	8	1.2	316	0.46	0.07	5.3	0.227	0.99
K311840		700	8.5	72.5	0.018	1.55	2.03	8.8	8	1.2	323	0.47	0.06	5.3	0.231	1.04
K311841		950	11.9	82.1	0.013	2.25	1.90	10.0	9	1.3	272	0.53	0.09	5.9	0.260	1.33
K311842		670	19.6	63.9	0.020	1.59	3.63	8.0	10	1.1	261	0.45	0.06	4.9	0.222	1.26
K311843		870	18.6	71.3	0.015	2.46	3.79	9.9	10	1.6	237	0.56	0.09	6.1	0.269	5.34
K311844		1050	9.0	58.9	0.015	2.63	2.35	7.9	12	1.1	323	0.39	0.13	4.5	0.210	1.21
K311845		260	6.3	52.6	0.002	1.78	6.27	6.4	1	0.9	481	0.29	<0.05	3.8	0.190	6.87
K311846		1100	7.8	49.1	0.018	1.65	1.67	7.9	10	0.9	519	0.36	0.06	4.0	0.186	0.53
K311847		740	7.3	41.3	0.008	1.32	1.36	7.0	6	0.8	425	0.35	0.05	3.8	0.170	0.49
K311848		720	9.9	76.7	0.012	1.82	1.96	10.2	8	1.3	205	0.47	0.06	5.5	0.248	1.08
K311849		620	10.0	69.2	0.013	1.89	1.79	9.4	7	1.1	260	0.45	0.07	5.0	0.226	0.90
K311850		1460	11.0	67.0	0.020	2.48	4.51	9.0	12	1.2	280	0.45	0.12	5.1	0.230	1.19
K311851		1490	10.0	61.9	0.018	2.37	4.19	8.8	11	1.2	287	0.44	0.13	4.6	0.215	1.22
K311852		1200	8.1	59.0	0.013	2.63	2.55	7.9	12	1.0	160.5	0.42	0.15	4.4	0.208	1.81
K311853		990	11.5	85.9	0.018	2.52	2.45	12.4	7	1.4	185.5	0.57	0.10	6.0	0.287	1.93
K311854		940	8.4	61.1	0.064	2.01	4.71	7.9	12	1.0	357	0.39	0.07	4.0	0.196	1.69
K311855		7670	9.9	42.7	0.055	1.61	13.95	5.0	19	0.9	371	0.29	0.06	3.4	0.128	1.36
K311856		>10000	14.6	82.0	0.047	2.69	12.65	8.3	25	1.3	286	0.48	0.10	5.7	0.224	1.79
K311857		7670	14.0	98.4	0.034	2.81	12.50	10.3	21	1.5	190.0	0.55	0.17	7.1	0.264	1.40
K311858		3170	12.3	37.1	0.010	1.57	2.84	8.1	7	0.6	207	0.20	0.11	2.9	0.111	0.36
K311859		7480	16.2	56.6	0.439	1.96	15.20	10.4	55	1.0	534	0.32	0.14	4.4	0.164	2.12
K311860		4840	11.7	69.9	0.118	2.73	8.74	9.0	40	1.0	577	0.35	0.23	5.0	0.189	1.70
K311861		190	1.8	1.1	<0.002	0.01	0.08	0.2	1	<0.2	48.7	<0.05	<0.05	<0.2	<0.005	<0.02
K311862		830	13.7	87.1	0.028	3.91	7.75	9.7	11	1.7	71.3	0.89	0.19	6.8	0.295	2.21
K311863		1020	17.8	83.5	0.007	3.10	8.95	10.6	10	1.6	98.5	1.01	0.08	7.1	0.320	1.81
K311864		390	9.4	74.8	0.002	2.55	9.05	9.1	1	1.3	699	0.41	<0.05	5.5	0.277	10.20
K311865		1080	13.8	86.6	0.012	3.15	9.13	10.3	11	1.6	90.0	1.09	0.13	7.2	0.321	2.22
K311866		970	15.6	87.8	0.010	3.27	7.46	10.7	9	1.6	86.5	1.09	0.18	7.2	0.329	2.26

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

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

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

Finalized Date: 24- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104124

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K311831		7.6	187	1.1	30.8	302	53.9
K311832		9.1	172	1.7	31.4	303	66.9
K311833		5.6	203	1.2	24.5	254	67.9
K311834		7.1	192	1.1	23.8	204	68.0
K311835		0.9	2	0.1	0.7	18	0.5
K311836		8.2	174	1.0	26.8	238	66.7
K311837		5.8	195	1.2	23.9	194	71.1
K311838		6.1	178	1.2	25.2	203	68.9
K311839		6.8	163	1.1	25.1	189	65.0
K311840		6.8	170	1.1	25.8	195	67.1
K311841		6.2	191	1.1	27.4	210	72.1
K311842		7.5	166	1.1	26.0	256	63.8
K311843		6.6	209	5.6	25.7	259	78.1
K311844		5.4	234	1.1	27.9	229	56.2
K311845		1.6	52	3.7	10.1	35	41.3
K311846		6.2	172	0.8	24.8	224	59.0
K311847		4.1	133	1.0	17.2	140	53.9
K311848		5.8	183	1.5	24.1	189	72.3
K311849		5.8	170	1.1	21.6	193	66.8
K311850		5.3	265	1.3	27.6	247	66.1
K311851		5.0	244	1.2	27.6	229	62.3
K311852		4.6	240	0.9	23.7	236	56.2
K311853		7.0	240	1.2	28.3	248	78.3
K311854		7.3	233	0.8	18.1	265	58.2
K311855		9.8	553	0.7	18.5	715	37.7
K311856		12.4	448	1.2	32.3	865	70.7
K311857		14.9	394	1.4	34.7	612	79.5
K311858		2.8	156	0.7	13.7	274	40.0
K311859		16.7	747	1.2	49.4	993	59.1
K311860		18.6	331	1.1	59.9	476	74.5
K311861		0.5	2	0.1	0.7	19	<0.5
K311862		7.1	538	1.4	22.2	415	96.2
K311863		6.2	569	1.7	29.8	447	104.0
K311864		2.3	75	5.3	14.3	51	65.2
K311865		6.9	553	1.3	31.4	436	105.5
K311866		6.9	565	1.5	30.8	452	106.5

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

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

Finalized Date: 24- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14104124

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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

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

Finalized Date: 26- JUL- 2014
Account: RCM

CERTIFICATE WH14105968

Project: NADALEEN

P.O. No.: 14- 007

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

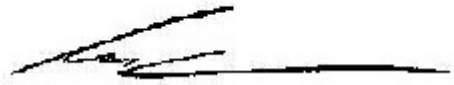
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 26- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105968

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311867		11.24	<0.01	1.41	4.97	45.8	170	2.05	0.21	0.33	2.51	44.7	7.1	140	14.20	90.8
K311868		11.04	<0.01	1.59	4.90	74.1	160	1.99	0.22	0.22	2.49	51.8	7.4	139	13.50	90.3
K311869		10.28	<0.01	2.41	4.20	117.0	230	2.08	0.23	0.32	6.21	49.8	7.7	131	12.45	84.2
K311870		9.91	<0.01	1.64	4.68	110.5	130	2.36	0.23	0.18	3.69	51.0	8.2	110	12.60	65.0
K311871		0.26	0.51	0.11	3.58	2580	200	0.98	0.16	18.15	0.14	38.6	11.3	43	10.40	44.2
K311872		10.54	<0.01	3.73	3.73	86.1	260	1.86	0.20	0.82	16.35	31.4	8.4	101	11.20	74.6
K311873		8.71	0.01	3.73	3.70	97.2	260	1.87	0.19	0.62	14.10	33.7	8.3	106	10.55	67.9
K311874		10.84	0.01	3.82	3.79	177.0	330	1.89	0.21	1.38	16.05	38.8	12.4	113	10.25	87.9
K311875		9.82	0.01	2.58	5.41	290	130	2.02	0.26	0.24	25.1	43.8	12.3	89	12.85	79.7
K311876		6.64	<0.01	3.89	3.71	104.0	500	1.70	0.19	0.91	62.5	32.9	5.5	96	11.45	87.0
K311877		6.55	<0.01	2.25	7.56	76.9	620	2.25	0.51	1.35	25.4	75.5	3.9	43	24.0	45.3
K311878		7.21	<0.01	0.01	0.04	0.5	20	0.06	0.03	20.7	0.12	1.10	0.7	<1	0.13	2.9
K311879		6.01	<0.01	3.58	2.29	62.0	800	1.31	0.13	2.35	33.6	19.45	3.7	88	7.94	60.5
K311880		10.53	<0.01	3.40	3.18	129.5	610	1.55	0.16	1.21	46.8	27.6	4.9	97	10.05	79.0
K311881		4.75	<0.01	3.97	3.90	164.0	510	1.88	0.17	2.04	50.2	38.7	5.7	79	11.75	78.6
K311882		3.58	<0.01	4.21	4.32	97.8	380	1.66	0.21	1.21	30.2	43.2	4.7	79	10.80	62.2
K311883		5.32	<0.01	4.35	4.70	90.7	390	1.86	0.30	1.19	22.7	48.9	3.7	61	14.00	51.0
K311884		6.81	<0.01	0.01	0.05	0.6	20	0.05	0.04	20.8	0.11	0.98	0.8	<1	0.54	2.8
K311885		6.80	<0.01	3.07	2.20	55.1	560	0.93	0.11	1.60	38.2	19.30	3.4	72	6.64	57.0
K311886		6.98	<0.01	3.08	2.74	59.3	750	1.24	0.14	1.18	42.7	22.0	4.2	93	7.89	66.1
K311887		8.17	<0.01	3.26	3.09	110.0	270	1.39	0.16	0.58	25.6	29.4	7.5	88	7.37	74.6
K311888		7.49	<0.01	1.41	3.56	103.5	330	1.43	0.16	0.74	6.93	33.2	9.2	62	8.51	52.7
K311889		9.02	<0.01	1.51	3.27	74.8	240	1.55	0.14	1.10	6.41	31.5	7.9	66	8.32	50.1
K311890		10.62	<0.01	2.19	3.87	78.3	340	1.98	0.15	2.46	7.19	35.9	9.0	82	9.50	65.7
K311891		4.62	<0.01	2.31	4.09	83.1	310	2.12	0.18	2.64	8.02	35.8	9.6	87	10.25	71.2
K311892		10.37	<0.01	1.78	4.66	74.8	330	2.03	0.23	1.73	7.98	38.6	11.2	79	13.80	70.9
K311893		10.87	0.01	2.39	6.72	47.6	180	2.38	0.28	0.76	24.0	54.4	12.8	99	23.9	84.2
K311894		10.72	0.01	2.20	6.61	51.8	280	2.37	0.27	2.68	22.9	54.6	11.7	87	24.9	82.9
K311895		8.97	<0.01	2.27	4.97	288	350	2.00	0.24	5.33	18.05	52.3	14.0	60	17.45	67.9
K311896		<0.02	0.01	2.18	4.78	274	480	1.91	0.24	5.33	17.55	51.2	14.1	58	17.20	65.5
K311897		4.39	<0.01	5.01	4.12	47.4	370	2.18	0.19	0.94	48.5	34.2	5.9	74	20.1	82.9
K311898		8.26	<0.01	0.05	9.70	2.7	690	2.68	0.33	0.44	0.08	83.8	18.2	79	34.8	39.9
K311899		8.82	0.08	0.08	6.54	216	280	1.94	0.25	5.42	0.06	67.4	12.4	58	18.95	45.1
K311900		11.18	<0.01	0.10	0.86	19.2	40	0.25	0.04	8.99	0.04	17.80	1.7	16	1.82	5.1
K311901		10.80	0.01	0.61	2.25	30.5	130	0.71	0.08	12.10	0.32	29.2	3.8	27	8.20	18.1
K311902		0.26	0.50	0.10	3.58	2550	200	0.91	0.15	18.15	0.14	37.7	11.1	43	10.10	43.0

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

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

Finalized Date: 26- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105968

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311867		2.91	14.65	0.15	2.7	0.22	0.057	2.03	18.0	20.4	0.41	63	11.70	0.03	17.6	90.4
K311868		3.04	14.75	0.16	2.8	0.26	0.053	1.97	27.0	21.4	0.36	57	13.60	0.03	17.8	98.7
K311869		3.00	12.45	0.13	2.3	1.14	0.054	1.67	29.0	21.6	0.29	67	15.60	0.03	13.5	100.0
K311870		3.30	13.50	0.12	2.7	1.15	0.051	1.98	28.6	23.3	0.33	77	25.9	0.03	14.8	120.5
K311871		2.98	9.74	0.06	1.8	3.58	0.039	1.71	19.2	10.1	1.43	1160	1.60	0.02	6.2	24.9
K311872		3.10	9.78	0.12	1.7	0.91	0.045	1.45	20.1	18.2	0.37	153	22.7	0.03	5.4	127.0
K311873		3.15	9.89	0.14	1.7	1.07	0.049	1.45	21.6	18.5	0.29	83	27.7	0.03	6.3	135.5
K311874		4.42	10.80	0.16	1.5	1.67	0.060	1.50	24.2	18.1	0.47	144	32.5	0.03	5.4	215
K311875		3.36	15.15	0.17	2.4	2.25	0.070	2.16	22.8	26.8	0.39	87	61.7	0.03	7.5	267
K311876		1.50	10.90	0.15	1.7	3.55	0.063	1.49	20.8	21.2	0.30	62	34.8	0.03	5.3	164.0
K311877		1.76	20.6	0.18	3.2	1.34	0.114	2.41	37.3	30.4	0.72	177	12.85	0.02	11.0	63.8
K311878		0.45	0.22	0.23	<0.1	<0.01	<0.005	0.02	0.5	1.0	13.00	199	<0.05	<0.01	0.1	2.0
K311879		1.06	6.24	0.16	1.0	1.44	0.031	0.84	12.8	19.4	0.18	61	19.50	0.02	3.5	103.0
K311880		1.28	8.42	0.18	1.5	1.61	0.035	1.24	18.0	21.1	0.26	61	31.9	0.03	4.7	146.5
K311881		1.76	10.70	0.19	1.9	1.50	0.041	1.51	24.5	25.7	0.33	77	33.9	0.03	6.1	158.5
K311882		1.76	10.45	0.11	2.0	0.94	0.033	1.64	26.1	21.2	0.34	63	21.3	0.03	6.4	114.0
K311883		1.71	12.20	0.14	2.3	0.67	0.043	1.76	26.2	20.1	0.43	118	13.15	0.02	7.1	81.1
K311884		0.48	0.26	0.24	<0.1	<0.01	0.005	0.02	0.5	1.1	13.25	210	<0.05	<0.01	0.2	2.1
K311885		0.92	5.99	0.13	0.9	<0.01	0.025	0.88	12.1	17.9	0.18	51	19.25	0.02	3.3	101.0
K311886		1.10	7.13	0.17	1.2	0.91	0.031	1.07	13.9	20.1	0.20	63	26.8	0.02	4.0	119.5
K311887		2.73	8.82	0.13	1.4	0.01	0.042	1.24	18.5	17.7	0.27	78	24.7	0.03	4.9	136.5
K311888		2.97	9.52	0.09	1.6	<0.01	0.039	1.36	20.6	13.5	0.27	94	30.9	0.03	5.1	160.0
K311889		2.41	8.95	0.10	1.4	0.27	0.034	1.13	18.2	17.5	0.47	101	19.00	0.03	5.4	126.0
K311890		2.83	10.95	0.12	1.6	0.30	0.043	1.37	23.0	22.4	0.58	117	16.40	0.04	6.6	135.0
K311891		2.94	11.55	0.12	1.7	0.29	0.041	1.43	22.4	23.3	0.65	126	16.95	0.04	7.0	140.5
K311892		3.46	12.60	0.10	2.0	0.42	0.046	1.76	22.5	22.3	0.77	115	21.5	0.04	7.9	165.0
K311893		3.87	17.65	0.16	2.7	0.22	0.063	2.85	29.2	23.9	0.55	108	13.95	0.06	10.1	131.5
K311894		3.54	16.40	0.17	2.7	0.18	0.060	2.74	28.7	21.1	1.41	189	14.80	0.07	9.7	138.0
K311895		4.41	13.35	0.17	2.6	0.32	0.047	2.00	29.1	19.5	0.61	161	92.3	0.05	8.1	494
K311896		4.15	13.10	0.15	2.6	0.32	0.050	1.93	28.7	18.7	0.61	162	85.5	0.04	8.1	508
K311897		1.53	11.40	0.14	2.1	0.27	0.043	1.52	21.0	22.3	0.50	70	43.6	0.04	5.8	185.5
K311898		5.03	26.7	0.11	2.6	0.06	0.075	3.71	42.3	183.0	1.32	243	0.12	0.10	12.5	43.2
K311899		3.68	17.25	0.09	2.7	0.78	0.060	2.70	36.2	138.0	2.61	1860	0.49	0.05	9.9	28.9
K311900		1.30	2.03	<0.05	2.2	0.17	0.009	0.30	8.9	29.8	4.54	987	1.04	0.01	2.0	3.8
K311901		1.32	5.99	<0.05	2.0	0.31	0.021	1.05	14.9	19.0	6.25	664	2.83	0.02	4.0	11.4
K311902		2.98	9.78	<0.05	1.8	3.90	0.033	1.70	18.8	9.4	1.44	1180	1.52	0.02	6.2	24.8

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

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

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

Finalized Date: 26- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105968

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311867		850	14.8	90.4	0.010	2.96	6.63	9.7	9	1.7	72.6	1.08	0.16	7.3	0.334	2.14
K311868		730	14.9	90.3	0.008	3.16	7.37	9.3	10	1.7	74.3	1.08	0.18	7.4	0.332	2.61
K311869		1600	13.7	79.4	0.026	3.17	10.20	8.6	15	1.5	105.5	0.83	0.18	6.6	0.266	3.28
K311870		650	15.2	88.3	0.045	3.50	13.65	9.3	14	1.6	68.7	0.91	0.16	8.0	0.282	4.23
K311871		380	8.8	78.7	<0.002	2.49	9.31	9.0	2	1.4	724	0.41	0.05	5.7	0.259	10.85
K311872		2280	11.1	66.2	0.053	3.09	13.20	7.9	28	1.1	90.0	0.36	0.18	5.5	0.181	4.46
K311873		2440	11.7	66.7	0.076	3.41	14.90	7.5	27	1.4	94.6	0.41	0.21	5.0	0.181	6.04
K311874		3460	12.3	69.3	0.122	4.68	30.0	9.4	35	1.5	120.0	0.38	0.24	4.4	0.195	8.30
K311875		1550	17.8	99.7	0.175	3.71	29.2	9.4	42	2.2	124.5	0.53	0.23	6.7	0.267	8.58
K311876		4290	20.2	75.4	0.069	1.78	28.3	6.5	40	1.9	129.0	0.33	0.12	4.7	0.175	2.78
K311877		5730	32.7	103.0	0.027	2.03	24.4	6.4	38	6.9	225	1.31	0.05	20.0	0.195	2.32
K311878		190	1.3	0.9	<0.002	0.01	0.14	0.2	<1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02
K311879		>10000	11.1	47.3	0.041	1.04	26.0	4.9	37	0.7	159.5	0.21	0.08	2.9	0.111	1.46
K311880		5460	15.7	65.5	0.054	1.52	34.6	6.1	48	1.3	142.0	0.29	0.08	4.1	0.154	2.34
K311881		9490	18.8	77.0	0.068	2.05	37.7	8.1	51	1.5	248	0.36	0.14	4.7	0.179	2.84
K311882		5530	18.1	73.6	0.044	1.92	28.2	7.0	36	1.3	156.0	0.47	0.09	8.0	0.162	2.08
K311883		5300	21.0	78.9	0.029	1.89	27.6	6.5	35	2.7	212	0.78	0.08	10.5	0.149	1.93
K311884		170	1.3	2.1	0.002	0.01	0.15	0.2	1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	0.03
K311885		7130	11.5	45.8	0.042	0.96	21.5	4.3	35	0.7	152.5	0.21	0.05	2.8	0.102	1.29
K311886		5300	13.3	56.4	0.052	1.16	21.5	5.1	44	0.9	112.0	0.27	0.13	3.4	0.129	1.53
K311887		2180	11.2	60.7	0.060	2.97	22.6	5.8	35	1.1	82.7	0.33	0.14	4.0	0.160	4.54
K311888		3000	10.4	61.5	0.100	3.06	10.65	7.4	20	1.0	103.5	0.34	0.12	5.2	0.183	6.02
K311889		1520	8.5	58.7	0.046	2.50	7.81	7.3	19	1.0	87.3	0.34	0.10	4.4	0.179	4.15
K311890		3730	9.4	70.4	0.059	2.99	9.39	8.6	22	1.2	107.5	0.44	0.19	5.2	0.215	3.70
K311891		3450	10.3	75.0	0.057	3.10	9.88	9.1	23	1.4	114.0	0.47	0.15	5.3	0.222	3.91
K311892		1150	13.1	86.7	0.046	3.73	10.00	9.5	21	1.5	107.0	0.57	0.15	6.8	0.256	5.47
K311893		1840	19.8	143.5	0.057	3.98	21.1	14.2	33	2.0	117.0	0.68	0.13	8.2	0.366	3.62
K311894		1660	20.7	138.5	0.058	3.68	26.4	15.5	46	1.8	201	0.70	0.15	8.6	0.333	3.04
K311895		4070	20.3	101.0	0.364	4.94	39.9	10.5	48	1.4	356	0.52	0.15	6.9	0.242	13.15
K311896		3810	20.2	98.2	0.357	4.61	38.4	10.2	45	1.4	349	0.54	0.19	7.1	0.237	12.60
K311897		3130	20.1	92.1	0.093	1.75	43.2	7.8	41	1.2	198.0	0.39	0.12	5.0	0.173	2.81
K311898		710	10.2	152.5	<0.002	0.14	0.42	16.6	2	2.6	164.5	0.92	0.06	13.3	0.395	0.99
K311899		500	34.6	122.0	<0.002	1.88	1.31	12.0	1	2.1	152.0	0.73	0.07	11.8	0.326	2.44
K311900		1240	10.6	11.0	<0.002	0.23	0.57	1.4	1	0.3	76.8	0.14	<0.05	2.1	0.056	0.48
K311901		1210	11.9	38.9	0.006	0.42	1.07	3.6	3	0.8	144.5	0.31	<0.05	5.3	0.114	1.50
K311902		390	8.7	78.6	0.002	2.50	9.04	9.0	1	1.4	726	0.43	<0.05	5.5	0.259	10.80

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

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

Finalized Date: 26- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105968

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
K311867		6.8	577	1.4	25.9	469	107.5
K311868		7.6	566	1.6	27.6	462	108.5
K311869		8.5	612	1.6	34.8	531	79.2
K311870		9.5	570	2.4	21.3	367	88.7
K311871		2.4	73	5.4	16.2	48	59.4
K311872		9.5	818	0.8	31.6	829	50.9
K311873		9.4	783	0.9	36.8	739	54.2
K311874		14.3	817	1.1	57.1	1300	58.8
K311875		15.1	1340	1.7	21.9	1540	74.2
K311876		18.3	2270	1.0	34.9	3590	55.7
K311877		14.0	1160	0.8	36.3	1350	79.3
K311878		0.7	4	0.1	0.8	17	<0.5
K311879		11.5	1370	0.7	24.5	1600	37.4
K311880		16.5	2090	0.8	31.1	2660	49.2
K311881		22.3	1980	1.0	64.7	2920	67.3
K311882		19.5	1460	0.7	45.1	1520	61.0
K311883		13.9	1160	0.7	41.6	1200	64.4
K311884		0.6	4	0.1	0.8	18	<0.5
K311885		11.3	1440	0.6	21.3	1880	32.2
K311886		12.4	1660	1.0	19.4	1980	38.1
K311887		8.4	1100	1.1	23.7	1220	43.6
K311888		13.8	661	0.9	31.1	518	52.9
K311889		10.0	625	0.8	22.2	441	43.8
K311890		10.3	664	0.9	31.3	550	53.4
K311891		10.5	702	0.9	30.7	604	57.3
K311892		8.1	691	0.9	22.2	635	64.3
K311893		9.3	728	1.2	34.2	1040	89.9
K311894		10.9	782	1.2	35.9	1290	89.6
K311895		25.7	1070	0.9	47.2	1340	86.9
K311896		25.5	1030	0.9	45.3	1270	86.6
K311897		19.0	2240	0.7	33.3	2820	63.7
K311898		2.6	95	1.6	19.7	107	79.2
K311899		4.3	80	2.3	17.4	70	82.4
K311900		3.5	27	0.3	7.1	5	85.4
K311901		8.6	81	0.5	9.8	60	62.7
K311902		2.4	73	5.5	16.0	49	57.1

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

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

Finalized Date: 26- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14105968

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- 31d	PUL- QC	WSH- 22	

ALS Canada Ltd.

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

Finalized Date: 28- JUL- 2014
Account: RCM

CERTIFICATE WH14107832

Project: NADALEEN

P.O. No.: 14- 008

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

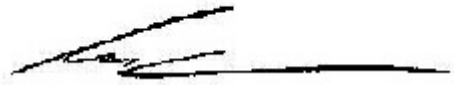
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 28- JUL- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14107832

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311903		11.66	0.01	0.20	2.08	25.3	130	0.63	0.07	15.40	0.15	26.2	3.1	18	6.05	16.9
K311904		11.95	<0.01	0.09	0.65	27.8	40	0.31	0.03	21.1	0.09	8.23	1.4	6	1.17	5.4
K311905		12.18	<0.01	0.07	0.68	246	40	0.26	0.04	20.0	0.08	8.03	1.4	5	1.28	5.4
K311906		11.80	0.01	0.18	2.19	686	270	0.81	0.07	16.10	0.09	25.6	3.1	18	7.62	15.2
K311907		7.04	<0.01	<0.01	0.07	2.3	10	<0.05	0.03	22.2	0.09	1.29	0.7	<1	0.14	2.9
K311908		12.04	0.02	0.71	2.48	37.7	110	0.81	0.08	14.00	0.24	32.1	4.1	24	9.68	23.9
K311909		11.90	0.01	0.79	2.99	49.4	320	0.86	0.09	11.55	0.36	35.9	4.9	33	12.50	19.3
K311910		11.83	<0.01	0.16	1.57	19.2	110	0.56	0.06	15.30	0.05	19.65	2.6	15	6.31	7.9
K311911		11.82	<0.01	0.05	1.12	20.4	120	0.48	0.05	18.85	0.04	14.40	1.7	9	3.05	8.8
K311912		11.42	0.01	0.14	1.60	26.9	100	0.62	0.04	14.45	0.07	20.8	2.5	15	4.72	7.4
K311913		0.30	0.52	0.09	3.73	2600	200	1.00	0.15	18.70	0.11	38.1	10.8	42	10.05	41.4
K311914		12.02	0.01	0.26	1.50	377	110	0.62	0.05	16.80	0.10	17.90	2.2	11	5.07	8.4
K311915		11.57	0.09	0.06	0.69	866	40	0.37	0.03	20.5	0.04	9.28	1.4	4	1.43	4.6
K311916		11.85	0.05	0.05	0.87	520	60	0.39	0.03	19.55	0.02	9.96	1.7	5	1.64	5.9
K311917		10.70	0.01	0.06	0.76	60.2	50	0.35	0.04	19.60	0.03	8.60	1.7	5	1.61	5.9
K311918		11.26	0.02	0.09	0.48	352	30	0.23	0.03	20.5	0.05	7.22	1.1	4	0.75	4.4
K311919		4.40	0.02	0.08	0.47	57.6	30	0.21	0.02	20.4	0.05	6.93	1.1	4	0.71	4.4
K311920		10.98	0.02	0.17	1.68	46.6	110	0.68	0.05	16.20	0.03	20.2	3.0	13	5.58	11.4
K311921		11.53	0.03	0.64	2.59	69.5	110	0.76	0.07	12.55	0.19	30.8	4.1	25	9.38	22.9
K311922		10.98	0.02	0.25	1.46	182.5	90	0.46	0.05	16.40	0.13	17.90	2.6	12	4.16	12.7
K311923		11.54	0.06	0.08	0.54	365	30	0.22	0.04	20.3	0.04	7.39	1.2	4	0.98	9.4
K311924		11.72	0.09	0.06	0.39	1275	10	0.14	0.02	21.1	0.05	5.74	1.1	4	0.35	3.7
K311925		11.42	0.10	0.05	0.45	1420	20	0.19	0.02	19.90	0.09	6.78	1.0	4	0.86	3.5
K311926		0.24	2.49	0.18	3.90	6440	210	0.94	0.12	12.05	0.15	42.4	12.3	48	10.80	38.2
K311927		11.71	0.03	0.08	0.85	137.5	50	0.40	0.03	18.20	0.05	12.25	1.7	9	2.29	6.1
K311928		11.39	0.06	0.10	0.89	988	60	0.35	0.03	17.95	0.09	11.90	1.8	10	2.05	6.8
K311929		11.32	0.06	0.03	0.40	524	30	0.23	0.01	18.85	0.06	6.93	0.9	5	0.79	3.8
K311930		11.06	0.16	0.05	0.72	1190	70	0.32	0.03	17.70	0.11	9.71	1.5	9	1.53	5.4
K311931		9.80	0.18	0.04	0.44	2080	30	0.21	0.01	19.05	0.09	6.80	1.2	7	0.61	3.3
K311932		11.26	0.10	0.04	2.19	3290	130	0.66	0.05	12.50	0.08	29.7	3.4	25	6.48	7.5
K311933		7.08	<0.01	<0.01	0.10	11.2	30	0.10	0.01	19.50	0.05	1.01	0.8	4	0.19	2.6
K311934		12.05	0.28	0.07	2.87	2320	110	0.89	0.07	12.15	0.05	34.5	4.5	35	8.10	17.7
K311935		<0.02	0.29	0.08	2.84	2250	110	0.84	0.07	12.35	0.06	36.2	4.6	33	8.21	17.8
K311936		10.58	0.41	0.03	1.38	3970	100	0.41	0.04	17.50	0.07	17.65	2.2	13	2.98	7.4
K311937		10.75	1.54	0.09	0.82	>10000	60	0.31	0.03	17.10	0.05	14.40	1.7	10	1.46	5.6
K311938		12.06	1.26	0.09	1.80	9720	150	0.52	0.06	16.65	0.08	26.1	3.8	21	4.87	14.2

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

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

Finalized Date: 28- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14107832

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311903		0.98	5.33	0.09	1.6	0.38	0.016	0.99	13.1	10.0	8.39	416	2.19	0.02	3.5	9.0
K311904		0.52	1.76	0.08	0.4	1.08	<0.005	0.29	4.6	3.3	11.75	288	0.56	0.01	1.1	3.6
K311905		0.41	1.81	0.06	0.4	0.85	0.006	0.32	4.4	3.8	11.45	247	0.55	0.01	1.1	3.4
K311906		0.89	5.56	0.12	1.5	0.69	0.016	1.05	12.5	12.6	9.25	239	2.33	0.02	3.6	8.9
K311907		0.53	0.21	0.07	<0.1	<0.01	<0.005	0.03	0.6	1.0	14.10	229	0.13	0.01	0.2	2.1
K311908		1.30	6.30	0.14	1.6	0.77	0.017	1.20	16.1	11.7	7.91	210	2.77	0.02	4.2	11.9
K311909		1.36	7.45	0.11	2.7	0.48	0.018	1.44	16.5	15.4	6.41	198	4.48	0.02	5.0	13.8
K311910		0.85	3.92	0.09	1.9	0.25	0.011	0.78	9.7	8.5	9.21	175	1.15	0.02	2.7	6.4
K311911		0.62	2.93	0.08	0.9	0.56	<0.005	0.53	7.6	6.6	11.25	166	0.92	0.02	1.8	4.4
K311912		0.91	3.97	0.09	2.6	0.61	0.010	0.77	10.0	7.5	8.05	228	1.05	0.02	2.8	6.7
K311913		3.11	9.78	0.13	1.9	4.05	0.036	1.76	17.2	9.0	1.47	1200	1.68	0.02	6.0	24.5
K311914		0.59	3.71	0.09	1.4	0.57	0.010	0.73	8.9	7.4	10.15	196	1.21	0.02	2.5	5.4
K311915		0.34	1.84	0.08	0.5	0.76	0.006	0.33	5.0	4.1	12.85	324	0.50	0.02	1.1	3.4
K311916		0.38	2.23	0.09	0.6	0.84	<0.005	0.41	5.3	5.2	12.10	277	0.44	0.01	1.3	3.9
K311917		0.36	2.02	0.08	0.5	0.82	<0.005	0.36	4.8	4.6	12.25	269	0.46	0.01	1.2	4.2
K311918		0.34	1.32	0.10	0.2	0.75	<0.005	0.22	4.2	3.0	12.85	374	0.51	0.01	0.7	2.7
K311919		0.33	1.24	0.09	0.3	0.65	<0.005	0.21	4.0	3.0	12.75	376	0.77	0.01	0.7	2.8
K311920		0.81	4.30	0.09	1.2	0.98	0.010	0.84	10.2	10.0	10.10	189	1.56	0.02	2.7	8.1
K311921		1.31	6.28	0.15	1.7	1.82	0.018	1.27	14.5	12.0	7.56	180	2.78	0.02	4.1	13.1
K311922		0.90	3.78	0.11	1.0	2.37	0.009	0.71	9.0	8.3	10.15	260	1.93	0.02	2.3	7.8
K311923		0.53	1.37	0.10	0.3	8.20	0.006	0.23	4.1	3.6	12.35	346	0.62	0.02	0.8	3.1
K311924		0.37	1.02	0.11	0.2	1.44	0.006	0.15	3.4	2.2	13.10	443	2.14	0.01	0.6	2.6
K311925		0.32	1.23	0.09	0.3	0.95	<0.005	0.21	3.8	3.2	12.55	362	0.56	0.01	0.7	2.4
K311926		2.98	10.90	0.08	2.1	17.1	0.034	1.82	22.0	12.2	2.63	1210	1.69	0.02	6.1	27.4
K311927		0.44	2.39	0.10	0.6	0.86	0.009	0.42	6.9	5.5	11.35	217	0.61	0.01	1.4	4.5
K311928		0.48	2.49	0.13	0.5	1.05	0.007	0.43	6.9	5.2	10.85	335	0.63	0.01	1.5	4.8
K311929		0.28	1.19	0.14	0.3	0.56	<0.005	0.19	4.4	2.9	11.25	385	0.18	0.01	0.6	2.1
K311930		0.35	2.07	0.22	0.5	1.47	0.008	0.33	5.8	5.1	10.80	467	0.33	0.01	1.1	4.1
K311931		0.37	1.20	0.17	0.3	1.09	0.005	0.17	4.2	3.3	11.45	652	0.31	0.01	0.7	2.8
K311932		1.12	5.84	0.13	2.0	1.55	0.018	1.08	15.3	15.0	8.03	393	0.29	0.02	4.0	9.3
K311933		0.45	0.28	0.16	<0.1	0.01	<0.005	0.03	0.5	1.7	12.10	199	0.16	<0.01	0.2	2.6
K311934		1.28	7.59	0.17	2.5	4.21	0.020	1.49	17.7	14.7	7.03	488	0.57	0.02	4.9	12.1
K311935		1.30	7.91	0.17	2.6	4.05	0.016	1.45	19.0	14.6	7.11	489	0.61	0.02	5.0	12.6
K311936		0.65	3.55	0.11	1.1	2.23	0.007	0.62	9.9	7.7	9.83	1280	0.18	0.02	2.2	5.9
K311937		0.72	2.08	0.09	0.8	4.45	0.008	0.39	7.9	4.6	9.61	1050	0.55	0.02	1.4	4.6
K311938		1.11	4.66	0.15	1.5	5.96	0.013	0.87	13.6	9.0	9.47	673	0.44	0.02	3.3	9.1

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VANCOUVER BC V6B 1L8

Finalized Date: 28- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14107832

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311903		610	11.2	34.2	0.002	0.42	0.67	3.3	1	0.7	146.0	0.27	<0.05	4.8	0.107	1.20
K311904		140	7.5	9.8	<0.002	0.22	0.30	1.0	1	0.2	151.0	0.09	<0.05	1.4	0.033	0.82
K311905		140	8.0	10.5	<0.002	0.23	0.64	1.1	1	0.3	126.5	0.09	<0.05	1.4	0.033	0.67
K311906		590	12.0	35.3	<0.002	0.50	1.12	3.3	2	0.7	117.0	0.27	<0.05	4.8	0.110	1.31
K311907		180	2.7	1.1	<0.002	0.01	0.09	0.2	1	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	<0.02
K311908		940	14.5	40.4	0.002	0.54	0.43	3.8	3	0.8	117.5	0.35	<0.05	5.9	0.126	1.64
K311909		1220	17.5	49.5	0.014	0.76	0.57	4.6	2	1.0	155.5	0.40	<0.05	6.9	0.156	1.98
K311910		450	9.9	25.7	<0.002	0.38	0.25	2.4	2	0.6	136.0	0.21	<0.05	3.9	0.084	0.87
K311911		250	7.6	16.8	<0.002	0.43	0.29	1.8	1	0.4	149.0	0.14	<0.05	2.5	0.055	0.97
K311912		620	11.4	24.5	<0.002	0.40	0.43	2.4	2	0.5	137.0	0.22	<0.05	4.1	0.087	1.18
K311913		390	9.0	77.2	<0.002	2.63	9.30	8.8	2	1.3	751	0.43	0.06	5.8	0.282	11.00
K311914		410	8.5	23.9	0.004	0.35	0.94	2.3	1	0.5	114.0	0.21	0.05	3.4	0.076	1.07
K311915		120	6.1	10.6	<0.002	0.31	1.94	1.1	<1	0.2	93.3	0.08	<0.05	1.4	0.033	1.62
K311916		200	5.6	13.2	<0.002	0.28	1.16	1.3	1	0.2	108.0	0.11	<0.05	1.8	0.043	1.28
K311917		150	6.6	11.6	<0.002	0.26	0.77	1.2	2	0.2	106.5	0.10	<0.05	1.6	0.037	0.83
K311918		170	7.6	6.9	<0.002	0.28	1.20	0.8	1	0.2	103.5	0.06	<0.05	1.0	0.023	0.95
K311919		140	6.6	6.8	<0.002	0.25	0.82	0.8	1	0.2	101.5	0.06	<0.05	0.9	0.022	0.89
K311920		430	14.6	27.1	<0.002	0.70	0.75	2.6	2	0.5	79.7	0.21	<0.05	3.8	0.083	1.86
K311921		860	21.8	42.2	<0.002	0.98	0.85	4.0	2	0.8	78.7	0.34	<0.05	5.9	0.127	2.82
K311922		500	13.8	23.5	<0.002	0.77	1.25	2.3	1	0.5	94.0	0.19	<0.05	3.3	0.076	2.20
K311923		100	7.4	6.9	<0.002	0.32	1.51	0.9	1	0.2	90.2	0.06	<0.05	1.1	0.026	3.35
K311924		170	5.2	4.5	<0.002	0.38	2.11	0.7	1	0.2	85.0	0.05	<0.05	0.8	0.019	1.58
K311925		150	5.5	6.7	<0.002	0.35	2.55	0.8	<1	<0.2	80.3	0.06	<0.05	1.0	0.023	1.32
K311926		470	11.4	87.0	0.002	2.66	25.0	10.7	2	1.7	326	0.44	0.09	6.2	0.275	43.5
K311927		180	7.8	13.7	0.002	0.39	1.34	1.5	1	0.3	88.7	0.11	<0.05	1.8	0.042	1.42
K311928		230	7.4	13.6	<0.002	0.47	2.15	1.5	1	0.3	93.3	0.12	<0.05	2.0	0.044	1.53
K311929		200	2.9	6.1	<0.002	0.25	1.06	0.7	1	<0.2	86.4	0.05	<0.05	0.8	0.019	0.82
K311930		190	5.1	10.9	0.002	0.36	2.46	1.3	1	0.2	106.5	0.08	<0.05	1.5	0.033	2.24
K311931		180	3.9	5.5	0.002	0.41	3.30	0.9	1	<0.2	95.5	0.05	<0.05	0.9	0.019	1.74
K311932		420	7.6	39.1	<0.002	0.97	4.37	3.4	1	0.7	97.2	0.29	<0.05	5.2	0.116	2.08
K311933		180	1.2	1.3	<0.002	0.01	0.05	0.2	1	<0.2	44.9	<0.05	<0.05	<0.2	<0.005	0.02
K311934		440	10.1	51.5	<0.002	0.93	5.72	4.5	2	1.0	133.5	0.36	<0.05	6.8	0.150	7.92
K311935		440	10.2	53.1	0.002	0.91	5.75	4.7	2	1.0	137.0	0.38	<0.05	6.9	0.146	8.03
K311936		250	5.1	20.7	<0.002	0.62	6.79	2.5	1	0.4	140.5	0.16	<0.05	3.0	0.066	5.05
K311937		130	7.1	12.0	0.002	1.17	23.5	1.6	1	0.3	158.5	0.10	<0.05	1.9	0.042	10.80
K311938		370	10.1	31.1	0.002	1.30	16.70	3.2	2	0.6	159.0	0.23	<0.05	4.1	0.092	12.65

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K311903		13.9	38	0.5	8.9	27	54.0	
K311904		18.8	15	0.3	2.9	22	13.8	
K311905		15.0	15	0.5	2.9	10	13.6	
K311906		10.9	38	0.7	8.5	19	54.1	
K311907		0.7	2	0.1	0.8	18	0.7	
K311908		9.3	69	0.6	10.3	42	54.3	
K311909		7.3	140	0.7	11.4	73	99.1	
K311910		11.0	30	0.4	7.1	12	68.5	
K311911		13.8	20	0.9	5.1	6	28.3	
K311912		8.4	24	0.9	8.1	10	103.5	
K311913		2.3	77	5.5	15.5	49	67.7	
K311914		12.2	48	1.1	6.3	8	51.5	
K311915		11.6	14	0.9	3.4	8	15.7	
K311916		9.6	13	1.0	3.8	3	19.9	
K311917		10.8	14	0.9	3.1	2	14.3	
K311918		13.5	16	0.6	2.7	4	8.0	
K311919		12.5	15	0.6	2.6	5	7.6	
K311920		12.0	31	1.5	6.7	8	39.4	
K311921		8.8	70	2.1	9.7	30	56.5	
K311922		14.1	43	1.5	5.9	20	33.8	
K311923		15.3	15	0.8	2.9	5	8.2	
K311924		12.4	11	0.6	2.6	5	7.3	
K311925		11.5	11	0.7	2.7	9	9.5	
K311926		6.6	87	8.1	18.3	48	75.5	
K311927		13.8	18	1.2	4.3	5	19.7	
K311928		13.3	20	1.3	4.4	8	18.7	
K311929		7.5	12	0.5	3.4	2	10.0	
K311930		11.8	19	0.9	3.5	15	15.5	
K311931		13.2	13	0.7	3.3	8	9.3	
K311932		7.1	36	1.8	9.4	12	72.6	
K311933		0.6	2	0.1	0.7	14	0.5	
K311934		8.1	53	2.0	11.0	16	90.9	
K311935		8.2	53	2.1	11.4	16	92.1	
K311936		7.8	22	1.3	5.6	11	39.2	
K311937		10.5	13	1.0	4.2	6	29.1	1.675
K311938		9.9	29	1.6	8.8	11	48.9	

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

Finalized Date: 28- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14107832

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	PUL- 31	PUL- 31d	PUL- QC
WSH- 22			

ALS Canada Ltd.

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

Finalized Date: 2- AUG- 2014
Account: RCM

CERTIFICATE WH14110050

Project: NADALEEN

P.O. No.: 14- 009

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

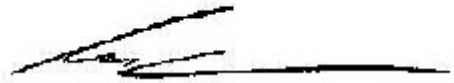
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 2- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110050

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311939		11.42	1.21	0.08	3.30	7330	160	1.04	0.08	10.45	0.10	42.1	4.9	37	12.50	16.9
K311940		3.31	3.08	0.16	3.97	9260	110	1.33	0.09	10.85	0.08	48.7	7.6	35	18.05	22.0
K311941		3.46	2.59	0.17	2.46	10000	100	0.76	0.06	15.90	0.16	34.0	4.8	23	9.29	23.6
K311942		5.67	3.22	0.17	1.51	>10000	120	0.35	0.04	18.40	0.21	25.6	3.0	14	4.87	11.7
K311943		5.40	<0.01	0.01	0.06	35.2	30	0.06	0.05	21.1	0.06	1.38	0.7	1	0.16	1.7
K311944		6.63	0.58	0.08	3.05	426	150	0.97	0.08	16.75	0.20	34.9	5.3	28	10.00	14.2
K311945		6.19	1.71	0.08	1.66	7840	160	0.52	0.04	19.00	0.14	23.5	3.5	16	4.15	11.8
K311946		6.78	0.88	0.80	1.57	>10000	40	0.54	0.05	16.35	0.07	20.9	3.1	16	4.63	13.4
K311947		3.20	1.61	0.23	3.37	1025	90	0.96	0.10	11.65	0.22	37.6	6.5	35	8.58	21.1
K311948		5.84	0.02	0.05	1.08	2130	70	0.45	0.04	19.30	0.06	14.80	2.3	11	2.84	11.9
K311949		0.26	2.50	0.18	3.54	5650	190	0.85	0.12	10.70	0.15	38.6	11.7	42	10.30	36.3
K311950		7.98	0.01	0.04	1.35	128.0	110	0.49	0.04	18.00	0.03	17.80	2.8	13	3.72	11.5
K311951		8.18	0.01	0.06	1.87	61.9	120	0.60	0.06	17.60	0.08	22.7	4.5	18	5.06	16.5
K311952		7.52	<0.01	0.11	2.55	105.0	120	0.82	0.07	12.85	0.07	31.2	6.0	27	7.79	15.3
K311953		5.08	<0.01	0.13	3.00	394	140	0.92	0.07	10.95	0.07	37.6	6.1	33	8.81	14.8
K311954		6.27	<0.01	0.06	2.51	93.3	100	0.81	0.08	14.40	0.04	31.4	6.7	26	8.85	17.4
K311955		2.09	<0.01	0.05	1.27	52.8	50	0.45	0.04	19.95	0.03	21.2	2.7	13	3.99	7.0
K311956		6.72	<0.01	0.04	2.21	80.7	100	0.71	0.07	24.8	0.09	27.6	4.7	21	7.65	13.4
K311957		3.24	<0.01	0.04	2.23	94.9	130	0.74	0.07	24.7	0.09	28.4	4.8	21	7.74	13.3
K311958		4.31	<0.01	0.04	1.11	449	50	0.38	0.04	29.4	0.22	19.90	2.5	11	2.99	7.9
K311959		7.82	<0.01	0.07	1.61	56.8	80	0.50	0.05	28.7	0.04	19.65	3.1	16	3.89	9.1
K311960		0.26	0.49	0.09	3.58	2540	200	0.85	0.13	18.45	0.13	38.4	11.2	41	10.20	41.9
K311961		7.40	0.01	0.04	2.79	37.5	130	0.91	0.07	23.0	0.05	32.7	5.1	29	6.76	19.8
K311962		7.77	<0.01	0.03	1.97	31.5	250	0.69	0.05	24.3	0.04	24.6	3.3	20	4.86	10.2
K311963		7.74	<0.01	0.07	2.69	52.7	140	1.05	0.06	22.7	0.05	33.4	5.4	30	8.60	14.9
K311964		7.02	<0.01	0.05	2.20	61.0	100	0.88	0.05	24.6	0.03	26.5	4.9	23	6.38	11.9
K311965		6.59	0.40	0.06	1.75	926	90	0.52	0.05	23.4	0.09	21.8	2.7	21	3.11	9.6
K311966		5.96	<0.01	0.01	0.05	0.2	20	0.05	0.02	20.8	0.06	1.09	0.7	1	0.11	2.3
K311967		6.84	<0.01	0.06	1.37	77.6	50	0.39	0.04	23.5	0.07	19.95	2.7	15	2.68	9.4
K311968		7.21	<0.01	0.07	1.18	40.9	50	0.37	0.03	26.3	0.30	17.30	2.2	13	2.06	7.1
K311969		7.07	<0.01	0.06	1.37	41.3	90	0.45	0.04	28.2	0.36	20.3	2.9	17	2.84	9.1
K311970		7.95	<0.01	0.06	3.58	65.1	130	1.06	0.08	12.60	0.10	43.4	5.8	43	8.22	20.6
K311971		6.64	<0.01	0.03	2.49	44.4	150	0.77	0.07	19.95	0.06	29.8	4.7	27	5.43	15.8
K311972		8.93	<0.01	0.04	3.14	39.9	160	0.90	0.07	17.60	0.07	37.3	5.0	34	7.28	19.0
K311973		<0.02	<0.01	0.03	2.98	40.5	150	0.87	0.07	16.85	0.06	36.5	4.9	34	7.08	18.5
K311974		7.96	<0.01	0.03	4.09	47.7	180	1.15	0.10	12.70	0.06	48.0	5.1	45	10.00	20.8

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

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VANCOUVER BC V6B 1L8

Finalized Date: 2- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311939		1.47	8.61	0.13	2.8	5.41	0.025	1.72	21.8	16.8	5.75	851	0.58	0.02	5.5	13.4
K311940		2.20	10.35	0.13	1.5	7.83	0.024	2.17	26.3	21.4	6.33	1620	0.53	0.02	5.3	21.6
K311941		1.31	6.28	0.09	1.3	6.52	0.018	1.27	18.2	13.0	7.43	2080	0.64	0.02	3.6	12.3
K311942		0.94	4.00	0.09	0.6	6.15	0.017	0.74	14.1	7.0	7.92	2860	0.69	0.01	2.0	8.1
K311943		0.45	0.25	0.10	<0.1	0.01	<0.005	0.02	0.7	1.2	12.65	206	0.15	0.01	0.2	1.7
K311944		1.48	7.69	0.11	1.9	2.67	0.021	1.55	18.5	15.8	4.18	882	0.65	0.02	4.6	13.8
K311945		1.11	4.34	0.11	0.9	5.66	0.014	0.83	12.0	7.7	6.78	1740	0.52	0.01	2.6	9.3
K311946		1.06	4.32	0.10	1.1	4.00	0.015	0.81	11.0	8.0	9.20	839	0.41	0.02	2.7	7.9
K311947		1.50	9.12	0.12	2.0	7.59	0.027	1.77	21.3	14.7	7.02	1820	1.42	0.02	5.6	17.0
K311948		0.88	2.98	0.12	0.6	0.67	0.009	0.57	8.6	6.2	10.20	267	0.45	0.02	1.9	5.7
K311949		2.67	9.75	0.13	1.9	15.5	0.032	1.65	20.5	12.1	2.41	1100	1.70	0.01	5.9	24.9
K311950		0.90	3.61	0.11	0.7	0.42	0.013	0.74	9.7	7.0	10.10	214	0.35	0.02	2.3	6.5
K311951		1.11	5.05	0.12	0.9	0.45	0.015	0.99	12.7	10.0	9.09	198	0.25	0.02	3.2	11.1
K311952		1.72	6.77	0.10	1.3	0.51	0.019	1.42	16.8	16.2	7.67	179	0.91	0.02	4.3	15.2
K311953		1.83	8.07	0.13	2.4	0.55	0.023	1.57	19.9	19.2	6.33	234	0.54	0.02	5.4	15.6
K311954		2.28	6.81	0.10	1.5	0.35	0.020	1.36	16.9	16.1	7.76	226	0.38	0.02	4.5	18.7
K311955		2.52	3.45	0.10	0.6	0.41	0.012	0.68	9.4	7.9	6.97	374	0.38	0.01	2.0	6.9
K311956		1.21	5.85	0.13	1.1	0.57	0.019	1.22	14.8	14.3	1.75	157	0.48	0.02	3.5	12.5
K311957		1.16	5.94	0.11	1.2	0.55	0.017	1.23	15.7	14.4	1.82	160	0.50	0.02	3.6	13.4
K311958		0.58	2.92	0.10	0.7	0.47	0.007	0.62	10.4	6.1	1.34	168	0.41	0.01	1.8	6.1
K311959		0.67	4.10	0.11	1.0	0.49	0.014	0.87	10.9	9.4	1.46	137	0.41	0.01	2.5	7.3
K311960		2.96	9.50	0.12	1.8	4.02	0.035	1.68	19.3	9.6	1.40	1180	1.51	0.02	6.2	23.4
K311961		1.12	7.19	0.11	1.1	0.53	0.022	1.52	17.7	19.0	1.58	194	0.43	0.01	4.1	12.7
K311962		0.94	5.02	0.12	1.3	0.46	0.015	1.09	13.1	11.2	2.28	172	0.40	0.02	3.2	8.3
K311963		1.07	7.12	0.14	1.4	0.60	0.023	1.47	18.1	18.9	1.74	159	0.73	0.02	4.6	11.9
K311964		1.10	5.77	0.13	1.2	0.55	0.017	1.18	14.0	14.3	2.21	153	0.59	0.02	3.6	10.3
K311965		0.59	4.51	0.13	1.2	1.77	0.016	0.86	11.1	8.4	3.01	520	0.60	0.01	3.1	6.1
K311966		0.46	0.21	0.10	<0.1	<0.01	<0.005	0.02	0.5	0.9	12.65	210	0.09	0.01	0.2	1.4
K311967		0.82	3.57	0.10	0.8	0.65	0.009	0.69	10.4	6.9	5.51	361	0.65	0.01	2.4	5.9
K311968		0.76	3.02	0.11	0.9	0.56	0.010	0.60	9.2	5.8	3.01	235	0.60	0.01	2.2	4.1
K311969		0.59	3.59	0.11	0.9	0.83	0.011	0.71	10.7	7.8	2.19	202	0.60	0.01	2.5	6.0
K311970		1.69	9.40	0.12	2.2	0.73	0.026	1.88	22.5	22.3	5.75	295	0.85	0.03	6.3	15.5
K311971		1.29	6.68	0.11	1.2	0.69	0.018	1.28	16.3	15.1	3.69	237	0.32	0.02	4.3	10.1
K311972		1.22	8.47	0.14	1.8	0.91	0.023	1.57	19.7	20.0	3.03	219	0.51	0.02	5.5	12.5
K311973		1.20	8.09	0.11	1.7	0.98	0.024	1.53	19.2	19.4	2.94	210	0.51	0.02	5.4	12.5
K311974		1.29	11.00	0.13	2.3	0.53	0.032	2.16	25.9	22.5	3.10	245	0.47	0.02	7.3	12.9

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Finalized Date: 2- AUG- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311939		560	10.4	64.8	<0.002	1.21	18.10	5.5	2	1.0	148.0	0.43	<0.05	7.6	0.161	22.5
K311940		460	11.8	80.4	<0.002	2.12	26.6	6.8	2	0.9	154.0	0.41	<0.05	7.4	0.160	35.7
K311941		420	9.0	47.7	<0.002	1.24	22.7	4.2	2	0.7	169.0	0.27	<0.05	4.8	0.105	26.7
K311942		250	9.8	27.0	<0.002	2.23	27.6	2.6	1	0.4	171.5	0.15	<0.05	2.8	0.058	25.2
K311943		200	1.4	1.1	<0.002	<0.01	0.12	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.20
K311944		490	11.5	54.8	<0.002	0.99	3.72	4.8	1	0.8	498	0.35	<0.05	6.2	0.129	6.81
K311945		330	7.3	30.8	<0.002	1.10	18.45	3.2	2	0.5	346	0.19	<0.05	3.2	0.072	13.40
K311946		350	6.8	30.8	<0.002	1.58	26.2	2.7	1	0.5	148.0	0.20	<0.05	3.3	0.074	9.18
K311947		440	13.5	65.8	0.003	1.04	13.30	5.5	2	1.1	181.0	0.43	0.05	6.8	0.160	22.0
K311948		150	7.7	19.9	<0.002	0.75	2.06	2.0	1	0.4	181.0	0.13	<0.05	2.3	0.050	1.30
K311949		420	10.5	80.5	0.002	2.45	22.2	10.5	1	1.5	306	0.43	0.07	5.8	0.247	40.7
K311950		210	6.1	26.7	<0.002	0.54	0.50	2.5	1	0.5	190.0	0.17	<0.05	2.9	0.063	0.58
K311951		290	8.0	36.0	<0.002	0.83	0.52	3.4	1	0.7	283	0.24	<0.05	4.0	0.088	0.64
K311952		370	10.4	51.8	0.002	1.25	0.52	4.3	1	0.8	285	0.31	<0.05	5.3	0.117	0.66
K311953		420	10.5	59.1	<0.002	1.13	0.80	5.1	1	1.1	305	0.39	<0.05	6.9	0.144	0.85
K311954		350	10.6	50.7	<0.002	1.59	0.91	4.4	1	0.9	313	0.33	<0.05	5.6	0.119	0.56
K311955		140	4.8	24.6	<0.002	0.37	0.74	2.3	1	0.4	254	0.15	<0.05	2.4	0.054	0.27
K311956		270	10.4	45.6	0.002	0.88	0.66	3.9	1	0.7	731	0.27	<0.05	4.8	0.100	0.37
K311957		280	9.2	46.6	0.002	0.79	0.72	4.0	2	0.7	716	0.27	<0.05	4.6	0.098	0.38
K311958		180	7.4	21.7	0.002	0.28	2.76	2.4	1	0.4	711	0.13	<0.05	2.5	0.049	0.24
K311959		210	6.9	31.3	<0.002	0.25	0.47	2.7	1	0.5	802	0.18	<0.05	3.2	0.071	0.26
K311960		380	8.6	78.1	0.002	2.57	9.35	9.4	1	1.4	740	0.44	0.06	5.8	0.259	10.30
K311961		550	6.6	55.0	<0.002	0.44	0.28	4.7	1	0.8	781	0.30	<0.05	5.6	0.115	0.49
K311962		300	6.0	39.2	<0.002	0.29	0.15	3.3	1	0.6	739	0.23	<0.05	4.3	0.087	0.27
K311963		350	9.3	55.4	<0.002	0.51	0.24	4.7	2	0.9	656	0.34	<0.05	5.9	0.126	0.43
K311964		270	9.1	42.8	<0.002	0.72	0.26	3.7	1	0.7	1025	0.26	<0.05	4.8	0.103	0.56
K311965		400	8.8	29.9	<0.002	0.38	4.74	2.9	1	0.6	903	0.23	<0.05	4.2	0.086	1.62
K311966		190	1.8	1.0	<0.002	0.01	<0.05	0.1	<1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	<0.02
K311967		250	10.6	22.8	<0.002	0.33	0.45	2.4	1	0.5	632	0.18	<0.05	3.2	0.066	0.61
K311968		220	13.6	20.1	<0.002	0.42	0.45	2.0	2	0.4	726	0.15	<0.05	2.8	0.059	0.55
K311969		250	15.8	24.5	<0.002	0.30	0.32	2.3	2	0.5	1910	0.19	<0.05	3.3	0.071	0.76
K311970		480	12.1	67.6	<0.002	0.69	0.38	6.0	3	1.3	459	0.47	<0.05	8.2	0.180	0.79
K311971		330	7.5	47.3	<0.002	0.32	0.22	4.3	2	0.9	522	0.32	<0.05	5.5	0.117	0.46
K311972		380	7.7	60.1	<0.002	0.46	0.28	5.4	2	1.1	569	0.41	<0.05	7.0	0.150	0.40
K311973		360	7.7	57.5	<0.002	0.46	0.27	5.2	1	1.1	548	0.41	<0.05	6.8	0.147	0.41
K311974		540	8.0	81.5	<0.002	0.42	0.26	6.9	2	1.5	349	0.54	<0.05	9.4	0.205	0.48

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

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

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

Finalized Date: 2- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110050

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K311939		5.6	55	2.5	13.5	20	102.5	
K311940		9.4	62	3.1	10.6	20	54.9	
K311941		11.4	51	1.8	9.0	29	46.7	1.075
K311942		11.5	31	1.3	5.7	31	21.1	2.62
K311943		0.9	2	0.1	0.8	14	0.5	
K311944		7.9	49	2.1	10.4	67	72.0	
K311945		8.8	31	1.0	7.2	27	32.5	
K311946		8.3	28	2.6	6.2	11	37.0	1.480
K311947		14.8	60	2.2	8.8	53	64.0	
K311948		9.7	17	0.6	4.5	13	20.3	
K311949		6.5	79	7.4	18.3	44	68.2	
K311950		9.9	21	0.5	5.7	12	25.5	
K311951		9.1	30	0.7	6.5	29	29.9	
K311952		9.6	45	0.6	8.6	33	48.5	
K311953		9.6	59	1.1	10.3	44	84.2	
K311954		10.8	39	0.7	8.6	23	51.6	
K311955		12.6	22	0.4	6.8	18	20.8	
K311956		21.4	33	0.6	8.2	43	42.1	
K311957		21.7	33	0.6	8.6	47	42.6	
K311958		28.8	19	0.4	6.6	48	26.4	
K311959		17.2	27	0.6	6.5	28	34.8	
K311960		2.5	73	5.4	16.7	48	65.5	
K311961		9.6	45	0.8	9.5	28	41.4	
K311962		10.8	33	0.4	7.6	12	45.7	
K311963		11.9	45	0.6	10.0	19	51.2	
K311964		12.7	35	0.9	7.9	20	43.3	
K311965		14.1	29	1.3	7.9	39	46.5	
K311966		0.6	1	0.1	0.8	15	<0.5	
K311967		12.9	26	0.8	6.3	27	26.5	
K311968		13.5	20	0.6	6.7	70	32.7	
K311969		14.4	26	0.6	6.5	136	31.1	
K311970		6.3	59	1.2	13.4	45	77.2	
K311971		8.7	38	0.8	9.8	26	44.5	
K311972		8.9	48	1.0	11.8	28	62.6	
K311973		8.6	47	1.0	11.3	24	60.7	
K311974		7.2	64	0.9	14.6	22	81.2	

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

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14110050

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WSH- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	WEI- 21	WSH- 22	

ALS Canada Ltd.

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

Finalized Date: 6- AUG- 2014
Account: RCM

CERTIFICATE WH14113437

Project: NADALEEN

P.O. No.: 14- 010

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

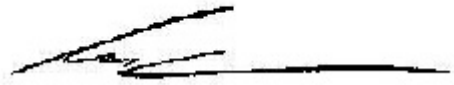
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
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Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113437

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K311975		7.87	0.08	0.02	1.11	45.3	140	0.43	0.04	27.6	0.08	18.75	2.6	13	1.81	7.8
K311976		7.96	0.04	0.05	2.52	96.3	120	0.77	0.07	22.1	0.07	29.5	4.1	30	5.46	13.6
K311977		7.17	0.01	0.05	3.02	114.5	160	0.91	0.10	19.80	0.07	37.1	6.2	35	7.26	19.7
K311978		7.54	0.01	0.03	3.94	66.5	220	1.18	0.10	12.10	0.06	49.7	6.8	49	8.86	23.6
K311979		0.26	0.49	0.10	3.64	2610	200	0.88	0.13	18.45	0.11	39.1	11.1	44	10.30	41.4
K311980		7.18	0.01	0.03	1.57	70.8	90	0.51	0.04	28.7	0.28	19.25	3.0	18	3.24	11.5
K311981		8.18	0.02	0.04	3.66	101.0	180	1.06	0.11	17.25	0.10	42.9	5.2	43	6.96	25.0
K311982		6.85	0.02	0.04	3.69	99.1	160	0.99	0.11	13.40	0.13	42.7	5.1	44	6.34	24.8
K311983		4.90	<0.01	0.01	0.05	<0.2	20	0.07	0.03	21.4	0.08	1.34	0.7	1	0.12	2.7
K311984		7.83	0.05	0.03	2.37	143.0	180	0.81	0.08	23.4	0.20	28.6	3.9	27	3.74	11.7
K311985		8.05	0.43	0.22	3.94	325	300	1.07	0.11	17.60	0.15	42.3	6.3	46	6.11	40.8
K311986		8.16	0.27	0.05	3.28	349	150	0.93	0.09	19.80	0.09	36.9	5.9	41	5.44	21.0
K311987		6.81	0.54	0.05	2.12	251	140	0.68	0.06	22.9	0.06	28.7	3.6	26	2.63	8.2
K311988		8.21	0.48	0.07	4.32	352	190	1.13	0.10	11.30	0.07	51.2	7.5	53	5.38	24.0
K311989		5.56	9.54	3.63	2.89	>10000	100	0.54	0.08	7.17	1.35	40.0	5.7	42	3.91	18.5
K311990		4.82	0.01	<0.01	0.04	129.5	20	0.05	0.02	20.5	0.05	0.99	0.7	<1	0.11	1.6
K311991		2.63	1.08	0.20	1.24	700	60	0.44	0.03	27.9	0.45	17.30	2.6	16	1.58	6.9
K311992		8.39	1.82	0.15	2.12	1000	80	0.63	0.06	22.0	0.28	26.9	4.1	27	3.20	12.9
K311993		8.03	1.90	0.05	3.46	1185	100	1.01	0.10	13.05	0.14	39.4	6.0	42	8.29	21.0
K311994		8.39	1.92	0.10	3.36	1145	120	0.97	0.11	13.50	0.13	41.5	5.1	38	6.54	29.8
K311995		8.08	0.14	0.07	4.12	325	260	1.45	0.13	10.60	0.07	46.0	7.7	50	8.90	25.2
K311996		<0.02	0.14	0.07	4.30	348	290	1.48	0.13	11.20	0.08	47.9	8.0	50	9.21	26.0
K311997		7.54	0.01	0.05	4.01	86.8	150	1.46	0.12	10.60	0.09	48.5	6.8	46	13.15	24.1
K311998		7.96	<0.01	0.06	3.86	50.3	200	1.31	0.12	10.85	0.14	48.1	7.0	45	8.83	24.4
K311999		5.99	<0.01	0.03	3.49	137.0	210	1.12	0.11	12.85	0.06	43.3	5.8	41	7.26	22.3
K312000		7.11	0.01	0.04	3.11	79.3	170	1.06	0.12	20.9	0.08	38.2	6.0	34	6.79	27.4
K310201		6.09	<0.01	0.04	2.15	99.9	150	0.81	0.08	24.5	0.08	27.7	3.4	26	4.20	12.5
K310202		3.10	<0.01	0.03	2.23	87.0	130	0.85	0.08	25.0	0.07	27.9	3.3	24	4.21	12.6
K310203		7.55	<0.01	0.05	9.77	7.5	400	2.62	0.42	0.26	<0.02	71.0	21.0	78	10.60	50.7
K310204		9.41	<0.01	0.04	9.17	14.6	320	2.49	0.38	0.26	0.04	87.5	20.0	72	9.77	42.3
K310205		12.05	0.01	0.06	9.89	9.2	340	2.73	0.41	0.20	0.02	86.4	23.3	75	11.35	48.5
K310206		9.90	<0.01	0.06	8.52	15.1	340	2.48	0.37	0.28	0.03	85.5	19.7	69	8.72	39.9
K310207		9.45	<0.01	0.04	9.01	8.4	360	2.65	0.40	0.25	0.03	92.0	20.0	71	9.73	45.5
K310208		0.26	2.46	0.18	3.74	6020	200	0.98	0.14	11.60	0.16	39.8	12.1	43	10.70	36.6
K310209		10.28	<0.01	0.07	8.88	22.0	390	2.54	0.40	0.25	0.02	88.8	23.4	70	9.90	40.7
K310210		10.03	<0.01	0.04	9.08	6.2	360	2.63	0.40	0.21	0.06	77.1	20.4	72	11.05	48.2

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

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VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K311975		0.64	3.04	0.09	0.6	0.54	0.011	0.58	9.1	4.6	2.60	1580	0.31	0.01	2.0	4.1
K311976		1.06	6.40	0.12	1.2	0.44	0.017	1.27	15.3	14.3	2.89	633	0.51	0.02	4.2	9.4
K311977		1.36	8.29	0.13	1.4	0.10	0.020	1.60	19.6	15.9	2.24	437	0.33	0.02	5.3	16.9
K311978		1.69	10.35	0.16	2.3	0.10	0.029	2.15	25.2	20.7	4.05	462	0.46	0.03	7.0	19.4
K311979		3.01	9.47	0.09	1.8	3.45	0.036	1.75	19.3	9.7	1.43	1180	1.51	0.02	6.0	25.1
K311980		0.72	4.02	0.08	0.8	0.15	0.011	0.80	10.6	6.7	1.74	611	0.27	0.01	2.6	6.1
K311981		1.15	9.85	0.17	2.0	0.27	0.025	1.94	22.5	17.3	3.04	536	0.42	0.02	6.4	11.6
K311982		1.34	9.87	0.19	2.0	0.40	0.029	1.88	22.1	14.1	5.93	988	0.42	0.02	6.3	9.9
K311983		0.48	0.27	0.30	<0.1	<0.01	<0.005	0.02	0.6	0.9	13.10	213	0.08	<0.01	0.2	1.6
K311984		1.07	6.15	0.18	1.0	0.53	0.015	1.19	14.7	7.1	2.38	1340	0.34	0.01	3.9	9.1
K311985		1.56	10.25	0.18	1.7	1.86	0.028	2.03	22.3	12.9	2.89	1000	0.36	0.02	6.4	16.2
K311986		1.44	8.43	0.16	1.4	0.68	0.028	1.69	19.3	14.4	1.95	561	0.30	0.02	5.3	15.8
K311987		1.18	5.49	0.15	1.1	0.90	0.017	1.07	14.5	7.3	2.75	707	0.39	0.02	3.6	9.8
K311988		1.92	11.10	0.19	2.5	1.57	0.029	2.37	26.2	14.9	4.57	724	0.46	0.03	7.5	18.9
K311989		1.76	7.79	0.15	1.6	19.3	0.024	1.33	20.6	18.2	1.03	788	0.86	0.01	4.7	15.7
K311990		0.45	0.25	0.32	<0.1	0.01	<0.005	0.02	0.5	0.9	12.70	203	0.07	<0.01	0.1	1.6
K311991		0.63	3.38	0.11	0.7	6.07	0.011	0.63	9.3	3.8	1.38	1360	0.28	0.01	2.1	6.5
K311992		1.06	5.67	0.13	1.3	6.96	0.019	1.03	13.7	7.6	2.61	1160	0.52	0.01	3.7	10.6
K311993		1.61	9.45	0.13	1.9	5.02	0.026	1.76	21.2	12.6	4.78	1120	0.58	0.02	6.1	17.0
K311994		1.55	9.17	0.15	1.8	3.88	0.027	1.73	21.5	16.0	4.39	2200	0.37	0.02	5.9	15.7
K311995		1.80	11.35	0.18	2.2	0.66	0.033	2.15	25.0	22.0	5.41	671	0.97	0.03	7.4	21.1
K311996		1.90	11.85	0.18	2.3	0.67	0.030	2.24	25.8	22.4	5.67	724	1.06	0.03	7.6	22.0
K311997		1.84	10.85	0.18	2.2	0.16	0.029	2.08	25.5	36.8	5.46	661	0.68	0.03	7.0	19.4
K311998		1.82	10.10	0.17	2.3	0.11	0.032	1.98	24.9	41.7	5.37	627	0.76	0.03	6.7	20.1
K311999		1.79	9.10	0.15	1.8	0.10	0.027	1.71	22.3	46.9	4.22	643	0.27	0.03	5.9	17.2
K312000		1.49	8.64	0.06	1.4	0.09	0.029	1.46	20.1	37.5	2.49	627	0.22	0.03	5.5	15.8
K310201		0.79	6.01	0.11	1.1	0.08	0.017	1.05	14.8	14.8	1.64	752	0.37	0.02	3.8	7.1
K310202		0.77	6.18	0.13	1.1	0.07	0.025	1.11	14.9	14.3	1.69	756	0.25	0.02	3.8	6.4
K310203		4.33	28.1	0.23	3.4	0.02	0.077	3.32	32.7	105.0	1.34	1920	0.30	0.31	13.6	52.0
K310204		4.37	26.0	0.22	3.4	0.02	0.073	3.00	42.3	98.5	1.32	3470	0.50	0.28	12.6	49.4
K310205		4.32	27.4	0.22	3.4	0.03	0.076	3.23	41.9	108.5	1.37	2330	0.30	0.32	13.0	57.9
K310206		3.81	24.8	0.20	3.3	0.03	0.070	2.85	42.1	106.0	1.24	2440	0.55	0.26	12.5	44.8
K310207		4.02	26.5	0.24	3.3	0.03	0.078	3.09	44.8	137.5	1.27	3110	0.34	0.28	12.7	52.8
K310208		2.80	10.45	0.10	2.1	13.7	0.039	1.73	20.5	12.3	2.48	1100	1.89	0.02	6.0	26.2
K310209		4.59	25.9	0.20	3.4	0.09	0.072	2.86	43.8	132.0	1.37	3540	0.64	0.24	12.7	49.5
K310210		4.27	26.2	0.23	3.4	0.06	0.077	3.03	35.6	145.0	1.30	3690	0.35	0.28	12.8	56.2

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

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

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

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K311975		160	5.3	21.4	<0.002	0.20	0.79	2.1	1	0.4	734	0.14	0.06	2.3	0.053	1.15
K311976		330	6.2	48.8	<0.002	0.26	0.84	4.3	2	0.9	588	0.30	<0.05	5.1	0.119	1.30
K311977		370	5.4	66.1	<0.002	0.22	0.28	5.4	2	1.1	483	0.40	<0.05	6.1	0.146	0.60
K311978		550	8.3	82.4	<0.002	0.18	0.26	6.8	3	1.4	348	0.51	<0.05	8.6	0.205	0.48
K311979		410	8.3	79.2	<0.002	2.63	8.73	9.4	1	1.3	751	0.43	0.07	5.4	0.265	9.73
K311980		330	4.9	30.4	<0.002	0.14	0.29	2.7	1	0.6	835	0.18	0.05	3.1	0.075	0.56
K311981		450	9.9	73.6	<0.002	0.37	0.46	6.4	2	1.4	452	0.49	<0.05	7.7	0.185	0.68
K311982		540	9.2	70.5	<0.002	0.25	0.76	6.8	2	1.3	338	0.46	<0.05	7.8	0.182	0.85
K311983		190	1.4	0.9	<0.002	<0.01	<0.05	0.2	1	<0.2	56.0	<0.05	<0.05	<0.2	<0.005	<0.02
K311984		270	10.1	45.0	<0.002	0.27	0.94	4.2	2	0.9	567	0.29	<0.05	4.8	0.112	1.61
K311985		480	12.2	77.6	<0.002	0.41	4.45	6.7	2	1.4	385	0.47	<0.05	7.5	0.188	5.42
K311986		390	7.5	68.9	<0.002	0.44	1.97	5.6	2	1.1	426	0.39	0.05	6.2	0.157	3.92
K311987		290	5.4	45.3	<0.002	0.33	2.69	3.7	2	0.8	557	0.27	<0.05	4.6	0.106	5.07
K311988		540	8.5	95.8	<0.002	0.39	3.97	7.3	2	1.4	267	0.57	<0.05	9.3	0.219	6.57
K311989		690	11.0	63.6	0.002	7.60	538	3.1	7	1.2	172.5	0.34	0.43	6.2	0.135	105.5
K311990		380	1.3	0.9	<0.002	0.01	0.39	0.1	1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	0.06
K311991		440	4.4	29.1	<0.002	0.35	18.90	2.4	2	0.5	550	0.16	<0.05	2.7	0.060	27.1
K311992		360	6.0	48.3	<0.002	0.44	16.55	3.7	2	0.8	459	0.27	0.06	4.6	0.105	29.1
K311993		400	8.9	85.0	<0.002	0.59	15.50	6.0	2	1.2	197.0	0.44	<0.05	7.6	0.174	31.8
K311994		370	8.8	83.0	<0.002	0.55	14.45	6.3	2	1.3	191.5	0.43	0.06	7.6	0.167	21.2
K311995		480	11.0	100.5	0.002	0.39	1.94	7.3	3	1.5	205	0.54	<0.05	9.1	0.207	2.58
K311996		500	11.8	107.0	<0.002	0.44	2.02	7.6	3	1.5	215	0.57	0.05	9.5	0.216	2.71
K311997		470	9.7	102.0	<0.002	0.46	0.38	7.0	3	1.4	212	0.53	<0.05	9.0	0.199	0.90
K311998		490	11.5	93.5	<0.002	0.19	0.40	6.6	2	1.4	226	0.49	<0.05	8.5	0.197	0.71
K311999		420	7.5	83.8	<0.002	0.18	0.30	6.0	2	1.3	314	0.43	0.05	7.3	0.173	0.94
K312000		320	7.3	71.4	<0.002	0.09	0.35	5.3	1	1.3	476	0.42	<0.05	6.7	0.145	0.53
K310201		250	8.1	46.3	<0.002	0.13	0.40	3.7	1	1.0	661	0.30	<0.05	4.8	0.102	0.67
K310202		250	7.8	47.4	<0.002	0.11	0.39	3.8	1	1.0	656	0.29	<0.05	4.9	0.104	0.54
K310203		720	20.4	116.5	<0.002	0.12	1.26	17.0	1	3.1	130.5	1.07	0.14	13.1	0.427	0.83
K310204		690	23.6	129.0	<0.002	0.23	1.55	16.4	<1	2.8	124.0	0.98	0.10	14.5	0.408	0.77
K310205		620	24.8	138.5	<0.002	0.10	1.67	17.1	1	2.9	132.0	1.01	0.14	14.4	0.414	0.79
K310206		600	22.0	127.5	<0.002	0.15	1.83	16.1	1	2.7	127.0	0.95	0.05	13.9	0.406	0.76
K310207		680	26.2	138.5	<0.002	0.07	1.58	16.9	2	3.0	135.5	0.97	0.12	15.0	0.405	0.79
K310208		430	12.1	81.3	0.002	2.53	20.9	9.9	2	1.8	311	0.44	0.05	6.2	0.262	42.4
K310209		660	22.5	132.0	<0.002	0.20	1.97	16.5	1	2.8	141.0	1.01	0.12	14.8	0.410	0.89
K310210		700	20.2	124.0	<0.002	0.07	1.26	16.2	1	2.9	146.5	0.99	0.10	13.0	0.402	0.83

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

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113437

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
K311975		6.3	22	0.6	6.3	15	22.5	
K311976		12.4	39	1.0	9.7	10	47.7	
K311977		11.5	45	0.8	12.2	19	57.0	
K311978		5.6	56	1.0	15.3	22	90.5	
K311979		2.2	74	5.2	17.0	48	67.9	
K311980		6.2	24	0.5	6.7	13	32.7	
K311981		8.3	54	1.4	13.3	30	77.6	
K311982		6.3	55	2.1	14.4	26	78.9	
K311983		0.6	2	0.1	0.8	16	0.6	
K311984		10.6	34	1.4	9.5	45	42.0	
K311985		7.3	57	2.1	13.2	37	64.6	
K311986		10.2	50	1.7	12.9	39	56.9	
K311987		11.8	30	1.4	10.3	20	46.2	
K311988		5.8	62	2.9	15.7	40	95.5	
K311989		11.7	47	2.4	29.9	103	59.2	13.55
K311990		0.6	2	0.1	0.8	15	0.5	
K311991		4.6	21	1.1	8.2	29	28.1	
K311992		5.5	34	2.0	10.2	33	48.7	
K311993		5.3	56	3.4	12.6	42	72.8	
K311994		3.5	51	2.7	13.7	40	71.0	
K311995		6.1	67	1.9	14.2	38	86.2	
K311996		6.3	69	1.9	14.9	41	89.2	
K311997		4.7	63	1.2	15.7	53	85.5	
K311998		6.4	62	0.9	15.7	78	88.4	
K311999		4.8	51	0.9	14.0	49	65.7	
K312000		8.2	43	0.8	12.1	44	48.7	
K310201		12.4	32	0.7	9.3	33	37.4	
K310202		12.3	34	0.7	9.1	32	36.9	
K310203		3.4	98	1.9	18.8	101	110.0	
K310204		3.4	95	2.0	21.4	93	109.5	
K310205		3.4	96	2.0	20.1	90	107.5	
K310206		3.1	92	1.8	20.6	85	112.0	
K310207		3.1	95	2.0	21.7	98	110.0	
K310208		6.7	82	7.2	17.8	46	69.0	
K310209		3.3	92	2.0	21.5	102	111.5	
K310210		3.2	95	2.0	19.8	100	108.5	

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VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113437

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21	WSH- 22		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	PUL- 31	PUL- 31d	PUL- QC

ALS Canada Ltd.

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

Finalized Date: 13- AUG- 2014
Account: RCM

CERTIFICATE WH14115502

Project: Nadaleen

P.O. No.: 14- 011

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

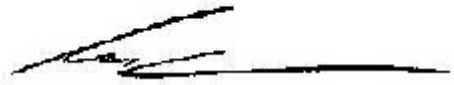
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14115502

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310211		11.10	<0.01	0.06	3.13	15.6	510	1.13	0.10	16.60	0.17	36.3	4.5	36	9.93	15.4
K310212		10.90	<0.01	0.06	2.16	13.5	330	0.87	0.06	20.9	0.16	29.9	3.9	25	6.63	12.5
K310213		11.03	0.02	0.05	2.94	39.5	860	1.09	0.09	18.25	0.16	34.1	4.6	32	8.47	13.7
K310214		10.43	0.76	0.07	3.09	545	650	0.93	0.09	13.10	0.07	39.1	3.9	32	8.98	17.0
K310215		8.73	1.58	0.06	3.17	8820	160	0.73	0.09	9.00	0.10	48.6	4.6	37	8.80	12.1
K310216		7.07	<0.01	<0.01	0.06	9.6	50	0.05	0.28	19.30	0.08	1.25	0.6	1	0.16	1.9
K310217		12.34	0.01	0.05	2.70	76.2	210	0.96	0.08	11.05	0.05	40.3	3.7	30	8.83	12.4
K310218		11.93	0.02	0.03	2.11	167.0	810	0.73	0.06	11.00	0.02	35.0	4.0	24	7.04	10.6
K310219		11.29	0.02	0.04	2.40	58.6	350	0.76	0.07	14.30	0.05	36.0	4.1	25	7.85	10.7
K310220		10.61	<0.01	0.05	4.04	50.2	270	1.27	0.12	9.85	0.02	50.8	5.8	39	16.95	28.4
K310221		7.04	<0.01	0.08	2.43	100.5	430	0.89	0.08	20.9	<0.02	33.6	5.4	22	11.85	11.2
K310222		5.94	0.02	0.02	0.91	39.2	150	0.37	0.04	29.2	0.02	20.3	1.9	9	3.03	4.1
K310223		10.97	0.25	0.04	1.65	417	450	0.65	0.06	20.8	<0.02	28.0	4.1	15	6.70	8.7
K310224		5.18	0.23	0.05	1.50	558	520	0.60	0.04	20.6	0.02	26.3	3.7	15	5.95	6.7
K310225		11.67	2.72	0.11	2.49	1455	170	0.91	0.07	23.5	0.08	36.5	4.4	22	8.68	13.1
K310226		9.60	4.16	0.08	3.32	793	1160	1.06	0.08	20.9	0.08	41.5	6.0	28	12.95	17.9
K310227		9.15	6.89	0.56	3.89	>10000	170	1.17	0.11	11.80	0.28	55.4	5.9	39	13.10	21.1
K310228		7.08	<0.01	<0.01	0.05	15.3	30	0.06	0.02	20.1	0.06	1.19	0.7	1	0.13	1.4
K310229		11.24	0.81	0.06	2.04	>10000	130	0.93	0.06	21.4	0.20	28.3	3.4	23	7.34	10.9
K310230		12.38	0.28	0.05	2.63	191.5	120	1.00	0.07	18.60	0.09	36.2	4.4	29	8.87	14.3
K310231		12.28	<0.01	0.07	2.78	83.3	170	1.03	0.08	19.40	0.06	39.4	4.9	29	12.00	16.1
K310232		0.25	0.48	0.08	3.58	2510	200	0.96	0.14	17.95	0.14	43.9	10.7	42	10.10	43.9
K310233		10.02	0.04	0.05	0.58	229	240	0.31	0.02	31.0	0.24	11.70	1.2	8	1.26	5.2
K310234		10.15	0.05	0.02	1.72	209	420	0.70	0.05	26.1	0.26	23.5	3.1	20	5.60	14.3
K310235		11.47	<0.01	0.11	1.97	46.7	130	0.80	0.05	20.8	0.18	31.1	3.3	26	7.61	11.0
K310236		10.19	<0.01	0.03	1.28	62.4	330	0.52	0.04	28.0	0.29	18.20	2.3	14	4.21	8.9
K310237		10.25	<0.01	0.04	1.06	34.5	200	0.37	0.04	29.0	0.30	17.45	2.3	13	4.45	9.1
K310238		11.54	<0.01	0.09	2.36	31.4	370	0.98	0.07	22.4	0.14	36.4	4.4	27	10.70	13.5
K310239		11.03	0.01	0.04	2.94	18.9	170	0.97	0.10	17.60	0.05	38.7	4.9	31	12.10	17.0
K310240		<0.02	<0.01	0.05	2.99	19.7	180	1.00	0.09	17.80	0.06	41.4	5.1	31	12.70	18.2
K310241		11.33	0.01	0.02	1.55	10.9	320	0.53	0.05	27.3	0.05	22.4	2.8	15	4.26	9.7
K310242		10.71	<0.01	0.02	1.54	10.9	350	0.48	0.05	25.9	0.12	21.3	2.9	16	4.01	11.9
K310243		10.92	<0.01	0.03	1.36	10.3	200	0.56	0.04	26.3	0.08	19.15	2.6	14	3.68	7.7
K310244		10.93	<0.01	0.03	2.35	14.9	290	0.85	0.06	22.8	0.16	33.5	4.4	24	7.64	18.0
K310245		0.26	2.45	0.17	3.67	5930	190	0.92	0.13	11.50	0.13	44.7	11.2	45	10.30	36.4
K310246		10.94	<0.01	0.04	1.89	16.5	220	0.72	0.05	24.4	0.07	26.9	3.4	21	5.48	11.9

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

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

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

Finalized Date: 13- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14115502

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310211		1.42	8.27	0.13	2.0	0.05	0.024	1.70	17.7	22.5	4.00	207	0.66	0.03	4.9	12.9
K310212		1.20	5.68	0.14	1.4	0.11	0.020	1.16	14.0	14.3	3.74	216	0.67	0.02	3.3	10.8
K310213		1.38	7.68	0.17	1.9	0.29	0.024	1.56	16.4	17.6	3.39	231	0.68	0.02	4.5	14.4
K310214		1.54	7.70	0.18	2.5	3.95	0.022	1.63	18.3	16.7	5.33	556	0.82	0.02	4.3	10.8
K310215		1.41	8.28	0.09	3.3	5.72	0.018	1.54	22.9	15.5	4.59	605	0.68	0.02	5.7	12.3
K310216		0.43	0.24	0.29	<0.1	<0.01	<0.005	0.02	0.6	1.1	12.00	189	0.12	<0.01	0.2	1.5
K310217		1.44	6.96	0.24	2.7	0.39	0.011	1.47	18.5	13.9	5.58	336	0.71	0.02	4.5	9.1
K310218		1.64	5.24	0.21	2.1	0.67	0.008	1.16	15.4	12.3	4.68	366	0.65	0.02	3.3	9.3
K310219		1.30	6.03	0.28	1.9	0.32	0.011	1.33	16.9	11.8	4.57	317	0.64	0.02	3.6	10.0
K310220		1.52	10.35	0.29	2.9	0.33	0.025	2.29	24.4	21.8	5.07	288	0.71	0.03	5.8	15.2
K310221		1.12	6.30	0.27	1.2	0.30	0.011	1.32	16.3	15.0	2.21	222	0.65	0.02	3.4	12.2
K310222		0.43	2.42	0.23	0.3	0.27	<0.005	0.48	9.4	4.9	0.63	239	0.28	0.01	1.2	4.7
K310223		1.68	4.18	0.20	1.0	1.06	0.007	0.89	12.5	9.8	3.04	1040	0.47	0.01	2.4	10.5
K310224		1.68	3.81	0.21	0.9	1.02	<0.005	0.82	12.2	8.9	3.05	1120	0.46	0.01	2.2	9.7
K310225		1.09	6.28	0.17	1.1	7.53	0.010	1.29	17.3	12.3	1.50	2590	0.42	0.01	3.4	13.2
K310226		1.28	8.74	0.27	1.0	12.2	0.018	1.71	20.7	17.4	1.31	2900	0.79	0.01	4.2	16.7
K310227		1.51	10.00	0.23	2.9	22.8	0.021	1.99	26.9	20.6	2.06	1670	0.81	0.02	5.9	16.3
K310228		0.45	0.22	0.31	<0.1	0.02	<0.005	0.02	0.5	0.9	12.50	192	0.08	<0.01	0.2	1.4
K310229		0.99	5.47	0.24	1.4	3.03	0.011	1.12	13.7	13.2	2.43	598	0.47	0.02	3.4	8.5
K310230		1.28	6.91	0.31	1.8	0.83	0.011	1.48	18.6	14.7	3.57	658	0.72	0.02	4.3	11.0
K310231		1.32	7.41	0.28	1.7	0.16	0.020	1.58	19.2	20.7	2.77	157	0.65	0.03	4.6	12.5
K310232		2.94	9.55	0.17	1.8	3.76	0.028	1.66	20.0	9.5	1.38	1100	1.56	0.02	6.0	23.8
K310233		0.36	1.63	0.18	0.3	0.54	0.006	0.30	6.8	3.4	1.00	224	0.30	0.01	1.0	2.7
K310234		0.81	4.54	0.19	0.8	0.76	0.005	0.91	12.3	13.7	1.61	245	0.40	0.01	2.8	7.6
K310235		1.04	5.37	0.22	1.3	0.26	0.010	1.06	14.5	30.6	3.09	171	0.72	0.02	3.2	8.9
K310236		0.63	3.48	0.22	0.6	0.07	0.010	0.67	9.8	17.7	1.56	105	0.54	0.02	2.1	5.6
K310237		0.56	2.94	0.18	0.5	0.06	<0.005	0.49	9.8	27.3	1.15	101	0.38	0.08	1.8	5.3
K310238		1.14	6.44	0.25	1.3	0.10	0.018	1.19	17.5	65.9	2.07	132	0.93	0.11	4.1	11.1
K310239		1.37	7.65	0.24	1.7	0.05	0.011	1.37	19.3	70.7	3.50	171	0.43	0.21	4.7	13.2
K310240		1.40	7.95	0.24	1.7	0.05	0.021	1.40	20.2	72.6	3.59	175	0.45	0.21	5.0	13.5
K310241		0.75	4.07	0.21	0.8	0.04	0.006	0.72	11.7	66.8	1.71	125	0.30	0.05	2.3	6.6
K310242		0.87	4.05	0.21	0.7	0.05	0.006	0.74	11.3	64.1	1.92	114	0.40	0.02	2.3	7.6
K310243		0.75	3.60	0.19	0.7	0.05	0.009	0.61	9.8	70.1	1.87	113	0.43	0.06	2.0	6.5
K310244		1.14	6.24	0.26	1.0	0.09	0.013	1.16	16.9	90.8	1.94	135	0.47	0.11	3.5	12.1
K310245		2.77	9.68	0.21	2.0	15.4	0.029	1.70	21.9	12.7	2.44	1070	1.79	0.02	5.7	23.9
K310246		0.90	5.13	0.21	1.0	0.07	0.013	0.92	13.5	67.8	1.80	126	0.44	0.11	3.0	8.5

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Finalized Date: 13- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14115502

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310211		420	9.3	66.5	0.002	0.11	0.28	4.9	1	1.1	503	0.36	<0.05	6.5	0.153	0.39
K310212		480	16.2	45.2	<0.002	0.13	0.27	3.5	1	0.6	660	0.23	<0.05	4.3	0.100	0.37
K310213		460	7.9	59.6	<0.002	0.17	0.35	4.5	1	0.9	653	0.34	<0.05	5.9	0.135	0.62
K310214		490	9.4	56.8	<0.002	0.34	9.43	4.6	1	0.9	316	0.33	<0.05	6.2	0.137	14.30
K310215		560	10.9	63.9	0.003	0.84	17.15	5.7	2	1.0	402	0.42	<0.05	8.7	0.163	18.40
K310216		180	1.9	1.2	0.002	0.01	0.17	0.2	1	<0.2	42.7	<0.05	<0.05	<0.2	<0.005	0.05
K310217		440	8.8	57.6	0.003	0.12	0.33	4.6	2	0.8	271	0.33	<0.05	6.7	0.126	0.87
K310218		390	6.7	45.8	0.002	0.14	0.72	3.5	1	0.6	272	0.25	<0.05	5.4	0.095	1.66
K310219		380	6.7	51.5	0.003	0.12	0.48	4.2	1	0.7	404	0.28	<0.05	5.8	0.104	0.94
K310220		570	9.2	89.9	0.003	0.18	0.29	6.9	2	1.1	280	0.47	<0.05	9.2	0.171	0.63
K310221		310	6.2	55.5	0.002	0.21	0.31	4.3	1	0.6	664	0.27	<0.05	5.3	0.099	0.63
K310222		120	4.1	19.5	0.002	0.09	0.41	1.7	1	0.3	956	0.09	<0.05	1.8	0.036	0.76
K310223		220	5.4	38.1	0.003	0.21	2.39	2.8	1	0.5	625	0.17	<0.05	3.8	0.068	4.27
K310224		200	4.9	34.5	0.002	0.20	2.25	2.6	1	0.4	605	0.17	<0.05	3.5	0.064	4.14
K310225		330	6.3	55.9	0.002	0.41	19.00	4.3	1	0.7	765	0.26	<0.05	5.3	0.097	30.4
K310226		360	7.3	74.8	0.002	0.73	24.2	5.7	2	0.9	572	0.32	<0.05	6.5	0.123	50.4
K310227		610	9.6	89.4	0.003	1.59	91.5	6.0	2	1.2	741	0.45	<0.05	9.3	0.169	93.7
K310228		180	2.0	1.0	0.003	0.01	0.19	0.2	1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.18
K310229		360	5.8	51.5	0.002	0.84	38.5	3.5	1	0.7	774	0.25	0.05	5.0	0.098	13.60
K310230		340	8.5	69.0	0.004	0.26	2.42	4.6	2	0.9	515	0.32	<0.05	6.5	0.125	3.54
K310231		370	8.3	81.4	0.003	0.28	0.34	4.9	2	1.0	635	0.35	<0.05	7.0	0.131	0.72
K310232		370	9.0	83.6	0.004	2.52	8.98	9.9	1	1.4	713	0.42	0.07	6.5	0.254	10.15
K310233		270	10.9	14.5	0.004	0.14	1.00	1.1	1	0.2	1145	0.08	<0.05	1.4	0.027	1.42
K310234		360	5.6	45.3	0.004	0.40	1.09	3.1	1	0.6	1180	0.21	<0.05	4.1	0.080	1.94
K310235		670	8.3	52.5	0.002	0.26	0.32	3.6	2	0.7	815	0.24	<0.05	4.9	0.092	0.60
K310236		180	6.8	34.5	0.003	0.17	0.19	2.3	1	0.4	1210	0.15	<0.05	3.1	0.058	0.32
K310237		280	7.3	26.1	0.003	0.16	0.17	2.0	1	0.4	1140	0.15	<0.05	2.7	0.050	0.23
K310238		340	8.5	63.4	0.003	0.24	0.33	4.4	3	0.8	1095	0.30	<0.05	6.1	0.110	0.34
K310239		340	7.7	68.2	0.003	0.09	0.22	5.0	2	0.9	629	0.35	<0.05	7.1	0.134	0.35
K310240		350	8.4	71.7	0.003	0.09	0.24	5.3	1	1.0	645	0.37	<0.05	7.5	0.137	0.33
K310241		180	5.9	36.6	0.003	0.12	0.17	2.7	2	0.5	1800	0.19	<0.05	3.6	0.068	0.19
K310242		230	5.8	37.1	0.002	0.19	0.17	2.7	1	0.5	2820	0.18	<0.05	3.5	0.067	0.27
K310243		170	5.9	30.8	0.002	0.18	0.19	2.4	1	0.4	2770	0.16	<0.05	2.9	0.058	0.18
K310244		460	7.4	56.9	0.002	0.21	0.24	4.2	2	0.7	2210	0.26	<0.05	5.3	0.101	0.28
K310245		420	11.1	85.8	0.003	2.49	22.0	10.6	2	1.6	307	0.43	0.05	6.8	0.251	41.6
K310246		270	6.2	47.1	0.003	0.16	0.20	3.4	1	0.7	1805	0.23	<0.05	4.6	0.084	0.30

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Finalized Date: 13- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14115502

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K310211		7.3	51	0.7	10.6	55	73.6	
K310212		5.4	37	0.4	8.4	29	50.4	
K310213		5.6	49	0.7	9.9	41	66.6	
K310214		5.0	47	1.7	10.9	18	90.0	
K310215		4.5	49	2.1	14.0	16	117.0	
K310216		0.7	3	4.7	0.8	15	<0.5	
K310217		4.2	40	0.9	12.2	15	100.0	
K310218		5.4	29	0.8	10.2	13	71.8	
K310219		7.1	34	1.0	9.8	13	68.9	
K310220		5.2	55	0.8	13.3	14	97.0	
K310221		11.2	35	0.5	8.4	16	43.5	
K310222		12.7	18	0.3	5.3	9	11.0	
K310223		9.4	24	0.7	7.3	14	35.5	
K310224		9.5	22	0.6	7.1	13	33.1	
K310225		10.3	41	1.4	8.5	20	38.4	
K310226		9.3	59	2.0	8.7	25	34.4	
K310227		7.1	58	2.7	12.4	44	102.0	1.955
K310228		0.5	2	0.1	0.8	14	<0.5	
K310229		8.3	36	1.0	8.2	22	51.8	1.370
K310230		7.2	43	1.1	10.1	25	61.8	
K310231		9.8	44	0.6	10.7	45	61.4	
K310232		2.4	74	5.2	17.3	46	64.8	
K310233		6.9	14	0.3	4.2	23	11.7	
K310234		6.2	31	0.9	6.8	44	31.4	
K310235		5.3	40	0.5	9.8	30	43.5	
K310236		12.9	22	0.3	5.2	39	23.1	
K310237		14.3	20	0.3	5.9	33	18.3	
K310238		11.5	43	0.5	9.3	40	47.6	
K310239		8.7	51	0.6	10.2	35	56.7	
K310240		9.1	52	0.6	10.7	35	60.8	
K310241		12.3	26	0.3	6.2	29	26.2	
K310242		11.8	26	0.3	5.9	32	23.6	
K310243		13.1	25	0.3	5.2	22	23.9	
K310244		10.9	37	0.4	8.8	38	34.7	
K310245		6.5	81	7.5	17.8	44	69.8	
K310246		11.8	35	0.3	7.2	25	34.7	

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CERTIFICATE OF ANALYSIS WH14115502

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	PUL- 31	PUL- 31d	PUL- QC
WSH- 22			

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 9- AUG- 2014
Account: RCM

CERTIFICATE WH14115501

Project: Nadaleen

P.O. No.: 14- 012

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

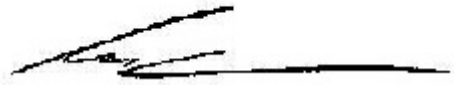
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14115501

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310247		11.43	<0.01	0.08	2.89	18.4	220	0.87	0.07	22.0	0.08	35.9	6.0	32	9.22	17.2
K310248		10.41	<0.01	0.04	1.56	5.8	130	0.48	0.04	26.4	0.09	20.3	3.4	17	3.62	9.2
K310249		10.77	<0.01	0.04	1.52	9.1	340	0.46	0.04	25.7	0.22	19.30	3.1	17	2.97	8.8
K310250		0.26	0.50	0.13	3.56	2590	200	0.78	0.11	18.55	0.11	40.2	11.6	43	11.00	41.5
K310251		11.14	<0.01	0.05	1.28	14.4	500	0.34	0.03	24.2	0.30	19.20	2.3	13	4.23	6.5
K310252		10.57	<0.01	0.09	2.31	13.5	320	0.68	0.05	20.7	0.16	30.9	4.5	26	8.76	14.9
K310253		10.42	<0.01	0.06	1.25	3.1	400	0.36	0.04	29.9	0.15	20.7	2.9	15	3.01	9.1
K310254		11.53	<0.01	0.05	1.39	2.5	190	0.41	0.03	27.3	0.18	20.5	2.8	15	4.25	7.1
K310255		11.32	<0.01	0.08	2.30	4.6	480	0.76	0.05	22.4	0.20	31.2	4.4	25	7.85	11.7
K310256		6.88	<0.01	<0.01	0.05	<0.2	20	0.06	0.01	21.0	0.06	1.31	2.1	<1	0.18	1.7
K310257		11.91	<0.01	0.10	3.85	11.7	210	1.31	0.08	11.60	0.06	51.6	7.4	45	14.60	23.4
K310258		11.10	<0.01	0.05	2.11	5.4	170	0.69	0.05	25.1	0.09	28.7	4.1	22	6.17	14.8
K310259		10.44	<0.01	0.09	3.98	11.6	350	1.30	0.08	12.10	0.09	52.0	7.4	43	13.05	25.2
K310260		11.02	<0.01	0.08	4.28	12.0	770	1.24	0.09	10.40	0.05	55.8	7.6	46	11.30	27.0
K310261		11.58	<0.01	0.08	3.62	13.2	170	1.13	0.07	15.50	0.06	47.6	7.0	40	8.81	22.8
K310262		11.21	<0.01	0.08	3.37	9.6	200	1.06	0.07	16.05	0.07	44.6	7.0	36	9.21	21.3
K310263		12.42	<0.01	0.06	2.26	4.2	320	0.76	0.06	22.7	0.08	31.0	4.6	24	6.02	15.2
K310264		6.46	<0.01	0.05	2.24	2.8	260	0.77	0.06	22.0	0.07	29.6	4.6	22	5.77	13.9
K310265		5.81	<0.01	1.65	3.41	56.3	640	1.54	0.12	4.09	5.40	44.9	5.6	97	9.82	96.7
K310266		9.57	0.01	1.77	4.46	41.8	330	2.02	0.19	0.17	2.13	55.2	5.7	127	17.25	196.0
K310267		10.80	<0.01	1.55	4.52	21.1	570	1.95	0.20	0.39	3.85	56.1	6.9	124	29.1	99.6
K310268		10.95	<0.01	1.62	4.42	52.3	340	2.03	0.20	0.25	3.60	54.3	7.2	120	25.2	114.5
K310269		10.13	<0.01	1.76	4.84	80.3	330	2.33	0.22	0.20	3.21	58.5	7.8	124	19.70	116.0
K310270		6.90	<0.01	0.01	0.06	<0.2	40	0.07	0.02	20.2	0.07	1.32	0.6	1	0.28	2.6
K310271		9.62	<0.01	1.42	4.61	38.9	400	2.01	0.21	0.27	3.01	56.0	7.7	118	21.6	98.8
K310272		11.21	<0.01	1.52	4.89	25.3	360	1.97	0.21	0.62	3.39	58.4	8.0	119	22.9	99.7
K310273		10.73	0.03	1.37	4.77	43.6	420	2.22	0.22	0.34	3.64	54.3	7.9	122	22.5	95.9
K310274		12.19	<0.01	1.41	4.91	46.9	400	2.23	0.22	0.21	4.37	58.7	7.4	124	23.5	117.5
K310275		0.26	2.39	0.18	3.75	6190	210	0.90	0.14	11.75	0.19	43.9	11.5	44	10.60	36.4
K310276		10.87	<0.01	1.53	4.79	24.0	570	1.94	0.18	0.43	2.74	55.3	6.6	124	29.0	98.1
K310277		10.78	<0.01	1.35	4.83	31.7	440	2.11	0.18	0.33	3.02	55.5	6.7	126	24.0	93.0
K310278		10.90	<0.01	1.50	4.91	62.2	400	2.04	0.20	0.37	3.14	57.7	7.6	119	23.2	99.6
K310279		10.51	0.01	1.60	4.82	89.4	460	2.17	0.20	1.00	3.19	57.9	8.0	121	19.25	98.4
K310280		<0.02	<0.01	1.57	4.70	86.5	460	2.07	0.20	0.97	3.06	56.5	7.9	118	18.75	95.4
K310281		10.66	<0.01	1.50	4.91	67.1	460	2.28	0.20	0.62	3.07	57.2	7.2	120	26.4	97.8
K310282		11.27	<0.01	1.42	4.33	22.5	330	1.85	0.18	2.36	2.54	53.4	6.1	112	29.4	85.7

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

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

Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14115501

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310247		1.30	8.15	0.09	1.6	0.13	0.031	1.45	19.2	68.5	2.01	150	0.76	0.21	5.1	13.2
K310248		0.78	4.32	0.10	1.0	0.08	0.022	0.70	11.0	54.8	2.17	125	0.49	0.11	3.0	6.2
K310249		0.67	4.12	0.10	1.1	0.09	0.021	0.71	10.6	40.3	2.41	128	0.40	0.04	2.9	5.4
K310250		2.96	9.84	0.11	2.1	3.72	0.043	1.70	19.9	9.7	1.45	1200	1.53	0.02	6.4	24.6
K310251		0.63	3.18	0.12	1.1	0.07	0.020	0.61	10.0	30.1	2.69	151	0.45	0.14	2.5	3.6
K310252		1.08	6.07	0.16	1.6	0.13	0.026	1.00	16.4	74.5	3.25	159	0.77	0.21	4.4	9.6
K310253		0.62	3.36	0.18	0.8	0.09	0.019	0.43	12.0	32.5	1.42	119	0.70	0.25	2.8	4.7
K310254		0.62	3.57	0.18	1.1	0.09	0.023	0.52	11.3	31.4	2.08	119	0.65	0.27	3.0	4.4
K310255		1.08	5.87	0.23	1.6	0.11	0.026	0.89	16.7	53.5	3.48	179	0.77	0.30	4.4	8.9
K310256		0.47	0.39	0.22	<0.1	<0.01	0.016	0.02	0.6	1.1	12.85	214	0.11	<0.01	0.7	2.8
K310257		1.80	10.60	0.18	2.3	0.08	0.038	1.72	26.7	90.7	5.54	211	0.80	0.30	6.9	17.9
K310258		1.02	5.54	0.22	1.1	0.03	0.025	0.75	16.2	67.4	2.40	176	0.34	0.28	4.0	8.6
K310259		1.85	10.70	0.25	2.5	0.04	0.038	1.83	27.0	118.5	4.13	215	0.42	0.26	7.2	18.2
K310260		1.89	11.40	0.19	2.9	0.04	0.042	1.92	28.1	160.0	4.19	224	0.48	0.15	7.8	19.4
K310261		1.61	9.75	0.18	2.2	0.05	0.036	1.48	25.4	147.0	3.89	208	0.42	0.08	6.8	17.0
K310262		1.57	8.83	0.24	2.0	0.06	0.035	1.42	23.7	92.1	3.64	218	0.44	0.15	6.2	16.6
K310263		1.11	5.97	0.14	1.3	0.03	0.026	0.89	17.3	69.5	3.26	214	0.45	0.16	4.3	10.5
K310264		1.10	5.87	0.14	1.3	0.03	0.024	0.88	16.6	71.9	3.30	209	0.47	0.14	4.3	10.2
K310265		3.10	10.45	0.19	2.0	0.48	0.037	1.35	26.8	16.1	1.99	349	8.57	0.03	14.0	68.6
K310266		2.41	14.00	0.23	2.7	0.47	0.056	1.91	31.0	21.5	0.33	49	11.55	0.04	17.9	78.7
K310267		2.49	13.95	0.26	2.7	0.37	0.047	2.09	32.7	16.4	0.45	89	10.95	0.21	17.9	84.8
K310268		2.67	13.60	0.21	2.7	0.55	0.054	1.96	30.7	17.0	0.38	87	10.85	0.10	17.6	82.4
K310269		2.86	14.70	0.19	2.8	0.57	0.057	2.04	34.2	24.9	0.37	111	10.80	0.04	18.3	88.1
K310270		0.45	0.30	0.34	<0.1	<0.01	0.009	0.03	0.6	0.6	12.15	201	0.13	0.01	0.2	1.8
K310271		2.65	13.90	0.27	2.8	0.44	0.051	2.13	33.0	16.8	0.44	96	10.10	0.04	17.3	83.2
K310272		3.14	15.00	0.25	2.9	0.48	0.053	2.28	32.8	15.8	0.63	128	10.25	0.05	18.1	92.7
K310273		2.55	14.90	0.25	2.7	0.33	0.061	2.20	31.8	17.5	0.49	109	9.79	0.05	17.7	89.4
K310274		2.65	15.15	0.27	2.8	0.38	0.060	2.31	34.0	17.9	0.44	81	10.35	0.05	17.9	89.3
K310275		2.85	10.20	0.18	2.1	14.8	0.045	1.76	22.3	11.3	2.57	1150	1.90	0.02	5.9	26.4
K310276		2.60	13.95	0.11	2.9	0.37	0.057	2.33	32.2	14.2	0.52	82	9.00	0.09	16.4	84.8
K310277		2.58	13.70	0.10	2.8	0.31	0.055	2.16	32.7	16.2	0.50	97	8.94	0.04	17.0	83.8
K310278		2.71	15.15	0.07	3.0	0.34	0.061	2.23	33.6	15.7	0.52	108	10.60	0.04	18.9	86.1
K310279		3.06	14.75	0.05	2.9	0.37	0.065	2.11	34.0	14.4	0.70	127	10.85	0.03	18.5	85.7
K310280		2.94	14.50	<0.05	2.8	0.36	0.063	2.05	33.7	13.3	0.68	124	10.65	0.03	17.9	83.9
K310281		2.74	15.60	<0.05	2.9	0.39	0.069	2.24	33.2	13.7	0.62	116	10.50	0.05	19.1	83.3
K310282		3.50	13.25	<0.05	2.6	0.33	0.062	2.06	30.8	12.0	1.32	139	9.41	0.14	17.1	73.5

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310247		400	7.8	74.3	<0.002	0.28	0.32	5.4	1	1.1	1450	0.38	<0.05	7.1	0.133	0.37
K310248		200	6.4	33.9	<0.002	0.18	0.24	2.9	1	0.6	1610	0.21	<0.05	4.0	0.074	0.23
K310249		260	5.5	32.2	<0.002	0.19	0.24	2.9	1	0.6	2040	0.21	<0.05	3.7	0.072	0.22
K310250		380	8.4	82.7	0.002	2.57	9.17	10.1	<1	1.6	711	0.46	0.07	6.1	0.259	10.50
K310251		330	5.8	27.1	0.002	0.22	0.28	2.2	1	0.5	3110	0.18	<0.05	3.0	0.060	0.20
K310252		480	7.9	48.9	<0.002	0.26	0.29	4.1	2	0.9	1280	0.32	<0.05	5.6	0.113	0.29
K310253		250	6.3	22.0	0.002	0.23	0.28	2.4	<1	0.5	3050	0.19	0.05	3.2	0.063	0.18
K310254		250	6.9	24.6	<0.002	0.17	0.32	2.6	1	0.5	2160	0.21	<0.05	3.5	0.070	0.19
K310255		330	8.3	42.9	<0.002	0.21	0.36	4.1	2	0.9	1290	0.33	<0.05	5.4	0.110	0.30
K310256		190	1.1	1.1	<0.002	0.01	0.05	0.3	<1	<0.2	50.5	<0.05	<0.05	<0.2	<0.005	<0.02
K310257		520	8.2	87.2	<0.002	0.20	0.39	7.0	2	1.5	359	0.55	<0.05	8.8	0.187	0.48
K310258		240	5.2	40.8	<0.002	0.07	0.18	4.0	1	0.9	711	0.29	<0.05	4.4	0.096	0.21
K310259		540	9.3	90.1	<0.002	0.10	0.29	7.4	1	1.5	466	0.58	<0.05	8.9	0.200	0.49
K310260		530	9.6	96.4	<0.002	0.10	0.31	8.0	1	1.7	598	0.63	<0.05	9.5	0.216	0.55
K310261		470	7.8	76.7	<0.002	0.08	0.28	6.9	1	1.4	570	0.53	<0.05	7.9	0.179	0.49
K310262		430	7.6	73.2	<0.002	0.08	0.27	6.3	1	1.3	488	0.47	<0.05	7.3	0.162	0.44
K310263		300	6.6	47.2	0.002	0.08	0.23	4.3	1	0.9	672	0.31	<0.05	4.8	0.104	0.31
K310264		270	6.4	46.2	0.002	0.08	0.22	4.3	1	0.8	646	0.31	<0.05	4.8	0.106	0.32
K310265		1140	21.7	66.9	0.008	1.10	6.28	7.4	10	1.1	368	0.88	0.10	6.3	0.218	1.11
K310266		840	13.6	94.8	0.006	1.98	7.87	11.3	13	1.7	111.0	1.12	0.14	7.2	0.292	1.49
K310267		1080	13.5	108.5	0.010	2.06	7.61	9.7	11	1.6	104.5	1.09	0.14	7.9	0.297	1.48
K310268		1100	14.0	101.5	0.008	1.96	7.70	9.7	10	1.5	117.5	1.07	0.13	7.6	0.283	1.63
K310269		1030	21.9	105.5	0.008	1.89	8.58	10.5	11	1.7	140.0	1.11	0.13	8.0	0.312	1.48
K310270		180	1.2	1.5	<0.002	0.01	0.09	0.2	<1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	<0.02
K310271		990	13.9	106.0	0.006	1.76	7.96	9.7	11	1.7	144.0	1.10	0.13	8.0	0.305	1.58
K310272		940	14.8	115.5	0.006	2.39	8.18	10.6	10	1.8	152.5	1.14	0.17	8.0	0.317	1.55
K310273		880	15.3	113.0	0.007	1.79	7.65	10.3	10	1.7	126.0	1.06	0.10	7.6	0.312	1.45
K310274		930	14.7	116.5	0.007	1.97	8.14	10.4	12	1.8	123.0	1.11	0.16	8.2	0.319	1.57
K310275		440	11.4	85.3	<0.002	2.60	23.3	10.1	1	1.5	314	0.46	<0.05	6.3	0.257	44.5
K310276		860	13.2	116.5	0.007	2.03	7.82	10.1	9	1.9	127.5	1.11	0.17	7.0	0.308	1.50
K310277		890	13.2	108.5	0.008	1.92	7.31	10.4	9	1.9	132.0	1.14	0.15	7.4	0.318	1.55
K310278		950	13.8	111.0	0.007	1.96	8.11	10.3	9	2.0	125.5	1.19	0.16	8.1	0.325	1.44
K310279		900	19.1	105.0	0.008	2.30	8.05	10.2	10	2.0	207	1.17	0.16	7.9	0.319	1.32
K310280		900	18.4	100.5	0.007	2.16	7.99	9.8	10	2.0	202	1.14	0.16	7.7	0.312	1.29
K310281		900	14.1	113.0	0.007	1.94	7.75	10.5	10	2.1	159.0	1.18	0.17	7.9	0.322	1.43
K310282		880	12.4	102.5	0.006	2.45	7.90	9.4	9	1.9	395	1.09	0.14	6.6	0.288	1.36

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

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
K310247		12.5	50	0.6	11.5	42	57.6
K310248		14.5	27	0.4	7.1	27	36.1
K310249		11.9	27	0.3	6.9	36	38.0
K310250		2.5	76	5.6	17.8	45	73.1
K310251		7.0	21	0.3	7.4	30	39.6
K310252		9.6	41	0.5	10.7	38	56.6
K310253		15.3	27	0.3	6.3	24	27.7
K310254		13.2	26	0.3	6.7	24	39.2
K310255		10.4	39	0.5	9.8	41	54.4
K310256		0.7	3	0.1	0.8	14	<0.5
K310257		4.9	63	0.8	15.5	50	80.8
K310258		9.7	36	0.5	8.7	39	38.1
K310259		5.1	65	0.8	15.7	61	87.2
K310260		4.3	67	0.9	17.7	56	102.5
K310261		6.7	62	0.7	14.4	53	77.5
K310262		6.7	55	0.7	13.7	52	71.4
K310263		9.6	36	0.5	9.6	42	46.4
K310264		9.2	36	0.5	9.1	37	44.6
K310265		4.9	516	1.0	30.5	400	81.5
K310266		6.2	635	1.2	24.5	292	110.0
K310267		6.2	618	1.2	31.2	534	112.5
K310268		6.3	597	1.2	32.1	455	108.5
K310269		6.8	625	1.7	31.0	488	111.0
K310270		0.5	4	0.1	0.8	16	0.8
K310271		6.1	594	1.2	30.5	485	107.5
K310272		6.0	622	1.3	32.1	541	113.5
K310273		5.7	602	1.3	30.8	522	108.0
K310274		6.6	626	1.4	31.8	537	113.5
K310275		6.6	87	8.0	18.5	48	70.6
K310276		4.9	596	1.3	29.3	477	116.0
K310277		5.3	600	1.3	30.5	466	117.0
K310278		5.6	605	1.4	30.5	565	118.0
K310279		6.1	593	1.5	30.2	566	111.0
K310280		5.8	578	1.4	29.5	539	108.0
K310281		5.9	587	1.4	28.8	558	116.5
K310282		4.8	524	1.2	29.3	446	104.0

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

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

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

Finalized Date: 9- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14115501

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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

Finalized Date: 15- AUG- 2014
Account: RCM

CERTIFICATE WH14113836

Project: NADALEEN

P.O. No.: 14- 013

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

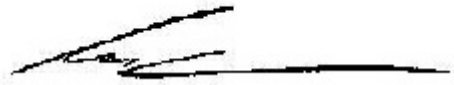
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 15- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113836

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310283		11.39	0.01	1.39	4.72	32.9	290	2.11	0.25	0.53	3.30	54.9	7.5	119	30.0	102.0
K310284		11.02	<0.01	1.39	4.96	78.1	260	2.27	0.24	0.68	2.51	55.9	6.9	118	29.9	103.0
K310285		11.99	<0.01	1.16	3.82	78.7	280	1.65	0.19	5.66	2.49	46.2	6.2	102	21.2	80.2
K310286		10.53	<0.01	2.65	4.77	588	150	2.13	0.24	0.50	4.65	55.3	8.6	122	18.50	108.5
K310287		12.27	<0.01	3.68	4.55	126.5	120	2.19	0.22	0.23	3.23	57.8	8.0	136	16.75	103.0
K310288		0.26	0.50	0.10	3.56	2650	210	0.95	0.16	18.90	0.14	39.7	10.9	43	10.35	41.6
K310289		6.14	<0.01	2.49	4.50	131.0	130	2.24	0.22	0.21	1.94	62.9	7.9	132	17.65	77.6
K310290		4.88	0.01	3.07	3.65	415	110	1.75	0.23	0.94	3.32	36.4	11.1	83	12.00	45.6
K310291		5.02	<0.01	1.72	4.09	82.9	230	2.25	0.18	0.81	1.22	55.4	5.9	123	18.55	51.6
K310292		6.33	<0.01	2.02	6.53	86.0	50	1.81	0.37	4.00	6.15	68.2	9.3	70	23.9	59.2
K310293		7.34	<0.01	0.01	0.06	0.7	40	0.06	0.04	21.3	0.07	1.22	0.7	1	0.19	1.5
K310294		11.06	<0.01	1.97	4.42	35.9	100	1.92	0.22	2.83	2.79	54.6	7.4	120	18.95	94.5
K310295		11.19	<0.01	1.60	4.52	59.4	140	1.94	0.22	0.88	2.54	54.0	6.9	121	21.4	96.1
K310296		11.55	<0.01	1.45	4.73	28.4	220	1.96	0.24	0.81	2.44	52.6	6.6	124	24.4	95.6
K310297		10.76	<0.01	1.48	4.70	32.4	240	1.93	0.23	0.78	2.61	54.0	6.9	117	23.5	97.5
K310298		11.19	<0.01	0.71	5.93	175.0	630	2.09	0.28	1.05	1.46	67.4	10.3	97	27.7	87.8
K310299		<0.02	<0.01	0.69	5.74	167.5	470	2.05	0.28	1.01	1.24	63.6	9.6	93	26.0	82.0
K310300		11.29	<0.01	0.69	5.81	45.9	990	2.01	0.27	0.80	1.62	65.6	10.2	97	26.6	87.2
K310301		11.69	<0.01	0.69	5.71	198.0	1010	2.06	0.29	0.96	1.28	65.8	10.1	92	23.8	84.3
K310302		11.23	0.01	0.86	5.66	646	680	1.92	0.27	1.49	1.80	63.6	10.4	90	20.7	79.2
K310303		11.64	<0.01	0.67	4.97	96.4	490	1.76	0.22	2.04	2.25	56.0	9.7	80	18.15	71.8
K310304		9.88	<0.01	0.75	5.83	258	600	2.04	0.28	0.94	1.60	67.1	10.5	94	18.35	85.4
K310305		5.69	<0.01	0.87	2.30	99.4	240	0.85	0.11	17.75	1.62	26.1	4.3	51	5.50	34.4
K310306		0.26	2.59	0.20	3.71	6110	200	0.90	0.15	11.90	0.16	42.0	12.6	43	10.50	39.6
K310307		6.69	<0.01	1.75	4.12	102.5	150	1.36	0.20	0.58	1.06	36.9	5.9	124	10.80	82.4
K310308		7.38	<0.01	1.01	3.32	66.4	180	1.07	0.15	9.82	0.48	31.9	4.6	115	8.08	58.6
K310309		8.66	<0.01	1.26	3.71	61.5	180	1.19	0.16	5.34	0.75	34.8	5.4	141	8.47	63.1
K310310		3.43	<0.01	1.14	3.53	86.6	130	1.15	0.18	2.25	0.29	32.8	5.4	95	7.73	57.0
K310311		4.83	<0.01	0.81	3.85	99.1	150	1.24	0.17	1.07	0.38	35.5	6.3	105	9.04	59.8
K310312		8.46	<0.01	0.94	5.05	66.1	160	1.47	0.21	1.29	0.33	42.1	7.1	127	13.25	74.3
K310313		11.05	<0.01	0.87	5.16	25.1	160	1.49	0.21	0.68	0.27	41.9	7.1	124	15.35	71.4
K310314		6.96	<0.01	0.01	0.05	2.1	20	0.06	0.02	21.5	0.07	1.31	0.6	1	0.20	1.2
K310315		10.66	<0.01	1.05	4.96	48.5	130	1.52	0.22	0.44	0.38	44.0	7.3	133	12.60	87.5
K310316		5.00	<0.01	1.04	4.94	45.2	110	1.50	0.21	0.42	0.36	43.2	7.3	130	12.40	86.8
K310317		11.85	<0.01	2.14	4.83	42.2	140	1.57	0.21	2.88	1.11	42.0	6.7	233	16.70	71.6
K310318		10.92	<0.01	2.92	4.71	44.8	140	1.37	0.21	3.80	1.67	42.1	5.5	257	14.60	64.2

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

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

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

Finalized Date: 15- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113836

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310283		2.75	14.50	0.13	2.8	0.30	0.047	2.40	33.2	16.6	0.58	102	9.97	0.07	19.5	91.2
K310284		2.76	14.95	0.16	2.8	0.36	0.056	2.50	33.2	16.2	0.62	86	10.65	0.05	19.9	107.5
K310285		3.92	11.55	0.05	2.1	0.38	0.044	1.80	29.0	11.2	2.80	306	8.66	0.04	14.8	80.3
K310286		2.89	14.60	0.13	2.8	0.76	0.064	2.08	32.2	19.5	0.41	92	10.90	0.03	19.8	113.5
K310287		2.86	14.25	0.10	2.9	0.60	0.047	2.00	33.8	14.1	0.29	72	11.25	0.03	20.2	89.5
K310288		3.06	9.47	<0.05	1.8	3.88	0.032	1.79	20.5	9.6	1.47	1220	1.62	0.02	6.3	23.9
K310289		3.07	14.50	0.12	3.1	0.47	0.052	1.97	37.4	12.1	0.29	70	12.20	0.03	21.1	85.1
K310290		5.76	10.95	0.06	2.2	0.98	0.047	1.55	21.1	14.7	0.58	207	56.5	0.03	11.4	255
K310291		3.34	12.90	0.09	2.7	0.42	0.053	1.74	33.4	18.0	0.59	153	19.05	0.03	15.3	85.7
K310292		4.65	17.30	0.15	3.8	0.52	0.069	2.63	32.6	15.2	2.33	581	35.8	0.06	10.7	166.0
K310293		0.50	0.24	0.22	<0.1	<0.01	<0.005	0.02	0.6	0.9	13.35	219	0.18	<0.01	0.2	1.7
K310294		3.35	13.50	0.10	2.7	0.34	0.055	1.86	32.1	15.1	1.67	185	11.75	0.04	19.1	93.2
K310295		2.92	14.00	0.11	2.7	0.38	0.051	2.07	31.5	14.2	0.61	104	10.75	0.04	19.3	87.5
K310296		2.92	14.05	0.13	2.7	0.44	0.051	2.34	31.0	13.7	0.63	96	10.15	0.05	18.9	83.1
K310297		2.76	14.35	0.15	2.7	0.37	0.052	2.37	32.3	14.7	0.66	95	9.93	0.04	18.8	82.3
K310298		3.50	17.15	0.17	2.7	0.20	0.064	2.86	37.7	16.3	0.97	232	6.26	0.04	18.0	64.9
K310299		3.39	16.45	0.15	2.6	0.19	0.056	2.82	36.0	15.2	0.93	221	6.03	0.04	17.0	61.6
K310300		2.79	17.15	0.19	2.8	0.19	0.059	2.70	34.5	15.7	0.87	190	6.51	0.04	17.4	67.0
K310301		2.95	16.95	0.18	2.7	0.18	0.064	2.63	34.5	14.5	0.90	207	5.86	0.04	17.5	63.5
K310302		4.17	16.20	0.19	2.5	0.22	0.056	2.51	32.8	13.8	1.14	329	6.06	0.04	16.1	65.4
K310303		4.61	14.30	0.17	2.2	0.27	0.054	2.22	28.9	13.1	1.27	340	5.79	0.03	14.2	71.5
K310304		2.81	17.55	0.17	2.7	0.19	0.061	2.62	35.1	14.1	0.79	163	5.75	0.03	18.0	70.9
K310305		1.73	6.77	0.14	1.1	0.17	0.033	0.94	16.2	7.4	1.41	116	4.40	0.02	6.2	39.0
K310306		2.85	10.75	0.17	2.0	16.0	0.034	1.75	21.1	12.3	2.53	1150	1.92	0.02	6.2	28.0
K310307		2.39	12.20	0.21	1.9	0.46	0.048	1.38	22.4	15.4	0.29	55	15.85	0.03	8.0	90.6
K310308		2.30	9.17	0.17	1.6	0.40	0.038	1.12	28.3	11.3	0.86	90	4.36	0.03	6.6	74.2
K310309		2.46	10.25	0.18	1.9	0.35	0.040	1.22	24.0	15.0	0.84	102	7.68	0.03	7.4	92.2
K310310		2.27	10.45	0.19	1.7	0.29	0.043	1.12	20.7	18.2	0.40	83	4.49	0.02	6.8	58.2
K310311		2.05	11.15	0.19	1.7	0.26	0.041	1.29	20.7	11.9	0.38	86	4.95	0.02	7.4	74.5
K310312		3.21	14.20	0.18	2.1	0.23	0.050	1.69	23.4	11.3	0.71	129	4.50	0.03	9.0	77.0
K310313		2.46	14.45	0.17	2.3	0.32	0.055	1.67	23.1	13.6	0.47	81	3.70	0.04	9.3	71.4
K310314		0.48	0.22	0.12	<0.1	<0.01	0.005	0.02	0.6	0.9	13.65	216	0.11	<0.01	0.2	1.7
K310315		2.22	14.35	0.20	2.3	0.24	0.048	1.66	25.9	15.3	0.38	64	6.40	0.03	9.3	82.1
K310316		2.18	14.00	0.18	2.2	0.25	0.050	1.65	25.2	14.9	0.36	62	6.35	0.03	9.1	79.7
K310317		3.00	13.00	0.21	2.2	0.28	0.058	1.53	26.8	18.9	0.43	64	9.36	0.05	8.4	145.5
K310318		2.81	12.55	0.21	2.0	0.18	0.049	1.50	31.1	18.5	0.45	62	13.10	0.04	8.4	139.0

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Finalized Date: 15- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113836

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310283		910	15.1	117.5	0.009	1.98	7.50	10.6	10	1.9	155.5	1.13	0.17	7.7	0.319	1.51
K310284		1000	14.9	118.5	0.009	1.89	7.85	10.9	10	1.9	240	1.10	0.18	7.7	0.332	1.85
K310285		800	12.7	88.7	0.007	1.93	6.92	8.4	9	1.5	783	0.89	0.14	6.3	0.262	1.70
K310286		820	50.9	101.5	0.005	2.49	8.97	10.5	12	2.1	156.0	1.15	0.15	7.8	0.324	1.95
K310287		690	50.1	93.8	0.006	2.86	11.15	9.1	9	1.9	94.0	1.16	0.20	7.9	0.322	1.65
K310288		400	9.7	79.7	0.002	2.62	9.49	9.1	1	1.5	743	0.43	0.08	5.6	0.272	10.55
K310289		610	26.6	95.6	0.013	3.16	6.83	8.1	9	1.9	81.1	1.21	0.15	8.5	0.332	1.98
K310290		640	41.9	68.6	0.186	6.47	10.00	7.8	13	1.4	129.5	0.65	0.34	5.0	0.200	10.00
K310291		730	14.7	86.4	0.024	3.52	5.19	8.9	8	1.6	146.0	0.90	0.16	7.6	0.271	2.77
K310292		1380	23.8	104.5	0.111	4.81	9.41	13.1	20	2.6	514	0.78	0.16	13.5	0.315	5.44
K310293		190	1.9	1.0	<0.002	0.02	0.06	0.2	<1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	0.02
K310294		780	15.2	88.4	0.011	3.22	7.54	9.3	9	1.9	360	1.12	0.20	7.9	0.304	2.00
K310295		770	14.5	99.2	0.009	2.80	7.67	9.8	9	1.9	157.0	1.09	0.16	7.4	0.318	1.92
K310296		840	15.2	108.5	0.007	2.65	7.58	9.9	9	1.8	166.5	1.12	0.22	7.3	0.330	1.66
K310297		890	15.5	114.5	0.007	2.08	7.71	10.2	10	1.9	171.0	1.07	0.18	7.4	0.326	1.46
K310298		960	16.0	138.5	0.007	1.28	5.17	12.6	7	2.0	130.0	1.05	0.15	9.6	0.366	1.17
K310299		930	15.1	131.0	0.006	1.26	4.79	12.2	5	1.9	123.5	1.01	0.12	8.9	0.353	1.14
K310300		910	16.6	132.5	0.004	0.85	4.93	11.7	7	2.0	110.0	1.04	0.14	9.4	0.350	1.13
K310301		970	15.0	129.0	0.005	0.95	5.08	11.7	6	2.0	110.0	1.05	0.13	9.5	0.355	1.19
K310302		950	30.7	123.0	0.004	1.05	6.98	11.7	6	1.8	128.5	0.96	0.12	8.7	0.337	1.04
K310303		910	29.8	106.5	0.004	1.44	5.41	10.4	5	1.7	141.5	0.85	0.12	7.8	0.300	1.13
K310304		960	17.5	124.5	0.004	1.23	4.86	12.0	7	2.0	109.5	1.05	0.13	9.5	0.357	1.16
K310305		740	13.4	44.3	0.005	1.20	2.40	6.0	5	0.8	740	0.37	0.07	3.6	0.137	0.50
K310306		420	11.2	83.3	<0.002	2.50	23.9	10.5	2	1.6	312	0.42	0.06	6.0	0.264	43.7
K310307		560	15.4	75.6	0.021	2.28	2.72	11.6	11	1.3	162.5	0.50	0.09	5.5	0.239	0.99
K310308		1090	9.5	60.1	0.011	2.01	1.57	9.6	9	1.1	569	0.42	0.09	4.5	0.194	1.16
K310309		1120	9.9	64.3	0.019	2.38	2.31	9.8	14	1.2	384	0.47	0.10	4.8	0.226	1.39
K310310		520	9.8	62.2	0.012	2.02	1.97	11.2	7	1.1	189.0	0.43	0.12	4.7	0.204	0.96
K310311		850	16.1	68.0	0.012	1.84	1.90	11.3	7	1.2	170.5	0.48	0.11	5.0	0.217	0.62
K310312		560	12.5	88.6	0.009	1.98	2.10	15.4	7	1.5	190.5	0.58	0.12	6.2	0.267	0.76
K310313		580	12.2	92.0	0.007	1.93	1.93	12.3	7	1.5	146.0	0.59	0.09	6.5	0.275	0.78
K310314		180	1.3	1.2	<0.002	0.01	0.10	0.2	1	<0.2	51.6	<0.05	<0.05	<0.2	<0.005	<0.02
K310315		660	13.0	88.2	0.013	2.08	2.16	11.9	9	1.5	115.5	0.59	0.08	6.4	0.279	0.87
K310316		640	12.6	87.5	0.014	2.05	2.20	11.6	9	1.5	110.0	0.57	0.09	6.2	0.277	0.84
K310317		910	12.3	90.3	0.021	3.17	3.03	11.0	22	1.4	260	0.56	0.11	6.6	0.270	1.15
K310318		870	13.2	85.4	0.032	2.94	3.46	10.6	24	1.3	433	0.53	0.12	6.2	0.263	0.79

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

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

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

Finalized Date: 15- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113836

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K310283		6.7	567	1.3	29.9	519	108.5
K310284		10.4	600	1.3	30.8	443	112.5
K310285		5.7	478	1.0	32.8	460	93.4
K310286		9.2	595	3.2	34.4	652	112.5
K310287		7.0	572	2.3	31.3	505	113.5
K310288		2.4	76	5.3	16.2	47	64.9
K310289		6.4	534	1.6	27.2	374	118.0
K310290		8.5	373	1.5	22.9	460	85.2
K310291		9.9	494	1.0	27.0	303	105.0
K310292		22.6	588	0.9	41.9	538	131.0
K310293		1.5	4	0.1	0.8	20	0.6
K310294		6.5	528	1.2	30.9	488	108.5
K310295		6.4	565	1.3	30.3	468	108.5
K310296		6.0	595	1.2	29.6	456	107.5
K310297		5.8	583	1.3	29.3	454	108.0
K310298		5.1	390	1.5	27.3	281	108.5
K310299		4.8	376	1.5	25.4	253	98.6
K310300		4.5	396	1.5	25.0	284	108.0
K310301		4.6	396	1.7	24.9	222	105.0
K310302		4.3	379	1.5	25.7	281	97.8
K310303		4.0	327	1.3	23.7	352	85.6
K310304		5.3	415	1.7	25.2	279	105.5
K310305		4.5	148	0.8	18.5	154	52.1
K310306		6.3	82	7.8	18.2	44	69.8
K310307		6.7	203	1.3	24.1	323	74.8
K310308		6.4	165	1.0	35.7	184	64.0
K310309		6.4	200	1.0	29.8	256	71.2
K310310		4.5	181	1.0	25.1	130	62.6
K310311		4.3	183	1.0	22.8	188	65.8
K310312		4.7	221	1.3	24.4	215	81.5
K310313		4.4	214	1.3	24.2	167	81.5
K310314		0.4	3	0.1	0.9	15	0.7
K310315		5.3	229	1.3	26.5	206	84.0
K310316		5.3	226	1.3	26.1	186	82.5
K310317		8.6	259	1.2	33.1	401	74.0
K310318		8.1	266	1.0	37.5	377	70.5

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

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VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113836

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2014
Account: RCM

CERTIFICATE WH14113835

Project: NADALEEN

P.O. No.: 14- 014

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

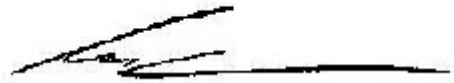
ANALYTICAL PROCEDURES

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

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113835

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310319		11.39	0.01	1.94	4.19	58.1	680	1.37	0.15	5.26	1.41	37.0	5.4	226	11.75	63.5
K310320		11.40	<0.01	1.29	3.33	35.5	360	1.08	0.12	9.65	1.25	31.9	4.1	159	7.62	44.6
K310321		0.27	0.51	0.09	3.61	2540	210	0.88	0.13	18.15	0.12	38.2	11.3	42	10.20	41.8
K310322		11.63	<0.01	1.27	2.99	45.0	350	1.01	0.11	12.10	1.20	30.8	3.9	144	5.98	39.1
K310323		11.50	0.01	2.20	3.79	38.7	390	1.17	0.13	8.05	1.38	36.1	4.5	208	8.82	45.6
K310324		11.88	<0.01	2.23	3.71	41.3	520	1.16	0.14	7.38	1.50	35.7	4.5	215	8.79	51.3
K310325		11.39	<0.01	1.93	3.81	43.8	360	1.25	0.15	7.69	1.42	36.8	4.8	212	9.45	55.0
K310326		<0.02	0.03	1.82	3.66	41.8	460	1.12	0.14	7.29	1.33	34.7	4.5	203	9.08	52.1
K310327		11.80	<0.01	0.99	2.58	39.4	310	0.74	0.09	12.90	1.00	26.8	3.4	111	5.14	27.9
K310328		5.98	<0.01	1.22	2.62	58.5	300	0.78	0.11	12.30	1.21	28.5	3.3	134	4.31	32.0
K310329		5.31	<0.01	1.36	2.72	69.7	340	0.80	0.08	11.00	1.11	29.5	3.4	132	4.70	33.3
K310330		9.30	<0.01	1.58	3.17	57.7	350	0.94	0.10	11.15	1.02	29.5	3.9	154	6.21	40.1
K310331		3.83	0.01	1.68	3.48	91.8	1220	1.07	0.13	9.57	0.99	35.6	4.5	184	6.75	47.7
K310332		6.92	<0.01	0.01	0.05	<0.2	30	0.07	<0.01	21.5	0.07	1.14	0.6	1	0.11	2.0
K310333		2.90	<0.01	2.76	4.38	79.7	520	1.18	0.16	5.56	1.55	40.3	5.0	231	9.67	50.8
K310334		4.34	<0.01	1.66	2.76	75.7	370	0.61	0.09	14.50	2.72	26.8	3.3	153	4.33	33.8
K310335		5.06	0.01	1.08	3.01	65.5	320	0.75	0.10	11.70	1.27	30.0	3.9	146	5.38	35.8
K310336		6.95	0.02	1.50	4.74	68.7	630	1.40	0.16	3.20	1.05	41.5	5.8	200	12.35	62.0
K310337		5.40	0.01	1.78	2.27	39.9	630	0.82	0.08	18.80	1.00	23.5	3.1	93	4.52	27.7
K310338		11.37	<0.01	0.92	1.47	28.9	1200	0.49	0.04	20.1	1.01	17.10	2.4	60	3.14	19.6
K310339		9.74	<0.01	0.70	1.21	21.6	640	0.51	0.03	22.1	0.84	14.15	2.0	53	2.45	15.2
K310340		3.90	<0.01	0.59	1.06	19.1	680	0.41	0.03	23.5	0.76	12.75	1.9	46	2.10	13.4
K310341		3.59	<0.01	1.11	4.32	68.1	490	1.32	0.15	4.34	1.09	37.4	5.1	175	13.45	56.5
K310342		9.06	0.01	1.41	5.16	59.6	670	1.33	0.17	2.47	0.76	40.0	5.5	204	16.20	68.9
K310343		0.28	2.52	0.20	4.11	6660	220	0.84	0.13	13.05	0.15	42.2	12.4	46	11.15	37.2
K310344		11.37	<0.01	0.87	4.51	158.0	830	1.50	0.16	7.33	1.08	36.9	6.9	158	11.45	49.9
K310345		8.20	<0.01	0.50	4.08	48.8	860	1.53	0.14	6.06	1.32	33.7	6.5	106	8.06	41.6
K310346		5.94	<0.01	1.22	4.47	543	5030	3.10	0.12	7.62	1.50	29.8	4.5	149	7.23	50.5
K310347		7.07	<0.01	0.01	0.05	1.0	120	0.06	0.02	21.1	0.07	0.99	0.9	<1	0.11	1.6
K310348		6.11	<0.01	0.95	2.59	70.8	470	0.82	0.11	15.75	0.84	23.8	3.2	120	4.99	32.6
K310349		7.57	<0.01	1.46	5.08	166.5	560	1.41	0.17	3.68	0.99	42.5	6.1	201	13.20	64.5
K310350		2.81	<0.01	0.73	2.94	418	340	0.73	0.10	14.70	0.67	27.1	3.7	100	5.41	35.3
K310351		10.34	<0.01	0.99	3.83	188.0	430	1.06	0.13	9.39	0.88	33.9	4.6	127	8.99	48.9
K310352		9.79	<0.01	1.10	3.60	272	370	1.24	0.12	8.49	1.04	32.6	4.5	133	8.22	49.1
K310353		3.28	<0.01	1.11	3.55	237	450	1.07	0.12	9.25	1.52	32.7	5.4	134	6.41	52.1
K310354		8.92	0.01	1.19	4.65	292	1130	0.74	0.17	0.28	0.08	44.7	0.6	143	9.35	14.9

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

ALS Canada Ltd.
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VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113835

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310319		2.83	10.50	0.22	1.9	0.25	0.052	1.33	29.1	20.8	0.44	64	11.35	0.04	7.5	127.0
K310320		2.43	8.66	0.13	1.5	0.14	0.036	1.06	24.7	16.6	0.56	69	11.50	0.03	6.3	91.1
K310321		3.02	9.69	0.12	1.7	3.65	0.042	1.72	18.9	9.1	1.43	1140	1.60	0.02	6.1	24.3
K310322		2.34	7.74	0.19	1.6	0.14	0.033	0.94	23.6	15.8	0.59	80	10.50	0.03	6.0	83.2
K310323		2.73	9.68	0.19	1.6	0.18	0.039	1.24	28.3	16.5	0.54	83	9.03	0.04	6.9	101.0
K310324		2.62	9.63	0.22	1.6	0.17	0.045	1.20	28.5	16.5	0.50	69	11.70	0.04	7.0	113.5
K310325		2.73	10.10	0.18	1.8	0.19	0.042	1.23	29.5	16.8	0.48	68	12.10	0.04	7.1	117.5
K310326		2.62	9.46	0.19	1.7	0.19	0.043	1.17	28.4	15.4	0.45	64	11.10	0.04	6.8	112.0
K310327		2.10	6.52	0.15	1.3	0.16	0.029	0.84	19.7	11.8	0.78	94	8.23	0.03	5.4	58.4
K310328		2.16	6.66	0.14	1.3	0.11	0.028	0.85	22.0	14.2	0.64	90	8.63	0.02	5.4	70.9
K310329		2.50	6.89	0.13	1.4	0.14	0.025	0.89	22.3	11.0	0.72	94	8.48	0.02	5.6	70.3
K310330		2.13	8.01	0.16	1.6	0.11	0.033	1.04	22.3	14.5	0.58	74	7.50	0.03	5.6	81.4
K310331		2.35	9.29	0.20	1.7	0.13	0.034	1.11	28.4	18.4	0.30	80	11.30	0.03	6.3	107.0
K310332		0.49	0.21	0.21	<0.1	<0.01	0.007	0.02	0.5	1.1	13.55	214	0.09	<0.01	0.2	1.6
K310333		3.03	10.90	0.20	1.8	0.23	0.047	1.42	31.3	13.9	0.45	79	9.06	0.04	7.6	108.0
K310334		2.13	6.93	0.18	1.3	0.17	0.030	0.85	20.4	17.3	0.36	105	8.67	0.02	4.9	80.6
K310335		2.26	7.65	0.20	1.4	0.17	0.025	0.95	22.7	17.1	0.44	93	10.35	0.02	5.6	81.7
K310336		2.86	12.45	0.19	1.9	0.25	0.045	1.58	28.6	14.4	0.40	64	12.05	0.04	8.4	119.5
K310337		1.77	6.11	0.18	1.2	0.13	0.021	0.71	18.1	10.6	0.46	92	9.92	0.02	4.9	58.9
K310338		1.30	3.86	0.17	0.8	0.08	0.017	0.44	12.6	10.3	0.79	105	6.16	0.02	3.0	41.5
K310339		1.32	3.11	0.16	0.9	0.06	0.016	0.36	10.8	8.9	0.68	99	5.13	0.02	2.5	33.9
K310340		1.25	2.77	0.11	0.8	0.06	0.015	0.31	9.5	8.8	0.68	100	4.13	0.02	2.2	28.8
K310341		2.77	11.10	0.19	1.8	0.18	0.043	1.36	25.8	15.4	0.40	74	7.52	0.04	7.7	101.5
K310342		3.25	12.15	0.19	1.9	0.20	0.044	1.64	27.0	13.6	0.42	57	13.10	0.05	7.9	128.5
K310343		3.13	10.75	0.13	2.1	15.8	0.039	1.93	21.5	11.3	2.79	1240	1.93	0.02	6.2	27.3
K310344		3.40	10.60	0.05	1.8	0.17	0.038	1.39	25.2	10.6	0.99	171	8.16	0.04	6.9	107.5
K310345		3.14	9.48	<0.05	1.6	0.16	0.041	1.25	23.0	8.0	1.07	177	5.25	0.04	6.1	87.7
K310346		3.40	7.41	<0.05	1.4	0.25	0.027	0.99	22.3	10.8	0.32	91	11.55	0.03	5.3	138.5
K310347		0.48	0.28	0.16	<0.1	<0.01	<0.005	0.02	0.5	1.0	12.95	216	0.10	<0.01	0.1	2.0
K310348		1.64	6.24	0.06	1.2	0.17	0.027	0.82	17.2	8.8	1.84	164	8.05	0.03	4.4	64.9
K310349		2.98	13.00	0.17	2.2	0.28	0.052	1.68	28.5	12.5	0.34	71	13.00	0.04	8.4	120.5
K310350		2.06	7.60	0.17	1.4	0.17	0.028	0.98	20.4	10.4	0.21	104	8.34	0.02	5.0	73.6
K310351		2.33	9.81	0.18	1.6	0.32	0.033	1.26	25.0	9.3	0.32	66	9.24	0.03	6.4	96.5
K310352		2.92	9.59	0.18	1.6	0.95	0.032	1.16	27.2	8.3	0.22	73	16.20	0.03	6.0	111.0
K310353		3.19	9.56	0.17	1.6	1.94	0.042	1.17	26.9	9.7	0.20	106	18.55	0.02	5.9	123.5
K310354		1.57	12.95	0.23	2.1	4.84	0.036	1.69	34.0	13.1	0.23	15	10.25	0.04	8.4	28.6

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

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

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

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113835

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310319		1470	12.6	72.1	0.035	2.95	3.00	9.8	20	1.2	507	0.51	0.10	5.6	0.249	0.61
K310320		1460	9.2	55.9	0.029	2.55	2.57	7.8	14	1.0	768	0.40	0.09	4.6	0.192	0.45
K310321		380	8.9	75.4	0.002	2.51	9.08	8.9	1	1.3	694	0.42	0.08	5.6	0.261	9.78
K310322		1200	8.4	51.1	0.029	2.47	2.44	7.5	13	0.9	874	0.38	0.06	4.3	0.172	0.56
K310323		910	10.5	65.3	0.029	2.91	3.23	8.2	18	1.1	650	0.45	0.09	5.2	0.213	0.59
K310324		1030	10.5	66.1	0.030	2.76	3.11	8.1	19	1.1	599	0.45	0.13	5.2	0.215	0.59
K310325		1530	10.8	67.4	0.036	2.90	3.24	9.2	18	1.2	643	0.47	0.18	5.5	0.222	0.64
K310326		1450	10.2	64.6	0.029	2.79	3.07	8.5	20	1.1	610	0.45	0.10	5.1	0.214	0.62
K310327		1270	7.4	42.5	0.024	2.21	2.00	6.4	11	0.9	909	0.35	0.07	3.9	0.150	0.58
K310328		1140	9.4	44.4	0.027	2.26	2.44	7.1	11	1.0	899	0.35	0.10	4.0	0.148	0.62
K310329		1160	11.9	47.0	0.023	2.65	2.44	6.8	12	0.9	798	0.37	0.09	4.2	0.156	0.61
K310330		1000	11.8	54.5	0.023	2.17	2.23	7.6	15	1.0	811	0.38	0.07	4.5	0.180	0.55
K310331		2610	11.0	60.8	0.027	0.95	2.41	8.6	17	1.0	872	0.41	0.09	5.1	0.197	0.46
K310332		200	1.4	0.8	0.002	0.01	<0.05	0.1	1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	<0.02
K310333		860	13.3	72.8	0.032	3.00	3.84	8.5	22	1.3	442	0.52	0.14	5.9	0.241	1.35
K310334		1540	13.0	44.1	0.027	1.18	2.64	7.4	16	0.9	1330	0.33	0.13	3.9	0.149	0.38
K310335		1490	8.9	49.7	0.030	1.65	2.28	7.9	13	0.9	1040	0.38	0.09	4.4	0.169	0.54
K310336		2020	11.7	85.3	0.029	2.55	3.08	9.7	19	1.4	327	0.56	0.11	6.8	0.267	0.95
K310337		1330	7.1	36.0	0.025	1.21	1.97	4.3	10	0.7	1110	0.32	0.08	3.6	0.133	0.47
K310338		1340	4.6	22.3	0.020	0.78	1.74	3.5	6	0.5	1030	0.20	0.08	2.4	0.085	0.29
K310339		900	3.8	18.0	0.014	1.00	1.15	3.7	5	0.4	1140	0.17	<0.05	2.0	0.069	0.23
K310340		750	3.4	15.7	0.010	0.94	1.08	3.2	5	0.4	1190	0.13	<0.05	1.8	0.059	0.22
K310341		1890	10.4	75.9	0.017	2.73	2.76	9.5	14	1.2	365	0.53	0.14	5.8	0.244	0.67
K310342		1320	11.1	88.1	0.028	3.35	2.82	11.6	20	1.4	278	0.52	0.11	6.0	0.284	0.78
K310343		470	11.9	84.0	0.003	2.75	24.0	10.2	2	1.6	328	0.45	<0.05	6.4	0.292	43.6
K310344		1490	9.5	75.0	0.019	2.88	2.24	11.3	12	1.2	482	0.45	0.11	5.1	0.245	0.71
K310345		2100	9.5	64.8	0.013	2.20	2.18	10.8	7	1.1	426	0.40	0.13	4.5	0.215	0.62
K310346		2060	7.0	51.7	0.013	0.33	2.52	8.7	10	0.9	730	0.35	0.09	4.2	0.179	0.62
K310347		190	0.6	0.9	<0.002	0.01	<0.05	0.2	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	<0.02
K310348		1420	5.9	41.6	0.020	1.52	1.60	6.6	10	0.8	836	0.29	0.05	3.6	0.143	0.65
K310349		1250	11.8	87.9	0.029	3.04	3.04	11.4	18	1.7	318	0.57	0.11	6.2	0.282	1.95
K310350		850	6.9	45.1	0.023	2.16	2.96	8.4	9	0.9	909	0.32	0.10	3.7	0.162	2.10
K310351		1170	8.9	65.1	0.031	2.40	2.24	9.6	13	1.1	631	0.42	0.09	4.8	0.214	2.18
K310352		1140	9.2	61.8	0.039	3.22	2.55	10.2	14	1.1	438	0.39	0.11	4.6	0.190	4.03
K310353		1080	9.2	58.6	0.036	3.20	3.04	12.0	14	1.0	534	0.39	0.10	4.7	0.191	6.25
K310354		770	11.7	82.3	0.025	0.58	7.34	6.6	14	1.5	149.0	0.58	0.11	6.7	0.289	6.75

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

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

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113835

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K310319		9.3	249	1.1	34.5	384	66.6
K310320		10.1	208	0.9	29.2	297	60.8
K310321		2.4	74	5.8	15.9	45	62.4
K310322		9.5	194	0.7	28.2	243	63.5
K310323		7.4	221	0.8	33.4	294	63.5
K310324		8.5	228	0.9	34.4	349	64.3
K310325		10.2	242	1.0	37.0	354	69.8
K310326		9.5	234	0.9	34.1	340	65.1
K310327		8.7	196	0.6	29.1	178	56.1
K310328		9.1	193	0.6	29.0	233	54.8
K310329		7.6	192	1.0	29.1	219	55.7
K310330		6.7	181	0.7	27.4	247	60.5
K310331		7.3	223	1.0	31.2	273	73.8
K310332		0.5	2	0.1	0.8	14	<0.5
K310333		6.9	249	1.0	32.0	275	67.5
K310334		6.3	185	0.6	31.3	570	53.1
K310335		8.3	194	0.7	29.1	252	60.0
K310336		8.0	246	1.1	26.4	384	64.5
K310337		5.0	136	0.6	15.5	135	52.7
K310338		4.0	127	0.4	16.2	132	33.4
K310339		4.3	104	0.5	16.9	107	39.3
K310340		3.8	94	0.3	16.6	100	36.6
K310341		6.2	244	1.2	28.0	383	66.6
K310342		8.1	272	1.1	29.8	455	70.1
K310343		7.0	92	8.5	18.8	50	73.7
K310344		6.9	232	1.0	31.4	379	71.3
K310345		5.6	239	0.8	30.5	369	66.4
K310346		10.4	260	0.9	43.5	860	58.8
K310347		0.7	2	0.1	0.8	11	<0.5
K310348		5.6	152	0.7	21.3	202	46.2
K310349		9.3	265	1.6	30.5	404	78.4
K310350		8.0	167	2.2	24.2	197	57.4
K310351		8.7	222	1.3	28.7	289	63.3
K310352		14.5	218	1.2	35.9	346	62.0
K310353		12.1	223	1.4	35.9	562	62.4
K310354		7.4	253	2.3	14.3	47	75.7

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

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113835

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21	WSH- 22		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- 31d	PUL- QC		

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

CERTIFICATE WH14116727

Project: Nadaleen

P.O. No.: 14- 015

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

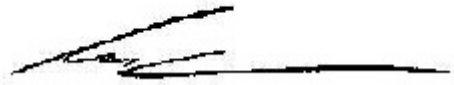
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116727

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310355		7.83	0.01	1.12	3.65	1365	470	0.84	0.14	4.61	0.87	34.0	1.3	128	8.37	45.3
K310356		3.05	0.01	1.28	4.07	479	550	0.45	0.17	0.19	0.05	45.0	0.5	120	13.00	17.9
K310357		6.68	0.01	2.57	3.96	640	1070	0.39	0.18	0.36	0.27	43.7	0.9	143	11.70	27.7
K310358		0.25	0.50	0.09	3.60	2520	210	0.58	0.13	18.35	0.12	37.4	10.8	46	10.10	43.0
K310359		6.05	<0.01	0.07	0.21	235	330	0.10	0.01	29.2	0.36	1.60	0.4	6	0.49	2.4
K310360		10.41	0.01	0.05	0.12	227	80	0.10	0.01	35.5	0.11	1.34	0.3	3	0.27	1.6
K310361		9.11	0.01	0.01	0.09	288	40	0.14	<0.01	37.7	0.07	1.10	0.4	2	0.19	0.7
K310362		4.41	0.05	0.02	0.06	280	1340	0.20	<0.01	35.1	0.04	0.78	0.3	2	0.16	0.7
K310363		8.55	0.16	0.16	0.15	21.3	110	0.22	0.01	31.5	0.32	1.68	0.3	4	0.28	1.7
K310364		2.75	0.09	0.09	0.12	195.5	100	0.11	0.01	29.0	0.38	1.48	0.3	5	0.50	1.6
K310365		3.59	0.11	0.07	0.16	193.5	50	0.11	0.01	32.4	0.30	1.20	0.4	5	0.36	1.5
K310366		4.69	0.05	0.03	0.20	104.5	90	0.23	0.01	37.6	0.16	1.92	0.4	4	0.55	0.9
K310367		11.66	<0.01	0.01	0.11	36.5	90	0.09	0.01	38.8	0.08	1.11	0.3	2	0.20	1.0
K310368		5.28	<0.01	<0.01	0.10	31.1	80	0.12	0.01	38.3	0.08	1.48	0.3	2	0.18	0.8
K310369		11.81	<0.01	0.01	0.11	37.6	80	0.11	0.01	36.5	0.09	1.24	0.4	3	0.16	1.2
K310370		5.79	<0.01	0.01	0.10	29.0	80	0.10	<0.01	38.0	0.07	1.23	0.4	3	0.14	0.8
K310371		3.82	<0.01	0.01	0.10	54.0	60	0.09	0.01	38.6	0.10	1.28	0.4	3	0.16	0.8
K310372		3.28	<0.01	0.01	0.13	92.7	90	0.12	0.01	35.6	0.13	1.73	0.5	4	0.21	1.4
K310373		4.10	<0.01	0.02	0.09	56.6	80	0.12	0.01	37.3	0.12	1.16	0.4	2	0.16	1.0
K310374		7.03	<0.01	<0.01	0.07	0.3	30	0.07	0.01	21.5	0.06	1.25	0.7	1	0.67	0.9
K310375		3.45	<0.01	0.03	0.13	63.8	100	0.14	0.01	38.8	0.20	1.41	0.4	4	0.26	1.5
K310376		5.56	<0.01	0.03	0.07	103.5	100	0.10	<0.01	36.8	0.13	1.48	0.3	2	0.13	1.8
K310377		0.26	2.52	0.21	4.02	6560	210	1.00	0.13	12.90	0.16	42.8	12.6	51	11.20	39.7
K310378		2.60	<0.01	0.07	0.22	926	110	0.15	0.01	37.2	0.10	2.17	0.6	6	0.33	2.0
K310379		3.35	<0.01	0.01	0.04	71.8	110	0.05	<0.01	38.1	0.06	2.74	0.3	4	0.06	0.7
K310380		3.94	<0.01	0.01	0.02	62.9	70	<0.05	<0.01	38.4	0.06	1.92	0.2	4	<0.05	0.6
K310381		3.93	<0.01	0.01	0.02	174.5	70	0.07	<0.01	38.1	0.12	2.25	0.3	5	<0.05	0.8
K310382		4.35	<0.01	0.02	0.04	377	90	0.06	<0.01	37.4	0.14	2.46	0.3	5	0.05	1.0
K310383		3.11	<0.01	0.13	0.03	1590	100	0.08	<0.01	37.7	0.21	1.88	2.0	5	0.05	3.4
K310384		7.28	<0.01	0.01	0.02	494	50	0.08	<0.01	39.0	0.12	1.24	0.6	3	<0.05	0.8
K310385		2.89	<0.01	0.02	0.02	264	60	0.09	<0.01	39.1	0.13	1.13	0.5	2	<0.05	0.9
K310386		5.07	<0.01	<0.01	0.04	1.1	100	0.07	0.02	20.8	0.07	1.03	0.6	<1	0.12	1.2
K310387		6.35	<0.01	0.04	0.02	295	100	0.08	<0.01	37.6	0.22	1.17	0.5	3	<0.05	1.1
K310388		3.95	<0.01	0.10	0.21	76.7	330	0.19	0.01	38.7	1.11	3.49	0.8	6	1.01	3.5
K310389		<0.02	<0.01	0.09	0.19	78.8	320	0.17	0.01	38.1	1.06	3.40	0.8	6	0.94	3.0
K310390		1.97	0.01	0.19	0.44	30.2	190	0.44	0.02	35.2	0.53	2.83	0.5	7	0.73	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116727

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310355		3.86	10.15	<0.05	1.8	5.70	0.034	1.11	25.9	8.2	0.16	77	15.85	0.03	6.4	34.3
K310356		2.02	10.90	<0.05	2.1	4.99	0.021	1.34	32.7	8.5	0.17	12	10.65	0.04	8.0	13.3
K310357		1.81	11.85	<0.05	2.1	6.50	0.023	1.07	37.5	9.8	0.14	14	9.77	0.02	8.1	28.1
K310358		3.01	9.42	<0.05	1.8	3.95	0.041	1.69	18.6	5.8	1.38	1160	1.63	0.02	6.0	23.4
K310359		0.30	0.70	<0.05	0.1	1.05	<0.005	0.06	1.2	1.3	0.12	129	2.73	<0.01	0.2	4.5
K310360		0.12	0.36	<0.05	<0.1	1.10	<0.005	0.03	1.0	1.0	0.11	190	1.96	<0.01	0.2	1.9
K310361		0.28	0.18	<0.05	<0.1	0.33	<0.005	0.02	0.8	0.4	0.11	158	2.07	<0.01	0.1	5.7
K310362		0.18	0.24	<0.05	<0.1	9.45	<0.005	0.02	0.7	1.8	0.08	286	0.67	<0.01	0.1	0.9
K310363		0.03	0.29	<0.05	<0.1	10.85	<0.005	0.03	1.6	4.0	0.11	146	0.24	<0.01	0.1	3.3
K310364		0.14	0.28	<0.05	<0.1	6.02	<0.005	0.03	1.9	5.6	0.09	125	1.50	<0.01	0.1	4.9
K310365		0.12	0.40	<0.05	0.1	9.18	<0.005	0.05	0.8	3.8	0.17	76	2.80	<0.01	0.2	4.2
K310366		0.11	0.49	<0.05	0.1	2.89	<0.005	0.09	1.0	0.9	0.39	31	0.49	0.01	0.4	0.9
K310367		0.09	0.29	<0.05	0.1	0.17	<0.005	0.05	0.6	0.5	0.38	19	0.40	0.01	0.2	0.5
K310368		0.08	0.27	<0.05	<0.1	0.15	<0.005	0.05	0.8	0.6	0.37	18	0.39	0.01	0.2	0.5
K310369		0.08	0.29	0.08	0.1	0.17	<0.005	0.04	0.7	0.5	0.75	39	0.30	<0.01	0.2	0.9
K310370		0.06	0.28	<0.05	0.1	0.16	<0.005	0.04	0.7	0.5	0.54	41	0.37	<0.01	0.2	0.8
K310371		0.07	0.30	0.05	0.1	0.48	<0.005	0.04	0.7	0.4	0.17	123	0.34	<0.01	0.2	1.0
K310372		0.10	0.35	<0.05	0.1	0.16	<0.005	0.05	0.9	0.7	1.63	25	0.40	0.01	0.3	1.7
K310373		0.07	0.29	0.08	<0.1	0.36	<0.005	0.04	0.6	0.5	0.33	58	0.28	<0.01	0.2	0.7
K310374		0.48	0.29	0.20	<0.1	<0.01	<0.005	0.04	0.6	1.3	13.10	210	0.06	0.01	0.3	1.3
K310375		0.08	0.36	0.15	0.1	0.78	<0.005	0.05	0.8	0.6	0.24	93	0.35	<0.01	0.2	1.1
K310376		0.04	0.26	0.10	<0.1	0.58	0.005	0.03	1.0	0.5	0.21	106	0.26	<0.01	0.1	0.5
K310377		3.08	10.40	0.08	2.1	15.2	0.032	1.87	22.7	12.6	2.63	1230	1.97	0.02	6.2	27.1
K310378		0.18	0.61	<0.05	0.1	0.75	<0.005	0.08	2.6	1.0	0.14	266	2.36	<0.01	0.4	4.4
K310379		0.02	0.19	<0.05	<0.1	0.07	<0.005	0.01	7.1	0.4	0.20	84	0.30	<0.01	0.1	0.3
K310380		0.02	0.11	0.05	<0.1	0.06	<0.005	0.01	5.3	0.4	0.16	131	0.24	0.01	<0.1	0.2
K310381		0.04	0.12	0.07	<0.1	0.09	<0.005	0.01	6.0	0.4	0.14	168	0.57	<0.01	<0.1	0.9
K310382		0.06	0.19	0.07	<0.1	0.23	<0.005	0.01	5.1	0.4	0.14	125	1.07	<0.01	0.1	1.4
K310383		0.38	0.21	<0.05	<0.1	0.77	<0.005	0.01	3.8	0.3	0.13	299	5.73	<0.01	<0.1	26.5
K310384		0.09	0.16	<0.05	<0.1	0.25	<0.005	0.01	2.2	0.3	0.17	159	1.82	<0.01	<0.1	9.0
K310385		0.07	0.16	0.06	<0.1	0.21	<0.005	0.01	2.1	0.3	0.16	218	1.08	<0.01	<0.1	10.0
K310386		0.46	0.20	0.16	<0.1	<0.01	<0.005	0.02	0.5	1.0	12.65	197	0.07	<0.01	0.1	1.2
K310387		0.08	0.17	0.13	<0.1	0.22	<0.005	0.01	2.3	0.3	0.16	190	1.39	<0.01	<0.1	8.8
K310388		0.10	0.65	0.05	0.1	0.26	0.005	0.07	4.8	1.5	0.16	224	1.25	0.01	0.3	9.9
K310389		0.10	0.61	0.06	0.1	0.27	<0.005	0.06	4.8	1.4	0.15	212	1.27	0.01	0.3	10.2
K310390		0.09	1.02	0.05	0.2	0.26	0.005	0.12	2.6	2.1	0.10	571	0.29	<0.01	0.8	3.6

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116727

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310355		1390	10.4	57.0	0.020	1.06	7.06	5.7	9	1.1	288	0.42	0.13	5.2	0.210	6.78
K310356		700	11.0	69.0	0.019	0.47	5.95	4.5	8	1.3	215	0.51	0.07	6.9	0.271	11.20
K310357		970	13.9	53.5	0.004	0.20	11.65	4.4	4	1.4	359	0.54	0.05	6.5	0.274	6.90
K310358		370	8.8	78.1	<0.002	2.51	8.87	8.7	1	1.4	692	0.43	0.05	5.6	0.267	10.65
K310359		60	9.0	2.5	<0.002	0.02	4.12	2.0	2	<0.2	240	<0.05	<0.05	0.2	0.008	0.38
K310360		20	3.9	1.4	<0.002	0.01	1.21	3.0	1	<0.2	196.5	<0.05	<0.05	0.2	0.006	0.18
K310361		20	0.6	0.7	<0.002	0.02	3.27	1.2	1	<0.2	151.5	<0.05	<0.05	<0.2	<0.005	0.28
K310362		30	0.7	0.6	<0.002	0.06	2.43	2.9	2	<0.2	204	<0.05	<0.05	<0.2	<0.005	1.76
K310363		70	6.8	1.2	<0.002	<0.01	0.26	1.6	1	<0.2	216	<0.05	<0.05	0.2	0.005	0.41
K310364		100	4.2	1.2	<0.002	0.01	1.58	1.9	1	<0.2	152.5	<0.05	<0.05	<0.2	0.005	0.52
K310365		30	2.2	2.4	0.009	0.03	1.67	2.9	1	<0.2	187.0	<0.05	<0.05	0.2	0.008	0.85
K310366		40	2.0	3.6	<0.002	0.04	0.54	0.5	1	<0.2	282	<0.05	<0.05	0.2	0.011	0.31
K310367		30	0.6	2.0	<0.002	0.05	0.32	0.2	<1	<0.2	260	<0.05	<0.05	<0.2	0.006	0.15
K310368		20	0.6	1.9	<0.002	0.05	0.30	0.2	1	<0.2	257	<0.05	<0.05	0.2	0.006	0.13
K310369		10	0.5	1.7	<0.002	0.08	0.29	0.4	1	<0.2	239	<0.05	<0.05	0.2	0.006	0.27
K310370		10	<0.5	1.6	<0.002	0.05	0.26	0.3	1	<0.2	237	<0.05	<0.05	<0.2	0.007	0.25
K310371		10	<0.5	1.5	<0.002	0.03	0.38	1.6	1	<0.2	154.0	<0.05	<0.05	0.2	0.006	0.29
K310372		30	0.6	2.0	<0.002	0.04	0.41	0.3	1	<0.2	234	<0.05	<0.05	0.2	0.008	0.11
K310373		30	0.5	1.6	<0.002	0.04	0.38	1.2	1	<0.2	277	<0.05	<0.05	<0.2	0.005	0.22
K310374		190	1.2	2.8	<0.002	<0.01	<0.05	0.2	<1	<0.2	47.3	<0.05	<0.05	<0.2	<0.005	0.02
K310375		30	0.7	2.0	<0.002	0.01	0.67	2.9	1	<0.2	244	<0.05	<0.05	0.2	0.007	0.16
K310376		20	<0.5	1.1	<0.002	0.01	1.05	1.8	1	<0.2	379	<0.05	<0.05	<0.2	<0.005	0.22
K310377		450	12.0	85.7	<0.002	2.72	23.6	10.8	2	1.6	322	0.46	0.06	6.6	0.282	47.5
K310378		100	0.9	3.1	0.004	0.03	2.65	5.3	2	<0.2	188.5	<0.05	<0.05	0.3	0.012	0.81
K310379		210	<0.5	0.6	<0.002	0.01	0.32	1.3	1	<0.2	239	<0.05	<0.05	<0.2	<0.005	0.13
K310380		170	0.7	0.3	<0.002	0.01	0.61	4.3	1	<0.2	184.0	<0.05	<0.05	<0.2	<0.005	0.11
K310381		210	<0.5	0.3	0.002	0.01	0.41	3.9	1	<0.2	190.5	<0.05	<0.05	<0.2	<0.005	0.20
K310382		170	0.5	0.5	0.003	0.01	0.87	2.1	1	<0.2	195.0	<0.05	<0.05	0.2	<0.005	0.22
K310383		280	1.8	0.5	0.045	0.08	3.74	5.7	3	<0.2	194.0	<0.05	<0.05	0.2	<0.005	2.18
K310384		100	0.5	0.3	0.031	0.04	0.78	2.1	1	<0.2	155.0	<0.05	<0.05	<0.2	<0.005	0.39
K310385		180	<0.5	0.3	0.019	0.04	0.57	1.3	2	<0.2	148.5	<0.05	<0.05	<0.2	<0.005	0.89
K310386		200	1.2	0.9	<0.002	<0.01	<0.05	0.2	1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02
K310387		160	0.8	0.3	0.018	0.06	0.79	1.2	1	<0.2	166.0	<0.05	<0.05	<0.2	<0.005	1.27
K310388		230	4.0	3.4	0.014	0.05	0.52	1.6	2	<0.2	179.5	<0.05	<0.05	0.4	0.009	1.43
K310389		220	3.1	3.1	0.013	0.06	0.52	1.6	1	<0.2	180.5	<0.05	<0.05	0.4	0.008	1.45
K310390		120	12.1	5.1	<0.002	0.02	0.57	4.3	1	0.2	86.1	0.05	<0.05	0.5	0.025	0.40

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Finalized Date: 16- AUG- 2014
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Project: Nadaleen

CERTIFICATE OF ANALYSIS WH14116727

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K310355		8.5	259	2.4	18.0	266	71.3
K310356		6.1	227	3.8	9.8	7	71.9
K310357		6.9	186	5.1	13.5	36	77.9
K310358		2.3	72	5.3	16.2	46	63.5
K310359		1.9	19	0.4	6.6	39	3.0
K310360		3.1	19	0.4	8.8	14	2.7
K310361		3.0	11	0.2	5.7	25	1.7
K310362		2.5	17	0.7	11.0	7	2.6
K310363		3.7	20	0.3	7.2	15	2.3
K310364		4.9	22	0.4	7.3	39	2.2
K310365		2.6	21	0.5	4.0	54	2.4
K310366		1.3	8	0.4	1.6	29	3.2
K310367		1.6	6	0.2	0.6	16	1.9
K310368		1.5	5	0.2	0.6	13	2.8
K310369		2.3	9	0.2	2.1	7	2.1
K310370		1.3	6	0.2	2.1	7	2.2
K310371		1.7	13	0.1	7.2	15	2.6
K310372		1.5	7	0.3	1.3	25	2.5
K310373		1.4	9	0.1	3.8	10	2.0
K310374		0.6	2	0.1	0.9	15	0.9
K310375		2.5	15	0.2	6.2	19	2.8
K310376		1.9	12	0.2	7.4	11	2.3
K310377		7.2	85	7.8	18.9	49	73.6
K310378		3.6	31	0.4	24.5	40	7.6
K310379		4.0	16	0.1	11.6	8	1.5
K310380		5.0	20	0.1	13.6	6	1.6
K310381		4.3	21	<0.1	15.8	10	1.7
K310382		5.6	20	0.1	13.1	16	1.5
K310383		7.7	39	0.1	24.6	74	3.6
K310384		5.4	19	<0.1	13.0	25	2.0
K310385		5.3	16	<0.1	20.1	38	1.9
K310386		0.8	2	0.1	0.7	15	0.8
K310387		5.9	18	0.1	11.9	45	1.5
K310388		7.4	27	0.2	13.2	75	4.2
K310389		7.5	27	0.2	13.0	71	3.9
K310390		4.7	44	0.7	26.0	26	10.6

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CERTIFICATE OF ANALYSIS WH14116727

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14- AUG- 2014
Account: RCM

CERTIFICATE WH14120280

Project: NADALEEN

P.O. No.: batch 14- 016

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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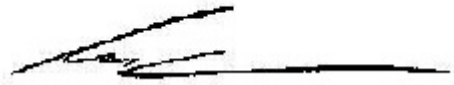
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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CERTIFICATE OF ANALYSIS WH14120280

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310391		2.62	0.01	0.12	0.20	239	60	0.23	0.02	36.0	0.31	1.12	0.9	4	0.43	2.8
K310392		3.67	0.02	0.08	0.21	137.0	610	0.24	0.01	36.7	0.57	1.98	0.7	3	0.94	2.5
K310393		1.61	0.03	0.36	0.47	38.0	950	0.64	0.02	35.7	1.65	4.04	0.5	7	2.62	6.2
K310394		5.08	<0.01	0.01	0.05	<0.2	20	0.05	0.02	20.6	0.04	0.83	0.6	<1	0.12	1.9
K310395		2.31	0.01	0.05	0.17	94.9	260	0.41	0.01	35.1	0.11	1.57	0.5	3	0.80	1.2
K310396		7.88	0.01	0.04	0.09	149.5	70	0.29	0.01	37.9	0.09	1.01	0.4	2	0.21	1.3
K310397		7.22	0.01	0.06	0.11	79.1	80	0.36	<0.01	37.0	0.08	1.17	0.4	2	0.27	1.2
K310398		7.97	<0.01	0.03	0.07	52.1	120	0.28	<0.01	36.5	0.11	1.17	0.3	1	0.16	0.9
K310399		8.00	0.01	0.03	0.06	36.5	80	0.20	<0.01	36.1	0.09	0.77	0.3	1	0.16	1.1
K310400		0.29	0.49	0.11	3.50	2560	200	0.91	0.13	18.10	0.09	41.5	11.0	41	11.05	40.8
K310401		7.96	<0.01	0.17	0.12	44.4	100	0.29	0.01	36.5	0.32	1.50	0.4	2	0.33	1.9
K310402		5.37	0.01	0.03	0.12	62.8	70	0.27	0.01	35.5	0.16	1.34	0.3	2	0.42	1.8
K310403		6.71	0.01	0.01	0.22	70.3	90	0.16	0.01	36.7	0.11	2.28	0.5	4	0.87	1.8
K310404		1.61	0.02	0.04	0.30	90.8	110	0.20	0.02	36.3	0.31	3.11	0.4	5	1.16	3.0
K310405		4.99	0.01	0.01	0.07	<0.2	30	0.06	0.01	20.9	0.06	1.19	0.7	1	0.14	1.4
K310406		8.34	<0.01	0.01	0.08	12.1	90	0.07	<0.01	37.7	0.04	0.88	0.4	2	0.23	0.9
K310407		8.35	<0.01	0.09	0.14	24.5	80	0.11	0.01	36.5	0.13	1.77	0.4	2	0.47	1.8
K310408		10.02	<0.01	0.09	7.03	19.5	280	1.85	0.31	2.05	0.15	82.3	20.5	73	36.3	58.6
K310409		6.70	<0.01	0.11	7.02	22.8	270	1.98	0.29	1.85	0.14	79.5	21.5	71	36.2	57.7
K310410		10.90	<0.01	0.10	6.86	19.4	320	1.82	0.28	2.31	0.18	76.8	17.0	71	37.9	57.5
K310411		11.65	<0.01	0.08	7.10	19.1	270	1.82	0.30	1.94	0.25	78.3	18.5	73	37.8	59.6
K310412		9.99	<0.01	0.09	6.92	22.9	240	2.00	0.26	1.93	0.38	77.5	19.2	72	47.0	58.1
K310413		8.32	<0.01	0.09	6.94	20.9	290	1.91	0.28	2.13	0.14	80.9	21.7	71	46.5	62.0
K310414		9.32	<0.01	0.06	6.06	22.4	250	1.54	0.22	2.88	0.13	67.1	17.2	69	32.9	53.4
K310415		11.41	<0.01	0.05	5.34	18.8	350	1.36	0.19	3.05	0.19	56.7	16.0	67	24.1	48.3
K310416		10.21	<0.01	0.07	5.13	189.0	590	1.21	0.20	3.70	0.18	58.7	14.7	58	21.7	45.5
K310417		10.59	<0.01	0.07	5.11	193.5	450	1.42	0.20	3.27	0.17	59.1	15.6	57	26.0	46.3
K310418		11.23	<0.01	0.12	6.91	41.4	370	2.01	0.28	1.71	0.14	70.5	21.7	75	39.8	55.1
K310419		11.22	<0.01	0.05	3.00	11.0	280	0.58	0.11	3.54	0.09	33.7	6.6	27	10.90	21.6
K310420		4.97	<0.01	0.07	2.95	10.2	260	0.58	0.23	3.31	0.09	32.2	6.3	28	11.10	21.1
K310421		0.31	0.49	0.10	3.43	2460	200	0.91	0.13	17.65	0.13	41.2	11.2	41	10.85	41.7
K310422		10.54	<0.01	0.07	3.08	18.6	270	0.65	0.11	3.20	0.07	29.7	7.3	24	10.35	22.2
K310423		<0.02	<0.01	0.04	2.97	15.0	260	0.61	0.11	3.19	0.07	30.7	7.4	25	10.15	21.5
K310424		7.90	<0.01	0.04	2.70	15.1	130	0.49	0.09	1.33	0.07	27.5	6.2	36	8.84	21.5
K310425		8.46	<0.01	0.09	6.51	125.0	660	1.83	0.28	1.56	0.15	74.6	21.0	70	26.9	52.6
K310426		8.82	<0.01	0.12	5.63	45.3	410	1.47	0.20	5.15	0.04	60.9	20.0	63	28.7	49.7

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310391		0.09	0.59	0.15	0.1	0.43	0.005	0.07	0.6	1.2	0.15	322	1.04	0.01	0.3	11.2
K310392		0.17	0.89	0.12	0.1	1.42	<0.005	0.08	1.3	1.5	0.12	450	1.49	<0.01	0.3	9.4
K310393		0.08	1.49	0.20	0.2	0.97	0.005	0.18	2.4	3.4	0.14	420	0.31	<0.01	0.7	7.1
K310394		0.47	0.27	0.30	<0.1	<0.01	<0.005	0.02	<0.5	0.9	12.85	204	0.06	0.01	0.1	1.4
K310395		0.08	0.57	0.37	0.1	0.36	<0.005	0.07	0.8	1.3	0.25	131	0.99	<0.01	0.3	5.4
K310396		0.07	0.33	0.28	<0.1	0.38	<0.005	0.04	0.6	0.7	0.21	311	1.13	<0.01	0.1	2.7
K310397		0.07	0.43	0.27	<0.1	0.41	<0.005	0.05	0.6	0.7	0.23	115	1.82	<0.01	0.2	4.4
K310398		0.04	0.27	0.29	<0.1	0.16	<0.005	0.03	0.7	0.6	0.21	55	0.80	<0.01	0.1	1.8
K310399		0.04	0.28	0.32	<0.1	0.13	<0.005	0.03	<0.5	0.6	0.29	17	1.49	<0.01	0.1	2.1
K310400		2.92	10.30	0.22	1.8	3.63	0.037	1.74	16.9	9.2	1.41	1170	1.70	0.02	5.8	24.1
K310401		0.08	0.40	0.17	0.1	0.29	<0.005	0.06	0.7	0.8	0.25	30	2.28	<0.01	0.2	5.1
K310402		0.06	0.39	0.23	0.1	0.73	0.005	0.05	0.7	0.8	0.23	57	1.12	<0.01	0.2	4.9
K310403		0.12	0.64	0.26	0.1	0.29	0.005	0.10	1.0	1.4	0.35	18	2.86	0.01	0.4	8.9
K310404		0.15	0.94	0.25	0.1	0.71	0.009	0.13	1.4	1.6	0.21	39	3.07	<0.01	0.5	14.3
K310405		0.46	0.31	0.28	<0.1	<0.01	0.006	0.02	0.6	1.0	12.95	213	0.11	0.01	0.2	1.2
K310406		0.06	0.32	0.26	<0.1	0.08	<0.005	0.04	<0.5	0.6	0.38	13	1.19	<0.01	0.2	2.9
K310407		0.07	0.43	0.20	0.1	0.26	<0.005	0.07	0.8	0.9	0.31	14	1.84	0.01	0.2	5.1
K310408		5.05	19.55	0.29	3.4	0.21	0.076	3.34	35.8	115.0	2.15	447	0.82	0.04	11.7	37.3
K310409		4.92	19.75	0.22	3.5	0.25	0.077	3.34	35.8	96.6	2.11	414	0.50	0.04	11.9	38.0
K310410		5.00	18.85	0.24	3.3	0.16	0.081	3.19	34.8	99.1	2.31	543	0.48	0.04	11.5	34.8
K310411		4.73	19.60	0.28	3.4	0.19	0.066	3.41	34.8	82.8	2.20	422	0.47	0.04	11.8	35.6
K310412		4.98	19.60	0.24	3.3	0.15	0.081	3.33	34.4	80.5	2.11	405	0.48	0.04	11.6	36.4
K310413		5.00	20.3	0.23	3.4	0.22	0.070	3.43	35.6	58.5	2.12	462	0.44	0.04	12.3	39.9
K310414		4.70	16.75	0.18	3.0	0.14	0.060	2.94	29.9	67.6	2.22	623	0.38	0.03	10.1	33.7
K310415		4.96	14.65	0.19	2.7	0.14	0.064	2.53	22.4	71.2	2.20	688	0.41	0.03	8.6	32.4
K310416		5.55	14.50	0.13	2.6	0.32	0.056	2.34	22.8	60.7	2.04	717	0.44	0.02	8.7	30.6
K310417		4.43	14.85	0.17	2.7	0.27	0.051	2.30	23.2	51.1	2.00	546	0.39	0.02	8.9	31.2
K310418		4.58	19.05	0.17	3.2	0.27	0.070	3.34	32.0	38.6	1.80	380	0.48	0.04	11.0	40.6
K310419		3.06	7.93	0.12	1.6	0.09	0.033	1.34	13.0	35.9	1.60	720	0.28	0.02	4.1	12.5
K310420		2.87	7.95	0.12	1.6	0.10	0.038	1.33	12.9	32.8	1.51	680	0.27	0.02	4.1	12.1
K310421		2.86	9.90	0.13	1.9	3.86	0.036	1.70	16.6	9.2	1.38	1140	1.66	0.02	5.8	24.4
K310422		2.93	7.93	0.16	1.6	0.13	0.031	1.29	13.2	51.7	1.45	650	0.29	0.02	4.0	14.3
K310423		2.95	7.88	0.17	1.5	0.13	0.031	1.27	12.7	52.3	1.45	666	0.28	0.02	3.8	14.0
K310424		2.69	6.92	0.10	1.5	0.08	0.024	0.89	12.0	102.5	0.86	314	0.25	0.01	3.9	12.6
K310425		4.46	18.45	0.14	3.2	0.36	0.077	2.84	32.8	73.6	1.39	319	0.45	0.03	10.6	37.0
K310426		5.40	15.70	0.17	2.7	0.57	0.066	2.36	25.0	103.0	2.83	1200	0.40	0.03	8.9	38.4

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	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310391		20	5.7	2.6	0.003	0.05	1.00	3.4	2	<0.2	193.0	<0.05	<0.05	0.3	0.011	2.67
K310392		30	3.3	3.2	0.004	0.10	2.12	1.8	2	<0.2	229	<0.05	<0.05	0.3	0.010	1.10
K310393		60	5.4	8.0	<0.002	0.05	0.68	3.5	1	0.2	167.0	0.05	<0.05	0.6	0.023	0.88
K310394		180	1.1	0.6	<0.002	<0.01	<0.05	0.2	<1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	<0.02
K310395		20	1.9	3.0	<0.002	0.03	0.46	0.6	1	<0.2	301	<0.05	<0.05	0.2	0.009	0.49
K310396		10	1.6	1.6	<0.002	0.04	0.52	1.7	1	<0.2	271	<0.05	<0.05	<0.2	0.005	0.41
K310397		20	1.9	2.1	<0.002	0.04	0.52	0.8	1	<0.2	269	<0.05	<0.05	0.2	0.007	0.52
K310398		10	2.4	1.3	<0.002	0.02	0.42	0.2	1	<0.2	229	<0.05	<0.05	<0.2	<0.005	0.21
K310399		10	3.4	1.2	<0.002	0.03	0.48	0.2	<1	<0.2	303	<0.05	<0.05	<0.2	<0.005	0.24
K310400		370	8.1	84.5	<0.002	2.50	10.20	9.4	1	1.4	729	0.42	0.07	5.0	0.254	9.81
K310401		10	9.7	2.3	<0.002	0.02	0.76	0.3	1	<0.2	291	<0.05	<0.05	0.2	0.008	0.23
K310402		10	2.1	2.3	<0.002	0.02	0.70	0.4	1	<0.2	246	<0.05	<0.05	0.2	0.007	0.15
K310403		20	0.6	4.4	0.004	0.06	1.00	0.6	2	<0.2	283	<0.05	<0.05	0.3	0.012	0.18
K310404		30	1.6	5.7	0.005	0.03	2.45	0.8	2	<0.2	276	<0.05	<0.05	0.4	0.018	0.26
K310405		190	1.3	1.2	<0.002	<0.01	<0.05	0.2	1	<0.2	50.1	<0.05	<0.05	<0.2	<0.005	<0.02
K310406		20	<0.5	1.6	0.004	0.04	0.14	0.2	1	<0.2	314	<0.05	<0.05	<0.2	0.005	0.15
K310407		20	0.9	2.5	<0.002	0.02	0.30	0.3	<1	<0.2	313	<0.05	<0.05	0.2	0.009	0.09
K310408		640	27.0	171.0	<0.002	0.65	0.54	19.2	1	2.3	128.5	0.90	0.07	10.5	0.550	1.20
K310409		530	27.1	174.0	<0.002	0.62	0.57	19.0	2	2.4	123.5	0.92	0.09	10.3	0.542	1.35
K310410		580	16.1	171.0	<0.002	0.43	0.45	18.8	1	2.2	116.5	0.84	0.10	9.8	0.541	1.34
K310411		570	16.8	178.5	<0.002	0.43	0.49	19.3	1	2.4	104.0	0.84	0.10	10.2	0.557	1.45
K310412		520	16.9	183.0	<0.002	0.95	0.54	19.4	1	2.3	105.0	0.85	0.08	9.8	0.553	1.01
K310413		530	22.5	191.0	<0.002	1.11	0.60	20.2	1	2.4	113.0	0.85	0.11	10.2	0.549	1.15
K310414		530	15.8	159.0	<0.002	0.57	0.41	17.9	1	2.0	165.5	0.72	0.07	8.4	0.530	1.04
K310415		460	15.2	137.0	<0.002	0.79	0.44	15.4	1	1.8	193.0	0.66	0.05	7.0	0.484	1.01
K310416		510	11.1	131.5	<0.002	3.19	0.44	15.2	1	1.7	305	0.63	0.06	7.0	0.455	2.43
K310417		430	13.8	132.5	<0.002	1.84	0.46	15.4	2	1.7	197.0	0.63	0.07	7.5	0.435	2.30
K310418		450	26.9	176.5	<0.002	1.34	0.62	18.6	1	2.2	130.0	0.80	0.06	9.4	0.546	1.04
K310419		250	8.4	69.3	<0.002	0.45	0.28	7.0	<1	0.9	173.0	0.32	0.05	4.5	0.222	0.48
K310420		220	8.2	68.2	<0.002	0.36	0.24	6.7	1	0.9	160.5	0.32	0.08	4.7	0.220	0.41
K310421		370	8.4	84.9	<0.002	2.45	9.98	9.3	<1	1.4	713	0.41	<0.05	5.0	0.248	9.80
K310422		230	9.1	62.3	<0.002	0.54	0.35	6.8	<1	0.9	148.5	0.29	<0.05	4.8	0.207	0.65
K310423		220	9.0	62.3	<0.002	0.52	0.31	6.5	1	0.9	147.5	0.30	<0.05	4.7	0.203	0.62
K310424		180	6.4	41.4	<0.002	0.54	0.27	6.9	1	0.9	72.8	0.29	0.06	3.9	0.256	0.35
K310425		500	17.5	147.0	<0.002	2.42	0.65	17.3	1	2.4	231	0.77	0.07	9.3	0.537	2.22
K310426		510	34.1	128.0	<0.002	1.41	0.74	16.1	1	1.8	194.5	0.66	0.05	7.6	0.464	1.60

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120280

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K310391		2.9	24	0.4	16.0	57	5.9
K310392		2.5	29	0.5	7.8	114	4.0
K310393		5.3	33	0.9	8.7	40	7.1
K310394		0.4	2	0.1	0.6	8	0.5
K310395		1.7	10	0.6	1.5	41	2.4
K310396		1.5	10	0.6	4.1	26	2.0
K310397		1.2	7	0.5	1.7	28	2.0
K310398		1.2	4	0.2	1.4	20	1.4
K310399		1.1	4	0.2	0.5	9	1.1
K310400		2.1	74	5.2	14.2	39	65.8
K310401		1.4	6	0.4	0.8	43	2.1
K310402		1.7	8	0.3	1.1	32	2.4
K310403		2.0	10	0.3	1.1	62	3.8
K310404		3.1	28	0.8	1.8	67	5.5
K310405		0.6	2	0.1	0.7	8	0.6
K310406		0.9	4	0.1	0.5	5	1.4
K310407		1.4	6	0.2	0.8	24	2.4
K310408		2.1	142	1.4	23.0	94	131.0
K310409		2.1	139	1.3	21.3	77	129.5
K310410		1.9	140	1.3	22.1	100	129.0
K310411		2.0	143	1.3	21.6	191	133.0
K310412		2.0	141	1.3	21.1	252	130.0
K310413		2.1	142	1.3	22.4	80	134.0
K310414		1.7	141	1.1	19.2	80	118.0
K310415		1.4	130	0.9	15.9	106	100.5
K310416		1.4	123	1.0	16.5	104	100.5
K310417		1.5	119	1.0	16.2	75	104.5
K310418		1.9	147	1.2	19.2	82	127.0
K310419		1.0	59	0.5	9.5	36	55.7
K310420		0.9	61	0.5	9.3	40	55.9
K310421		2.1	70	5.3	13.9	38	61.7
K310422		1.0	56	0.6	10.2	30	53.9
K310423		0.9	55	0.6	9.0	31	51.5
K310424		0.8	68	0.7	7.3	38	52.0
K310425		1.9	144	3.1	18.1	88	131.0
K310426		1.6	126	1.2	19.2	36	105.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 14- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120280

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	SPL- 21
SPL- 21d	WEI- 21	WSH- 21	WSH- 22

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13- AUG- 2014
Account: RCM

CERTIFICATE WH14120281

Project: NADALEEN

P.O. No.: BATCH 14- 017

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode

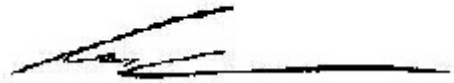
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120281

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310427		10.06	0.01	0.08	4.42	956	230	1.22	0.22	3.25	0.12	46.2	13.0	46	15.85	35.1
K310428		9.53	<0.01	0.08	6.32	1760	270	1.96	0.32	2.78	0.12	64.5	19.8	70	23.9	60.2
K310429		6.21	<0.01	0.07	6.70	339	360	2.21	0.33	2.43	0.13	68.9	20.5	77	28.7	61.0
K310430		7.67	<0.01	0.08	6.16	288	310	1.85	0.26	3.06	0.14	61.8	21.7	76	26.1	56.8
K310431		0.27	2.48	0.19	3.72	5980	200	1.03	0.17	11.95	0.14	40.7	11.9	49	10.80	35.6
K310432		8.64	0.07	0.04	4.47	2110	150	1.06	0.17	2.00	0.10	41.7	16.5	68	15.60	43.9
K310433		8.00	0.20	0.05	2.83	4640	220	0.54	0.13	0.35	0.07	31.1	11.7	53	6.82	29.1
K310434		7.60	0.35	0.05	3.36	4680	270	0.69	0.15	0.73	0.12	39.1	14.1	56	9.51	36.9
K310435		7.07	<0.01	0.01	0.06	7.8	30	0.05	0.04	20.9	0.07	1.25	0.7	2	0.15	1.2
K310436		5.29	0.32	0.05	2.74	5010	230	0.55	0.12	0.63	0.08	29.5	11.1	47	9.55	31.7
K310437		6.52	0.16	0.05	3.17	3330	200	0.62	0.13	1.46	0.11	34.8	12.7	54	10.10	33.7
K310438		8.46	<0.01	0.11	5.59	102.0	240	1.78	0.25	2.07	0.19	54.1	18.1	71	23.9	48.4
K310439		11.10	<0.01	0.06	6.01	42.9	240	1.93	0.28	2.41	0.21	60.4	18.6	76	31.4	53.6
K310440		11.96	<0.01	0.10	5.44	43.2	410	1.52	0.25	3.17	0.35	51.6	18.6	67	26.9	43.8
K310441		5.02	<0.01	0.11	5.58	46.8	380	1.53	0.24	2.98	0.36	54.0	19.9	68	28.2	47.4
K310442		11.80	<0.01	0.07	6.61	37.4	220	1.90	0.31	2.55	0.08	65.7	19.5	76	32.9	58.0
K310443		9.57	<0.01	0.06	6.53	37.3	220	1.72	0.29	2.50	0.09	65.2	18.9	77	32.1	57.7
K310444		7.53	<0.01	0.05	6.42	14.8	210	1.67	0.30	2.58	0.12	64.5	19.6	77	29.3	58.5
K310445		11.47	<0.01	0.05	6.26	82.5	340	1.54	0.28	2.65	0.03	60.6	18.6	77	22.9	55.1
K310446		0.27	0.49	0.10	3.63	2540	200	0.92	0.16	18.65	0.12	39.1	11.1	48	10.55	41.2
K310447		11.44	<0.01	0.04	5.39	14.3	210	1.19	0.22	2.78	<0.02	52.9	18.9	73	18.40	49.6
K310448		11.60	<0.01	0.05	5.67	15.5	220	1.42	0.24	2.77	0.05	56.0	19.1	76	21.1	52.8
K310449		11.18	<0.01	0.05	7.27	47.8	490	2.03	0.34	2.20	0.75	71.0	17.9	78	27.9	59.0
K310450		11.33	0.17	0.06	6.90	1510	320	1.76	0.33	2.92	0.14	67.6	22.5	72	19.20	56.7
K310451		7.54	<0.01	0.01	0.09	2.1	100	0.09	0.03	21.1	0.07	1.49	0.7	4	0.43	1.1
K310452		11.09	<0.01	0.05	7.80	66.3	540	2.16	0.37	2.52	0.12	77.4	18.1	80	29.4	62.4
K310453		11.44	<0.01	0.07	6.84	32.8	550	1.79	0.32	2.50	0.10	65.1	21.9	71	26.7	57.0
K310454		10.81	<0.01	0.06	6.97	37.5	370	1.67	0.33	2.44	0.11	66.9	22.0	76	25.6	61.8
K310455		11.07	<0.01	0.07	4.74	132.0	380	1.09	0.22	2.14	0.08	48.9	14.7	60	15.10	43.1
K310456		11.63	<0.01	0.06	3.60	70.1	260	1.25	0.14	2.59	0.04	36.3	14.0	50	15.25	30.0
K310457		<0.02	<0.01	0.07	3.54	69.5	260	1.19	0.15	2.60	0.03	35.4	13.8	51	15.35	28.9
K310458		11.59	<0.01	0.06	4.76	30.0	170	1.41	0.20	2.24	0.02	51.7	16.1	68	19.65	41.4
K310459		11.33	<0.01	0.05	4.91	18.2	190	1.28	0.23	2.74	0.04	56.0	15.1	62	20.6	37.7
K310460		6.22	<0.01	0.07	7.76	97.3	260	2.57	0.42	0.49	0.60	73.8	21.8	87	56.5	55.8
K310461		11.46	<0.01	0.04	2.04	107.5	140	0.35	0.09	2.67	0.02	22.2	7.0	42	4.87	18.7
K310462		11.10	<0.01	0.09	2.96	34.7	120	0.60	0.13	1.90	<0.02	32.4	12.1	55	8.85	29.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120281

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310427		3.80	12.35	0.06	2.5	2.18	0.051	2.01	22.8	38.5	1.59	657	0.53	0.02	7.2	23.5
K310428		5.45	18.00	0.06	3.3	2.86	0.071	2.95	30.6	25.1	1.72	448	0.72	0.03	11.0	39.6
K310429		5.10	19.20	0.08	3.8	1.34	0.067	3.12	33.2	50.6	1.55	437	0.47	0.03	12.1	39.9
K310430		5.02	17.25	0.07	3.4	0.98	0.065	2.82	29.5	73.9	1.72	601	0.38	0.03	10.7	38.5
K310431		2.87	10.45	<0.05	2.1	13.7	0.029	1.77	21.1	11.8	2.56	1140	1.96	0.02	6.0	25.8
K310432		4.51	12.50	<0.05	2.7	2.57	0.043	1.96	20.3	23.1	1.03	672	0.33	0.02	7.3	31.1
K310433		2.94	8.18	<0.05	2.0	3.52	0.027	1.25	15.1	13.3	0.28	150	0.30	0.01	5.1	21.9
K310434		3.45	10.30	<0.05	2.4	4.42	0.035	1.46	19.2	13.7	0.44	242	0.37	0.02	6.2	24.6
K310435		0.49	0.22	0.10	<0.1	<0.01	<0.005	0.02	0.6	1.0	13.25	212	0.09	0.01	0.2	1.8
K310436		2.76	7.71	<0.05	1.9	3.63	0.030	1.16	14.4	20.8	0.36	159	0.30	0.01	4.9	19.0
K310437		3.35	9.09	<0.05	2.2	3.19	0.032	1.37	16.6	17.8	0.69	405	0.30	0.02	5.5	23.7
K310438		4.30	15.40	<0.05	3.5	1.90	0.053	2.48	26.6	44.4	1.18	481	0.89	0.03	8.7	39.0
K310439		4.20	16.80	0.05	3.3	0.40	0.055	2.66	29.7	63.2	1.95	594	0.80	0.03	10.1	34.0
K310440		4.11	15.35	0.05	2.9	0.35	0.046	2.47	25.4	64.8	2.10	774	0.46	0.03	8.6	36.3
K310441		4.04	15.90	<0.05	3.4	0.39	0.051	2.60	26.6	65.7	2.06	737	0.52	0.03	9.0	39.9
K310442		5.15	18.45	0.06	3.6	0.07	0.070	2.79	31.8	88.6	2.58	694	0.34	0.04	11.2	36.6
K310443		5.06	18.20	<0.05	3.6	0.06	0.062	2.76	31.4	84.2	2.57	669	0.41	0.04	11.2	35.9
K310444		5.18	17.95	<0.05	3.4	0.06	0.070	2.65	31.2	87.3	2.63	700	0.36	0.04	10.9	36.5
K310445		5.42	17.00	<0.05	3.3	0.22	0.056	2.48	29.4	72.4	2.50	729	0.39	0.03	10.7	35.1
K310446		3.07	9.98	<0.05	1.9	3.67	0.037	1.72	19.1	9.1	1.46	1220	1.65	0.02	6.2	24.1
K310447		4.85	14.45	<0.05	3.0	0.10	0.057	2.03	25.5	82.7	2.43	699	0.36	0.03	8.9	33.0
K310448		5.17	15.70	<0.05	3.1	0.14	0.052	2.19	26.9	118.5	2.53	697	0.40	0.03	9.7	35.6
K310449		4.87	20.3	0.05	3.8	0.42	0.081	3.28	34.7	54.0	1.90	548	0.97	0.03	12.2	34.4
K310450		5.82	19.45	<0.05	3.5	1.20	0.071	3.23	33.0	17.5	1.77	745	0.50	0.03	11.6	40.7
K310451		0.50	0.32	0.10	<0.1	<0.01	<0.005	0.04	0.7	1.5	13.25	211	0.23	<0.01	0.2	1.9
K310452		4.76	21.6	0.08	3.9	0.42	0.080	3.47	37.4	71.5	1.62	589	0.67	0.03	13.0	35.6
K310453		6.29	18.50	<0.05	3.7	0.58	0.066	2.91	31.1	70.4	1.55	552	0.44	0.03	11.3	35.6
K310454		5.69	19.60	<0.05	3.7	0.51	0.066	2.87	31.9	79.7	1.52	530	0.48	0.03	11.9	40.8
K310455		4.12	13.75	<0.05	2.7	0.55	0.047	1.93	23.8	63.7	1.17	420	0.69	0.02	8.1	28.1
K310456		3.30	10.10	<0.05	1.8	0.32	0.038	1.45	17.5	48.2	1.26	643	0.35	0.02	5.0	21.1
K310457		3.24	10.20	<0.05	1.9	0.31	0.035	1.42	17.2	47.6	1.26	638	0.33	0.02	5.0	20.9
K310458		4.33	13.40	<0.05	2.9	0.18	0.045	1.81	25.1	90.1	1.78	597	0.45	0.03	8.2	27.5
K310459		4.32	13.60	<0.05	3.0	0.11	0.047	1.98	27.3	99.2	2.17	692	0.36	0.03	8.9	28.7
K310460		4.47	23.6	<0.05	4.0	0.18	0.091	3.69	35.3	75.3	1.50	170	0.62	0.04	12.6	41.2
K310461		1.94	5.45	<0.05	1.5	0.11	0.015	0.63	11.7	49.2	1.09	539	0.18	0.01	3.3	12.4
K310462		3.07	8.49	<0.05	2.0	0.13	0.025	0.91	16.3	65.9	1.03	497	0.23	0.01	5.2	22.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120281

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310427		340	27.2	86.3	<0.002	2.68	3.33	11.4	1	1.5	145.0	0.56	0.05	8.5	0.341	3.88
K310428		520	29.2	136.5	<0.002	5.10	4.36	18.6	1	2.1	304	0.83	0.06	11.3	0.507	7.27
K310429		580	17.3	146.0	<0.002	4.84	0.56	19.9	1	2.3	222	0.90	0.08	12.5	0.566	3.80
K310430		510	18.5	131.5	<0.002	4.55	0.80	18.3	1	2.0	138.5	0.80	0.05	11.1	0.555	3.48
K310431		430	12.7	80.9	<0.002	2.51	24.2	9.8	1	1.6	312	0.46	0.05	7.1	0.262	45.9
K310432		350	13.2	90.7	<0.002	4.27	4.20	13.7	<1	1.5	85.2	0.57	0.05	7.4	0.475	9.59
K310433		270	11.0	53.8	<0.002	2.80	5.29	5.5	1	1.2	98.1	0.37	<0.05	5.2	0.354	13.25
K310434		290	13.1	68.1	<0.002	3.27	7.89	7.0	1	2.3	127.0	0.49	<0.05	6.5	0.380	17.50
K310435		160	1.6	1.1	<0.002	0.01	0.05	0.1	<1	<0.2	46.7	<0.05	<0.05	0.2	<0.005	0.08
K310436		270	10.4	51.9	<0.002	2.40	6.03	4.3	<1	1.4	119.5	0.38	<0.05	5.0	0.345	14.65
K310437		280	10.4	60.1	<0.002	2.82	4.87	8.5	<1	1.6	112.5	0.42	<0.05	5.8	0.380	11.75
K310438		390	57.1	117.5	<0.002	3.67	1.43	15.3	1	1.8	98.8	0.69	<0.05	9.9	0.449	4.88
K310439		500	16.7	134.5	<0.002	1.12	0.57	16.7	1	2.1	116.5	0.76	0.06	10.9	0.514	2.15
K310440		470	24.0	128.5	<0.002	1.01	0.71	14.6	1	1.7	131.5	0.67	0.05	9.6	0.435	1.29
K310441		470	25.6	134.5	<0.002	0.92	0.82	15.0	1	2.1	123.0	0.68	<0.05	9.8	0.453	1.17
K310442		550	18.6	156.5	<0.002	0.30	0.51	18.8	1	2.1	94.5	0.86	0.08	11.9	0.541	1.13
K310443		540	20.5	157.0	<0.002	0.31	0.51	18.2	1	2.1	97.8	0.86	0.07	11.6	0.550	1.13
K310444		550	16.5	152.5	<0.002	0.31	0.46	18.7	1	2.0	96.1	0.81	0.08	11.4	0.552	1.13
K310445		480	15.0	138.0	<0.002	1.04	0.41	17.3	1	2.0	84.2	0.79	0.09	11.1	0.541	2.08
K310446		380	9.5	76.3	<0.002	2.53	9.64	8.7	1	1.5	732	0.46	0.08	6.5	0.270	11.30
K310447		460	10.6	114.5	<0.002	0.38	0.38	15.5	1	1.7	99.9	0.67	0.09	9.1	0.510	1.02
K310448		450	15.5	124.5	<0.002	0.46	0.44	16.4	1	1.9	94.5	0.74	0.08	9.7	0.523	1.14
K310449		550	27.5	172.0	<0.002	2.62	0.73	20.0	1	2.4	196.0	0.93	0.06	12.9	0.545	2.55
K310450		520	27.9	157.0	<0.002	5.39	4.07	19.3	1	2.3	266	0.88	0.08	12.3	0.534	5.30
K310451		170	1.6	2.3	<0.002	0.01	0.05	0.2	<1	<0.2	50.0	<0.05	<0.05	0.2	0.005	0.03
K310452		610	18.4	174.5	<0.002	4.13	0.80	20.9	1	2.5	307	1.01	0.05	14.0	0.595	3.97
K310453		630	26.7	150.5	<0.002	6.06	0.87	19.0	1	2.2	317	0.85	0.06	11.8	0.536	4.39
K310454		640	18.4	156.0	<0.002	5.40	0.86	20.3	1	2.3	304	0.90	0.08	12.1	0.593	3.86
K310455		390	13.5	101.0	<0.002	3.41	1.37	13.3	1	1.6	210	0.62	0.06	8.7	0.434	3.35
K310456		210	13.4	75.9	<0.002	1.89	0.75	10.5	<1	1.2	139.0	0.38	0.05	6.3	0.262	1.86
K310457		210	13.3	74.5	0.002	1.87	0.67	10.4	<1	1.2	137.5	0.39	<0.05	6.3	0.264	1.86
K310458		350	10.2	98.2	<0.002	0.68	0.51	14.0	1	1.6	106.0	0.63	0.06	9.1	0.410	1.09
K310459		410	13.3	106.5	<0.002	0.33	0.42	12.9	1	1.7	112.0	0.66	<0.05	9.9	0.407	0.82
K310460		450	41.9	195.0	<0.002	0.74	0.76	21.9	1	2.8	64.8	0.96	0.08	13.8	0.519	1.37
K310461		170	5.7	32.7	<0.002	0.95	0.38	5.1	<1	0.7	91.9	0.26	<0.05	4.6	0.229	0.81
K310462		240	10.9	50.3	<0.002	1.06	0.26	8.7	<1	1.1	66.0	0.38	<0.05	6.2	0.338	0.92

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120281

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K310427		1.8	92	6.5	14.8	77	78.5
K310428		2.3	135	11.1	20.1	80	101.5
K310429		2.4	145	3.3	23.9	96	119.5
K310430		2.2	148	3.4	21.0	93	109.0
K310431		7.4	81	8.2	18.4	45	67.8
K310432		1.5	137	6.9	14.5	83	81.6
K310433		1.1	98	5.1	10.0	56	59.0
K310434		1.3	111	6.7	12.3	63	71.6
K310435		0.6	3	0.1	0.8	16	<0.5
K310436		1.0	88	4.5	9.4	61	56.2
K310437		1.2	111	4.4	11.2	68	64.0
K310438		2.2	133	1.8	17.5	109	98.4
K310439		2.2	140	1.6	20.8	104	105.5
K310440		2.0	121	1.3	17.4	105	92.6
K310441		2.0	126	1.4	18.3	128	97.0
K310442		2.4	142	1.4	22.9	77	110.0
K310443		2.3	145	1.4	22.5	81	110.0
K310444		2.3	145	1.3	22.5	92	112.0
K310445		2.3	144	1.3	21.7	61	109.5
K310446		2.6	74	5.6	16.0	48	62.2
K310447		1.8	140	1.2	18.5	51	93.8
K310448		2.0	144	1.4	20.7	55	101.5
K310449		2.5	144	2.6	24.2	326	118.5
K310450		2.4	140	6.4	21.3	91	111.5
K310451		1.1	3	0.1	0.9	19	0.6
K310452		2.8	155	4.2	25.3	99	124.5
K310453		2.4	142	3.9	21.9	89	107.0
K310454		2.5	158	5.1	22.4	89	114.0
K310455		1.7	117	3.6	15.5	68	91.5
K310456		1.3	84	1.0	17.7	38	57.5
K310457		1.3	82	1.0	12.8	31	59.8
K310458		1.8	112	1.3	16.7	40	87.9
K310459		2.0	101	1.3	17.8	50	94.2
K310460		2.8	149	1.6	22.4	304	124.5
K310461		1.0	66	1.1	8.1	16	44.0
K310462		1.2	95	1.6	11.3	22	62.4

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120281

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	LOG- 21	LOG- 22d	LOG- 23
PUL- 31	PUL- 31d	SPL- 21	SPL- 21d
WEI- 21	WSH- 21	WSH- 22	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

CERTIFICATE WH14121940

Project: NADALEEN

P.O. No.: BATCH 14- 018

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

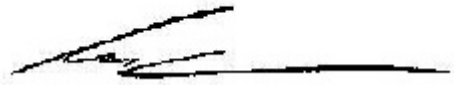
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121940

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310463		11.88	<0.01	0.07	4.51	61.7	180	0.97	0.16	2.37	0.06	43.1	15.5	73	22.8	46.8
K310464		11.28	<0.01	0.08	6.05	69.6	210	1.51	0.21	2.67	0.16	58.0	20.8	71	36.2	52.5
K310465		5.09	<0.01	0.05	3.82	61.7	170	0.86	0.16	3.28	0.07	40.3	9.5	53	16.80	31.7
K310466		10.98	<0.01	0.05	1.92	11.1	100	0.41	0.08	2.78	<0.02	21.0	6.9	42	5.26	16.2
K310467		4.50	<0.01	0.09	3.49	47.8	130	0.76	0.13	1.48	<0.02	33.9	13.8	64	15.60	34.8
K310468		7.66	<0.01	0.07	6.20	132.5	200	1.78	0.23	2.48	0.25	60.6	20.2	73	39.6	62.0
K310469		4.94	<0.01	<0.01	0.05	0.5	20	0.05	0.03	20.5	0.06	1.34	0.6	<1	0.11	1.5
K310470		7.44	<0.01	0.04	5.20	52.3	230	1.31	0.18	2.77	0.19	48.8	14.9	67	28.5	44.8
K310471		5.11	<0.01	0.08	6.84	100.5	200	1.91	0.25	2.13	0.09	63.1	21.8	78	42.1	60.5
K310472		5.32	<0.01	0.09	7.80	122.5	240	2.32	0.31	1.95	0.45	72.9	23.9	72	44.3	62.5
K310473		0.28	0.49	0.11	3.63	2250	190	1.00	0.18	17.60	0.11	37.4	11.1	41	9.94	43.8
K310474		7.66	<0.01	0.05	8.42	87.6	240	2.87	0.34	1.25	0.13	81.3	20.6	80	51.8	67.0
K310475		7.73	<0.01	0.08	7.84	72.7	450	2.90	0.31	1.88	0.07	77.8	20.2	72	46.6	58.6
K310476		8.15	<0.01	0.04	7.38	161.5	370	2.32	0.29	1.86	0.05	72.2	22.3	73	37.2	61.7
K310477		7.95	<0.01	0.03	7.88	180.5	390	2.66	0.32	1.64	0.05	77.1	22.2	75	39.2	66.6
K310478		<0.02	<0.01	0.04	7.96	168.0	390	2.48	0.32	1.58	0.07	77.5	22.9	74	39.9	62.7
K310479		7.47	0.01	0.05	8.15	244	360	2.70	0.35	1.50	0.06	79.3	19.8	73	36.4	65.5
K310480		7.53	1.01	0.09	8.12	483	320	2.26	0.33	1.82	0.13	77.4	23.8	73	39.5	61.1
K310481		8.18	4.38	0.10	8.18	2240	330	2.15	0.34	1.62	0.18	77.0	22.9	73	35.5	57.6
K310482		7.74	0.51	0.09	7.43	667	290	2.36	0.28	2.78	0.10	72.1	20.4	71	38.4	57.1
K310483		6.85	<0.01	0.07	7.75	152.5	240	2.25	0.30	3.00	0.13	74.8	18.6	72	35.6	53.8
K310484		5.03	<0.01	<0.01	0.06	0.7	20	0.07	0.03	20.7	0.05	1.14	0.6	<1	0.18	1.4
K310485		2.85	<0.01	0.06	5.89	139.0	180	1.65	0.22	4.23	0.26	56.5	14.8	58	24.2	45.1
K310486		7.50	0.03	0.08	7.51	218	230	1.98	0.30	2.97	0.13	73.9	18.9	69	29.6	54.2
K310487		8.48	0.08	0.07	6.54	449	200	1.79	0.26	2.93	0.08	63.2	17.5	63	29.3	53.5
K310488		8.19	0.01	0.05	6.42	192.0	190	1.75	0.24	2.87	0.07	60.5	16.9	65	33.0	49.8
K310489		8.46	0.07	0.06	6.61	512	210	1.73	0.24	2.62	0.24	61.4	19.9	68	28.9	54.8
K310490		8.07	0.02	0.06	6.07	450	250	1.66	0.25	2.58	0.16	61.5	17.9	68	21.5	50.0
K310491		8.54	<0.01	0.08	6.43	116.0	210	1.98	0.27	1.76	<0.02	64.3	21.6	67	32.8	52.9
K310492		9.01	<0.01	0.04	6.82	152.5	210	2.07	0.27	2.12	0.02	67.1	18.0	66	30.6	56.6
K310493		3.55	<0.01	0.03	6.84	158.0	210	2.07	0.26	2.01	0.02	65.9	17.4	67	31.1	55.6
K310494		2.75	0.02	0.05	6.93	204	180	2.65	0.25	1.01	0.08	67.3	23.6	77	40.4	63.2
K310495		5.72	2.13	0.08	5.31	4730	140	1.23	0.21	1.88	0.23	51.5	12.8	57	16.60	45.5
K310496		0.27	2.56	0.16	3.88	6050	200	0.91	0.14	11.40	0.13	41.1	11.0	44	10.35	35.0
K310497		6.75	0.26	0.05	5.33	667	150	1.43	0.23	1.95	0.18	57.3	15.8	57	20.8	47.8
K310498		7.90	<0.01	0.04	6.21	108.5	180	1.62	0.25	2.92	<0.02	62.6	15.2	58	25.8	48.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121940

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310463		4.34	11.35	0.13	2.4	0.09	0.042	1.64	21.1	94.4	1.71	575	1.19	0.03	7.5	31.7
K310464		4.77	15.00	0.17	2.8	0.09	0.064	2.62	29.4	84.2	2.16	579	0.56	0.03	9.8	37.0
K310465		3.38	9.12	0.15	2.0	0.05	0.036	1.61	19.6	51.4	1.80	774	0.92	0.02	6.3	18.9
K310466		2.24	4.63	0.09	1.1	0.02	0.015	0.61	9.3	40.4	1.14	689	1.50	0.01	2.7	12.1
K310467		3.50	8.76	0.06	1.9	0.05	0.037	1.23	15.3	83.9	1.16	381	1.11	0.02	5.6	27.5
K310468		4.76	15.95	0.05	3.0	0.09	0.066	2.78	26.8	90.6	2.15	565	0.53	0.03	11.0	37.8
K310469		0.47	0.14	<0.05	<0.1	<0.01	<0.005	0.02	0.6	1.1	12.60	209	0.05	<0.01	0.1	1.4
K310470		4.31	12.60	0.06	2.4	0.06	0.055	2.23	21.8	74.4	1.95	637	0.73	0.04	8.6	27.6
K310471		5.00	17.25	0.09	3.4	0.11	0.070	3.09	29.1	55.1	2.14	484	0.79	0.03	11.6	39.5
K310472		5.34	20.0	0.07	3.3	0.33	0.076	3.69	33.0	29.2	1.91	398	0.79	0.03	12.1	38.2
K310473		2.97	9.41	0.05	1.7	4.03	0.038	1.68	17.4	9.6	1.37	1150	1.54	0.02	6.1	23.6
K310474		5.33	21.9	0.07	3.7	0.27	0.086	4.03	37.1	24.6	1.96	314	1.18	0.04	13.3	36.6
K310475		4.84	20.9	0.09	3.6	0.56	0.087	3.67	35.2	23.4	1.62	344	0.86	0.04	12.5	39.2
K310476		5.64	19.05	0.06	3.5	0.38	0.079	3.44	31.9	24.3	1.27	402	0.57	0.03	12.3	40.5
K310477		5.69	20.9	0.06	3.5	0.56	0.085	3.65	34.4	24.2	1.21	378	0.50	0.03	12.9	39.8
K310478		5.85	20.9	0.07	3.6	0.56	0.085	3.70	34.2	23.0	1.18	352	0.53	0.03	12.8	40.7
K310479		4.93	21.6	0.08	3.7	0.70	0.089	3.83	35.9	16.4	1.19	369	0.66	0.04	12.9	35.5
K310480		5.66	21.4	0.06	3.7	3.40	0.068	3.82	34.8	15.0	1.37	426	0.71	0.04	12.3	46.4
K310481		5.77	21.8	0.14	3.6	7.62	0.076	3.87	34.7	10.9	1.27	423	0.79	0.03	12.6	43.6
K310482		6.53	19.25	0.10	3.3	3.41	0.080	3.54	32.2	15.4	1.78	484	1.07	0.03	11.7	39.1
K310483		5.44	19.60	0.07	3.3	1.97	0.084	3.76	32.9	12.8	1.85	521	0.65	0.04	12.2	36.6
K310484		0.50	0.17	<0.05	<0.1	<0.01	0.005	0.02	0.5	0.8	12.75	223	0.10	<0.01	0.1	1.4
K310485		4.61	14.40	0.09	2.5	2.28	0.067	2.64	25.9	14.7	2.27	743	0.80	0.03	8.9	29.8
K310486		5.50	19.10	0.08	3.3	2.56	0.078	3.44	33.5	15.1	1.78	530	0.95	0.03	12.0	36.6
K310487		4.95	16.80	0.08	3.0	0.87	0.067	3.05	28.4	14.3	1.76	571	0.78	0.03	10.7	30.5
K310488		4.83	15.90	0.08	3.0	0.87	0.066	2.98	27.4	24.5	1.57	602	0.79	0.03	10.2	30.5
K310489		5.11	16.35	0.07	2.9	0.76	0.062	2.96	27.7	25.6	1.47	629	0.75	0.03	10.4	35.7
K310490		4.46	15.60	0.08	2.9	0.59	0.067	2.82	29.0	16.9	1.47	573	1.40	0.03	10.5	31.2
K310491		5.09	16.60	0.09	2.9	1.00	0.068	2.90	28.8	22.8	1.52	360	0.40	0.03	10.9	38.1
K310492		5.03	17.55	0.13	3.1	0.93	0.070	3.13	30.0	18.4	1.42	424	0.37	0.03	11.7	32.7
K310493		5.37	17.40	0.08	3.1	1.01	0.070	3.16	30.3	18.3	1.33	423	0.37	0.03	12.0	31.3
K310494		3.95	18.10	0.08	2.8	2.40	0.072	3.35	30.1	12.6	0.89	259	0.64	0.03	8.8	37.5
K310495		4.08	13.40	0.08	2.5	3.41	0.046	2.48	23.2	8.7	1.06	692	0.67	0.02	8.0	24.6
K310496		2.90	9.63	0.09	1.9	15.5	0.036	1.79	19.4	9.4	2.53	1160	1.79	0.02	5.8	23.4
K310497		3.85	14.90	0.10	2.8	2.65	0.051	2.52	25.7	8.4	1.11	448	1.13	0.02	9.0	27.8
K310498		4.87	15.70	0.09	2.9	0.93	0.066	2.88	27.9	18.2	1.57	589	0.36	0.03	10.6	28.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121940

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310463		370	15.9	96.7	<0.002	0.64	0.31	13.8	1	1.4	91.4	0.50	<0.05	7.2	0.436	0.94
K310464		650	23.6	156.5	<0.002	0.41	0.41	18.1	1	1.9	96.0	0.68	<0.05	9.2	0.511	1.00
K310465		340	7.2	89.4	<0.002	0.26	0.23	10.1	1	1.3	124.0	0.44	<0.05	6.5	0.346	0.69
K310466		180	7.9	33.6	<0.002	0.18	0.22	4.5	1	0.6	91.6	0.20	<0.05	3.5	0.178	0.27
K310467		250	11.7	69.3	<0.002	0.34	0.24	9.4	1	1.0	65.6	0.39	<0.05	5.3	0.368	0.75
K310468		580	19.7	162.5	<0.002	0.25	0.33	18.1	1	1.8	97.9	0.71	0.05	9.4	0.537	1.05
K310469		180	1.1	0.8	<0.002	<0.01	<0.05	0.2	<1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	<0.02
K310470		590	12.2	121.0	<0.002	0.16	0.25	14.2	1	1.5	96.5	0.58	<0.05	7.4	0.456	0.75
K310471		510	44.7	163.5	<0.002	0.50	0.39	18.8	1	2.0	86.4	0.77	<0.05	11.1	0.573	1.10
K310472		530	25.6	193.5	<0.002	2.38	0.69	20.0	1	2.4	107.5	0.80	0.05	12.1	0.527	1.70
K310473		360	8.2	77.2	<0.002	2.54	8.78	8.9	1	1.3	699	0.41	0.07	5.5	0.266	9.86
K310474		600	19.2	208	0.002	1.47	0.55	22.7	2	2.6	98.9	0.89	0.06	13.8	0.542	2.74
K310475		670	19.0	194.5	0.003	3.30	0.59	21.4	1	2.5	231	0.85	0.07	12.8	0.506	2.72
K310476		530	16.3	173.0	<0.002	5.64	0.63	20.0	1	2.3	157.0	0.84	0.05	12.0	0.545	2.33
K310477		540	15.9	183.5	<0.002	5.80	0.76	21.7	2	2.5	156.5	0.89	0.06	12.5	0.546	2.49
K310478		540	16.5	189.0	<0.002	5.98	0.72	21.5	1	2.5	154.5	0.87	0.05	12.8	0.548	2.48
K310479		550	13.6	191.5	<0.002	4.91	1.17	21.6	1	2.6	128.0	0.87	0.06	13.4	0.533	2.17
K310480		530	30.0	184.0	0.002	5.83	10.50	21.1	2	2.6	121.5	0.84	0.06	12.9	0.522	9.90
K310481		550	31.2	184.0	0.004	5.99	17.45	20.1	2	2.6	126.0	0.82	0.06	13.4	0.509	22.3
K310482		510	36.7	167.0	0.003	6.59	7.17	20.0	2	2.4	131.5	0.76	0.05	11.9	0.499	9.06
K310483		580	23.9	176.0	0.003	5.15	1.81	19.5	2	2.3	118.0	0.81	<0.05	12.3	0.516	5.48
K310484		190	1.2	1.1	<0.002	<0.01	0.05	0.2	<1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	0.02
K310485		490	19.4	125.5	0.003	4.01	1.11	14.1	2	2.0	145.5	0.63	0.05	8.5	0.422	5.14
K310486		620	22.7	167.0	0.002	5.25	3.10	19.5	2	2.3	146.0	0.79	<0.05	12.2	0.489	5.67
K310487		540	16.4	144.0	<0.002	4.64	3.77	16.8	1	2.1	113.0	0.71	<0.05	10.4	0.468	2.69
K310488		490	14.0	145.5	<0.002	4.35	1.50	16.7	1	2.0	100.5	0.69	<0.05	9.8	0.474	2.60
K310489		520	16.9	138.5	<0.002	4.82	2.78	16.9	1	2.0	101.5	0.68	0.05	10.0	0.509	2.81
K310490		470	12.7	128.5	0.002	4.05	2.36	15.9	1	2.0	108.5	0.80	0.05	9.6	0.468	2.50
K310491		450	16.8	141.0	<0.002	3.22	0.83	17.2	1	2.0	101.5	0.69	<0.05	9.6	0.474	5.48
K310492		440	13.8	151.5	<0.002	4.54	0.64	18.5	1	2.1	109.5	0.76	0.07	10.5	0.502	4.20
K310493		440	14.3	147.5	<0.002	5.10	0.70	18.2	1	2.0	111.0	0.74	<0.05	10.0	0.492	4.59
K310494		220	29.5	157.5	<0.002	3.71	2.63	19.5	1	2.0	59.0	0.62	<0.05	9.9	0.404	5.83
K310495		340	10.7	109.5	<0.002	3.97	19.75	14.4	1	1.7	70.7	0.59	<0.05	8.1	0.410	10.45
K310496		440	10.4	80.0	0.002	2.61	22.3	8.9	2	1.5	312	0.42	0.05	6.0	0.268	44.3
K310497		340	13.4	125.0	0.002	3.60	4.44	14.3	1	1.9	74.0	0.64	<0.05	9.0	0.401	6.99
K310498		490	11.5	137.5	<0.002	4.52	0.44	15.3	1	2.0	87.5	0.72	<0.05	9.7	0.461	3.59

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121940

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K310463		1.4	120	1.1	15.6	47	94.5
K310464		1.7	132	1.0	21.5	102	102.5
K310465		1.2	87	0.9	15.2	47	73.0
K310466		0.7	50	0.6	8.5	14	38.1
K310467		1.0	103	1.0	11.0	27	66.8
K310468		1.8	136	1.1	21.3	171	111.5
K310469		0.5	1	0.1	0.7	16	0.5
K310470		1.5	115	0.8	19.0	138	89.2
K310471		2.0	148	1.1	20.3	95	123.5
K310472		2.2	143	1.4	22.3	367	125.0
K310473		2.3	71	5.0	16.5	46	67.4
K310474		2.5	149	1.4	26.2	105	135.0
K310475		2.4	144	2.0	25.4	62	127.0
K310476		2.2	141	3.3	23.6	62	126.0
K310477		2.2	145	1.6	25.2	67	126.5
K310478		2.3	145	1.6	24.4	77	147.0
K310479		2.4	147	3.4	24.6	74	129.0
K310480		2.4	152	10.5	24.8	64	129.5
K310481		2.5	150	13.6	24.1	65	131.0
K310482		2.3	141	11.8	22.7	75	121.5
K310483		2.4	143	4.5	22.5	79	119.0
K310484		0.6	1	0.1	0.7	16	<0.5
K310485		1.7	112	5.8	19.0	103	95.6
K310486		2.3	138	7.3	23.9	83	127.0
K310487		1.9	128	6.7	19.9	58	103.0
K310488		1.9	131	2.6	19.8	69	102.0
K310489		1.9	138	5.4	26.0	149	105.0
K310490		1.8	125	6.0	22.1	108	102.5
K310491		1.9	129	1.9	19.9	52	103.5
K310492		2.1	136	2.3	22.4	55	113.0
K310493		2.1	134	2.3	21.5	57	109.5
K310494		2.0	131	4.5	17.9	61	105.0
K310495		1.8	113	8.7	17.2	116	88.5
K310496		6.5	81	7.3	18.6	46	71.5
K310497		1.9	112	8.8	18.3	100	95.2
K310498		2.0	118	1.9	20.6	56	101.0

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121940

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

CERTIFICATE WH14121787

Project: NADALEEN

P.O. No.: BATCH 14- 019

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

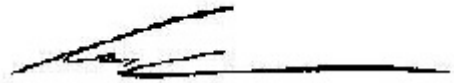
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121787

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310499		8.30	0.41	0.07	5.45	324	160	1.86	0.23	2.37	0.06	61.0	18.3	62	26.6	54.3
K310500		8.39	<0.01	0.06	5.87	155.5	160	2.04	0.28	2.71	0.40	65.3	17.5	63	31.1	50.9
K310501		4.97	<0.01	0.01	0.05	0.7	20	0.06	0.02	19.80	0.06	1.46	0.7	1	0.24	1.9
K310502		7.84	0.14	0.07	5.68	266	150	1.97	0.28	2.01	0.13	62.9	17.9	69	27.9	46.5
K310503		7.77	0.06	0.07	6.33	195.0	180	2.36	0.26	1.88	0.06	66.7	21.3	77	36.5	52.4
K310504		8.42	0.15	0.06	5.92	277	160	2.08	0.26	3.01	0.03	59.5	18.4	73	35.3	50.6
K310505		7.95	<0.01	0.06	5.67	159.0	160	1.77	0.25	3.03	0.02	60.0	18.2	67	30.4	53.7
K310506		7.36	0.08	0.06	6.29	229	180	2.40	0.25	2.32	0.03	64.2	20.3	72	35.7	49.0
K310507		4.40	0.50	0.06	5.26	570	160	1.63	0.22	2.50	0.05	56.1	17.3	67	23.9	43.8
K310508		3.58	<0.01	0.05	5.12	146.5	210	1.44	0.23	2.36	0.02	56.4	14.1	60	24.5	44.9
K310509		5.31	<0.01	0.01	0.05	2.6	30	0.06	0.02	20.1	0.07	1.28	0.7	12	0.17	3.2
K310510		5.62	<0.01	0.06	5.10	161.5	210	1.45	0.20	2.46	0.07	52.3	14.3	63	23.2	48.0
K310511		2.88	<0.01	0.08	5.29	154.0	300	1.65	0.21	2.19	0.07	55.5	18.9	68	26.5	43.2
K310512		5.60	<0.01	0.05	3.26	68.4	90	1.09	0.12	2.11	0.03	33.8	13.6	54	16.10	28.3
K310513		7.41	<0.01	0.07	5.13	186.0	140	1.69	0.20	2.68	0.04	55.9	16.9	73	23.9	42.8
K310514		3.97	0.35	0.10	7.87	628	200	2.97	0.27	1.39	0.03	76.2	22.3	102	38.7	58.5
K310515		5.05	0.73	0.13	6.32	1035	170	1.84	0.25	1.65	0.11	69.1	20.1	70	27.2	55.3
K310516		5.56	1.20	0.10	5.59	1375	140	1.58	0.24	1.96	0.09	60.0	20.3	67	19.10	46.6
K310517		8.26	0.03	0.06	6.72	356	170	2.50	0.25	1.78	0.03	70.5	23.4	74	34.7	52.3
K310518		8.38	0.04	0.08	6.43	200	180	2.43	0.24	1.72	0.02	64.7	24.3	83	37.5	55.2
K310519		0.27	13.10	0.71	4.70	9320	300	0.90	0.25	3.72	0.58	56.1	16.4	76	13.75	64.7
K310520		4.36	0.25	0.10	5.88	446	150	1.91	0.22	2.17	0.06	60.8	19.7	82	26.7	52.1
K310521		3.41	1.71	0.24	4.79	4890	130	1.28	0.17	3.14	0.08	55.5	14.1	60	19.95	37.2
K310522		7.29	0.27	0.09	5.77	392	160	1.95	0.19	2.05	0.07	56.8	20.2	69	29.6	42.6
K310523		5.90	0.49	0.11	6.45	426	180	2.05	0.22	1.31	0.10	61.7	23.1	77	32.9	48.6
K310524		2.18	0.70	0.11	5.88	438	160	1.85	0.19	1.47	0.08	56.5	21.6	71	30.8	46.2
K310525		4.93	0.31	0.08	7.04	488	230	2.27	0.28	3.69	0.05	75.1	24.1	74	34.3	52.0
K310526		3.75	2.49	0.42	6.08	5710	190	1.63	0.33	7.72	0.07	73.6	24.9	43	25.4	52.5
K310527		4.05	1.62	0.32	4.27	1215	590	1.13	0.22	16.35	0.08	48.7	14.1	35	14.35	37.1
K310528		<0.02	1.68	0.33	4.36	1255	440	1.12	0.23	16.40	0.10	50.0	15.1	36	15.10	36.8
K310529		2.92	13.30	1.78	6.55	8320	180	1.40	0.35	6.08	0.26	74.9	23.8	55	20.5	51.7
K310530		3.12	0.43	0.12	2.27	180.5	100	0.80	0.12	27.4	0.07	30.0	8.9	20	6.88	20.0
K310531		7.85	0.11	0.06	3.60	151.5	130	1.10	0.20	21.7	0.05	43.3	14.3	31	11.85	28.4
K310532		0.27	7.81	0.30	3.74	>10000	170	0.72	0.19	10.00	0.72	45.0	12.8	46	9.32	56.1
K310533		8.01	0.01	0.03	3.35	114.0	120	0.99	0.15	22.7	0.05	39.2	11.9	25	14.70	24.8
K310534		8.65	<0.01	0.03	4.31	37.8	140	1.20	0.22	19.10	0.07	50.8	17.2	35	20.5	34.0

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310499		4.44	16.15	0.15	2.8	2.28	0.060	2.67	29.7	15.1	1.31	647	0.93	0.03	9.0	32.8
K310500		4.62	16.95	0.17	2.9	1.59	0.059	2.86	32.0	16.1	1.38	596	0.77	0.03	9.0	30.3
K310501		0.46	0.23	0.08	<0.1	<0.01	<0.005	0.02	0.7	1.1	12.10	191	0.90	<0.01	0.2	1.3
K310502		4.42	16.60	0.16	2.7	1.84	0.052	2.77	31.4	12.7	1.12	492	0.62	0.02	8.6	30.0
K310503		4.63	19.05	0.15	3.0	1.87	0.065	2.97	32.9	17.7	1.15	461	0.45	0.03	9.5	32.2
K310504		4.88	17.25	0.13	3.1	0.94	0.060	2.82	29.1	15.6	1.55	775	0.34	0.03	9.7	30.3
K310505		5.09	17.00	0.15	3.0	0.93	0.061	2.60	29.4	21.2	1.54	687	0.34	0.03	10.0	30.9
K310506		4.29	18.55	0.16	3.2	1.62	0.059	3.01	31.4	17.2	1.44	603	0.42	0.03	9.4	31.9
K310507		4.28	15.50	0.14	2.8	2.18	0.056	2.49	27.4	12.2	1.41	603	0.49	0.02	8.9	28.5
K310508		3.60	14.85	0.12	2.9	1.37	0.051	2.01	27.4	29.9	1.26	472	0.34	0.02	9.3	24.4
K310509		0.46	0.20	0.10	<0.1	<0.01	0.006	0.02	0.6	1.1	12.45	196	0.07	<0.01	0.2	1.1
K310510		3.89	14.05	0.12	2.5	1.27	0.053	2.05	25.8	30.0	1.30	462	0.62	0.02	8.1	23.4
K310511		4.02	15.10	0.15	3.0	1.80	0.044	2.28	27.2	29.9	1.24	389	0.76	0.03	8.6	29.9
K310512		2.67	9.44	0.09	1.7	0.75	0.029	1.42	16.4	18.1	0.98	458	0.69	0.02	4.7	18.1
K310513		3.95	15.05	0.13	2.4	1.26	0.052	2.33	27.3	16.7	1.30	613	0.89	0.02	8.1	26.8
K310514		4.18	24.0	0.16	3.1	2.46	0.069	3.81	37.9	16.8	1.07	644	0.49	0.03	11.2	36.3
K310515		4.96	19.25	0.16	2.9	4.13	0.049	2.96	34.2	13.5	1.02	868	0.57	0.02	9.7	32.8
K310516		4.66	16.75	0.15	2.8	4.31	0.046	2.63	29.6	11.0	1.01	864	0.51	0.02	9.0	31.8
K310517		4.80	19.85	0.17	3.1	1.99	0.069	3.19	34.8	15.6	1.08	502	0.48	0.03	10.1	34.2
K310518		4.64	19.00	0.14	2.8	2.38	0.068	3.09	31.9	18.8	1.05	541	0.52	0.03	9.2	35.1
K310519		4.45	14.35	0.15	2.6	25.1	0.020	2.15	30.2	18.0	0.34	585	6.00	0.02	7.7	36.0
K310520		5.04	17.50	0.16	2.9	2.12	0.056	2.78	29.4	16.0	1.13	898	0.46	0.02	9.2	31.1
K310521		3.98	13.95	0.13	2.3	4.30	0.045	2.18	27.6	16.1	1.15	1290	0.38	0.02	7.2	21.7
K310522		4.19	17.10	0.15	2.5	2.78	0.054	2.78	27.9	19.2	0.75	632	0.59	0.02	7.5	30.5
K310523		4.50	19.05	0.15	3.0	2.95	0.063	3.10	30.4	23.5	0.69	512	0.44	0.02	8.6	36.1
K310524		4.27	17.25	0.15	2.4	3.02	0.053	2.78	27.9	23.4	0.66	545	0.64	0.02	7.8	33.2
K310525		4.39	21.6	0.16	3.1	2.33	0.072	3.63	36.7	17.3	1.50	1190	0.55	0.03	11.0	35.3
K310526		5.26	17.70	0.15	2.7	4.58	0.060	2.99	38.1	10.5	2.87	2320	1.34	0.03	9.4	34.0
K310527		3.20	12.10	0.13	2.2	7.97	0.042	2.01	24.8	7.1	1.92	2430	0.50	0.02	6.6	22.4
K310528		3.38	12.75	0.14	2.2	8.30	0.043	2.06	25.6	7.6	2.02	2490	0.46	0.02	6.9	21.4
K310529		4.41	19.00	0.13	3.3	12.4	0.056	3.22	38.3	9.8	1.23	1380	0.73	0.03	10.5	31.6
K310530		1.78	6.55	0.11	1.4	1.69	0.029	1.11	15.6	4.1	0.94	671	0.19	0.02	3.7	11.8
K310531		2.59	10.10	0.12	1.9	2.62	0.043	1.73	24.6	5.9	1.25	823	0.70	0.02	5.7	17.3
K310532		2.98	11.10	0.13	2.1	30.4	0.038	1.71	24.8	13.5	0.35	720	3.49	0.02	5.9	25.2
K310533		2.43	8.95	0.11	1.7	1.07	0.037	1.59	21.9	7.5	1.31	720	0.69	0.02	7.4	13.7
K310534		2.67	12.25	0.14	2.2	0.84	0.048	2.09	28.7	7.2	1.16	608	0.91	0.03	6.5	20.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310499		350	22.3	138.5	<0.002	3.96	3.83	17.3	1	2.3	77.6	0.65	<0.05	9.7	0.391	6.53
K310500		490	18.4	148.5	<0.002	3.87	0.63	17.5	1	2.0	87.0	0.67	0.07	10.4	0.391	4.28
K310501		180	1.7	1.5	<0.002	0.01	0.08	0.2	1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	<0.02
K310502		310	18.6	147.5	<0.002	4.02	3.12	16.9	2	2.1	70.8	0.66	0.07	10.1	0.366	5.30
K310503		300	20.9	162.5	<0.002	4.22	2.24	20.3	1	2.7	77.1	0.71	<0.05	10.9	0.409	5.57
K310504		400	12.5	161.0	<0.002	4.20	2.80	18.4	1	2.3	81.5	0.70	<0.05	9.8	0.449	4.83
K310505		420	13.3	151.5	<0.002	4.44	1.16	18.2	1	2.7	101.5	0.71	0.05	10.1	0.447	6.14
K310506		310	20.4	166.5	<0.002	3.84	2.40	20.9	1	1.9	73.0	0.69	<0.05	10.0	0.418	5.75
K310507		350	17.6	134.5	<0.002	3.90	3.46	17.0	1	1.8	83.1	0.65	0.06	9.0	0.410	6.73
K310508		450	10.1	114.5	<0.002	3.19	0.75	14.9	1	2.2	152.5	0.68	0.06	9.4	0.393	4.17
K310509		180	1.5	1.2	<0.002	0.01	0.12	0.2	<1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005	0.03
K310510		340	11.2	112.0	0.002	3.41	0.71	14.8	1	2.6	109.0	0.58	<0.05	8.3	0.366	4.85
K310511		380	19.7	125.5	<0.002	3.63	1.08	16.5	1	1.8	142.5	0.63	0.06	8.8	0.380	5.10
K310512		130	12.7	76.6	<0.002	2.03	0.59	10.8	1	1.1	53.3	0.34	<0.05	4.8	0.213	2.70
K310513		290	15.1	129.0	<0.002	3.20	1.15	16.6	2	1.8	95.4	0.57	0.05	8.5	0.349	5.58
K310514		280	24.3	191.0	<0.002	3.69	6.69	25.6	1	2.6	71.9	0.80	<0.05	12.2	0.494	7.16
K310515		290	20.3	159.5	<0.002	4.78	13.75	21.3	2	2.0	81.6	0.73	0.07	10.7	0.417	15.75
K310516		310	19.0	141.5	<0.002	4.44	16.85	19.4	1	1.8	69.9	0.64	0.06	9.7	0.391	17.15
K310517		290	21.1	172.0	<0.002	4.35	1.97	21.4	1	2.4	77.2	0.74	<0.05	10.9	0.432	5.77
K310518		220	23.7	168.0	0.002	4.04	1.91	21.7	2	2.3	72.7	0.65	<0.05	10.2	0.409	6.27
K310519		470	18.3	110.0	0.003	4.42	106.5	9.1	2	2.4	243	0.57	0.18	8.4	0.319	101.5
K310520		310	15.0	153.0	<0.002	4.58	7.21	19.2	2	2.3	75.7	0.66	0.06	9.7	0.415	8.19
K310521		270	9.7	116.5	<0.002	2.94	30.1	15.6	1	1.7	92.5	0.54	0.05	8.0	0.311	22.5
K310522		290	17.3	145.0	<0.002	3.55	6.38	18.9	1	1.7	86.1	0.55	<0.05	8.5	0.340	11.65
K310523		260	22.7	163.5	0.003	4.18	8.47	21.2	2	2.0	72.0	0.63	<0.05	9.8	0.388	12.05
K310524		220	21.1	149.5	0.002	3.92	9.60	20.0	1	2.1	69.4	0.57	<0.05	8.8	0.339	13.00
K310525		380	13.6	171.0	<0.002	3.07	6.63	22.1	1	2.3	106.5	0.79	0.05	11.5	0.429	10.95
K310526		280	13.4	151.5	0.002	3.85	32.1	16.0	2	1.9	171.5	0.67	0.11	11.3	0.330	27.8
K310527		310	19.8	103.0	<0.002	2.49	24.1	11.9	1	1.4	322	0.48	0.12	7.3	0.255	41.4
K310528		320	16.6	107.5	<0.002	2.63	25.4	12.5	2	1.5	325	0.49	0.12	7.5	0.262	43.7
K310529		340	24.2	161.0	<0.002	4.56	80.0	16.5	2	2.2	139.5	0.76	0.21	11.3	0.405	91.0
K310530		220	9.8	56.0	<0.002	1.34	4.87	6.9	1	0.8	737	0.25	0.06	4.1	0.136	8.19
K310531		320	13.2	85.5	0.003	2.05	2.53	10.0	1	1.2	622	0.40	0.09	6.4	0.209	9.74
K310532		510	18.0	87.1	0.002	3.50	106.5	9.4	2	2.0	420	0.43	0.13	7.3	0.225	65.5
K310533		400	10.1	76.0	<0.002	1.53	1.03	8.9	1	1.1	600	0.47	0.08	5.5	0.221	4.95
K310534		280	14.3	101.5	0.003	2.10	0.57	11.6	2	1.4	473	0.48	0.11	7.6	0.252	11.35

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CERTIFICATE OF ANALYSIS WH14121787

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K310499		2.0	110	3.7	19.7	52	94.5	
K310500		2.3	108	1.3	20.9	121	96.7	
K310501		0.6	1	0.1	0.9	14	0.7	
K310502		2.1	103	5.6	18.1	77	90.3	
K310503		2.1	123	4.9	20.9	59	101.5	
K310504		1.8	123	4.4	20.6	54	100.5	
K310505		2.0	117	3.2	21.3	57	108.5	
K310506		1.9	129	3.8	20.1	51	99.5	
K310507		1.8	112	4.5	18.5	48	94.6	
K310508		1.9	99	2.7	19.0	47	96.8	
K310509		0.8	1	0.1	0.8	14	0.5	
K310510		1.7	97	1.9	16.7	66	84.2	
K310511		1.8	106	2.8	17.9	64	100.0	
K310512		1.0	65	1.6	11.1	35	57.6	
K310513		1.7	100	2.6	18.5	48	85.4	
K310514		2.2	167	4.9	21.2	38	109.0	
K310515		2.2	125	6.7	21.0	45	99.8	
K310516		1.9	114	7.9	20.6	48	94.5	
K310517		2.1	132	3.4	21.8	47	104.5	
K310518		1.9	136	1.9	19.9	42	98.0	
K310519		4.6	87	5.6	22.3	72	86.7	
K310520		1.9	123	4.3	20.4	51	97.1	
K310521		1.7	90	3.7	17.6	41	75.2	
K310522		1.9	118	3.6	18.0	56	79.8	
K310523		2.1	131	4.5	18.8	65	96.8	
K310524		1.8	118	3.9	17.3	55	81.9	
K310525		2.1	123	5.0	22.2	52	103.5	
K310526		3.1	85	4.4	22.3	42	94.9	
K310527		2.0	69	3.4	18.1	46	74.9	
K310528		2.0	70	3.5	18.6	47	77.1	
K310529		2.9	111	7.0	19.8	86	111.5	
K310530		1.9	35	1.3	14.1	41	42.9	
K310531		2.3	56	1.6	17.9	37	63.8	
K310532		4.3	62	7.4	23.1	127	67.8	3.40
K310533		2.2	56	1.1	17.1	38	59.8	
K310534		2.7	69	0.7	19.7	47	74.4	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121787

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

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Finalized Date: 17- AUG- 2014
Account: RCM

CERTIFICATE WH14121789

Project: NADALEEN

P.O. No.: BATCH 14- 020

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

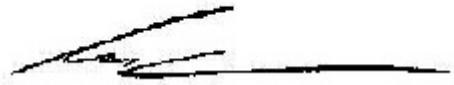
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- AUG- 2014
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CERTIFICATE OF ANALYSIS WH14121789

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310535		7.35	0.03	0.02	1.20	81.9	90	0.40	0.06	31.7	0.04	19.05	5.3	12	3.79	13.7
K310536		4.73	0.23	0.13	1.27	176.0	120	0.40	0.06	31.2	0.05	21.1	5.0	12	4.74	11.7
K310537		3.47	8.56	2.12	2.57	>10000	180	0.45	0.12	19.05	0.37	31.7	9.0	26	7.06	23.4
K310538		7.11	13.15	2.74	2.90	>10000	140	0.40	0.13	6.57	0.57	40.5	8.6	30	8.74	25.5
K310539		4.45	1.99	0.52	0.86	>10000	40	0.10	0.05	0.22	0.14	15.40	2.8	12	2.25	9.9
K310540		5.01	0.01	0.02	0.05	611	40	0.06	0.03	21.1	0.07	1.19	1.9	1	0.19	2.5
K310541		5.49	5.36	1.99	1.61	>10000	100	0.25	0.10	9.75	1.00	28.0	4.9	19	3.37	16.1
K310542		4.50	9.56	5.04	2.45	>10000	250	0.39	0.13	2.79	0.78	30.6	7.5	29	5.24	23.0
K310543		3.58	14.65	1.65	1.10	>10000	50	0.16	0.08	0.97	0.64	20.2	3.8	19	2.25	15.7
K310544		7.27	19.55	2.34	1.38	>10000	90	0.23	0.10	1.14	1.29	24.7	4.7	23	2.70	17.2
K310545		<0.02	19.70	2.38	1.37	>10000	90	0.19	0.09	1.14	1.32	24.7	4.8	23	2.63	17.4
K310546		5.81	7.56	0.25	3.42	>10000	150	0.39	0.07	5.29	0.72	41.9	12.4	26	7.34	18.9
K310547		6.25	3.78	<0.01	7.92	>10000	140	0.82	0.04	1.32	0.37	70.5	34.6	25	20.5	39.0
K310548		8.48	7.90	0.04	0.98	>10000	40	0.15	0.05	9.76	0.21	12.45	2.3	12	1.76	7.6
K310549		3.53	5.12	1.32	1.01	>10000	50	0.16	0.06	6.38	0.48	30.7	2.9	16	1.79	11.7
K310550		7.71	8.72	6.47	0.94	>10000	60	0.14	0.07	3.80	0.81	24.2	3.1	19	1.65	9.2
K310551		5.10	0.01	0.02	0.04	161.0	40	0.05	0.02	20.2	0.06	1.21	1.8	1	0.12	2.8
K310552		8.54	8.42	0.05	1.32	>10000	70	0.18	0.08	0.35	0.67	23.1	3.9	21	2.46	14.6
K310553		5.56	12.85	0.08	2.14	>10000	80	0.33	0.14	0.93	0.75	31.5	6.5	30	3.76	22.5
K310554		5.00	0.52	0.01	0.47	333	60	0.17	0.02	34.5	0.04	10.15	2.4	6	1.14	6.3
K310555		4.72	0.04	0.01	1.21	262	130	0.32	0.06	32.6	0.13	19.00	4.9	12	4.86	13.1
K310556		7.65	0.27	0.15	0.42	>10000	110	0.17	0.02	34.9	0.05	8.56	2.2	5	1.10	5.7
K310557		3.82	0.24	0.14	0.39	3950	110	0.18	0.02	34.7	0.09	7.79	2.0	4	0.97	4.8
K310558		7.36	0.45	0.35	0.69	107.5	90	0.23	0.03	33.5	0.09	13.00	3.1	7	2.27	8.4
K310559		0.27	7.81	0.27	3.88	>10000	170	0.68	0.19	10.05	0.68	46.0	11.8	46	9.14	54.4
K310560		7.42	0.18	0.26	0.90	86.9	90	0.24	0.04	31.3	0.11	16.30	3.5	10	4.02	9.5
K310561		7.82	0.21	0.19	2.62	110.5	140	0.69	0.13	25.0	0.31	39.3	9.3	25	14.45	24.0
K310562		7.33	0.02	0.01	0.89	61.5	130	0.32	0.04	30.3	0.08	15.90	3.6	9	3.43	9.9
K310563		7.85	<0.01	0.02	1.33	36.6	150	0.41	0.06	30.1	0.10	22.3	4.9	13	5.58	13.6
K310564		0.27	2.47	0.16	3.79	5950	190	0.91	0.13	11.45	0.15	42.8	11.7	42	11.00	35.4
K310565		7.44	0.13	<0.01	0.66	40.7	150	0.30	0.03	32.1	0.08	12.25	3.0	7	2.13	7.8
K310566		7.69	<0.01	0.03	1.82	50.9	190	0.50	0.08	28.4	0.19	27.4	6.6	18	5.81	18.6
K310567		6.52	<0.01	0.01	0.24	24.0	120	0.20	0.01	32.4	0.09	5.15	1.2	3	0.44	4.4
K310568		7.27	0.01	0.02	1.24	56.4	730	0.40	0.06	30.5	0.16	18.45	4.8	13	4.78	13.7
K310569		7.48	0.01	0.03	1.40	57.0	170	0.44	0.07	30.9	0.15	19.40	4.7	14	4.51	14.2
K310570		6.91	0.01	0.01	1.03	38.5	150	0.34	0.05	32.5	0.13	17.45	3.8	10	2.66	10.4

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121789

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310535		1.06	3.36	<0.05	0.6	1.11	0.016	0.57	10.9	2.6	0.86	333	0.57	0.01	2.0	2.8
K310536		0.95	3.47	<0.05	0.9	1.81	0.017	0.60	12.4	4.1	0.62	561	0.71	0.02	2.5	2.1
K310537		1.76	6.91	0.06	1.3	9.08	0.068	1.18	18.3	11.9	0.61	1540	1.46	0.02	3.8	10.7
K310538		2.06	7.32	0.09	1.5	12.2	0.328	1.26	21.2	15.6	0.23	445	0.85	0.01	4.0	14.4
K310539		0.69	2.41	<0.05	0.5	9.29	0.634	0.41	7.6	8.0	0.07	38	0.49	<0.01	1.5	5.2
K310540		0.49	0.41	0.24	<0.1	0.01	0.007	0.02	0.6	1.1	13.10	212	0.08	<0.01	0.4	1.1
K310541		1.36	4.32	<0.05	0.8	17.3	0.109	0.67	13.8	26.4	0.15	669	0.76	0.01	2.1	7.7
K310542		1.56	6.62	<0.05	1.3	24.7	0.090	1.03	14.1	27.5	0.19	225	1.22	0.01	3.3	13.0
K310543		1.75	2.85	<0.05	0.6	43.7	0.202	0.45	10.5	36.3	0.08	196	0.64	0.01	1.6	7.3
K310544		2.15	3.71	<0.05	0.8	44.0	0.088	0.58	12.6	36.3	0.10	138	0.68	0.01	1.9	8.4
K310545		2.06	3.68	<0.05	0.7	44.7	0.090	0.58	12.5	35.8	0.10	125	0.63	0.01	1.9	8.5
K310546		2.29	9.13	0.05	1.8	34.8	0.060	1.43	20.8	21.2	0.19	450	0.97	0.01	13.8	13.2
K310547		5.81	20.7	0.19	3.9	41.7	0.075	3.70	32.0	14.1	0.27	171	1.99	0.02	63.4	22.3
K310548		1.80	2.63	<0.05	0.5	54.4	0.323	0.43	6.5	16.3	0.11	600	0.26	<0.01	1.7	2.2
K310549		1.46	2.80	<0.05	0.6	43.8	0.103	0.41	13.3	30.3	0.08	370	0.41	<0.01	1.5	4.4
K310550		1.49	2.59	<0.05	0.5	36.0	0.118	0.38	11.5	34.1	0.07	418	0.41	<0.01	1.4	5.3
K310551		0.46	0.35	0.18	<0.1	0.07	0.007	0.01	0.6	1.0	12.35	204	0.06	0.01	0.4	0.7
K310552		1.40	3.22	<0.05	0.7	24.6	0.269	0.55	10.9	29.8	0.10	52	0.54	0.01	1.8	7.6
K310553		1.90	5.44	<0.05	1.2	21.4	0.107	0.91	15.1	38.0	0.14	130	0.77	0.01	2.9	11.8
K310554		0.40	1.43	<0.05	0.3	2.03	0.010	0.21	4.8	2.0	0.23	283	0.16	0.01	1.1	<0.2
K310555		0.77	3.32	<0.05	0.7	2.80	0.016	0.55	10.2	4.4	0.36	178	0.76	0.01	2.2	3.6
K310556		0.37	1.28	<0.05	0.2	1.42	0.029	0.19	4.3	2.0	0.30	813	0.22	0.01	1.1	<0.2
K310557		0.34	1.27	0.05	0.2	1.37	0.015	0.17	3.9	1.8	0.28	911	0.19	0.01	1.0	<0.2
K310558		0.53	2.09	<0.05	0.4	1.75	0.010	0.31	6.7	3.1	0.25	916	0.35	0.01	1.5	1.5
K310559		2.99	9.97	0.07	2.0	30.6	0.089	1.76	24.6	14.6	0.35	767	3.47	0.02	5.7	23.9
K310560		0.65	2.50	<0.05	0.5	1.72	0.010	0.40	8.4	4.5	0.30	467	0.52	0.02	1.7	2.7
K310561		1.54	7.23	0.05	1.5	3.50	0.025	1.17	20.4	13.4	0.68	561	1.96	0.02	4.5	13.4
K310562		0.68	2.53	<0.05	0.5	0.88	0.011	0.40	8.2	4.2	0.54	289	0.43	0.01	1.8	3.8
K310563		0.92	3.61	<0.05	0.7	0.40	0.015	0.60	11.8	7.3	0.79	170	0.81	0.02	2.4	6.3
K310564		2.84	9.35	0.05	2.2	17.5	0.046	1.75	21.9	12.0	2.46	1130	1.79	0.02	6.1	23.8
K310565		0.59	1.86	<0.05	0.4	0.59	0.008	0.26	6.1	2.8	0.65	415	0.44	0.01	1.5	3.0
K310566		1.35	4.62	<0.05	1.0	1.16	0.022	0.76	13.9	7.2	0.85	268	1.17	0.02	3.1	9.7
K310567		0.39	0.70	0.07	0.2	0.37	<0.005	0.09	2.1	1.0	0.64	171	0.22	0.01	0.4	1.7
K310568		0.96	3.20	<0.05	0.7	1.72	0.016	0.55	9.4	4.1	0.81	294	0.93	0.01	2.3	6.6
K310569		0.95	3.41	<0.05	0.8	1.69	0.014	0.61	9.9	4.5	0.72	275	0.63	0.01	2.6	8.0
K310570		0.79	2.61	<0.05	0.6	0.90	0.014	0.45	9.0	3.1	0.49	360	0.40	0.01	2.0	5.5

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Finalized Date: 17- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121789

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310535		140	4.5	28.8	0.002	0.69	1.44	3.8	2	0.4	1140	0.12	<0.05	2.3	0.065	4.36
K310536		110	4.6	31.1	0.002	0.81	4.06	4.2	2	0.5	1570	0.16	<0.05	2.5	0.080	6.13
K310537		240	8.5	60.0	0.005	3.27	125.5	6.3	4	0.9	712	0.27	0.12	4.7	0.146	39.5
K310538		380	9.4	60.9	0.003	>10.0	433	5.0	11	0.9	302	0.31	0.31	5.3	0.162	42.0
K310539		340	3.8	18.8	0.002	>10.0	137.5	0.8	2	0.3	67.1	0.10	0.12	1.9	0.055	19.95
K310540		180	1.2	1.2	<0.002	0.04	0.38	0.4	1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	<0.02
K310541		570	5.7	32.7	0.003	4.18	129.0	4.5	3	0.7	343	0.16	0.11	3.0	0.083	41.7
K310542		1960	6.5	51.8	0.005	3.57	162.0	3.7	3	0.9	535	0.26	0.12	4.8	0.133	75.2
K310543		230	4.4	20.3	0.003	7.08	290	1.4	3	0.6	63.6	0.12	0.14	2.1	0.063	128.0
K310544		490	5.7	26.3	0.003	4.20	187.0	1.7	3	0.8	95.2	0.15	0.11	2.6	0.079	121.5
K310545		470	5.5	26.4	0.002	4.25	190.5	1.7	3	0.8	94.3	0.15	0.12	2.5	0.078	118.5
K310546		1510	5.0	69.5	0.003	3.35	80.4	6.9	2	1.0	199.0	0.83	0.07	4.9	0.332	80.5
K310547		2240	5.4	147.5	0.003	7.29	34.4	10.4	4	1.9	170.5	3.56	0.08	5.8	1.210	89.8
K310548		120	3.5	19.7	<0.002	9.69	57.5	2.8	2	0.7	146.0	0.10	0.05	1.5	0.057	111.0
K310549		1380	2.9	20.6	0.002	3.65	71.3	2.7	2	0.6	123.5	0.11	0.06	2.4	0.055	104.0
K310550		720	5.5	18.3	<0.002	4.22	218	2.7	3	0.5	93.3	0.10	0.12	2.1	0.053	99.5
K310551		160	1.3	0.8	<0.002	0.01	0.52	0.3	1	<0.2	55.4	<0.05	<0.05	<0.2	<0.005	0.25
K310552		550	7.2	25.8	0.003	8.48	323	1.4	4	0.7	90.1	0.14	0.15	2.7	0.076	71.5
K310553		470	9.5	46.9	0.004	4.46	170.0	2.4	3	1.0	93.4	0.24	0.14	4.0	0.121	56.1
K310554		460	3.5	11.1	0.002	0.36	2.87	2.1	2	0.2	1720	0.06	<0.05	0.9	0.027	4.66
K310555		180	4.4	28.6	0.003	0.77	2.26	3.7	2	0.4	1655	0.14	0.05	2.3	0.064	6.89
K310556		340	1.7	9.8	0.002	0.80	30.6	2.9	2	0.2	1720	0.05	0.05	0.8	0.022	3.52
K310557		340	1.6	8.9	<0.002	0.47	14.20	2.9	2	0.2	1635	<0.05	<0.05	0.8	0.020	3.38
K310558		270	2.4	17.0	0.003	0.51	4.16	4.3	2	0.2	1685	0.08	<0.05	1.3	0.040	4.47
K310559		510	16.4	85.3	0.003	3.55	99.7	8.9	3	2.0	435	0.43	0.14	7.5	0.224	64.3
K310560		320	3.0	22.0	0.002	0.65	4.17	4.1	2	0.3	1970	0.10	0.05	1.7	0.049	4.24
K310561		160	8.4	68.4	0.007	1.63	7.14	7.5	3	0.8	1555	0.30	0.06	5.0	0.141	10.70
K310562		460	3.3	21.9	0.002	0.60	0.68	2.7	2	0.4	1610	0.10	0.05	1.7	0.050	3.79
K310563		170	4.4	31.6	0.003	0.83	0.28	4.5	2	0.5	2010	0.15	<0.05	2.5	0.071	3.65
K310564		410	11.1	86.0	0.002	2.56	22.2	10.2	2	1.7	305	0.46	0.05	6.8	0.265	43.8
K310565		520	2.4	13.8	0.002	0.52	0.21	2.3	2	0.3	1765	0.07	<0.05	1.3	0.036	1.69
K310566		990	5.7	40.0	0.005	1.20	0.34	5.4	2	0.6	1685	0.20	<0.05	3.3	0.098	1.85
K310567		250	1.3	4.5	<0.002	0.24	0.13	0.8	1	<0.2	2080	<0.05	<0.05	0.5	0.014	0.13
K310568		260	4.2	28.4	0.004	0.83	0.38	3.2	2	0.4	1580	0.14	<0.05	2.3	0.068	1.66
K310569		400	4.3	30.3	0.003	0.82	0.55	3.3	2	0.5	1960	0.15	<0.05	2.6	0.078	2.25
K310570		730	3.4	21.5	0.002	0.61	0.28	3.2	2	0.4	1925	0.11	0.05	1.9	0.059	1.70

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121789

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K310535		2.1	17	0.8	12.0	19	23.7	
K310536		2.1	18	1.2	14.8	15	31.9	
K310537		3.7	41	2.3	18.3	51	46.9	2.90
K310538		5.5	47	3.7	18.5	66	47.8	19.45
K310539		2.7	18	1.3	10.1	18	16.1	>30.0
K310540		0.5	2	0.1	0.8	16	<0.5	
K310541		4.7	28	2.2	27.4	90	28.0	5.79
K310542		7.3	43	3.4	27.9	73	43.8	4.61
K310543		4.0	20	1.4	13.4	48	18.7	12.80
K310544		3.9	25	2.2	17.5	81	23.0	4.48
K310545		3.8	25	2.0	18.0	79	23.1	4.77
K310546		4.9	77	8.7	22.1	69	72.6	2.09
K310547		1.9	238	25.3	25.2	107	162.5	1.755
K310548		1.5	17	1.6	8.7	43	16.5	17.30
K310549		3.2	16	2.1	16.3	58	20.5	4.82
K310550		3.8	16	1.5	14.8	55	17.5	6.35
K310551		0.7	1	0.1	0.8	18	<0.5	
K310552		4.4	23	2.0	14.6	53	22.6	16.50
K310553		4.9	38	3.5	19.1	72	36.1	5.74
K310554		2.3	7	0.6	13.5	3	11.9	
K310555		2.7	18	1.6	13.5	19	23.5	
K310556		1.7	6	0.5	11.7	5	9.5	1.070
K310557		1.6	6	0.6	11.3	8	8.8	
K310558		2.3	11	0.9	15.2	9	14.7	
K310559		4.4	61	8.6	22.5	129	68.9	3.28
K310560		2.5	14	0.9	15.5	12	18.2	
K310561		3.9	42	2.7	18.9	44	51.6	
K310562		2.0	14	0.6	11.3	12	19.6	
K310563		2.9	22	0.5	17.7	18	25.5	
K310564		6.8	79	8.2	19.2	46	78.7	
K310565		2.2	12	0.3	11.5	9	15.8	
K310566		2.9	32	0.8	18.4	28	38.5	
K310567		1.9	4	0.2	6.2	5	6.4	
K310568		2.3	22	0.8	12.1	19	25.2	
K310569		2.2	24	1.0	12.5	20	28.7	
K310570		2.1	17	0.7	15.1	17	23.0	

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ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121789

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

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Finalized Date: 16- AUG- 2014
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CERTIFICATE WH14121788

Project: NADALEEN

P.O. No.: BATCH 14- 021

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

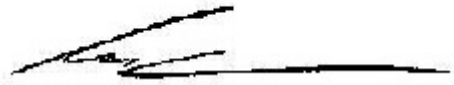
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121788

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310571		7.21	<0.01	0.02	2.30	57.1	170	0.65	0.13	26.8	0.19	32.1	6.7	22	7.81	20.7
K310572		8.37	<0.01	0.04	4.06	152.5	250	0.81	0.22	19.35	0.25	44.7	11.6	39	14.00	36.2
K310573		7.18	<0.01	0.01	1.28	73.0	150	0.35	0.08	30.7	0.12	18.50	4.1	13	3.18	12.6
K310574		0.26	2.67	0.14	3.86	5980	200	0.76	0.15	11.35	0.13	37.1	11.0	42	10.80	34.4
K310575		8.55	0.02	0.02	1.50	88.2	170	0.37	0.11	29.8	0.18	20.3	4.4	15	3.65	14.4
K310576		7.73	1.67	0.73	0.95	1560	120	0.28	0.07	30.6	0.21	14.05	2.9	10	2.04	10.3
K310577		8.06	<0.01	<0.01	0.39	28.8	90	0.22	0.04	34.7	0.05	6.24	1.4	4	0.91	4.4
K310578		<0.02	<0.01	<0.01	0.38	23.2	90	0.25	0.04	34.4	0.04	5.93	1.3	4	0.86	4.4
K310579		8.43	<0.01	0.02	1.32	42.8	160	0.42	0.09	31.6	0.15	18.65	4.2	13	3.99	13.8
K310580		7.49	<0.01	0.01	0.93	41.9	140	0.32	0.06	33.3	0.07	14.40	2.9	9	2.48	9.1
K310581		8.41	<0.01	<0.01	0.50	28.9	130	0.26	0.04	32.9	0.04	8.56	1.6	5	1.10	4.9
K310582		3.62	<0.01	<0.01	0.49	24.4	130	0.27	0.04	34.4	0.04	7.58	1.6	5	1.04	5.0
K310583		8.19	<0.01	<0.01	0.50	29.1	120	0.22	0.04	34.2	0.08	7.49	1.7	5	1.03	5.3
K310584		8.18	0.01	0.01	1.19	52.8	120	0.37	0.07	32.2	0.09	17.30	3.9	12	2.77	11.2
K310585		8.26	<0.01	<0.01	0.76	33.5	110	0.28	0.05	32.9	0.06	12.85	2.5	7	1.76	7.4
K310586		8.27	0.01	0.01	1.20	59.5	130	0.34	0.07	31.5	0.10	17.40	3.9	12	2.86	12.4
K310587		7.84	0.02	0.01	1.05	60.8	100	0.34	0.07	32.3	0.08	15.75	3.5	11	2.56	10.5
K310588		7.89	0.01	0.04	1.36	80.6	140	0.35	0.08	28.8	0.11	18.95	4.4	13	3.27	14.2
K310589		7.76	0.09	0.03	2.07	134.5	250	0.49	0.11	27.0	0.14	25.3	6.9	20	4.76	21.7
K310590		7.58	1.42	0.01	0.75	402	80	0.25	0.05	27.9	0.06	11.15	2.6	7	1.33	8.1
K310591		7.66	0.45	0.03	1.55	2070	140	0.39	0.09	28.7	0.14	19.90	5.2	15	3.68	16.5
K310592		7.74	0.47	0.04	0.73	5030	100	0.23	0.04	32.3	0.13	11.50	2.5	7	1.42	8.7
K310593		6.10	1.85	0.07	0.38	>10000	50	0.10	0.04	30.0	0.17	8.84	1.3	4	0.68	4.9
K310594		4.74	1.27	0.27	2.57	>10000	160	0.57	0.13	21.5	0.33	34.8	9.2	30	5.72	33.1
K310595		4.99	<0.01	<0.01	0.05	42.6	20	0.05	0.03	20.3	0.06	1.00	0.6	1	0.14	1.4
K310596		7.05	3.26	1.04	0.25	1090	20	0.07	0.03	36.1	0.08	3.59	1.0	1	0.48	4.8
K310597		6.49	0.88	0.23	0.09	126.5	10	0.06	0.02	37.2	0.02	1.23	0.5	<1	0.18	2.3
K310598		0.26	7.80	0.25	3.89	>10000	180	0.70	0.19	10.25	0.67	40.1	12.2	46	8.85	56.2
K310599		5.67	0.02	<0.01	0.02	36.3	10	0.05	<0.01	37.6	<0.02	0.31	0.2	<1	0.07	0.5
K310600		5.19	0.53	0.40	0.86	>10000	70	0.22	0.04	32.3	0.07	12.45	3.0	8	1.78	10.3
K310601		5.03	0.45	0.16	4.42	5990	300	0.92	0.19	13.35	0.44	49.3	17.6	54	12.90	63.7
K310602		7.54	0.48	0.12	5.19	1100	240	1.19	0.21	10.70	0.40	45.6	20.8	67	13.35	70.1
K310603		4.99	<0.01	<0.01	0.06	10.9	20	0.05	0.02	20.1	0.06	1.12	0.6	<1	0.12	2.1
K310604		7.85	0.29	0.17	5.95	593	230	1.45	0.28	8.71	0.54	59.8	22.9	72	16.25	84.8
K310605		2.79	0.91	0.89	5.91	728	290	1.17	0.25	7.13	0.47	61.0	23.3	70	14.60	79.7
K310606		3.46	1.00	1.44	6.88	625	280	1.26	0.28	7.72	0.57	59.5	27.1	87	17.55	82.4

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121788

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310571		1.57	5.50	0.13	1.1	1.33	0.028	0.99	16.3	6.1	0.82	410	0.80	0.02	3.1	11.7
K310572		2.61	9.59	0.14	1.9	3.65	0.043	1.67	23.6	11.1	1.22	599	1.60	0.03	5.4	21.0
K310573		0.94	3.04	0.11	0.6	1.78	0.018	0.55	9.4	3.5	0.68	356	0.86	0.01	1.7	7.1
K310574		2.91	9.53	0.15	1.9	16.1	0.033	1.81	19.3	9.9	2.54	1170	1.74	0.02	5.6	23.9
K310575		0.98	3.56	0.14	0.7	2.97	0.017	0.67	10.2	4.1	0.87	382	1.00	0.01	1.9	8.2
K310576		0.79	2.43	0.11	0.4	3.89	0.013	0.36	6.6	4.0	0.68	822	0.67	0.01	1.2	5.0
K310577		0.41	1.00	0.13	0.2	0.40	0.005	0.16	3.0	2.0	0.81	555	0.31	0.01	0.5	2.2
K310578		0.39	0.92	0.09	0.2	0.41	<0.005	0.16	2.9	1.9	0.80	539	0.28	0.01	0.5	2.1
K310579		0.89	3.22	0.12	0.6	0.33	0.016	0.59	9.7	4.9	0.90	291	1.09	0.02	1.7	7.5
K310580		0.75	2.38	0.13	0.4	0.40	0.011	0.42	6.9	3.2	0.59	234	0.56	0.01	1.3	5.0
K310581		0.43	1.23	0.13	0.2	0.28	0.008	0.20	4.0	2.0	0.44	334	0.19	0.01	0.7	2.6
K310582		0.42	1.22	0.11	0.2	0.25	0.006	0.20	3.7	2.0	0.47	344	0.18	0.01	0.6	2.6
K310583		0.44	1.23	0.10	0.2	0.39	0.006	0.21	3.7	1.8	0.47	325	0.23	0.01	0.6	2.8
K310584		0.77	3.00	0.13	0.6	1.08	0.017	0.56	8.9	3.8	0.47	137	0.67	0.01	1.6	6.4
K310585		0.54	1.92	0.14	0.4	0.18	0.010	0.35	6.2	3.0	0.35	80	0.30	0.01	1.1	3.8
K310586		0.78	3.07	0.12	0.6	0.59	0.015	0.56	9.4	4.6	0.47	114	0.64	0.01	1.7	6.6
K310587		0.79	2.67	0.12	0.5	0.70	0.012	0.45	8.0	4.3	0.37	109	0.43	0.01	1.4	5.9
K310588		0.94	3.47	0.12	0.7	0.99	0.016	0.62	9.7	4.2	0.75	231	0.85	0.01	1.8	7.9
K310589		1.27	5.24	0.08	1.0	3.15	0.025	0.94	13.3	6.4	0.74	276	1.24	0.01	2.8	12.3
K310590		0.82	1.94	0.05	0.3	2.34	0.013	0.33	4.9	2.4	3.78	1280	0.56	0.01	0.9	4.5
K310591		1.10	4.05	0.06	0.7	6.70	0.021	0.68	10.8	4.8	0.79	820	0.79	0.01	2.1	8.8
K310592		0.60	1.95	0.10	0.3	5.95	0.017	0.32	5.3	3.2	0.20	1980	0.30	0.01	1.0	4.4
K310593		1.08	1.00	0.08	0.2	34.6	0.025	0.21	3.6	4.5	0.23	2030	0.15	<0.01	0.5	2.0
K310594		2.68	6.56	0.10	1.3	41.2	0.038	1.06	15.8	8.6	0.62	1190	1.41	0.01	3.6	17.9
K310595		0.47	0.16	<0.05	<0.1	0.04	0.006	0.02	0.5	1.1	12.70	199	0.09	<0.01	0.2	1.5
K310596		0.42	0.72	<0.05	0.1	4.86	0.016	0.13	1.7	1.1	0.12	6280	0.09	<0.01	0.4	1.3
K310597		0.13	0.29	<0.05	<0.1	0.92	0.011	0.04	0.6	0.7	0.14	3900	<0.05	<0.01	0.1	0.4
K310598		3.03	10.40	0.11	1.8	28.9	0.042	1.76	22.2	16.5	0.36	786	3.55	0.02	5.6	26.9
K310599		0.02	0.07	<0.05	<0.1	0.08	0.009	0.12	<0.5	0.4	0.08	2380	<0.05	<0.01	<0.1	<0.2
K310600		0.59	2.30	0.05	0.4	2.90	0.018	0.47	5.7	2.9	0.24	2150	0.27	0.01	1.1	5.1
K310601		3.72	10.75	0.09	2.1	11.65	0.049	1.75	23.5	10.8	1.05	1040	2.55	0.02	6.1	33.4
K310602		3.99	13.00	0.06	2.5	11.25	0.052	2.31	21.9	11.9	1.04	1080	2.35	0.03	7.0	37.5
K310603		0.47	0.17	<0.05	<0.1	0.03	0.005	0.03	0.5	1.1	12.50	202	0.21	<0.01	0.1	1.5
K310604		4.25	15.40	0.07	2.9	8.13	0.057	2.64	28.9	13.7	1.13	977	3.82	0.03	8.6	45.0
K310605		4.56	14.75	0.05	2.7	7.84	0.053	2.62	28.7	12.3	1.25	1360	2.77	0.03	8.7	44.0
K310606		4.42	17.40	0.06	3.1	7.97	0.058	3.12	28.8	13.4	0.92	1250	3.32	0.03	9.8	49.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121788

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310571		210	7.6	40.8	0.005	1.33	0.41	5.3	1	0.7	1680	0.22	0.07	3.6	0.130	3.55
K310572		300	12.7	67.5	0.006	2.27	1.40	8.8	1	1.2	1160	0.40	0.08	5.9	0.236	8.22
K310573		430	4.4	22.6	0.003	0.84	0.65	3.2	1	0.4	1825	0.12	<0.05	1.9	0.071	2.71
K310574		430	11.0	77.3	0.002	2.61	22.0	9.2	1	1.5	313	0.41	<0.05	5.5	0.269	44.2
K310575		460	5.2	26.5	0.003	0.92	2.75	3.1	1	0.4	1715	0.13	<0.05	2.3	0.082	3.99
K310576		380	6.2	15.0	0.002	0.84	13.35	2.3	1	0.3	1470	0.09	0.05	1.4	0.050	6.11
K310577		160	1.4	6.6	<0.002	0.27	0.24	1.1	1	<0.2	1330	<0.05	<0.05	0.6	0.020	0.61
K310578		170	1.4	6.2	0.002	0.27	0.21	1.0	1	<0.2	1320	<0.05	<0.05	0.6	0.020	0.59
K310579		350	4.5	23.8	0.005	0.81	0.54	3.2	2	0.4	1870	0.12	0.05	2.0	0.073	1.29
K310580		270	3.4	16.8	0.002	0.64	0.49	2.5	1	0.3	1815	0.09	<0.05	1.4	0.051	0.80
K310581		530	1.8	7.8	<0.002	0.33	0.27	1.5	1	0.2	1975	<0.05	<0.05	0.8	0.026	0.64
K310582		430	1.8	8.0	<0.002	0.31	0.25	1.4	1	0.2	1915	0.05	<0.05	0.8	0.026	0.58
K310583		540	2.0	7.9	<0.002	0.31	0.57	1.3	1	0.2	1940	<0.05	0.05	0.8	0.026	0.90
K310584		200	4.4	21.6	0.002	0.74	0.83	2.9	1	0.4	1985	0.11	<0.05	1.8	0.066	2.71
K310585		200	2.9	13.7	<0.002	0.49	0.26	2.0	1	0.2	1865	0.07	<0.05	1.2	0.043	1.56
K310586		280	4.5	23.2	0.003	0.73	0.57	3.2	1	0.4	2000	0.12	<0.05	1.8	0.066	2.03
K310587		130	4.4	19.1	0.002	0.77	0.84	2.6	1	0.3	1795	0.10	0.05	1.6	0.057	2.03
K310588		420	5.4	24.9	0.003	0.87	0.94	3.4	1	0.4	1625	0.13	<0.05	2.1	0.072	3.46
K310589		450	7.8	37.5	0.006	1.22	3.07	5.2	1	0.6	1395	0.21	0.05	3.0	0.114	7.29
K310590		310	4.6	13.6	<0.002	0.53	8.03	2.4	1	0.2	952	0.06	<0.05	1.1	0.038	5.49
K310591		570	9.6	28.5	0.003	1.27	14.35	3.8	2	0.5	1165	0.15	0.05	2.4	0.084	12.85
K310592		310	3.8	13.6	0.002	0.89	17.00	2.6	1	0.3	929	0.07	<0.05	1.1	0.041	11.10
K310593		260	4.1	9.9	<0.002	2.69	61.3	2.7	2	0.4	511	<0.05	<0.05	0.6	0.020	80.6
K310594		900	17.9	45.2	0.006	3.72	57.9	8.5	2	0.9	1045	0.26	0.07	3.5	0.180	91.6
K310595		180	1.2	0.9	<0.002	<0.01	0.14	0.2	<1	<0.2	46.3	<0.05	<0.05	<0.2	<0.005	0.12
K310596		90	4.6	6.1	<0.002	0.52	49.2	3.6	1	<0.2	237	<0.05	<0.05	0.3	0.016	14.40
K310597		50	1.1	1.6	<0.002	0.13	3.80	1.7	1	<0.2	224	<0.05	<0.05	<0.2	0.005	2.84
K310598		510	17.5	78.0	0.003	3.55	102.0	8.8	1	1.8	436	0.39	0.14	6.2	0.225	67.2
K310599		10	<0.5	7.7	<0.002	0.02	0.27	0.8	1	<0.2	204	<0.05	<0.05	<0.2	<0.005	0.17
K310600		160	5.1	24.0	<0.002	1.22	21.1	3.7	2	0.2	845	0.08	<0.05	1.2	0.050	6.34
K310601		1030	15.6	74.8	0.011	3.90	20.0	14.4	3	1.5	1305	0.43	0.06	5.8	0.329	26.1
K310602		830	14.8	92.8	0.011	3.58	14.35	16.3	2	1.5	878	0.50	0.07	6.3	0.415	20.8
K310603		190	1.2	1.6	<0.002	0.01	0.12	0.2	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.08
K310604		900	18.2	111.0	0.019	3.66	14.95	17.9	3	1.8	428	0.62	0.07	8.0	0.436	18.25
K310605		1030	17.8	108.5	0.014	4.11	19.05	18.3	3	1.7	458	0.59	0.08	7.5	0.476	20.6
K310606		800	18.6	135.5	0.017	4.58	19.35	17.8	2	1.9	450	0.67	0.12	8.4	0.553	20.8

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121788

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
K310571		2.5	38	1.6	19.7	35	38.0	
K310572		2.7	69	3.1	22.2	60	66.3	
K310573		2.2	22	0.8	14.6	20	24.3	
K310574		5.8	81	7.2	17.9	47	69.5	
K310575		2.6	25	1.6	13.0	22	24.7	
K310576		1.9	17	1.9	9.7	21	15.9	
K310577		1.1	8	0.3	5.8	5	6.7	
K310578		1.1	8	0.3	5.5	6	6.4	
K310579		2.4	23	0.4	13.6	22	22.8	
K310580		1.8	15	0.7	11.1	11	15.2	
K310581		1.5	8	0.4	9.8	6	10.3	
K310582		1.4	8	0.3	9.5	6	9.7	
K310583		1.5	8	0.4	9.1	9	10.6	
K310584		2.4	19	0.9	13.7	12	22.1	
K310585		2.0	12	0.4	12.9	7	13.4	
K310586		2.4	20	0.9	13.7	17	22.6	
K310587		2.0	17	1.3	12.7	11	18.7	
K310588		2.3	22	1.3	14.5	17	25.0	
K310589		2.7	36	2.6	17.7	25	38.0	
K310590		1.8	14	1.0	11.0	5	13.0	
K310591		3.3	24	2.4	14.4	15	38.4	
K310592		1.5	12	1.8	10.9	15	12.7	
K310593		1.0	7	1.3	18.9	33	8.0	3.17
K310594		2.8	53	7.5	18.7	42	48.4	1.965
K310595		0.5	1	0.1	0.7	16	0.5	
K310596		0.5	5	1.0	19.0	3	4.0	
K310597		0.3	2	0.4	9.6	<2	1.7	
K310598		3.8	62	7.8	22.4	133	65.9	3.31
K310599		0.2	2	0.2	8.6	<2	0.5	
K310600		1.8	15	1.7	12.9	10	12.9	1.160
K310601		3.8	99	10.8	24.9	71	74.7	
K310602		2.9	127	10.2	24.0	73	87.8	
K310603		0.5	1	0.1	0.8	14	0.6	
K310604		4.2	144	7.7	27.0	83	100.0	
K310605		4.0	146	8.2	27.5	80	100.0	
K310606		3.3	172	9.7	24.3	97	109.5	

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14121788

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- AUG- 2014
Account: RCM

CERTIFICATE WH14120949

Project: NADALEEN

P.O. No.: 14- 022

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

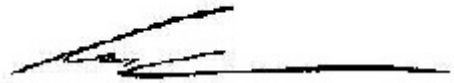
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 19- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120949

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310607		7.38	0.18	0.17	4.16	511	260	0.74	0.17	14.35	0.32	48.8	15.8	57	11.30	62.6
K310608		7.56	0.09	0.07	2.33	375	220	0.48	0.11	24.6	0.13	30.0	7.3	27	5.61	27.8
K310609		3.59	0.38	0.02	0.32	143.0	80	0.11	0.02	28.4	0.03	8.83	1.1	3	0.73	5.6
K310610		6.30	1.19	0.35	2.50	>10000	220	0.50	0.13	21.6	0.20	33.9	7.5	28	6.36	31.0
K310611		5.17	<0.01	0.05	0.04	28.8	40	0.05	0.02	19.75	0.05	1.03	0.5	<1	0.12	2.3
K310612		6.37	0.02	0.04	0.67	147.0	80	0.24	0.04	32.1	0.06	13.45	2.3	7	1.58	8.0
K310613		8.18	<0.01	0.01	0.56	86.5	100	0.21	0.03	33.3	0.05	12.25	2.0	6	1.32	6.5
K310614		8.07	<0.01	0.01	0.45	31.7	80	0.19	0.02	32.6	0.04	9.76	1.6	5	1.12	5.4
K310615		7.92	<0.01	0.01	0.46	45.2	90	0.19	0.02	32.5	0.05	9.67	1.6	5	1.30	5.8
K310616		0.27	0.49	0.10	3.65	2570	200	0.81	0.13	18.15	0.12	38.4	10.4	41	10.60	42.4
K310617		7.77	<0.01	0.02	1.43	70.3	110	0.39	0.07	28.0	0.07	22.0	4.2	14	4.04	13.8
K310618		7.70	<0.01	0.03	1.50	55.4	160	0.45	0.07	29.0	0.10	22.3	4.7	16	4.70	15.9
K310619		7.83	<0.01	0.05	3.35	113.0	190	0.81	0.16	20.6	0.22	44.1	9.8	32	10.35	32.7
K310620		8.20	<0.01	0.02	0.89	25.3	120	0.30	0.04	32.3	0.12	12.55	3.0	9	3.04	9.8
K310621		8.02	<0.01	0.03	1.77	23.3	150	0.58	0.09	27.2	0.20	31.0	5.6	19	6.48	19.1
K310622		8.19	<0.01	0.01	0.22	4.3	2840	0.14	0.01	34.8	0.03	4.25	0.9	2	0.46	2.6
K310623		3.72	<0.01	0.01	0.24	4.1	5070	0.18	0.01	34.1	0.04	4.76	1.0	3	0.52	3.0
K310624		8.38	<0.01	0.02	0.80	12.1	110	0.31	0.04	31.5	0.10	14.55	2.8	8	2.33	9.4
K310625		8.17	0.01	0.02	1.03	13.9	140	0.34	0.05	31.7	0.10	16.60	3.5	10	2.65	11.5
K310626		8.53	<0.01	0.03	1.76	27.1	170	0.54	0.08	27.9	0.16	27.9	5.6	18	5.67	20.0
K310627		<0.02	<0.01	0.03	1.78	27.5	170	0.57	0.08	27.5	0.18	28.6	5.7	19	5.73	21.0
K310628		8.26	<0.01	0.01	0.61	8.7	150	0.28	0.03	34.0	0.07	10.90	2.1	6	2.15	7.2
K310629		7.86	<0.01	0.02	1.08	13.0	140	0.35	0.05	31.2	0.12	15.35	3.7	11	3.44	11.1
K310630		8.79	<0.01	0.03	1.86	32.5	190	0.54	0.09	27.6	0.18	29.3	6.0	19	7.14	20.5
K310631		8.78	<0.01	0.02	1.09	20.6	130	0.35	0.05	31.4	0.11	17.10	3.6	11	4.20	12.6
K310632		0.28	2.56	0.18	3.80	6190	200	0.87	0.13	11.25	0.14	41.0	11.1	44	11.00	36.7
K310633		7.99	<0.01	0.01	0.60	16.6	80	0.21	0.02	32.6	0.06	10.65	2.1	7	1.83	6.8
K310634		8.36	<0.01	0.01	0.72	26.6	120	0.19	0.03	34.4	0.10	12.75	2.3	7	1.94	7.3
K310635		8.23	<0.01	0.02	1.87	26.7	260	0.47	0.09	28.2	0.04	25.0	5.6	18	5.86	16.7
K310636		8.33	<0.01	0.01	0.71	9.7	100	0.20	0.03	32.5	0.03	11.30	2.4	7	2.63	7.0
K310637		4.97	<0.01	<0.01	0.04	0.3	20	<0.05	<0.01	20.3	0.06	0.95	0.6	<1	0.13	1.6
K310638		8.36	<0.01	0.01	0.61	11.5	100	0.21	0.03	33.4	0.08	10.05	2.1	6	1.64	5.9
K310639		8.16	<0.01	0.01	1.35	15.7	120	0.36	0.07	29.6	0.04	18.30	4.4	13	4.31	12.9
K310640		8.25	<0.01	0.01	1.01	8.2	120	0.30	0.04	29.9	0.03	15.90	3.4	9	3.19	9.1
K310641		8.08	<0.01	0.03	1.54	9.9	100	0.34	0.07	27.7	0.05	20.4	5.0	14	5.53	13.3
K310642		8.77	<0.01	0.01	1.05	8.3	110	0.33	0.05	30.6	0.05	14.65	3.5	9	3.10	10.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120949

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310607		3.23	10.35	0.13	1.9	3.56	0.044	1.84	23.1	7.3	1.12	852	2.07	0.02	5.7	29.8
K310608		1.99	5.57	0.10	1.2	2.84	0.025	0.98	14.3	4.6	1.07	587	1.45	0.01	3.3	14.7
K310609		0.94	0.84	0.08	0.1	0.59	0.011	0.13	3.6	1.0	3.30	1040	0.22	0.01	0.4	2.0
K310610		1.81	6.23	0.13	1.3	4.56	0.036	1.02	16.2	6.4	1.10	1240	1.75	0.01	3.6	15.6
K310611		0.45	0.13	0.11	<0.1	<0.01	<0.005	0.02	0.5	0.8	12.60	200	0.08	<0.01	0.1	1.5
K310612		0.51	1.81	0.10	0.4	1.47	0.008	0.29	6.4	2.0	0.53	539	0.34	0.01	0.9	3.9
K310613		0.47	1.44	0.11	0.3	1.11	0.007	0.26	5.7	1.6	0.47	327	0.28	0.01	0.8	3.1
K310614		0.38	1.18	0.10	0.2	0.33	0.006	0.21	4.5	1.6	0.60	196	0.23	0.01	0.6	2.4
K310615		0.39	1.20	0.09	0.2	0.54	0.006	0.20	4.4	1.6	0.42	154	0.21	0.01	0.7	2.9
K310616		2.96	8.90	0.11	1.8	3.56	0.036	1.69	19.5	8.6	1.40	1160	1.52	0.02	5.9	23.3
K310617		1.14	3.57	0.11	0.7	1.23	0.015	0.67	11.4	4.3	1.99	329	0.54	0.01	2.0	7.5
K310618		1.11	3.69	0.10	0.7	0.59	0.016	0.66	11.5	5.0	0.93	437	0.85	0.01	2.1	8.5
K310619		2.25	7.92	0.13	1.6	1.54	0.035	1.53	23.5	9.2	1.64	609	1.26	0.02	4.6	18.1
K310620		0.68	2.10	0.09	0.4	0.32	0.010	0.41	5.9	2.8	0.54	264	0.69	0.01	1.2	4.8
K310621		1.23	4.42	0.12	0.9	0.22	0.020	0.81	15.3	5.4	0.96	329	1.37	0.02	2.5	10.4
K310622		0.42	0.57	0.08	0.1	0.02	<0.005	0.10	1.9	0.8	0.62	271	0.17	0.02	0.3	1.2
K310623		0.43	0.62	0.08	0.1	0.02	<0.005	0.11	2.1	1.0	0.64	272	0.18	0.02	0.3	1.4
K310624		0.76	1.95	0.11	0.4	0.07	0.008	0.37	6.5	3.1	0.79	310	0.68	0.01	1.1	4.9
K310625		0.79	2.65	0.10	0.5	0.10	0.010	0.48	8.6	3.2	0.66	447	0.59	0.01	1.4	5.7
K310626		1.21	4.44	0.11	0.9	0.20	0.020	0.82	14.2	5.3	0.99	191	1.08	0.01	2.5	10.8
K310627		1.22	4.44	0.12	0.8	0.21	0.020	0.84	14.5	5.4	0.99	192	1.12	0.01	2.5	10.9
K310628		0.61	1.52	0.10	0.3	0.06	0.007	0.29	5.0	2.5	0.64	237	0.45	0.01	0.9	3.5
K310629		0.79	2.72	0.10	0.5	0.10	0.010	0.52	7.0	3.6	0.78	212	0.48	0.01	1.5	6.0
K310630		1.35	4.57	0.12	0.9	0.19	0.019	0.86	14.5	5.9	0.85	421	1.20	0.02	2.6	10.7
K310631		0.91	2.70	0.10	0.6	0.11	0.013	0.50	7.9	3.4	0.69	366	0.70	0.01	1.5	6.4
K310632		2.82	9.49	0.12	2.0	15.4	0.032	1.77	21.6	11.3	2.56	1140	1.75	0.02	5.7	24.7
K310633		0.59	1.52	0.09	0.3	0.06	0.007	0.28	4.7	2.2	0.59	388	0.44	0.01	0.8	3.7
K310634		0.65	1.81	0.09	0.3	0.11	0.009	0.33	6.1	2.1	0.86	291	0.33	0.01	1.0	3.9
K310635		1.25	4.66	0.10	0.9	0.36	0.020	0.90	14.2	5.6	0.76	255	0.62	0.01	2.5	9.5
K310636		0.49	1.77	0.10	0.4	0.13	0.008	0.34	5.5	2.7	0.44	160	0.11	0.01	1.1	3.6
K310637		0.47	0.13	0.10	<0.1	<0.01	<0.005	0.02	0.5	0.9	12.75	202	0.07	<0.01	0.1	1.4
K310638		0.43	1.55	0.11	0.3	0.12	0.008	0.29	4.9	2.3	0.35	136	0.08	0.01	0.8	3.0
K310639		0.98	3.42	0.11	0.7	0.21	0.017	0.65	10.3	4.7	0.58	213	0.48	0.01	1.9	6.9
K310640		0.95	2.50	0.10	0.5	0.15	0.010	0.48	9.9	4.1	0.88	207	1.13	0.02	1.4	4.9
K310641		1.16	3.84	0.10	0.8	0.19	0.018	0.75	12.2	6.3	1.11	231	1.31	0.01	2.0	7.8
K310642		0.80	2.64	0.09	0.6	0.16	0.011	0.52	8.4	3.8	0.86	202	0.70	0.01	1.4	5.2

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120949

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310607		750	12.8	83.6	0.010	2.79	5.88	13.4	2	1.2	966	0.42	0.05	5.7	0.329	11.20
K310608		950	7.7	43.9	0.005	1.62	2.75	6.1	2	0.7	1450	0.24	<0.05	3.5	0.165	7.60
K310609		160	2.8	5.8	<0.002	0.29	1.48	1.1	1	<0.2	742	<0.05	<0.05	0.5	0.018	1.61
K310610		730	12.4	47.6	0.007	3.12	104.5	6.5	4	0.8	1040	0.27	0.11	4.1	0.156	10.80
K310611		160	1.6	0.8	<0.002	0.01	0.40	0.2	1	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	0.02
K310612		160	3.2	13.9	<0.002	0.48	2.72	1.9	1	0.2	1410	0.07	<0.05	1.2	0.037	2.82
K310613		170	3.6	10.6	<0.002	0.38	1.26	1.6	1	0.2	1550	0.05	<0.05	1.0	0.033	2.11
K310614		390	2.4	8.6	<0.002	0.30	0.25	1.4	1	<0.2	1520	<0.05	<0.05	0.8	0.026	1.10
K310615		380	2.9	8.4	<0.002	0.33	0.32	1.3	1	0.2	1490	0.05	<0.05	0.8	0.028	1.33
K310616		380	8.6	76.9	0.002	2.54	8.93	8.6	2	1.3	695	0.41	0.06	5.6	0.269	9.94
K310617		130	6.2	28.5	0.003	0.96	0.66	3.5	2	0.4	1200	0.15	<0.05	2.4	0.082	2.44
K310618		420	5.1	28.4	0.002	0.91	0.77	3.9	1	0.5	1640	0.15	<0.05	2.5	0.090	1.78
K310619		400	10.3	65.5	0.006	1.70	0.78	8.1	2	1.0	1190	0.34	0.06	5.4	0.200	2.48
K310620		2000	2.9	17.4	0.002	0.48	0.39	2.2	1	0.3	2030	0.09	<0.05	1.4	0.056	0.61
K310621		2830	6.2	35.9	0.005	1.00	0.31	4.8	2	0.6	1770	0.18	<0.05	3.1	0.105	0.94
K310622		200	1.0	4.0	<0.002	0.24	0.06	0.6	1	<0.2	2120	<0.05	<0.05	0.4	0.012	0.07
K310623		190	1.0	4.6	<0.002	0.29	0.06	0.7	1	<0.2	2090	<0.05	<0.05	0.4	0.013	0.08
K310624		1050	3.0	16.2	0.003	0.50	0.17	2.2	1	0.3	1830	0.08	<0.05	1.4	0.047	0.33
K310625		180	3.4	20.8	0.002	0.54	0.20	2.6	1	0.3	1820	0.10	<0.05	1.8	0.058	0.27
K310626		330	6.1	36.1	0.005	0.98	0.36	4.8	2	0.5	1760	0.18	<0.05	3.1	0.105	0.46
K310627		330	6.0	36.3	0.004	0.99	0.36	4.8	2	0.6	1730	0.19	0.05	3.0	0.105	0.45
K310628		230	2.2	11.9	0.002	0.38	0.14	1.6	1	0.2	2260	0.06	<0.05	1.1	0.038	0.14
K310629		150	3.5	22.2	0.002	0.56	0.24	2.3	1	0.3	1940	0.10	<0.05	1.8	0.063	0.22
K310630		1330	6.3	37.3	0.005	1.12	0.50	4.9	1	0.6	1940	0.19	<0.05	3.2	0.112	0.42
K310631		420	3.8	21.2	0.003	0.68	0.35	2.8	1	0.3	1710	0.11	<0.05	1.8	0.064	0.28
K310632		430	10.6	81.6	0.002	2.55	22.2	9.8	1	1.5	305	0.42	<0.05	6.1	0.265	44.4
K310633		170	2.6	11.4	0.002	0.38	0.22	1.5	1	0.2	1510	0.06	<0.05	1.0	0.034	0.17
K310634		430	4.2	13.5	<0.002	0.50	0.22	1.8	1	0.2	1510	0.07	<0.05	1.3	0.042	0.18
K310635		180	6.2	38.2	0.002	1.19	0.40	4.2	1	0.6	1300	0.19	<0.05	3.1	0.105	0.61
K310636		160	2.9	14.4	<0.002	0.47	0.16	1.7	1	0.2	1380	0.07	<0.05	1.2	0.042	0.23
K310637		170	1.0	0.8	<0.002	0.01	<0.05	0.1	<1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02
K310638		140	2.2	11.9	<0.002	0.42	0.14	1.5	1	0.2	1400	0.06	<0.05	1.0	0.036	0.20
K310639		170	4.7	27.5	0.002	0.96	0.22	3.3	1	0.4	1310	0.13	<0.05	2.3	0.083	0.35
K310640		120	3.4	21.0	0.003	0.80	0.15	2.8	1	0.3	1370	0.10	<0.05	1.7	0.058	0.23
K310641		120	5.0	32.3	0.004	1.06	0.18	3.8	1	0.5	1150	0.15	<0.05	2.3	0.086	0.32
K310642		130	3.6	22.5	0.002	0.69	0.15	2.6	1	0.3	1380	0.10	<0.05	1.7	0.059	0.25

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Finalized Date: 19- AUG- 2014
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CERTIFICATE OF ANALYSIS WH14120949

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K310607		3.3	105	4.7	23.5	60	70.3	
K310608		2.6	52	2.6	18.2	22	44.2	
K310609		0.5	7	0.5	8.7	3	5.3	
K310610		3.2	52	3.3	19.2	26	46.1	3.40
K310611		0.5	2	0.1	0.7	13	<0.5	
K310612		2.3	12	0.8	13.0	6	11.0	
K310613		1.9	10	0.5	12.2	8	9.8	
K310614		2.0	8	0.4	11.1	3	8.3	
K310615		1.9	8	0.4	10.3	7	9.2	
K310616		2.4	74	5.1	16.4	46	65.5	
K310617		2.1	25	0.9	14.2	10	25.7	
K310618		2.3	29	0.7	15.4	18	27.3	
K310619		2.8	60	1.7	23.4	49	54.6	
K310620		2.0	17	0.3	9.2	13	20.7	
K310621		4.3	34	0.4	23.3	24	42.7	
K310622		1.4	5	0.1	4.8	<2	4.9	
K310623		1.4	5	0.1	5.1	2	5.2	
K310624		2.4	15	0.3	11.1	11	18.7	
K310625		2.1	19	0.3	12.0	13	35.4	
K310626		3.0	33	0.4	19.6	24	30.5	
K310627		2.9	33	0.4	19.8	26	30.7	
K310628		1.8	12	0.2	9.6	7	12.3	
K310629		2.3	19	0.3	10.7	11	19.4	
K310630		4.2	35	0.4	23.2	27	37.8	
K310631		2.5	21	0.3	12.4	13	21.5	
K310632		6.6	84	7.4	18.4	46	77.0	
K310633		1.6	12	0.2	9.3	6	11.1	
K310634		1.9	13	0.3	11.9	14	14.4	
K310635		2.4	30	0.4	14.2	15	31.2	
K310636		2.1	11	0.3	8.1	10	12.2	
K310637		0.5	2	0.1	0.7	13	0.5	
K310638		1.8	10	0.2	7.9	38	10.0	
K310639		2.3	22	0.3	11.8	18	25.1	
K310640		1.5	18	0.2	11.6	10	18.5	
K310641		1.8	26	0.3	11.5	26	25.9	
K310642		1.9	17	0.2	10.3	21	19.8	

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CERTIFICATE OF ANALYSIS WH14120949

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2014
Account: RCM

CERTIFICATE WH14123923

Project: NADALEEN

P.O. No.: BATCH 14- 023

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

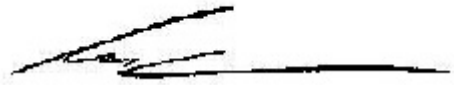
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29- AUG- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123923

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310643		8.37	0.01	0.01	0.71	10.4	120	0.30	0.05	32.9	<0.02	11.50	2.7	7	1.95	10.1
K310644		8.40	0.01	0.01	1.07	15.6	140	0.36	0.06	31.6	0.02	15.75	3.5	11	2.74	11.2
K310645		9.20	0.01	0.08	3.69	21.9	150	0.89	0.15	1.55	0.11	40.2	10.8	55	16.75	35.8
K310646		6.58	0.01	0.11	5.62	58.1	320	1.54	0.24	1.51	0.19	58.5	18.2	71	29.6	55.5
K310647		11.54	0.03	0.06	6.51	726	400	1.57	0.28	2.16	0.24	65.2	17.1	71	27.6	59.6
K310648		5.22	0.01	0.04	4.37	135.0	330	0.91	0.16	2.48	0.14	43.6	12.2	56	18.65	38.9
K310649		7.84	0.01	0.05	3.76	31.5	160	0.76	0.14	2.25	0.16	38.8	10.7	52	16.25	33.3
K310650		7.11	<0.01	0.01	0.06	<0.2	40	0.06	0.03	20.4	0.07	1.27	0.7	1	0.25	3.6
K310651		8.62	<0.01	0.06	4.45	35.2	150	1.06	0.17	1.58	0.16	45.6	13.8	63	25.0	40.2
K310652		5.13	<0.01	0.08	4.90	48.3	240	1.11	0.20	1.69	0.20	49.7	14.8	63	24.4	44.5
K310653		11.33	<0.01	0.06	4.64	68.8	310	1.08	0.18	3.53	0.11	48.7	12.8	59	21.1	40.3
K310654		0.27	0.49	0.10	3.56	2560	200	0.93	0.14	17.90	0.12	39.9	11.0	43	10.45	42.6
K310655		11.99	<0.01	0.07	4.45	57.1	260	1.04	0.19	2.25	0.09	47.5	12.1	51	18.00	35.9
K310656		11.35	<0.01	0.06	6.26	95.8	230	1.64	0.27	3.30	0.23	66.2	19.8	67	29.3	57.4
K310657		11.76	<0.01	0.06	6.30	302	230	1.51	0.26	3.75	0.17	66.8	17.7	66	28.9	52.2
K310658		13.70	0.22	0.06	6.11	3280	330	1.26	0.24	3.68	0.17	63.2	18.7	67	24.1	48.8
K310659		6.29	0.49	0.05	5.01	3080	330	1.08	0.20	4.49	0.13	51.6	15.2	62	19.25	50.2
K310660		4.10	0.19	0.06	5.18	7330	270	1.19	0.25	3.59	0.11	55.5	15.7	62	19.55	48.2
K310661		7.13	<0.01	0.02	0.05	6.1	20	0.07	0.16	20.7	0.08	1.28	0.7	1	0.29	6.8
K310662		9.31	0.01	0.05	6.98	457	350	1.79	0.31	2.49	0.11	74.2	20.7	72	29.7	60.8
K310663		12.91	<0.01	0.07	7.20	105.0	390	1.91	0.33	2.49	0.17	77.9	20.9	77	31.8	67.6
K310664		6.56	<0.01	0.15	8.10	255	350	2.69	0.35	1.87	0.14	82.0	28.0	90	33.5	68.8
K310665		9.55	0.17	0.06	2.55	8160	220	0.51	0.10	1.66	0.12	28.7	10.3	45	6.50	29.5
K310666		8.89	0.12	0.09	6.54	635	310	1.82	0.26	2.17	0.17	62.6	24.7	78	24.0	61.0
K310667		<0.02	0.12	0.08	6.77	637	310	1.86	0.26	2.24	0.17	64.8	24.6	80	24.6	61.7
K310668		12.69	<0.01	0.05	6.42	127.5	270	1.91	0.26	2.62	0.13	62.8	17.6	73	26.1	56.6
K310669		12.41	0.17	0.04	3.95	3170	210	0.98	0.14	1.55	0.10	39.2	15.0	58	13.85	37.5
K310670		7.54	0.36	0.05	3.28	3770	240	0.64	0.11	1.17	0.08	32.1	14.1	57	9.33	32.0
K310671		7.35	0.08	0.06	3.17	499	200	0.77	0.12	3.83	0.11	35.5	11.7	49	11.40	26.5
K310672		0.26	2.61	0.18	3.86	6310	210	0.97	0.14	12.05	0.16	41.4	12.2	46	10.75	35.9
K310673		7.64	0.04	0.07	6.06	351	370	1.63	0.25	2.79	0.44	60.4	20.8	67	23.6	52.2
K310674		10.36	<0.01	0.04	6.67	1180	290	1.86	0.28	2.57	0.02	68.6	16.1	66	26.1	52.1
K310675		10.23	<0.01	0.05	8.16	101.5	270	2.47	0.35	1.42	0.03	80.7	22.7	75	44.1	61.6
K310676		11.41	<0.01	0.05	6.35	29.2	230	1.66	0.25	2.69	0.09	63.1	18.9	72	27.5	52.5
K310677		10.72	0.01	0.05	6.53	23.4	230	1.67	0.26	2.67	0.02	64.4	21.6	75	25.4	55.6
K310678		5.17	<0.01	0.05	6.67	24.3	230	1.66	0.26	2.85	0.02	65.5	22.3	76	25.5	56.3

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Finalized Date: 29- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123923

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310643		0.54	2.04	0.28	0.4	0.18	0.014	0.36	6.2	3.2	0.51	164	0.21	0.01	1.2	3.7
K310644		0.80	2.79	0.18	0.5	0.20	0.018	0.54	8.5	3.8	0.53	168	0.21	0.01	1.5	5.2
K310645		3.35	9.67	0.17	2.1	0.31	0.048	1.60	19.8	63.4	1.11	338	0.50	0.02	6.0	23.0
K310646		4.12	15.25	0.16	2.9	1.09	0.071	2.57	28.6	59.1	1.22	308	0.65	0.02	9.2	37.2
K310647		4.38	17.05	0.16	3.3	0.97	0.076	3.06	31.8	32.5	1.27	400	0.58	0.03	11.0	33.4
K310648		3.73	11.05	0.12	2.2	0.80	0.048	1.99	21.4	35.6	1.14	465	0.57	0.02	7.1	24.1
K310649		3.38	9.29	0.10	1.9	0.35	0.046	1.65	18.6	36.3	1.21	423	0.70	0.02	5.9	21.3
K310650		0.48	0.26	0.15	<0.1	<0.01	0.011	0.03	0.6	0.6	12.60	206	0.09	<0.01	0.2	1.4
K310651		3.68	11.50	0.11	2.3	0.29	0.056	1.93	22.2	54.8	1.20	375	0.58	0.02	7.1	26.9
K310652		3.94	12.55	0.11	2.5	0.63	0.061	2.27	24.2	47.4	1.37	362	0.84	0.02	7.8	32.0
K310653		4.29	12.00	0.10	2.4	0.64	0.057	2.16	23.1	34.8	1.73	772	0.89	0.02	7.6	25.4
K310654		3.00	9.51	0.23	1.8	3.91	0.043	1.73	19.6	8.0	1.41	1160	1.65	0.02	6.2	23.8
K310655		3.33	11.20	0.10	2.3	0.74	0.055	2.03	23.1	29.2	1.12	466	0.50	0.02	7.2	22.9
K310656		4.69	17.40	0.13	3.4	2.50	0.084	3.03	31.4	24.4	1.73	541	0.45	0.03	10.6	38.1
K310657		4.26	16.90	0.12	3.2	2.89	0.076	3.07	31.7	15.6	1.97	546	0.54	0.03	10.7	32.8
K310658		5.09	16.50	0.12	3.3	3.60	0.069	3.04	30.7	11.4	2.00	992	0.50	0.03	10.5	35.7
K310659		4.16	13.35	0.11	2.8	5.23	0.059	2.51	25.2	9.0	2.37	2390	0.56	0.03	8.6	28.3
K310660		4.58	14.30	0.12	2.8	6.36	0.064	2.49	26.9	14.3	1.89	1080	0.42	0.03	9.0	28.3
K310661		0.49	0.24	0.14	<0.1	0.01	0.011	0.03	0.6	0.6	12.95	213	0.09	<0.01	0.1	1.5
K310662		5.19	18.65	0.12	3.5	1.26	0.089	3.39	35.9	26.1	1.49	524	0.44	0.03	12.1	36.7
K310663		4.88	20.0	0.13	3.9	1.65	0.083	3.39	37.4	38.7	1.57	533	0.60	0.03	12.8	39.7
K310664		5.76	22.5	0.15	4.2	4.26	0.093	3.93	39.7	26.2	1.33	355	0.80	0.04	13.6	55.9
K310665		3.25	6.85	0.08	1.7	5.71	0.031	1.09	14.0	21.4	0.73	467	0.35	0.01	4.5	18.6
K310666		5.37	17.90	0.15	3.3	3.51	0.073	3.11	30.2	29.7	1.31	480	0.58	0.03	10.3	49.6
K310667		5.38	18.25	0.14	3.4	3.40	0.078	3.24	31.1	30.6	1.35	485	0.54	0.03	10.6	49.3
K310668		4.80	17.15	0.13	3.3	1.33	0.074	2.96	29.7	43.5	1.49	499	0.46	0.03	10.4	35.0
K310669		3.90	10.50	0.11	2.3	3.33	0.046	1.75	19.0	21.5	0.85	538	0.43	0.01	6.5	27.6
K310670		3.40	8.55	0.08	2.0	3.19	0.032	1.44	15.7	12.3	0.67	732	0.43	0.01	5.5	26.2
K310671		3.69	8.37	0.08	1.9	1.46	0.034	1.38	16.4	19.7	1.69	1200	0.37	0.02	5.3	22.6
K310672		2.91	10.35	0.10	2.2	15.8	0.037	1.83	21.2	12.3	2.58	1160	1.86	0.02	5.9	26.4
K310673		4.32	16.15	0.13	3.2	1.31	0.064	2.79	28.9	18.1	1.55	740	0.98	0.02	10.2	34.0
K310674		4.89	17.90	0.14	3.4	1.12	0.075	3.12	32.6	18.8	1.56	630	0.40	0.03	11.5	33.4
K310675		5.81	21.4	0.15	4.0	0.43	0.084	3.82	40.3	34.5	1.71	441	0.34	0.04	14.2	40.0
K310676		4.97	16.55	0.13	3.2	0.21	0.068	2.44	30.3	60.2	2.45	700	0.38	0.03	10.5	35.8
K310677		5.10	17.00	0.13	3.3	0.21	0.070	2.41	31.3	66.5	2.44	710	0.38	0.03	11.0	37.2
K310678		5.36	17.30	0.13	3.3	0.20	0.073	2.49	31.2	69.0	2.58	767	0.40	0.03	11.4	37.6

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123923

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310643		140	3.5	15.0	<0.002	0.45	0.26	2.1	1	0.3	1765	0.08	<0.05	1.3	0.041	0.25
K310644		160	4.5	20.3	0.002	0.76	0.26	2.9	1	0.4	1860	0.11	<0.05	1.8	0.060	0.59
K310645		340	11.0	74.3	0.002	0.91	0.39	10.6	1	1.3	74.3	0.44	0.06	5.8	0.341	1.23
K310646		490	26.2	118.5	0.002	2.52	0.73	16.7	2	1.9	99.1	0.67	<0.05	8.7	0.466	3.33
K310647		510	20.4	133.5	0.003	3.79	1.51	18.2	1	2.1	172.0	0.79	0.06	10.1	0.525	3.28
K310648		280	20.7	87.6	<0.002	2.86	0.90	11.7	1	1.3	143.5	0.51	<0.05	6.3	0.367	2.53
K310649		280	14.1	72.6	<0.002	1.11	0.45	10.2	1	1.1	87.0	0.43	<0.05	5.4	0.312	1.83
K310650		170	1.5	1.4	<0.002	0.01	0.09	0.2	<1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02
K310651		300	15.9	88.7	0.002	0.73	0.45	12.0	1	1.3	68.8	0.52	0.05	6.6	0.372	1.16
K310652		350	18.6	99.1	0.003	1.21	0.49	13.3	1	1.5	88.2	0.57	<0.05	7.4	0.387	2.13
K310653		370	18.1	93.9	0.002	2.17	0.47	12.7	1	1.5	150.0	0.56	<0.05	7.5	0.377	2.70
K310654		380	9.8	75.3	0.002	2.49	9.70	9.0	1	1.5	721	0.45	0.07	5.7	0.258	10.75
K310655		340	18.5	86.1	<0.002	2.15	0.49	10.8	1	1.6	113.5	0.54	<0.05	7.2	0.346	2.51
K310656		510	21.5	133.5	<0.002	3.68	0.71	17.4	1	2.3	141.5	0.77	0.05	10.0	0.487	5.62
K310657		550	16.4	131.0	0.002	3.14	2.56	17.7	1	2.2	170.0	0.78	0.06	9.8	0.492	5.56
K310658		530	18.6	128.0	0.002	4.22	7.90	17.9	1	2.0	194.0	0.77	0.05	9.6	0.481	7.73
K310659		420	12.6	104.0	0.002	3.23	9.28	15.6	1	1.8	190.0	0.62	<0.05	7.5	0.430	14.20
K310660		440	15.5	109.0	<0.002	3.69	12.70	16.7	1	1.9	175.5	0.67	<0.05	8.3	0.449	13.40
K310661		190	1.6	1.5	<0.002	0.01	0.11	0.2	<1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	0.03
K310662		720	17.2	148.5	<0.002	4.71	1.40	19.3	1	2.5	205	0.88	0.06	11.4	0.565	3.68
K310663		790	22.9	154.5	0.002	3.97	0.64	20.7	1	2.9	216	0.94	0.07	12.0	0.576	5.42
K310664		560	48.2	178.5	0.003	5.59	1.36	23.9	2	2.8	169.5	0.97	0.07	12.9	0.614	7.54
K310665		260	10.5	46.7	<0.002	2.18	8.99	6.4	1	1.4	169.5	0.32	<0.05	3.8	0.288	10.75
K310666		660	33.2	140.0	0.002	5.24	2.90	19.8	2	2.3	172.0	0.76	0.07	9.4	0.537	7.91
K310667		680	32.5	142.0	0.002	5.20	2.98	20.0	2	2.3	174.5	0.78	0.05	9.6	0.559	7.79
K310668		550	14.6	135.0	<0.002	4.33	0.58	18.8	2	2.1	179.5	0.75	<0.05	9.3	0.537	3.64
K310669		310	9.0	80.1	<0.002	3.71	3.73	10.9	1	1.4	107.0	0.48	<0.05	5.6	0.422	10.20
K310670		230	12.6	63.6	<0.002	3.25	4.67	9.7	1	1.1	96.3	0.39	<0.05	4.6	0.404	10.60
K310671		240	19.2	62.7	<0.002	2.47	2.19	9.5	1	1.0	139.0	0.38	0.05	4.6	0.332	5.01
K310672		440	10.8	83.1	0.002	2.62	22.8	10.5	2	1.6	323	0.44	0.06	6.0	0.271	43.6
K310673		530	16.7	132.0	<0.002	3.80	1.95	17.8	1	2.0	232	0.76	<0.05	9.1	0.515	4.36
K310674		560	11.7	150.5	<0.002	4.65	0.88	18.9	2	2.2	187.0	0.82	0.05	10.3	0.535	5.16
K310675		630	19.5	203	<0.002	3.11	0.67	22.5	2	2.6	90.0	1.02	0.07	12.7	0.600	2.88
K310676		540	17.2	132.0	<0.002	0.84	0.52	18.2	1	2.0	107.0	0.77	0.08	9.3	0.528	1.23
K310677		480	16.0	134.0	<0.002	0.86	0.61	18.8	2	2.0	112.5	0.78	0.07	9.5	0.543	1.18
K310678		490	16.2	136.0	<0.002	0.89	0.61	19.3	1	2.1	120.5	0.79	0.08	9.7	0.548	1.21

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123923

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
K310643		1.9	12	0.2	8.6	3	13.4
K310644		2.0	17	0.3	11.0	12	17.6
K310645		1.3	106	0.8	12.5	61	65.6
K310646		2.0	136	1.1	19.2	90	98.0
K310647		2.1	146	3.2	20.5	162	110.5
K310648		1.4	104	2.6	13.9	88	75.0
K310649		1.3	89	0.9	13.0	104	63.9
K310650		0.6	3	0.1	0.8	17	0.5
K310651		1.5	111	1.0	13.6	92	77.7
K310652		1.7	114	0.9	15.5	115	82.8
K310653		1.7	108	1.1	16.6	66	82.3
K310654		2.5	74	5.4	16.1	46	62.5
K310655		1.6	98	1.0	14.2	63	77.4
K310656		2.1	140	1.8	22.2	189	110.5
K310657		2.2	138	6.3	21.8	125	109.5
K310658		2.1	137	10.7	20.3	97	105.0
K310659		1.7	123	8.0	16.3	76	88.8
K310660		1.7	124	8.0	18.3	83	91.0
K310661		0.5	2	0.1	0.8	16	0.5
K310662		2.4	154	2.8	25.2	94	120.5
K310663		2.5	164	1.5	26.4	144	129.0
K310664		2.8	186	5.5	25.6	93	147.5
K310665		0.9	78	5.6	10.2	60	56.3
K310666		2.1	162	5.8	24.5	87	114.5
K310667		2.2	164	5.9	24.4	90	121.0
K310668		2.0	149	2.0	21.8	92	118.5
K310669		1.2	122	4.5	13.3	72	77.6
K310670		1.0	121	4.4	10.0	55	67.4
K310671		1.0	98	3.0	11.4	68	61.3
K310672		6.6	86	7.6	19.0	48	72.3
K310673		2.0	137	6.4	20.8	196	107.5
K310674		2.2	141	6.5	24.0	70	117.0
K310675		2.6	156	2.2	28.7	79	140.0
K310676		2.0	141	1.4	21.9	82	109.0
K310677		2.1	143	1.5	22.2	58	124.5
K310678		2.1	149	1.6	22.9	60	115.5

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14123923

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2014
Account: RCM

CERTIFICATE WH14125428

Project: NADALEEN

P.O. No.: BATCH 14- 024

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers

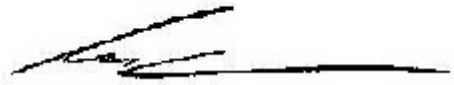
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 29- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125428

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310679		11.14	0.01	0.06	5.97	30.9	270	1.69	0.23	2.56	0.10	62.4	19.4	71	23.9	59.0
K310680		5.27	<0.01	0.09	6.08	28.0	270	1.71	0.25	2.46	0.14	63.5	24.0	72	23.9	59.8
K310681		11.74	<0.01	0.05	5.33	25.6	290	1.41	0.21	2.58	0.08	54.6	17.5	66	21.9	52.2
K310682		10.45	<0.01	0.05	5.62	17.2	220	1.41	0.23	2.40	0.12	57.7	19.4	71	24.1	55.8
K310683		10.96	<0.01	0.06	5.72	22.1	230	1.66	0.24	1.98	0.12	60.1	17.9	64	27.0	52.9
K310684		0.26	0.50	0.10	3.45	2430	190	0.90	0.14	17.15	0.11	38.7	10.8	42	10.25	41.8
K310685		8.20	<0.01	0.06	5.01	44.7	260	1.38	0.21	2.29	0.04	52.4	15.6	61	30.2	45.0
K310686		7.74	<0.01	0.07	6.73	89.2	220	2.07	0.28	1.96	0.07	68.4	22.0	72	44.8	56.5
K310687		7.95	<0.01	0.06	6.34	77.2	340	1.86	0.26	2.27	0.10	65.3	17.0	72	38.0	57.8
K310688		7.84	<0.01	0.07	5.58	156.5	450	1.64	0.23	2.02	0.07	56.6	19.3	66	25.4	50.5
K310689		7.45	0.14	0.07	8.44	1545	310	2.95	0.31	0.95	0.06	77.1	24.7	99	39.8	72.9
K310690		5.15	<0.01	0.01	0.06	1.7	110	0.06	0.03	19.75	0.06	1.23	0.6	1	0.21	1.7
K310691		7.44	0.08	0.05	7.60	661	240	2.69	0.29	1.10	0.07	76.6	19.7	87	37.0	58.0
K310692		7.71	0.04	0.06	5.93	340	200	2.09	0.20	1.19	0.03	55.1	19.3	72	35.5	49.0
K310693		7.91	<0.01	0.08	9.21	251	320	3.24	0.34	0.59	<0.02	84.6	33.7	111	54.3	84.3
K310694		7.86	<0.01	0.05	8.02	311	340	2.70	0.30	0.75	0.02	79.4	25.9	92	50.2	66.4
K310695		7.81	<0.01	0.06	5.82	94.0	190	1.63	0.26	1.70	0.03	61.7	16.5	63	34.7	47.3
K310696		8.20	<0.01	0.06	5.84	59.3	180	1.54	0.23	1.71	<0.02	61.7	17.4	72	35.0	46.5
K310697		0.27	2.59	0.20	3.66	6070	190	0.95	0.14	11.40	0.15	41.0	11.8	44	10.75	37.0
K310698		8.14	<0.01	0.09	6.40	84.0	190	1.94	0.27	2.07	0.02	66.2	20.1	66	35.5	52.8
K310699		8.15	<0.01	0.06	7.10	176.0	200	2.13	0.31	2.99	0.02	70.6	20.7	67	32.2	53.6
K310700		8.42	<0.01	0.06	7.18	193.5	220	2.33	0.31	2.74	0.03	72.4	20.6	67	44.2	53.5
K310701		7.82	0.02	0.06	5.83	354	230	1.75	0.26	2.31	0.46	69.1	14.2	59	23.4	36.8
K310702		0.04	0.02	0.06	5.59	342	220	1.61	0.24	2.22	0.43	67.6	13.7	53	22.9	36.6
K310703		7.97	<0.01	0.08	5.71	962	190	1.67	0.25	2.84	0.20	67.7	14.1	55	24.1	36.3
K310704		7.81	0.61	0.08	4.89	1250	230	1.42	0.20	1.84	0.10	56.6	11.6	49	17.55	29.1
K310705		7.93	0.03	0.06	4.92	248	160	1.57	0.22	2.24	0.09	58.0	10.6	48	18.00	30.0
K310706		7.05	0.10	0.06	4.95	3080	160	1.46	0.20	2.02	0.11	55.3	9.4	48	17.10	29.6
K310707		5.11	<0.01	<0.01	0.07	9.5	30	0.07	0.03	19.15	0.05	1.34	0.6	<1	0.22	1.9
K310708		5.59	0.01	0.05	4.66	254	170	1.34	0.20	2.68	0.12	58.9	10.5	48	16.65	29.9
K310709		7.76	<0.01	0.07	5.19	166.0	170	1.60	0.23	2.85	0.12	63.4	12.5	55	20.5	32.1
K310710		7.79	<0.01	0.07	4.54	170.0	150	1.34	0.20	2.46	0.11	55.6	11.8	47	17.40	29.3
K310711		7.46	0.01	0.07	3.83	274	130	1.11	0.17	1.94	0.09	47.8	12.6	42	14.25	27.7
K310712		7.81	<0.01	0.05	4.43	239	140	1.21	0.20	2.01	0.09	55.5	9.7	49	17.70	31.5
K310713		8.19	<0.01	0.07	5.62	194.0	180	1.62	0.24	2.17	0.13	67.6	14.1	58	22.1	35.8
K310714		8.52	0.09	0.07	5.01	888	170	1.47	0.23	3.58	0.13	61.9	13.3	50	21.4	32.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125428

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310679		4.91	16.50	0.12	3.0	0.21	0.065	2.10	32.5	61.3	2.41	692	0.51	0.03	10.6	37.7
K310680		5.21	16.95	0.13	3.1	0.28	0.070	2.10	30.8	62.7	2.36	684	0.55	0.03	10.8	39.9
K310681		4.51	14.45	0.11	2.7	0.08	0.065	1.87	26.4	58.0	2.33	614	0.35	0.03	9.2	32.8
K310682		4.69	15.45	0.13	2.8	0.09	0.063	2.02	27.8	79.3	2.32	625	0.41	0.03	9.8	36.5
K310683		4.94	15.85	0.12	2.8	0.16	0.062	2.17	29.4	76.0	1.95	507	0.47	0.03	10.0	35.3
K310684		2.85	9.37	0.10	1.8	3.66	0.036	1.62	19.1	10.0	1.33	1120	1.54	0.02	6.1	25.1
K310685		4.21	13.60	0.10	2.5	0.16	0.050	2.07	25.3	96.0	1.88	536	0.49	0.03	8.4	30.3
K310686		5.00	18.30	0.13	3.3	0.12	0.069	2.98	33.4	98.6	2.12	526	0.35	0.04	11.8	38.3
K310687		4.51	17.65	0.13	3.3	0.14	0.071	2.84	31.8	117.0	2.04	599	0.62	0.03	11.4	35.8
K310688		4.53	15.65	0.12	2.5	1.57	0.064	2.38	27.9	40.8	1.25	487	0.39	0.02	8.4	32.9
K310689		6.13	23.5	0.15	3.0	3.16	0.087	4.04	38.0	20.4	1.03	301	0.22	0.03	11.6	36.5
K310690		0.46	0.22	0.11	<0.1	<0.01	0.005	0.02	0.6	1.2	12.30	203	0.07	<0.01	0.2	2.5
K310691		5.85	21.8	0.15	3.1	3.06	0.077	3.65	37.7	17.2	0.99	374	0.24	0.02	10.8	31.3
K310692		4.84	16.45	0.11	2.4	1.95	0.065	2.84	27.4	23.5	0.92	492	0.35	0.02	7.6	32.5
K310693		6.92	27.3	0.17	3.5	2.11	0.106	4.56	40.3	26.0	0.86	272	0.26	0.03	14.1	48.7
K310694		6.15	23.1	0.15	3.2	1.34	0.090	3.86	38.7	33.7	0.86	335	0.25	0.03	12.4	36.9
K310695		4.89	15.90	0.12	2.5	0.83	0.063	2.72	30.6	36.9	1.32	530	0.31	0.02	8.3	31.4
K310696		4.93	15.75	0.12	2.6	0.43	0.063	2.72	30.1	46.9	1.58	547	0.26	0.02	8.8	30.0
K310697		2.77	10.20	0.14	2.0	15.5	0.033	1.72	21.4	12.8	2.42	1120	1.88	0.02	6.0	26.9
K310698		4.84	17.80	0.12	3.0	0.62	0.070	2.93	32.0	41.6	1.54	495	0.32	0.03	11.0	35.9
K310699		5.16	18.55	0.12	3.3	0.53	0.076	3.40	35.1	22.8	1.76	646	0.19	0.03	12.7	35.9
K310700		4.90	19.60	0.13	3.4	0.69	0.070	3.45	35.8	26.3	1.63	609	0.19	0.03	13.0	35.6
K310701		4.01	15.60	0.13	2.9	1.73	0.060	2.78	33.9	17.1	1.34	505	1.59	0.03	10.2	28.0
K310702		3.89	15.05	0.14	2.8	1.71	0.057	2.64	33.5	16.8	1.29	507	1.60	0.03	9.9	27.3
K310703		3.80	15.45	0.12	3.0	2.05	0.064	2.71	33.2	15.7	1.50	647	1.36	0.03	10.5	28.0
K310704		3.41	13.10	0.11	2.5	4.29	0.042	2.35	28.0	11.5	1.05	533	0.40	0.02	8.6	24.2
K310705		3.13	12.70	0.11	2.6	1.66	0.051	2.34	28.4	12.4	1.15	392	0.46	0.02	8.8	22.0
K310706		3.03	12.45	0.12	2.4	2.94	0.050	2.29	27.0	11.8	1.06	365	0.46	0.02	8.5	20.9
K310707		0.45	0.22	0.10	<0.1	<0.01	<0.005	0.02	0.6	1.1	11.95	203	0.21	0.01	0.2	2.3
K310708		3.26	12.25	0.11	2.5	1.48	0.049	2.20	28.6	13.7	1.30	456	0.42	0.02	8.5	21.7
K310709		3.68	13.05	0.10	2.6	0.66	0.050	2.43	30.9	17.1	1.34	423	0.47	0.03	9.3	24.4
K310710		3.89	11.70	0.11	2.4	0.45	0.049	2.12	27.0	14.7	1.14	353	0.40	0.02	8.3	22.5
K310711		3.28	10.10	0.10	2.1	1.46	0.041	1.81	23.4	10.8	0.92	350	0.36	0.02	7.0	21.5
K310712		3.28	11.60	0.10	2.4	1.46	0.049	2.04	27.2	17.2	1.01	358	0.44	0.02	8.2	21.5
K310713		4.36	14.65	0.12	2.9	0.88	0.064	2.69	33.0	18.5	1.26	402	0.53	0.03	10.3	28.2
K310714		4.67	13.75	0.11	2.6	4.12	0.058	2.39	30.2	13.4	1.68	663	1.14	0.02	9.0	26.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125428

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310679		490	17.7	120.0	<0.002	0.83	0.49	18.1	1	1.8	112.0	0.74	0.06	9.1	0.529	1.06
K310680		500	19.9	119.0	<0.002	1.24	0.75	18.3	1	1.9	112.5	0.76	0.06	9.4	0.530	1.23
K310681		490	12.8	104.5	<0.002	0.25	0.33	16.5	1	1.6	133.5	0.65	0.07	8.3	0.492	0.74
K310682		510	15.6	117.0	<0.002	0.33	0.40	17.5	1	1.7	99.4	0.66	0.05	8.4	0.520	0.81
K310683		490	19.1	127.0	<0.002	1.37	0.53	16.7	1	1.8	99.9	0.69	0.05	9.0	0.474	1.21
K310684		360	8.4	76.7	<0.002	2.50	8.89	8.9	1	1.3	686	0.42	0.06	5.4	0.258	9.89
K310685		390	16.0	121.5	<0.002	0.84	0.41	14.0	1	1.5	96.4	0.60	<0.05	7.8	0.443	0.99
K310686		550	19.7	180.0	<0.002	0.72	0.61	19.6	1	2.1	81.9	0.81	0.06	10.8	0.533	1.23
K310687		480	14.1	166.5	<0.002	0.77	0.37	18.5	1	1.9	90.4	0.77	<0.05	9.8	0.532	1.11
K310688		350	17.0	122.5	<0.002	4.44	0.99	17.0	1	1.7	175.0	0.61	<0.05	8.4	0.406	4.45
K310689		240	16.9	198.0	0.002	6.24	7.69	26.6	2	2.4	118.0	0.80	<0.05	11.9	0.521	10.95
K310690		190	1.3	1.3	<0.002	0.01	0.10	0.2	<1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	0.03
K310691		260	13.7	189.0	0.002	6.00	6.43	24.2	1	2.2	102.5	0.76	<0.05	12.0	0.482	10.40
K310692		150	16.7	144.5	0.002	4.88	2.20	18.5	1	1.6	79.9	0.54	<0.05	8.0	0.362	4.57
K310693		260	22.3	223	0.002	7.14	0.73	29.4	2	2.8	124.0	0.94	<0.05	13.5	0.583	6.91
K310694		340	14.8	197.0	<0.002	6.32	0.84	24.2	1	2.4	196.0	0.83	<0.05	12.2	0.503	5.54
K310695		330	16.6	139.0	<0.002	3.24	0.52	16.8	1	1.6	129.0	0.60	0.05	9.1	0.381	3.32
K310696		350	16.7	138.5	<0.002	1.34	0.49	16.4	<1	1.7	111.0	0.63	<0.05	8.9	0.410	1.81
K310697		440	11.4	83.2	0.002	2.56	22.2	10.2	1	1.5	300	0.42	<0.05	6.0	0.266	44.8
K310698		440	17.3	156.0	<0.002	3.06	0.53	17.5	1	2.0	123.5	0.74	<0.05	10.5	0.463	2.91
K310699		540	13.5	170.5	<0.002	4.93	0.54	19.0	1	2.1	128.0	0.86	0.06	11.9	0.515	2.54
K310700		550	15.5	179.5	<0.002	4.69	0.61	19.5	1	2.2	131.5	0.90	0.06	12.1	0.527	3.16
K310701		480	17.2	135.5	<0.002	3.76	2.07	14.2	1	1.8	150.5	0.72	<0.05	10.3	0.406	4.77
K310702		470	16.9	132.0	<0.002	3.65	2.03	13.7	1	1.7	146.0	0.70	<0.05	9.9	0.392	4.57
K310703		510	32.0	136.5	<0.002	3.27	2.55	13.9	1	1.8	123.5	0.74	<0.05	10.2	0.410	4.43
K310704		450	17.1	114.5	<0.002	3.21	6.37	11.2	1	1.5	104.0	0.62	<0.05	8.8	0.346	8.10
K310705		450	15.4	111.0	<0.002	2.58	1.05	11.0	1	1.6	68.3	0.62	<0.05	8.7	0.362	3.46
K310706		450	11.8	109.0	<0.002	2.67	4.64	10.8	1	1.6	64.0	0.60	<0.05	8.3	0.357	4.38
K310707		180	1.3	1.3	<0.002	0.01	0.06	0.2	<1	<0.2	46.7	<0.05	<0.05	<0.2	<0.005	0.03
K310708		460	15.7	106.0	<0.002	2.62	1.52	10.5	1	1.6	74.7	0.61	0.09	8.7	0.344	3.74
K310709		580	21.6	119.0	<0.002	3.04	0.79	11.5	1	1.6	75.5	0.67	<0.05	9.5	0.388	1.66
K310710		590	17.4	106.0	<0.002	3.47	0.57	10.3	1	1.5	75.0	0.59	<0.05	8.4	0.343	1.38
K310711		470	36.4	91.9	<0.002	2.89	1.34	8.8	1	1.5	66.7	0.50	<0.05	7.1	0.295	3.28
K310712		490	12.0	103.5	<0.002	2.89	0.76	10.2	1	1.6	74.2	0.57	<0.05	8.2	0.349	3.38
K310713		600	25.9	138.0	<0.002	4.19	0.63	13.5	1	1.8	69.9	0.74	<0.05	11.1	0.421	2.04
K310714		470	16.7	126.0	<0.002	4.08	2.08	12.4	1	1.7	110.0	0.64	<0.05	9.1	0.370	9.12

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125428

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K310679		2.0	138	1.3	21.9	71	110.0
K310680		2.0	136	1.3	22.4	96	109.5
K310681		1.8	128	1.1	19.9	77	95.5
K310682		1.8	136	1.0	21.4	75	103.0
K310683		1.9	121	1.1	20.8	83	101.5
K310684		2.3	69	5.1	16.1	46	64.0
K310685		1.7	119	1.0	18.5	52	89.4
K310686		2.2	137	1.3	55.2	75	114.5
K310687		2.1	137	1.2	22.0	91	115.0
K310688		1.7	124	3.4	25.3	80	85.8
K310689		1.9	172	10.5	31.8	59	110.0
K310690		0.9	2	0.1	0.8	14	0.6
K310691		2.0	150	11.5	25.2	58	109.0
K310692		1.7	126	3.0	17.4	47	81.5
K310693		2.4	194	1.5	29.8	74	123.0
K310694		2.1	160	1.3	26.6	60	112.0
K310695		2.0	111	1.0	18.7	55	93.4
K310696		1.9	117	1.0	19.5	57	91.0
K310697		6.8	80	7.7	20.3	48	70.1
K310698		2.2	122	1.2	22.8	60	107.0
K310699		2.3	127	1.7	24.0	76	118.5
K310700		2.3	131	2.5	24.3	70	125.5
K310701		2.2	100	4.7	20.7	245	101.5
K310702		2.2	96	4.5	20.2	232	98.6
K310703		2.2	97	5.4	20.6	133	105.5
K310704		1.9	81	5.4	16.7	59	87.9
K310705		1.9	81	3.0	17.9	72	91.6
K310706		1.8	82	4.1	17.2	81	93.3
K310707		0.5	1	0.1	0.8	16	0.8
K310708		1.9	79	3.9	18.8	78	86.7
K310709		2.1	88	2.2	19.8	89	94.8
K310710		1.9	77	1.7	18.1	68	83.5
K310711		1.6	66	3.4	15.5	68	71.2
K310712		1.8	82	3.1	17.6	73	86.4
K310713		2.2	98	1.9	20.6	96	102.0
K310714		2.0	86	8.8	20.3	127	97.2

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125428

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- 31d	PUL- QC	WSH- 21	WSH- 22

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2014
Account: RCM

CERTIFICATE WH14125429

Project: NADALEEN

P.O. No.: BATCH 14- 025

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers

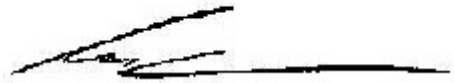
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 30- AUG- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125429

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310715		8.81	0.01	0.06	5.84	583	180	2.16	0.24	1.92	0.09	57.0	18.8	69	34.0	45.4
K310716		2.91	0.21	0.06	7.61	477	200	2.80	0.27	1.09	0.03	72.3	22.6	88	46.6	58.3
K310717		8.53	<0.01	0.06	7.70	171.5	240	2.94	0.27	0.75	<0.02	71.5	23.1	92	57.9	59.0
K310718		8.24	0.02	0.09	7.05	146.0	200	2.52	0.26	1.29	0.02	65.1	24.1	85	48.7	50.2
K310719		8.79	0.01	0.06	7.76	409	260	2.90	0.27	1.11	<0.02	72.4	26.3	94	53.1	61.6
K310720		8.82	0.04	0.09	7.34	311	230	2.94	0.27	1.87	0.02	71.9	28.1	80	48.8	47.0
K310721		5.39	<0.01	0.27	0.06	0.7	30	0.07	0.02	19.20	0.05	1.14	0.8	11	0.20	3.3
K310722		8.55	0.02	0.06	3.88	221	120	1.23	0.15	8.27	0.02	42.2	11.8	45	19.40	28.1
K310723		3.82	0.01	0.02	2.74	165.0	110	1.08	0.11	18.75	0.03	33.4	7.6	28	11.70	20.0
K310724		4.64	0.01	0.03	2.77	89.4	110	0.93	0.11	20.3	0.02	32.1	9.5	27	11.70	19.1
K310725		7.45	<0.01	0.24	2.90	33.5	120	1.03	0.12	19.20	0.03	34.7	10.3	31	13.50	24.1
K310726		3.18	<0.01	0.11	2.80	37.9	110	0.95	0.12	19.40	0.02	35.6	10.1	29	13.75	24.8
K310727		8.48	<0.01	0.13	1.50	12.8	230	0.61	0.07	26.7	<0.02	18.80	6.8	17	6.16	14.1
K310728		3.40	<0.01	0.19	0.95	10.4	130	0.45	0.05	29.5	<0.02	11.70	3.8	11	3.62	9.9
K310729		4.53	<0.01	0.02	6.54	191.5	200	2.65	0.28	7.28	<0.02	66.2	17.6	68	35.9	56.5
K310730		0.26	7.96	0.31	3.67	>10000	170	0.72	0.20	9.60	0.66	44.4	12.5	43	9.22	54.8
K310731		8.09	0.02	0.02	7.62	532	230	2.69	0.38	3.91	0.07	77.1	16.5	74	35.7	85.0
K310732		4.14	0.01	0.06	7.37	198.5	250	2.95	0.35	3.84	0.09	73.5	31.5	82	39.9	68.5
K310733		5.56	1.07	0.75	4.90	621	160	1.52	0.23	9.85	0.09	56.1	30.6	40	20.6	40.0
K310734		7.72	19.75	9.33	5.01	>10000	210	1.03	0.30	0.20	1.04	56.4	21.8	52	17.60	43.9
K310735		4.97	0.01	0.01	0.06	60.5	60	<0.05	0.03	19.55	0.07	1.12	0.6	1	0.18	2.0
K310736		8.60	10.85	4.83	5.14	>10000	250	0.89	0.26	7.33	0.78	63.6	21.8	47	15.75	41.9
K310737		6.71	25.8	0.38	3.98	>10000	240	0.60	0.26	1.13	0.84	38.8	15.9	49	10.35	36.2
K310738		3.91	9.80	0.07	3.58	>10000	150	0.70	0.20	11.90	0.40	43.4	22.3	31	10.05	34.9
K310739		6.30	23.5	0.07	5.16	>10000	240	0.97	0.31	1.09	0.72	63.4	20.7	53	16.95	44.2
K310740		0.04	23.1	0.07	5.29	>10000	240	1.06	0.31	1.07	0.81	63.0	22.1	54	17.55	47.2
K310741		7.54	3.90	0.06	7.69	2920	240	1.92	0.37	3.35	0.30	76.3	34.4	81	27.6	75.0
K310742		8.33	1.77	<0.01	7.70	7860	260	2.09	0.37	1.85	0.28	67.3	24.4	107	27.0	84.5
K310743		8.13	2.02	0.04	5.06	6170	140	1.40	0.22	8.90	0.14	57.1	15.9	48	20.2	35.5
K310744		0.26	2.60	0.19	3.64	6050	190	0.93	0.15	11.20	0.15	42.1	12.3	43	10.65	36.4
K310745		7.97	1.52	0.05	6.25	6050	150	1.99	0.22	4.36	0.14	61.3	22.4	72	29.3	42.1
K310746		7.86	0.29	0.05	7.00	593	170	2.16	0.28	0.80	0.11	66.6	23.8	83	34.7	54.5
K310747		3.94	0.24	0.05	5.52	719	140	1.67	0.21	2.03	0.09	50.4	16.5	63	23.4	37.7
K310748		5.44	1.63	0.04	2.12	>10000	70	0.51	0.09	2.85	0.10	27.1	8.3	37	7.52	17.9
K310749		6.14	3.17	0.05	5.03	6940	130	1.59	0.18	1.40	0.14	51.8	17.9	61	24.7	37.5
K310750		7.95	0.82	0.22	6.05	3480	170	1.84	0.21	0.75	0.12	63.2	19.5	73	27.9	51.5

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125429

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310715		4.20	16.10	0.10	2.4	4.50	0.067	2.87	28.1	14.1	1.07	443	0.96	0.02	8.1	31.1
K310716		5.08	21.3	0.14	2.8	2.65	0.070	3.66	35.4	18.3	0.94	332	0.33	0.03	10.4	34.0
K310717		5.67	21.9	0.14	2.8	2.30	0.086	3.81	35.0	18.1	0.80	336	0.23	0.02	10.6	35.4
K310718		5.12	19.25	0.14	2.7	2.25	0.075	3.45	32.1	17.6	0.92	423	0.24	0.02	9.1	34.8
K310719		5.79	23.0	0.14	2.9	2.78	0.083	3.89	34.8	16.9	0.93	356	0.27	0.02	11.3	38.7
K310720		4.63	21.3	0.14	2.9	1.98	0.082	3.66	35.7	16.8	1.14	454	0.27	0.03	10.8	40.2
K310721		0.44	0.35	0.24	<0.1	<0.01	<0.005	0.03	0.5	1.3	12.05	188	0.15	0.01	0.2	1.8
K310722		4.07	10.50	0.10	1.8	0.84	0.043	1.84	21.1	10.6	1.67	762	0.29	0.02	6.0	20.9
K310723		2.31	7.46	0.09	1.5	0.70	0.032	1.30	17.0	5.5	1.08	716	0.16	0.02	4.3	13.3
K310724		1.88	7.39	0.09	1.5	0.21	0.025	1.31	16.3	6.7	0.98	395	0.18	0.02	4.5	13.7
K310725		1.96	8.00	0.23	1.5	0.14	0.025	1.40	17.0	9.2	1.04	359	0.32	0.02	4.4	15.5
K310726		1.96	8.30	0.23	1.5	0.14	0.029	1.33	17.4	9.8	1.03	351	0.34	0.02	4.6	15.5
K310727		1.28	4.35	0.16	0.7	0.14	0.012	0.72	9.4	4.8	0.88	478	0.31	0.01	2.2	10.5
K310728		0.96	2.74	0.13	0.5	0.26	0.007	0.44	5.8	3.4	0.84	378	0.21	0.01	1.3	5.6
K310729		3.41	19.00	0.14	2.6	2.53	0.072	3.17	34.8	22.9	1.38	763	0.22	0.03	9.6	43.9
K310730		2.88	10.85	0.10	1.8	28.0	0.040	1.68	24.6	14.5	0.34	746	3.69	0.02	5.8	27.5
K310731		4.25	20.5	0.15	3.3	3.69	0.076	3.70	39.0	24.1	1.91	1200	0.36	0.03	11.0	68.6
K310732		4.31	22.7	0.13	2.9	2.25	0.094	3.84	34.1	21.3	1.90	903	0.52	0.03	12.1	85.1
K310733		4.05	13.75	0.11	2.5	7.36	0.053	2.39	28.9	11.0	1.61	1500	1.05	0.02	8.1	47.4
K310734		3.75	14.95	0.13	2.4	22.8	0.043	2.45	31.9	14.9	0.36	226	2.13	0.02	7.9	30.1
K310735		0.46	0.22	0.15	<0.1	0.2	<0.005	0.02	0.5	0.9	12.30	201	0.08	0.01	0.1	1.8
K310736		3.34	15.25	0.12	2.4	16.7	0.038	2.50	37.4	12.6	0.41	602	1.21	0.02	7.8	28.5
K310737		3.33	11.50	0.09	1.9	36.0	0.028	1.86	23.5	17.8	0.27	217	1.75	0.01	5.7	24.1
K310738		3.59	10.50	0.08	1.7	24.7	0.033	1.68	23.0	8.8	0.32	642	0.53	0.01	5.5	30.3
K310739		4.49	15.55	0.13	2.3	44.2	0.042	2.49	32.5	15.1	0.35	158	0.72	0.02	7.9	32.5
K310740		4.63	15.70	0.12	2.4	43.2	0.039	2.57	33.5	15.5	0.35	155	0.74	0.02	8.0	34.1
K310741		4.53	22.5	0.13	3.0	29.2	0.060	3.80	37.5	14.3	0.63	580	1.78	0.03	11.9	79.7
K310742		4.23	23.7	0.14	3.0	20.6	0.069	4.00	31.0	18.0	0.50	255	0.34	0.03	13.1	91.0
K310743		3.51	14.40	0.12	2.4	11.1	0.045	2.47	29.4	10.3	0.39	643	0.21	0.02	7.6	35.3
K310744		2.77	10.25	0.08	2.0	15.5	0.039	1.73	22.2	11.9	2.42	1120	1.90	0.01	6.1	27.0
K310745		4.47	18.55	0.11	2.5	11.9	0.050	3.15	30.4	13.0	0.43	374	0.21	0.02	9.2	32.1
K310746		5.34	20.1	0.12	2.6	16.9	0.062	3.39	32.6	14.7	0.43	130	0.24	0.02	9.3	35.4
K310747		4.74	15.30	0.10	2.1	10.30	0.050	2.60	24.9	13.3	0.33	352	0.23	0.02	7.1	27.2
K310748		2.04	5.80	0.07	1.1	6.93	0.021	0.91	13.1	11.5	0.13	297	0.27	0.01	2.9	12.2
K310749		3.48	14.80	0.10	2.2	10.20	0.037	2.39	25.8	12.0	0.30	192	0.28	0.01	6.8	27.0
K310750		4.09	17.95	0.14	2.6	12.4	0.052	2.94	30.2	14.7	0.39	90	0.26	0.02	8.4	32.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125429

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310715		240	17.8	151.5	0.002	3.69	0.72	18.0	1	1.9	89.3	0.57	<0.05	8.5	0.375	10.90
K310716		200	18.3	196.0	0.002	4.98	2.98	23.5	1	2.4	79.7	0.73	<0.05	11.1	0.469	9.17
K310717		210	14.9	204	0.002	5.78	0.64	24.8	1	2.4	70.4	0.75	<0.05	10.8	0.480	6.80
K310718		200	17.2	185.0	0.002	5.01	1.64	21.7	1	2.1	75.8	0.65	<0.05	9.9	0.430	6.40
K310719		220	17.0	208	0.002	5.76	0.72	25.8	1	2.5	79.4	0.77	<0.05	10.9	0.488	9.09
K310720		240	20.4	201	0.003	4.00	1.97	22.1	1	2.5	97.8	0.74	<0.05	11.0	0.452	5.45
K310721		170	2.2	1.2	<0.002	0.01	<0.05	0.2	1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	<0.02
K310722		310	10.1	99.6	<0.002	2.53	0.76	10.7	1	1.3	202	0.41	<0.05	6.0	0.263	2.81
K310723		310	6.2	68.0	<0.002	1.13	0.70	7.3	1	0.9	574	0.30	<0.05	4.3	0.178	1.87
K310724		360	7.4	67.7	<0.002	0.79	0.50	6.9	1	0.9	647	0.30	<0.05	4.4	0.184	0.91
K310725		330	9.6	75.4	<0.002	0.56	0.40	8.4	1	0.9	635	0.32	<0.05	4.7	0.173	0.84
K310726		320	8.9	75.9	0.002	0.50	0.41	8.4	1	1.0	627	0.33	<0.05	4.8	0.167	0.76
K310727		330	6.3	38.7	0.002	0.52	0.27	4.9	1	0.5	745	0.16	<0.05	2.4	0.085	0.53
K310728		310	3.9	24.0	0.002	0.25	0.18	3.1	1	0.3	852	0.10	<0.05	1.4	0.051	0.38
K310729		440	4.8	169.5	<0.002	2.57	0.77	19.1	1	2.4	223	0.65	<0.05	9.4	0.386	5.69
K310730		520	17.5	83.6	<0.002	3.46	105.5	9.0	2	1.9	419	0.40	0.11	6.8	0.219	67.5
K310731		560	5.3	187.5	<0.002	3.46	3.52	19.8	1	2.7	121.0	0.81	0.09	11.9	0.425	7.31
K310732		600	14.9	171.0	<0.002	3.57	3.68	20.9	1	3.1	97.7	0.85	0.11	10.5	0.455	6.90
K310733		260	47.5	124.5	0.002	3.50	19.15	13.4	1	1.8	234	0.56	0.07	8.1	0.317	20.5
K310734		410	23.1	128.0	0.007	8.50	258	7.1	4	1.7	131.0	0.56	0.30	8.5	0.305	88.1
K310735		170	2.1	1.1	<0.002	0.01	0.19	0.2	<1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.03
K310736		370	16.0	129.5	0.004	4.93	95.3	12.9	2	1.7	235	0.54	0.15	8.5	0.307	51.4
K310737		430	18.0	95.7	0.006	5.71	165.0	4.7	2	1.5	183.0	0.41	0.19	6.4	0.229	138.0
K310738		270	20.6	88.9	0.002	4.72	67.3	12.5	2	1.3	391	0.39	0.10	5.9	0.217	80.8
K310739		360	18.9	130.0	<0.002	6.69	137.5	7.6	2	2.3	120.0	0.56	0.20	9.2	0.305	137.5
K310740		360	19.9	135.5	<0.002	6.94	139.5	7.6	2	2.6	123.0	0.58	0.17	9.3	0.319	139.0
K310741		580	25.8	180.0	0.003	4.95	37.4	20.2	1	2.7	121.5	0.83	0.09	12.5	0.441	88.3
K310742		640	5.7	174.5	<0.002	4.60	24.0	17.8	1	3.0	99.8	0.88	0.07	10.7	0.475	47.7
K310743		440	7.3	126.0	<0.002	3.85	12.15	14.1	1	1.7	221	0.56	<0.05	7.8	0.322	19.30
K310744		420	11.4	84.7	0.002	2.55	23.3	10.6	1	1.6	301	0.43	<0.05	6.2	0.264	47.2
K310745		250	13.2	157.0	0.002	5.02	14.15	18.9	1	1.9	138.5	0.64	<0.05	9.0	0.404	24.0
K310746		190	15.4	173.0	0.002	5.73	8.74	19.7	1	2.0	59.9	0.66	<0.05	9.7	0.431	21.1
K310747		170	10.7	126.5	<0.002	5.24	4.63	18.2	1	1.6	63.9	0.50	<0.05	7.4	0.326	20.3
K310748		110	6.5	45.9	<0.002	2.71	31.2	6.1	1	0.7	67.6	0.21	<0.05	3.1	0.131	18.50
K310749		170	11.4	123.0	<0.002	3.96	27.4	13.1	1	1.6	55.2	0.47	<0.05	7.4	0.296	30.3
K310750		210	16.0	160.0	0.003	4.24	9.79	16.6	1	2.0	77.5	0.62	<0.05	9.7	0.360	26.3

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Finalized Date: 30- AUG- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125429

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
K310715		1.7	115	6.7	18.3	99	101.5	
K310716		1.9	150	13.5	21.0	64	101.0	
K310717		1.8	155	6.4	22.7	62	101.5	
K310718		1.8	141	5.3	20.2	58	94.7	
K310719		1.9	159	9.7	23.1	56	103.0	
K310720		2.1	143	7.1	21.2	64	109.5	
K310721		0.5	3	0.1	0.8	13	<0.5	
K310722		1.7	74	2.6	17.6	39	66.5	
K310723		1.9	47	3.5	14.5	39	53.2	
K310724		1.9	46	1.5	13.9	36	55.5	
K310725		2.1	53	1.0	14.3	37	49.0	
K310726		2.0	50	1.0	14.8	32	51.1	
K310727		1.8	27	0.5	8.3	17	25.0	
K310728		1.5	16	0.4	5.7	11	14.9	
K310729		1.9	111	7.8	20.3	67	95.5	
K310730		4.3	60	8.0	22.5	131	65.3	3.32
K310731		2.6	142	8.6	23.4	80	114.0	
K310732		1.8	147	5.1	22.9	79	109.0	
K310733		2.8	83	4.4	20.2	54	93.6	
K310734		3.5	90	6.4	18.0	106	83.8	10.50
K310735		0.6	2	0.1	0.7	17	<0.5	
K310736		3.6	89	6.3	24.7	97	87.3	2.92
K310737		5.7	65	5.2	14.2	73	69.8	4.59
K310738		2.6	60	5.1	17.9	73	64.5	1.395
K310739		3.1	78	7.4	21.0	93	84.7	4.33
K310740		3.1	81	7.7	21.6	114	87.2	4.41
K310741		2.7	135	12.3	26.1	79	108.5	
K310742		2.1	160	14.0	22.1	92	110.5	
K310743		2.0	98	10.9	20.3	49	85.4	
K310744		6.7	80	7.7	18.7	45	79.5	
K310745		1.9	126	15.4	20.6	63	91.1	
K310746		1.8	137	14.0	19.9	68	95.0	
K310747		1.6	107	10.4	14.4	82	77.6	
K310748		0.8	42	4.8	9.0	41	39.4	1.570
K310749		1.5	101	10.4	16.8	36	77.8	
K310750		1.8	126	9.8	19.6	59	84.2	

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Finalized Date: 30- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125429

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	PUL- 31	PUL- 31d	PUL- QC
WSH- 21	WSH- 22		

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VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2014
Account: RCM

CERTIFICATE WH14125434

Project: NADALEEN

P.O. No.: BATCH 14- 026

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

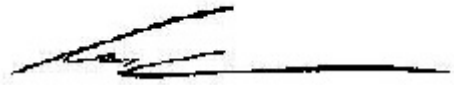
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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CERTIFICATE OF ANALYSIS WH14125434

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310751		5.33	1.77	0.07	5.81	1305	170	1.88	0.23	1.39	0.05	56.4	19.7	69	25.2	52.1
K310752		3.43	0.89	0.04	5.91	1200	200	1.77	0.22	1.97	0.05	52.8	19.3	70	20.1	45.0
K310753		6.38	0.06	0.04	3.40	155.0	130	1.23	0.14	17.90	0.04	33.0	12.2	44	14.30	26.1
K310754		7.89	<0.01	0.03	3.37	58.3	140	1.07	0.17	17.35	0.06	36.0	11.4	35	13.95	26.5
K310755		8.01	<0.01	0.04	3.31	115.0	130	1.04	0.16	20.1	0.07	36.0	12.9	29	9.17	29.3
K310756		7.94	0.13	0.03	3.62	143.5	180	1.24	0.19	19.50	0.07	40.2	14.1	32	12.40	30.0
K310757		2.92	0.17	0.04	3.15	135.5	170	1.13	0.17	21.7	0.10	34.9	11.7	29	10.35	26.5
K310758		7.69	0.08	0.03	3.73	143.5	170	1.13	0.18	19.80	0.08	44.3	14.7	32	11.70	32.0
K310759		8.01	<0.01	0.03	1.64	96.6	140	0.49	0.09	28.2	0.05	22.1	7.6	18	4.61	17.1
K310760		7.99	<0.01	0.02	1.72	135.5	130	0.48	0.09	28.2	0.05	23.6	6.4	18	4.62	15.3
K310761		7.75	0.01	0.02	0.95	275	110	0.31	0.05	33.2	0.03	13.30	3.9	11	2.60	9.8
K310762		7.87	<0.01	0.03	1.17	966	130	0.38	0.07	33.0	0.02	15.20	4.3	13	3.29	11.1
K310763		7.51	<0.01	0.02	1.10	653	140	0.38	0.06	33.6	0.17	15.25	4.3	14	3.54	10.5
K310764		0.27	2.54	0.18	3.88	6120	210	1.05	0.15	12.70	0.14	40.8	12.9	48	10.80	38.4
K310765		7.81	0.28	0.03	1.04	2600	120	0.34	0.06	33.5	0.05	15.75	4.0	13	3.41	11.2
K310766		8.08	0.09	0.03	0.77	2350	100	0.25	0.05	33.9	0.05	13.25	3.1	11	2.38	8.3
K310767		7.88	0.04	0.04	0.57	1170	90	0.16	0.03	33.9	0.04	10.75	2.5	5	1.58	7.0
K310768		8.48	0.37	0.02	0.75	>10000	100	0.23	0.04	28.2	0.09	14.20	3.0	9	1.79	8.8
K310769		8.18	0.42	0.24	0.90	3820	150	0.21	0.04	34.9	0.09	16.75	3.4	13	2.11	9.4
K310770		<0.02	0.43	0.24	0.93	3610	150	0.26	0.05	34.1	0.09	16.50	3.5	12	2.20	9.4
K310771		8.03	0.11	0.24	1.08	542	180	0.29	0.06	32.9	0.13	17.80	3.8	12	2.58	10.6
K310772		8.10	<0.01	0.03	0.76	51.2	120	0.20	0.04	33.8	0.07	14.10	3.1	11	2.24	8.0
K310773		8.41	0.04	0.10	0.66	1660	110	0.23	0.04	34.0	0.06	13.25	2.8	10	1.85	7.6
K310774		0.27	0.49	0.13	3.55	2390	200	0.84	0.14	18.45	0.13	38.7	12.0	41	10.20	42.9
K310775		8.04	0.29	0.25	0.63	8060	110	0.19	0.03	32.5	0.05	12.35	2.6	10	1.47	7.1
K310776		8.89	0.56	0.37	0.58	>10000	120	0.17	0.04	33.3	0.13	12.40	2.5	7	1.37	6.9
K310777		8.37	1.26	0.60	0.73	>10000	110	0.20	0.04	29.1	0.13	14.20	2.9	12	1.76	8.7
K310778		8.43	2.00	0.91	0.80	>10000	90	0.18	0.05	23.6	0.35	13.20	3.1	15	1.82	8.5
K310779		5.08	<0.01	0.02	0.05	88.4	20	0.06	0.02	19.70	0.09	1.15	1.3	<1	0.12	2.6
K310780		7.67	3.88	1.70	1.09	>10000	110	0.18	0.05	16.80	1.09	20.7	4.1	15	2.02	12.9
K310781		7.59	2.69	1.34	1.24	4830	120	0.22	0.06	23.8	0.42	22.6	4.7	15	2.80	12.9
K310782		7.44	2.54	1.13	1.01	2810	100	0.16	0.05	26.2	0.45	20.6	3.9	11	2.42	10.0
K310783		6.16	1.20	0.67	0.79	634	100	0.15	0.04	29.8	0.17	15.65	3.1	9	2.00	8.5
K310784		3.71	8.07	2.12	1.52	>10000	150	0.22	0.07	7.69	1.56	21.7	5.2	20	3.55	16.8
K310785		5.13	<0.01	0.02	0.05	84.1	20	0.07	0.02	20.4	0.06	1.24	1.4	<1	0.13	2.6
K310786		7.60	2.22	0.55	0.44	>10000	90	0.12	0.02	25.6	0.12	12.75	1.7	7	0.80	5.3

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125434

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310751		3.83	15.25	0.17	2.2	11.7	0.050	2.81	26.1	12.5	0.38	196	0.29	0.02	7.0	29.9
K310752		4.17	16.50	0.21	2.4	9.09	0.046	2.98	26.3	12.0	0.58	388	0.26	0.02	7.9	31.1
K310753		2.71	9.58	0.16	1.6	2.40	0.034	1.72	18.0	5.9	1.14	967	0.38	0.02	4.8	20.1
K310754		3.17	9.84	0.18	1.7	1.28	0.039	1.73	19.3	5.5	3.45	1220	0.51	0.02	5.5	17.1
K310755		2.63	8.99	0.15	1.6	2.02	0.046	1.56	17.6	5.9	1.52	821	0.42	0.02	4.8	19.5
K310756		2.46	10.20	0.12	1.9	2.90	0.048	1.72	20.5	7.0	1.25	669	0.98	0.02	5.7	19.9
K310757		2.30	8.67	0.12	1.6	2.75	0.043	1.51	17.7	6.2	1.19	670	0.93	0.02	4.7	16.8
K310758		2.41	10.65	0.13	1.9	2.34	0.046	1.75	23.4	7.4	1.17	658	0.67	0.02	5.6	20.8
K310759		1.23	4.87	0.14	0.9	1.35	0.018	0.78	12.9	3.7	0.73	421	0.73	0.01	2.7	11.0
K310760		1.24	5.01	0.12	1.1	1.98	0.019	0.82	13.8	4.4	1.07	315	0.91	0.02	2.9	9.3
K310761		0.71	2.84	0.14	0.6	1.63	0.013	0.44	7.4	2.8	0.45	293	0.21	0.01	1.7	6.3
K310762		0.81	3.42	0.14	0.6	1.61	0.014	0.56	8.3	3.4	0.57	260	0.26	0.01	2.0	7.3
K310763		0.77	3.29	0.14	0.6	1.79	0.014	0.53	8.4	3.3	0.48	246	0.22	0.01	1.9	7.1
K310764		3.00	11.55	0.22	2.3	15.9	0.037	1.94	22.4	13.0	2.74	1240	2.04	0.02	6.5	28.2
K310765		0.76	3.09	0.17	0.6	2.31	0.015	0.51	8.8	3.3	0.33	385	0.17	0.01	1.8	6.6
K310766		0.54	2.40	0.15	0.4	1.72	0.012	0.36	7.1	2.4	0.40	248	0.29	0.01	1.4	5.8
K310767		0.53	1.74	0.13	0.3	1.75	0.010	0.27	5.8	1.6	0.49	295	0.31	0.01	1.1	4.9
K310768		0.54	2.31	0.96	0.4	1.78	0.065	0.35	7.3	2.2	0.43	391	0.38	0.01	1.4	5.8
K310769		0.65	2.71	0.17	0.5	1.52	0.013	0.44	8.9	2.9	0.36	543	0.35	0.01	1.5	6.4
K310770		0.66	2.82	0.16	0.5	1.65	0.012	0.45	8.9	2.8	0.35	523	0.35	0.01	1.6	6.7
K310771		0.77	3.06	0.16	0.6	1.83	0.013	0.52	9.5	3.5	0.44	417	0.56	0.01	1.9	7.5
K310772		0.51	2.26	0.14	0.4	0.87	0.009	0.37	7.3	2.5	0.33	88	0.38	0.01	1.4	6.0
K310773		0.49	1.99	0.14	0.4	1.11	0.010	0.32	6.9	2.0	0.28	265	0.36	0.01	1.3	5.7
K310774		3.01	10.25	0.21	2.0	4.04	0.036	1.78	19.9	9.4	1.45	1170	1.66	0.02	6.6	26.7
K310775		0.55	1.99	0.18	0.4	1.31	0.013	0.30	6.2	1.8	0.25	577	0.23	0.01	1.2	5.1
K310776		0.56	1.87	0.21	0.4	1.70	0.017	0.28	6.0	1.8	0.25	763	0.23	0.01	1.2	4.9
K310777		0.66	2.35	0.34	0.5	2.86	0.030	0.34	7.5	3.7	0.24	1280	0.35	0.01	1.4	5.9
K310778		0.61	2.60	0.53	0.5	4.03	0.054	0.38	7.0	7.1	0.18	2130	0.32	0.01	1.6	6.1
K310779		0.45	0.27	0.20	<0.1	0.01	0.006	0.02	0.6	0.8	12.60	197	0.06	<0.01	0.4	4.1
K310780		0.85	3.50	0.27	0.6	7.58	0.031	0.48	10.8	17.6	0.16	2570	0.62	0.01	1.8	7.9
K310781		0.83	3.92	0.18	0.7	5.70	0.015	0.55	12.1	10.5	0.19	3020	0.44	0.01	2.1	8.3
K310782		0.69	3.17	0.16	0.6	4.48	0.011	0.45	10.7	7.2	0.18	1940	0.45	0.01	1.7	6.8
K310783		0.59	2.46	0.13	0.5	2.60	0.011	0.36	8.2	4.0	0.23	1920	0.34	0.01	1.5	6.2
K310784		1.21	4.62	0.42	0.8	10.10	0.057	0.58	12.0	20.4	0.12	1250	0.72	<0.01	2.1	9.4
K310785		0.46	0.30	0.23	<0.1	0.01	<0.005	0.02	0.6	0.8	13.15	201	0.13	<0.01	0.3	4.0
K310786		0.44	1.57	0.50	0.3	2.57	0.061	0.19	5.7	3.4	0.17	1820	0.18	<0.01	0.9	4.4

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125434

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310751		220	13.9	138.0	0.002	3.89	5.97	14.1	1	1.9	97.1	0.51	<0.05	7.2	0.347	23.9
K310752		220	16.3	134.0	0.002	4.14	8.97	17.0	2	1.8	71.6	0.59	<0.05	8.5	0.365	20.4
K310753		310	8.7	76.9	0.002	1.83	0.85	8.1	1	1.1	433	0.37	<0.05	5.2	0.201	3.77
K310754		250	10.9	75.0	<0.002	1.49	0.17	8.1	2	1.2	410	0.39	0.06	5.5	0.209	1.62
K310755		310	15.2	70.3	<0.002	1.93	3.60	9.0	1	1.1	500	0.34	0.08	5.4	0.190	3.69
K310756		230	15.5	83.5	0.005	1.95	6.65	10.2	1	1.2	474	0.41	0.10	6.3	0.213	5.31
K310757		230	13.0	70.4	0.005	1.82	5.90	8.9	1	1.0	547	0.34	0.09	5.3	0.184	4.76
K310758		280	14.6	84.0	0.003	1.85	5.28	10.6	1	1.2	519	0.41	0.09	6.7	0.203	4.68
K310759		150	6.3	36.1	0.003	0.92	1.94	4.4	2	0.6	917	0.19	0.05	3.1	0.095	2.27
K310760		150	6.4	38.2	0.004	1.04	2.77	4.3	1	0.6	1060	0.20	<0.05	3.2	0.105	2.47
K310761		160	4.8	19.6	0.002	0.66	3.56	2.5	1	0.3	1430	0.11	<0.05	1.7	0.056	2.87
K310762		140	5.3	25.3	0.002	0.77	4.09	2.9	1	0.4	1570	0.13	0.05	2.0	0.067	2.36
K310763		150	3.9	25.4	0.002	0.75	4.33	2.9	1	0.4	1820	0.13	<0.05	1.9	0.066	2.91
K310764		460	11.4	87.5	0.002	2.65	26.0	10.1	2	1.7	335	0.47	0.05	6.6	0.283	44.0
K310765		180	3.8	25.9	0.002	0.89	10.65	3.1	1	0.3	1545	0.12	0.05	1.8	0.061	5.29
K310766		180	3.5	18.0	0.002	0.66	8.94	2.2	1	0.3	1505	0.09	<0.05	1.5	0.045	3.61
K310767		220	3.2	13.2	0.002	0.55	7.17	1.6	1	0.2	1400	0.07	<0.05	1.1	0.033	3.69
K310768		290	3.6	17.4	0.002	5.10	228	2.4	3	0.3	1245	0.09	0.08	1.4	0.043	4.56
K310769		250	3.3	21.4	0.002	0.85	17.80	2.7	2	0.3	1690	0.10	<0.05	1.6	0.052	6.05
K310770		240	3.4	22.2	0.002	0.87	17.95	2.6	2	0.3	1635	0.11	<0.05	1.6	0.053	6.16
K310771		180	4.1	25.8	0.003	0.77	7.10	3.0	2	0.4	1855	0.13	<0.05	1.9	0.062	6.67
K310772		350	2.9	18.6	0.003	0.46	0.76	2.0	1	0.3	2210	0.09	<0.05	1.3	0.044	2.53
K310773		480	2.7	16.2	0.002	0.55	8.73	2.0	1	0.2	1845	0.08	<0.05	1.2	0.038	3.96
K310774		370	8.7	84.3	0.002	2.51	10.20	8.7	2	1.5	732	0.47	0.06	5.7	0.268	10.20
K310775		440	5.2	15.1	<0.002	0.89	39.2	1.9	2	0.2	1680	0.07	<0.05	1.2	0.036	5.39
K310776		830	5.6	14.0	0.002	1.09	52.1	2.1	2	0.2	1990	0.07	<0.05	1.2	0.035	7.65
K310777		810	3.9	17.4	0.002	2.23	109.5	3.7	4	0.3	1670	0.09	0.07	1.4	0.043	7.23
K310778		260	3.0	19.9	<0.002	3.97	279	5.6	6	0.3	1190	0.10	0.11	1.4	0.049	8.17
K310779		170	1.3	1.0	<0.002	0.01	0.46	0.2	1	<0.2	50.5	<0.05	<0.05	<0.2	<0.005	0.02
K310780		410	4.0	25.7	0.002	2.54	127.0	7.8	4	0.5	767	0.12	0.09	1.9	0.062	12.40
K310781		230	4.0	29.4	0.002	1.12	30.6	7.6	2	0.4	966	0.14	0.06	2.2	0.072	11.60
K310782		190	3.2	24.2	0.002	0.87	18.75	7.4	2	0.3	1270	0.12	0.05	1.7	0.057	9.61
K310783		200	2.5	18.4	<0.002	0.61	9.02	5.3	1	0.3	1350	0.10	<0.05	1.3	0.047	6.98
K310784		680	4.7	32.0	0.002	5.33	258	4.1	5	0.6	530	0.15	0.16	2.4	0.078	17.80
K310785		180	1.2	1.0	<0.002	0.01	0.39	0.2	1	<0.2	51.8	<0.05	<0.05	<0.2	<0.005	0.04
K310786		900	1.8	10.2	<0.002	5.44	289	4.2	3	0.2	1265	0.05	0.09	0.8	0.023	5.94

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CERTIFICATE OF ANALYSIS WH14125434

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K310751		1.8	122	7.9	16.5	48	78.0	
K310752		1.7	121	8.0	16.7	44	80.5	
K310753		2.0	61	3.4	13.9	43	55.7	
K310754		1.7	57	2.9	15.6	55	61.5	
K310755		1.7	53	3.4	14.3	79	54.2	
K310756		2.1	62	3.9	15.8	45	71.3	
K310757		1.9	54	3.3	15.1	110	54.0	
K310758		2.4	59	3.9	17.3	46	66.0	
K310759		2.3	28	1.5	13.8	18	33.9	
K310760		2.5	28	1.8	14.0	25	37.7	
K310761		2.2	15	1.5	9.8	10	19.9	
K310762		2.2	18	1.2	10.5	11	22.9	
K310763		2.1	17	1.2	10.8	98	22.5	
K310764		7.2	88	8.0	20.4	49	76.0	
K310765		2.1	16	1.5	12.6	13	20.8	
K310766		2.4	13	1.1	11.9	8	15.4	
K310767		1.8	11	0.8	11.8	6	11.5	
K310768		2.4	13	1.1	14.1	15	15.8	8.68
K310769		2.6	16	1.2	14.4	12	18.3	
K310770		2.6	16	1.3	13.7	12	19.0	
K310771		2.7	18	1.3	14.4	17	22.0	
K310772		2.6	13	0.6	15.2	7	15.6	
K310773		2.1	12	0.9	13.5	7	14.8	
K310774		2.4	73	5.5	18.0	47	68.3	
K310775		2.1	10	1.2	13.1	6	14.1	
K310776		2.5	10	1.0	14.7	23	14.9	1.150
K310777		2.5	13	1.1	16.0	23	17.6	3.26
K310778		2.1	14	1.0	17.2	35	18.3	7.09
K310779		0.7	2	0.1	0.9	16	<0.5	
K310780		3.2	20	1.5	17.9	88	21.0	3.69
K310781		2.9	22	1.6	18.1	36	24.0	
K310782		3.3	18	1.3	18.4	34	19.9	
K310783		2.4	14	1.0	17.5	17	15.5	
K310784		3.4	27	2.1	16.5	123	27.4	9.40
K310785		0.6	2	0.1	0.9	15	<0.5	
K310786		1.5	8	0.5	14.2	11	11.1	10.30

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125434

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2014
Account: RCM

CERTIFICATE WH14125436

Project: NADALEEN

P.O. No.: BATCH14- 027

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

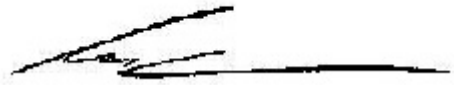
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125436

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310787		7.56	2.84	1.73	1.56	8160	170	0.30	0.09	25.1	0.41	26.1	5.6	18	4.44	15.5
K310788		7.91	3.26	0.51	2.10	>10000	150	0.48	0.11	22.7	0.20	27.5	7.0	24	5.65	23.6
K310789		7.73	0.89	0.26	0.93	7820	120	0.28	0.04	32.2	0.11	15.05	3.5	12	2.32	11.5
K310790		3.36	0.80	0.23	0.87	3210	120	0.18	0.04	32.4	0.09	13.80	3.1	11	2.09	10.7
K310791		7.74	1.17	0.27	0.69	>10000	90	0.28	0.04	29.3	0.16	12.05	2.6	10	1.69	8.7
K310792		7.62	1.88	0.08	1.52	>10000	130	0.39	0.07	27.7	0.20	23.1	5.5	18	4.22	17.3
K310793		7.55	0.20	0.17	0.94	1130	110	0.37	0.06	32.6	0.13	14.20	3.4	11	2.46	10.6
K310794		4.57	0.45	0.15	1.73	351	160	0.39	0.08	28.5	0.24	25.3	6.1	19	4.88	18.7
K310795		4.66	5.42	3.37	2.66	>10000	230	0.50	0.13	17.95	0.59	36.8	9.2	31	5.90	29.5
K310796		5.99	1.88	0.97	0.64	338	100	0.23	0.04	32.2	0.21	10.15	2.5	6	1.35	7.9
K310797		7.50	0.18	0.05	0.51	145.5	100	0.26	0.03	33.4	0.12	8.97	2.1	6	1.27	8.5
K310798		7.65	0.02	0.05	1.95	131.0	190	0.57	0.10	26.7	0.24	23.9	6.7	21	5.05	21.5
K310799		0.27	0.49	0.09	3.52	2480	190	0.87	0.13	18.15	0.08	37.5	10.7	42	10.10	41.5
K310800		8.25	<0.01	0.07	2.75	93.8	260	0.78	0.14	24.7	0.23	36.6	9.7	30	8.51	29.4
K310801		6.32	<0.01	0.02	2.90	88.9	300	0.79	0.17	23.4	0.11	36.5	10.0	32	10.85	28.8
K310802		4.17	<0.01	<0.01	0.55	24.8	220	0.36	0.03	32.0	0.04	13.20	2.4	8	1.97	6.0
K310803		2.31	<0.01	0.01	7.39	175.5	500	1.07	0.04	10.45	0.16	104.0	30.0	23	25.1	39.3
K310804		5.14	<0.01	<0.01	0.04	6.1	20	0.05	0.02	20.8	0.05	0.98	0.6	1	0.09	2.7
K310805		3.41	<0.01	0.01	0.54	28.8	140	0.25	0.03	34.3	0.04	8.98	2.1	6	1.54	5.8
K310806		8.31	<0.01	0.01	0.48	26.9	250	0.25	0.03	33.8	0.04	9.43	1.9	5	1.23	6.1
K310807		8.06	<0.01	0.05	2.10	39.5	260	0.75	0.11	25.8	0.12	26.3	7.1	22	8.21	21.4
K310808		8.00	<0.01	0.03	1.56	50.7	150	0.48	0.06	28.9	0.12	23.0	5.4	20	4.85	16.1
K310809		<0.02	<0.01	0.03	1.62	51.0	200	0.47	0.07	29.2	0.12	23.2	5.4	21	4.95	15.9
K310810		8.15	<0.01	0.01	0.76	23.8	130	0.33	0.04	34.2	0.09	12.95	2.7	9	2.40	8.0
K310811		8.16	<0.01	0.03	0.46	20.4	150	0.22	0.02	35.3	0.03	7.70	1.9	6	1.15	6.2
K310812		8.33	<0.01	0.01	1.20	33.1	150	0.42	0.07	31.7	0.09	17.75	4.0	13	4.67	11.8
K310813		8.30	<0.01	0.06	2.66	86.9	150	0.71	0.15	24.8	0.20	34.3	8.4	28	9.99	24.5
K310814		7.98	<0.01	0.02	0.87	47.5	180	0.34	0.04	32.2	0.10	14.35	3.0	9	2.79	11.1
K310815		0.25	0.49	0.09	3.56	2510	200	0.84	0.13	18.15	0.14	37.7	10.7	41	10.35	38.9
K310816		8.06	<0.01	0.05	2.80	49.2	170	0.86	0.13	24.3	0.20	37.2	9.7	30	11.40	28.9
K310817		8.25	<0.01	0.06	3.29	39.4	200	1.03	0.16	21.8	0.24	44.7	10.2	34	14.45	31.8
K310818		7.91	<0.01	0.09	5.01	103.5	220	1.55	0.24	11.70	0.37	71.5	16.0	54	20.3	48.8
K310819		7.79	0.01	0.10	2.84	236	200	0.70	0.13	24.1	0.17	42.3	9.2	30	8.68	28.3
K310820		8.24	<0.01	0.03	1.35	40.6	240	0.42	0.06	30.0	0.09	21.3	4.8	15	5.05	14.0
K310821		8.31	<0.01	0.01	0.61	25.6	110	0.21	0.04	32.8	0.08	11.05	2.3	7	1.80	7.3
K310822		5.04	<0.01	<0.01	0.05	1.4	20	0.07	0.07	20.8	0.05	1.10	0.7	1	0.14	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125436

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310787		1.16	4.74	0.18	0.9	5.41	0.020	0.73	13.9	7.7	0.23	1840	0.95	0.01	2.5	10.5
K310788		1.40	6.11	0.11	1.1	5.76	0.034	0.95	14.9	8.2	0.29	1230	1.55	0.01	2.9	12.7
K310789		0.71	2.68	0.08	0.5	2.02	0.011	0.43	7.6	3.5	0.41	1140	0.82	0.01	1.3	5.1
K310790		0.65	2.57	0.05	0.4	1.94	0.015	0.41	7.0	3.0	0.41	1120	0.68	0.01	1.2	5.0
K310791		0.60	2.16	0.07	0.4	1.75	0.023	0.34	6.4	2.9	0.48	1400	0.71	0.01	1.0	4.0
K310792		1.04	4.23	0.07	0.7	3.64	0.025	0.72	12.0	5.6	0.44	645	1.11	0.01	2.2	9.3
K310793		0.72	2.67	0.05	0.5	1.40	0.014	0.44	7.3	3.3	0.63	649	0.75	0.01	1.4	5.1
K310794		1.19	4.71	0.07	0.9	2.38	0.017	0.81	13.0	5.0	0.64	729	1.27	0.01	2.5	10.5
K310795		1.92	7.50	0.12	1.3	4.99	0.024	1.21	19.0	12.1	0.30	2510	2.16	0.01	3.9	17.5
K310796		0.69	1.97	0.05	0.3	1.49	0.014	0.30	5.1	2.9	0.33	2800	0.57	0.01	1.0	3.6
K310797		0.68	1.41	0.05	0.3	0.54	0.011	0.24	4.6	1.9	0.60	793	0.42	0.01	0.8	3.3
K310798		1.38	5.32	0.08	0.9	0.65	0.027	0.91	12.2	5.6	0.98	344	1.44	0.02	2.8	12.1
K310799		2.87	9.29	0.09	1.7	3.83	0.042	1.65	18.5	8.6	1.36	1140	1.79	0.02	5.8	23.6
K310800		1.87	7.47	0.10	1.4	0.43	0.031	1.28	18.4	9.5	0.99	263	2.34	0.02	4.1	17.3
K310801		1.71	8.16	0.10	1.4	0.07	0.018	1.31	18.5	12.8	1.28	439	2.55	0.02	4.0	17.6
K310802		1.66	1.77	<0.05	0.3	0.02	0.008	0.25	6.9	3.7	1.51	959	0.44	0.01	1.3	2.5
K310803		4.95	18.20	0.21	3.7	0.22	0.079	3.16	57.5	27.8	1.73	938	1.93	0.05	58.8	19.2
K310804		0.45	0.21	<0.05	<0.1	<0.01	0.006	0.02	0.5	0.8	12.90	205	0.07	<0.01	0.1	1.2
K310805		0.55	1.38	<0.05	0.3	0.02	<0.005	0.25	4.5	3.1	0.58	319	0.31	0.02	0.8	2.2
K310806		0.76	1.47	<0.05	0.2	0.04	0.010	0.22	4.7	2.5	0.81	401	0.27	0.01	0.6	1.8
K310807		1.61	5.60	0.07	1.0	0.23	0.020	0.98	14.0	9.3	1.30	472	1.68	0.02	2.9	13.3
K310808		1.06	4.30	0.08	0.8	0.43	0.017	0.74	12.2	5.9	0.73	178	1.07	0.02	2.2	8.7
K310809		1.09	4.31	0.06	0.8	0.45	0.021	0.76	12.3	5.8	0.75	178	1.06	0.02	2.3	9.0
K310810		0.58	2.11	<0.05	0.4	0.14	0.010	0.35	6.6	3.3	0.49	256	0.31	0.02	1.1	4.0
K310811		0.39	1.28	<0.05	0.2	0.07	0.005	0.21	4.0	2.0	0.43	338	0.17	0.01	0.7	2.2
K310812		0.79	3.27	0.06	0.6	0.45	0.015	0.57	9.5	5.1	0.53	296	0.78	0.02	1.8	6.3
K310813		1.53	6.87	0.08	1.3	2.41	0.025	1.23	19.0	10.1	0.86	239	2.14	0.02	3.8	14.5
K310814		0.69	2.43	0.05	0.4	0.51	0.013	0.40	7.4	3.4	0.65	516	0.66	0.01	1.2	4.9
K310815		2.90	9.15	0.10	1.8	3.89	0.042	1.66	18.9	8.6	1.38	1160	1.78	0.02	5.8	23.3
K310816		1.87	7.40	0.10	1.4	0.52	0.033	1.28	18.7	9.2	1.06	581	2.04	0.02	3.9	16.4
K310817		2.15	8.64	0.11	1.6	0.53	0.031	1.52	22.5	10.2	1.18	563	1.58	0.02	4.7	18.3
K310818		3.07	13.40	0.16	2.6	1.80	0.065	2.37	35.3	16.0	1.62	471	1.97	0.03	7.6	29.4
K310819		1.84	7.38	0.11	1.4	4.10	0.042	1.27	21.0	7.8	0.86	485	1.26	0.02	4.0	16.1
K310820		1.04	3.55	0.05	0.7	0.38	0.018	0.64	11.1	4.7	0.69	312	0.44	0.01	2.0	7.5
K310821		0.61	1.62	<0.05	0.3	0.08	<0.005	0.29	5.6	2.2	0.59	227	0.33	0.01	0.8	3.1
K310822		0.46	0.24	<0.05	<0.1	<0.01	<0.005	0.02	0.5	0.9	12.80	206	0.18	<0.01	0.2	1.4

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VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125436

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310787		660	5.3	37.6	0.004	1.60	43.7	6.5	2	0.6	1475	0.19	0.06	2.6	0.091	14.30
K310788		380	8.4	46.6	0.005	5.01	217	5.9	2	0.6	1190	0.22	0.10	3.6	0.117	17.80
K310789		570	4.0	20.9	0.002	1.04	20.2	3.5	2	0.3	1430	0.09	0.06	1.7	0.053	6.50
K310790		640	3.4	19.3	<0.002	0.78	11.15	3.2	<1	0.3	1460	0.09	<0.05	1.5	0.049	5.80
K310791		700	2.6	16.0	0.004	3.07	132.5	3.5	2	0.2	1370	0.07	0.07	1.3	0.040	5.51
K310792		450	5.4	35.3	0.004	2.43	72.1	4.3	2	0.4	1310	0.15	0.09	2.6	0.087	11.30
K310793		510	3.6	21.3	<0.002	0.69	6.60	2.6	1	0.3	1465	0.10	0.05	1.7	0.052	4.99
K310794		370	6.1	39.7	0.005	1.20	7.35	5.3	1	0.5	1910	0.19	0.06	2.9	0.101	8.71
K310795		320	9.4	62.2	0.004	3.54	129.0	10.9	2	0.7	979	0.28	0.11	4.9	0.159	19.65
K310796		150	2.7	14.6	0.002	0.58	6.99	6.1	<1	0.2	1445	0.06	<0.05	1.2	0.038	5.97
K310797		140	3.0	11.1	<0.002	0.35	1.38	1.4	1	0.2	1520	0.05	<0.05	0.9	0.032	2.05
K310798		370	7.9	44.3	0.006	1.16	0.94	5.1	1	0.6	1765	0.20	0.05	3.2	0.116	5.12
K310799		360	8.5	78.7	0.004	2.47	8.78	9.0	1	1.3	690	0.43	0.05	5.5	0.257	10.05
K310800		300	12.1	61.8	0.006	1.54	0.63	7.2	2	0.9	1845	0.29	0.07	4.6	0.161	4.72
K310801		230	7.5	60.8	0.006	0.51	0.29	6.2	1	0.8	1545	0.30	0.09	4.7	0.158	0.45
K310802		430	3.4	11.2	<0.002	0.36	0.15	1.8	1	0.2	1260	0.08	<0.05	0.9	0.038	0.17
K310803		1940	8.4	135.0	0.002	2.72	0.55	18.8	2	1.7	758	2.92	<0.05	6.3	1.045	1.60
K310804		190	1.2	0.7	<0.002	<0.01	0.07	0.1	<1	<0.2	40.4	<0.05	<0.05	<0.2	0.005	0.02
K310805		470	1.6	10.4	0.002	0.15	0.15	1.6	<1	0.2	1785	0.06	<0.05	1.0	0.033	0.09
K310806		840	3.1	10.0	0.002	0.27	0.17	1.3	1	0.2	1510	0.05	0.05	0.8	0.026	0.20
K310807		270	11.8	45.0	0.005	1.10	0.50	5.3	2	0.7	1515	0.23	0.06	3.4	0.118	1.14
K310808		190	6.6	34.2	0.002	0.96	0.60	4.1	1	0.5	2080	0.16	0.08	2.7	0.089	1.31
K310809		200	6.6	34.9	0.004	1.00	0.61	4.2	1	0.5	2120	0.16	<0.05	2.7	0.091	1.37
K310810		470	2.8	15.7	<0.002	0.49	0.20	2.3	1	0.2	2100	0.09	<0.05	1.4	0.043	0.58
K310811		560	1.9	9.1	<0.002	0.28	0.15	1.4	1	0.2	1840	<0.05	0.07	0.8	0.027	0.23
K310812		370	4.2	25.5	0.002	0.71	0.31	3.0	1	0.4	1975	0.14	<0.05	2.1	0.072	1.08
K310813		250	8.4	56.9	0.006	1.50	0.77	5.8	1	0.8	1555	0.30	0.07	4.4	0.151	2.35
K310814		560	3.2	17.4	0.003	0.54	0.41	2.6	1	0.3	1570	0.09	<0.05	1.5	0.049	1.38
K310815		370	8.5	80.1	<0.002	2.49	8.84	9.0	1	1.4	699	0.43	0.07	5.5	0.260	10.15
K310816		760	9.4	58.3	0.005	1.41	0.62	7.3	2	0.9	1460	0.32	0.08	4.5	0.169	3.82
K310817		230	10.6	68.6	0.007	1.71	0.53	7.9	1	1.1	1415	0.37	0.10	5.3	0.193	3.78
K310818		310	19.9	113.5	0.008	2.63	1.29	11.8	2	1.6	792	0.55	0.12	8.5	0.302	5.76
K310819		390	14.1	55.0	0.004	1.61	2.74	7.8	1	0.9	1435	0.29	0.06	4.7	0.170	4.54
K310820		420	5.9	26.5	0.003	0.80	0.35	3.5	1	0.5	1670	0.14	0.06	2.2	0.091	1.09
K310821		360	3.8	11.7	<0.002	0.40	0.26	1.7	1	0.2	1685	0.06	<0.05	1.1	0.036	0.30
K310822		180	1.4	0.9	<0.002	<0.01	0.05	0.1	<1	<0.2	50.3	<0.05	<0.05	<0.2	<0.005	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125436

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
K310787		3.1	29	1.9	19.9	48	32.2	
K310788		3.8	36	2.6	15.9	35	34.7	7.20
K310789		3.1	17	1.2	12.9	15	16.1	
K310790		2.9	16	1.0	12.0	16	15.0	
K310791		2.2	15	0.9	11.6	17	14.0	5.17
K310792		3.5	28	1.9	14.6	26	25.3	2.94
K310793		2.6	17	1.2	11.0	14	17.4	
K310794		3.6	30	1.9	17.6	30	30.0	
K310795		5.5	51	3.4	18.9	61	44.8	3.19
K310796		2.1	12	0.8	10.8	21	11.9	
K310797		2.0	10	0.5	7.7	15	9.5	
K310798		3.6	36	0.9	16.3	36	32.4	
K310799		2.6	69	5.4	16.3	46	59.6	
K310800		3.8	50	0.8	20.1	47	46.4	
K310801		3.9	49	0.7	16.7	45	44.3	
K310802		1.5	14	0.2	9.3	13	11.1	
K310803		1.9	203	1.0	31.6	86	171.5	
K310804		0.5	2	0.1	0.7	16	<0.5	
K310805		2.0	10	0.2	9.1	8	9.7	
K310806		2.3	9	0.2	8.6	9	9.4	
K310807		3.4	37	0.5	15.1	28	32.5	
K310808		3.1	27	0.5	15.7	22	27.0	
K310809		3.2	27	0.5	15.6	26	26.5	
K310810		2.3	13	0.2	11.8	10	14.0	
K310811		1.5	8	0.2	6.8	6	9.7	
K310812		2.3	20	0.4	10.6	20	21.5	
K310813		3.5	44	0.9	15.1	42	43.1	
K310814		2.4	16	0.5	11.5	14	15.8	
K310815		2.6	71	5.4	16.2	47	62.4	
K310816		3.2	53	0.7	19.1	47	48.0	
K310817		3.2	58	0.8	19.2	49	53.2	
K310818		4.4	88	1.5	24.0	75	89.5	
K310819		3.4	50	2.3	23.4	24	47.1	
K310820		2.4	24	0.4	15.0	15	23.6	
K310821		2.4	11	0.2	10.4	6	11.4	
K310822		0.6	2	0.1	0.8	16	<0.5	

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125436

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- SEP- 2014
Account: RCM

CERTIFICATE WH14125435

Project: NADALEEN

P.O. No.: BATCH 14- 028

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

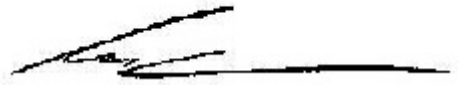
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 8- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125435

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310823		8.66	<0.01	0.05	0.34	50.6	90	0.15	0.05	35.4	0.03	7.21	1.8	4	0.79	5.8
K310824		8.39	<0.01	0.02	0.50	46.9	190	0.16	0.03	35.2	<0.02	7.62	2.3	6	1.24	6.9
K310825		8.56	<0.01	0.03	0.85	69.3	490	0.26	0.04	33.2	0.07	12.95	3.3	10	2.55	11.1
K310826		8.42	<0.01	0.03	1.45	54.1	150	0.43	0.09	28.8	0.09	20.5	6.1	18	5.08	18.2
K310827		0.27	2.51	0.17	3.73	6180	190	1.01	0.16	11.95	0.13	39.6	12.6	46	11.15	36.5
K310828		8.72	<0.01	0.05	2.28	74.8	180	0.70	0.13	25.2	0.20	30.6	9.3	30	8.50	31.0
K310829		8.23	<0.01	0.04	1.49	28.4	250	0.55	0.08	28.2	0.21	21.4	6.0	19	5.28	21.4
K310830		8.14	<0.01	0.04	3.69	31.3	210	0.68	0.10	20.1	0.24	40.3	13.1	31	16.35	34.3
K310831		8.36	<0.01	0.04	2.92	82.6	160	0.65	0.10	23.0	0.18	35.5	11.4	25	9.27	28.2
K310832		8.21	<0.01	0.06	2.10	33.4	140	0.62	0.12	26.5	0.28	26.0	8.5	29	8.70	30.7
K310833		8.19	<0.01	0.05	1.79	36.2	130	0.60	0.11	28.5	0.23	25.5	6.7	22	6.34	25.2
K310834		3.61	<0.01	0.06	1.50	40.5	110	0.55	0.09	28.7	0.18	22.6	5.6	19	5.48	20.7
K310835		8.16	0.01	0.05	1.75	66.6	110	0.54	0.09	27.3	0.18	25.8	7.6	26	5.98	24.1
K310836		8.16	<0.01	0.06	1.94	52.5	120	0.58	0.11	27.1	0.20	30.6	6.9	24	8.35	25.2
K310837		7.98	<0.01	0.07	2.21	106.0	140	0.64	0.13	26.2	0.19	33.1	8.8	30	7.65	30.6
K310838		0.27	0.49	0.09	3.51	2510	190	0.90	0.15	17.60	0.14	39.6	11.2	42	11.30	41.3
K310839		7.99	0.03	0.03	1.38	90.6	160	0.44	0.08	29.5	0.07	20.6	5.6	17	4.35	19.5
K310840		8.32	<0.01	0.01	0.45	80.5	70	0.16	0.04	25.0	0.03	10.60	2.4	6	1.08	10.1
K310841		8.43	<0.01	0.01	0.25	39.8	30	0.11	0.02	22.2	<0.02	7.29	1.3	2	0.44	4.5
K310842		7.51	<0.01	0.06	0.43	39.6	100	0.19	0.04	30.1	0.04	10.35	1.9	7	1.08	7.4
K310843		7.65	0.02	0.02	0.42	51.1	80	0.16	0.04	33.5	0.07	9.04	1.9	5	1.00	6.2
K310844		7.64	<0.01	<0.01	0.15	15.9	60	0.08	0.02	34.4	0.04	4.83	0.8	2	0.41	2.5
K310845		<0.02	<0.01	<0.01	0.15	15.3	60	0.07	0.01	34.2	0.04	4.88	0.8	2	0.43	4.1
K310846		7.27	<0.01	0.02	0.97	49.4	120	0.27	0.06	32.2	0.15	17.05	3.5	10	3.24	12.3
K310847		7.45	<0.01	0.02	0.79	142.5	110	0.24	0.05	32.7	0.16	15.15	3.2	9	2.33	9.5
K310848		7.77	0.04	0.07	0.68	76.9	140	0.21	0.04	32.2	0.11	12.80	2.5	8	1.56	8.6
K310849		7.26	3.90	2.88	0.65	>10000	100	0.17	0.05	25.0	0.49	14.85	2.5	9	1.57	10.1
K310850		5.13	<0.01	0.01	0.03	116.0	200	<0.05	0.02	19.55	0.06	1.12	0.7	<1	0.12	1.9
K310851		7.66	0.09	0.07	0.42	268	90	0.15	0.03	34.1	0.05	10.40	1.7	5	1.55	6.1
K310852		5.14	<0.01	<0.01	0.04	7.7	30	0.06	0.02	19.70	0.06	1.08	0.6	<1	0.11	3.2
K310853		7.28	0.15	0.16	0.13	628	90	0.09	0.02	33.1	0.04	3.67	0.7	2	0.28	3.7
K310854		7.67	0.02	0.01	0.40	120.5	80	0.14	0.02	33.2	0.06	9.25	1.6	5	1.06	5.3
K310855		7.50	<0.01	0.01	0.30	37.8	110	0.13	0.02	35.1	0.05	7.70	1.3	4	0.90	4.8
K310856		7.63	<0.01	0.02	0.52	39.9	120	0.17	0.03	34.2	0.13	10.45	2.0	6	1.66	6.8
K310857		7.48	0.03	0.04	0.66	67.7	130	0.19	0.03	33.9	0.16	13.30	2.4	7	1.60	8.8
K310858		7.12	0.17	0.06	0.15	9410	90	0.08	0.01	35.8	0.08	5.09	0.9	2	0.33	3.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125435

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310823		0.46	1.00	0.07	0.2	0.10	0.009	0.16	3.0	1.5	0.51	253	0.22	0.01	0.5	3.2
K310824		0.46	1.38	0.09	0.3	0.16	0.009	0.24	3.2	1.9	0.69	172	0.25	0.01	0.8	4.1
K310825		0.62	2.29	0.12	0.4	0.14	0.012	0.40	5.4	3.7	0.54	108	0.56	0.01	1.2	6.3
K310826		1.04	3.98	0.05	0.8	0.20	0.017	0.69	9.9	6.5	0.70	215	0.65	0.01	2.4	10.6
K310827		2.81	10.20	0.07	2.0	14.7	0.033	1.85	20.7	12.4	2.57	1160	1.79	0.02	6.3	27.0
K310828		1.61	6.19	0.09	1.1	0.30	0.030	1.06	14.7	10.0	1.04	304	0.97	0.02	3.6	17.9
K310829		1.31	4.14	0.08	0.8	0.21	0.016	0.69	10.1	5.8	0.90	436	1.01	0.02	2.3	11.7
K310830		2.50	8.86	0.10	1.8	0.23	0.038	1.52	19.7	16.5	1.01	319	1.41	0.35	15.0	18.6
K310831		2.35	7.30	0.05	1.4	0.18	0.031	1.22	17.2	19.7	1.19	519	1.09	0.03	11.5	15.2
K310832		1.62	5.59	0.07	1.0	0.30	0.023	0.97	12.6	8.1	0.94	331	2.13	0.02	3.2	18.0
K310833		1.43	4.71	0.07	0.9	0.20	0.021	0.84	12.1	7.2	0.89	300	1.15	0.02	2.8	13.7
K310834		1.25	3.99	0.07	0.8	0.16	0.019	0.69	10.9	6.4	0.79	279	0.90	0.02	2.3	11.1
K310835		1.42	4.74	0.06	0.9	0.31	0.022	0.82	12.0	7.7	1.09	394	0.67	0.02	2.7	13.8
K310836		1.28	5.19	0.09	1.0	0.50	0.022	0.91	14.0	9.6	0.83	234	0.86	0.02	3.1	13.6
K310837		1.52	6.07	0.07	1.2	0.99	0.025	1.04	15.0	8.1	1.18	373	0.99	0.02	3.5	17.0
K310838		2.92	9.47	<0.05	1.9	3.76	0.036	1.74	20.0	9.3	1.40	1130	1.51	0.02	6.4	23.7
K310839		1.09	3.85	0.07	0.7	0.85	0.016	0.64	9.9	4.7	1.26	355	0.73	0.01	2.3	10.5
K310840		1.49	1.31	0.05	0.3	0.69	0.006	0.20	4.9	1.7	7.40	836	0.35	0.01	0.8	4.0
K310841		1.64	0.78	0.07	0.1	0.33	<0.005	0.11	3.4	1.1	9.55	878	0.16	0.01	0.3	1.8
K310842		0.69	1.21	0.06	0.2	0.54	0.005	0.21	4.9	1.9	3.44	365	0.25	0.01	0.7	3.6
K310843		0.39	1.18	0.07	0.2	0.74	<0.005	0.21	4.4	1.6	0.78	229	0.21	0.01	0.7	2.8
K310844		0.22	0.44	0.10	0.1	0.23	<0.005	0.07	2.2	0.8	0.86	169	0.11	0.01	0.2	1.0
K310845		0.22	0.44	0.07	0.1	0.24	<0.005	0.07	2.3	0.8	0.83	169	0.08	0.01	0.2	1.0
K310846		0.64	2.61	0.07	0.5	1.36	0.011	0.46	8.5	4.1	0.63	141	0.30	0.01	1.6	5.7
K310847		0.58	2.12	0.07	0.4	1.49	0.008	0.39	7.7	3.4	0.70	149	0.38	0.01	1.3	5.0
K310848		0.55	1.71	0.07	0.4	1.58	0.008	0.33	6.5	2.6	0.57	269	0.34	0.01	1.0	4.1
K310849		0.77	1.90	0.10	0.4	5.48	0.016	0.30	7.3	5.0	0.47	1600	0.26	0.01	1.0	4.0
K310850		0.45	0.16	0.07	<0.1	0.01	<0.005	0.01	0.5	0.9	12.65	195	21.2	<0.01	0.1	1.4
K310851		0.39	1.20	0.08	0.2	1.47	<0.005	0.19	4.8	2.0	0.41	494	0.24	0.01	0.7	2.8
K310852		0.45	0.17	0.09	<0.1	<0.01	<0.005	0.02	0.5	0.9	12.80	200	0.07	<0.01	0.1	1.6
K310853		0.19	0.40	0.09	0.1	0.81	<0.005	0.04	1.6	0.7	0.60	346	0.07	0.01	0.2	0.9
K310854		0.35	1.12	0.06	0.2	1.54	0.005	0.17	4.3	1.6	0.56	253	0.17	0.01	0.6	2.4
K310855		0.25	0.84	0.05	0.2	0.66	<0.005	0.13	3.6	1.3	0.43	121	0.16	0.01	0.5	1.9
K310856		0.36	1.32	0.05	0.3	0.86	0.008	0.24	5.0	1.8	0.41	65	0.25	0.01	0.8	3.2
K310857		0.46	1.78	<0.05	0.3	1.15	0.010	0.31	6.4	2.5	0.54	155	0.25	0.01	0.9	3.8
K310858		0.19	0.45	<0.05	0.1	0.55	0.005	0.07	2.2	0.9	0.38	345	0.09	0.01	0.2	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125435

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310823		520	5.1	6.7	<0.002	0.27	0.40	1.2	1	0.3	1905	<0.05	<0.05	0.6	0.020	0.08
K310824		560	5.4	10.0	0.002	0.38	0.28	1.6	1	0.2	1665	0.05	<0.05	0.8	0.033	0.11
K310825		1210	4.7	16.8	0.004	0.62	0.39	2.7	1	0.3	1910	0.08	<0.05	1.3	0.053	0.28
K310826		790	4.0	32.3	0.005	0.89	0.39	4.3	<1	0.5	1815	0.17	<0.05	2.4	0.100	0.61
K310827		440	9.4	84.9	0.002	2.56	23.5	10.3	1	1.6	317	0.43	<0.05	6.4	0.272	43.6
K310828		1150	6.2	49.3	0.007	1.24	0.51	6.9	1	0.8	1780	0.26	<0.05	3.6	0.156	1.03
K310829		1000	4.1	32.0	0.005	0.85	0.34	4.7	1	0.5	1690	0.17	<0.05	2.4	0.101	0.60
K310830		1310	4.8	68.4	0.006	1.13	0.79	9.9	1	0.9	1475	0.88	<0.05	4.2	0.374	0.61
K310831		1170	5.1	53.5	0.004	1.03	0.52	8.1	1	0.8	1385	0.66	<0.05	3.4	0.295	0.50
K310832		1250	5.9	44.3	0.009	1.24	0.38	5.9	1	0.7	1895	0.22	<0.05	3.2	0.158	0.90
K310833		1150	5.2	38.0	0.007	0.95	0.40	5.0	1	0.6	1665	0.20	<0.05	2.9	0.116	0.80
K310834		980	4.4	32.6	0.005	0.80	0.35	4.6	1	0.5	1670	0.17	<0.05	2.5	0.095	0.64
K310835		1110	4.7	36.8	0.004	0.97	0.82	5.8	1	0.5	1345	0.20	<0.05	2.6	0.135	0.94
K310836		780	5.7	41.8	0.006	1.01	0.59	5.5	1	0.7	1535	0.23	<0.05	3.2	0.122	0.97
K310837		1350	7.4	46.2	0.007	1.17	0.93	6.8	1	0.7	1340	0.25	<0.05	3.6	0.157	1.17
K310838		370	7.1	78.7	<0.002	2.50	9.59	8.8	1	1.4	720	0.47	0.05	6.0	0.266	10.65
K310839		910	9.6	29.3	0.004	0.83	1.20	4.1	1	0.5	1415	0.16	<0.05	2.3	0.097	0.91
K310840		760	7.3	9.1	0.002	0.38	2.09	1.5	<1	0.2	666	0.06	<0.05	0.9	0.028	0.68
K310841		300	4.7	5.1	<0.002	0.13	1.59	0.6	<1	<0.2	413	<0.05	<0.05	0.4	0.011	0.28
K310842		250	4.0	8.7	0.002	0.29	1.27	1.2	<1	0.2	1390	0.05	<0.05	0.9	0.025	0.46
K310843		350	2.0	8.9	<0.002	0.33	1.01	1.1	<1	0.2	1570	0.05	<0.05	0.9	0.025	0.54
K310844		510	<0.5	3.0	<0.002	0.11	0.33	0.5	<1	<0.2	1405	<0.05	<0.05	0.3	0.008	0.28
K310845		560	<0.5	3.0	<0.002	0.11	0.32	0.5	<1	<0.2	1425	<0.05	<0.05	0.3	0.008	0.30
K310846		190	3.0	20.7	<0.002	0.64	2.73	2.3	1	0.3	1795	0.12	<0.05	1.9	0.060	2.21
K310847		260	2.4	16.9	<0.002	0.56	2.95	1.9	1	0.3	1665	0.10	<0.05	1.6	0.048	2.85
K310848		260	1.9	13.8	<0.002	0.51	2.58	1.8	<1	0.2	2180	0.08	<0.05	1.3	0.041	3.36
K310849		320	8.8	14.3	0.002	4.10	277	2.1	9	0.4	1165	0.07	0.16	1.3	0.036	12.35
K310850		180	<0.5	0.7	<0.002	0.03	0.46	0.2	<1	<0.2	53.5	<0.05	<0.05	<0.2	<0.005	0.05
K310851		300	2.6	8.8	<0.002	0.37	4.27	1.4	<1	0.2	1620	<0.05	<0.05	0.9	0.024	2.71
K310852		180	<0.5	0.9	<0.002	0.01	0.11	0.1	<1	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	0.02
K310853		1100	0.8	2.0	<0.002	0.16	3.52	0.5	<1	<0.2	1490	<0.05	<0.05	0.3	0.008	1.47
K310854		180	3.1	8.2	<0.002	0.33	3.23	1.2	<1	<0.2	1405	0.05	<0.05	0.8	0.023	2.36
K310855		390	0.8	6.4	0.002	0.22	1.32	0.9	<1	<0.2	2030	<0.05	<0.05	0.6	0.018	0.94
K310856		220	1.4	10.4	<0.002	0.38	1.70	1.3	<1	0.2	2040	0.05	<0.05	1.0	0.031	1.36
K310857		490	1.7	13.8	<0.002	0.47	1.64	1.8	1	0.2	2190	0.07	<0.05	1.3	0.038	1.72
K310858		780	<0.5	3.1	<0.002	0.58	30.7	0.6	1	<0.2	1965	<0.05	<0.05	0.4	0.009	1.03

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125435

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K310823		1.7	7	0.3	7.0	4	7.2	
K310824		1.7	10	0.4	6.1	2	8.7	
K310825		2.8	16	0.4	11.4	11	13.7	
K310826		2.8	29	1.2	13.8	17	27.6	
K310827		7.1	84	8.2	18.8	40	71.2	
K310828		3.6	52	1.4	21.1	31	40.3	
K310829		2.9	36	0.4	16.0	18	30.9	
K310830		2.8	92	1.1	21.2	46	68.0	
K310831		2.7	72	2.1	19.7	31	58.1	
K310832		3.4	55	0.8	16.2	30	38.3	
K310833		3.3	41	0.4	17.3	23	33.2	
K310834		3.0	35	0.4	15.9	20	28.0	
K310835		3.1	43	0.5	18.1	21	32.6	
K310836		3.4	42	0.5	18.8	20	34.0	
K310837		4.1	52	2.9	22.4	17	41.8	
K310838		2.6	74	5.5	16.6	43	63.7	
K310839		3.1	28	2.0	13.9	5	26.0	
K310840		3.0	8	0.8	8.4	5	9.2	
K310841		1.2	4	0.3	6.1	<2	4.4	
K310842		1.9	8	0.7	8.4	<2	8.3	
K310843		1.9	9	0.7	7.5	<2	8.6	
K310844		1.4	4	0.2	5.3	<2	3.9	
K310845		1.4	4	0.2	5.4	<2	4.8	
K310846		2.5	16	1.5	10.6	7	17.2	
K310847		2.3	15	1.1	9.3	5	14.7	
K310848		2.0	13	0.8	10.2	4	12.8	
K310849		2.3	12	1.2	11.2	32	12.0	7.22
K310850		0.6	2	0.1	0.8	10	<0.5	
K310851		2.3	8	0.9	10.8	<2	9.7	
K310852		0.7	2	0.1	0.8	7	<0.5	
K310853		1.5	4	0.4	5.6	<2	4.4	
K310854		1.7	8	0.9	8.3	<2	8.2	
K310855		2.0	6	0.5	7.5	<2	6.6	
K310856		2.1	10	0.7	8.4	3	9.4	
K310857		2.3	12	0.9	10.4	8	10.8	
K310858		1.5	4	0.3	6.8	<2	4.6	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125435

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11- SEP- 2014
Account: RCM

CERTIFICATE WH14129368

Project: NADALEEN

P.O. No.: BATCH 14- 029

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

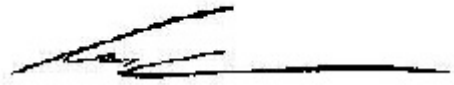
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 11- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129368

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310859		7.95	<0.01	0.02	0.66	30.2	130	0.22	0.04	34.7	0.11	10.40	2.8	7	2.45	10.8
K310860		8.17	0.01	0.02	0.46	39.0	150	0.16	0.03	34.2	0.07	8.28	1.9	6	1.27	7.6
K310861		8.23	<0.01	0.02	0.47	25.1	150	0.18	0.03	33.7	0.10	8.61	1.7	5	1.51	6.6
K310862		0.25	0.48	0.10	3.54	2520	190	0.84	0.14	17.75	0.14	39.9	10.8	40	9.82	43.2
K310863		8.17	0.01	0.02	0.51	16.2	160	0.18	0.03	33.3	0.14	9.76	1.8	6	2.28	6.9
K310864		8.24	<0.01	0.02	0.49	15.1	140	0.16	0.03	34.2	0.13	8.82	1.9	5	1.80	6.7
K310865		8.06	<0.01	0.02	0.44	16.7	150	0.15	0.03	34.6	0.09	8.81	1.8	6	1.51	6.5
K310866		<0.02	<0.01	0.02	0.44	17.0	150	0.13	0.03	35.1	0.08	8.95	1.8	6	1.52	6.4
K310867		8.04	0.01	0.03	0.60	16.4	160	0.20	0.04	34.0	0.08	11.30	2.4	7	3.36	8.4
K310868		8.36	<0.01	0.01	0.30	11.5	130	0.13	0.02	35.1	0.05	5.69	1.3	3	0.78	4.6
K310869		8.53	0.01	0.01	0.26	13.8	160	0.09	0.02	34.6	0.06	4.85	1.1	3	0.69	4.0
K310870		3.58	<0.01	0.01	0.15	8.4	160	0.09	0.01	34.4	0.04	3.78	0.7	2	0.34	2.8
K310871		8.28	<0.01	0.01	0.30	31.0	120	0.13	0.02	34.8	0.05	6.48	1.3	3	0.78	4.8
K310872		8.17	0.01	0.02	0.49	71.3	160	0.15	0.03	33.8	0.09	8.99	1.8	5	1.36	6.4
K310873		7.95	0.02	0.01	0.24	88.3	210	0.12	0.02	35.4	0.04	4.96	1.1	3	0.54	3.8
K310874		7.90	0.01	0.02	0.62	98.0	140	0.19	0.03	33.9	0.07	9.90	2.3	6	1.81	8.3
K310875		7.50	0.01	0.02	0.71	888	150	0.23	0.04	34.0	0.07	11.15	2.7	7	2.02	9.2
K310876		7.93	0.01	0.02	0.63	36.9	180	0.21	0.04	34.5	0.05	9.08	2.1	7	1.98	7.7
K310877		7.99	0.01	0.02	0.63	116.0	110	0.21	0.04	33.4	0.06	8.70	2.1	6	1.73	7.4
K310878		8.20	0.01	0.01	0.32	50.6	150	0.15	0.02	34.9	0.06	6.43	1.4	4	0.80	5.0
K310879		0.25	2.45	0.19	3.66	5960	190	0.92	0.14	11.30	0.17	42.9	11.4	44	10.25	35.9
K310880		8.05	0.02	0.02	0.34	89.8	130	0.15	0.02	34.7	0.05	6.61	1.4	4	0.81	5.2
K310881		8.06	0.01	0.01	0.40	60.3	100	0.17	0.03	34.8	0.03	7.32	1.6	4	0.95	5.4
K310882		7.99	0.01	0.01	0.23	40.1	90	0.11	0.02	34.7	<0.02	4.00	1.0	2	0.52	3.3
K310883		8.07	0.01	<0.01	0.07	23.2	40	0.05	0.01	33.6	<0.02	2.09	0.5	1	0.12	1.9
K310884		7.99	0.02	0.01	0.33	82.0	80	0.13	0.02	33.7	0.03	5.72	1.5	4	0.77	5.3
K310885		4.99	<0.01	0.01	0.06	0.3	40	0.06	0.04	19.80	0.06	1.28	0.7	<1	0.23	1.8
K310886		7.52	0.01	0.02	0.55	83.3	110	0.19	0.03	32.7	0.02	9.86	2.2	6	1.28	8.3
K310887		7.33	0.01	0.02	0.90	41.9	120	0.29	0.06	31.8	0.04	15.35	3.3	9	2.71	12.6
K310888		7.44	0.11	0.02	0.94	58.2	130	0.35	0.05	32.1	0.04	15.35	3.8	10	3.11	12.8
K310889		7.53	<0.01	0.02	1.07	37.3	140	0.36	0.05	30.6	0.04	16.65	4.0	12	4.28	13.5
K310890		7.89	0.01	0.03	1.07	84.0	90	0.34	0.09	29.8	0.06	16.10	4.3	12	3.03	16.9
K310891		8.04	<0.01	0.03	1.19	51.2	160	0.41	0.08	31.6	0.06	20.6	4.0	15	4.34	16.4
K310892		10.04	<0.01	0.07	5.44	50.7	220	1.52	0.26	3.08	0.09	65.7	13.3	55	21.9	33.2
K310893		7.01	<0.01	0.01	0.06	<0.2	30	0.05	0.05	20.7	0.06	1.10	0.6	2	0.18	1.5
K310894		9.77	<0.01	0.07	4.79	43.9	180	1.27	0.23	3.00	0.10	60.5	13.4	50	19.95	28.3

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310859		0.51	2.00	0.33	0.3	0.38	0.010	0.31	4.6	4.1	0.49	82	0.23	0.02	1.0	4.4
K310860		0.36	1.31	0.15	0.2	0.53	0.006	0.21	3.7	2.4	0.47	99	0.18	0.02	0.7	2.8
K310861		0.34	1.30	0.14	0.2	0.57	0.005	0.22	4.0	2.6	0.40	88	0.22	0.02	0.7	2.6
K310862		2.94	9.73	0.14	1.8	3.83	0.036	1.70	19.9	8.2	1.36	1120	1.55	0.02	5.8	24.4
K310863		0.38	1.39	0.13	0.3	0.33	0.008	0.23	4.6	3.0	0.64	133	0.22	0.02	0.7	3.0
K310864		0.35	1.34	0.15	0.3	0.39	0.006	0.23	4.4	2.7	0.44	92	0.18	0.02	0.7	2.8
K310865		0.33	1.28	0.18	0.3	0.36	0.005	0.20	4.1	2.3	0.43	60	0.24	0.02	0.7	3.0
K310866		0.33	1.28	0.18	0.2	0.35	0.005	0.20	4.2	2.3	0.43	61	0.24	0.02	0.7	3.0
K310867		0.44	1.74	0.18	0.3	0.35	0.010	0.28	5.3	3.5	0.49	138	0.24	0.02	0.9	4.0
K310868		0.26	0.87	0.16	0.2	0.14	<0.005	0.14	2.6	1.9	0.55	196	0.14	0.02	0.4	1.9
K310869		0.19	0.77	0.19	0.1	0.16	<0.005	0.12	2.1	1.6	0.39	51	0.11	0.02	0.4	1.5
K310870		0.13	0.46	0.17	0.1	0.10	<0.005	0.06	1.6	1.2	0.38	49	0.10	0.02	0.2	0.8
K310871		0.25	0.90	0.17	0.2	0.52	<0.005	0.13	2.9	1.8	0.69	98	0.17	0.01	0.4	1.9
K310872		0.35	1.35	0.16	0.3	0.69	0.005	0.24	4.1	2.8	0.43	91	0.20	0.02	0.7	2.9
K310873		0.22	0.71	0.16	0.2	0.68	<0.005	0.13	2.2	1.4	0.36	114	0.12	0.02	0.4	1.6
K310874		0.45	1.66	0.16	0.3	0.93	0.009	0.29	4.6	3.3	0.40	88	0.23	0.02	0.9	3.9
K310875		0.50	2.02	0.18	0.3	0.74	0.006	0.33	5.2	4.1	0.42	103	0.21	0.02	1.0	4.6
K310876		0.42	1.74	0.17	0.3	0.45	0.007	0.30	4.2	3.6	0.56	118	0.23	0.02	0.9	3.7
K310877		0.42	1.71	0.14	0.3	0.59	0.009	0.30	4.1	3.3	0.62	123	0.18	0.01	0.9	3.6
K310878		0.26	0.93	0.15	0.2	0.44	<0.005	0.15	3.0	2.1	0.39	110	0.14	0.02	0.5	2.1
K310879		2.77	10.00	0.16	2.0	15.6	0.034	1.74	22.1	12.6	2.43	1090	1.79	0.02	5.6	26.3
K310880		0.27	0.96	0.13	0.2	0.55	0.007	0.15	3.0	1.8	0.43	128	0.16	0.01	0.5	2.2
K310881		0.29	1.15	0.17	0.2	0.64	0.006	0.18	3.2	2.0	0.50	101	0.18	0.01	0.6	2.6
K310882		0.19	0.65	0.18	0.1	0.44	<0.005	0.10	1.8	1.4	0.37	177	0.13	0.01	0.3	1.4
K310883		0.15	0.24	0.17	0.1	0.15	<0.005	0.03	0.9	0.7	1.99	147	0.10	0.01	0.1	0.7
K310884		0.31	0.95	0.20	0.2	0.52	0.005	0.15	2.5	1.7	0.97	140	0.19	0.01	0.5	2.6
K310885		0.45	0.25	0.21	<0.1	<0.01	0.005	0.04	0.6	1.2	12.15	190	0.07	0.01	0.2	1.6
K310886		0.43	1.60	0.21	0.3	0.67	0.006	0.26	4.1	2.8	0.63	180	0.31	0.02	0.8	3.9
K310887		0.67	2.55	0.19	0.5	0.78	0.011	0.43	6.4	4.3	0.85	155	0.61	0.02	1.4	6.6
K310888		0.75	2.66	0.20	0.5	0.78	0.011	0.46	6.4	4.9	0.77	189	0.42	0.01	1.4	6.8
K310889		0.78	2.96	0.17	0.5	0.67	0.013	0.51	7.0	5.8	0.61	162	0.39	0.02	1.6	7.5
K310890		0.98	2.92	0.10	0.6	0.93	0.012	0.50	6.4	4.2	0.68	395	0.58	0.01	1.7	8.3
K310891		0.86	3.21	0.10	0.6	0.92	0.012	0.55	7.8	5.4	0.78	119	0.77	0.02	1.8	8.3
K310892		4.04	13.80	0.15	2.8	0.49	0.060	2.49	29.2	31.9	1.43	475	0.48	0.03	9.6	26.5
K310893		0.49	0.21	0.09	<0.1	<0.01	<0.005	0.02	0.5	1.0	12.90	221	0.08	0.01	0.2	1.5
K310894		3.33	12.15	0.17	2.6	0.58	0.048	2.05	26.8	42.7	1.41	508	0.41	0.03	8.6	23.5

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Finalized Date: 11- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310859		300	3.5	13.9	<0.002	0.52	0.31	1.8	1	0.2	1905	0.07	<0.05	1.3	0.038	0.88
K310860		420	1.8	9.6	0.003	0.34	0.47	1.6	1	0.2	2170	0.05	<0.05	0.8	0.030	0.47
K310861		360	2.0	9.6	0.003	0.31	1.04	1.4	<1	0.2	2160	0.05	<0.05	0.8	0.027	0.27
K310862		360	8.1	83.0	0.004	2.48	8.50	9.5	1	1.4	707	0.42	0.07	5.1	0.265	9.60
K310863		340	1.9	10.6	0.003	0.35	0.20	1.5	<1	0.2	2240	0.05	<0.05	0.9	0.029	0.33
K310864		380	1.8	10.1	0.004	0.34	0.19	1.4	1	0.2	2120	0.05	<0.05	0.8	0.029	0.27
K310865		490	2.0	8.8	0.003	0.31	0.94	1.6	1	0.2	2330	0.05	<0.05	0.8	0.027	0.17
K310866		520	2.0	8.7	0.003	0.31	1.02	1.7	<1	0.2	2340	0.05	<0.05	0.8	0.027	0.17
K310867		200	2.3	12.8	0.003	0.41	0.86	1.9	1	0.2	2220	0.06	<0.05	1.0	0.034	0.21
K310868		500	1.5	6.0	0.003	0.21	0.82	1.0	<1	<0.2	2050	<0.05	<0.05	0.5	0.017	0.09
K310869		330	1.2	5.0	0.003	0.17	0.44	0.8	<1	<0.2	2160	<0.05	<0.05	0.4	0.014	0.17
K310870		290	0.7	2.8	0.003	0.11	0.26	0.6	<1	<0.2	2160	<0.05	<0.05	0.3	0.007	0.09
K310871		410	1.5	5.6	0.003	0.20	0.45	0.9	1	<0.2	1900	<0.05	<0.05	0.5	0.016	0.45
K310872		370	1.8	10.8	0.003	0.33	0.40	1.5	<1	0.2	2280	0.05	<0.05	0.8	0.028	0.81
K310873		920	1.1	6.2	0.002	0.20	0.65	1.0	1	<0.2	2740	<0.05	<0.05	0.4	0.015	0.86
K310874		300	2.0	13.0	0.002	0.46	0.49	1.8	1	0.2	2090	0.06	<0.05	0.9	0.041	1.33
K310875		160	2.3	15.4	0.004	0.56	0.50	2.1	1	0.3	2110	0.07	<0.05	1.1	0.044	1.19
K310876		720	2.1	13.9	0.003	0.40	0.34	1.7	1	0.2	2260	0.07	<0.05	0.9	0.037	0.93
K310877		220	3.7	13.4	0.002	0.40	0.26	1.7	<1	0.2	1575	0.07	<0.05	0.9	0.036	0.68
K310878		310	1.7	6.9	0.002	0.23	0.21	1.0	<1	<0.2	2160	<0.05	<0.05	0.6	0.019	0.60
K310879		420	10.4	87.8	0.003	2.46	20.9	10.2	1	1.7	310	0.41	0.05	5.7	0.263	44.9
K310880		400	2.5	7.0	0.002	0.24	0.63	1.1	1	<0.2	2040	<0.05	<0.05	0.6	0.019	0.94
K310881		450	2.0	8.1	0.003	0.28	0.38	1.3	1	0.2	1805	<0.05	<0.05	0.7	0.023	0.90
K310882		250	1.0	4.8	0.002	0.17	0.40	0.9	<1	<0.2	1605	<0.05	<0.05	0.4	0.014	0.71
K310883		560	1.1	1.2	0.002	0.06	0.19	0.4	<1	<0.2	982	<0.05	<0.05	<0.2	<0.005	0.22
K310884		620	1.8	6.7	0.004	0.24	0.41	1.1	<1	<0.2	1555	<0.05	<0.05	0.5	0.021	0.60
K310885		190	1.2	1.9	0.002	<0.01	0.05	0.2	<1	<0.2	52.5	<0.05	<0.05	<0.2	0.008	<0.02
K310886		1000	3.6	11.8	0.004	0.38	0.55	1.7	1	0.2	1705	0.06	<0.05	0.9	0.034	0.91
K310887		900	4.6	19.4	0.006	0.56	0.54	2.6	1	0.3	1635	0.09	<0.05	1.5	0.053	1.32
K310888		940	5.6	20.9	0.005	0.60	1.02	3.0	1	0.3	2250	0.10	<0.05	1.4	0.059	1.18
K310889		690	4.0	24.2	0.004	0.66	0.66	3.3	1	0.4	1910	0.12	<0.05	1.6	0.075	0.92
K310890		710	4.1	23.2	<0.002	0.75	0.59	3.1	1	0.4	1280	0.11	<0.05	1.6	0.074	0.98
K310891		1670	4.3	25.7	0.004	0.67	0.28	3.5	1	0.4	2570	0.11	<0.05	1.8	0.074	1.04
K310892		510	16.3	127.5	<0.002	3.16	0.54	12.1	1	1.9	150.5	0.63	0.05	8.8	0.389	1.58
K310893		160	1.2	1.1	<0.002	0.01	0.05	0.1	<1	<0.2	51.4	<0.05	<0.05	<0.2	<0.005	<0.02
K310894		450	22.2	107.5	<0.002	2.49	0.53	10.8	1	1.6	181.0	0.58	0.05	8.3	0.345	1.49

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Finalized Date: 11- SEP- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
K310859		2.1	12	0.3	8.3	6	11.7
K310860		1.7	9	0.5	7.4	5	8.8
K310861		1.6	8	0.7	7.1	7	8.3
K310862		2.3	70	5.4	17.1	46	65.2
K310863		1.7	9	0.4	8.2	8	8.7
K310864		1.6	8	0.6	7.3	9	8.4
K310865		1.9	8	0.6	8.0	5	8.6
K310866		1.9	8	0.6	8.3	5	9.4
K310867		1.7	10	0.6	8.3	9	9.9
K310868		1.5	5	0.4	5.5	3	5.7
K310869		1.6	4	0.4	5.2	4	4.9
K310870		1.4	3	0.2	4.7	2	3.4
K310871		1.9	5	0.3	6.5	2	5.6
K310872		1.7	9	0.5	7.2	6	9.8
K310873		1.9	5	0.4	6.4	2	6.6
K310874		1.7	10	0.9	7.0	8	10.3
K310875		1.6	11	0.9	7.2	7	11.2
K310876		2.0	9	0.7	7.9	4	10.7
K310877		1.7	9	0.6	6.3	6	9.3
K310878		1.3	6	0.4	5.6	4	5.9
K310879		6.5	79	7.9	18.8	44	71.2
K310880		1.5	6	0.5	5.7	4	6.4
K310881		1.9	7	0.6	6.6	4	7.1
K310882		1.3	4	0.3	4.1	2	4.8
K310883		1.6	1	0.1	3.6	<2	2.1
K310884		1.8	6	0.6	5.6	7	6.0
K310885		0.6	1	0.1	0.8	16	<0.5
K310886		2.6	9	0.9	9.0	4	9.7
K310887		2.5	16	1.3	9.6	12	17.4
K310888		2.6	17	1.7	10.8	12	16.4
K310889		2.6	19	2.3	10.2	14	18.4
K310890		1.6	23	2.2	8.8	14	22.3
K310891		3.2	24	1.5	16.0	15	22.3
K310892		2.0	91	2.4	19.8	86	98.9
K310893		0.4	3	0.1	0.7	17	<0.5
K310894		1.8	82	2.7	18.5	76	88.0

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CERTIFICATE OF ANALYSIS WH14129368

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61	PUL- 31
PUL- 31d	PUL- QC	WSH- 22	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2014
Account: RCM

CERTIFICATE WH14129369

Project: NADALEEN

P.O. No.: BATCH 14- 030

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

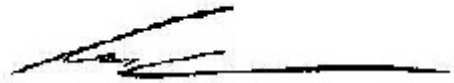
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH14129369

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310895		10.43	<0.01	0.06	5.00	277	170	1.33	0.19	2.73	0.09	56.6	11.3	51	17.05	34.9
K310896		9.33	<0.01	0.07	5.11	224	180	1.50	0.22	2.86	0.13	61.6	10.8	54	20.5	35.4
K310897		8.64	<0.01	0.10	5.96	120.0	230	1.82	0.26	2.02	0.15	68.1	17.6	59	24.8	40.7
K310898		7.20	<0.01	0.07	4.16	114.0	180	1.21	0.18	2.21	0.10	51.4	11.1	44	15.15	32.5
K310899		10.64	<0.01	0.06	2.58	45.4	110	0.60	0.10	2.37	0.05	36.1	11.9	30	7.76	18.8
K310900		7.04	<0.01	<0.01	0.08	0.5	50	0.07	0.03	20.7	0.06	1.32	0.7	<1	0.21	2.4
K310901		10.09	<0.01	0.04	2.07	79.8	110	0.55	0.09	2.63	0.04	28.0	6.2	27	6.42	13.7
K310902		11.45	0.01	0.08	4.51	98.1	190	1.35	0.20	2.05	0.11	55.5	17.4	49	21.2	32.3
K310903		12.72	0.02	0.06	7.53	251	290	2.20	0.29	2.82	0.18	73.0	13.4	68	30.0	41.4
K310904		6.11	<0.01	0.15	7.62	110.5	250	2.34	0.32	1.87	0.11	76.9	18.6	72	35.4	50.0
K310905		9.92	0.34	0.05	7.81	523	220	2.32	0.30	2.89	0.23	69.5	16.8	68	31.9	56.9
K310906		7.34	0.10	0.10	7.47	336	280	2.84	0.23	1.29	0.04	66.8	23.7	82	47.5	60.0
K310907		12.16	0.13	0.06	7.54	256	250	2.76	0.25	1.24	0.03	71.9	24.4	83	49.3	64.0
K310908		10.96	0.50	0.04	7.28	487	260	2.60	0.24	2.85	0.02	69.4	21.9	78	44.4	57.9
K310909		0.26	0.51	0.12	3.59	2540	200	0.73	0.14	18.10	0.11	36.9	10.7	41	9.96	44.1
K310910		11.70	1.19	0.05	6.08	1290	180	2.05	0.25	5.78	0.07	63.3	18.7	57	25.1	54.1
K310911		11.83	0.14	0.02	6.93	467	210	2.20	0.29	5.69	0.09	65.4	17.1	64	25.8	60.1
K310912		6.37	9.59	0.07	5.03	>10000	150	1.42	0.21	8.63	0.23	56.6	18.1	45	17.20	52.2
K310913		7.71	0.17	0.04	4.51	484	140	1.50	0.19	9.41	0.03	50.1	15.4	44	15.45	45.1
K310914		7.79	1.52	0.02	3.35	1040	110	1.15	0.12	15.60	0.04	38.7	12.1	33	10.35	23.1
K310915		5.25	15.80	0.06	5.14	>10000	140	1.49	0.25	0.88	0.34	61.5	22.7	61	16.40	53.1
K310916		7.08	<0.01	0.01	0.05	88.3	30	0.05	0.05	20.4	0.07	1.19	0.7	<1	0.12	1.6
K310917		7.86	5.28	0.03	6.07	5190	180	2.00	0.23	3.34	0.17	61.5	16.2	63	22.9	36.2
K310918		12.60	0.97	0.06	7.76	1415	190	2.89	0.26	1.25	0.11	72.9	26.2	87	37.8	49.1
K310919		5.06	1.32	0.07	7.48	1385	190	2.70	0.28	1.32	0.15	69.3	29.0	84	36.2	51.9
K310920		10.46	1.55	0.14	7.66	>10000	210	2.51	0.27	0.15	0.36	74.8	23.6	98	36.9	52.9
K310921		9.67	5.74	0.14	5.60	>10000	180	1.44	0.25	0.43	0.31	64.8	19.4	68	16.25	43.9
K310922		7.23	5.16	0.27	5.28	>10000	220	1.18	0.27	0.46	0.65	68.8	11.3	63	15.70	37.5
K310923		8.48	0.98	0.10	6.04	1050	190	1.57	0.27	1.89	0.19	72.2	16.3	64	21.4	38.1
K310924		12.62	0.09	0.09	6.88	310	220	2.07	0.32	1.99	0.10	81.2	19.3	69	28.3	42.3
K310925		12.16	1.69	0.04	5.36	2680	230	1.54	0.24	2.57	0.19	69.1	11.7	53	17.05	34.0
K310926		0.26	7.84	0.27	3.89	>10000	190	0.71	0.21	10.40	0.66	48.0	12.9	46	9.48	59.4
K310927		12.25	<0.01	0.06	5.39	1215	220	1.57	0.23	3.19	0.10	68.2	14.5	53	18.70	33.3
K310928		11.86	<0.01	0.04	5.05	4750	210	1.33	0.23	3.84	0.09	67.6	12.2	51	16.85	28.9
K310929		<0.02	<0.01	0.05	4.98	4470	200	1.20	0.21	3.74	0.10	61.2	11.2	49	15.35	25.5
K310930		11.42	<0.01	0.06	4.96	2780	220	1.38	0.22	3.06	0.11	65.0	11.2	49	17.80	30.2

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 17- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310895		3.59	12.35	0.11	2.5	0.36	0.047	2.34	27.5	31.5	1.30	429	0.50	0.03	8.7	22.8
K310896		3.34	13.35	0.13	2.8	0.48	0.056	2.36	30.0	39.1	1.34	426	0.42	0.03	9.7	24.0
K310897		4.56	15.55	0.15	3.2	0.89	0.057	2.64	33.2	46.7	1.08	356	0.52	0.03	10.9	31.8
K310898		3.08	11.00	0.11	2.4	0.67	0.039	1.87	25.2	22.8	0.99	378	0.39	0.02	7.8	21.6
K310899		3.75	6.36	0.08	1.4	0.41	0.017	1.10	17.5	29.6	0.88	488	0.32	0.01	4.3	18.4
K310900		0.50	0.29	0.12	<0.1	<0.01	<0.005	0.03	0.7	1.1	12.45	215	0.06	0.01	0.2	1.6
K310901		2.47	4.96	0.08	1.1	0.31	0.015	0.87	13.6	18.7	0.96	582	0.26	0.01	3.5	11.1
K310902		4.09	12.10	0.12	2.6	0.62	0.043	2.14	27.4	23.0	1.01	333	0.45	0.02	8.5	30.0
K310903		4.34	18.20	0.12	3.3	0.95	0.069	3.71	36.1	15.7	1.66	474	0.80	0.04	12.1	28.9
K310904		5.51	21.2	0.14	3.6	1.75	0.083	3.68	38.5	20.5	1.22	379	1.05	0.04	13.2	40.1
K310905		5.92	20.6	0.15	3.1	3.26	0.069	3.86	34.8	12.1	1.60	760	0.94	0.03	11.6	36.2
K310906		4.09	21.0	0.14	3.1	2.36	0.072	3.71	33.7	17.3	1.00	420	0.26	0.02	9.7	35.8
K310907		5.21	22.0	0.15	2.9	3.24	0.082	3.79	35.8	18.2	0.93	376	0.24	0.03	10.5	38.2
K310908		5.04	20.9	0.15	3.1	4.13	0.076	3.62	34.4	18.5	0.89	544	0.20	0.02	10.3	34.0
K310909		3.00	9.60	0.10	1.8	3.96	0.037	1.74	18.5	9.0	1.40	1170	1.57	0.02	6.1	23.3
K310910		4.66	17.95	0.13	2.6	8.97	0.062	3.03	32.3	11.9	1.53	854	0.63	0.02	9.6	46.3
K310911		4.77	18.85	0.12	2.7	4.26	0.067	3.50	34.0	13.0	2.18	1020	0.81	0.03	10.1	56.1
K310912		4.51	15.00	0.12	2.4	27.2	0.060	2.48	29.1	8.7	1.64	1620	1.87	0.02	7.9	41.5
K310913		3.84	12.75	0.07	2.1	3.84	0.042	2.22	25.5	8.4	1.67	1160	0.75	0.02	6.6	33.4
K310914		2.86	9.11	0.05	1.7	4.48	0.033	1.64	18.4	5.4	1.07	833	0.24	0.02	4.9	19.9
K310915		4.28	15.30	0.11	2.7	25.9	0.044	2.49	30.4	9.6	0.31	136	1.25	0.02	7.5	40.8
K310916		0.49	0.19	0.10	<0.1	0.02	<0.005	0.02	0.6	0.8	12.35	215	0.11	<0.01	0.1	0.9
K310917		4.79	17.65	0.10	2.5	23.2	0.050	3.04	30.5	11.8	0.69	536	0.25	0.02	8.5	30.6
K310918		5.22	22.6	0.14	3.2	8.69	0.063	4.02	34.5	16.5	0.60	268	0.23	0.03	11.0	38.3
K310919		5.12	22.9	0.14	3.2	9.33	0.067	3.92	32.3	16.6	0.59	285	0.20	0.03	11.0	40.7
K310920		4.93	23.2	0.14	2.9	9.8	0.060	3.94	36.2	17.0	0.49	41	0.24	0.03	10.3	35.9
K310921		5.29	16.05	0.10	2.8	11.1	0.040	2.75	31.8	12.3	0.33	83	0.82	0.02	9.0	34.8
K310922		3.98	15.70	0.12	2.9	16.4	0.043	2.57	33.4	13.4	0.31	81	0.99	0.02	9.8	25.5
K310923		4.94	16.80	0.12	3.2	8.66	0.049	3.03	35.4	10.9	0.76	461	1.14	0.03	10.7	31.2
K310924		5.50	19.15	0.11	3.3	4.38	0.075	3.47	40.1	11.8	0.99	470	1.42	0.03	11.4	37.6
K310925		3.49	14.95	0.10	3.0	9.46	0.050	2.64	33.6	11.6	1.01	494	0.51	0.03	9.9	23.9
K310926		3.14	11.75	0.07	2.0	29.8	0.035	1.87	26.5	15.0	0.37	798	4.02	0.02	5.9	27.8
K310927		3.79	14.85	0.09	3.0	1.75	0.052	2.65	33.3	11.3	1.31	479	0.57	0.03	9.9	26.7
K310928		3.15	13.85	0.11	2.9	1.55	0.058	2.49	32.7	12.6	1.45	490	0.58	0.03	9.6	24.1
K310929		3.15	12.40	0.10	2.6	1.56	0.052	2.43	29.7	11.1	1.41	475	0.49	0.03	8.6	21.8
K310930		3.68	13.55	0.11	2.7	1.12	0.047	2.39	31.7	17.4	1.34	483	0.57	0.03	9.0	22.7

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CERTIFICATE OF ANALYSIS WH14129369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310895		550	15.9	105.0	<0.002	2.78	0.52	10.6	1	1.7	124.5	0.63	<0.05	8.6	0.370	1.10
K310896		650	16.7	116.0	<0.002	2.70	0.63	11.6	1	1.8	141.5	0.70	<0.05	9.8	0.388	1.49
K310897		600	40.0	128.0	<0.002	4.24	0.85	13.5	1	2.1	127.5	0.81	0.05	11.2	0.435	3.59
K310898		500	17.3	89.1	<0.002	2.38	0.77	9.6	1	1.8	112.5	0.57	<0.05	8.0	0.335	1.96
K310899		360	37.2	50.8	<0.002	3.21	0.81	5.8	1	0.9	79.8	0.32	<0.05	4.7	0.210	1.42
K310900		170	1.6	1.3	<0.002	0.01	0.05	0.2	<1	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02
K310901		390	14.6	39.0	<0.002	1.61	0.57	4.5	1	0.7	84.9	0.26	<0.05	4.1	0.174	1.61
K310902		450	43.8	104.5	<0.002	3.80	1.27	10.4	1	1.6	73.3	0.62	0.05	8.7	0.345	2.01
K310903		680	20.6	164.5	<0.002	3.80	1.44	15.4	1	2.3	97.1	0.86	<0.05	12.1	0.504	2.60
K310904		470	68.2	179.5	<0.002	5.26	1.06	17.6	1	2.7	93.6	0.95	0.06	13.0	0.498	2.92
K310905		540	16.3	180.5	0.002	5.50	5.59	19.0	1	2.5	106.0	0.81	0.05	11.2	0.495	8.82
K310906		210	23.8	186.5	0.002	3.47	1.46	22.6	1	2.3	82.8	0.70	<0.05	10.3	0.435	6.81
K310907		230	20.6	193.5	0.002	4.83	3.09	22.8	1	2.4	83.6	0.75	0.05	10.7	0.446	10.90
K310908		220	16.3	183.0	<0.002	4.73	3.65	21.8	1	2.4	101.5	0.76	<0.05	10.5	0.446	14.40
K310909		380	9.4	72.9	<0.002	2.52	9.33	8.6	1	1.5	726	0.44	0.06	5.6	0.273	10.25
K310910		460	11.8	157.5	<0.002	4.02	8.08	16.2	1	2.4	123.0	0.69	0.05	9.6	0.371	25.4
K310911		590	7.0	163.5	<0.002	3.71	3.49	16.3	1	2.5	161.5	0.72	0.08	10.0	0.398	10.60
K310912		500	13.0	119.5	0.003	4.33	64.4	15.2	1	2.3	212	0.57	0.10	7.9	0.307	96.4
K310913		390	10.8	108.5	<0.002	2.63	2.70	12.1	<1	1.6	222	0.48	<0.05	6.8	0.285	9.77
K310914		380	7.9	77.6	<0.002	1.77	3.81	9.6	1	1.1	444	0.34	<0.05	5.1	0.214	10.45
K310915		420	14.6	129.0	0.002	7.84	138.5	7.2	2	2.2	61.5	0.55	0.09	8.3	0.327	76.1
K310916		160	1.7	0.9	<0.002	0.02	0.20	0.2	<1	<0.2	53.7	<0.05	<0.05	<0.2	<0.005	0.09
K310917		330	8.8	152.5	0.002	4.69	36.2	15.0	<1	2.1	116.0	0.61	0.05	9.1	0.376	72.5
K310918		260	17.5	193.5	0.002	5.14	14.55	21.3	1	2.5	75.4	0.80	<0.05	10.9	0.479	25.5
K310919		260	18.8	188.0	<0.002	5.10	16.10	21.5	2	2.6	76.5	0.79	<0.05	10.7	0.469	28.9
K310920		210	16.0	191.5	0.002	5.36	36.8	21.3	1	2.4	61.1	0.75	0.05	10.7	0.475	27.9
K310921		370	27.2	127.5	0.002	6.25	56.3	11.5	1	2.2	71.8	0.66	0.08	9.8	0.379	37.5
K310922		480	13.1	121.5	<0.002	4.90	63.5	9.8	1	2.0	74.5	0.70	0.10	10.2	0.389	45.6
K310923		570	23.8	141.5	<0.002	4.91	12.70	15.3	1	2.1	72.6	0.77	<0.05	11.2	0.444	24.3
K310924		570	44.3	159.0	0.002	5.31	3.22	17.1	1	2.4	80.1	0.82	0.06	12.2	0.448	10.25
K310925		540	12.1	121.5	<0.002	2.84	15.10	13.0	1	2.0	79.5	0.73	0.06	10.2	0.383	25.5
K310926		540	18.0	89.9	0.002	3.65	111.5	9.4	2	2.1	459	0.43	0.13	7.3	0.232	69.9
K310927		500	18.2	121.5	<0.002	2.58	6.03	13.0	1	2.0	99.9	0.71	0.05	10.0	0.377	3.48
K310928		460	9.4	108.5	<0.002	1.68	13.30	11.9	1	1.8	118.0	0.70	<0.05	9.7	0.372	2.51
K310929		450	8.5	98.1	<0.002	1.70	11.85	10.8	1	1.7	109.0	0.62	<0.05	8.8	0.359	2.27
K310930		450	9.1	105.5	<0.002	2.44	8.58	11.7	1	1.8	107.0	0.67	<0.05	9.3	0.357	2.13

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129369

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
K310895		1.8	87	2.0	17.1	75	86.3	
K310896		2.2	90	2.3	19.8	88	95.8	
K310897		2.4	102	2.5	20.5	96	106.0	
K310898		1.7	75	2.0	15.8	72	79.3	
K310899		1.0	48	1.1	11.2	46	47.4	
K310900		0.6	1	0.1	0.8	17	0.5	
K310901		0.9	43	0.9	9.4	31	39.3	
K310902		1.9	86	2.4	16.8	73	87.5	
K310903		2.6	121	3.7	22.1	125	117.0	
K310904		2.8	129	1.6	22.2	78	120.0	
K310905		2.2	140	10.5	22.3	144	106.0	
K310906		1.9	151	10.2	19.5	58	98.9	
K310907		1.9	152	9.5	22.3	54	100.0	
K310908		1.9	144	10.8	21.8	59	103.5	
K310909		2.3	73	5.4	15.5	48	63.9	
K310910		2.1	113	11.7	20.2	71	92.0	
K310911		1.9	128	10.8	19.6	71	94.3	
K310912		2.4	99	10.6	22.4	58	78.8	1.200
K310913		1.8	84	8.8	17.3	47	74.1	
K310914		1.9	62	6.3	16.3	34	61.8	
K310915		2.4	101	12.2	16.2	73	81.2	8.99
K310916		1.1	1	0.1	0.7	19	0.5	
K310917		1.8	112	13.7	17.9	71	89.4	
K310918		2.1	153	17.9	22.1	79	109.0	
K310919		2.1	149	18.2	21.2	86	108.5	
K310920		1.9	161	18.4	25.2	64	101.0	1.165
K310921		2.1	104	12.1	19.5	107	98.7	1.395
K310922		2.3	93	12.3	19.4	265	103.0	1.915
K310923		2.4	108	11.4	22.9	94	112.5	
K310924		2.7	120	10.7	23.0	77	117.5	
K310925		2.2	90	12.1	20.4	93	105.5	
K310926		4.6	65	9.5	24.0	139	70.0	3.42
K310927		2.1	89	12.3	20.7	81	104.5	
K310928		2.1	86	14.0	19.1	58	103.5	
K310929		1.9	84	12.8	17.1	59	93.8	
K310930		2.0	84	10.9	18.1	76	97.2	

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VANCOUVER BC V6B 1L8

Finalized Date: 17- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14129369

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	PUL- 31	PUL- 31d	PUL- QC
WSH- 22			

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Finalized Date: 16- SEP- 2014
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CERTIFICATE WH14132982

Project: NADALEEN

P.O. No.: 14- 031

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

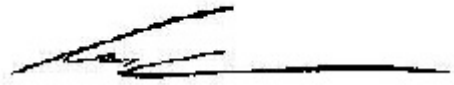
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132982

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310931		10.57	1.83	0.05	5.71	4640	240	1.64	0.25	2.95	0.17	70.3	11.7	57	20.3	36.4
K310932		11.55	0.12	0.05	6.24	541	190	1.93	0.26	1.99	0.09	66.0	16.4	66	30.3	45.8
K310933		11.43	0.51	0.05	5.67	717	290	1.64	0.25	2.80	0.20	71.4	11.8	54	21.9	33.9
K310934		5.72	0.35	0.04	4.95	1725	330	1.27	0.22	3.31	0.15	64.2	10.1	48	13.65	28.1
K310935		7.04	<0.01	0.01	0.05	2.2	20	0.06	0.02	21.0	0.06	1.02	0.7	1	0.14	1.9
K310936		11.84	0.10	0.04	4.93	480	260	1.49	0.21	2.95	0.18	61.4	11.1	50	16.75	30.6
K310937		11.00	<0.01	0.12	6.01	142.0	250	1.89	0.22	1.71	0.04	58.7	15.1	65	28.6	43.2
K310938		9.79	<0.01	0.07	5.63	87.7	190	1.74	0.21	2.05	0.02	58.2	17.0	63	33.7	39.6
K310939		8.05	<0.01	0.05	6.63	421	450	1.85	0.27	2.22	0.02	70.8	17.1	66	30.5	48.7
K310940		0.27	2.50	0.18	3.90	6510	210	1.05	0.14	12.35	0.15	44.5	11.2	45	11.00	37.1
K310941		8.32	0.10	0.05	6.23	1265	190	2.01	0.23	2.39	0.05	62.2	15.8	65	25.8	43.6
K310942		8.14	<0.01	0.05	4.51	118.0	160	1.61	0.13	3.05	0.06	41.9	12.1	53	22.1	32.0
K310943		7.47	<0.01	0.05	3.23	130.5	100	1.10	0.10	6.63	0.03	35.6	8.8	39	13.35	22.2
K310944		7.55	0.01	0.06	5.52	388	160	1.70	0.19	2.75	0.06	55.9	14.8	60	26.7	39.1
K310945		8.32	<0.01	0.07	5.67	135.0	190	1.65	0.20	2.59	0.10	55.6	16.3	66	30.9	40.5
K310946		3.73	<0.01	0.08	5.47	125.0	170	1.63	0.20	2.56	0.08	53.9	15.9	61	30.1	40.8
K310947		8.02	0.06	0.04	8.40	486	310	2.99	0.25	1.54	0.03	76.3	23.4	92	47.7	56.7
K310948		7.58	0.01	0.04	5.97	295	210	2.36	0.19	6.00	0.06	60.8	17.0	60	28.1	41.2
K310949		6.23	<0.01	<0.01	5.81	165.0	230	1.93	0.22	8.54	0.22	60.9	12.1	57	21.9	40.6
K310950		4.72	<0.01	0.01	7.35	228	360	2.48	0.27	4.67	0.04	82.3	23.5	67	35.1	55.6
K310951		4.87	<0.01	0.03	2.88	84.6	950	1.00	0.13	22.3	0.27	33.2	11.3	25	9.38	20.8
K310952		7.53	0.31	0.10	2.44	1570	130	0.76	0.11	25.1	0.07	29.8	8.3	20	7.80	18.1
K310953		7.73	4.65	1.05	4.23	3570	150	1.09	0.21	17.45	0.14	49.3	14.7	34	12.80	31.1
K310954		4.99	<0.01	0.01	0.05	1.7	50	0.05	0.07	20.8	0.07	1.07	0.6	<1	0.13	2.0
K310955		7.66	0.81	0.35	2.89	493	110	0.88	0.13	25.8	0.09	37.8	10.5	22	7.78	23.8
K310956		8.21	2.94	0.98	3.97	6720	130	1.03	0.20	17.15	0.19	47.0	13.4	34	12.20	33.7
K310957		7.52	0.42	0.17	5.21	399	180	1.57	0.25	15.90	0.13	58.4	17.5	44	17.80	40.6
K310958		0.27	7.71	0.28	3.79	>10000	180	0.75	0.18	10.15	0.69	48.3	12.0	45	9.09	57.3
K310959		7.54	2.42	0.66	2.12	670	110	0.60	0.10	28.9	0.13	26.9	7.1	18	5.98	17.3
K310960		7.75	1.56	0.29	5.03	797	170	1.27	0.24	15.95	0.14	60.2	18.6	40	18.05	39.0
K310961		7.74	0.09	0.03	3.38	160.0	120	0.99	0.17	23.9	0.05	42.1	12.8	27	9.68	28.0
K310962		7.54	<0.01	0.03	4.16	165.5	150	1.24	0.19	20.9	0.08	49.8	15.9	34	14.75	33.2
K310963		<0.02	<0.01	0.03	4.20	163.5	150	1.23	0.19	20.6	0.06	49.3	16.0	35	14.75	33.5
K310964		8.26	<0.01	0.01	1.25	69.1	100	0.51	0.07	32.1	0.03	19.35	4.3	10	4.42	11.0
K310965		8.01	0.04	0.03	2.30	150.5	120	0.76	0.09	27.1	0.08	32.3	8.9	20	7.31	22.9
K310966		7.57	0.06	0.01	1.41	182.5	80	0.41	0.07	29.9	0.03	20.8	4.6	13	4.89	12.3

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310931		3.64	14.80	0.25	3.1	4.00	0.058	2.65	32.7	14.0	1.20	453	0.56	0.03	8.9	24.7
K310932		4.88	16.25	0.22	2.8	2.03	0.069	2.85	31.0	15.9	1.10	508	0.45	0.03	8.3	31.0
K310933		4.24	14.30	0.20	2.8	2.42	0.063	2.59	32.9	13.6	1.26	663	0.61	0.03	9.1	24.4
K310934		3.77	12.25	0.19	2.5	3.98	0.053	2.22	29.1	12.2	1.46	735	0.79	0.03	8.2	20.6
K310935		0.49	0.20	0.18	<0.1	<0.01	0.006	0.02	<0.5	1.0	12.90	215	0.08	<0.01	0.1	1.5
K310936		3.92	12.45	0.19	2.4	1.14	0.058	2.28	28.2	12.6	1.38	583	0.84	0.02	7.6	21.3
K310937		4.38	14.85	0.21	2.4	0.95	0.059	2.76	27.8	21.6	1.15	379	0.34	0.03	7.2	28.1
K310938		5.04	14.15	0.18	2.2	0.64	0.047	2.55	27.3	32.7	1.47	458	0.69	0.03	7.0	30.0
K310939		4.76	16.65	0.17	2.8	0.95	0.068	2.99	32.5	28.8	1.32	445	0.37	0.02	8.5	30.6
K310940		3.02	10.15	0.14	2.1	15.7	0.038	1.82	21.8	13.2	2.67	1210	1.87	0.02	5.8	24.6
K310941		4.67	15.70	0.19	2.5	3.42	0.064	2.86	29.2	14.1	1.31	677	0.32	0.02	7.8	28.5
K310942		3.23	11.45	0.15	1.7	1.21	0.046	2.01	19.8	18.6	0.75	394	0.33	0.02	5.0	20.9
K310943		2.95	8.15	0.12	1.4	0.84	0.037	1.46	16.4	11.1	1.08	674	0.29	0.01	3.8	15.9
K310944		4.37	14.40	0.17	2.3	1.68	0.057	2.49	26.2	19.9	1.15	686	0.29	0.02	6.8	26.3
K310945		4.66	14.70	0.16	2.5	1.49	0.061	2.58	26.4	21.3	1.05	465	0.35	0.02	7.3	29.9
K310946		4.54	14.25	0.17	2.3	1.41	0.051	2.47	25.8	22.2	1.04	459	0.35	0.02	7.0	28.5
K310947		5.13	22.7	0.20	3.0	1.74	0.084	4.05	35.0	20.6	1.04	487	0.19	0.03	9.9	33.8
K310948		4.85	15.85	0.18	2.4	0.98	0.062	2.76	28.5	14.8	2.48	1200	0.19	0.03	8.0	35.0
K310949		4.10	15.55	0.18	2.3	0.49	0.060	2.71	28.8	12.9	4.15	1940	0.12	0.03	8.0	43.4
K310950		4.50	21.0	0.23	3.1	0.86	0.076	3.57	39.8	20.4	2.06	1040	0.43	0.04	15.7	41.0
K310951		2.76	7.09	0.12	1.4	1.43	0.043	1.31	17.0	5.9	1.61	807	2.08	0.02	4.0	15.4
K310952		1.92	6.17	0.12	1.1	2.43	0.030	1.13	15.5	5.5	1.16	656	0.60	0.02	3.3	12.2
K310953		2.87	10.95	0.18	2.0	8.57	0.047	1.98	26.0	7.8	1.15	1120	0.74	0.02	5.6	21.0
K310954		0.48	0.20	0.14	<0.1	0.01	<0.005	0.02	0.5	0.8	12.70	212	0.05	0.01	0.1	1.5
K310955		2.16	7.41	0.11	1.3	4.09	0.036	1.36	21.3	5.2	0.90	1180	0.54	0.02	3.9	15.3
K310956		2.79	10.50	0.11	1.9	8.38	0.044	1.88	25.7	9.5	0.86	1260	0.99	0.02	5.7	21.1
K310957		3.60	13.75	0.11	2.6	3.07	0.062	2.55	30.7	10.6	1.23	1040	0.59	0.03	7.6	27.7
K310958		3.01	10.70	0.10	1.8	28.5	0.038	1.80	26.4	15.9	0.36	765	3.60	0.02	5.6	27.9
K310959		1.59	5.51	0.08	1.0	5.49	0.023	1.00	14.4	4.2	0.80	1630	1.24	0.01	3.0	10.9
K310960		3.38	13.20	0.12	2.3	5.45	0.051	2.47	33.4	11.6	1.46	1380	1.19	0.03	7.3	26.3
K310961		2.37	8.94	0.12	1.6	1.70	0.040	1.66	23.6	6.9	1.30	847	0.50	0.02	4.7	17.7
K310962		2.58	11.00	0.13	1.9	1.61	0.050	2.03	28.4	8.8	1.12	739	0.91	0.03	6.0	22.4
K310963		2.59	10.90	0.13	2.0	1.68	0.047	2.06	28.3	8.7	1.11	741	0.99	0.03	6.0	22.7
K310964		0.94	3.27	0.11	0.6	1.06	0.016	0.60	10.4	3.8	0.86	283	0.56	0.02	1.7	6.3
K310965		1.47	5.91	0.14	1.2	1.35	0.025	1.09	17.8	7.2	0.78	508	0.73	0.02	3.3	13.8
K310966		1.33	3.80	0.09	0.7	0.61	0.011	0.66	11.6	3.3	1.38	540	0.91	0.01	2.0	6.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310931		460	12.6	113.5	0.002	2.49	15.90	13.0	1	1.9	99.4	0.65	0.06	10.0	0.390	11.70
K310932		330	16.4	125.0	0.002	4.46	7.19	15.8	1	2.0	96.6	0.65	<0.05	9.6	0.407	4.43
K310933		480	11.4	113.5	<0.002	3.63	5.32	12.7	1	1.9	94.6	0.67	0.06	10.1	0.391	9.40
K310934		470	10.4	93.9	<0.002	2.63	6.08	10.7	1	1.6	122.5	0.59	0.06	8.9	0.353	7.25
K310935		190	1.2	0.8	<0.002	0.01	0.06	0.1	<1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	0.06
K310936		410	15.6	95.7	<0.002	2.99	2.20	11.3	1	1.7	93.9	0.56	0.05	8.5	0.343	4.17
K310937		280	18.9	120.0	0.002	2.88	0.85	15.1	1	1.7	73.4	0.55	<0.05	8.3	0.382	4.00
K310938		350	18.3	116.5	<0.002	1.93	0.72	15.1	1	1.6	81.0	0.51	0.06	7.6	0.356	1.84
K310939		360	15.9	137.0	0.002	3.86	1.08	16.1	1	2.0	109.5	0.66	0.05	9.4	0.412	3.76
K310940		460	11.3	82.2	0.003	2.67	24.6	10.1	1	1.7	335	0.43	0.06	5.9	0.283	45.7
K310941		350	14.5	129.0	<0.002	4.07	6.49	16.3	1	1.9	89.8	0.58	0.05	8.7	0.397	7.85
K310942		260	11.6	90.9	0.002	2.53	0.65	12.3	1	1.6	87.0	0.38	<0.05	5.5	0.262	3.02
K310943		210	8.8	65.5	0.002	1.56	0.69	8.7	<1	1.0	110.5	0.27	<0.05	4.0	0.197	2.73
K310944		260	13.4	119.5	0.002	3.48	2.44	14.7	1	1.7	77.6	0.52	<0.05	7.4	0.354	6.44
K310945		260	16.2	126.5	0.002	3.77	1.22	15.1	1	1.6	81.1	0.52	<0.05	7.8	0.361	7.45
K310946		260	16.2	120.5	<0.002	3.67	1.10	14.5	1	1.7	78.1	0.51	<0.05	7.4	0.345	7.32
K310947		260	15.9	192.0	0.002	4.24	4.06	25.9	1	2.4	83.6	0.75	0.06	10.3	0.496	7.65
K310948		380	9.8	135.5	<0.002	2.82	1.36	14.8	<1	2.0	152.0	0.59	<0.05	8.0	0.368	4.81
K310949		640	4.4	126.0	<0.002	1.98	0.66	13.7	<1	2.1	191.5	0.60	0.05	8.2	0.344	3.40
K310950		680	12.2	142.0	<0.002	3.07	0.78	20.5	1	2.5	177.0	0.99	0.06	10.5	0.491	3.60
K310951		240	26.2	58.1	0.005	1.73	0.84	6.6	<1	1.0	745	0.28	0.08	4.2	0.170	2.66
K310952		270	9.3	52.1	0.003	1.39	9.73	6.1	1	0.8	733	0.24	0.08	3.6	0.139	8.18
K310953		390	13.9	89.8	0.006	2.47	57.0	9.6	1	1.4	420	0.41	0.13	6.5	0.242	49.8
K310954		170	1.4	0.9	<0.002	0.01	0.10	0.1	<1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	0.03
K310955		240	8.4	68.9	0.003	1.76	13.55	8.1	1	1.0	616	0.28	0.08	4.7	0.161	25.2
K310956		320	15.4	98.3	0.004	3.04	55.7	10.0	1	1.4	420	0.41	0.12	6.5	0.231	55.4
K310957		330	20.5	133.0	<0.002	3.27	9.10	12.9	1	1.8	448	0.54	0.12	8.7	0.312	15.05
K310958		550	16.5	92.1	0.002	3.55	108.5	9.2	2	1.9	454	0.41	0.11	7.2	0.225	66.8
K310959		270	10.8	53.1	0.005	1.48	26.5	6.5	1	0.7	768	0.21	0.06	3.4	0.117	32.2
K310960		400	16.8	128.0	0.006	3.17	14.20	13.1	1	1.6	339	0.54	0.10	8.2	0.292	21.9
K310961		400	9.9	81.6	0.003	1.74	1.61	8.7	1	1.1	516	0.34	0.06	5.7	0.191	6.77
K310962		270	12.3	99.4	0.004	2.05	0.75	10.6	1	1.4	508	0.43	0.09	7.0	0.247	9.56
K310963		280	12.4	99.3	0.003	2.07	0.74	10.6	1	1.4	496	0.43	0.06	6.9	0.247	9.34
K310964		160	4.2	29.1	0.002	0.67	0.88	3.3	<1	0.4	1225	0.12	<0.05	2.3	0.070	3.79
K310965		200	8.4	53.1	<0.002	1.10	1.93	6.1	1	0.7	929	0.24	0.05	3.8	0.143	4.62
K310966		150	2.5	28.0	0.002	0.35	1.37	4.0	1	0.5	1015	0.14	<0.05	2.5	0.083	2.27

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VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132982

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K310931		2.2	103	13.9	20.0	76	98.5	
K310932		2.0	121	12.8	19.5	79	90.7	
K310933		2.1	96	9.5	20.7	125	94.7	
K310934		1.9	83	9.0	18.6	90	87.5	
K310935		0.4	1	0.1	0.7	15	<0.5	
K310936		1.8	88	5.8	17.4	125	83.1	
K310937		1.7	123	2.8	16.1	56	78.9	
K310938		1.6	112	1.0	17.4	46	75.6	
K310939		2.0	120	2.2	18.7	49	90.4	
K310940		6.6	88	8.1	19.4	49	71.9	
K310941		1.8	122	6.8	18.2	57	83.4	
K310942		1.3	92	2.2	11.7	53	57.9	
K310943		1.0	64	1.0	11.7	39	44.4	
K310944		1.6	112	2.1	17.0	62	76.2	
K310945		1.9	117	1.4	25.9	72	82.2	
K310946		1.8	113	1.2	16.3	68	78.4	
K310947		2.0	176	5.5	22.6	66	96.7	
K310948		1.7	108	3.3	19.6	101	83.9	
K310949		1.6	95	3.6	20.3	76	107.5	
K310950		2.1	112	2.6	23.4	74	102.0	
K310951		2.0	50	1.3	13.1	234	48.9	
K310952		1.8	41	1.0	11.8	48	41.5	
K310953		2.4	69	2.2	18.5	46	69.2	
K310954		0.7	1	0.1	0.7	15	<0.5	
K310955		2.3	45	1.4	18.5	38	50.8	
K310956		2.4	68	3.5	16.2	76	70.7	
K310957		2.4	87	4.1	18.8	94	91.8	
K310958		4.5	65	8.8	23.3	131	69.1	3.42
K310959		2.2	39	2.0	12.9	33	36.7	
K310960		2.6	86	4.6	18.1	74	86.5	
K310961		2.6	55	1.4	17.0	34	58.1	
K310962		2.9	71	1.4	18.4	56	71.3	
K310963		2.9	72	1.4	18.6	49	71.7	
K310964		2.0	20	0.5	9.8	14	22.2	
K310965		2.7	39	1.2	15.7	25	45.7	
K310966		2.5	24	0.7	13.3	13	26.2	

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132982

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	PUL- 31	PUL- 31d	PUL- QC
WSH- 22			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2014
Account: RCM

CERTIFICATE WH14132981

Project: NADALEEN

P.O. No.: 14- 032

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

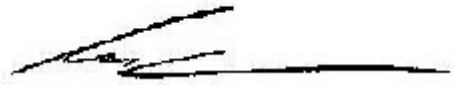
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 19- SEP- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132981

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K310967		7.93	1.59	0.49	6.08	5780	140	0.78	0.04	12.65	0.15	65.0	27.3	25	19.30	34.2
K310968		8.23	0.59	0.19	1.43	2630	110	0.33	0.05	28.9	0.04	18.00	5.1	21	4.05	13.4
K310969		7.90	<0.01	0.01	0.89	81.2	130	0.28	0.05	30.1	0.02	12.50	3.0	17	2.53	9.5
K310970		0.27	7.37	0.28	3.82	>10000	180	0.63	0.18	10.15	0.62	42.5	12.5	54	8.65	57.3
K310971		8.12	<0.01	0.01	0.97	46.9	130	0.36	0.04	32.5	0.03	13.65	3.1	21	3.01	12.2
K310972		8.10	<0.01	0.01	0.63	48.0	110	0.24	0.04	33.1	0.02	9.39	2.3	17	1.86	6.9
K310973		7.84	<0.01	0.02	1.39	67.7	180	0.40	0.07	30.2	0.07	19.35	4.4	20	4.45	13.4
K310974		8.06	<0.01	0.04	4.14	152.0	190	1.11	0.20	17.30	0.11	49.6	13.2	49	15.55	37.5
K310975		6.56	0.19	0.10	0.80	1580	150	0.32	0.04	32.6	0.04	12.75	2.6	8	2.47	7.3
K310976		5.90	2.84	1.60	1.11	>10000	60	0.21	0.08	3.65	0.52	15.55	4.1	14	2.80	13.6
K310977		5.68	0.21	0.31	1.28	913	960	0.35	0.07	32.2	0.06	19.10	4.3	12	4.01	11.7
K310978		5.71	0.04	0.02	0.67	123.5	250	0.23	0.04	34.0	0.04	10.75	2.3	7	1.83	6.9
K310979		7.43	0.21	0.11	0.81	>10000	110	0.24	0.04	31.1	0.07	12.70	3.4	16	1.93	9.3
K310980		<0.02	0.21	0.12	0.81	>10000	110	0.23	0.04	31.7	0.06	13.35	3.4	15	1.93	9.5
K310981		7.62	0.04	0.02	1.19	217	130	0.32	0.05	31.8	0.08	19.15	4.3	16	3.53	11.9
K310982		7.67	0.26	0.09	0.60	587	90	0.22	0.03	33.3	0.05	10.70	2.3	11	1.85	6.5
K310983		7.62	0.51	0.77	0.55	>10000	60	0.14	0.03	32.1	0.10	8.88	2.0	6	1.12	6.0
K310984		3.57	0.47	0.69	0.47	>10000	60	0.15	0.02	31.4	0.07	7.87	1.8	9	0.98	5.5
K310985		5.51	1.18	0.21	1.80	>10000	150	0.32	0.05	23.6	0.10	15.15	4.0	20	1.34	14.8
K310986		4.27	4.68	0.05	2.78	>10000	120	0.52	0.14	12.35	0.22	37.1	9.4	34	6.42	28.0
K310987		5.72	0.07	0.01	0.43	3090	90	0.14	0.02	34.1	0.04	8.20	1.7	10	0.94	9.5
K310988		7.86	1.37	0.03	1.32	>10000	110	0.32	0.07	29.2	0.17	21.4	4.8	20	3.13	13.9
K310989		8.01	1.63	0.02	1.28	>10000	100	0.30	0.07	27.0	0.16	20.1	4.3	18	3.16	13.9
K310990		8.51	0.70	0.01	0.52	>10000	80	0.20	0.03	33.9	0.07	9.93	2.0	11	1.18	5.7
K310991		8.89	5.91	0.02	0.92	>10000	50	0.18	0.06	12.00	0.22	15.60	3.5	11	2.04	11.3
K310992		4.25	7.00	0.02	1.34	>10000	100	0.27	0.07	20.1	0.38	22.7	5.1	16	4.86	16.7
K310993		7.34	7.29	0.05	2.70	>10000	110	0.45	0.13	13.35	0.55	38.3	9.4	30	5.25	27.6
K310994		5.86	10.85	0.52	1.58	>10000	100	0.22	0.08	1.16	1.21	43.8	5.7	25	2.95	20.8
K310995		6.51	7.54	1.94	2.01	>10000	120	0.31	0.08	17.00	0.77	26.8	5.5	22	3.34	17.4
K310996		5.33	<0.01	0.01	0.03	33.8	40	<0.05	0.03	20.0	0.06	0.99	0.6	<1	0.11	1.5
K310997		8.12	7.58	2.97	2.26	>10000	110	0.28	0.10	5.97	1.00	32.0	7.4	29	3.41	24.5
K310998		7.65	10.55	8.27	2.97	>10000	130	0.43	0.17	8.09	1.03	51.9	10.1	33	8.33	36.0
K310999		5.00	0.01	0.01	0.05	59.8	20	0.06	0.02	21.0	0.07	1.14	0.7	<1	0.16	1.2
K311000		8.55	1.61	2.35	0.93	>10000	60	0.19	0.05	21.0	0.81	19.25	3.4	14	1.61	11.6
R501001		8.10	0.30	0.14	0.76	>10000	60	0.21	0.04	33.4	0.11	13.65	2.6	10	1.84	8.2
R501002		0.27	12.10	0.67	4.57	9370	250	0.84	0.20	3.71	0.52	50.2	14.9	59	12.30	61.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K310967		4.83	14.75	0.13	2.7	3.30	0.060	2.63	33.3	13.8	1.46	942	1.45	0.03	43.6	17.9
K310968		1.24	3.59	0.06	0.7	1.04	0.009	0.65	9.0	2.9	0.91	414	0.35	0.01	3.2	6.3
K310969		0.76	2.31	0.05	0.5	0.24	0.005	0.41	6.6	2.9	0.54	233	0.18	0.01	1.3	4.4
K310970		2.93	10.65	0.11	1.8	28.8	0.035	1.73	23.2	14.3	0.36	759	3.49	0.02	5.7	27.4
K310971		0.55	2.63	0.07	0.5	0.37	0.011	0.46	7.1	4.3	0.41	231	0.18	0.01	1.4	4.3
K310972		0.43	1.69	0.08	0.3	0.60	0.009	0.29	4.7	2.9	0.38	152	0.21	0.01	0.9	3.6
K310973		0.93	3.59	0.08	0.7	1.43	0.017	0.67	9.9	4.3	0.57	244	1.08	0.01	2.0	8.0
K310974		2.60	10.60	0.13	1.8	3.56	0.040	1.94	28.9	12.5	1.48	470	1.81	0.03	5.7	22.9
K310975		0.68	2.16	0.08	0.4	1.17	0.008	0.38	6.8	3.2	1.11	473	0.30	0.01	1.1	4.3
K310976		0.89	3.52	0.13	0.6	3.93	0.030	0.58	8.3	14.8	0.11	332	0.51	<0.01	1.8	7.6
K310977		0.85	3.39	0.08	0.6	2.38	0.013	0.62	9.8	5.5	0.35	930	0.58	0.01	1.8	7.3
K310978		0.47	1.82	0.08	0.3	1.27	0.008	0.32	5.6	2.9	0.32	385	0.37	0.01	1.0	3.7
K310979		0.57	2.18	0.08	0.4	2.81	0.009	0.39	6.7	3.4	0.31	363	0.41	0.01	1.2	5.4
K310980		0.57	2.22	0.07	0.4	2.85	0.009	0.39	6.8	3.5	0.30	367	0.42	0.01	1.2	5.5
K310981		0.81	3.09	0.08	0.6	2.76	0.012	0.57	10.0	4.4	0.69	272	0.67	0.01	1.7	6.8
K310982		0.52	1.62	0.08	0.3	1.79	0.006	0.29	5.7	2.6	0.79	514	0.31	0.01	0.8	3.6
K310983		0.43	1.59	0.06	0.3	2.83	0.014	0.26	4.6	4.0	0.17	2360	0.32	0.01	0.8	3.2
K310984		0.38	1.43	0.06	0.2	2.82	0.011	0.23	4.1	3.6	0.16	2500	0.25	0.01	0.7	2.8
K310985		1.08	3.98	0.08	0.4	7.98	0.039	0.49	6.9	8.4	0.34	951	0.40	0.44	1.4	7.5
K310986		1.92	7.74	0.10	1.3	28.3	0.030	1.28	20.0	23.1	0.25	392	1.36	0.01	4.0	16.4
K310987		0.32	1.18	0.06	0.2	3.73	0.011	0.19	3.8	1.8	0.17	574	0.17	0.01	0.6	2.5
K310988		0.86	3.80	0.09	0.7	7.2	0.022	0.64	10.6	4.5	0.21	744	0.71	0.01	1.9	8.2
K310989		0.91	3.52	0.07	0.6	9.79	0.025	0.62	9.7	5.5	0.24	496	0.81	0.01	1.8	7.9
K310990		0.41	1.49	0.06	0.3	3.60	0.014	0.25	4.8	2.8	0.20	505	0.21	0.01	0.8	3.0
K310991		0.74	2.78	0.09	0.5	7.55	0.031	0.47	7.5	9.4	0.12	320	0.52	<0.01	1.4	6.2
K310992		0.98	3.89	0.10	0.7	8.72	0.014	0.63	11.0	14.2	0.18	477	0.69	0.01	1.9	8.5
K310993		1.81	7.60	0.11	1.2	13.2	0.020	1.27	19.9	19.6	0.24	634	1.25	0.01	3.7	16.6
K310994		1.45	4.63	0.14	0.7	19.3	0.009	0.70	19.2	40.0	0.10	133	0.65	0.01	2.1	9.9
K310995		1.32	5.47	0.08	0.9	11.0	0.009	0.92	14.2	19.3	0.22	546	0.66	0.01	2.6	9.6
K310996		0.46	0.13	0.05	<0.1	0.02	<0.005	0.01	0.5	0.9	12.55	203	0.05	<0.01	0.1	1.5
K310997		1.69	6.29	0.11	1.0	13.9	0.010	1.01	16.2	30.9	0.17	255	1.03	0.01	2.8	13.3
K310998		2.51	8.53	0.13	1.6	36.1	0.017	1.31	25.8	21.7	0.21	420	1.67	0.01	4.1	18.2
K310999		0.48	0.18	0.05	<0.1	0.04	<0.005	0.02	0.5	1.1	13.10	217	0.06	<0.01	0.1	1.7
K311000		0.75	2.84	0.08	0.5	6.31	0.013	0.44	9.1	16.9	0.16	807	0.48	<0.01	1.3	5.8
R501001		0.55	2.06	0.06	0.4	8.36	0.012	0.36	6.8	4.7	0.26	395	0.37	0.01	1.1	4.2
R501002		4.40	12.30	0.11	2.1	25.2	0.029	2.13	26.8	18.5	0.33	583	5.31	0.02	6.7	34.6

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
K310967		1580	5.4	104.0	<0.002	3.64	27.3	15.8	1	1.2	496	2.29	0.06	4.8	0.827	14.45
K310968		200	2.6	24.1	<0.002	0.60	11.60	3.5	1	0.3	1465	0.20	0.07	2.0	0.100	4.24
K310969		110	2.2	14.9	<0.002	0.25	0.19	2.4	1	0.2	1755	0.09	<0.05	1.4	0.051	0.56
K310970		520	16.6	80.7	0.002	3.50	102.0	9.0	2	1.8	441	0.41	0.16	6.3	0.223	62.9
K310971		220	2.5	19.2	<0.002	0.34	0.23	2.8	1	0.3	1685	0.10	<0.05	1.5	0.054	0.78
K310972		380	2.7	12.5	<0.002	0.38	0.30	1.7	<1	0.2	1530	0.06	<0.05	1.0	0.035	1.34
K310973		430	5.1	28.3	0.005	0.86	0.35	3.5	1	0.4	1425	0.14	0.05	2.2	0.076	3.28
K310974		230	12.4	81.2	0.004	2.40	0.64	9.9	2	1.2	919	0.41	0.08	6.3	0.237	10.55
K310975		580	2.8	16.3	<0.002	0.59	6.59	2.4	1	0.2	1215	0.08	<0.05	1.4	0.043	4.31
K310976		640	4.5	26.8	0.002	>10.0	1175	1.8	16	0.4	187.5	0.12	0.55	2.0	0.071	11.45
K310977		180	4.7	27.5	0.002	0.97	6.05	4.0	1	0.4	1725	0.13	0.06	2.0	0.071	7.01
K310978		220	2.6	13.9	<0.002	0.48	1.64	1.9	1	0.2	1495	0.07	<0.05	1.1	0.039	3.65
K310979		620	4.1	17.5	<0.002	1.97	10.60	2.0	1	0.3	1420	0.09	0.05	1.4	0.047	6.96
K310980		630	4.2	17.7	<0.002	1.99	10.40	2.1	1	0.3	1425	0.08	0.07	1.5	0.046	7.29
K310981		130	4.5	25.2	<0.002	0.83	2.74	2.8	1	0.3	1585	0.12	0.05	2.1	0.066	6.10
K310982		160	2.8	12.3	<0.002	0.48	3.13	1.8	1	0.2	1335	0.06	<0.05	1.0	0.034	4.40
K310983		190	2.3	13.4	0.002	0.96	41.0	4.5	2	0.2	819	0.06	0.06	0.9	0.032	7.85
K310984		180	2.1	11.3	<0.002	0.96	50.4	4.4	1	<0.2	854	0.05	<0.05	0.8	0.027	7.80
K310985		540	3.7	17.0	<0.002	2.91	12.70	8.4	2	0.3	454	0.11	<0.05	1.5	0.093	13.10
K310986		390	10.3	64.0	0.005	5.16	14.65	5.1	2	1.0	315	0.27	0.06	4.6	0.153	44.1
K310987		620	1.9	8.8	<0.002	0.46	7.02	2.7	1	0.2	1330	<0.05	<0.05	0.7	0.024	6.20
K310988		220	5.2	29.8	<0.002	3.32	78.1	5.5	1	0.5	1045	0.13	0.06	2.4	0.076	17.15
K310989		580	4.9	28.2	0.003	3.94	81.3	4.7	2	0.5	972	0.13	0.08	2.2	0.072	17.70
K310990		410	2.3	11.3	<0.002	1.67	31.3	2.8	1	0.2	1505	0.05	0.06	0.9	0.030	7.23
K310991		380	4.2	22.5	<0.002	>10.0	311	3.2	3	0.4	390	0.10	0.13	1.7	0.057	15.00
K310992		350	5.7	32.9	0.003	3.65	118.0	3.8	2	0.6	1160	0.13	0.09	2.3	0.077	17.05
K310993		300	9.5	64.0	0.004	3.46	91.0	6.4	2	0.9	556	0.26	0.15	4.3	0.149	27.3
K310994		630	10.4	34.0	0.002	3.98	174.0	1.7	3	0.8	161.5	0.15	0.14	3.0	0.089	31.2
K310995		240	8.3	43.3	0.002	1.96	50.3	5.4	1	0.7	732	0.18	0.14	3.0	0.104	20.6
K310996		160	1.3	0.7	<0.002	0.02	0.13	0.1	<1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	0.03
K310997		600	9.5	49.5	0.004	2.70	72.2	3.2	1	0.8	343	0.20	0.11	3.4	0.124	26.8
K310998		490	19.4	62.9	0.004	4.71	205	5.1	3	1.3	323	0.30	0.22	4.9	0.172	87.8
K310999		170	1.1	1.1	<0.002	0.02	0.22	0.2	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.09
K311000		360	4.5	22.4	<0.002	3.10	179.0	5.0	4	0.4	502	0.09	0.10	1.7	0.054	13.55
R501001		290	4.1	15.8	<0.002	1.07	3.53	3.5	1	0.3	727	0.08	0.05	1.3	0.042	10.85
R501002		450	15.5	95.8	0.005	4.34	97.5	7.9	1	2.2	251	0.45	0.14	6.9	0.305	95.0

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132981

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
K310967		1.4	165	5.1	23.9	74	119.5	
K310968		1.8	25	1.1	11.7	16	26.5	
K310969		1.7	15	0.3	9.3	9	15.8	
K310970		3.9	64	8.0	22.5	130	63.1	2.99
K310971		1.8	15	0.4	10.9	14	16.6	
K310972		2.0	10	0.4	7.2	6	11.6	
K310973		2.7	25	0.9	10.6	23	25.4	
K310974		2.7	67	2.0	22.3	69	65.2	
K310975		1.8	13	0.6	11.3	6	14.6	
K310976		2.6	21	1.3	10.2	41	21.2	14.65
K310977		2.5	21	1.2	15.5	15	20.8	
K310978		2.0	12	0.8	9.9	5	11.8	
K310979		2.8	14	1.0	10.5	10	14.9	2.65
K310980		2.9	14	1.0	10.8	10	14.9	2.63
K310981		2.3	19	1.2	13.6	19	19.9	
K310982		1.7	10	0.7	11.0	7	10.4	
K310983		1.6	11	1.1	11.5	9	9.3	0.967
K310984		1.4	9	1.0	11.5	6	8.4	1.090
K310985		1.8	31	1.3	16.6	22	15.4	4.29
K310986		4.5	50	4.6	37.7	41	44.8	5.62
K310987		1.8	8	0.8	12.0	3	8.5	
K310988		2.9	24	1.9	14.2	22	22.9	4.40
K310989		2.6	24	1.9	14.1	20	23.8	4.85
K310990		1.9	10	1.0	11.9	6	10.1	2.22
K310991		2.5	19	1.4	18.7	19	16.5	12.50
K310992		4.4	24	2.2	18.8	33	24.4	4.81
K310993		4.2	48	4.2	28.8	58	42.7	2.80
K310994		4.2	29	3.0	19.9	110	24.0	5.02
K310995		3.6	36	2.6	15.2	63	31.9	0.955
K310996		0.8	2	0.1	0.7	16	<0.5	
K310997		4.9	40	3.1	15.3	77	34.3	1.680
K310998		5.1	57	5.2	20.4	108	50.5	3.63
K310999		0.4	2	0.1	0.8	17	<0.5	
K311000		2.5	17	1.7	15.5	51	17.5	4.38
R501001		2.4	13	1.4	14.0	22	13.1	0.955
R501002		3.9	86	5.7	20.1	76	74.7	

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Finalized Date: 19- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132981

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	PUL- 31	PUL- 31d	PUL- QC
WSH- 22			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 26- SEP- 2014
Account: RCM

CERTIFICATE WH14139745

Project: RCM_WH14132981

P.O. No.: 14- 032

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Re- analysis results for samples originally reported on certificate WH14132981***

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 26- SEP- 2014
Account: RCM

Project: RCM_WH14132981

CERTIFICATE OF ANALYSIS WH14139745

Sample Description	Method Analyte Units LOR	Au- AA26 Au ppm 0.01
K310967		1.74
K310968		0.65
K310969		<0.01
K310970		7.77
K310971		0.01
K310972		<0.01
K310973		<0.01
K310974		<0.01
K310975		0.20
K310976		2.93
K310977		0.21
K310978		0.05
K310979		0.20
K310980		0.21
K310981		0.03
K310982		0.29
K310983		0.56
K310984		0.56
K310985		1.27
K310986		4.89
K310987		0.08
K310988		1.42
K310989		1.72
K310990		0.77
K310991		6.17
K310992		7.22
K310993		7.47
K310994		11.15
K310995		8.31
K310996		<0.01
K310997		8.39
K310998		11.70
K310999		0.01
K311000		1.55
R501001		0.32
R501002		12.60

Comments: ***Re- analysis results for samples originally reported on certificate WH14132981***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RCM_WH14132981

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 26- SEP- 2014
Account: RCM

CERTIFICATE OF ANALYSIS WH14139745

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26 FND- 02

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2014
Account: RCM

CERTIFICATE WH14132980

Project: NADALEEN

P.O. No.: 14- 033

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132980

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
R501003		7.79	0.08	0.02	0.40	1165	80	0.13	0.03	34.3	0.04	7.74	1.5	5	1.01	7.3
R501004		8.15	0.01	0.02	0.54	121.0	70	0.14	0.04	34.0	0.06	10.45	2.0	5	1.47	6.5
R501005		0.27	2.53	0.16	3.78	5770	200	0.86	0.15	12.00	0.14	39.1	11.5	43	10.30	35.8
R501006		8.16	<0.01	0.01	0.41	87.0	90	0.15	0.03	34.2	0.04	7.22	1.5	4	1.00	4.4
R501007		7.73	<0.01	0.01	0.53	98.1	120	0.16	0.04	34.0	0.03	9.13	1.9	5	2.04	5.4
R501008		7.93	0.01	0.01	0.46	142.0	90	0.14	0.03	34.6	0.03	7.92	1.7	5	1.13	4.6
R501009		3.67	0.01	0.02	0.49	115.5	90	0.13	0.04	34.4	0.04	8.20	1.6	5	1.20	4.8
R501010		8.01	<0.01	0.01	0.48	150.5	110	0.14	0.03	34.3	0.05	8.24	1.7	7	1.09	4.8
R501011		7.18	<0.01	0.01	0.47	199.0	100	0.13	0.04	34.6	0.03	8.46	1.7	5	1.06	4.5
R501012		7.50	0.02	0.02	1.23	228	100	0.28	0.08	32.0	0.20	20.0	4.1	12	2.52	11.5
R501013		8.10	<0.01	0.01	0.58	108.5	90	0.23	0.04	34.6	0.03	10.75	2.0	6	2.06	5.8
R501014		4.42	0.11	0.04	0.98	453	100	0.29	0.06	32.0	0.08	18.30	3.3	10	2.48	9.2
R501015		4.56	2.74	2.10	1.56	>10000	60	0.24	0.12	16.30	0.24	24.6	5.9	20	3.43	21.2
R501016		5.00	<0.01	<0.01	0.04	32.8	30	0.05	0.02	19.80	0.08	1.04	0.6	1	0.13	1.1
R501017		7.55	0.26	0.13	1.24	1680	90	0.27	0.07	29.9	0.10	20.2	4.6	14	3.40	17.0
R501018		8.05	0.18	0.06	1.31	563	90	0.27	0.08	30.3	0.06	18.80	4.8	14	3.60	15.3
R501019		8.27	0.32	0.12	1.13	859	70	0.29	0.08	30.3	0.06	16.85	4.4	12	3.09	16.1
R501020		8.17	0.40	0.18	1.28	320	130	0.27	0.07	30.4	0.09	19.20	4.6	15	4.56	17.0
R501021		<0.02	0.39	0.17	1.27	321	110	0.37	0.07	30.1	0.09	19.75	4.6	15	4.52	16.9
R501022		8.06	0.14	0.06	2.47	768	100	0.54	0.13	25.8	0.14	31.0	8.8	31	9.94	32.7
R501023		8.03	0.12	0.16	1.70	321	100	0.43	0.10	31.0	0.08	22.6	5.8	20	6.93	21.5
R501024		8.07	3.48	0.78	1.65	2870	80	0.36	0.08	27.8	0.13	22.8	5.8	19	4.73	21.6
R501025		7.98	0.14	0.05	0.69	249	60	0.22	0.05	33.2	0.06	11.85	2.7	8	2.09	9.7
R501026		8.13	0.43	0.17	4.31	576	150	0.81	0.17	19.15	0.36	43.3	16.7	53	11.80	57.5
R501027		7.49	0.20	0.16	1.94	434	110	0.51	0.11	27.4	0.10	31.5	7.1	22	5.36	27.9
R501028		0.27	0.49	0.09	3.57	2540	200	0.91	0.13	18.00	0.13	37.6	10.2	42	9.56	40.8
R501029		7.88	0.10	0.04	1.10	179.0	70	0.32	0.07	23.7	0.05	14.40	3.9	11	3.56	14.8
R501030		7.43	0.06	0.01	0.33	125.0	30	0.14	0.03	25.0	0.07	6.77	1.4	3	0.74	4.6
R501031		7.19	<0.01	0.01	0.29	23.2	130	0.17	0.03	34.9	0.06	5.83	1.2	3	0.98	4.0
R501032		7.30	<0.01	0.01	0.40	29.3	180	0.16	0.03	35.1	0.09	7.27	1.6	4	1.54	5.2
R501033		7.27	0.13	0.03	0.40	2140	100	0.17	0.03	34.4	0.07	7.53	1.4	4	1.33	4.6
R501034		7.36	0.23	0.11	0.48	548	90	0.18	0.03	35.6	0.11	10.15	1.9	5	1.43	6.0
R501035		7.34	0.17	0.06	0.37	587	110	0.19	0.03	36.4	0.07	7.58	1.3	3	0.99	4.5
R501036		7.40	0.12	0.02	0.55	252	110	0.19	0.04	34.6	0.06	11.40	2.0	5	2.04	6.6
R501037		7.49	0.17	0.03	0.45	318	90	0.19	0.03	34.3	0.05	9.15	1.6	5	1.52	5.3
R501038		5.08	<0.01	<0.01	0.06	2.7	20	0.06	0.03	21.6	0.07	1.45	0.6	<1	0.24	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501003		0.35	1.08	0.08	0.2	5.60	0.007	0.19	3.8	2.0	0.37	318	0.34	0.01	0.6	2.1
R501004		0.42	1.46	0.09	0.3	4.46	0.008	0.27	5.5	2.1	0.29	235	0.34	0.01	0.8	3.0
R501005		2.90	9.40	0.10	1.9	16.8	0.032	1.84	20.5	11.0	2.57	1170	1.73	0.02	5.6	25.8
R501006		0.31	1.03	0.09	0.2	3.16	0.006	0.19	3.6	1.4	0.27	262	0.20	0.01	0.5	2.0
R501007		0.40	1.40	0.09	0.3	3.76	0.007	0.26	4.8	2.1	0.26	255	0.28	0.01	0.7	2.7
R501008		0.35	1.24	0.13	0.2	3.94	0.009	0.22	4.2	1.8	0.22	403	0.23	0.01	0.6	2.4
R501009		0.37	1.23	0.11	0.3	3.85	0.008	0.24	4.3	1.8	0.22	417	0.21	0.01	0.6	2.3
R501010		0.36	1.25	0.12	0.2	3.12	0.008	0.23	4.4	1.7	0.21	368	0.28	0.01	0.6	3.4
R501011		0.38	1.27	0.13	0.2	3.15	0.008	0.22	4.5	1.7	0.35	330	0.24	0.01	0.6	2.4
R501012		0.84	3.24	0.12	0.6	6.17	0.015	0.61	10.5	3.6	0.46	418	0.65	0.01	1.7	6.7
R501013		0.44	1.57	0.12	0.3	4.13	0.008	0.28	5.9	2.0	0.30	311	0.35	0.01	0.8	3.2
R501014		0.67	2.50	0.11	0.5	5.45	0.013	0.48	10.0	3.2	0.31	467	0.51	0.01	1.3	5.4
R501015		2.10	4.15	0.11	0.8	43.9	0.023	0.73	12.2	21.1	0.20	826	1.07	0.01	2.2	10.8
R501016		0.45	0.14	0.14	<0.1	0.02	0.007	0.01	0.5	0.8	12.05	202	0.17	<0.01	0.1	1.4
R501017		0.94	3.32	0.15	0.6	10.90	0.016	0.60	9.3	6.6	0.25	704	0.75	0.01	1.8	8.5
R501018		0.91	3.24	0.13	0.6	7.70	0.013	0.64	8.8	5.4	0.38	778	0.54	0.01	1.9	8.7
R501019		0.83	2.95	0.12	0.6	7.26	0.025	0.55	8.0	5.1	0.63	1060	0.82	0.01	1.6	8.4
R501020		0.92	3.26	0.11	0.6	5.93	0.015	0.63	9.0	6.1	0.43	392	0.77	0.01	1.7	9.1
R501021		0.91	3.33	0.14	0.7	5.94	0.017	0.62	9.1	6.2	0.43	389	0.77	0.01	1.8	9.2
R501022		1.67	6.16	0.12	1.2	12.6	0.030	1.18	14.5	8.9	0.78	586	1.14	0.02	3.5	17.8
R501023		1.13	4.07	0.12	0.8	7.50	0.018	0.82	10.2	6.1	0.77	516	0.93	0.02	2.3	11.2
R501024		1.29	4.01	0.11	0.8	6.83	0.020	0.78	10.2	6.1	0.68	3780	0.86	0.01	2.2	11.3
R501025		0.72	1.79	0.10	0.4	3.19	0.008	0.33	5.4	2.4	0.66	617	0.55	0.01	1.1	5.0
R501026		2.80	11.20	0.20	2.1	10.5	0.038	1.97	19.6	11.7	0.74	719	1.35	0.02	6.2	30.4
R501027		1.47	5.06	0.17	1.0	4.91	0.022	0.89	12.1	6.4	1.23	727	1.22	0.01	2.7	14.7
R501028		2.98	9.15	0.18	1.7	3.84	0.032	1.63	17.7	9.2	1.40	1180	1.44	0.02	5.6	22.5
R501029		1.51	2.92	0.16	0.5	2.54	0.017	0.51	6.3	4.3	6.88	830	0.67	0.01	1.5	7.7
R501030		1.41	0.93	0.13	0.2	1.50	0.007	0.14	2.9	1.5	8.43	921	0.14	0.01	0.5	2.2
R501031		0.23	0.87	0.15	0.1	0.33	<0.005	0.13	2.5	1.7	0.50	91	0.15	0.01	0.4	1.7
R501032		0.34	1.15	0.17	0.2	0.38	<0.005	0.18	3.3	2.0	0.65	74	0.23	0.01	0.6	2.5
R501033		0.31	1.11	0.15	0.2	0.68	0.010	0.18	3.3	2.0	0.56	1050	0.16	0.01	0.5	2.1
R501034		0.36	1.39	0.14	0.2	1.22	0.008	0.23	4.4	2.7	0.44	1140	0.23	0.01	0.7	3.0
R501035		0.28	1.07	0.17	0.2	0.79	0.005	0.17	3.3	2.0	0.37	1020	0.23	0.01	0.5	2.3
R501036		0.39	1.46	0.16	0.3	1.06	0.010	0.26	5.1	2.8	0.46	391	0.26	0.01	0.7	3.1
R501037		0.39	1.21	0.16	0.2	0.86	0.007	0.21	4.0	2.5	1.29	590	0.22	0.01	0.6	2.5
R501038		0.49	0.28	0.24	<0.1	<0.01	0.007	0.03	0.6	1.2	13.10	220	0.06	<0.01	0.2	1.5

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
R501003		550	5.1	8.8	<0.002	0.43	0.65	1.2	<1	0.2	1130	<0.05	<0.05	0.8	0.024	6.10
R501004		100	4.5	12.4	0.002	0.42	0.28	1.8	<1	0.2	1155	0.06	<0.05	1.0	0.031	5.01
R501005		430	10.7	82.4	<0.002	2.56	21.7	10.0	1	1.5	319	0.43	<0.05	6.1	0.272	42.2
R501006		340	2.2	8.5	<0.002	0.29	0.31	1.4	<1	<0.2	1410	<0.05	<0.05	0.7	0.023	4.00
R501007		260	2.5	12.1	0.002	0.38	0.45	1.8	1	0.2	1620	0.05	<0.05	1.0	0.029	5.13
R501008		190	3.2	10.5	<0.002	0.33	0.48	1.6	<1	0.2	1470	0.05	<0.05	0.9	0.026	5.04
R501009		200	4.0	10.8	<0.002	0.36	0.78	1.7	<1	0.2	1460	0.05	<0.05	0.9	0.027	5.07
R501010		170	2.0	10.5	<0.002	0.35	0.64	1.5	1	0.2	1565	0.05	<0.05	0.8	0.025	4.39
R501011		220	2.1	10.4	<0.002	0.36	0.97	1.4	1	<0.2	1415	0.05	<0.05	0.9	0.026	5.08
R501012		140	4.8	27.6	0.002	0.91	2.55	2.8	1	0.4	1120	0.12	<0.05	2.3	0.066	10.30
R501013		140	2.5	13.2	<0.002	0.43	0.42	1.7	<1	0.2	1325	0.06	<0.05	1.1	0.033	5.90
R501014		90	4.2	21.6	<0.002	0.73	1.77	2.5	<1	0.3	1305	0.09	<0.05	1.9	0.054	8.91
R501015		920	15.2	35.5	0.002	3.85	69.9	4.1	1	0.7	326	0.15	0.06	2.8	0.088	104.0
R501016		150	1.2	0.9	<0.002	0.01	0.09	0.2	<1	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	0.10
R501017		1040	5.8	29.0	0.003	1.07	13.00	4.8	1	0.5	1330	0.13	<0.05	2.1	0.078	24.5
R501018		830	5.5	28.9	0.003	0.97	4.36	4.0	1	0.4	1205	0.14	<0.05	2.2	0.083	15.10
R501019		1050	6.1	26.5	0.004	0.86	7.78	3.9	<1	0.4	893	0.13	<0.05	1.9	0.064	16.00
R501020		1070	4.7	29.3	0.005	0.96	6.10	3.9	1	0.4	1660	0.14	<0.05	2.0	0.082	12.60
R501021		1080	4.7	29.3	0.004	0.94	6.05	4.0	1	0.4	1655	0.13	<0.05	2.1	0.080	12.50
R501022		1040	9.6	51.9	0.009	1.57	2.55	7.0	1	0.8	995	0.27	<0.05	3.8	0.174	19.55
R501023		1180	5.8	36.2	0.003	1.05	4.22	4.1	1	0.5	1350	0.18	<0.05	2.6	0.106	14.85
R501024		1200	6.2	35.2	0.005	1.41	22.0	5.0	1	0.5	951	0.17	0.07	2.4	0.110	21.4
R501025		940	3.1	14.8	0.002	0.54	3.56	2.0	<1	0.2	1315	0.09	<0.05	1.1	0.042	8.85
R501026		1100	14.7	83.0	0.006	3.01	13.15	8.9	1	1.2	803	0.41	0.06	5.2	0.402	26.7
R501027		1470	13.0	38.3	0.009	1.25	4.99	5.1	2	0.6	1280	0.20	0.05	2.8	0.120	11.90
R501028		380	8.4	72.0	0.002	2.49	8.94	8.8	1	1.3	712	0.38	0.07	4.8	0.269	10.10
R501029		680	10.6	19.9	0.003	0.77	2.53	3.0	1	0.4	673	0.11	<0.05	1.6	0.072	6.19
R501030		250	4.3	5.4	0.002	0.27	2.42	1.1	<1	<0.2	569	<0.05	<0.05	0.5	0.020	3.95
R501031		230	3.1	5.4	<0.002	0.20	0.39	0.9	<1	<0.2	1995	<0.05	<0.05	0.5	0.017	0.82
R501032		360	2.5	7.5	0.002	0.28	0.28	1.1	<1	0.2	1940	<0.05	<0.05	0.7	0.024	1.28
R501033		400	1.7	7.2	0.002	0.36	6.56	1.1	<1	<0.2	1695	<0.05	<0.05	0.7	0.022	1.75
R501034		580	2.3	9.4	<0.002	0.41	3.67	1.3	1	0.2	1660	0.05	<0.05	0.9	0.028	2.81
R501035		280	2.0	6.9	<0.002	0.30	3.30	1.1	<1	<0.2	1840	<0.05	<0.05	0.7	0.020	1.76
R501036		120	3.1	10.3	0.002	0.41	2.11	1.7	<1	0.2	1715	0.06	<0.05	1.0	0.032	2.11
R501037		220	7.3	8.4	<0.002	0.35	3.16	1.3	<1	<0.2	1485	<0.05	<0.05	0.8	0.026	1.88
R501038		210	1.2	1.5	<0.002	<0.01	0.05	0.2	<1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	0.03

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132980

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
R501003		2.3	6	0.8	10.2	4	7.5	
R501004		2.1	9	1.0	10.7	12	9.5	
R501005		6.4	81	7.6	17.1	46	63.4	
R501006		1.7	6	0.7	7.9	5	7.5	
R501007		2.0	8	1.0	9.7	6	9.1	
R501008		1.5	7	0.9	8.2	4	8.2	
R501009		1.6	8	1.0	8.4	4	8.2	
R501010		1.8	8	0.8	9.7	11	8.8	
R501011		1.9	8	0.9	9.5	3	8.2	
R501012		2.5	19	2.0	12.6	60	20.5	
R501013		1.9	9	1.0	11.2	2	10.1	
R501014		2.4	14	1.5	12.7	26	15.5	
R501015		3.4	30	3.1	16.4	38	27.4	3.63
R501016		0.6	1	0.1	0.7	17	0.5	
R501017		3.4	24	2.6	16.0	17	22.8	
R501018		2.8	23	2.5	11.8	18	21.6	
R501019		2.7	22	2.1	14.6	10	18.6	
R501020		2.8	27	2.2	14.4	16	21.0	
R501021		2.9	26	2.3	14.8	16	22.0	
R501022		3.2	52	5.3	20.1	27	39.7	
R501023		3.3	35	3.0	14.1	8	29.2	
R501024		2.9	36	3.2	19.1	18	27.1	
R501025		2.0	15	1.2	9.4	5	13.4	
R501026		3.5	100	14.4	23.1	57	69.9	
R501027		3.9	43	3.5	22.2	8	34.4	
R501028		2.0	73	5.0	15.8	49	60.2	
R501029		1.9	24	2.0	11.3	3	18.6	
R501030		1.3	6	0.5	6.6	12	6.3	
R501031		1.3	5	0.3	5.5	4	5.3	
R501032		1.6	7	0.3	6.7	6	7.7	
R501033		1.5	7	0.5	6.9	4	6.6	
R501034		2.5	8	0.7	9.4	7	8.5	
R501035		1.5	7	0.6	7.0	5	6.6	
R501036		2.0	10	0.9	9.3	6	8.4	
R501037		1.6	9	0.6	8.1	2	7.1	
R501038		0.8	2	0.1	0.8	18	<0.5	

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132980

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	SPL- 21	SPL- 21d	WEI- 21
WSH- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62	PUL- 31	PUL- 31d	PUL- QC
WSH- 22			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2014
Account: RCM

CERTIFICATE WH14134317

Project: NADALEEN

P.O. No.: BATCH 14- 034

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

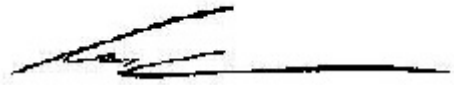
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14134317

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
R501039		7.63	0.14	0.05	0.19	142.5	20	0.06	0.06	22.0	0.02	4.11	0.9	2	0.30	3.8
R501040		7.67	0.13	0.04	1.18	163.0	100	0.35	0.08	25.4	0.07	17.30	4.4	11	3.96	14.3
R501041		7.30	0.04	0.02	0.49	47.2	90	0.17	0.05	32.9	0.05	9.60	2.0	5	1.33	5.8
R501042		7.29	0.02	0.01	0.29	37.1	680	0.15	0.03	34.2	0.04	6.00	1.5	3	0.77	4.8
R501043		7.51	0.53	0.04	0.32	266	80	0.10	0.03	26.5	0.04	7.34	1.4	3	0.57	5.0
R501044		7.99	0.04	0.05	1.19	124.0	170	0.24	0.07	30.7	0.05	17.35	4.4	12	2.70	14.5
R501045		7.59	0.05	0.03	0.54	126.0	50	0.25	0.04	22.6	0.02	10.45	2.2	6	1.33	11.9
R501046		0.26	2.53	0.18	3.72	6130	200	0.91	0.15	11.75	0.16	39.5	11.3	42	10.05	36.3
R501047		7.92	0.03	0.03	0.53	103.0	60	0.19	0.05	21.6	0.02	10.95	2.2	5	1.34	8.1
R501048		7.62	0.01	0.02	0.77	61.1	160	0.26	0.05	31.1	0.07	12.65	3.1	8	2.30	10.3
R501049		7.39	<0.01	0.01	0.43	27.0	170	0.17	0.04	34.2	0.07	8.41	2.0	5	1.24	7.0
R501050		7.45	<0.01	0.02	0.52	34.2	130	0.27	0.04	34.2	0.08	9.20	2.1	6	1.69	7.2
R501051		7.54	<0.01	0.01	0.54	64.4	110	0.14	0.04	34.1	0.04	8.42	2.4	6	1.49	9.7
R501052		3.59	<0.01	0.01	0.44	50.3	100	0.20	0.04	34.3	0.04	7.86	2.1	4	1.22	6.2
R501053		8.25	<0.01	0.02	0.83	95.8	120	0.29	0.05	30.8	0.04	13.20	3.4	8	2.52	11.4
R501054		8.22	0.29	0.02	0.37	783	30	0.16	0.03	22.6	0.24	6.70	1.7	4	0.82	6.7
R501055		5.03	<0.01	<0.01	0.05	0.6	20	0.06	0.03	20.5	0.05	1.11	0.9	<1	0.12	1.9
R501056		8.25	0.10	0.02	0.62	178.0	60	0.20	0.04	24.1	0.05	9.57	2.5	6	1.22	8.8
R501057		8.29	0.01	<0.01	0.22	54.3	30	0.11	0.03	22.0	<0.02	4.73	1.1	2	0.35	3.4
R501058		8.12	<0.01	0.02	0.44	48.5	50	0.20	0.03	22.7	<0.02	7.02	1.9	4	0.87	6.1
R501059		8.15	<0.01	0.05	2.03	62.0	130	0.61	0.12	27.0	0.07	23.5	8.3	25	6.56	27.9
R501060		7.96	<0.01	0.05	1.51	30.5	120	0.57	0.09	29.5	0.12	22.2	6.2	17	5.46	23.1
R501061		8.13	<0.01	0.04	1.09	16.2	130	0.38	0.06	31.8	0.11	16.60	5.0	15	3.52	16.1
R501062		<0.02	<0.01	0.03	1.06	15.9	120	0.31	0.07	31.9	0.09	16.25	4.9	14	3.45	15.5
R501063		8.07	<0.01	0.04	1.46	17.7	100	0.47	0.06	28.8	0.16	17.05	6.9	22	5.49	21.3
R501064		7.41	<0.01	0.08	2.88	24.7	170	0.91	0.15	23.9	0.18	36.3	11.2	35	11.55	38.1
R501065		8.34	<0.01	0.11	3.16	23.8	290	0.97	0.16	22.0	0.28	40.4	11.9	37	12.55	44.4
R501066		8.78	<0.01	0.13	4.85	35.5	540	1.46	0.22	14.40	0.37	51.0	18.6	61	20.5	65.5
R501067		4.57	<0.01	0.11	5.17	58.6	520	1.27	0.23	11.10	0.38	54.3	21.0	73	21.6	70.1
R501068		7.55	0.04	0.06	2.02	37.8	380	0.57	0.10	26.6	0.16	26.4	7.9	24	7.39	27.9
R501069		3.77	<0.01	0.05	1.50	16.3	130	0.47	0.08	29.8	0.16	22.2	6.0	17	6.76	20.7
R501070		7.65	<0.01	0.06	2.07	18.0	210	0.58	0.11	27.0	0.21	28.7	7.6	24	8.66	26.3
R501071		5.07	<0.01	<0.01	0.05	0.2	20	0.07	0.03	20.9	0.06	1.20	1.0	<1	0.13	2.4
R501072		7.66	0.01	0.07	2.57	8.2	210	0.72	0.14	25.3	0.29	32.0	9.8	30	11.70	34.3
R501073		0.26	0.49	0.10	3.61	2580	200	0.95	0.14	18.50	0.13	39.1	11.6	40	10.20	43.1
R501074		8.19	<0.01	0.10	4.07	15.6	290	1.17	0.19	17.85	0.42	44.5	16.3	52	16.55	56.7

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14134317

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501039		0.73	0.61	0.12	0.1	0.48	0.005	0.08	1.8	1.6	11.45	819	<0.05	0.02	0.3	0.9
R501040		0.92	3.29	0.10	0.6	1.96	0.013	0.58	8.7	5.8	5.30	512	0.36	0.01	1.7	6.9
R501041		0.41	1.45	0.09	0.2	0.67	0.008	0.24	4.5	2.6	1.35	201	0.10	0.01	0.7	2.6
R501042		0.29	0.93	0.13	0.2	0.48	<0.005	0.14	2.9	1.6	0.77	201	<0.05	0.01	0.4	1.4
R501043		1.23	0.97	0.06	0.2	1.20	0.008	0.14	3.3	1.5	6.08	1130	<0.05	0.01	0.4	1.7
R501044		0.83	3.38	0.09	0.6	1.99	0.012	0.59	8.6	3.9	1.20	283	0.46	0.01	1.7	7.0
R501045		0.96	1.66	0.10	0.3	1.13	<0.005	0.25	5.0	2.8	10.55	663	0.16	0.01	0.8	3.3
R501046		2.88	10.25	0.12	1.9	15.3	0.040	1.78	19.6	13.1	2.56	1160	1.87	0.02	5.6	25.6
R501047		1.24	1.60	0.12	0.3	0.86	0.008	0.23	5.0	2.7	10.45	1020	0.15	0.01	0.8	3.6
R501048		0.78	2.20	0.10	0.4	0.86	0.008	0.38	6.0	3.9	1.57	290	0.10	0.01	1.2	4.7
R501049		0.32	1.31	0.09	0.2	0.44	0.006	0.21	4.0	2.6	0.53	114	0.17	0.01	0.7	2.8
R501050		0.42	1.59	0.13	0.2	0.53	0.008	0.25	4.3	3.3	0.86	182	0.15	0.02	0.7	3.1
R501051		0.40	1.60	0.07	0.3	0.73	0.005	0.26	4.0	2.5	0.75	143	0.21	0.02	0.8	3.3
R501052		0.34	1.35	0.09	0.3	0.56	0.006	0.22	3.6	2.3	0.73	136	0.15	0.02	0.6	2.3
R501053		0.64	2.43	0.10	0.4	1.05	0.010	0.41	6.2	3.8	2.53	229	0.34	0.02	1.2	5.3
R501054		1.19	1.15	0.07	0.2	3.41	0.007	0.17	3.1	2.0	10.55	892	0.13	0.01	0.6	2.3
R501055		0.48	0.28	0.19	<0.1	<0.01	<0.005	0.02	0.5	0.9	12.70	214	0.23	<0.01	0.1	1.6
R501056		0.94	1.89	0.13	0.3	1.20	0.009	0.30	4.4	2.5	8.36	667	0.40	0.01	0.9	4.3
R501057		0.72	0.81	0.15	0.1	0.23	<0.005	0.10	2.1	1.2	11.30	582	0.15	0.01	0.3	1.4
R501058		0.88	1.36	0.17	0.2	0.34	0.007	0.18	3.0	2.2	9.97	554	0.24	0.01	0.6	2.9
R501059		1.67	5.71	0.10	1.1	0.37	0.017	0.95	10.6	8.1	3.10	350	0.91	0.02	2.9	15.1
R501060		1.18	4.32	0.11	0.8	0.14	0.016	0.73	9.9	7.4	1.07	267	0.98	0.02	2.3	12.4
R501061		1.00	3.25	0.06	0.6	0.08	0.011	0.52	7.5	4.4	0.82	482	0.70	0.01	1.6	8.6
R501062		0.99	3.06	0.08	0.5	0.08	0.013	0.51	7.3	4.3	0.81	480	0.62	0.01	1.6	8.6
R501063		1.26	3.85	0.07	0.8	0.07	0.019	0.67	7.7	13.4	0.81	297	0.56	0.01	2.1	11.9
R501064		2.01	7.90	0.10	1.5	0.16	0.035	1.36	16.1	14.1	1.21	380	1.47	0.02	4.1	21.4
R501065		2.56	8.66	0.09	1.6	0.19	0.033	1.48	18.1	13.5	1.31	334	2.91	0.03	4.6	25.2
R501066		3.46	13.60	0.07	2.3	0.27	0.060	2.33	23.6	19.8	1.27	307	2.68	0.03	6.9	36.5
R501067		3.70	14.45	0.08	2.4	0.25	0.059	2.42	24.9	23.0	1.26	366	2.65	0.03	7.4	40.7
R501068		1.72	5.44	<0.05	1.0	0.18	0.024	0.95	12.1	9.2	1.04	479	1.20	0.02	2.9	15.1
R501069		1.31	4.23	0.06	0.8	0.08	0.018	0.72	9.9	7.1	1.18	525	1.00	0.02	2.2	11.2
R501070		1.79	5.81	0.05	1.0	0.11	0.020	0.97	13.1	8.5	1.20	412	1.26	0.02	3.0	14.8
R501071		0.49	0.27	0.12	<0.1	<0.01	<0.005	0.02	0.6	1.0	12.70	221	0.06	<0.01	0.1	1.5
R501072		2.01	6.85	0.08	1.3	0.17	0.026	1.14	14.5	12.2	1.10	428	1.83	0.03	3.6	19.5
R501073		3.08	9.96	0.05	1.8	3.70	0.041	1.76	18.7	9.3	1.45	1220	1.62	0.02	6.1	24.7
R501074		3.45	10.90	0.07	2.0	0.45	0.044	1.74	20.2	19.7	1.10	682	2.63	0.07	5.7	30.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14134317

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
R501039		1280	3.6	3.0	<0.002	0.14	1.80	0.6	1	<0.2	212	<0.05	<0.05	0.3	0.010	0.91
R501040		190	20.9	23.3	0.003	0.78	4.86	2.6	1	0.4	744	0.13	<0.05	2.1	0.071	3.46
R501041		150	3.6	9.8	<0.002	0.33	0.94	1.6	1	0.2	1405	0.05	<0.05	0.9	0.028	1.65
R501042		280	4.8	5.5	<0.002	0.24	0.77	0.9	1	<0.2	1425	<0.05	<0.05	0.6	0.017	0.96
R501043		380	6.1	5.5	<0.002	0.34	2.94	1.1	1	<0.2	715	<0.05	<0.05	0.6	0.018	2.71
R501044		190	17.5	23.3	<0.002	0.81	1.34	2.7	1	0.4	1175	0.12	<0.05	2.0	0.070	3.00
R501045		400	10.1	9.7	<0.002	0.40	2.49	1.4	1	0.2	375	0.06	<0.05	1.0	0.032	2.11
R501046		440	12.6	79.2	0.002	2.53	22.7	9.6	1	1.6	313	0.41	<0.05	5.8	0.257	42.9
R501047		420	11.1	9.2	<0.002	0.38	2.04	1.5	1	0.2	384	0.06	<0.05	1.0	0.031	1.73
R501048		280	9.8	15.4	<0.002	0.61	0.80	2.0	1	0.3	1770	0.08	<0.05	1.4	0.050	1.83
R501049		540	3.3	8.5	<0.002	0.32	0.34	1.2	1	0.2	1970	0.05	<0.05	0.8	0.026	0.99
R501050		280	4.4	10.2	<0.002	0.37	0.43	1.4	1	0.2	1850	0.05	<0.05	0.9	0.030	1.17
R501051		330	9.6	10.6	<0.002	0.38	0.64	1.4	1	0.2	1610	0.06	<0.05	0.9	0.034	1.09
R501052		380	6.8	8.7	<0.002	0.32	0.44	1.3	1	0.2	1660	0.05	<0.05	0.8	0.027	0.82
R501053		440	11.8	16.5	<0.002	0.55	1.25	2.3	1	0.3	1430	0.09	<0.05	1.4	0.049	1.91
R501054		470	12.7	6.8	<0.002	0.47	8.04	1.3	1	0.2	326	<0.05	<0.05	0.6	0.022	2.88
R501055		240	1.3	0.8	<0.002	0.01	0.06	0.2	<1	<0.2	43.9	<0.05	<0.05	<0.2	<0.005	<0.02
R501056		600	11.6	11.9	<0.002	0.47	5.29	1.7	1	0.3	577	0.06	<0.05	1.0	0.034	2.43
R501057		460	3.1	3.9	<0.002	0.15	1.15	0.8	1	0.2	292	<0.05	<0.05	0.3	0.011	0.63
R501058		760	6.0	7.1	0.003	0.32	0.88	1.3	1	0.2	457	<0.05	<0.05	0.7	0.025	0.77
R501059		1100	15.9	38.7	0.005	1.37	0.84	5.4	2	0.6	1080	0.20	<0.05	3.0	0.145	1.15
R501060		1010	7.2	30.7	0.005	0.90	0.53	4.6	2	0.5	1915	0.16	<0.05	2.3	0.104	0.63
R501061		1090	5.4	21.4	0.005	0.66	0.35	3.8	1	0.4	1805	0.12	<0.05	1.7	0.074	0.30
R501062		1100	5.3	20.8	0.002	0.66	0.34	3.7	2	0.4	1775	0.11	<0.05	1.6	0.071	0.32
R501063		970	6.1	28.3	0.005	0.97	0.32	4.7	1	0.4	1605	0.14	<0.05	1.9	0.131	0.32
R501064		1080	10.9	60.5	0.006	1.55	0.53	8.3	2	1.0	1425	0.29	<0.05	4.1	0.208	0.61
R501065		1120	12.6	67.2	0.015	2.13	0.53	9.2	2	1.1	1665	0.33	<0.05	4.8	0.219	0.67
R501066		1110	16.1	101.0	0.014	2.76	0.69	13.8	2	1.6	1160	0.51	<0.05	6.7	0.378	0.76
R501067		890	16.2	103.5	0.013	2.80	0.77	15.5	2	1.7	778	0.52	<0.05	7.0	0.418	0.80
R501068		1100	8.9	40.4	0.007	1.11	0.68	6.0	2	0.7	1860	0.22	<0.05	3.0	0.137	0.49
R501069		1230	8.1	30.9	0.006	0.75	0.39	4.5	1	0.5	1560	0.16	<0.05	2.3	0.099	0.22
R501070		1220	9.1	42.2	0.006	0.99	0.42	6.2	2	0.7	1800	0.21	<0.05	3.1	0.138	0.33
R501071		190	1.4	1.0	<0.002	0.01	0.09	0.2	1	<0.2	49.8	<0.05	<0.05	<0.2	<0.005	<0.02
R501072		1060	9.7	50.1	0.009	1.30	0.39	7.1	2	0.8	2040	0.27	<0.05	3.8	0.178	0.38
R501073		380	9.6	78.6	0.004	2.55	9.65	8.9	1	1.4	723	0.42	0.06	5.6	0.268	10.55
R501074		1070	13.7	80.2	0.011	2.41	0.50	11.5	2	1.3	1625	0.41	<0.05	5.6	0.315	0.64

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14134317

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
R501039		1.3	4	0.8	5.3	3	5.0
R501040		2.5	21	1.9	11.2	4	18.8
R501041		1.8	8	0.7	8.9	5	9.0
R501042		1.4	5	0.4	6.6	2	6.2
R501043		1.4	6	0.5	8.3	4	6.7
R501044		2.4	19	1.6	10.8	4	18.9
R501045		1.8	9	0.9	7.9	5	9.9
R501046		6.5	81	7.7	16.5	47	67.9
R501047		2.1	9	0.8	9.4	4	9.8
R501048		2.0	13	1.3	10.1	6	13.5
R501049		1.7	8	0.6	7.4	5	8.3
R501050		1.6	10	0.5	7.6	7	9.3
R501051		1.6	9	0.6	6.8	4	10.2
R501052		1.5	7	0.6	6.6	4	8.4
R501053		2.2	14	0.9	9.6	6	14.4
R501054		1.4	7	0.6	6.2	43	7.4
R501055		0.8	1	0.2	0.7	17	<0.5
R501056		2.1	10	1.1	7.7	7	11.2
R501057		1.3	4	0.3	5.1	3	4.2
R501058		1.9	8	0.6	6.4	3	8.2
R501059		3.2	43	1.1	16.3	10	33.5
R501060		2.9	34	0.4	16.0	19	27.3
R501061		2.4	27	0.5	13.4	15	21.3
R501062		2.4	26	0.5	13.3	15	20.4
R501063		2.0	36	0.5	13.1	25	25.4
R501064		3.5	67	0.7	19.9	34	47.7
R501065		4.0	74	0.7	21.9	44	53.5
R501066		3.5	115	1.1	23.0	76	80.3
R501067		3.4	132	1.1	23.2	83	83.5
R501068		2.9	45	0.6	17.4	30	35.7
R501069		3.3	33	0.5	16.8	28	27.8
R501070		3.3	46	0.5	19.5	32	35.2
R501071		0.7	2	0.1	0.8	17	<0.5
R501072		3.2	60	0.6	17.5	44	43.8
R501073		2.3	72	5.1	15.7	49	64.4
R501074		3.2	103	0.9	19.6	61	67.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14134317

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- SEP- 2014
Account: RCM

CERTIFICATE WH14135059

Project: NADALEEN

P.O. No.: 14- 035

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

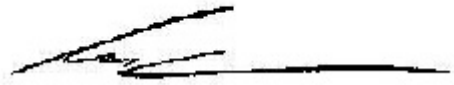
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Finalized Date: 23- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14135059

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
R501075		8.28	<0.01	0.12	4.20	31.2	320	1.07	0.21	16.20	0.34	44.3	14.8	55	19.65	53.0
R501076		8.30	<0.01	0.09	3.48	32.3	270	0.97	0.20	22.2	0.29	39.3	11.1	41	14.70	40.7
R501077		7.86	<0.01	0.12	4.08	68.9	250	1.23	0.24	19.10	0.36	48.6	13.4	47	16.45	55.2
R501078		8.16	<0.01	0.12	3.60	53.1	220	0.99	0.22	21.9	0.36	41.1	11.3	40	13.80	49.7
R501079		0.27	0.50	0.09	3.57	2310	190	0.86	0.17	17.60	0.14	37.0	10.1	39	9.49	40.2
R501080		8.02	<0.01	0.03	1.51	25.3	120	0.55	0.11	28.1	0.19	20.9	5.2	21	6.07	19.4
R501081		8.34	<0.01	0.08	3.02	69.2	470	0.87	0.18	22.6	0.31	37.5	10.0	35	12.00	37.9
R501082		7.80	<0.01	0.05	1.39	38.2	180	0.49	0.10	29.6	0.18	20.7	5.0	17	4.32	18.7
R501083		8.04	0.02	0.09	6.93	275	230	2.12	0.33	1.84	0.04	69.9	21.2	67	33.5	60.8
R501084		8.09	0.03	0.08	5.85	262	400	1.78	0.24	2.22	0.15	57.6	19.0	62	29.3	53.4
R501085		7.74	<0.01	0.10	6.31	74.5	270	1.68	0.25	2.64	0.08	61.9	20.3	67	28.8	58.2
R501086		7.87	0.01	0.07	6.43	202	170	1.84	0.29	2.49	0.07	61.5	17.9	65	28.4	54.8
R501087		7.41	3.29	0.05	2.33	1340	240	0.43	0.12	2.27	0.12	24.0	7.1	35	5.32	24.8
R501088		0.29	2.52	0.17	3.84	5560	200	0.97	0.17	11.65	0.14	39.6	11.1	44	10.15	36.0
R501089		7.53	1.97	0.07	4.95	3570	380	1.05	0.23	0.99	0.55	50.0	11.9	61	14.45	51.1
R501090		7.44	<0.01	0.09	5.88	197.5	170	1.95	0.25	1.37	0.09	56.6	15.3	61	33.3	49.3
R501091		7.91	<0.01	0.08	6.52	197.5	190	2.37	0.27	0.80	0.04	58.5	19.7	72	46.1	57.2
R501092		7.19	0.01	0.10	5.81	278	160	2.25	0.25	0.73	0.05	55.4	17.9	63	41.5	54.9
R501093		<0.02	0.01	0.12	6.82	338	190	2.53	0.29	0.82	0.07	63.0	20.5	76	47.5	64.2
R501094		8.19	0.94	0.08	5.86	2620	170	1.95	0.26	1.20	0.09	55.6	16.8	64	28.3	50.8
R501095		7.38	0.02	0.07	3.56	262	160	0.82	0.14	2.42	0.02	37.9	12.1	43	10.25	27.3
R501096		7.98	1.79	0.07	5.48	1520	230	1.31	0.23	1.68	0.12	55.7	13.5	56	19.15	41.6
R501097		4.99	<0.01	0.01	0.06	2.0	130	0.06	0.04	19.90	0.07	1.07	0.6	<1	0.13	2.5
R501098		7.56	1.23	0.07	5.79	1470	270	1.62	0.23	1.10	0.18	56.6	18.4	63	22.9	43.1
R501099		7.51	0.09	0.06	8.25	261	230	3.13	0.30	0.64	0.08	73.8	23.7	88	48.1	62.6
R501100		7.12	0.01	0.07	6.29	177.0	170	1.98	0.27	2.61	0.04	60.9	15.8	62	32.7	55.2
R501101		7.68	<0.01	0.05	6.82	161.5	240	2.06	0.30	2.54	0.03	67.7	17.5	65	32.3	61.1
R501102		3.42	<0.01	0.05	6.31	157.0	220	1.91	0.28	2.47	0.03	65.9	16.4	64	30.8	55.3
R501103		8.24	<0.01	0.10	7.26	61.4	1190	2.11	0.24	2.84	0.10	73.8	26.1	61	45.4	51.8
R501104		8.86	<0.01	0.11	6.46	57.3	230	2.05	0.29	2.41	0.09	67.9	22.3	61	39.0	52.3
R501105		7.81	0.02	0.07	4.07	257	1450	1.04	0.17	4.55	0.36	43.5	10.6	46	14.95	35.1
R501106		4.97	<0.01	<0.01	0.05	0.2	20	0.05	0.04	20.4	0.05	1.07	0.5	1	0.12	3.7
R501107		7.31	0.05	0.12	4.45	435	200	0.96	0.15	1.05	0.66	49.1	14.2	53	14.85	35.2
R501108		8.13	0.14	0.07	4.27	503	240	0.90	0.16	1.32	1.08	48.9	13.6	54	14.00	32.4
R501109		7.57	0.04	0.07	3.73	255	160	0.82	0.13	2.92	0.08	41.7	11.9	44	11.60	27.6
R501110		7.79	<0.01	0.06	7.02	69.7	240	2.02	0.29	2.27	0.03	73.0	16.0	73	34.8	53.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14135059

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501075		3.42	10.30	0.13	1.8	0.43	0.044	1.76	20.4	22.4	0.94	382	2.15	0.08	5.6	30.5
R501076		2.58	8.31	0.14	1.6	0.38	0.041	1.43	18.1	21.4	0.97	316	1.95	0.03	4.6	23.0
R501077		2.64	9.93	0.14	1.8	0.52	0.042	1.78	22.2	15.9	1.14	285	2.63	0.03	5.5	30.5
R501078		2.31	8.63	0.13	1.8	0.45	0.040	1.56	19.2	14.6	0.99	256	2.86	0.03	4.8	26.7
R501079		2.93	8.75	0.14	1.6	3.74	0.036	1.65	18.1	9.3	1.38	1120	1.55	0.02	5.6	23.3
R501080		1.55	3.68	0.15	0.7	0.25	0.019	0.67	8.3	7.9	1.11	499	1.03	0.02	2.1	10.6
R501081		2.09	7.22	0.15	1.4	1.05	0.038	1.34	16.6	13.1	1.17	302	1.61	0.02	4.0	21.5
R501082		1.20	3.48	0.10	0.6	0.82	0.015	0.63	8.3	6.2	0.85	337	0.70	0.02	1.9	9.9
R501083		4.82	17.50	0.24	3.0	1.19	0.076	3.07	32.7	23.1	1.18	417	0.38	0.03	10.0	38.3
R501084		4.22	15.35	0.19	2.5	1.03	0.058	2.46	27.4	33.5	1.36	495	0.53	0.02	8.4	34.2
R501085		5.28	15.65	0.18	2.8	0.64	0.064	2.49	28.6	70.8	1.54	626	0.43	0.02	10.1	38.8
R501086		4.52	16.05	0.20	2.9	0.63	0.061	2.87	29.1	28.0	1.48	571	0.47	0.03	10.2	36.4
R501087		2.59	5.52	0.11	1.3	3.45	0.016	0.96	10.5	9.1	1.14	1040	0.27	0.01	3.5	14.4
R501088		2.87	9.45	0.12	1.9	16.0	0.035	1.78	20.0	11.9	2.52	1140	1.81	0.02	5.5	25.1
R501089		4.25	12.55	0.15	2.4	7.16	0.046	2.05	23.1	17.6	0.65	381	0.70	0.02	7.6	24.9
R501090		4.20	14.90	0.19	2.5	1.63	0.064	2.68	27.2	27.5	0.98	249	0.88	0.02	7.7	28.8
R501091		4.62	16.50	0.20	2.6	2.09	0.063	3.00	28.0	23.8	0.79	188	0.89	0.02	7.9	38.3
R501092		3.93	14.90	0.20	2.5	2.73	0.058	2.66	27.3	25.2	0.71	180	1.06	0.02	7.3	37.2
R501093		4.60	17.10	0.23	2.8	2.76	0.070	3.12	31.0	28.7	0.82	201	1.33	0.03	8.3	42.9
R501094		4.24	14.55	0.21	2.4	6.89	0.051	2.70	27.1	15.7	0.93	436	0.79	0.02	7.5	33.3
R501095		3.56	8.38	0.15	1.8	1.45	0.036	1.54	17.8	14.0	1.21	659	0.26	0.02	5.5	21.5
R501096		4.34	14.10	0.17	2.5	5.51	0.049	2.50	26.0	13.5	1.02	671	0.47	0.02	8.7	29.3
R501097		0.48	0.19	0.16	<0.1	<0.01	<0.005	0.02	0.5	1.0	12.25	217	0.10	<0.01	0.2	1.5
R501098		4.19	14.60	0.18	2.3	3.64	0.046	2.59	27.1	15.8	0.79	542	0.40	0.02	7.7	31.8
R501099		4.49	21.2	0.24	3.0	2.35	0.076	3.98	35.0	16.1	0.85	206	0.25	0.03	10.1	39.4
R501100		5.70	15.95	0.23	2.9	0.84	0.064	2.91	28.2	19.5	1.54	533	0.38	0.03	9.9	35.6
R501101		4.74	17.20	0.20	3.0	0.53	0.070	3.18	31.6	21.7	1.56	472	0.30	0.03	10.7	35.8
R501102		4.60	15.95	0.16	3.2	0.52	0.063	3.09	32.0	19.1	1.49	440	1.76	0.03	9.9	33.9
R501103		5.95	18.45	0.17	3.3	0.35	0.081	3.39	37.1	37.4	1.96	613	1.27	0.04	21.7	39.4
R501104		5.20	16.60	0.14	3.2	0.48	0.072	3.00	36.0	49.5	1.50	478	0.92	0.03	9.5	42.5
R501105		3.54	9.69	0.13	1.9	0.39	0.043	1.90	21.4	16.9	1.88	740	0.92	0.02	5.8	22.0
R501106		0.46	0.17	0.14	<0.1	<0.01	0.006	0.02	0.5	0.8	12.55	194	0.21	<0.01	0.1	1.4
R501107		3.72	10.80	0.14	2.4	0.84	0.049	2.07	24.1	14.2	0.65	280	0.72	0.02	6.7	27.2
R501108		3.54	10.80	0.11	2.3	0.75	0.044	2.07	24.3	10.0	0.76	385	0.78	0.02	6.9	25.0
R501109		3.70	8.89	0.11	2.0	0.41	0.038	1.75	21.0	13.5	1.29	815	0.73	0.02	5.7	22.4
R501110		4.36	17.35	0.16	3.5	0.17	0.077	3.48	35.9	26.3	2.05	539	0.74	0.03	11.1	31.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14135059

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
R501075		1240	12.2	80.1	0.009	2.22	0.53	11.9	2	1.2	1530	0.44	<0.05	5.1	0.324	0.66
R501076		1470	10.5	68.7	0.012	1.72	0.48	9.3	1	1.1	2040	0.39	0.05	4.6	0.225	0.62
R501077		1260	13.1	84.7	0.013	1.84	0.74	10.8	2	1.2	1725	0.45	0.06	5.5	0.276	0.82
R501078		1080	11.7	71.9	0.014	1.60	0.58	8.2	3	1.1	1880	0.40	0.05	5.0	0.218	0.78
R501079		370	8.1	73.6	<0.002	2.42	8.56	8.4	1	1.3	698	0.44	<0.05	4.9	0.253	9.96
R501080		1070	5.1	28.5	0.005	0.79	0.24	4.4	1	0.5	1580	0.21	<0.05	2.1	0.102	0.31
R501081		1220	9.9	62.3	0.007	1.41	0.87	8.2	2	0.9	1420	0.37	0.05	4.0	0.201	0.52
R501082		990	4.6	29.1	0.003	0.69	0.91	4.1	1	0.4	1780	0.19	<0.05	1.8	0.088	0.28
R501083		510	22.5	157.0	0.002	4.62	1.61	17.6	1	3.1	113.0	0.78	0.07	9.8	0.475	4.05
R501084		410	28.1	126.0	<0.002	3.55	2.04	16.7	1	2.2	97.2	0.65	0.06	8.1	0.441	4.68
R501085		680	24.7	129.5	<0.002	4.45	0.59	16.7	1	2.3	153.5	0.74	0.07	8.7	0.535	3.83
R501086		560	22.2	143.0	<0.002	4.26	1.34	16.8	1	2.0	106.0	0.81	0.05	9.0	0.515	3.05
R501087		220	6.9	44.4	<0.002	2.25	12.95	6.1	<1	1.0	116.5	0.31	0.05	3.7	0.247	13.60
R501088		440	10.7	79.3	0.002	2.50	21.4	9.6	1	1.5	315	0.45	0.05	5.4	0.260	43.0
R501089		400	9.9	95.0	<0.002	4.27	16.10	11.2	1	2.3	159.0	0.59	0.07	7.0	0.436	21.9
R501090		260	25.3	130.0	<0.002	4.01	1.42	15.7	1	2.0	73.8	0.62	<0.05	7.7	0.367	5.41
R501091		220	26.9	146.5	0.005	4.52	0.96	18.0	1	2.1	65.1	0.65	<0.05	8.3	0.366	6.96
R501092		180	29.6	131.5	0.003	3.83	1.95	16.1	2	2.1	64.2	0.56	<0.05	8.1	0.330	7.79
R501093		210	37.1	150.5	0.005	4.48	2.23	18.4	2	2.5	74.0	0.66	<0.05	9.0	0.383	9.15
R501094		220	25.6	126.5	0.002	4.23	16.95	16.7	1	1.8	81.3	0.63	0.07	8.0	0.361	15.35
R501095		300	11.0	71.7	<0.002	3.13	2.74	9.1	1	1.2	97.7	0.45	<0.05	5.1	0.315	4.69
R501096		380	11.6	119.5	<0.002	4.32	15.80	14.6	1	1.7	92.7	0.67	<0.05	7.7	0.433	16.35
R501097		170	1.2	0.8	<0.002	0.01	0.05	0.2	<1	<0.2	49.0	0.07	<0.05	<0.2	<0.005	0.03
R501098		310	19.2	121.5	0.002	4.19	13.65	15.1	1	1.7	95.5	0.60	0.05	7.6	0.401	13.20
R501099		310	27.0	188.5	0.003	4.35	3.89	23.0	1	2.3	64.2	0.79	0.05	10.3	0.486	6.75
R501100		480	15.0	148.5	<0.002	5.52	1.23	16.7	1	2.0	88.5	0.77	0.07	8.6	0.487	3.02
R501101		530	14.1	156.0	<0.002	4.40	0.65	17.7	1	2.4	114.5	0.81	0.06	9.3	0.511	4.80
R501102		490	13.2	156.0	<0.002	4.31	0.62	17.6	1	2.1	104.5	0.70	<0.05	10.1	0.492	5.05
R501103		890	16.3	177.0	0.002	1.91	0.67	19.5	2	2.2	151.5	1.20	<0.05	10.2	0.614	2.04
R501104		490	32.9	159.5	<0.002	3.38	0.77	17.9	<1	2.2	139.0	0.66	<0.05	10.6	0.463	3.37
R501105		320	20.4	87.6	0.002	1.46	1.23	10.5	1	1.6	202	0.41	<0.05	6.3	0.332	1.15
R501106		230	1.2	0.8	<0.002	<0.01	0.05	0.1	<1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	<0.02
R501107		340	19.0	104.0	<0.002	3.65	2.37	10.9	1	1.5	82.3	0.49	<0.05	7.2	0.382	3.02
R501108		340	20.3	105.0	<0.002	3.23	2.86	11.7	<1	1.4	109.5	0.50	<0.05	7.2	0.358	2.87
R501109		320	15.9	88.3	<0.002	2.77	1.66	10.1	<1	1.1	94.6	0.42	<0.05	6.0	0.314	1.80
R501110		800	14.8	176.5	<0.002	0.62	0.38	17.8	1	2.2	95.5	0.79	0.06	11.3	0.517	1.59

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14135059

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
R501075		3.0	99	0.9	20.7	61	66.4
R501076		3.3	75	0.8	20.6	44	59.0
R501077		3.9	89	1.0	25.0	62	65.1
R501078		3.8	80	0.7	20.6	55	56.8
R501079		2.2	68	4.9	14.4	43	57.9
R501080		2.5	33	0.4	13.9	22	25.2
R501081		3.5	64	0.7	23.0	43	49.0
R501082		2.4	30	0.3	14.2	22	23.0
R501083		2.1	132	2.9	22.2	62	106.5
R501084		1.7	132	4.0	17.5	90	89.4
R501085		1.8	137	1.6	22.1	74	101.5
R501086		1.8	134	3.3	20.8	67	102.0
R501087		0.8	68	3.7	7.1	33	43.9
R501088		6.2	80	7.3	18.0	43	70.6
R501089		1.5	121	7.2	15.1	156	82.9
R501090		1.9	117	2.8	17.2	68	86.1
R501091		2.2	132	1.5	18.9	53	87.9
R501092		2.2	114	2.6	15.6	40	86.1
R501093		2.5	136	3.0	18.9	48	96.5
R501094		1.9	112	6.5	14.6	41	83.0
R501095		1.1	79	3.6	11.5	31	60.1
R501096		1.6	114	6.5	17.6	45	88.6
R501097		0.6	1	0.1	0.7	16	<0.5
R501098		1.5	121	6.8	16.1	47	78.1
R501099		2.1	163	6.4	22.5	52	101.0
R501100		1.9	128	2.3	21.9	45	101.0
R501101		2.0	134	1.6	22.7	57	108.5
R501102		2.0	132	1.5	22.0	53	106.5
R501103		2.0	157	1.4	24.4	76	121.5
R501104		2.0	126	1.4	22.0	66	111.5
R501105		1.3	86	3.1	12.8	191	65.7
R501106		0.6	1	0.1	0.7	13	<0.5
R501107		1.4	102	4.2	14.1	156	75.4
R501108		1.4	97	4.4	14.9	172	75.8
R501109		1.2	81	3.4	13.3	49	65.6
R501110		2.4	134	1.7	25.7	72	115.0

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 23- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14135059

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

CERTIFICATE WH14145804

Project: NADALEEN

P.O. No.: BATCH 14- 036

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

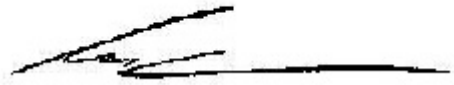
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145804

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
R501111		7.39	<0.01	0.06	7.27	83.4	240	2.32	0.32	2.19	0.03	70.3	19.7	72	36.2	56.6
R501112		7.31	<0.01	0.09	5.65	137.5	220	1.89	0.58	2.48	0.07	62.3	13.7	59	22.8	35.9
R501113		8.05	0.01	3.74	5.92	174.0	230	1.98	0.27	2.86	0.16	67.7	10.9	57	23.1	37.5
R501114		9.04	0.10	0.13	6.24	757	230	2.00	0.30	2.48	0.08	70.5	23.9	60	22.0	41.8
R501115		7.85	1.42	0.18	6.73	>10000	280	1.78	0.42	1.28	0.17	74.0	13.0	66	17.85	53.2
R501116		5.03	<0.01	1.47	0.08	4.7	120	0.07	0.02	20.1	0.08	1.31	0.8	<1	0.32	3.2
R501117		8.65	0.28	0.15	6.65	6260	300	1.97	0.34	1.51	0.21	75.7	16.0	65	21.1	46.4
R501118		7.22	<0.01	0.12	7.77	324	310	2.67	0.35	2.04	0.69	79.5	18.6	73	31.8	48.0
R501119		7.89	<0.01	0.05	6.51	283	270	2.00	0.32	2.37	1.62	71.3	13.1	63	22.5	41.7
R501120		7.18	0.03	0.10	5.91	7050	280	1.73	0.30	2.48	0.10	63.4	12.6	57	18.95	37.4
R501121		7.25	<0.01	0.06	4.61	2150	190	1.33	0.22	3.48	0.33	50.5	9.5	46	14.10	27.1
R501122		<0.02	<0.01	0.07	4.60	2050	190	1.21	0.21	3.53	0.40	51.1	9.7	47	14.35	27.0
R501123		7.54	<0.01	0.05	4.57	112.0	220	1.36	0.21	4.21	0.24	48.0	8.4	48	12.60	24.3
R501124		8.35	<0.01	0.05	6.90	418	330	2.19	0.32	3.21	0.04	69.0	15.3	68	20.9	48.9
R501125		8.03	<0.01	0.10	6.17	91.4	230	2.03	0.28	2.68	<0.02	64.6	19.9	60	19.35	33.2
R501126		0.29	0.51	0.07	3.65	2510	200	0.89	0.15	18.50	0.12	38.7	10.7	44	9.41	42.4
R501127		8.02	<0.01	0.08	6.54	162.0	250	2.14	0.29	2.93	0.09	68.5	14.1	65	20.7	37.9
R501128		7.26	<0.01	0.07	5.12	105.0	190	1.51	0.23	3.00	0.03	54.1	10.3	52	15.45	28.4
R501129		7.64	<0.01	0.09	6.91	112.0	270	2.28	0.30	2.95	0.05	72.2	14.1	70	29.1	35.1
R501130		7.80	<0.01	0.08	5.42	50.6	210	1.95	0.22	2.64	0.07	55.9	11.2	59	20.5	28.1
R501131		7.47	<0.01	0.09	7.17	94.1	270	2.20	0.30	2.56	0.12	71.3	14.0	73	31.3	37.5
R501132		7.59	<0.01	0.05	6.27	94.8	240	1.95	0.26	2.51	1.42	67.5	12.6	64	35.3	35.3
R501133		7.51	0.28	0.04	6.58	1425	180	1.80	0.28	3.88	0.06	64.3	16.2	69	30.0	53.1
R501134		7.87	<0.01	0.03	4.71	461	130	1.15	0.19	12.45	0.05	47.1	13.5	50	18.00	39.4
R501135		0.29	0.50	0.07	3.61	2430	200	0.88	0.15	18.40	0.12	37.9	10.5	45	9.34	41.2
R501136		8.13	<0.01	<0.01	0.72	14.9	60	0.26	0.04	32.3	0.03	9.95	2.5	8	2.70	6.5
R501137		7.59	<0.01	0.01	1.03	17.4	70	0.31	0.06	30.6	0.02	13.80	3.4	11	3.41	7.8
R501138		7.90	<0.01	0.01	0.63	15.1	60	0.21	0.05	31.4	<0.02	7.92	2.3	7	2.31	5.8
R501139		3.44	<0.01	0.01	0.85	22.0	60	0.29	0.06	31.3	0.03	9.41	3.0	10	3.05	8.5
R501140		7.80	<0.01	0.01	0.86	14.8	70	0.32	0.05	32.1	0.04	11.40	3.1	10	3.34	7.9
R501141		7.46	<0.01	0.01	1.27	16.8	110	0.47	0.09	31.8	0.04	15.55	4.4	14	8.13	13.0
R501142		8.54	<0.01	0.01	0.72	6.7	120	0.36	0.05	34.5	<0.02	10.10	2.6	8	4.54	6.9
R501143		7.22	<0.01	0.01	1.05	13.3	110	0.37	0.06	31.4	0.02	14.10	3.5	12	5.11	9.3
R501144		7.88	<0.01	0.01	1.17	20.5	100	0.34	0.07	32.1	0.02	13.75	3.8	13	4.16	10.1
R501145		4.99	<0.01	<0.01	0.04	0.2	20	0.07	0.03	20.7	0.06	0.97	0.7	2	0.13	2.0
R501146		7.81	<0.01	0.01	1.43	25.3	110	0.39	0.08	31.5	0.03	17.80	4.7	16	4.83	12.3

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VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145804

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501111		4.99	18.70	0.18	3.2	0.13	0.069	3.59	34.0	34.1	2.24	583	0.39	0.04	11.6	35.8
R501112		4.09	14.50	0.17	2.7	1.01	0.061	2.73	30.8	27.1	1.37	467	0.99	0.03	9.1	28.3
R501113		3.55	15.20	0.18	3.1	0.41	0.059	2.92	33.4	20.6	1.45	464	0.53	0.03	10.9	25.1
R501114		4.03	16.35	0.19	3.1	3.90	0.064	3.12	34.9	15.6	1.39	468	1.44	0.03	10.3	35.3
R501115		4.42	18.00	0.16	3.3	24.4	0.065	3.28	36.2	14.1	0.96	343	0.86	0.03	11.7	29.4
R501116		0.48	0.29	0.30	<0.1	0.02	<0.005	0.03	0.6	1.3	12.45	205	0.17	0.01	0.2	2.4
R501117		4.19	17.25	0.17	3.3	11.5	0.052	3.26	37.0	14.1	1.02	367	1.30	0.03	11.1	32.5
R501118		4.94	20.8	0.13	3.8	2.58	0.075	3.78	39.6	16.0	1.24	325	0.94	0.04	12.1	43.1
R501119		4.34	17.60	0.13	3.3	3.34	0.080	3.16	35.4	13.8	1.27	364	1.23	0.03	10.4	28.1
R501120		4.35	15.20	0.15	2.9	4.56	0.059	2.76	30.9	14.4	1.29	376	0.89	0.03	9.0	30.1
R501121		3.99	11.90	0.12	2.3	2.80	0.047	2.17	24.8	12.2	1.49	774	1.00	0.03	7.1	22.0
R501122		4.07	12.15	0.10	2.2	2.74	0.047	2.17	25.6	12.3	1.50	816	0.86	0.03	7.1	22.6
R501123		3.23	11.70	0.14	2.3	0.73	0.044	2.17	23.6	13.8	1.71	680	0.77	0.03	6.8	19.0
R501124		4.63	18.45	0.11	3.4	0.77	0.068	3.31	34.3	13.1	1.74	527	0.57	0.04	11.2	33.3
R501125		4.35	15.95	0.15	3.1	0.95	0.061	2.94	31.8	19.2	1.48	568	1.07	0.03	9.4	36.9
R501126		3.06	9.59	<0.05	2.0	3.81	0.033	1.72	17.4	9.0	1.45	1160	1.64	0.02	5.8	25.5
R501127		4.39	17.25	0.14	3.2	1.14	0.065	3.17	34.0	15.1	1.51	471	1.28	0.03	10.1	32.3
R501128		3.66	12.90	0.10	2.4	0.82	0.049	2.44	27.5	14.2	1.34	439	0.83	0.03	7.8	24.2
R501129		4.57	18.20	0.18	3.4	0.94	0.062	3.38	36.3	18.9	1.58	377	0.77	0.04	10.8	32.2
R501130		3.93	14.10	0.16	2.5	0.67	0.048	2.58	27.5	18.8	1.40	472	0.75	0.03	8.1	25.1
R501131		4.47	18.55	0.16	3.3	0.65	0.060	3.52	35.1	21.3	1.63	389	0.85	0.04	10.6	32.7
R501132		3.74	16.35	0.22	3.0	0.32	0.069	3.01	33.3	33.7	1.52	392	1.18	0.03	9.8	25.5
R501133		5.23	17.45	0.17	3.3	1.38	0.072	2.99	31.4	21.2	1.98	742	0.25	0.03	10.4	38.3
R501134		3.76	12.25	0.05	2.4	1.03	0.051	2.18	23.3	24.0	2.93	640	0.79	0.02	6.9	27.3
R501135		3.02	9.49	<0.05	2.2	3.76	0.032	1.71	17.3	9.2	1.43	1180	1.62	0.02	5.8	24.6
R501136		0.75	1.95	<0.05	0.4	0.34	0.009	0.35	5.6	2.7	1.40	304	0.48	0.01	1.0	3.6
R501137		0.90	2.72	0.07	0.7	0.20	0.010	0.51	7.6	3.1	0.97	249	0.61	0.01	1.6	4.7
R501138		0.85	1.63	<0.05	0.3	0.20	0.007	0.30	4.3	2.4	1.18	282	0.43	0.01	0.9	3.6
R501139		0.93	2.16	0.07	0.5	0.28	0.009	0.40	5.2	2.9	1.19	305	0.58	0.01	1.2	4.6
R501140		0.82	2.30	0.09	0.4	0.25	0.010	0.42	6.5	2.9	1.02	251	0.64	0.01	1.2	4.4
R501141		0.98	3.46	0.09	0.6	0.22	0.010	0.63	9.0	5.3	0.79	203	0.80	0.02	1.7	6.8
R501142		0.59	1.96	0.10	0.4	0.10	0.008	0.35	5.8	3.9	0.63	183	0.30	0.02	1.0	3.8
R501143		0.79	2.80	0.12	0.5	0.19	0.011	0.52	8.0	4.6	0.75	215	0.41	0.01	1.4	5.6
R501144		0.90	3.07	0.11	0.6	0.32	0.011	0.57	7.5	4.1	0.83	230	0.44	0.01	1.5	6.2
R501145		0.45	0.30	0.32	<0.1	<0.01	0.005	0.02	0.5	0.9	12.95	188	0.28	<0.01	0.2	1.8
R501146		0.97	3.81	0.19	0.8	0.34	0.013	0.71	9.8	5.3	0.90	323	0.51	0.01	2.0	7.9

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
R501111		610	15.3	180.0	<0.002	0.38	0.35	17.8	1	2.3	85.4	0.82	0.07	11.0	0.510	1.55
R501112		490	37.8	127.0	0.002	2.32	0.53	12.9	1	2.0	90.2	0.63	<0.05	9.4	0.369	2.80
R501113		550	65.2	135.5	<0.002	2.65	3.28	13.3	1	2.0	83.2	0.76	<0.05	10.8	0.413	1.63
R501114		530	28.7	139.0	0.002	3.53	5.44	14.5	1	2.4	89.0	0.75	0.07	10.6	0.412	10.30
R501115		630	35.7	148.5	<0.002	4.23	43.6	15.0	1	2.4	86.2	0.80	0.12	11.5	0.439	63.3
R501116		200	20.0	1.8	<0.002	0.01	1.03	0.2	<1	<0.2	50.2	<0.05	<0.05	0.5	<0.005	0.04
R501117		600	37.3	148.5	<0.002	3.84	15.85	16.0	1	2.6	84.0	0.79	0.06	11.5	0.440	28.7
R501118		560	57.7	174.5	0.002	4.44	2.06	17.8	1	2.6	85.0	0.90	<0.05	12.2	0.490	6.91
R501119		490	14.5	142.5	<0.002	3.55	0.87	15.0	2	2.2	84.3	0.76	<0.05	10.1	0.437	7.39
R501120		520	40.8	120.0	<0.002	3.34	12.00	13.6	2	2.2	124.0	0.69	<0.05	9.0	0.384	8.63
R501121		400	21.6	94.6	<0.002	2.58	3.01	10.4	1	1.6	96.0	0.54	0.05	7.2	0.303	5.54
R501122		400	22.0	95.0	<0.002	2.63	2.97	10.4	1	1.6	98.3	0.52	<0.05	7.3	0.301	5.60
R501123		370	25.6	95.2	0.002	1.32	1.18	9.9	1	1.6	102.5	0.52	<0.05	7.0	0.295	1.68
R501124		590	13.0	148.5	0.002	3.66	2.27	16.6	2	2.2	101.5	0.81	0.05	10.4	0.497	2.86
R501125		500	34.6	138.0	<0.002	3.53	1.00	13.8	1	2.0	72.9	0.70	<0.05	9.6	0.406	2.30
R501126		380	8.3	78.1	<0.002	2.57	9.30	8.9	2	1.3	733	0.43	0.06	5.3	0.273	10.70
R501127		520	46.1	148.0	<0.002	3.22	0.87	14.9	1	2.2	86.5	0.75	0.05	10.2	0.440	2.43
R501128		410	34.3	112.5	<0.002	2.53	0.74	11.1	1	1.8	91.1	0.57	<0.05	7.6	0.333	2.41
R501129		590	46.8	155.5	0.003	2.29	0.65	15.4	2	2.2	102.5	0.78	0.05	10.7	0.455	2.27
R501130		420	41.5	122.5	<0.002	1.31	0.56	11.8	1	1.7	79.5	0.58	<0.05	8.2	0.359	1.55
R501131		530	40.2	164.5	0.002	1.46	0.65	16.0	2	2.2	80.3	0.79	<0.05	10.7	0.457	1.31
R501132		480	11.3	146.0	<0.002	0.82	0.43	13.8	1	1.9	80.5	0.74	<0.05	9.5	0.420	0.95
R501133		590	11.2	142.5	<0.002	4.82	1.87	17.7	1	2.1	106.0	0.77	<0.05	9.3	0.522	6.05
R501134		380	10.5	95.7	0.005	2.69	0.75	12.1	1	1.3	367	0.51	<0.05	6.5	0.360	3.56
R501135		360	8.4	78.0	<0.002	2.55	9.04	8.8	1	1.3	724	0.40	0.08	5.2	0.275	10.60
R501136		150	3.2	13.7	<0.002	0.47	0.19	2.0	1	0.2	1140	0.07	<0.05	1.1	0.042	1.23
R501137		130	4.4	20.1	<0.002	0.71	0.23	2.5	1	0.3	976	0.12	<0.05	1.7	0.071	1.02
R501138		100	3.2	11.6	<0.002	0.57	0.15	2.0	1	0.2	963	0.07	<0.05	1.0	0.038	0.49
R501139		110	4.1	16.0	<0.002	0.62	0.20	2.4	1	0.2	919	0.08	<0.05	1.5	0.052	0.73
R501140		140	3.4	16.2	<0.002	0.63	0.18	2.3	1	0.3	1085	0.08	<0.05	1.3	0.051	0.43
R501141		150	4.6	25.7	0.003	0.87	0.16	3.3	1	0.4	1445	0.12	<0.05	2.0	0.074	0.59
R501142		140	2.7	14.5	<0.002	0.46	0.11	2.0	1	0.2	1780	0.08	<0.05	1.1	0.044	0.15
R501143		130	3.7	20.7	0.002	0.67	0.14	2.8	1	0.3	1505	0.10	<0.05	1.6	0.065	0.25
R501144		140	3.9	21.8	<0.002	0.85	0.18	3.0	1	0.3	1215	0.11	<0.05	1.8	0.068	0.30
R501145		190	1.2	0.9	<0.002	<0.01	<0.05	0.1	<1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	<0.02
R501146		170	4.8	27.5	<0.002	0.89	0.18	3.4	1	0.4	1175	0.14	0.05	2.2	0.087	0.36

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
R501111		2.3	129	1.5	22.8	67	113.5	
R501112		2.1	95	6.0	18.1	64	99.4	
R501113		2.4	98	3.3	20.9	98	110.5	
R501114		2.3	106	4.6	20.1	78	104.5	
R501115		2.6	113	10.6	22.7	74	115.5	1.010
R501116		0.8	2	0.1	0.8	19	0.7	
R501117		2.6	112	8.9	21.3	109	113.5	
R501118		2.7	127	7.9	22.2	246	124.0	
R501119		2.2	106	6.0	19.7	626	108.5	
R501120		2.0	96	11.2	17.9	60	95.0	
R501121		1.7	75	7.9	14.7	81	75.3	
R501122		1.7	74	8.4	14.9	95	82.4	
R501123		1.6	73	5.4	15.1	86	72.6	
R501124		2.3	124	11.3	21.4	61	114.5	
R501125		2.2	102	2.4	18.9	52	99.4	
R501126		2.3	76	5.5	15.3	47	65.8	
R501127		2.3	110	1.9	19.2	63	110.0	
R501128		1.8	85	2.9	15.3	43	81.0	
R501129		2.4	115	2.6	20.3	66	111.5	
R501130		1.9	89	2.5	16.8	58	87.0	
R501131		2.5	118	1.7	19.8	71	112.0	
R501132		2.1	99	1.4	18.8	398	102.5	
R501133		1.9	131	13.0	20.6	59	106.0	
R501134		2.3	91	6.1	16.7	37	77.3	
R501135		2.2	75	5.3	15.0	46	64.0	
R501136		1.6	12	0.2	9.1	6	12.7	
R501137		1.4	17	0.3	8.4	6	21.6	
R501138		1.7	11	0.1	7.8	5	11.4	
R501139		1.8	15	0.2	8.3	10	15.4	
R501140		1.9	15	0.2	9.6	15	15.0	
R501141		2.1	20	0.3	10.6	13	20.8	
R501142		1.7	12	0.2	9.7	7	13.0	
R501143		1.8	18	0.2	10.9	15	17.8	
R501144		1.9	19	0.2	9.6	11	19.0	
R501145		0.6	2	0.1	0.7	15	<0.5	
R501146		2.2	23	0.3	10.9	10	23.7	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145804

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

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Finalized Date: 27- SEP- 2014
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CERTIFICATE WH14145805

Project: NADALEEN

P.O. No.: 14- 037

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

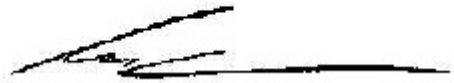
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27- SEP- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145805

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
R501147		7.70	<0.01	0.01	1.11	18.7	120	0.39	0.07	31.4	0.03	14.10	3.8	12	4.02	12.2
R501148		7.35	<0.01	0.02	1.93	26.3	130	0.46	0.12	27.4	0.03	23.0	6.4	20	7.65	16.8
R501149		7.57	<0.01	0.01	0.63	8.9	110	0.39	0.06	34.8	<0.02	9.24	2.3	8	2.18	6.9
R501150		0.29	0.52	0.08	3.64	2450	200	0.89	0.15	18.65	0.13	38.5	10.5	45	9.45	41.5
R501151		8.46	<0.01	0.01	0.88	16.1	160	0.29	0.07	32.0	0.02	12.50	3.1	10	3.15	8.2
R501152		8.83	<0.01	0.01	0.94	18.9	100	0.36	0.06	32.4	0.03	12.85	3.2	11	3.53	9.3
R501153		8.63	0.01	0.01	1.09	25.8	130	0.34	0.07	32.6	0.03	14.30	3.7	12	3.93	10.9
R501154		8.08	0.01	0.01	0.61	25.2	100	0.25	0.04	33.0	0.02	9.49	2.4	6	1.83	8.8
R501155		3.63	0.01	0.01	0.58	26.5	110	0.22	0.04	33.3	<0.02	9.21	2.4	6	1.79	7.9
R501156		8.64	0.04	0.05	3.55	101.5	230	0.92	0.19	19.50	0.08	40.8	12.0	34	12.40	33.3
R501157		7.89	0.01	0.03	2.71	48.7	190	0.88	0.14	22.9	0.11	37.4	9.0	26	12.35	27.0
R501158		8.18	<0.01	0.05	4.48	51.1	220	1.42	0.25	15.15	0.08	55.7	15.4	44	21.5	41.7
R501159		7.63	<0.01	0.02	1.54	24.1	170	0.55	0.08	29.3	0.05	23.0	4.9	15	6.12	15.7
R501160		0.29	2.49	0.18	3.73	6100	200	0.96	0.15	11.75	0.14	39.7	12.2	44	9.93	36.3
R501161		7.44	<0.01	0.01	0.49	13.7	120	0.23	0.03	34.1	0.02	7.20	1.7	5	1.84	6.4
R501162		7.42	0.02	0.02	0.91	31.1	100	0.32	0.05	32.1	0.06	12.75	3.1	9	2.79	9.6
R501163		7.60	<0.01	0.01	0.53	15.0	90	0.19	0.03	33.6	0.04	9.39	2.2	6	1.58	6.5
R501164		7.62	<0.01	0.01	0.48	11.0	100	0.19	0.03	34.0	0.02	8.32	1.9	5	1.42	5.5
R501165		7.69	<0.01	0.02	1.02	25.2	110	0.31	0.05	32.7	0.04	14.95	3.7	10	3.44	10.0
R501166		7.49	<0.01	0.01	0.58	23.2	100	0.25	0.04	34.9	0.03	9.40	2.2	6	1.67	6.4
R501167		4.89	0.05	0.07	0.55	87.1	90	0.21	0.04	34.4	0.03	9.30	2.2	6	1.46	6.4
R501168		4.33	0.46	0.67	0.90	>10000	100	0.22	0.05	31.7	0.03	14.80	4.5	9	2.81	11.0
R501169		6.21	2.70	1.38	1.55	>10000	240	0.39	0.08	18.30	1.06	18.15	5.1	18	3.77	16.9
R501170		5.06	<0.01	0.01	0.09	78.7	20	0.06	0.02	20.4	0.06	1.24	0.9	1	0.28	1.1
R501171		7.74	0.15	0.04	3.80	115.5	190	1.34	0.21	18.65	0.14	49.5	12.3	35	20.1	34.6
R501172		7.91	0.36	0.04	1.96	205	120	0.66	0.10	26.3	0.07	26.8	6.3	18	5.78	17.5
R501173		7.61	0.18	0.02	1.44	96.3	100	0.59	0.08	29.6	0.05	22.1	4.9	14	4.52	13.3
R501174		7.59	0.02	0.01	0.56	34.8	100	0.28	0.03	34.3	0.02	9.46	2.1	7	1.48	5.9
R501175		7.65	0.01	0.01	0.72	31.6	100	0.29	0.04	34.4	0.02	11.25	2.7	7	2.75	7.3
R501176		<0.02	0.01	0.01	0.71	30.7	100	0.30	0.04	33.3	0.02	11.15	2.7	7	2.75	7.9
R501177		7.93	0.04	0.04	1.98	623	140	0.67	0.11	27.3	0.09	28.0	6.7	22	6.34	19.8
R501178		7.56	<0.01	0.02	2.13	66.0	130	0.78	0.10	26.6	0.09	27.1	7.1	24	13.45	21.6
R501179		8.05	0.02	0.06	5.57	173.5	230	1.61	0.26	11.80	0.23	64.1	19.8	64	27.3	64.3
R501180		7.63	0.70	0.30	1.87	5830	80	0.48	0.10	23.5	0.08	26.4	6.4	20	5.04	20.2
R501181		4.99	<0.01	<0.01	0.04	12.3	30	0.06	0.02	20.2	0.06	1.04	0.7	<1	0.10	7.1
R501182		7.73	1.10	0.26	1.54	>10000	90	0.41	0.09	26.6	0.08	24.6	5.5	17	3.37	16.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145805

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501147		0.81	2.98	0.14	0.6	0.32	0.010	0.55	7.9	4.3	0.79	255	0.49	0.01	1.6	6.0
R501148		1.35	5.14	0.15	0.9	0.32	0.018	0.95	13.3	6.7	1.34	250	1.37	0.02	2.6	10.3
R501149		0.53	1.75	0.15	0.3	0.09	0.008	0.30	5.1	2.9	0.58	178	0.33	0.01	0.8	3.4
R501150		3.07	9.52	0.10	2.0	3.90	0.034	1.72	17.5	8.8	1.45	1180	1.65	0.02	6.0	23.9
R501151		0.69	2.43	0.14	0.5	0.20	0.010	0.43	7.1	3.7	0.72	197	0.47	0.01	1.2	4.7
R501152		0.72	2.55	0.13	0.5	0.27	0.007	0.47	7.0	3.6	0.76	271	0.37	0.01	1.3	5.1
R501153		0.76	3.00	0.12	0.6	0.56	0.006	0.54	7.7	4.2	0.51	162	0.28	0.01	1.5	5.8
R501154		0.47	1.79	0.13	0.3	0.37	0.007	0.30	4.7	2.2	0.38	158	0.20	0.01	0.9	4.3
R501155		0.46	1.68	0.12	0.3	0.37	0.006	0.28	4.5	2.2	0.41	163	0.19	0.01	0.9	4.2
R501156		2.27	10.15	0.21	1.9	2.25	0.041	1.75	22.2	10.5	1.23	337	2.30	0.02	5.2	21.7
R501157		1.95	7.64	0.19	1.3	1.00	0.027	1.35	20.9	9.6	1.43	448	0.99	0.02	3.9	16.6
R501158		2.81	12.90	0.20	2.2	0.63	0.052	2.27	31.2	17.8	1.60	418	2.20	0.03	6.6	27.1
R501159		1.11	4.31	0.17	0.8	0.31	0.019	0.76	11.2	6.2	0.68	195	1.34	0.02	2.4	10.1
R501160		2.84	10.45	0.13	2.1	15.4	0.034	1.80	19.7	11.5	2.49	1120	1.87	0.02	5.9	26.8
R501161		0.43	1.41	0.16	0.2	0.12	<0.005	0.24	3.5	2.4	0.47	207	0.44	0.01	0.7	3.7
R501162		0.61	2.61	0.17	0.5	0.73	0.008	0.46	6.2	3.6	0.49	137	0.65	0.01	1.4	5.9
R501163		0.42	1.55	0.15	0.3	0.21	0.007	0.26	4.7	2.3	0.39	144	0.13	0.01	0.8	3.7
R501164		0.36	1.41	0.20	0.3	0.10	<0.005	0.24	4.0	2.1	0.38	118	0.13	0.01	0.7	3.4
R501165		0.69	2.88	0.20	0.5	0.22	0.012	0.52	7.2	4.1	0.47	155	0.26	0.01	1.5	6.5
R501166		0.42	1.66	0.21	0.3	0.31	0.005	0.29	4.6	2.2	0.34	134	0.11	0.01	0.9	4.0
R501167		0.42	1.64	0.22	0.3	0.72	0.007	0.28	4.6	2.1	0.40	238	0.10	0.01	0.9	3.6
R501168		0.67	2.71	0.19	0.5	1.31	0.018	0.45	6.4	2.9	0.27	930	0.26	0.01	1.3	7.7
R501169		1.29	4.44	0.15	0.8	3.90	0.020	0.73	8.7	26.2	0.32	721	1.31	0.01	2.2	10.2
R501170		0.47	0.37	0.26	<0.1	<0.01	<0.005	0.04	0.6	1.2	12.45	207	0.08	0.01	0.2	2.6
R501171		2.56	10.75	0.25	2.1	3.11	0.037	1.87	27.3	12.9	1.42	532	1.90	0.03	5.5	21.6
R501172		1.47	5.47	0.23	1.0	2.39	0.020	0.97	14.3	5.9	1.07	572	0.87	0.01	2.8	11.0
R501173		1.23	4.17	0.20	0.8	1.45	0.016	0.72	11.9	4.7	0.89	374	0.66	0.01	2.1	8.5
R501174		0.42	1.61	0.17	0.3	0.62	0.007	0.28	4.7	1.9	0.38	160	0.14	0.01	0.9	3.7
R501175		0.52	2.04	0.19	0.4	0.77	0.007	0.36	5.5	2.4	0.40	179	0.25	0.01	1.1	4.8
R501176		0.52	2.06	0.21	0.4	0.80	0.008	0.35	5.5	2.4	0.38	171	0.28	0.01	1.1	4.7
R501177		1.45	5.67	0.20	1.0	2.03	0.022	0.97	14.0	6.0	1.08	403	0.89	0.02	2.9	12.5
R501178		1.67	6.02	0.21	1.2	0.87	0.023	1.05	13.1	9.0	1.04	518	0.64	0.02	3.2	12.6
R501179		3.46	15.50	0.22	2.9	3.89	0.060	2.80	31.4	20.0	1.79	632	1.30	0.03	8.2	35.2
R501180		1.58	5.37	0.18	1.0	2.74	0.024	0.91	12.0	6.0	3.27	978	0.55	0.01	2.7	11.8
R501181		0.45	0.24	0.27	<0.1	<0.01	0.005	0.02	0.5	0.9	12.45	184	0.21	<0.01	0.1	2.0
R501182		1.18	4.51	0.22	0.8	2.89	0.020	0.75	11.4	4.8	1.92	979	0.49	0.01	2.3	9.9

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Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145805

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
R501147		130	3.9	21.8	0.003	0.67	0.22	2.8	1	0.3	1320	0.11	<0.05	1.7	0.067	0.29
R501148		150	6.6	38.2	0.005	1.25	0.21	4.4	1	0.6	1160	0.18	<0.05	3.0	0.110	0.67
R501149		140	2.3	12.2	<0.002	0.39	0.10	1.8	1	0.2	1785	0.06	<0.05	1.0	0.037	0.18
R501150		370	8.2	76.8	<0.002	2.56	9.19	8.6	2	1.2	736	0.39	0.07	5.3	0.276	10.70
R501151		150	3.1	17.1	0.002	0.56	0.12	2.4	<1	0.3	1595	0.08	<0.05	1.4	0.052	0.30
R501152		140	3.4	18.4	<0.002	0.62	0.14	2.5	1	0.3	1485	0.10	<0.05	1.5	0.058	0.55
R501153		140	3.9	21.8	<0.002	0.68	0.34	2.6	1	0.3	1765	0.11	<0.05	1.8	0.065	1.07
R501154		270	2.9	12.2	0.002	0.41	0.34	1.7	1	0.2	1450	0.07	<0.05	1.1	0.034	0.68
R501155		270	2.9	11.5	<0.002	0.40	0.32	1.7	1	0.4	1510	0.07	<0.05	1.0	0.032	0.62
R501156		260	12.4	74.5	0.006	2.20	1.86	8.6	1	1.2	861	0.40	0.05	6.0	0.196	3.68
R501157		210	8.9	57.3	0.003	1.75	0.72	7.8	1	0.9	1200	0.28	<0.05	4.5	0.151	2.40
R501158		220	16.9	97.8	0.005	2.52	0.40	11.4	2	1.5	885	0.49	0.08	7.6	0.259	2.34
R501159		230	5.4	32.4	0.004	1.01	0.19	4.3	1	0.5	1750	0.16	<0.05	2.7	0.090	0.78
R501160		430	10.7	79.5	<0.002	2.54	21.5	10.2	1	1.5	298	0.44	<0.05	6.0	0.266	42.6
R501161		520	1.9	10.0	0.002	0.35	0.12	1.4	<1	0.2	1440	0.05	<0.05	0.8	0.028	0.26
R501162		110	3.4	18.5	<0.002	0.61	0.82	2.2	1	0.3	1400	0.10	<0.05	1.5	0.050	0.70
R501163		450	2.7	10.8	<0.002	0.36	0.10	1.5	1	0.2	1530	0.06	<0.05	1.0	0.030	0.31
R501164		880	2.4	9.6	<0.002	0.32	0.09	1.4	1	0.2	1480	0.05	<0.05	0.8	0.027	0.26
R501165		490	3.9	20.3	0.002	0.70	0.22	2.5	1	0.3	1460	0.11	<0.05	1.7	0.058	0.99
R501166		180	2.8	12.0	<0.002	0.39	0.27	1.6	<1	0.2	1550	0.06	<0.05	1.0	0.033	0.86
R501167		170	3.0	12.3	<0.002	0.38	1.72	1.6	1	0.2	1430	0.06	<0.05	1.0	0.032	1.91
R501168		970	8.0	19.4	<0.002	1.62	83.9	2.7	1	0.3	1180	0.10	0.05	1.6	0.052	3.98
R501169		700	9.4	32.3	0.003	3.98	243	3.6	5	0.7	1110	0.16	0.13	2.6	0.083	8.06
R501170		180	1.1	1.9	<0.002	0.01	0.26	0.2	<1	<0.2	42.5	<0.05	<0.05	<0.2	<0.005	0.02
R501171		240	13.4	83.8	0.005	2.41	2.24	9.3	2	1.3	929	0.40	0.07	6.4	0.213	11.85
R501172		170	6.4	40.8	0.003	1.28	4.08	4.9	1	0.6	1050	0.20	<0.05	3.3	0.108	6.80
R501173		240	5.3	30.3	<0.002	1.07	1.63	4.0	1	0.5	1180	0.16	<0.05	2.6	0.081	5.33
R501174		380	2.7	11.4	<0.002	0.39	0.65	1.5	1	0.2	1470	0.06	<0.05	1.0	0.033	1.42
R501175		370	3.0	14.9	<0.002	0.50	0.58	1.8	<1	0.2	1410	0.08	<0.05	1.2	0.041	1.70
R501176		370	3.0	14.9	<0.002	0.50	0.58	1.8	1	0.3	1380	0.08	<0.05	1.2	0.040	1.72
R501177		250	8.5	40.4	0.003	1.21	3.83	5.6	1	0.6	1350	0.21	<0.05	3.4	0.117	4.54
R501178		200	7.4	46.1	0.002	1.21	0.38	6.5	1	0.7	1270	0.24	<0.05	3.3	0.140	4.01
R501179		290	22.7	116.0	0.005	3.15	1.95	14.9	2	1.8	623	0.62	0.07	8.5	0.400	12.05
R501180		210	14.9	38.9	<0.002	1.43	24.8	6.3	2	0.6	806	0.20	0.05	3.2	0.113	8.38
R501181		180	1.1	0.7	<0.002	<0.01	<0.05	0.1	1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	0.02
R501182		210	13.0	32.2	0.003	1.67	54.1	4.4	1	0.5	1070	0.16	<0.05	2.7	0.092	9.75

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145805

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
R501147		2.1	19	0.3	10.4	16	18.8	
R501148		2.4	32	0.4	11.8	25	30.5	
R501149		1.7	12	0.1	9.0	6	11.3	
R501150		2.3	74	5.5	15.0	48	63.6	
R501151		1.8	15	0.2	10.0	7	14.9	
R501152		1.9	15	0.2	9.1	18	16.0	
R501153		2.0	17	0.4	9.2	9	17.3	
R501154		1.9	9	0.3	7.0	4	11.7	
R501155		1.9	8	0.3	6.9	3	11.2	
R501156		3.1	59	1.5	14.5	40	59.1	
R501157		2.2	44	0.8	20.5	57	47.1	
R501158		2.7	74	0.9	22.0	55	74.7	
R501159		3.2	27	0.4	14.1	13	27.4	
R501160		6.3	82	8.0	17.1	45	68.7	
R501161		1.8	9	0.2	5.6	5	10.0	
R501162		2.2	15	0.5	6.9	14	15.4	
R501163		2.1	8	0.2	7.5	12	10.3	
R501164		2.1	7	0.1	7.1	4	10.0	
R501165		2.4	15	0.2	8.4	11	17.4	
R501166		1.8	8	0.2	7.3	6	10.7	
R501167		1.9	8	0.4	7.5	3	10.9	
R501168		2.3	14	0.8	9.6	4	17.3	1.910
R501169		4.2	28	2.0	13.7	98	27.4	6.03
R501170		0.5	2	0.2	0.8	16	<0.5	
R501171		2.9	63	1.9	20.1	54	64.5	
R501172		1.7	32	2.0	15.0	29	33.7	
R501173		2.1	23	1.0	14.5	19	25.9	
R501174		2.1	8	0.4	7.6	4	10.8	
R501175		2.1	11	0.5	7.7	6	13.3	
R501176		2.1	11	0.5	7.6	7	13.9	
R501177		2.5	38	2.0	15.9	18	34.1	
R501178		1.7	43	0.5	16.4	20	37.3	
R501179		2.5	115	3.0	20.6	54	92.5	
R501180		2.3	36	2.5	19.3	6	31.5	
R501181		0.5	2	0.1	0.7	14	<0.5	
R501182		2.4	28	2.2	15.2	5	26.7	1.545

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VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145805

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

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Finalized Date: 28- SEP- 2014
Account: RCM

CERTIFICATE WH14145806

Project: NADALEEN

P.O. No.: BATCH 14- 038

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

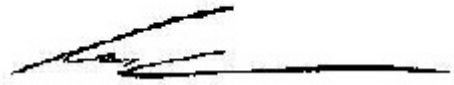
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145806

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
R501183		8.38	0.25	0.03	1.70	125.0	130	0.55	0.09	28.0	0.08	26.7	5.9	17	4.39	17.6
R501184		8.47	10.50	0.45	2.38	>10000	110	0.47	0.13	16.30	0.32	32.1	9.3	30	4.61	29.1
R501185		8.95	16.70	3.06	1.88	>10000	110	0.29	0.11	21.9	0.33	24.0	6.4	22	3.70	24.5
R501186		5.04	0.01	0.03	0.05	34.3	20	0.06	0.04	20.7	0.07	0.98	0.8	1	0.16	2.8
R501187		8.56	0.40	0.07	0.42	988	80	0.14	0.02	33.8	0.03	8.05	1.8	5	0.84	6.4
R501188		8.67	1.04	0.25	1.60	7500	110	0.37	0.08	27.4	0.09	20.7	6.0	18	6.01	19.2
R501189		8.37	0.47	0.22	0.55	310	110	0.18	0.03	34.2	0.09	10.15	2.3	6	1.31	6.6
R501190		0.28	8.04	0.31	3.83	>10000	180	0.66	0.20	10.20	0.72	42.7	12.4	46	8.77	65.3
R501191		8.42	0.61	0.25	0.52	208	90	0.16	0.03	33.6	0.12	9.98	2.0	6	1.14	8.2
R501192		8.83	2.94	0.99	0.75	517	70	0.20	0.04	26.7	0.32	14.05	2.8	8	1.46	10.3
R501193		8.78	0.44	0.09	0.70	131.5	90	0.22	0.05	34.2	0.07	11.75	2.6	8	1.63	9.5
R501194		8.41	0.15	0.02	0.55	88.3	80	0.22	0.03	33.1	0.06	9.86	2.2	6	1.29	8.7
R501195		3.73	0.20	0.02	0.61	101.0	80	0.24	0.04	33.8	0.06	11.20	2.3	6	1.45	8.6
R501196		7.81	1.73	0.13	0.90	1890	110	0.25	0.05	31.9	0.17	16.30	3.4	10	1.96	11.9
R501197		7.99	4.37	0.24	1.64	>10000	80	0.30	0.10	18.30	0.26	32.9	5.6	20	3.49	23.6
R501198		5.07	<0.01	<0.01	0.13	80.2	20	0.06	0.02	20.6	0.05	1.59	0.9	3	0.17	2.3
R501199		7.89	1.80	0.64	0.77	>10000	50	0.15	0.04	28.6	0.20	13.05	2.8	9	1.49	12.5
R501200		7.93	0.23	0.06	0.39	>10000	70	0.15	0.03	34.3	0.04	6.07	1.7	5	0.91	5.8
R501201		7.78	0.26	0.17	0.57	7270	80	0.17	0.03	34.5	0.08	8.72	2.2	7	1.41	7.9
R501202		8.15	0.30	0.03	1.00	>10000	180	0.28	0.05	31.8	0.10	14.95	3.7	12	2.78	12.6
R501203		7.62	0.15	0.02	0.73	146.5	130	0.28	0.04	34.3	0.11	12.00	2.7	7	1.83	9.5
R501204		0.29	2.56	0.19	3.86	6340	280	0.92	0.14	11.95	0.18	41.2	11.9	45	10.70	37.4
R501205		7.86	0.11	0.02	0.62	124.0	120	0.25	0.04	33.5	0.07	10.60	2.4	6	1.87	8.1
R501206		7.23	0.17	0.03	0.34	91.2	100	0.14	0.02	35.7	0.07	6.37	1.5	4	0.95	5.3
R501207		7.31	0.15	0.04	0.29	99.0	100	0.14	0.02	36.0	0.04	5.46	1.3	4	0.73	4.4
R501208		7.70	0.05	0.02	0.45	69.8	110	0.18	0.03	33.9	0.06	7.14	1.8	5	1.20	6.0
R501209		7.79	0.06	0.01	0.52	104.0	90	0.16	0.03	34.9	0.07	8.09	2.3	6	1.89	7.3
R501210		<0.02	0.09	0.02	0.54	103.5	100	0.18	0.03	34.9	0.08	7.81	2.2	6	1.92	7.3
R501211		7.62	0.09	0.01	0.23	178.5	100	0.13	0.02	36.4	0.04	5.33	1.2	3	0.57	4.1
R501212		5.24	2.01	0.04	1.18	>10000	120	0.29	0.07	28.9	0.22	21.2	4.2	13	2.44	15.0
R501213		4.14	0.33	0.01	0.54	251	100	0.17	0.03	34.3	0.09	8.64	2.0	6	1.25	6.5
R501214		8.44	0.90	0.01	0.64	3600	80	0.17	0.03	31.6	0.09	10.45	2.5	8	2.01	8.3
R501215		8.35	1.61	0.02	0.59	2370	80	0.13	0.03	31.0	0.10	13.45	2.2	7	1.45	8.1
R501216		8.50	0.96	0.05	0.93	374	90	0.21	0.04	30.5	0.15	12.05	3.6	10	2.96	11.8
R501217		7.81	1.75	0.49	0.49	>10000	40	0.12	0.03	29.5	0.11	7.42	1.8	6	1.14	6.5
R501218		4.76	16.30	0.46	0.82	>10000	30	0.15	0.05	13.45	0.36	14.20	3.0	10	1.43	15.0

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Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145806

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501183		1.22	4.78	0.17	0.9	2.29	0.017	0.85	12.7	6.0	0.98	509	0.52	0.01	2.6	11.1
R501184		2.41	7.10	0.14	1.3	13.1	0.020	1.14	14.9	14.3	1.36	3470	0.84	0.01	3.4	18.0
R501185		2.60	5.11	0.12	0.9	24.8	0.023	0.90	10.8	7.3	1.51	4440	0.56	0.01	2.4	11.9
R501186		0.46	0.18	0.09	<0.1	0.03	<0.005	0.02	0.5	1.0	12.70	203	0.15	<0.01	0.1	1.6
R501187		0.38	1.26	0.13	0.2	0.92	0.008	0.20	3.5	1.6	0.46	993	0.15	0.01	0.6	3.5
R501188		1.09	4.47	0.16	0.8	3.36	0.017	0.79	9.6	8.9	0.61	1400	0.43	0.01	2.3	10.7
R501189		0.44	1.71	0.18	0.3	1.22	0.011	0.27	4.5	2.9	0.34	983	0.22	0.01	0.9	4.3
R501190		3.03	11.45	<0.05	2.0	26.8	0.040	1.79	23.4	13.2	0.36	761	3.84	0.02	5.9	29.3
R501191		0.42	1.59	<0.05	0.3	1.35	0.009	0.25	4.6	3.8	0.37	701	0.18	0.01	0.8	3.3
R501192		0.63	2.28	<0.05	0.4	4.28	0.011	0.36	6.5	13.1	0.20	1360	0.24	0.01	1.0	4.8
R501193		0.54	2.17	0.05	0.4	1.63	0.010	0.35	5.6	3.0	0.37	316	0.20	0.01	1.1	4.6
R501194		0.44	1.63	0.09	0.3	1.29	0.007	0.26	4.7	2.8	0.42	249	0.19	0.01	0.8	3.9
R501195		0.49	1.77	0.09	0.3	1.40	0.010	0.29	5.3	3.1	0.42	254	0.21	0.01	0.9	4.1
R501196		0.69	2.61	0.08	0.4	3.40	0.012	0.43	7.9	5.5	0.27	427	0.29	0.01	1.4	6.0
R501197		1.53	4.83	0.07	0.9	18.8	0.023	0.77	15.4	18.7	0.20	440	0.77	0.01	2.3	11.3
R501198		0.47	0.42	0.17	<0.1	0.02	0.006	0.05	0.8	1.1	12.50	195	0.08	0.01	0.3	2.0
R501199		0.62	2.30	0.10	0.4	7.38	0.021	0.36	6.3	7.6	0.20	1320	0.31	0.01	1.1	5.4
R501200		0.28	1.15	0.07	0.2	1.20	0.009	0.19	3.0	2.1	0.26	401	0.12	0.01	0.6	2.7
R501201		0.39	1.72	0.08	0.3	1.49	0.011	0.28	4.3	2.5	0.23	621	0.19	0.01	0.9	3.7
R501202		0.70	2.79	0.10	0.6	2.29	0.014	0.49	7.0	5.0	0.41	215	0.25	0.01	1.7	6.3
R501203		0.54	2.06	0.08	0.4	1.39	0.008	0.36	5.8	3.4	0.62	203	0.24	0.01	1.1	4.7
R501204		2.94	10.65	0.09	2.1	15.3	0.040	1.88	21.1	12.8	2.58	1150	1.85	0.02	6.0	25.9
R501205		0.44	1.81	0.06	0.3	1.25	0.008	0.30	5.2	3.1	0.47	227	0.23	0.01	1.0	3.7
R501206		0.25	1.08	0.08	0.2	0.91	0.006	0.16	3.1	2.0	0.31	483	0.18	0.01	0.5	2.2
R501207		0.23	0.92	0.09	0.2	1.20	0.007	0.13	2.6	1.7	0.25	425	0.11	0.01	0.5	1.9
R501208		0.33	1.32	0.08	0.3	1.68	0.005	0.21	3.4	2.3	0.33	154	0.11	0.01	0.7	2.8
R501209		0.38	1.51	0.09	0.3	2.58	<0.005	0.24	3.8	3.1	0.26	229	0.15	0.01	0.8	3.8
R501210		0.40	1.49	0.08	0.3	2.73	0.007	0.24	3.7	3.1	0.26	244	0.15	0.01	0.8	3.6
R501211		0.19	0.74	0.08	0.1	1.34	0.005	0.10	2.5	1.3	0.26	165	0.09	0.01	0.4	1.7
R501212		0.90	3.24	0.08	0.6	11.10	0.013	0.55	9.8	12.0	0.23	394	0.56	0.01	1.7	7.6
R501213		0.40	1.59	0.07	0.3	3.10	0.006	0.25	4.0	2.7	0.26	392	0.24	0.01	0.8	3.1
R501214		0.50	1.79	0.10	0.4	4.95	0.011	0.31	4.9	6.4	0.20	324	0.19	0.01	1.0	4.2
R501215		0.47	1.73	0.10	0.3	7.56	0.020	0.27	5.9	8.3	0.17	312	0.24	0.01	0.9	3.7
R501216		0.66	2.60	0.07	0.5	6.20	0.019	0.46	5.8	5.8	0.23	628	0.27	0.01	1.4	6.2
R501217		0.43	1.49	0.06	0.2	3.86	0.025	0.23	3.5	7.5	0.15	3590	0.18	<0.01	0.7	3.1
R501218		1.51	2.42	<0.05	0.4	28.0	0.035	0.38	6.6	21.4	0.58	1600	0.35	<0.01	1.0	5.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145806

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
R501183		210	9.4	35.3	0.003	1.05	3.89	4.8	1	0.5	1520	0.20	<0.05	2.9	0.105	6.59
R501184		960	23.2	49.7	0.003	3.89	117.0	6.8	2	0.7	457	0.24	0.13	3.8	0.167	39.1
R501185		960	23.7	39.2	0.002	3.21	105.0	6.9	2	0.6	582	0.18	0.12	2.9	0.124	62.9
R501186		180	1.3	1.1	<0.002	0.01	0.23	0.2	<1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	0.33
R501187		250	4.9	8.7	<0.002	0.39	5.69	1.5	1	<0.2	1520	0.05	<0.05	0.7	0.025	2.65
R501188		200	15.2	33.5	<0.002	1.49	29.2	5.0	1	0.5	1160	0.17	<0.05	2.5	0.111	9.59
R501189		550	4.1	11.9	0.002	0.48	4.29	3.2	<1	0.2	1620	0.06	<0.05	1.0	0.036	4.01
R501190		530	20.3	85.1	0.005	3.53	103.5	9.4	2	1.9	446	0.44	0.12	7.2	0.219	68.0
R501191		220	3.6	11.4	0.003	0.41	4.04	5.8	<1	0.2	1635	0.06	<0.05	1.0	0.028	4.24
R501192		180	4.9	16.8	0.004	0.70	11.40	12.8	1	0.2	985	0.08	<0.05	1.3	0.041	11.05
R501193		510	4.7	15.6	0.003	0.55	3.27	2.7	<1	0.3	1655	0.08	<0.05	1.3	0.042	4.85
R501194		630	4.5	11.7	0.003	0.42	2.10	2.2	<1	0.2	1620	0.06	<0.05	1.0	0.030	3.34
R501195		620	4.8	12.9	0.003	0.48	2.52	2.1	1	0.2	1705	0.06	<0.05	1.1	0.033	3.86
R501196		170	5.7	19.5	0.003	0.85	11.10	6.5	1	0.3	1545	0.10	<0.05	1.8	0.051	9.42
R501197		1110	10.7	37.1	0.005	4.14	36.2	5.1	1	0.8	567	0.17	<0.05	3.3	0.089	38.6
R501198		210	1.4	1.8	0.002	0.01	0.08	0.5	<1	<0.2	50.3	<0.05	<0.05	<0.2	0.011	0.06
R501199		470	5.0	17.3	0.004	2.24	103.5	2.9	2	0.4	966	0.07	0.06	1.4	0.042	11.65
R501200		150	2.1	8.7	0.003	1.13	23.7	1.5	<1	0.2	1320	<0.05	<0.05	0.7	0.023	2.80
R501201		400	3.3	12.6	0.003	0.74	21.5	2.0	1	0.2	1290	0.06	<0.05	1.0	0.035	3.43
R501202		540	5.3	21.4	0.003	1.69	62.2	2.9	1	0.3	1440	0.13	0.05	1.8	0.077	4.45
R501203		340	3.7	15.6	0.003	0.55	2.06	2.0	1	0.3	1835	0.07	<0.05	1.3	0.041	2.72
R501204		450	11.5	84.0	0.003	2.60	23.2	10.5	1	1.6	325	0.44	<0.05	6.5	0.268	45.8
R501205		200	3.4	13.6	0.003	0.46	1.44	1.7	1	0.2	1775	0.07	<0.05	1.2	0.036	2.24
R501206		190	1.9	7.1	0.003	0.26	1.51	1.0	<1	<0.2	1740	<0.05	<0.05	0.6	0.019	1.75
R501207		250	1.4	6.1	0.002	0.24	1.54	1.0	<1	<0.2	1675	<0.05	<0.05	0.6	0.019	1.63
R501208		170	2.0	9.4	0.003	0.35	0.52	1.2	<1	0.2	1835	0.05	<0.05	0.8	0.032	1.75
R501209		200	2.1	10.3	0.003	0.41	0.62	1.5	<1	0.2	1685	0.05	<0.05	0.9	0.038	3.01
R501210		200	2.0	10.3	0.003	0.43	0.61	1.4	<1	0.2	1680	0.05	<0.05	0.9	0.040	2.98
R501211		160	1.1	4.6	0.002	0.19	0.25	0.9	<1	<0.2	1840	<0.05	<0.05	0.5	0.014	1.52
R501212		1030	6.7	24.4	0.004	1.87	3.07	2.3	1	0.4	1450	0.12	<0.05	2.2	0.068	12.50
R501213		340	2.8	11.0	0.004	0.43	0.74	2.0	<1	0.2	1630	0.05	<0.05	1.0	0.030	4.39
R501214		270	3.0	14.2	0.004	0.70	1.95	3.0	1	0.2	1435	0.07	<0.05	1.2	0.045	6.26
R501215		890	3.5	12.3	0.004	0.62	2.19	4.4	1	0.2	1250	0.06	<0.05	1.3	0.034	8.27
R501216		360	3.6	20.1	0.003	0.76	2.98	4.0	1	0.3	1335	0.10	<0.05	1.5	0.067	8.51
R501217		660	3.5	10.6	0.003	1.50	48.0	4.6	2	0.2	676	0.05	<0.05	0.8	0.027	7.85
R501218		870	13.6	17.3	0.003	8.72	133.5	3.3	2	0.6	134.5	0.07	0.08	1.6	0.042	56.4

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145806

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	As- OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
R501183		2.4	31	2.3	16.2	8	29.6	
R501184		2.9	51	4.7	19.5	13	47.3	3.22
R501185		2.8	36	4.1	16.4	9	35.8	1.215
R501186		0.6	2	0.1	0.7	15	<0.5	
R501187		1.4	7	0.8	7.1	2	7.7	
R501188		2.6	28	3.4	11.9	7	26.6	
R501189		2.0	10	1.0	9.9	4	11.4	
R501190		4.3	63	8.9	22.6	133	65.7	3.48
R501191		1.4	9	0.7	9.5	8	10.3	
R501192		2.0	15	1.2	14.1	23	12.3	
R501193		1.6	12	1.0	9.5	6	13.7	
R501194		1.3	9	0.9	8.5	5	10.3	
R501195		1.4	10	0.9	9.0	5	11.3	
R501196		2.5	16	1.6	12.4	14	14.9	
R501197		5.2	29	3.2	17.9	26	29.6	5.35
R501198		0.6	4	0.2	1.0	13	<0.5	
R501199		2.4	13	1.9	9.5	24	13.8	3.26
R501200		1.3	7	0.7	5.5	4	7.2	1.780
R501201		1.5	10	1.2	7.2	6	10.7	
R501202		2.2	16	2.4	10.7	11	20.0	1.900
R501203		1.8	12	1.0	8.8	8	12.5	
R501204		6.8	82	8.2	19.2	44	72.0	
R501205		1.5	10	1.0	7.7	6	10.7	
R501206		1.1	6	0.6	4.9	4	6.4	
R501207		1.2	5	0.7	5.2	3	5.8	
R501208		1.2	8	0.9	5.2	3	9.2	
R501209		1.6	9	1.1	6.6	7	10.5	
R501210		1.6	9	1.2	6.4	7	10.7	
R501211		1.4	5	0.5	5.8	3	5.8	
R501212		3.4	21	3.0	12.5	30	19.6	1.710
R501213		1.7	10	1.4	8.1	12	9.7	
R501214		1.9	12	1.9	9.5	11	12.4	
R501215		2.7	11	1.6	14.5	12	11.6	
R501216		2.1	16	2.8	12.0	16	16.7	
R501217		2.4	9	1.7	15.3	12	9.1	2.02
R501218		4.0	15	2.4	9.2	44	14.9	16.95

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145806

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- OCT- 2014
Account: RCM

CERTIFICATE WH14145807

Project: NADALEEN

P.O. No.: BATCH 14- 039

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

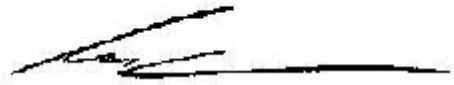
ALS CODE	DESCRIPTION	INSTRUMENT
As- OG62	Ore Grade As - Four Acid	VARIABLE
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 1- OCT- 2014
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CERTIFICATE OF ANALYSIS WH14145807

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
R501219		3.86	10.55	0.93	1.12	>10000	50	0.18	0.08	23.4	0.14	18.35	5.1	14	1.83	22.8
R501220		5.11	0.01	0.01	0.04	43.6	20	<0.05	0.03	20.8	0.06	0.96	1.1	1	0.07	4.4
R501221		8.02	1.06	0.11	0.91	3270	80	0.23	0.06	28.3	0.06	14.45	3.9	10	2.14	14.1
R501222		7.79	0.09	0.03	1.30	195.5	140	0.34	0.08	30.4	0.05	21.2	5.2	14	3.17	17.0
R501223		7.70	0.19	0.03	1.38	234	110	0.38	0.08	29.4	0.06	22.2	5.6	14	3.63	19.6
R501224		7.83	0.03	0.01	0.31	116.5	60	0.13	0.03	34.1	0.02	6.07	2.0	4	0.56	7.4
R501225		0.26	2.54	0.17	3.86	6300	210	0.98	0.14	12.40	0.14	40.7	12.2	46	10.35	38.0
R501226		7.39	0.11	0.04	0.98	651	70	0.29	0.05	26.6	0.03	15.70	3.7	11	2.56	13.3
R501227		7.89	0.07	0.06	0.78	71.2	40	0.20	0.05	21.7	0.03	10.80	2.8	7	1.62	10.9
R501228		8.01	0.01	0.03	1.46	117.0	90	0.41	0.09	28.1	0.05	21.2	5.2	15	4.63	17.6
R501229		8.15	0.01	0.02	0.88	37.8	100	0.39	0.06	33.6	0.05	14.20	3.8	10	2.96	12.2
R501230		7.53	0.01	0.02	0.81	27.6	100	0.33	0.05	35.1	0.04	14.40	3.5	9	2.73	11.8
R501231		7.38	<0.01	0.01	0.53	16.5	50	0.21	0.04	31.1	0.02	8.93	2.6	6	1.89	9.4
R501232		3.71	<0.01	0.01	0.46	13.9	70	0.18	0.03	31.1	0.02	8.16	2.2	5	1.41	8.4
R501233		8.40	<0.01	0.03	0.97	42.5	60	0.34	0.05	31.2	0.03	13.95	4.1	12	4.98	12.7
R501234		7.08	0.01	0.09	3.27	70.5	140	0.96	0.15	20.3	0.03	38.1	10.0	32	15.60	32.0
R501235		6.82	0.01	0.06	1.96	49.1	100	0.61	0.10	25.4	0.03	28.7	7.0	21	8.45	22.3
R501236		0.26	0.47	0.10	3.71	2660	200	0.90	0.13	18.75	0.11	37.9	11.0	44	9.66	42.3
R501237		7.56	<0.01	0.04	2.01	44.2	140	0.55	0.11	24.9	0.05	31.8	6.8	20	8.22	21.9
R501238		7.81	<0.01	0.05	3.33	47.6	180	0.91	0.15	22.8	0.07	41.1	10.9	34	17.00	36.3
R501239		7.96	<0.01	0.05	3.79	54.1	190	1.06	0.17	19.90	0.07	43.0	14.1	43	16.10	39.5
R501240		7.97	0.01	0.05	4.53	32.2	210	1.21	0.21	18.20	0.10	58.7	14.2	45	22.4	41.5
R501241		7.63	0.01	0.03	2.20	14.3	140	0.71	0.11	27.7	0.04	33.0	7.9	24	11.15	23.2
R501242		8.44	<0.01	0.02	1.10	7.9	100	0.49	0.06	32.6	0.04	19.15	4.5	12	4.61	12.9
R501243		<0.02	0.01	0.02	1.10	7.9	100	0.41	0.06	32.4	0.04	18.65	4.3	12	4.58	13.0
R501244		8.60	0.01	0.03	1.84	11.6	120	0.59	0.08	28.7	0.07	26.6	6.7	21	8.32	20.6
R501245		8.34	0.01	0.03	1.70	9.1	150	0.49	0.08	30.4	0.06	19.95	5.8	18	8.91	17.7
R501246		8.20	0.01	0.06	4.43	17.1	200	1.21	0.20	16.10	0.27	51.7	15.7	48	23.6	44.9
R501247		8.47	0.01	0.04	2.94	12.7	170	0.84	0.13	24.3	0.14	37.0	10.5	32	15.60	30.5
R501248		9.00	0.01	0.01	0.72	3.7	130	0.35	0.04	33.7	0.03	13.65	3.5	9	3.30	10.7
R501249		8.34	<0.01	0.02	2.16	10.5	160	0.69	0.09	27.6	0.13	26.4	7.5	23	9.87	22.6
R501250		4.99	0.01	<0.01	0.05	0.4	30	0.07	0.05	21.1	0.07	1.13	1.2	1	0.15	3.1
R501251		8.79	0.01	0.01	1.18	6.7	120	0.41	0.06	32.7	0.06	15.60	4.6	13	4.34	13.7
R501252		8.32	0.01	0.01	0.48	4.6	130	0.23	0.03	35.1	0.03	8.38	2.7	6	1.38	7.7
R501253		8.42	0.08	0.02	1.01	5.9	140	0.40	0.06	33.6	0.04	15.60	4.1	12	3.45	12.6
R501254		8.21	0.12	0.03	1.73	7.5	150	0.48	0.08	31.4	0.16	25.0	6.7	20	6.71	21.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- OCT- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145807

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501219		2.14	3.13	0.06	0.6	6.30	0.016	0.51	8.7	2.7	6.17	4080	0.52	0.01	1.7	9.4
R501220		0.49	0.12	<0.05	<0.1	0.01	<0.005	0.01	0.5	0.7	13.20	206	0.15	<0.01	0.1	2.1
R501221		1.22	2.48	<0.05	0.5	1.40	0.014	0.44	6.3	2.6	4.12	1440	0.26	0.01	1.3	6.2
R501222		0.97	3.43	0.05	0.6	1.60	0.018	0.63	10.5	3.6	1.03	344	0.33	0.01	1.9	8.7
R501223		1.14	3.70	0.06	0.7	2.35	0.018	0.65	11.0	3.7	1.39	597	0.40	0.01	2.1	9.5
R501224		0.52	0.85	<0.05	0.2	0.62	0.005	0.15	2.8	1.0	1.69	544	0.15	0.01	0.5	2.7
R501225		2.96	10.30	0.07	2.0	15.0	0.029	1.85	21.4	10.8	2.64	1180	1.85	0.02	6.0	27.4
R501226		1.26	2.62	0.05	0.6	1.46	0.011	0.46	7.2	3.1	5.40	683	0.26	0.01	1.4	6.0
R501227		1.39	2.09	<0.05	0.4	0.55	0.010	0.37	5.3	2.6	9.54	739	0.17	0.01	1.0	4.5
R501228		1.37	3.66	0.05	0.7	1.01	0.016	0.69	9.5	3.9	3.71	422	0.78	0.01	2.0	9.3
R501229		0.70	2.39	<0.05	0.4	0.58	0.010	0.43	6.9	2.7	0.70	209	0.38	0.01	1.3	6.0
R501230		0.65	2.07	<0.05	0.4	0.39	0.007	0.39	7.0	2.7	1.00	249	0.51	0.01	1.2	5.3
R501231		0.67	1.42	<0.05	0.3	0.20	0.006	0.25	4.5	2.1	4.83	391	0.37	0.01	0.8	3.9
R501232		0.63	1.16	<0.05	0.2	0.16	0.006	0.22	4.0	1.7	5.18	376	0.32	0.01	0.7	3.3
R501233		0.98	2.44	<0.05	0.5	0.41	0.012	0.45	6.4	3.9	2.37	415	0.32	0.01	1.3	6.7
R501234		2.28	8.17	0.07	1.5	0.82	0.028	1.57	20.8	10.8	3.19	559	0.75	0.02	4.7	18.0
R501235		1.69	5.16	0.08	0.9	0.53	0.023	0.93	13.6	6.3	3.67	551	0.55	0.01	2.9	12.2
R501236		3.11	9.38	0.07	1.8	4.12	0.030	1.77	19.1	8.5	1.47	1210	1.53	0.02	5.9	24.7
R501237		1.43	5.16	0.09	1.0	0.61	0.022	0.96	16.8	6.8	2.80	343	0.86	0.02	2.8	12.5
R501238		2.00	8.44	0.10	1.6	0.73	0.028	1.60	21.9	12.3	1.21	297	1.04	0.02	4.7	20.1
R501239		2.66	10.15	0.11	1.8	0.80	0.032	1.82	25.2	13.4	2.67	459	0.98	0.02	5.5	23.5
R501240		2.42	11.65	0.13	2.3	0.51	0.044	2.17	31.0	18.4	1.09	318	1.04	0.03	7.0	24.8
R501241		1.60	5.65	0.08	1.1	0.24	0.023	1.06	16.9	8.4	1.19	344	0.58	0.02	3.4	13.7
R501242		0.86	2.89	0.05	0.5	0.11	0.012	0.53	8.9	4.2	0.66	404	0.38	0.01	1.5	7.3
R501243		0.86	2.84	0.07	0.5	0.11	0.015	0.53	8.7	4.3	0.66	395	0.39	0.01	1.5	7.2
R501244		1.41	4.62	0.08	0.9	0.18	0.019	0.88	13.5	6.8	1.19	332	0.56	0.02	2.6	11.8
R501245		1.31	4.12	0.07	0.7	0.14	0.017	0.83	9.6	6.0	0.73	385	0.52	0.02	2.3	10.1
R501246		2.67	11.55	0.12	2.1	0.38	0.045	2.11	26.9	16.7	1.30	463	1.25	0.03	6.3	28.2
R501247		1.93	7.54	0.09	1.5	0.28	0.030	1.41	18.9	10.6	1.05	451	0.84	0.02	4.1	18.9
R501248		0.70	1.91	0.05	0.3	0.08	0.012	0.34	6.3	3.7	0.62	302	0.29	0.02	1.0	5.1
R501249		1.48	5.49	0.08	1.1	0.19	0.023	1.05	13.2	9.7	0.73	389	0.44	0.02	3.2	12.9
R501250		0.47	0.18	0.05	<0.1	<0.01	<0.005	0.02	0.5	1.0	13.30	214	0.09	<0.01	0.2	2.2
R501251		0.95	3.01	0.06	0.6	0.11	0.012	0.57	7.2	5.1	0.57	321	0.39	0.01	1.7	7.5
R501252		0.55	1.31	<0.05	0.3	0.05	0.005	0.23	4.1	2.2	0.65	345	0.21	0.01	0.7	3.7
R501253		0.80	2.60	0.05	0.5	0.10	0.012	0.49	7.3	4.1	0.53	322	0.38	0.01	1.3	6.6
R501254		1.27	4.51	0.07	0.8	0.17	0.023	0.84	12.1	6.9	0.71	327	0.70	0.02	2.4	11.6

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 1- OCT- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145807

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
R501219		310	51.2	21.9	0.004	2.67	115.5	3.9	2	0.5	282	0.12	0.10	2.2	0.070	28.0
R501220		170	2.9	0.5	0.002	0.01	0.16	0.2	<1	<0.2	44.1	<0.05	<0.05	<0.2	<0.005	0.05
R501221		330	10.1	18.8	0.002	0.88	16.75	2.6	1	0.4	1060	0.09	0.05	1.7	0.054	5.71
R501222		270	12.2	27.3	0.004	0.88	2.25	3.4	1	0.5	1765	0.14	0.05	2.3	0.083	4.57
R501223		320	11.1	27.7	0.002	0.96	1.20	3.9	1	0.7	1295	0.15	<0.05	2.5	0.088	6.37
R501224		1350	3.4	6.0	0.002	0.24	0.77	1.1	1	0.2	1245	<0.05	<0.05	0.6	0.019	1.70
R501225		450	11.2	83.7	0.004	2.60	22.4	10.1	2	1.6	327	0.44	<0.05	6.3	0.273	44.2
R501226		350	9.3	18.2	0.003	0.77	4.39	2.9	1	0.4	654	0.10	<0.05	1.7	0.060	3.30
R501227		480	6.8	14.0	0.002	0.64	2.12	2.9	1	0.4	272	0.07	<0.05	1.2	0.049	1.39
R501228		260	12.5	27.2	0.004	0.98	0.89	3.4	1	0.6	903	0.15	<0.05	2.5	0.085	2.24
R501229		270	6.4	16.8	0.002	0.62	0.37	2.2	1	0.4	1440	0.10	<0.05	1.7	0.053	1.21
R501230		210	4.9	14.9	0.004	0.57	0.38	2.1	1	0.3	1445	0.08	<0.05	1.5	0.048	0.94
R501231		340	3.9	9.8	0.002	0.34	0.16	1.5	1	0.2	818	0.06	<0.05	1.0	0.031	0.55
R501232		330	3.5	7.9	0.002	0.30	0.14	1.3	1	0.3	832	0.05	<0.05	0.8	0.027	0.47
R501233		280	6.8	18.7	0.003	0.70	0.29	2.7	1	0.4	832	0.10	<0.05	1.5	0.067	1.07
R501234		300	19.5	63.0	0.005	1.75	0.82	7.3	1	1.0	725	0.34	0.06	5.2	0.203	1.58
R501235		490	14.5	39.7	0.003	1.13	0.58	5.5	1	0.6	910	0.20	0.06	3.4	0.123	1.22
R501236		390	8.4	76.6	0.002	2.61	8.72	8.8	1	1.4	749	0.43	0.06	5.7	0.277	10.55
R501237		150	17.8	39.1	0.007	1.06	0.63	4.9	2	0.7	1240	0.20	<0.05	3.5	0.116	1.23
R501238		310	20.8	65.5	0.006	1.77	0.81	7.2	2	1.0	1320	0.35	0.07	5.1	0.222	1.96
R501239		290	15.8	75.6	0.005	2.36	0.74	9.8	2	1.2	860	0.39	0.05	6.0	0.271	1.81
R501240		390	18.1	93.1	0.007	2.26	0.68	10.4	2	1.4	1405	0.50	0.07	7.1	0.294	2.27
R501241		480	9.7	44.1	0.003	1.27	0.40	5.8	1	0.7	1425	0.25	0.06	3.7	0.142	1.09
R501242		200	5.6	22.2	0.002	0.63	0.23	3.1	1	0.4	1425	0.11	<0.05	1.9	0.065	0.44
R501243		220	5.7	21.9	0.004	0.64	0.21	3.0	1	0.4	1415	0.11	<0.05	1.9	0.065	0.46
R501244		540	7.6	36.4	0.004	1.05	0.27	5.0	2	0.6	1535	0.20	0.05	3.0	0.119	0.54
R501245		290	7.0	33.3	0.005	0.91	0.23	4.4	1	0.5	1400	0.17	<0.05	2.5	0.111	0.38
R501246		270	13.9	90.1	0.006	2.21	0.49	10.8	2	1.3	1000	0.46	0.07	6.9	0.295	0.90
R501247		410	9.5	58.9	0.006	1.51	0.37	7.5	2	0.9	1495	0.31	<0.05	4.6	0.197	0.59
R501248		150	2.8	13.8	0.002	0.37	0.13	2.2	1	0.3	1845	0.07	<0.05	1.3	0.043	0.13
R501249		530	6.2	44.2	0.002	1.19	0.28	5.6	1	0.7	1415	0.23	<0.05	3.3	0.153	0.45
R501250		180	1.1	1.1	<0.002	<0.01	0.05	0.3	<1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	<0.02
R501251		180	3.6	23.7	0.002	0.67	0.17	3.1	1	0.4	1720	0.11	<0.05	1.9	0.079	0.27
R501252		1060	1.8	8.9	0.003	0.27	0.13	1.6	1	0.2	2020	<0.05	<0.05	0.9	0.029	0.13
R501253		160	3.8	19.7	0.004	0.50	0.14	2.7	1	0.3	1845	0.10	<0.05	1.6	0.063	0.21
R501254		200	5.1	35.7	0.004	0.96	0.23	4.6	2	0.5	1990	0.18	<0.05	2.7	0.115	0.38

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Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	As- OG62 As % 0.001
R501219		2.7	21	2.6	10.7	6	19.5	1.925
R501220		0.7	2	0.1	0.7	15	<0.5	
R501221		1.9	17	1.4	12.4	3	15.1	
R501222		2.3	22	1.9	16.1	5	23.9	
R501223		2.1	26	2.2	16.5	6	26.2	
R501224		1.2	7	0.6	6.6	2	9.5	
R501225		6.5	86	7.9	19.1	47	70.8	
R501226		1.8	18	1.5	14.4	4	17.1	
R501227		1.2	15	1.2	10.8	3	14.6	
R501228		2.5	25	1.8	15.7	9	25.0	
R501229		2.4	16	1.1	12.7	10	15.9	
R501230		2.3	15	0.9	12.4	5	14.0	
R501231		2.1	10	0.6	9.0	3	9.8	
R501232		2.0	9	0.5	8.2	3	8.6	
R501233		1.8	19	1.2	12.3	7	16.8	
R501234		2.8	61	1.7	19.5	5	55.5	
R501235		2.5	35	1.1	19.7	5	36.6	
R501236		2.3	76	5.2	16.3	49	64.7	
R501237		3.2	35	0.6	21.1	5	35.0	
R501238		3.6	62	1.1	23.0	10	61.1	
R501239		2.9	81	2.3	22.4	9	64.4	
R501240		3.7	82	1.0	27.7	12	75.4	
R501241		2.6	39	0.6	21.6	7	41.1	
R501242		1.9	20	0.2	14.0	4	18.6	
R501243		1.9	20	0.2	13.8	4	18.4	
R501244		2.5	35	0.3	17.5	13	32.5	
R501245		1.6	31	0.4	13.6	12	27.7	
R501246		3.0	84	0.9	21.2	53	72.1	
R501247		2.9	56	0.6	20.2	27	50.4	
R501248		1.4	14	0.1	9.7	5	12.4	
R501249		2.1	39	0.5	15.5	23	39.9	
R501250		0.4	3	0.1	0.7	17	<0.5	
R501251		1.4	22	0.2	9.2	10	21.2	
R501252		1.5	10	0.1	7.6	3	13.0	
R501253		1.6	19	0.2	10.9	7	16.2	
R501254		2.7	33	0.3	16.7	21	28.9	

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CERTIFICATE OF ANALYSIS WH14145807

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

Applies to Method: Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.
Hg- CV41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 22d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	WSH- 21
WSH- 22			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As- OG62	Au- AA26	Hg- CV41	ME- MS61
ME- OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2014
Account: RCM

CERTIFICATE WH14145808

Project: NADALEEN

P.O. No.: BATCH 14- 040

This report is for 8 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22d	Sample login - Rcd w/ o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
PUL- QC	Pulverizing QC Test

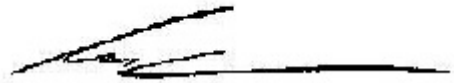
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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1016- 510 W HASTINGS ST
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Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145808

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
R501255		8.06	<0.01	0.04	1.81	46.0	170	0.53	0.08	28.3	0.17	24.3	5.9	19	6.26	19.4
R501256		0.26	0.48	0.11	3.49	2510	190	0.89	0.14	17.60	0.12	38.4	10.7	40	10.05	41.8
R501257		7.97	<0.01	0.02	1.31	29.6	110	0.45	0.06	30.4	0.08	14.80	4.6	13	3.81	14.3
R501258		5.01	<0.01	<0.01	0.06	13.6	20	0.06	0.02	20.3	0.06	1.10	0.8	<1	0.16	1.3
R501259		7.59	<0.01	0.04	2.01	58.2	150	0.65	0.10	28.1	0.14	27.8	6.7	21	4.81	22.0
R501260		7.36	<0.01	0.04	2.52	86.0	180	0.78	0.13	24.7	0.18	35.8	8.8	25	7.36	27.4
R501261		<0.02	<0.01	0.03	2.50	84.8	190	0.75	0.13	24.9	0.17	35.3	8.6	25	7.22	26.9
R501262		7.49	0.01	0.06	2.76	154.0	180	0.77	0.14	22.2	0.16	35.4	9.9	30	6.93	33.3

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145808

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501255		1.29	5.08	0.06	0.9	0.17	0.022	0.89	11.2	7.0	0.76	301	0.56	0.02	2.8	11.2
R501256		2.93	9.73	0.09	1.9	4.04	0.037	1.71	18.6	9.5	1.36	1100	1.59	0.02	6.0	23.2
R501257		1.04	3.70	0.06	0.7	0.12	0.014	0.66	7.1	5.7	0.45	424	0.31	0.01	2.0	7.8
R501258		0.46	0.26	0.16	<0.1	<0.01	0.005	0.03	0.5	1.0	12.35	194	0.07	<0.01	0.2	1.7
R501259		1.46	5.46	0.12	1.0	0.38	0.023	1.01	13.4	6.2	0.81	395	0.58	0.02	3.0	12.1
R501260		1.81	6.92	0.10	1.3	0.92	0.031	1.23	18.0	8.9	1.14	424	0.70	0.02	3.8	15.1
R501261		1.81	6.73	0.09	1.2	0.91	0.023	1.24	17.8	8.7	1.01	449	0.66	0.02	3.6	15.0
R501262		1.94	7.58	0.08	1.4	2.02	0.029	1.37	18.0	8.9	1.28	537	0.91	0.02	4.1	17.6

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145808

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
R501255		890	6.8	36.9	0.004	0.95	0.26	4.7	<1	0.6	1605	0.20	<0.05	3.2	0.121	1.07
R501256		360	8.9	75.5	0.004	2.47	9.28	8.8	1	1.4	704	0.43	0.05	5.9	0.254	10.70
R501257		740	4.1	27.3	0.003	0.81	0.19	3.3	<1	0.5	1425	0.15	<0.05	2.1	0.089	1.11
R501258		190	1.2	1.2	0.002	<0.01	0.05	0.2	<1	<0.2	44.7	<0.05	<0.05	<0.2	<0.005	0.02
R501259		400	7.0	39.7	0.004	1.09	0.36	5.3	1	0.7	1495	0.21	<0.05	3.5	0.128	2.42
R501260		220	10.9	51.9	0.005	1.37	0.66	7.2	1	0.8	1570	0.28	0.05	4.5	0.155	3.90
R501261		210	10.4	50.6	0.005	1.36	0.69	7.2	1	0.8	1630	0.27	<0.05	4.3	0.155	3.79
R501262		240	16.2	54.4	0.006	1.59	1.87	7.4	1	1.0	1330	0.29	<0.05	4.3	0.185	4.84

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145808

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
R501255		2.8	33	0.4	14.9	24	34.5
R501256		2.5	70	5.5	16.0	44	62.3
R501257		1.2	23	0.3	7.7	8	24.8
R501258		0.8	2	0.1	0.8	15	<0.5
R501259		2.4	35	0.4	18.5	26	36.3
R501260		2.7	45	0.6	19.9	32	41.8
R501261		2.5	44	0.6	20.9	31	42.0
R501262		2.4	53	2.4	17.7	27	47.4

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6B 1L8

Finalized Date: 28- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145808

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	LOG- 21	LOG- 22d	LOG- 23
PUL- 31	PUL- 31d	PUL- QC	SPL- 21
SPL- 21d	WEI- 21	WSH- 21	WSH- 22

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2014
Account: RCM

CERTIFICATE WH14099485

Project: NADALEEN

P.O. No.: C14- 001

This report is for 29 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- JUN- 2014.

The following have access to data associated with this certificate:

ROB CARNE	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
WSH- 21	"Wash" crushers
WSH- 22	"Wash" pulverizers
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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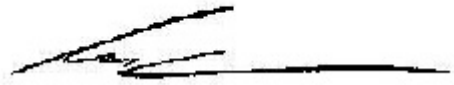
***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099485

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q052001		0.57	<0.01	0.06	10.20	14.5	340	2.80	0.38	0.13	0.06	96.0	19.7	76	11.95	39.9
Q052002		0.54	<0.01	0.06	9.95	12.4	380	2.82	0.36	0.18	0.02	91.4	23.3	75	11.65	41.0
Q052003		0.44	<0.01	0.03	9.74	16.9	430	3.04	0.37	0.15	0.02	86.8	18.9	78	11.95	39.4
Q052004		0.66	<0.01	0.06	10.25	8.9	390	3.13	0.44	0.20	<0.02	93.9	26.5	77	14.25	41.6
Q052005		0.62	<0.01	0.04	9.14	9.0	390	2.72	0.36	0.16	<0.02	71.1	19.0	72	12.80	41.4
Q052006		0.49	<0.01	0.05	9.81	13.9	340	2.91	0.42	0.20	<0.02	71.5	21.8	79	14.65	43.8
Q052007		0.68	<0.01	0.03	9.78	10.8	520	2.82	0.47	0.18	<0.02	85.1	18.5	77	14.25	48.0
Q052008		0.68	<0.01	0.06	9.44	26.0	420	3.02	0.42	0.21	<0.02	83.1	19.6	78	14.00	40.8
Q052009		0.79	<0.01	0.04	8.69	13.8	450	2.70	0.36	0.52	0.04	80.5	19.7	72	12.90	38.2
Q052010		0.48	<0.01	0.03	8.64	10.7	350	2.64	0.41	0.39	0.02	85.0	16.3	70	14.65	38.9
Q052011		0.65	<0.01	0.06	8.73	11.8	330	2.57	0.43	0.62	0.05	84.2	21.7	69	18.35	36.2
Q052012		0.59	<0.01	0.05	8.09	18.4	450	2.31	0.37	2.32	0.02	83.8	19.1	62	16.15	32.8
Q052013		0.49	<0.01	0.04	9.27	22.0	320	2.66	0.42	0.98	0.03	87.5	20.7	71	21.1	37.1
Q052014		0.53	<0.01	0.04	8.33	20.2	650	2.16	0.36	2.50	0.03	73.5	16.1	67	16.15	33.1
Q052015		0.57	<0.01	0.03	6.82	8.2	280	1.59	0.26	5.82	0.08	74.9	9.4	51	14.65	23.9
Q052016		0.43	<0.01	0.04	5.53	10.0	550	1.43	0.21	11.65	0.02	62.3	13.1	42	13.65	18.3
Q052017		0.43	<0.01	0.05	5.55	11.1	330	1.36	0.21	6.11	0.05	64.8	10.4	46	15.55	22.3
Q052018		0.47	<0.01	0.06	6.50	17.2	270	1.59	0.27	6.52	0.10	72.6	12.1	58	18.05	25.0
Q052019		0.26	<0.01	0.02	3.38	8.0	270	0.74	0.12	17.75	0.05	35.7	7.1	23	7.20	11.7
Q052020		0.34	0.01	0.09	4.86	21.9	240	1.46	0.10	10.10	0.10	56.2	6.8	51	22.1	39.8
Q052021		0.51	<0.01	0.04	3.22	12.2	600	0.88	0.09	10.30	0.05	43.0	5.9	33	12.75	21.7
Q052022		0.58	0.02	0.05	3.29	52.1	1800	1.06	0.09	11.45	0.05	39.2	3.6	31	11.40	14.9
Q052023		0.57	<0.01	0.07	3.40	25.5	180	0.97	0.08	15.20	0.06	38.2	5.0	30	20.9	14.2
Q052024		0.55	0.02	0.07	3.04	41.9	980	0.96	0.06	23.1	0.15	30.7	5.2	28	15.20	12.0
Q052025		0.71	<0.01	0.07	2.71	41.4	500	0.91	0.06	22.0	0.09	25.9	4.0	25	11.50	8.2
Q052026		0.76	<0.01	0.03	1.81	22.6	950	0.63	0.05	27.7	0.09	19.75	3.0	18	6.28	10.4
Q052027		0.60	0.01	0.06	2.41	24.5	350	0.82	0.07	26.9	0.11	28.2	4.1	24	11.00	19.3
Q052028		0.32	<0.01	0.03	1.71	14.8	300	0.60	0.04	22.3	0.07	28.0	2.8	15	7.64	9.6
Q052029		0.58	0.04	0.01	8.74	342	350	2.64	0.47	0.96	<0.02	88.4	12.4	62	22.7	49.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099485

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q052001		4.54	25.9	0.21	3.1	0.03	0.083	3.25	48.7	157.0	0.69	2460	0.41	0.33	12.4	51.0
Q052002		4.78	25.5	0.20	3.2	0.07	0.075	3.22	45.3	178.0	0.97	4040	0.32	0.28	12.2	53.7
Q052003		4.52	26.3	0.21	3.3	0.07	0.074	3.18	42.7	198.5	1.12	2700	0.39	0.25	12.9	48.9
Q052004		5.75	26.8	0.21	3.2	0.05	0.084	3.33	47.4	177.0	1.06	6390	0.34	0.30	12.3	66.0
Q052005		4.85	24.2	0.17	3.1	0.01	0.073	3.04	32.7	143.0	1.06	3110	0.34	0.30	11.5	52.0
Q052006		4.76	26.3	0.16	3.3	0.01	0.084	3.23	32.5	150.5	1.37	1280	0.25	0.34	12.9	54.4
Q052007		4.64	25.8	0.22	3.4	0.01	0.077	3.24	42.0	135.5	0.89	721	0.27	0.24	12.8	43.6
Q052008		4.83	26.0	0.20	3.3	0.03	0.079	3.12	38.9	155.5	1.19	654	0.25	0.21	12.9	43.7
Q052009		4.51	23.3	0.22	3.1	0.04	0.072	2.74	41.4	177.0	1.27	846	0.33	0.22	11.9	38.7
Q052010		4.02	23.7	0.18	3.0	0.03	0.068	3.02	43.2	173.5	1.17	590	0.38	0.23	11.5	37.1
Q052011		4.59	23.3	0.21	3.0	0.03	0.074	2.85	42.0	131.0	1.24	630	0.52	0.27	11.4	41.5
Q052012		5.28	20.7	0.19	2.7	0.01	0.066	2.38	43.1	158.5	1.72	970	0.38	0.25	9.9	34.9
Q052013		5.03	25.3	0.21	3.1	0.02	0.076	2.94	42.3	131.5	1.43	957	0.26	0.32	11.8	41.1
Q052014		4.48	22.3	0.18	3.2	0.02	0.066	2.73	36.7	110.5	1.41	803	0.33	0.30	11.1	34.4
Q052015		3.79	16.30	0.18	2.3	0.04	0.045	2.18	40.1	97.3	1.29	878	0.29	0.20	8.3	23.4
Q052016		3.85	13.80	0.15	2.0	0.04	0.043	1.87	33.0	54.5	1.10	532	0.24	0.15	7.2	26.2
Q052017		3.14	13.95	0.16	2.1	0.07	0.042	2.07	33.9	65.4	1.13	591	0.34	0.09	7.0	22.8
Q052018		3.64	16.20	0.17	2.7	0.22	0.046	2.60	38.7	57.6	1.12	512	0.45	0.08	8.7	27.5
Q052019		2.07	8.00	0.14	1.2	0.06	0.020	1.35	18.3	24.4	4.06	483	0.25	0.06	4.0	13.5
Q052020		1.47	12.60	0.19	3.6	0.33	0.031	2.79	29.0	19.9	4.38	221	0.51	0.04	8.0	16.7
Q052021		1.36	7.99	0.16	3.6	0.44	0.026	1.86	22.2	13.7	5.33	276	0.42	0.04	6.0	11.9
Q052022		1.39	7.99	0.17	3.4	0.67	0.024	1.78	19.6	12.9	5.67	346	0.67	0.02	5.2	9.3
Q052023		1.44	8.64	0.15	2.4	0.29	0.024	2.03	20.3	17.9	4.24	248	0.58	0.03	4.8	12.8
Q052024		1.06	7.67	0.15	1.6	0.23	0.022	1.72	16.1	16.6	2.15	198	0.63	0.02	4.2	12.7
Q052025		1.03	7.07	0.16	1.3	0.16	0.016	1.54	14.1	15.7	2.79	181	0.66	0.02	3.9	10.1
Q052026		0.74	4.69	0.16	0.9	0.08	0.015	1.03	11.2	9.8	1.90	220	0.29	0.02	2.9	8.1
Q052027		1.00	6.60	0.17	1.1	0.08	0.020	1.39	15.1	17.6	1.62	141	0.63	0.02	3.9	11.6
Q052028		0.93	4.38	0.16	1.3	0.06	0.011	1.02	13.4	14.0	3.11	172	0.38	0.03	2.7	7.6
Q052029		5.13	22.8	0.20	3.2	0.38	0.072	4.27	47.2	25.3	1.13	323	0.18	0.05	12.2	34.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099485

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q052001		550	44.0	146.5	<0.002	0.02	1.40	17.1	1	2.7	124.5	0.93	0.11	15.4	0.431	0.70
Q052002		640	17.4	140.5	<0.002	0.04	1.47	17.1	1	2.6	127.5	0.93	0.13	14.7	0.419	0.80
Q052003		550	18.2	137.5	<0.002	0.07	1.71	17.6	1	2.8	186.5	0.95	0.12	14.7	0.442	0.78
Q052004		640	21.8	153.0	<0.002	0.04	1.40	18.3	1	2.8	133.0	0.92	0.13	15.3	0.425	0.80
Q052005		650	21.8	121.5	<0.002	0.03	1.02	16.5	2	2.6	118.0	0.86	0.09	12.2	0.412	0.70
Q052006		520	25.2	117.0	<0.002	0.06	0.97	17.4	1	2.7	168.5	1.01	0.11	13.0	0.454	0.75
Q052007		570	13.5	142.0	<0.002	0.07	0.76	17.7	1	2.8	207	0.98	0.07	15.3	0.464	0.77
Q052008		580	19.1	125.5	<0.002	0.11	0.85	18.6	1	2.7	223	0.98	0.11	14.8	0.463	0.73
Q052009		680	25.0	111.0	<0.002	0.70	0.72	15.9	1	2.5	236	0.90	0.08	13.3	0.429	0.66
Q052010		590	13.7	127.0	<0.002	0.33	0.47	15.4	1	2.5	144.5	0.91	0.08	13.7	0.396	0.80
Q052011		570	35.1	115.0	<0.002	0.40	0.54	15.3	1	2.4	135.5	0.85	0.07	13.8	0.400	0.70
Q052012		430	42.8	92.2	<0.002	0.21	0.40	13.8	1	2.2	153.0	0.74	0.07	12.9	0.348	0.62
Q052013		460	37.4	116.0	<0.002	0.23	0.42	16.6	1	2.6	130.5	0.90	0.05	14.3	0.398	0.74
Q052014		310	23.9	92.0	<0.002	0.41	0.69	13.8	1	2.4	142.5	0.87	<0.05	12.5	0.405	0.72
Q052015		510	20.8	106.0	<0.002	0.38	0.32	10.8	1	1.7	171.0	0.66	<0.05	11.7	0.304	0.58
Q052016		400	17.6	91.1	<0.002	0.65	0.34	9.4	1	1.5	283	0.55	<0.05	9.7	0.260	0.52
Q052017		580	18.4	99.8	<0.002	0.90	0.40	10.1	1	1.4	185.5	0.54	<0.05	9.9	0.248	0.65
Q052018		840	21.9	127.0	0.002	2.00	0.43	11.1	1	1.8	242	0.68	<0.05	11.7	0.317	1.26
Q052019		910	9.0	60.5	<0.002	1.11	0.23	5.2	<1	0.8	397	0.30	<0.05	5.6	0.147	0.51
Q052020		940	12.4	100.5	0.002	0.21	0.39	7.5	2	1.5	185.0	0.61	<0.05	11.1	0.247	0.75
Q052021		620	9.8	64.4	<0.002	0.14	0.24	4.8	1	1.0	167.0	0.45	<0.05	8.4	0.179	0.65
Q052022		530	12.4	61.0	<0.002	0.27	0.41	4.7	1	0.9	220	0.40	<0.05	7.4	0.158	1.05
Q052023		460	9.0	72.5	<0.002	0.22	0.25	4.8	1	0.9	337	0.38	<0.05	7.0	0.147	0.58
Q052024		480	7.3	62.8	<0.002	0.23	0.31	4.3	1	0.8	873	0.31	<0.05	5.9	0.127	0.64
Q052025		410	6.3	56.7	<0.002	0.16	0.33	4.1	<1	0.8	878	0.30	<0.05	5.3	0.120	0.57
Q052026		240	5.6	38.6	<0.002	0.14	0.22	2.9	1	0.6	815	0.22	<0.05	3.8	0.084	0.33
Q052027		330	7.8	58.4	<0.002	0.14	0.26	3.9	1	0.8	1060	0.29	<0.05	5.0	0.111	0.39
Q052028		240	6.1	42.2	<0.002	0.09	0.20	2.8	1	0.5	728	0.20	<0.05	3.9	0.081	0.31
Q052029		450	14.5	200	<0.002	2.99	1.57	15.7	1	2.6	228	0.91	0.06	15.2	0.429	2.56

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099485

Sample Description	Method / Analyte / Units / LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
Q052001		3.0	100	2.2	21.0	107	103.5
Q052002		2.9	98	2.0	21.3	92	104.0
Q052003		3.0	100	2.1	21.0	82	112.0
Q052004		3.3	107	2.2	22.1	104	107.5
Q052005		2.9	99	2.0	19.1	89	101.5
Q052006		3.2	107	1.9	18.8	94	107.5
Q052007		3.2	109	1.7	20.4	97	116.0
Q052008		3.2	108	1.6	21.2	103	112.5
Q052009		2.9	99	14.7	20.0	90	107.5
Q052010		2.9	90	1.5	19.3	69	98.8
Q052011		3.1	92	1.6	20.3	178	101.5
Q052012		2.6	79	1.6	21.9	84	90.6
Q052013		3.1	92	1.6	21.3	100	103.5
Q052014		2.5	88	1.5	16.8	83	105.5
Q052015		2.3	63	1.1	17.3	185	77.4
Q052016		2.3	54	0.9	14.9	58	70.6
Q052017		2.5	53	1.0	16.2	69	72.8
Q052018		2.7	68	1.2	17.6	123	88.3
Q052019		1.8	32	0.6	10.3	38	42.3
Q052020		5.8	76	1.1	18.1	63	119.5
Q052021		4.1	52	0.7	14.0	18	129.0
Q052022		4.3	53	1.5	12.0	23	109.0
Q052023		7.9	50	0.6	10.3	21	82.3
Q052024		9.4	50	0.7	8.2	26	54.8
Q052025		9.0	48	0.7	7.7	9	48.0
Q052026		13.0	28	0.5	6.3	24	31.2
Q052027		12.6	38	0.4	8.2	28	37.8
Q052028		10.5	26	0.4	8.0	57	45.1
Q052029		3.1	114	3.7	21.2	94	107.0

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- JUL- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14099485

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 21	SPL- 21
	WEI- 21	WSH- 21	WSH- 22	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au- AA26	Hg- CV41	ME- MS61	PUL- 31
	PUL- QC			

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

CERTIFICATE WH14113438

Project: NADALEEN

P.O. No.: 14- C02

This report is for 62 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25- JUL- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

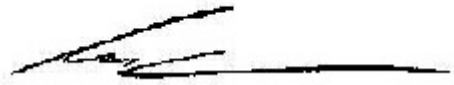
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113438

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q052030		0.68	<0.01	0.05	9.38	12.8	360	2.73	0.29	0.25	0.03	89.7	20.7	76	15.40	47.5
Q052031		0.58	<0.01	0.05	9.66	5.4	340	2.63	0.24	0.14	0.03	81.0	22.3	76	16.05	47.7
Q052032		0.72	<0.01	0.04	8.80	11.1	460	2.34	0.32	0.13	<0.02	90.6	19.9	69	14.95	18.6
Q052033		1.22	<0.01	0.05	8.89	12.5	390	2.54	0.27	0.33	0.04	93.7	17.0	71	12.85	36.8
Q052034		1.05	<0.01	0.04	8.75	16.8	410	2.35	0.28	0.41	0.02	95.4	17.1	67	13.30	42.2
Q052035		0.71	<0.01	0.04	8.81	36.8	420	2.42	0.27	0.55	0.03	94.5	16.0	68	16.50	37.8
Q052036		0.42	<0.01	0.04	9.70	6.8	350	2.63	0.31	0.35	<0.02	109.0	18.1	75	19.65	40.1
Q052037		0.45	<0.01	0.08	9.08	18.7	290	2.63	0.32	0.29	<0.02	96.7	18.1	70	22.9	33.4
Q052038		0.74	<0.01	0.05	8.93	14.0	290	2.54	0.28	0.35	<0.02	95.9	16.6	69	25.0	51.8
Q052039		0.62	<0.01	0.04	9.26	7.7	320	2.83	0.29	0.43	0.02	96.1	15.5	71	24.7	40.7
Q052040		0.72	<0.01	0.08	8.75	15.2	390	2.44	0.29	1.05	0.05	90.8	18.9	67	16.00	34.3
Q052041		1.04	<0.01	0.07	7.88	16.0	610	2.07	0.26	2.36	0.03	83.4	18.0	63	12.10	37.8
Q052042		0.59	<0.01	0.04	9.01	16.9	330	2.74	0.29	0.87	0.02	93.5	18.3	72	23.2	40.4
Q052043		0.61	<0.01	0.04	7.24	10.9	770	2.26	0.21	3.65	0.04	82.0	13.7	59	19.40	28.7
Q052044		0.86	<0.01	0.52	8.27	7.3	820	2.29	0.28	1.05	0.03	85.7	14.1	68	22.8	78.1
Q052045		0.37	<0.01	0.07	9.39	1.4	370	2.57	0.23	0.32	<0.02	89.2	14.7	70	34.7	146.0
Q052046		0.99	0.01	0.05	2.64	45.8	340	0.98	0.06	23.0	0.06	31.4	4.9	27	6.40	19.2
Q052047		0.90	<0.01	0.03	2.50	27.6	90	0.92	0.05	21.2	0.05	27.1	4.2	26	5.53	19.6
Q052048		0.93	<0.01	0.03	2.39	22.3	90	0.85	0.05	23.1	0.03	25.3	3.8	26	5.91	16.7
Q052049		0.43	<0.01	0.04	2.38	21.4	110	0.91	0.04	22.2	0.09	28.2	3.9	27	5.55	12.9
Q052050		0.50	<0.01	0.39	2.49	10.5	100	0.95	0.05	22.4	0.27	32.8	4.5	24	8.64	60.4
Q052051		1.16	<0.01	0.14	2.41	13.9	100	0.76	0.05	24.3	0.05	26.9	4.9	21	5.77	10.8
Q052052		1.06	<0.01	0.04	7.47	9.6	280	2.37	0.19	1.28	<0.02	78.7	12.7	66	18.05	24.6
Q052053		0.91	<0.01	0.07	6.94	7.3	1270	2.07	0.24	1.65	0.02	70.2	16.8	58	17.05	30.4
Q052054		0.70	<0.01	0.05	8.10	10.6	330	2.47	0.23	0.94	<0.02	84.0	16.4	69	17.50	44.8
Q052055		1.00	<0.01	0.05	7.94	12.0	400	2.30	0.19	1.48	<0.02	81.4	15.9	68	15.25	35.6
Q052056		0.32	<0.01	0.04	7.98	8.3	350	2.37	0.19	0.90	<0.02	82.8	14.4	66	19.55	27.6
Q052057		0.43	<0.01	0.08	7.57	3.7	400	2.13	0.21	0.72	0.03	77.8	15.3	61	10.10	52.6
Q052058		0.44	<0.01	0.05	8.04	2.8	600	2.48	0.17	0.89	<0.02	80.2	15.1	67	14.90	29.6
Q052059		0.36	<0.01	0.09	8.36	12.9	380	2.64	0.20	0.65	0.03	82.8	15.7	71	13.10	28.4
Q052060		0.46	<0.01	0.05	9.50	5.7	370	2.79	0.24	0.22	<0.02	88.0	17.7	76	12.65	32.5
Q052061		0.52	<0.01	0.06	9.63	10.6	360	2.79	0.28	0.20	<0.02	92.5	17.8	74	11.55	39.1
Q052062		0.47	<0.01	0.08	9.07	16.4	330	2.70	0.27	0.18	0.03	84.9	17.3	72	10.85	23.9
Q052063		0.90	<0.01	0.04	8.93	11.6	320	2.55	0.24	0.22	<0.02	88.1	16.2	69	11.05	34.0
Q052064		0.30	<0.01	0.08	9.88	12.2	330	2.87	0.30	0.12	<0.02	89.2	22.1	76	11.85	46.2
Q052065		0.86	<0.01	0.05	8.41	11.2	490	2.49	0.26	0.56	0.02	94.7	16.9	66	9.33	43.1
Q052066		0.88	<0.01	0.04	8.45	7.9	320	2.42	0.32	0.37	0.02	86.3	17.8	68	9.67	48.0
Q052067		0.97	<0.01	0.04	8.79	8.5	350	2.45	0.34	0.34	<0.02	91.7	16.5	70	10.60	35.2
Q052068		1.09	<0.01	0.04	8.38	11.0	300	2.43	0.36	0.33	0.03	84.9	16.4	68	13.35	34.3
Q052069		1.05	<0.01	0.04	9.17	23.5	330	2.59	0.40	0.51	0.03	105.0	18.6	72	11.70	44.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q052030		4.28	25.5	0.16	3.2	0.02	0.070	3.16	45.4	122.0	0.78	2990	1.27	0.28	12.4	55.2
Q052031		5.37	25.7	0.17	2.9	0.02	0.066	3.21	39.2	132.5	0.81	2800	0.56	0.30	12.3	54.8
Q052032		5.29	22.7	0.16	2.9	0.03	0.072	2.76	48.5	157.5	0.50	1500	0.73	0.16	11.0	40.2
Q052033		4.41	23.2	0.15	3.0	0.05	0.066	2.91	51.3	162.5	0.96	712	0.49	0.18	11.8	38.6
Q052034		4.57	23.1	0.19	2.9	0.07	0.075	2.94	52.0	167.5	1.30	815	0.40	0.21	11.7	39.0
Q052035		4.18	23.7	0.17	3.0	0.07	0.064	3.15	51.5	152.5	1.15	640	0.75	0.22	11.6	33.7
Q052036		4.31	25.6	0.21	2.9	0.04	0.068	3.35	60.9	195.5	1.25	431	0.30	0.24	12.4	40.5
Q052037		4.53	24.6	0.20	2.9	0.03	0.071	3.13	53.5	161.5	1.24	849	0.27	0.20	11.8	37.3
Q052038		4.47	23.8	0.18	2.9	0.03	0.065	3.06	52.1	150.0	1.24	554	0.23	0.20	11.5	36.1
Q052039		4.45	24.7	0.16	3.1	0.02	0.069	3.17	51.3	140.0	1.19	856	0.36	0.22	11.9	35.3
Q052040		4.47	23.4	0.18	2.6	0.04	0.071	2.92	48.6	135.0	1.38	784	0.39	0.24	10.8	38.3
Q052041		4.40	20.5	0.17	2.7	0.03	0.061	2.54	45.2	122.0	1.64	1240	0.37	0.15	9.9	34.9
Q052042		4.20	24.5	0.17	3.0	0.04	0.065	3.50	48.6	180.0	1.25	609	0.24	0.16	11.9	36.9
Q052043		4.51	19.65	0.20	2.8	0.04	0.052	2.73	42.5	173.5	1.45	1150	0.29	0.10	10.2	28.6
Q052044		4.05	21.6	0.18	2.7	0.04	0.067	3.04	46.1	177.0	1.18	563	0.36	0.12	10.8	32.4
Q052045		4.20	24.6	0.18	2.6	0.05	0.066	3.63	47.5	162.5	1.13	182	0.53	0.11	12.0	37.8
Q052046		1.09	7.07	0.18	1.1	0.05	0.031	1.25	16.8	53.3	1.88	885	0.39	0.02	4.5	12.5
Q052047		1.17	6.81	0.24	1.1	0.02	0.014	1.11	14.8	55.2	2.35	783	0.40	0.05	4.4	11.0
Q052048		1.13	6.36	0.20	1.1	0.02	0.020	1.00	13.6	43.1	2.24	785	0.39	0.07	4.1	10.1
Q052049		1.15	6.29	0.18	1.4	0.04	0.019	0.95	14.9	41.9	2.84	973	0.42	0.12	4.3	9.9
Q052050		0.98	6.54	0.25	1.4	0.09	0.016	1.26	17.0	12.4	1.73	313	0.87	0.02	3.6	25.8
Q052051		1.29	6.25	0.20	1.0	0.11	0.015	1.07	14.5	23.8	2.52	434	0.58	0.02	3.5	12.4
Q052052		3.77	20.2	0.26	3.2	<0.01	0.058	3.43	41.7	83.0	1.02	452	0.28	0.05	11.2	29.5
Q052053		4.64	18.80	0.24	2.9	<0.01	0.055	2.95	37.4	82.5	1.21	824	0.39	0.04	9.8	34.2
Q052054		4.75	22.0	0.18	3.0	<0.01	0.067	3.42	45.3	88.9	1.10	614	0.26	0.05	11.5	36.6
Q052055		4.26	20.9	0.21	3.1	<0.01	0.062	3.27	44.1	92.7	1.43	545	0.27	0.08	11.3	34.3
Q052056		4.20	22.0	0.20	3.2	0.02	0.067	3.75	44.1	76.2	1.26	474	0.22	0.08	11.3	33.0
Q052057		4.22	20.3	0.21	3.2	0.07	0.073	3.30	41.5	105.0	0.84	860	0.87	0.05	11.1	31.3
Q052058		4.37	21.7	0.20	3.2	0.03	0.056	3.55	42.5	91.0	1.21	580	0.20	0.09	11.4	34.3
Q052059		4.24	23.3	0.19	3.3	0.02	0.068	3.51	43.8	118.5	0.98	479	0.38	0.10	12.1	34.6
Q052060		4.55	26.2	0.23	2.9	0.01	0.075	3.84	45.0	87.7	1.27	728	0.32	0.22	13.0	40.6
Q052061		4.35	26.5	0.24	2.8	0.02	0.070	3.63	46.9	82.9	1.26	661	0.29	0.25	12.8	41.7
Q052062		3.70	24.4	0.25	3.0	0.03	0.075	3.42	44.2	90.8	1.32	520	0.36	0.25	12.7	38.4
Q052063		4.07	24.0	0.22	2.8	0.01	0.059	3.11	44.8	94.1	1.25	1500	0.23	0.27	11.9	37.4
Q052064		4.76	27.6	0.21	2.9	0.02	0.070	3.30	44.0	123.0	1.37	1340	0.28	0.32	13.2	51.1
Q052065		3.89	23.4	0.22	2.9	0.03	0.068	2.74	49.7	114.0	1.40	2710	0.46	0.21	11.2	47.0
Q052066		4.00	24.0	0.11	3.1	0.05	0.068	2.81	43.8	139.0	1.35	1080	0.33	0.21	12.4	42.3
Q052067		4.09	23.3	0.14	3.1	0.02	0.070	2.85	47.8	107.5	1.29	556	0.21	0.21	12.1	38.0
Q052068		4.12	22.6	0.14	3.1	0.02	0.068	2.81	43.6	155.5	1.19	717	0.40	0.27	11.8	36.5
Q052069		4.58	24.5	0.16	3.1	0.04	0.068	2.92	53.9	156.0	1.33	1200	0.74	0.25	12.2	41.6

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Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q052030		530	22.2	148.5	<0.002	0.01	1.69	16.7	1	2.9	118.0	0.92	0.05	14.7	0.430	0.87
Q052031		480	24.7	136.5	<0.002	0.02	0.99	16.6	1	2.9	121.0	0.94	0.10	14.2	0.412	0.77
Q052032		500	21.4	137.0	<0.002	0.01	0.53	15.3	1	2.7	154.0	0.80	0.10	14.5	0.388	0.78
Q052033		610	13.0	138.5	<0.002	0.19	0.83	15.4	1	2.7	153.5	0.89	0.07	15.2	0.411	0.78
Q052034		540	32.5	140.0	<0.002	0.59	0.77	15.4	1	2.8	166.5	0.88	0.07	15.2	0.397	0.89
Q052035		580	23.9	151.0	<0.002	0.99	0.74	15.6	1	2.7	238	0.88	0.07	15.4	0.392	0.99
Q052036		470	26.7	158.5	<0.002	0.15	0.65	16.1	1	2.9	155.5	0.97	0.06	17.2	0.403	0.96
Q052037		410	19.2	155.5	<0.002	0.22	0.63	15.5	1	2.9	128.5	0.89	0.07	15.5	0.386	0.92
Q052038		450	16.6	150.0	<0.002	0.15	0.50	15.2	1	2.8	121.5	0.88	0.06	15.6	0.375	0.83
Q052039		570	25.3	151.5	<0.002	0.09	0.46	15.9	2	2.8	124.0	0.92	0.08	15.2	0.399	0.79
Q052040		390	31.6	132.0	<0.002	0.23	0.58	14.9	1	2.6	142.0	0.81	0.08	14.2	0.360	0.82
Q052041		440	30.4	116.5	<0.002	0.46	0.69	13.8	1	2.5	200	0.78	0.07	13.4	0.337	0.98
Q052042		440	22.6	155.5	<0.002	0.28	0.53	15.4	1	2.8	120.5	0.91	0.10	15.1	0.403	1.03
Q052043		490	18.3	117.0	<0.002	0.32	0.43	13.8	1	2.4	133.5	0.78	0.05	12.7	0.359	0.89
Q052044		470	21.5	134.5	<0.002	0.23	0.43	14.2	1	2.5	129.5	0.83	0.08	13.4	0.373	0.83
Q052045		700	7.1	165.5	<0.002	0.19	0.31	15.6	1	2.7	135.0	0.89	0.08	13.9	0.391	0.97
Q052046		290	6.9	55.4	<0.002	0.17	0.22	4.2	1	1.2	572	0.32	<0.05	5.3	0.126	0.41
Q052047		250	7.5	54.1	<0.002	0.08	0.17	4.1	1	1.2	506	0.32	<0.05	5.4	0.119	0.40
Q052048		250	6.3	47.4	<0.002	0.06	0.17	3.9	1	1.1	564	0.30	<0.05	5.0	0.116	0.33
Q052049		290	7.6	44.7	<0.002	0.08	0.20	3.8	2	1.0	550	0.32	<0.05	5.4	0.124	0.29
Q052050		360	10.0	45.3	0.002	0.11	0.45	4.0	1	0.9	986	0.28	<0.05	5.1	0.102	0.42
Q052051		260	11.1	39.7	<0.002	<0.01	0.35	4.2	1	0.9	800	0.26	<0.05	4.3	0.114	0.33
Q052052		510	10.7	150.5	<0.002	0.01	0.37	14.5	1	2.6	133.5	0.83	<0.05	13.4	0.410	0.90
Q052053		520	59.8	138.5	<0.002	0.03	0.43	13.1	1	2.4	121.5	0.75	<0.05	11.6	0.354	0.80
Q052054		830	13.8	153.0	<0.002	<0.01	0.36	15.2	1	2.7	109.5	0.85	0.08	14.0	0.403	0.79
Q052055		840	22.4	142.5	<0.002	0.01	0.40	14.7	1	2.6	284	0.84	0.05	13.4	0.401	0.78
Q052056		470	14.4	164.0	<0.002	<0.01	0.47	14.8	1	2.7	106.5	0.84	<0.05	14.1	0.393	0.92
Q052057		610	18.8	147.5	<0.002	0.01	0.55	13.5	1	2.4	378	0.83	0.06	13.2	0.384	0.85
Q052058		1260	16.3	164.5	<0.002	0.01	0.42	14.9	1	2.7	123.5	0.86	<0.05	13.2	0.408	0.89
Q052059		970	20.4	160.0	<0.002	0.07	0.47	15.8	1	2.8	118.5	0.91	0.06	13.8	0.424	0.86
Q052060		770	16.0	153.0	<0.002	0.09	0.41	16.8	1	2.9	115.0	0.98	0.07	14.3	0.409	0.88
Q052061		770	14.1	147.5	<0.002	0.14	0.45	16.4	1	2.9	119.5	0.97	0.07	14.8	0.392	0.83
Q052062		580	15.5	145.0	<0.002	0.23	0.90	15.5	1	2.9	108.5	0.95	0.09	13.6	0.401	0.88
Q052063		550	12.7	131.5	<0.002	0.08	0.80	15.7	1	2.7	116.0	0.89	0.06	13.8	0.386	0.74
Q052064		500	16.0	130.0	<0.002	0.15	1.00	17.4	1	3.0	123.5	0.99	0.11	15.3	0.408	0.76
Q052065		540	19.9	128.0	<0.002	0.08	1.26	15.8	1	2.7	258	0.83	0.08	14.3	0.372	0.70
Q052066		560	20.6	123.5	<0.002	0.07	0.86	15.8	1	2.9	128.0	0.94	0.08	14.4	0.397	0.74
Q052067		490	20.4	130.0	<0.002	0.13	0.74	15.9	2	2.7	142.0	0.94	0.06	15.1	0.407	0.71
Q052068		640	23.7	119.5	<0.002	0.45	0.79	15.0	1	2.8	128.5	0.93	0.07	14.4	0.396	0.74
Q052069		870	34.9	130.0	<0.002	0.27	1.19	16.5	1	2.8	241	0.97	0.09	15.8	0.399	0.80

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q052030		3.3	102	2.5	22.0	100	112.5
Q052031		3.1	97	1.9	19.6	91	102.0
Q052032		2.9	90	1.6	21.6	94	101.5
Q052033		2.9	91	1.8	21.1	86	105.0
Q052034		3.0	88	1.9	20.7	94	102.0
Q052035		3.0	90	3.0	21.2	92	103.0
Q052036		2.9	88	1.6	21.2	73	100.5
Q052037		3.0	86	1.6	20.9	71	102.0
Q052038		2.9	85	1.7	20.8	84	101.5
Q052039		3.3	92	1.7	22.3	105	108.0
Q052040		2.7	84	1.7	18.9	179	92.9
Q052041		2.6	76	1.5	18.8	95	90.9
Q052042		2.9	93	1.6	20.1	78	107.0
Q052043		2.8	79	1.4	20.6	89	98.3
Q052044		3.3	85	3.3	18.5	78	94.1
Q052045		3.2	92	1.6	20.8	84	88.4
Q052046		12.3	38	0.7	8.8	40	41.7
Q052047		10.7	36	0.7	7.5	32	43.6
Q052048		11.7	35	0.6	7.3	32	39.0
Q052049		10.8	34	0.6	8.4	41	52.7
Q052050		8.7	40	212	8.6	61	52.0
Q052051		7.3	40	1.3	6.8	27	35.7
Q052052		2.4	87	5.5	19.8	71	113.0
Q052053		2.4	78	1.3	18.5	89	102.0
Q052054		2.8	89	1.5	21.1	100	106.5
Q052055		2.5	85	1.5	20.8	98	111.5
Q052056		2.4	87	2.9	18.9	87	111.5
Q052057		2.5	81	1.6	19.8	100	114.5
Q052058		2.5	93	1.7	22.2	96	109.0
Q052059		2.8	94	1.7	21.5	95	113.0
Q052060		2.9	89	1.7	21.5	102	101.0
Q052061		3.1	84	1.7	22.4	99	97.7
Q052062		2.9	83	1.6	19.4	85	106.0
Q052063		3.2	85	2.0	21.2	86	98.2
Q052064		3.0	92	1.8	20.8	105	100.5
Q052065		2.8	88	2.3	21.6	78	99.7
Q052066		2.9	92	1.8	20.2	86	110.5
Q052067		2.9	94	1.7	20.2	86	109.0
Q052068		2.9	89	1.6	18.7	85	108.0
Q052069		3.3	94	1.8	24.5	83	109.5

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CERTIFICATE OF ANALYSIS WH14113438

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q052070		1.06	<0.01	0.04	9.10	16.6	340	2.61	0.40	0.64	<0.02	98.1	19.1	72	13.10	36.0
Q052071		1.08	<0.01	0.04	7.36	11.7	330	2.04	0.29	2.69	0.02	84.3	15.1	55	12.60	36.2
Q052072		0.85	<0.01	0.04	8.17	10.7	600	2.33	0.36	1.50	0.05	84.8	15.5	63	15.00	35.1
Q052073		0.77	<0.01	0.06	7.49	13.7	320	2.10	0.32	2.41	<0.02	92.2	14.5	62	13.90	28.6
Q052074		0.79	<0.01	0.08	6.23	17.5	270	1.74	0.25	7.66	<0.02	77.8	14.4	48	10.25	23.7
Q052075		0.48	<0.01	0.05	6.42	10.4	230	1.68	0.26	3.27	0.18	78.6	10.0	50	12.30	23.9
Q052076		1.59	<0.01	0.06	5.31	16.3	230	1.51	0.21	10.65	0.05	68.2	10.5	48	13.25	20.2
Q052077		1.25	<0.01	0.04	3.69	11.3	210	0.98	0.13	17.75	0.43	47.3	6.5	32	9.33	13.5
Q052078		0.98	<0.01	0.05	3.46	11.5	150	0.91	0.12	20.7	0.04	40.4	5.8	31	9.85	12.6
Q052079		1.54	<0.01	0.05	5.33	13.4	550	1.40	0.21	13.70	0.04	63.5	9.0	45	14.80	19.2
Q052080		1.15	<0.01	0.05	4.35	13.8	310	1.05	0.16	19.65	<0.02	55.9	7.5	35	12.20	17.0
Q052081		0.41	<0.01	0.03	2.95	8.4	740	0.75	0.10	23.8	0.04	37.5	5.0	25	7.70	10.1
Q052082		0.58	<0.01	0.04	4.56	16.2	300	1.12	0.17	17.05	0.02	57.9	9.5	36	12.35	17.1
Q052083		0.86	0.01	0.03	9.72	14.5	360	2.54	0.35	0.52	0.04	95.9	17.2	77	29.7	43.0
Q052084		0.57	<0.01	0.05	9.39	8.1	380	2.15	0.35	1.16	<0.02	86.6	19.9	73	30.2	47.9
Q052085		0.59	0.01	0.03	7.60	4.0	410	2.07	0.33	3.25	0.14	86.8	14.4	83	32.2	25.1
Q052086		0.67	<0.01	0.06	2.32	10.4	340	0.78	0.07	23.4	0.09	29.8	5.0	25	7.01	14.5
Q052087		0.46	<0.01	0.07	2.71	6.0	300	0.90	0.08	21.0	0.04	31.6	4.7	28	7.54	15.7
Q052088		0.49	<0.01	0.10	1.62	6.1	640	0.55	0.06	27.3	0.26	19.90	3.2	19	4.17	11.2
Q052089		1.41	<0.01	0.12	2.51	6.6	260	0.89	0.07	20.7	0.09	31.0	5.5	31	8.33	13.8
Q052090		1.51	<0.01	0.09	2.94	8.7	230	0.99	0.08	17.50	0.12	33.6	5.4	34	8.94	16.4
Q052091		0.54	<0.01	0.05	3.45	14.0	340	1.10	0.09	17.65	0.10	35.5	5.5	38	12.00	21.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q052070		4.80	23.9	0.14	3.0	0.03	0.063	3.02	51.5	154.0	1.48	716	0.27	0.24	12.0	40.5
Q052071		4.29	19.25	0.13	2.5	0.01	0.060	2.34	43.7	124.5	1.61	1490	0.22	0.25	9.5	31.6
Q052072		4.24	21.6	0.13	3.0	0.02	0.068	2.69	42.5	123.0	1.37	813	0.33	0.30	10.8	34.0
Q052073		4.01	20.5	0.16	2.9	0.03	0.064	2.44	47.5	118.5	1.27	776	0.30	0.24	10.8	30.4
Q052074		3.61	16.40	0.13	2.7	0.06	0.052	2.06	40.2	104.5	1.20	608	0.33	0.17	8.9	26.6
Q052075		3.04	16.40	0.13	2.4	0.09	0.057	2.31	41.3	95.1	0.96	533	0.32	0.17	8.5	20.9
Q052076		3.02	14.05	0.09	2.4	0.16	0.048	2.05	34.8	49.8	1.11	416	0.37	0.15	7.8	21.0
Q052077		1.81	9.35	0.10	1.6	0.10	0.028	1.42	24.2	24.2	0.77	228	0.38	0.16	5.4	13.8
Q052078		1.71	8.91	0.12	1.7	0.09	0.026	1.33	21.3	24.8	0.73	194	0.47	0.20	5.3	13.1
Q052079		2.45	13.75	0.14	2.2	0.17	0.041	2.09	33.6	41.9	1.00	260	0.44	0.25	7.4	19.2
Q052080		1.98	11.15	0.16	1.5	0.17	0.037	1.66	29.0	33.4	0.81	252	0.45	0.22	5.7	16.1
Q052081		1.67	7.12	0.11	1.1	0.12	0.023	1.18	19.3	19.7	1.17	357	0.30	0.10	3.9	11.1
Q052082		2.49	11.40	0.13	1.8	0.07	0.030	1.71	30.0	42.2	0.99	1200	0.28	0.10	6.2	18.2
Q052083		4.26	25.7	0.17	3.1	0.01	0.071	3.90	46.6	84.9	1.22	660	0.34	0.15	13.0	41.4
Q052084		5.30	23.9	0.17	2.4	0.01	0.062	3.22	44.6	114.5	1.77	455	0.45	0.10	11.8	46.7
Q052085		3.24	20.4	0.16	3.0	0.01	0.055	2.94	47.1	108.0	2.50	1580	0.14	0.14	12.8	48.1
Q052086		1.19	6.25	0.10	1.1	0.04	0.026	0.92	16.2	64.1	2.01	654	0.45	0.05	4.0	10.8
Q052087		1.21	7.22	0.12	1.4	0.06	0.019	1.14	17.3	66.5	2.42	166	0.61	0.05	4.4	11.8
Q052088		0.72	4.55	0.12	0.8	0.08	0.009	0.75	11.1	34.9	1.32	109	0.83	0.01	3.0	8.0
Q052089		1.25	6.83	0.12	1.2	0.06	0.022	1.27	16.5	39.5	2.80	161	0.81	0.02	4.3	13.1
Q052090		1.32	7.93	0.13	1.8	0.05	0.020	1.49	18.3	53.0	3.01	165	0.92	0.02	5.1	13.2
Q052091		1.34	9.13	0.18	2.0	0.05	0.025	1.82	19.8	29.6	2.80	159	0.52	0.03	6.0	13.4

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q052070		540	19.4	135.5	<0.002	0.19	0.60	16.3	1	2.8	218	0.94	0.08	15.2	0.399	0.79
Q052071		520	26.8	112.0	<0.002	0.20	0.59	13.4	1	2.2	149.0	0.75	<0.05	12.6	0.324	0.62
Q052072		510	26.0	116.5	<0.002	0.31	0.43	14.9	2	2.6	138.5	0.89	0.06	13.7	0.362	0.65
Q052073		600	22.5	121.0	<0.002	0.52	0.46	14.2	1	2.5	172.5	0.85	0.05	14.2	0.354	0.68
Q052074		510	21.0	100.5	<0.002	0.83	0.43	11.3	1	2.0	280	0.71	<0.05	11.9	0.289	0.64
Q052075		450	16.2	106.0	<0.002	1.18	0.39	11.7	1	2.0	149.0	0.70	0.06	11.4	0.287	0.59
Q052076		850	16.2	98.2	<0.002	1.59	0.30	9.9	1	1.8	343	0.60	<0.05	10.0	0.267	0.61
Q052077		850	10.7	66.9	<0.002	1.21	0.23	6.3	1	1.2	775	0.41	<0.05	6.7	0.176	0.40
Q052078		650	9.9	62.6	<0.002	1.29	0.19	5.5	1	1.2	658	0.41	<0.05	6.7	0.177	0.34
Q052079		590	13.7	100.5	<0.002	1.80	0.31	9.1	1	1.7	533	0.59	<0.05	9.7	0.244	0.55
Q052080		480	10.8	79.9	<0.002	1.44	0.26	7.1	1	1.3	806	0.42	<0.05	7.4	0.183	0.68
Q052081		440	6.7	53.9	<0.002	0.98	0.19	4.8	1	1.0	684	0.30	<0.05	5.0	0.126	0.75
Q052082		390	14.5	76.3	<0.002	0.88	1.27	7.5	1	1.4	468	0.48	<0.05	8.3	0.206	0.72
Q052083		730	21.4	149.5	<0.002	0.12	0.54	16.6	1	3.0	133.5	1.03	0.07	16.1	0.424	0.83
Q052084		630	64.0	124.0	<0.002	0.09	0.31	14.7	1	2.7	228	0.94	0.06	13.6	0.369	0.73
Q052085		450	7.1	138.0	<0.002	0.05	0.23	12.8	2	2.6	138.5	1.02	<0.05	15.6	0.338	0.64
Q052086		300	23.8	44.7	<0.002	0.14	0.29	3.9	2	0.9	659	0.31	<0.05	5.1	0.109	0.29
Q052087		290	7.2	55.9	<0.002	0.19	0.27	4.4	2	1.0	872	0.34	<0.05	5.7	0.122	0.36
Q052088		280	8.7	36.4	<0.002	0.18	0.22	2.8	2	0.7	996	0.24	<0.05	3.8	0.079	0.31
Q052089		410	8.8	63.1	<0.002	0.20	0.29	4.2	2	1.0	625	0.32	<0.05	5.3	0.117	0.47
Q052090		440	6.9	70.8	<0.002	0.15	0.25	4.8	2	1.2	616	0.38	<0.05	6.4	0.141	0.46
Q052091		410	7.3	76.7	<0.002	0.11	0.21	5.5	2	1.4	529	0.47	<0.05	7.5	0.165	0.45

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113438

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q052070		3.0	95	2.4	20.9	82	106.5
Q052071		2.8	74	1.4	19.8	77	90.9
Q052072		2.8	80	1.6	20.4	92	101.5
Q052073		2.8	77	1.5	21.7	68	105.0
Q052074		2.8	61	1.3	18.4	68	90.5
Q052075		2.3	60	1.2	15.6	330	85.7
Q052076		2.7	57	1.2	18.4	69	83.2
Q052077		2.4	37	0.8	11.3	220	58.0
Q052078		2.4	33	0.9	8.9	30	57.9
Q052079		2.9	49	1.1	14.1	52	74.7
Q052080		2.5	38	0.8	11.4	42	53.4
Q052081		1.7	27	0.6	9.0	48	41.6
Q052082		2.1	42	0.9	11.7	44	64.3
Q052083		3.4	93	1.8	21.1	103	107.0
Q052084		2.7	79	1.5	18.2	107	82.5
Q052085		2.9	59	1.6	21.4	103	104.5
Q052086		12.6	33	0.6	8.5	38	42.7
Q052087		12.5	43	0.6	8.4	31	52.9
Q052088		14.9	32	0.4	5.6	61	29.5
Q052089		10.7	47	0.6	8.6	38	45.9
Q052090		7.3	51	0.6	9.6	40	66.3
Q052091		10.5	57	0.8	10.1	49	72.5

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14113438

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

CERTIFICATE WH14120282

Project: NADALEEN

P.O. No.: C14- 003

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

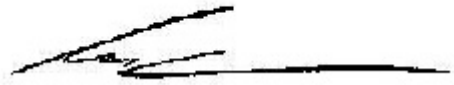
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120282

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q052092		0.45	<0.01	0.17	9.26	222	910	2.71	0.44	0.17	0.17	61.3	13.6	90	31.3	50.7
Q052093		0.42	<0.01	0.12	9.39	42.6	610	2.90	0.41	0.05	0.11	83.9	11.6	83	39.5	39.9
Q052094		0.41	<0.01	0.08	8.27	52.5	580	3.59	0.30	1.61	0.20	105.0	18.9	63	46.6	48.9
Q052095		0.56	<0.01	0.13	1.58	439	100	0.64	0.11	15.50	0.30	20.7	4.9	12	5.65	14.8
Q052096		0.46	<0.01	0.23	1.23	530	60	0.55	0.10	16.55	0.62	12.75	3.1	11	4.52	11.5
Q052097		0.33	<0.01	9.28	4.34	452	160	1.48	0.22	8.70	0.25	37.9	12.1	42	19.25	65.0
Q052098		0.37	<0.01	0.07	5.71	79.1	330	1.61	0.25	4.04	0.49	57.2	20.8	58	24.7	62.6
Q052099		0.47	<0.01	0.05	7.04	55.5	310	1.94	0.33	2.88	0.20	73.2	13.5	73	32.3	56.8
Q052100		0.63	<0.01	0.06	6.85	28.6	270	1.88	0.32	2.11	0.24	73.4	18.0	72	31.9	59.2
Q052101		0.40	<0.01	0.05	5.69	14.8	260	1.40	0.22	3.87	0.59	54.7	18.0	67	24.9	55.7
Q052102		0.48	<0.01	0.07	5.78	21.5	210	1.60	0.24	3.44	0.21	62.7	25.3	70	27.1	57.6
Q052103		0.48	<0.01	0.09	7.02	46.2	310	2.01	0.32	1.78	0.08	73.6	29.4	78	31.7	63.8
Q052104		0.27	<0.01	0.06	5.71	34.1	390	1.44	0.24	2.43	0.13	60.2	20.9	74	24.5	48.0
Q052105		0.57	<0.01	0.05	5.82	63.6	510	1.49	0.25	1.95	0.11	59.4	17.5	75	23.8	52.8
Q052106		0.34	<0.01	0.06	6.51	129.0	750	1.61	0.29	2.30	0.28	66.6	19.3	74	28.1	56.3
Q052107		0.43	<0.01	0.07	5.34	100.0	500	1.32	0.22	1.72	0.22	51.2	15.9	64	18.20	41.9
Q052108		0.34	<0.01	0.08	5.40	107.0	430	1.37	0.24	1.33	0.12	61.7	21.2	74	21.0	45.0
Q052109		0.47	<0.01	0.03	1.89	323	260	0.42	0.07	5.95	0.04	27.8	6.4	31	6.19	16.9
Q052110		0.31	<0.01	0.08	4.88	61.1	260	1.21	0.21	2.41	0.07	50.4	19.0	58	29.3	44.8
Q052111		0.42	<0.01	0.05	6.19	44.4	290	1.66	0.27	1.87	0.05	64.4	20.8	75	33.7	57.0
Q052112		0.76	<0.01	0.06	5.95	26.4	280	1.52	0.23	2.40	0.18	59.8	20.2	70	21.5	54.5
Q052113		0.26	<0.01	0.04	6.04	26.6	240	1.46	0.26	2.20	0.08	62.1	19.6	72	20.3	56.0
Q052114		0.41	<0.01	0.06	5.99	31.8	270	1.59	0.26	2.31	0.07	60.8	19.5	72	19.70	56.2
Q052115		0.62	<0.01	0.06	6.36	21.2	230	1.62	0.28	2.20	0.06	62.6	22.1	73	23.1	59.2
Q052116		0.33	<0.01	0.04	6.46	16.0	250	1.75	0.27	2.26	0.06	67.9	17.4	72	26.3	62.0
Q052117		0.93	<0.01	0.08	7.14	13.4	270	2.14	0.32	1.10	0.08	65.6	22.7	78	53.5	56.5
Q052118		0.98	<0.01	0.04	7.51	47.5	270	2.25	0.36	0.74	0.06	68.4	14.7	79	48.7	58.8
Q052119		1.00	<0.01	0.06	6.89	23.2	300	1.85	0.28	2.28	0.07	68.1	15.3	73	32.9	56.4
Q052120		0.95	<0.01	0.07	6.01	45.8	230	1.57	0.25	2.49	0.05	59.4	19.4	69	29.8	52.6
Q052121		0.95	<0.01	0.07	5.72	98.7	350	1.44	0.23	2.55	0.02	63.6	15.4	71	22.9	52.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120282

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q052092		4.52	29.0	0.23	3.8	1.70	0.079	4.51	27.6	61.8	0.61	199	5.56	0.05	13.5	22.1
Q052093		5.22	27.5	0.26	3.6	0.69	0.078	4.35	43.3	57.5	0.61	331	6.44	0.05	12.9	23.4
Q052094		4.26	22.4	0.27	3.0	0.43	0.070	3.87	47.5	42.7	1.34	488	2.64	0.04	12.0	46.8
Q052095		1.35	4.19	0.16	0.8	0.53	0.016	0.72	9.9	3.4	9.35	1180	15.75	0.02	3.2	12.0
Q052096		1.06	3.36	0.15	0.7	0.79	0.014	0.57	5.5	4.5	9.96	799	10.65	0.02	2.0	17.3
Q052097		3.13	11.00	0.17	2.0	3.64	0.046	2.03	17.7	11.1	4.84	709	4.64	0.02	6.7	36.8
Q052098		5.90	13.95	0.19	2.7	1.55	0.076	2.62	25.4	30.3	2.26	496	0.76	0.03	9.7	39.3
Q052099		3.84	20.0	0.23	3.8	0.34	0.073	3.33	35.2	87.5	2.23	535	0.60	0.04	12.8	29.5
Q052100		4.86	19.55	0.22	3.8	0.42	0.075	3.15	35.2	120.5	2.08	453	0.53	0.04	12.4	33.7
Q052101		5.18	15.80	0.19	3.2	0.22	0.071	2.36	25.9	148.5	2.73	885	0.42	0.03	10.0	34.9
Q052102		5.56	16.55	0.18	3.4	0.19	0.067	2.51	29.7	98.1	2.59	881	0.55	0.03	10.4	40.6
Q052103		5.45	20.0	0.21	3.8	0.20	0.073	3.20	35.4	68.1	2.18	383	0.66	0.04	12.7	47.1
Q052104		5.04	16.50	0.20	3.2	0.12	0.057	2.34	29.0	112.0	2.21	561	0.43	0.03	10.3	37.1
Q052105		4.43	16.50	0.19	3.3	0.18	0.056	2.43	28.9	141.5	1.79	405	0.51	0.03	10.4	32.2
Q052106		4.16	18.50	0.25	3.6	0.52	0.072	2.93	32.2	84.0	1.64	420	0.55	0.03	11.3	33.7
Q052107		3.82	14.85	0.20	2.9	0.75	0.057	2.22	24.9	78.5	1.26	330	0.79	0.02	8.8	31.2
Q052108		2.98	15.45	0.20	3.7	0.68	0.053	2.29	29.9	69.1	0.94	285	0.33	0.03	10.4	35.2
Q052109		3.57	4.82	0.12	1.2	0.61	0.023	0.80	12.9	25.8	2.32	1260	0.18	0.01	3.3	10.5
Q052110		4.19	13.80	0.16	2.7	0.15	0.051	2.17	24.7	49.2	1.92	657	0.41	0.06	8.3	33.2
Q052111		5.18	17.95	0.19	3.5	0.13	0.072	2.47	32.0	69.3	2.24	504	0.38	0.05	11.6	38.3
Q052112		4.90	16.85	0.18	3.3	0.25	0.066	2.08	28.8	66.9	2.30	666	0.42	0.03	10.4	38.5
Q052113		4.93	16.85	0.18	3.3	0.21	0.068	1.92	29.6	49.4	2.18	643	0.33	0.03	10.9	38.7
Q052114		5.30	17.40	0.19	3.4	0.24	0.068	2.15	29.3	48.9	2.31	612	0.35	0.03	10.7	37.7
Q052115		5.06	17.90	0.20	3.5	0.10	0.064	2.46	30.2	88.2	2.33	602	0.36	0.03	11.1	39.0
Q052116		5.04	18.80	0.20	3.6	0.08	0.070	2.64	33.6	97.4	2.44	662	0.30	0.03	11.8	35.9
Q052117		5.55	21.0	0.22	3.7	0.09	0.076	3.02	31.7	70.1	1.97	230	0.42	0.13	11.6	41.3
Q052118		5.10	22.8	0.23	3.9	0.07	0.079	3.34	33.2	78.2	1.78	250	0.52	0.11	12.8	35.6
Q052119		4.79	19.40	0.20	3.6	0.06	0.077	2.84	33.0	102.0	2.35	580	0.47	0.04	11.7	36.0
Q052120		4.96	16.95	0.18	3.4	0.05	0.063	2.29	28.8	94.1	2.19	581	0.35	0.03	10.7	37.2
Q052121		4.32	17.05	0.18	3.6	0.31	0.057	2.16	30.7	99.2	1.72	510	0.34	0.03	11.0	30.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120282

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q052092		1620	23.2	177.5	0.011	0.14	1.26	17.2	3	4.2	184.5	1.09	0.06	13.1	0.408	4.98
Q052093		1530	25.1	183.0	0.019	0.22	1.29	16.1	4	3.9	112.5	1.04	0.05	16.9	0.392	3.39
Q052094		730	22.6	146.0	0.014	2.40	0.85	15.6	3	2.8	130.0	0.82	0.05	16.2	0.351	1.67
Q052095		250	44.7	25.7	0.006	0.13	1.30	3.0	1	0.6	142.5	0.22	<0.05	3.1	0.086	0.95
Q052096		220	11.0	21.8	0.013	0.23	1.24	3.1	2	0.4	173.0	0.14	<0.05	1.6	0.085	1.56
Q052097		410	32.8	76.9	0.038	2.46	1.66	10.2	3	1.2	144.5	0.45	0.07	5.3	0.342	6.40
Q052098		430	34.7	108.0	0.002	5.47	0.59	16.4	1	1.7	176.5	0.66	0.05	7.5	0.480	2.90
Q052099		590	20.2	155.5	<0.002	0.86	0.42	19.4	1	2.3	143.5	0.94	0.06	12.7	0.554	1.45
Q052100		580	35.7	151.5	<0.002	1.00	0.57	19.3	1	2.3	131.0	0.93	0.07	12.8	0.531	1.67
Q052101		530	11.0	131.0	<0.002	0.34	0.48	17.0	1	1.8	206	0.72	<0.05	9.6	0.490	0.90
Q052102		660	25.0	151.0	<0.002	0.81	0.75	18.2	1	2.0	186.5	0.76	<0.05	10.2	0.506	1.08
Q052103		560	37.3	183.0	<0.002	1.15	0.92	19.6	1	2.3	113.5	0.94	0.06	12.7	0.572	1.29
Q052104		510	13.5	127.0	<0.002	0.24	0.42	16.0	<1	1.8	133.5	0.75	<0.05	9.8	0.521	0.98
Q052105		470	13.7	116.5	<0.002	0.76	0.42	17.5	1	2.0	165.5	0.76	<0.05	10.2	0.526	0.96
Q052106		600	26.2	137.0	<0.002	1.74	0.59	17.8	1	2.1	239	0.84	0.05	11.9	0.522	1.92
Q052107		360	25.2	101.0	<0.002	1.72	0.49	14.1	1	1.7	177.5	0.64	<0.05	9.0	0.427	2.52
Q052108		350	19.9	105.0	<0.002	1.58	0.62	13.5	1	1.8	161.0	0.76	0.05	10.8	0.510	2.34
Q052109		220	6.8	33.9	<0.002	0.74	0.71	7.5	<1	0.6	184.5	0.23	<0.05	3.6	0.208	1.25
Q052110		410	18.9	127.0	<0.002	0.47	0.66	13.8	1	1.6	90.7	0.60	<0.05	8.8	0.422	0.97
Q052111		510	16.1	145.5	<0.002	0.31	0.38	19.4	1	2.2	105.5	0.86	<0.05	11.2	0.557	1.37
Q052112		480	18.3	115.0	<0.002	0.69	0.48	16.5	1	1.9	117.0	0.77	<0.05	10.0	0.521	1.40
Q052113		510	17.6	105.5	<0.002	0.57	0.34	17.8	1	2.0	106.0	0.77	<0.05	10.7	0.539	1.18
Q052114		490	21.6	118.5	<0.002	0.86	0.46	18.1	1	2.0	104.5	0.77	0.06	10.6	0.528	1.30
Q052115		490	18.0	134.5	<0.002	0.33	0.60	17.6	1	2.0	102.0	0.81	0.06	11.0	0.542	0.99
Q052116		510	17.7	149.5	<0.002	0.21	0.38	19.5	1	2.2	100.0	0.84	0.06	11.9	0.544	0.99
Q052117		480	30.7	156.0	<0.002	0.99	0.74	20.3	1	2.5	71.5	0.86	<0.05	11.8	0.504	1.13
Q052118		490	11.4	166.5	<0.002	0.45	0.44	21.3	1	2.7	75.0	0.92	0.07	12.3	0.538	1.17
Q052119		560	12.0	152.0	<0.002	0.24	0.34	19.2	1	2.2	147.0	0.88	0.05	12.2	0.539	0.95
Q052120		470	17.0	127.0	<0.002	0.24	0.34	16.6	1	1.9	131.0	0.79	0.06	10.6	0.510	0.77
Q052121		530	12.3	110.5	<0.002	2.25	0.52	17.2	1	2.0	246	0.82	<0.05	11.5	0.532	2.04

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120282

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q052092		5.0	188	2.9	22.1	116	117.5
Q052093		5.2	184	2.3	20.4	86	112.0
Q052094		3.6	144	1.6	26.2	68	105.5
Q052095		4.1	57	1.2	5.6	44	28.8
Q052096		4.9	63	1.7	5.4	84	25.0
Q052097		2.1	96	55.4	15.6	56	77.4
Q052098		1.7	125	2.6	20.5	178	99.3
Q052099		2.6	142	2.0	24.5	96	124.0
Q052100		2.5	139	1.5	25.0	116	120.0
Q052101		1.9	126	1.2	21.2	380	101.0
Q052102		2.1	132	1.7	23.9	161	109.0
Q052103		2.5	148	1.5	23.9	83	121.0
Q052104		2.0	139	1.2	20.2	93	106.5
Q052105		2.0	143	1.2	19.0	88	105.5
Q052106		2.4	142	1.5	20.5	168	115.5
Q052107		2.0	123	1.3	15.3	108	100.0
Q052108		2.2	134	1.9	17.4	89	109.5
Q052109		0.8	56	1.3	11.1	34	40.4
Q052110		1.7	118	1.1	16.7	57	87.7
Q052111		2.3	148	1.4	22.5	65	114.0
Q052112		2.0	138	2.0	20.5	115	105.5
Q052113		2.2	138	3.0	22.3	80	108.0
Q052114		2.2	141	1.4	21.2	73	109.5
Q052115		2.2	144	1.8	24.6	79	110.5
Q052116		2.4	143	1.4	24.1	80	118.5
Q052117		2.4	142	1.5	22.7	84	119.0
Q052118		2.6	148	1.6	23.4	80	127.5
Q052119		2.3	138	1.4	22.1	74	116.0
Q052120		2.1	136	1.3	20.0	59	106.0
Q052121		2.2	142	2.6	20.7	36	114.5

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14120282

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA26	Hg- CV41	ME- MS61

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2014
Account: RCM

CERTIFICATE WH14125364

Project: NADALEEN

P.O. No.: BATCH C14- 004

This report is for 21 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

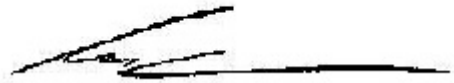
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 28- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125364

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q052122		1.38	<0.01	0.37	9.53	161.5	830	2.54	0.39	0.17	0.09	86.2	10.4	83	33.6	46.9
Q052123		0.96	<0.01	0.08	6.39	111.5	330	2.41	0.24	7.38	0.27	76.6	13.7	42	31.6	37.9
Q052124		1.00	<0.01	0.18	0.71	324	40	0.39	0.02	14.85	0.33	8.26	2.2	7	2.12	6.9
Q052125		1.09	<0.01	0.20	4.21	757	190	1.37	0.20	7.57	0.55	43.0	10.8	47	19.05	36.8
Q052126		0.91	<0.01	0.06	6.77	95.6	400	1.96	0.27	1.85	0.69	66.9	23.7	72	30.6	65.2
Q052127		0.94	<0.01	0.07	7.23	56.0	290	2.18	0.28	2.00	1.31	70.0	19.2	73	35.1	69.4
Q052128		0.74	<0.01	0.04	5.92	21.9	440	1.42	0.20	3.41	0.14	59.4	13.5	65	25.8	52.3
Q052129		0.67	0.01	0.05	6.35	41.6	250	1.77	0.25	2.48	0.10	62.9	15.6	69	35.3	55.0
Q052130		0.95	0.01	0.10	6.62	37.4	280	1.92	0.28	2.14	0.31	66.4	18.5	79	34.1	60.9
Q052131		0.91	0.01	0.10	6.50	71.4	280	1.80	0.27	1.85	0.11	66.2	20.6	76	28.7	52.2
Q052132		0.93	<0.01	0.05	7.08	34.2	280	1.88	0.28	1.94	0.07	68.6	16.9	81	41.7	59.1
Q052133		0.88	0.01	0.11	5.00	47.7	220	1.21	0.20	1.80	0.08	48.5	13.6	63	19.25	42.8
Q052134		0.44	<0.01	0.06	7.62	39.2	260	2.23	0.31	1.51	0.03	73.7	19.2	78	47.0	63.5
Q052135		0.83	<0.01	0.05	6.58	48.0	210	1.68	0.25	2.47	0.08	59.1	17.5	81	38.4	60.9
Q052136		0.72	0.01	0.04	5.44	34.4	220	1.47	0.21	3.05	0.08	53.5	16.2	66	26.9	49.2
Q052137		0.74	0.01	0.06	6.44	54.4	220	1.71	0.25	2.57	0.05	62.9	19.1	77	26.4	57.8
Q052138		1.16	0.01	0.07	6.25	34.7	240	1.56	0.25	2.44	0.07	60.1	22.7	76	31.1	56.2
Q052139		0.35	0.01	0.06	6.52	39.7	230	1.65	0.25	2.65	0.10	63.4	17.6	74	31.5	60.9
Q052140		0.70	0.01	0.08	7.03	24.4	280	1.82	0.28	2.28	0.14	66.5	20.9	78	37.0	58.5
Q052141		0.45	0.01	0.05	6.72	56.0	450	1.83	0.26	2.26	0.11	63.0	18.5	76	40.8	57.5
Q052142		0.62	<0.01	0.06	4.77	22.2	490	1.07	0.20	2.51	0.16	49.9	15.1	63	22.1	42.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q052122		4.70	26.4	0.21	3.3	1.44	0.074	4.32	46.4	70.4	0.61	151	4.77	0.05	12.4	21.4
Q052123		3.29	17.30	0.20	2.3	0.44	0.056	2.95	38.8	21.4	4.47	1060	3.32	0.03	8.7	36.6
Q052124		0.93	1.89	0.10	0.4	0.50	0.009	0.33	4.0	3.0	9.51	1190	16.25	0.01	1.2	8.3
Q052125		3.19	11.05	0.14	2.2	4.70	0.047	1.88	21.4	15.3	4.25	1220	10.10	0.02	6.7	33.3
Q052126		5.50	18.20	0.18	3.3	1.61	0.080	3.07	32.3	63.9	1.37	519	0.66	0.03	11.1	46.8
Q052127		4.72	18.50	0.20	3.5	0.32	0.073	3.22	34.7	127.0	1.99	422	0.53	0.04	11.9	43.2
Q052128		4.65	15.45	0.19	3.0	0.12	0.069	2.60	28.3	112.5	2.42	690	0.39	0.03	10.0	30.2
Q052129		4.32	16.55	0.17	3.3	0.12	0.063	2.85	30.6	82.6	2.07	536	0.34	0.03	10.8	31.8
Q052130		4.94	17.60	0.21	3.2	0.27	0.072	3.02	32.7	69.3	1.95	458	0.57	0.04	11.1	38.8
Q052131		4.62	17.35	0.16	3.1	0.37	0.066	2.76	31.9	80.8	1.64	445	0.43	0.03	10.5	35.4
Q052132		5.27	18.45	0.19	3.2	0.08	0.069	3.03	32.7	108.5	2.22	442	0.56	0.04	11.4	35.0
Q052133		4.99	12.55	0.17	2.2	0.66	0.051	2.20	23.7	52.0	1.48	437	1.28	0.02	7.2	29.8
Q052134		5.51	19.90	0.16	3.5	0.13	0.079	3.66	35.7	56.0	2.21	502	0.29	0.04	12.4	35.7
Q052135		5.50	16.85	0.17	3.0	0.21	0.067	2.91	28.8	104.0	2.52	715	0.39	0.04	10.3	36.2
Q052136		4.90	13.95	0.16	2.7	0.21	0.059	2.24	25.7	84.6	2.43	871	0.38	0.03	8.8	31.6
Q052137		5.17	16.55	0.16	3.0	0.29	0.066	2.58	29.8	83.6	2.35	673	0.45	0.04	10.4	37.0
Q052138		5.29	16.10	0.18	3.0	0.12	0.063	2.36	28.9	78.3	2.47	639	0.44	0.04	10.1	37.7
Q052139		5.35	16.70	0.15	3.0	0.21	0.072	2.50	30.2	72.6	2.54	709	0.43	0.04	10.3	35.9
Q052140		5.55	18.25	0.17	3.0	0.08	0.071	2.87	32.3	97.6	2.40	564	0.71	0.04	11.1	42.7
Q052141		5.33	17.20	0.17	3.0	0.73	0.068	2.58	31.1	110.5	2.13	533	0.51	0.04	10.5	40.3
Q052142		4.24	12.15	0.16	2.3	0.23	0.050	1.79	24.1	106.5	1.87	552	0.37	0.03	7.7	26.7

***** See Appendix Page for comments regarding this certificate *****

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q052122		1730	20.1	192.0	0.010	0.10	1.10	18.0	2	4.0	215	1.00	0.09	17.1	0.400	3.79
Q052123		590	16.4	119.5	0.007	0.76	0.77	12.1	1	2.0	146.5	0.68	<0.05	12.5	0.243	1.58
Q052124		270	11.9	12.6	0.011	0.09	1.38	1.9	1	0.3	146.0	0.09	<0.05	1.1	0.040	1.53
Q052125		320	50.8	78.6	0.017	2.18	2.70	10.5	2	1.5	120.5	0.51	0.05	6.8	0.297	8.51
Q052126		500	46.4	139.5	<0.002	2.92	0.53	20.1	1	2.1	139.5	0.82	0.09	10.3	0.548	2.83
Q052127		540	28.1	152.5	<0.002	0.58	0.49	19.8	1	2.3	126.5	0.89	0.06	11.0	0.559	1.27
Q052128		540	11.5	128.0	<0.002	0.45	0.39	17.3	1	1.8	218	0.73	<0.05	8.8	0.512	1.06
Q052129		510	15.6	150.0	<0.002	0.37	0.41	17.6	2	1.9	120.5	0.81	0.06	9.9	0.543	0.85
Q052130		480	23.2	150.5	<0.002	1.10	0.72	17.5	1	2.0	126.0	0.78	0.06	10.1	0.568	1.11
Q052131		530	22.9	133.5	<0.002	1.30	0.80	17.0	1	1.9	132.5	0.77	0.06	10.2	0.534	1.80
Q052132		710	12.5	168.0	<0.002	0.72	0.55	18.8	1	2.1	102.0	0.82	0.09	10.3	0.576	1.08
Q052133		390	24.1	103.0	0.002	2.51	0.63	13.2	2	1.5	136.5	0.51	<0.05	6.9	0.414	3.10
Q052134		640	17.5	202	<0.002	0.62	0.59	20.7	1	2.4	101.5	0.91	0.05	11.3	0.577	1.26
Q052135		530	16.7	164.0	<0.002	0.64	0.50	18.2	1	1.9	83.1	0.74	0.06	9.0	0.573	1.39
Q052136		470	15.2	129.0	<0.002	0.57	0.42	15.6	1	1.6	112.0	0.65	0.06	7.9	0.492	1.15
Q052137		560	15.4	139.0	<0.002	0.85	0.58	17.5	1	1.9	103.5	0.76	0.06	9.4	0.554	1.55
Q052138		540	19.5	128.0	<0.002	0.41	0.74	17.0	1	1.9	101.0	0.71	0.06	9.1	0.561	0.87
Q052139		600	18.5	136.0	<0.002	0.58	0.54	18.0	1	2.0	103.5	0.73	0.09	9.3	0.549	1.08
Q052140		600	17.4	158.5	<0.002	0.83	0.65	18.6	1	2.1	109.0	0.79	0.07	10.2	0.546	1.04
Q052141		670	15.3	142.0	<0.002	1.62	0.56	17.0	1	2.0	161.0	0.76	0.05	9.9	0.553	2.38
Q052142		420	15.6	92.3	<0.002	0.81	0.47	13.1	1	1.5	115.5	0.56	<0.05	7.3	0.466	0.89

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125364

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q052122		4.6	183	3.7	19.9	90	112.5
Q052123		2.9	96	1.6	21.6	82	78.2
Q052124		7.6	77	1.0	3.6	40	11.7
Q052125		3.5	101	4.1	14.1	167	74.5
Q052126		2.1	150	1.9	22.7	257	112.5
Q052127		2.5	146	1.4	24.9	208	119.5
Q052128		1.9	130	3.0	21.0	89	105.0
Q052129		2.0	141	1.2	21.6	85	111.5
Q052130		2.2	152	1.5	21.7	222	115.0
Q052131		2.2	145	1.6	22.0	100	112.0
Q052132		2.1	158	2.0	23.3	75	113.5
Q052133		1.6	123	1.0	14.6	70	78.6
Q052134		2.4	149	1.4	24.8	77	119.0
Q052135		1.9	157	1.2	20.5	85	105.0
Q052136		1.7	130	1.5	19.2	70	90.8
Q052137		2.0	144	1.5	21.3	72	106.0
Q052138		1.9	147	1.2	21.0	85	103.5
Q052139		2.0	145	1.1	22.3	99	105.0
Q052140		2.1	144	1.3	22.1	106	109.0
Q052141		2.0	145	1.2	21.0	92	114.0
Q052142		1.5	129	1.0	16.4	78	81.3

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Finalized Date: 28- AUG- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14125364

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
CRU- 31 CRU- QC LOG- 21 SPL- 21
WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA26 Hg- CV41 ME- MS61 PUL- 31
PUL- QC

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2014
Account: RCM

CERTIFICATE WH14132983

Project: NADALEEN

P.O. No.: 14- C05

This report is for 39 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

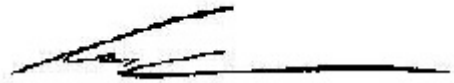
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132983

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q052143		0.65	<0.01	0.08	6.24	101.0	490	1.94	0.24	0.68	0.17	70.4	19.7	75	34.8	51.9
Q052144		0.82	<0.01	0.07	6.54	123.5	520	1.54	0.24	1.01	0.10	69.7	16.0	83	29.4	48.4
Q052145		0.90	<0.01	0.05	6.05	128.5	460	1.57	0.23	0.73	0.03	68.8	21.1	82	26.7	54.1
Q052146		1.22	<0.01	0.05	6.04	126.5	310	1.73	0.25	2.27	0.02	67.5	19.9	71	31.4	54.8
Q052147		0.89	<0.01	0.07	6.31	29.9	290	1.89	0.24	1.71	0.02	67.2	20.3	74	34.2	55.5
Q052148		1.04	<0.01	0.06	7.75	29.7	410	2.54	0.32	1.58	0.03	85.1	21.9	78	40.0	63.8
Q052149		0.65	<0.01	0.07	7.41	33.2	250	2.35	0.31	1.73	<0.02	79.9	23.6	74	50.7	59.6
Q052150		0.71	<0.01	0.05	7.56	29.9	480	2.55	0.32	1.62	<0.02	82.3	21.8	76	41.2	65.2
Q052151		0.78	<0.01	0.07	7.79	58.1	490	2.49	0.32	1.76	<0.02	85.5	24.7	70	33.2	64.7
Q052152		0.59	<0.01	0.04	7.46	11.1	220	2.30	0.30	1.69	0.03	81.4	22.4	75	60.6	61.1
Q052153		0.78	<0.01	0.09	7.10	36.7	210	2.11	0.27	1.82	0.06	80.1	23.1	75	51.6	60.3
Q052154		0.66	<0.01	0.06	7.50	27.7	250	2.37	0.29	1.77	0.15	82.1	17.9	77	46.9	58.8
Q052155		0.78	<0.01	0.11	7.72	41.3	480	2.34	0.29	1.63	0.19	83.1	26.5	80	42.8	57.3
Q052156		0.64	<0.01	0.03	5.65	39.0	250	1.51	0.20	2.17	<0.02	59.6	14.9	72	29.6	56.3
Q052157		1.12	<0.01	0.07	5.66	49.4	560	1.76	0.20	1.97	0.02	57.3	24.0	74	40.8	47.5
Q052158		1.15	<0.01	0.05	6.00	48.5	240	1.67	0.23	1.86	<0.02	64.7	16.8	71	29.5	51.4
Q052159		0.91	<0.01	0.07	6.04	35.2	250	1.64	0.22	2.59	0.04	65.0	20.9	74	38.6	55.4
Q052160		0.89	<0.01	0.08	6.10	21.7	240	1.68	0.23	2.69	0.09	65.1	25.2	71	44.9	54.4
Q052161		0.88	<0.01	0.09	6.82	24.6	290	1.97	0.26	2.73	0.13	72.9	26.2	75	48.4	61.0
Q052162		1.17	<0.01	0.03	6.45	33.5	310	2.00	0.24	3.22	0.08	70.2	14.0	73	32.3	56.7
Q052163		1.06	<0.01	0.05	5.98	28.4	370	1.65	0.22	2.85	0.08	65.7	19.5	73	26.4	54.0
Q052164		1.09	<0.01	0.07	6.41	17.3	260	1.70	0.24	2.87	0.11	65.6	26.3	78	45.8	56.7
Q052165		0.55	<0.01	0.07	5.51	15.9	210	1.60	0.23	3.15	0.15	62.7	19.2	64	38.8	47.5
Q052166		0.81	<0.01	0.08	7.38	33.6	300	2.35	0.37	1.46	0.05	74.1	19.3	75	42.6	50.2
Q052167		0.67	<0.01	0.06	7.24	17.1	300	2.21	0.31	1.90	<0.02	70.6	22.9	73	45.3	54.0
Q052168		0.63	<0.01	0.07	7.44	28.7	340	2.32	0.36	1.25	0.03	76.8	22.2	72	53.0	54.5
Q052169		0.83	<0.01	0.05	7.19	28.9	300	2.25	0.33	1.47	0.07	74.9	20.0	72	50.0	52.5
Q052170		0.89	<0.01	0.07	6.51	17.4	270	1.91	0.29	2.25	0.06	65.6	18.2	68	34.2	46.9
Q052171		0.78	<0.01	0.08	6.16	28.1	260	2.04	0.26	4.28	0.30	62.8	18.1	58	29.3	45.6
Q052172		1.28	<0.01	0.04	2.50	53.3	450	0.55	0.11	2.90	0.06	30.9	7.3	33	5.94	20.1
Q052173		1.20	<0.01	0.05	4.68	20.3	530	1.26	0.22	3.12	0.08	53.6	11.3	53	16.20	31.1
Q052174		1.03	<0.01	0.06	7.31	20.5	280	2.19	0.29	2.45	<0.02	71.6	18.7	69	36.0	50.3
Q052175		1.21	<0.01	0.06	7.29	45.6	320	2.19	0.30	2.41	0.02	74.8	19.9	67	33.4	50.8
Q052176		1.10	<0.01	0.07	7.90	23.5	310	2.36	0.33	2.56	0.03	80.1	21.4	72	38.3	55.4
Q052177		1.04	<0.01	0.06	7.23	43.6	240	2.36	0.29	2.82	0.03	73.0	19.7	63	35.2	51.2
Q052178		0.71	<0.01	0.09	6.68	215	270	2.05	0.28	2.74	0.20	73.8	18.8	58	26.9	38.6
Q052179		0.87	<0.01	0.07	6.33	162.5	240	1.91	0.28	2.85	0.13	74.3	14.5	55	26.5	33.4
Q052180		0.68	<0.01	0.06	8.46	122.0	270	2.80	0.35	2.23	0.16	82.2	17.3	70	43.1	56.5
Q052181		0.66	0.13	0.08	8.10	286	230	2.95	0.36	2.08	0.27	78.7	18.7	72	38.9	56.2

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q052143		4.60	16.50	0.18	3.1	0.57	0.070	2.82	34.1	55.6	0.46	562	1.68	0.03	9.9	35.8
Q052144		4.74	16.95	0.14	3.3	0.73	0.066	2.66	34.2	68.3	0.65	649	0.92	0.03	10.2	32.3
Q052145		5.25	16.15	0.16	3.0	0.08	0.066	2.44	33.1	95.8	0.80	657	0.95	0.03	9.8	38.5
Q052146		5.00	16.00	0.14	3.0	0.09	0.071	2.42	32.9	105.5	2.03	829	0.41	0.03	9.8	34.8
Q052147		5.28	16.50	0.13	3.2	0.20	0.074	2.50	32.9	116.5	1.97	472	0.46	0.03	10.7	37.8
Q052148		5.25	20.9	0.18	3.8	0.16	0.088	3.14	41.7	144.5	2.08	585	0.42	0.04	14.1	39.3
Q052149		5.70	19.60	0.17	3.5	0.12	0.080	3.07	38.2	140.0	2.27	614	0.32	0.04	13.2	41.0
Q052150		5.51	20.2	0.17	3.8	0.12	0.086	3.18	40.6	145.5	2.23	555	0.26	0.04	13.7	40.0
Q052151		6.35	21.0	0.15	3.9	0.46	0.093	3.10	41.4	130.5	1.71	499	0.30	0.04	13.9	45.3
Q052152		5.55	19.90	0.17	3.6	0.05	0.080	3.10	39.8	144.5	2.25	546	0.32	0.05	13.7	39.4
Q052153		5.47	18.85	0.16	3.6	0.05	0.075	2.88	37.4	127.0	2.25	585	0.43	0.06	12.9	40.4
Q052154		5.33	19.70	0.18	3.8	0.08	0.078	3.16	39.3	114.0	2.25	567	0.61	0.05	12.7	37.1
Q052155		5.70	20.3	0.16	3.6	0.23	0.082	3.29	39.4	128.5	2.10	481	0.41	0.04	12.8	46.0
Q052156		4.70	14.65	0.12	3.0	0.11	0.061	2.19	28.9	92.5	2.11	590	0.44	0.04	9.4	32.7
Q052157		4.49	14.95	0.14	2.7	0.12	0.060	2.39	27.9	97.4	1.84	584	0.57	0.07	8.4	36.2
Q052158		4.86	16.05	0.16	2.9	0.10	0.066	2.45	31.3	83.0	1.98	519	0.39	0.03	9.2	35.4
Q052159		5.00	16.10	0.14	3.2	0.03	0.064	2.32	31.4	93.7	2.36	649	0.51	0.15	10.2	37.3
Q052160		5.26	16.05	0.15	3.1	0.04	0.068	2.39	31.2	91.3	2.30	702	0.57	0.29	10.1	38.9
Q052161		5.12	18.15	0.16	3.3	0.05	0.072	2.82	35.5	86.4	2.41	689	0.72	0.19	11.2	41.9
Q052162		4.89	17.10	0.17	3.4	0.09	0.072	2.60	34.8	72.7	2.55	813	0.47	0.04	10.8	34.1
Q052163		4.97	15.45	0.14	3.1	0.29	0.067	2.21	30.5	67.4	2.27	691	0.49	0.08	9.9	36.6
Q052164		5.26	16.20	0.13	3.3	0.03	0.067	2.55	31.5	91.3	2.39	714	0.61	0.40	10.3	40.4
Q052165		4.39	14.70	0.16	3.2	0.11	0.061	2.30	30.5	109.0	2.14	897	1.06	0.07	9.0	31.1
Q052166		5.02	18.55	0.18	2.9	0.25	0.079	3.25	33.5	124.5	1.89	561	0.65	0.03	9.7	35.9
Q052167		5.46	18.15	0.15	3.0	0.21	0.081	3.19	31.1	95.4	2.07	622	0.43	0.04	10.5	40.0
Q052168		5.21	18.85	0.18	3.1	0.08	0.087	3.32	34.1	86.4	1.91	415	0.30	0.05	10.7	41.4
Q052169		5.27	18.10	0.18	3.1	0.13	0.079	3.14	32.7	81.5	1.95	498	0.38	0.04	10.6	38.6
Q052170		4.77	15.40	0.14	2.8	0.37	0.072	2.85	29.2	66.8	1.96	571	0.35	0.03	9.2	35.9
Q052171		4.53	15.70	0.16	2.7	0.45	0.072	2.71	28.3	56.6	2.68	891	1.27	0.03	9.2	34.4
Q052172		2.72	5.99	0.10	1.4	0.26	0.026	0.81	12.7	44.3	1.27	592	0.69	0.02	4.0	14.3
Q052173		3.58	11.70	0.13	2.2	0.17	0.050	1.93	23.4	62.6	1.75	711	0.96	0.03	7.7	23.0
Q052174		5.26	17.15	0.16	2.9	0.14	0.083	3.16	31.8	85.1	2.30	547	0.24	0.04	11.0	36.2
Q052175		5.45	18.25	0.17	3.0	0.41	0.084	3.16	32.5	78.6	2.09	535	0.25	0.04	11.3	38.5
Q052176		5.53	19.80	0.18	3.2	0.29	0.089	3.56	35.7	105.0	2.37	590	0.28	0.04	12.3	41.0
Q052177		5.36	17.90	0.16	2.9	0.34	0.074	3.35	32.7	87.6	2.10	590	0.50	0.04	11.1	39.2
Q052178		4.61	16.45	0.16	2.9	0.71	0.059	3.16	33.1	41.8	1.57	454	1.19	0.03	10.7	34.8
Q052179		4.29	15.35	0.16	2.8	0.39	0.066	3.01	33.7	38.9	1.48	462	0.60	0.03	10.5	31.7
Q052180		5.63	21.2	0.18	3.2	0.94	0.096	4.10	36.7	31.0	1.70	426	0.83	0.04	12.1	39.4
Q052181		5.82	21.6	0.17	3.2	2.86	0.085	3.97	34.3	16.9	1.36	563	0.62	0.03	11.5	41.4

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Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q052143		540	41.5	152.5	<0.002	0.04	0.72	18.6	1	2.0	149.5	0.74	<0.05	10.1	0.512	1.97
Q052144		560	28.9	143.5	0.002	0.15	0.81	18.3	1	2.1	131.0	0.76	0.05	10.3	0.580	1.90
Q052145		640	15.2	147.0	<0.002	0.12	0.47	19.4	1	1.9	162.0	0.74	0.06	9.7	0.541	1.09
Q052146		480	10.7	148.0	<0.002	0.44	0.40	19.1	1	1.9	152.0	0.73	<0.05	9.8	0.528	1.00
Q052147		580	14.8	150.0	<0.002	1.14	0.53	19.2	1	2.1	134.0	0.76	0.07	10.0	0.540	1.19
Q052148		530	16.2	177.0	<0.002	0.94	0.61	23.0	1	2.6	208	0.98	0.06	13.6	0.597	1.25
Q052149		630	22.8	182.5	<0.002	0.64	0.63	21.8	1	2.5	151.0	0.92	0.09	13.2	0.572	1.03
Q052150		620	20.6	183.0	<0.002	0.70	0.57	22.7	1	2.5	224	0.93	0.05	13.3	0.586	1.14
Q052151		620	19.2	178.0	<0.002	4.52	0.71	23.8	1	2.6	227	0.96	<0.05	13.8	0.595	2.61
Q052152		620	17.0	191.5	<0.002	0.44	0.60	22.2	1	2.5	81.7	0.93	0.06	13.4	0.586	0.99
Q052153		690	17.1	180.5	<0.002	0.34	0.59	21.6	1	2.3	94.5	0.89	0.06	12.0	0.583	0.94
Q052154		560	23.7	194.0	<0.002	0.58	0.47	22.3	1	2.4	120.5	0.87	<0.05	12.9	0.579	1.14
Q052155		630	17.9	189.0	<0.002	1.50	0.78	22.9	1	2.5	201	0.86	<0.05	13.0	0.579	1.59
Q052156		450	8.0	129.5	<0.002	0.50	0.31	17.3	1	1.8	98.9	0.70	0.06	9.2	0.516	1.03
Q052157		370	15.0	143.0	<0.002	0.66	0.55	18.3	1	1.7	110.0	0.61	0.06	8.4	0.469	0.90
Q052158		430	11.4	148.0	<0.002	0.50	0.47	17.9	1	1.9	134.5	0.68	0.06	9.6	0.479	0.98
Q052159		510	13.1	142.0	<0.002	0.14	0.43	19.1	1	1.9	141.0	0.73	<0.05	9.5	0.563	0.72
Q052160		530	17.7	148.0	<0.002	0.39	0.88	18.9	1	1.9	118.5	0.75	0.05	9.5	0.540	0.82
Q052161		570	32.9	168.5	<0.002	0.43	0.77	20.4	1	2.2	128.5	0.81	0.07	10.7	0.570	0.88
Q052162		540	8.3	154.0	<0.002	0.39	0.26	20.0	1	2.0	123.0	0.78	0.07	10.2	0.552	0.84
Q052163		470	13.5	127.0	<0.002	0.89	0.41	18.2	1	1.8	150.0	0.71	0.05	9.2	0.545	1.07
Q052164		530	15.5	147.5	<0.002	0.44	0.47	19.3	1	1.9	130.5	0.77	<0.05	9.9	0.577	0.78
Q052165		470	11.4	133.5	<0.002	0.33	0.41	17.3	1	1.8	142.0	0.66	<0.05	9.2	0.449	0.72
Q052166		520	14.8	165.0	<0.002	0.84	0.47	19.8	1	2.3	230	0.72	0.09	11.0	0.467	1.03
Q052167		620	16.8	174.5	<0.002	1.08	0.49	18.7	1	2.3	133.5	0.77	0.08	10.4	0.504	1.05
Q052168		510	17.6	194.0	<0.002	0.48	0.49	19.4	2	2.5	108.0	0.77	0.10	11.0	0.503	1.08
Q052169		550	15.6	184.5	<0.002	0.58	0.42	18.7	1	2.4	102.0	0.77	0.08	10.7	0.517	0.94
Q052170		440	16.7	152.0	<0.002	0.92	0.49	16.0	1	1.9	114.5	0.68	0.07	9.3	0.461	0.99
Q052171		480	24.2	143.5	<0.002	1.56	0.47	16.0	1	2.0	126.5	0.67	0.07	9.0	0.435	1.15
Q052172		360	8.2	40.7	<0.002	0.99	0.22	5.9	<1	0.9	147.0	0.28	<0.05	4.5	0.241	0.45
Q052173		550	12.0	94.1	<0.002	1.09	0.30	11.2	1	1.5	162.5	0.54	<0.05	7.5	0.384	0.70
Q052174		550	17.8	169.5	<0.002	0.57	0.46	17.4	1	2.2	146.0	0.80	0.07	10.3	0.528	0.97
Q052175		600	17.7	174.0	<0.002	1.60	0.51	18.4	1	2.4	153.0	0.80	0.07	10.5	0.510	1.96
Q052176		610	16.1	197.5	<0.002	0.95	0.54	20.1	1	2.5	163.5	0.88	0.07	11.3	0.547	1.39
Q052177		620	13.3	173.5	<0.002	2.29	0.56	17.7	1	2.3	165.5	0.79	0.06	9.8	0.495	1.47
Q052178		530	35.3	156.5	<0.002	4.00	1.02	15.3	1	2.4	191.0	0.78	0.05	10.5	0.441	2.47
Q052179		550	18.5	151.0	<0.002	3.38	0.60	13.7	1	2.1	144.0	0.75	0.05	10.3	0.435	1.35
Q052180		640	18.7	205	0.003	3.69	0.51	20.6	2	2.7	134.0	0.85	0.06	11.7	0.521	2.66
Q052181		580	21.2	194.5	0.002	5.59	4.90	23.1	1	2.7	113.5	0.85	<0.05	11.7	0.501	7.64

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CERTIFICATE OF ANALYSIS WH14132983

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q052143		2.2	144	1.4	45.9	79	112.5
Q052144		2.2	170	1.3	21.4	70	121.5
Q052145		2.1	150	1.3	23.4	58	113.5
Q052146		2.0	144	1.2	22.6	55	117.0
Q052147		2.1	141	1.3	27.6	73	115.5
Q052148		2.6	153	2.0	27.7	81	136.0
Q052149		2.5	145	1.6	27.4	76	130.0
Q052150		2.6	152	1.7	26.7	86	132.5
Q052151		2.6	154	3.8	27.1	79	138.5
Q052152		2.6	149	1.6	26.5	73	134.0
Q052153		2.3	151	1.4	30.7	70	127.5
Q052154		2.5	153	1.5	26.3	94	131.0
Q052155		2.5	159	1.5	26.3	128	133.0
Q052156		1.9	140	1.1	19.4	47	108.0
Q052157		1.8	138	1.1	19.3	67	99.4
Q052158		2.0	132	1.1	20.6	51	114.5
Q052159		2.0	150	1.1	22.5	66	118.5
Q052160		2.1	143	1.2	22.3	68	111.5
Q052161		2.2	148	1.3	24.0	91	124.5
Q052162		2.2	145	1.4	24.5	77	123.5
Q052163		1.9	144	1.2	22.1	74	113.5
Q052164		2.1	150	1.2	22.5	85	118.0
Q052165		2.0	123	1.2	21.7	106	104.5
Q052166		2.1	138	1.5	22.8	66	107.5
Q052167		2.0	137	1.3	22.6	65	110.0
Q052168		2.1	137	1.4	24.3	68	115.5
Q052169		2.1	135	1.4	23.7	94	112.5
Q052170		1.9	125	1.1	20.6	70	100.0
Q052171		1.9	120	1.2	20.9	175	104.5
Q052172		0.9	65	0.7	10.2	34	50.3
Q052173		1.6	95	1.1	18.3	52	83.9
Q052174		2.1	131	1.3	23.7	70	114.0
Q052175		2.1	131	1.5	25.9	75	113.5
Q052176		2.3	141	1.5	26.0	79	122.5
Q052177		2.1	126	1.6	23.9	64	110.5
Q052178		2.2	110	3.2	22.1	121	108.5
Q052179		2.2	104	2.3	22.2	91	106.5
Q052180		2.3	148	1.5	26.1	110	118.5
Q052181		2.2	148	9.4	25.7	129	117.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14132983

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
CRU- 31 CRU- QC LOG- 21 SPL- 21
WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA26 Hg- CV41 ME- MS61 PUL- 31
PUL- QC

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

CERTIFICATE WH14145803

Project: NADALEEN

P.O. No.: 14- C06

This report is for 64 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16- SEP- 2014.

The following have access to data associated with this certificate:

ROB CARNE JORDAN MCDIVITT	JULIA LANE	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

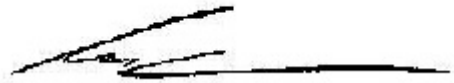
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/ AAS	FIMS

To: **ATAC RESOURCES LTD.**
ATTN: JULIA LANE
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145803

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q052182		0.81	<0.01	0.16	7.08	125.0	850	1.75	0.28	0.22	0.12	81.6	15.2	89	38.9	52.6
Q052183		1.09	0.01	0.13	6.28	130.0	810	1.45	0.23	0.10	0.35	64.0	13.2	80	27.0	42.5
Q052184		0.72	0.01	0.08	6.06	77.3	470	1.46	0.23	0.98	0.10	60.9	17.6	78	27.1	51.3
Q052185		0.67	<0.01	0.06	5.31	151.0	190	1.35	0.22	1.62	<0.02	50.7	12.9	72	26.0	47.2
Q052186		0.61	<0.01	0.06	6.13	26.5	210	1.83	0.25	2.05	0.02	61.4	19.4	72	30.5	50.9
Q052187		0.58	<0.01	0.06	7.38	64.4	340	2.24	0.31	2.20	0.03	75.2	19.6	79	31.1	59.7
Q052188		0.49	0.01	0.05	7.00	93.2	450	2.13	0.29	2.79	0.03	70.3	16.5	67	28.2	55.4
Q052189		0.68	<0.01	0.05	7.51	35.4	590	2.17	0.29	1.81	0.02	72.4	18.7	70	36.2	59.2
Q052190		0.53	<0.01	0.06	7.46	42.2	250	2.21	0.29	1.52	0.02	72.8	18.0	77	52.9	59.9
Q052191		0.52	0.01	0.06	7.61	45.7	280	2.28	0.28	1.66	0.02	75.2	18.7	77	47.2	62.2
Q052192		1.01	0.01	0.07	7.48	36.8	1050	2.13	0.29	1.89	0.21	74.3	20.8	75	32.4	61.1
Q052193		0.62	0.01	0.04	7.07	51.9	240	1.96	0.28	1.83	0.33	69.6	18.0	76	42.3	62.6
Q052194		0.49	0.01	0.06	7.59	13.4	290	2.21	0.29	1.86	0.14	74.7	14.9	78	47.4	56.7
Q052195		0.59	<0.01	0.06	6.43	53.5	240	1.83	0.24	2.59	0.02	63.2	16.5	78	31.6	55.2
Q052196		0.54	<0.01	0.13	6.47	54.0	390	1.86	0.24	2.05	<0.02	64.4	25.3	76	24.9	56.5
Q052197		0.46	0.01	0.05	6.46	28.9	400	1.74	0.24	2.35	<0.02	63.3	14.5	77	32.3	52.3
Q052198		0.75	<0.01	0.09	5.85	30.3	280	1.58	0.22	2.34	0.04	55.6	16.4	69	35.8	45.9
Q052199		0.52	<0.01	0.05	6.45	4.5	220	1.76	0.23	2.42	0.07	63.7	16.9	75	51.8	55.9
Q052200		0.51	<0.01	0.09	6.15	2.3	240	1.76	0.23	2.70	0.05	62.3	16.0	71	46.4	53.3
Q052201		0.50	<0.01	0.04	6.53	30.0	230	1.90	0.26	2.50	0.07	65.2	14.7	75	36.5	56.6
Q052202		0.45	0.01	0.06	6.76	24.0	370	1.78	0.27	2.77	0.10	64.9	15.3	76	28.9	55.9
Q052203		0.61	<0.01	0.05	6.39	22.1	240	1.87	0.26	2.65	0.07	65.3	15.0	73	32.1	54.1
Q052204		0.54	<0.01	0.04	6.24	20.4	280	1.64	0.22	2.70	0.02	60.5	16.4	77	24.7	56.1
Q052205		0.42	<0.01	0.07	6.04	29.3	260	1.64	0.22	2.68	0.07	63.8	16.3	72	24.9	53.3
Q052206		0.44	<0.01	0.04	7.29	28.8	270	2.12	0.27	2.15	0.04	71.2	13.2	75	42.1	54.0
Q052207		0.52	<0.01	0.03	7.22	19.1	270	2.10	0.26	2.08	0.10	69.7	12.6	77	42.1	57.5
Q052208		0.47	0.01	0.06	6.80	212	390	2.07	0.26	2.44	0.07	68.7	13.3	65	27.2	52.7
Q052209		0.51	<0.01	0.05	6.11	20.1	220	1.77	0.22	2.49	0.02	68.9	12.7	67	32.1	48.5
Q052210		0.51	<0.01	0.07	6.83	34.3	230	1.93	0.26	2.33	0.06	67.5	16.3	74	38.3	52.5
Q052211		0.76	<0.01	0.17	6.10	70.9	270	1.74	0.24	2.22	0.13	61.0	32.1	68	30.6	50.5
Q052212		0.83	<0.01	0.08	5.93	44.7	270	1.73	0.23	1.96	0.04	57.1	16.7	67	29.5	45.6
Q052213		0.49	0.01	0.05	7.34	62.2	220	2.23	0.30	1.59	0.02	70.1	17.0	78	40.8	51.8
Q052214		0.39	0.01	0.07	5.37	94.7	290	1.52	0.19	2.69	0.03	58.8	15.2	55	26.4	39.5
Q052215		0.64	0.02	0.08	6.08	866	320	1.59	0.23	2.68	<0.02	59.3	17.9	61	23.9	42.7
Q052216		0.59	0.01	0.04	6.63	272	220	2.07	0.26	1.87	0.02	71.3	13.4	68	27.4	42.6
Q052217		0.45	<0.01	0.03	6.00	199.0	170	1.93	0.24	2.53	<0.02	60.1	11.3	62	30.8	40.3
Q052218		0.71	0.02	0.09	6.74	560	240	2.54	0.31	2.31	0.02	67.5	21.8	66	36.1	57.7
Q052219		0.62	<0.01	0.04	6.57	46.4	220	2.47	0.28	2.15	<0.02	64.8	14.5	67	36.8	52.1
Q052220		0.28	<0.01	0.06	6.47	42.1	230	2.33	0.32	3.13	0.02	62.6	15.5	63	37.4	48.0
Q052221		0.59	0.01	0.11	6.70	198.0	200	2.40	0.30	2.63	0.02	65.5	23.1	64	31.4	50.9

***** See Appendix Page for comments regarding this certificate *****

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145803

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q052182		4.22	19.15	0.16	3.3	0.65	0.075	3.17	38.9	46.4	0.51	333	1.47	0.03	10.6	33.3
Q052183		4.31	16.90	0.16	2.9	1.09	0.068	2.43	31.8	63.7	0.40	745	1.52	0.03	9.4	25.7
Q052184		4.79	15.75	0.12	2.6	0.23	0.063	2.39	29.3	75.2	0.87	890	1.42	0.03	9.0	35.4
Q052185		4.35	13.25	0.13	2.5	0.06	0.051	2.11	25.6	82.6	1.60	487	0.58	0.03	8.0	28.6
Q052186		4.84	15.95	0.10	2.7	0.10	0.063	2.56	30.5	107.5	2.16	556	0.41	0.04	9.6	37.2
Q052187		4.72	19.90	0.18	3.2	0.18	0.075	3.21	37.0	99.8	2.12	525	0.21	0.04	11.7	35.7
Q052188		5.12	18.50	0.15	3.0	0.36	0.074	2.94	35.0	85.1	1.88	684	0.27	0.04	11.5	33.1
Q052189		5.98	20.0	0.16	3.1	0.36	0.076	2.97	36.6	99.4	1.95	511	0.29	0.04	11.8	37.9
Q052190		5.34	19.90	0.16	3.1	0.04	0.077	3.11	36.1	94.3	2.14	522	0.28	0.06	12.0	37.5
Q052191		5.50	19.80	0.18	3.3	0.04	0.083	3.13	37.2	73.5	2.27	597	0.30	0.05	12.0	38.3
Q052192		5.77	19.85	0.18	3.2	0.17	0.079	3.02	36.5	116.5	2.33	642	0.32	0.04	12.1	41.5
Q052193		5.21	18.65	0.17	3.2	0.07	0.079	2.76	34.2	65.3	2.22	532	0.28	0.12	11.4	37.5
Q052194		5.17	19.95	0.16	3.3	0.04	0.080	3.13	36.9	86.5	2.43	576	0.92	0.06	11.7	35.5
Q052195		5.17	17.10	0.19	2.8	0.27	0.075	2.40	30.6	54.6	2.50	707	0.36	0.06	10.0	37.6
Q052196		5.22	17.15	0.15	2.8	0.52	0.067	2.40	30.9	47.8	2.29	528	0.38	0.03	9.9	46.9
Q052197		4.82	17.30	0.17	3.0	0.06	0.064	2.59	31.6	66.2	2.40	615	0.35	0.06	10.0	34.5
Q052198		4.63	14.85	0.14	2.6	0.07	0.060	2.14	27.1	56.6	2.08	590	0.36	0.26	8.8	32.4
Q052199		5.05	16.90	0.15	3.0	0.02	0.064	2.51	31.0	80.7	2.38	627	0.44	0.38	10.1	37.0
Q052200		4.82	16.50	0.18	2.9	0.02	0.057	2.34	31.0	69.0	2.32	683	0.40	0.38	9.8	35.3
Q052201		4.95	17.55	0.16	3.1	0.09	0.068	2.45	32.0	54.8	2.29	666	0.65	0.21	10.4	35.2
Q052202		4.81	17.75	0.20	3.0	0.43	0.077	2.40	32.2	43.2	2.38	642	0.63	0.03	10.6	34.8
Q052203		4.94	16.95	0.20	3.0	0.14	0.072	2.56	32.0	66.0	2.51	689	0.50	0.04	10.3	34.8
Q052204		5.06	16.35	0.15	2.9	0.33	0.065	2.40	29.5	65.4	2.48	639	0.39	0.03	10.0	36.6
Q052205		5.04	15.90	0.17	2.8	0.21	0.061	2.54	29.2	71.4	2.47	706	0.40	0.03	9.4	34.0
Q052206		4.98	18.70	0.18	3.0	0.10	0.081	3.42	35.0	81.2	2.31	623	0.58	0.04	11.0	33.2
Q052207		4.76	19.10	0.20	3.2	0.12	0.075	3.31	34.2	76.1	2.25	578	0.50	0.03	11.1	32.7
Q052208		4.74	18.55	0.22	3.0	0.66	0.070	3.13	34.8	39.2	1.63	600	0.50	0.03	10.8	32.2
Q052209		4.63	15.95	0.20	2.6	0.09	0.061	2.71	33.1	94.3	2.20	687	0.36	0.03	9.4	29.3
Q052210		4.83	18.30	0.19	3.0	0.15	0.071	3.16	33.0	90.6	2.20	650	0.48	0.03	10.7	35.2
Q052211		5.11	16.25	0.13	2.8	0.42	0.064	2.74	30.5	77.0	1.96	580	0.48	0.03	9.4	45.8
Q052212		4.31	15.35	0.15	2.4	0.46	0.055	2.69	28.4	63.6	1.76	509	0.31	0.03	7.9	30.5
Q052213		5.05	19.60	0.18	3.0	0.46	0.072	3.43	34.3	50.2	1.91	491	0.33	0.03	9.8	33.4
Q052214		3.90	14.10	0.17	2.2	0.85	0.053	2.39	29.3	46.4	1.17	399	0.32	0.02	6.8	29.6
Q052215		4.37	16.05	0.17	2.5	2.03	0.059	2.83	29.1	17.9	1.68	564	0.28	0.02	7.9	34.9
Q052216		4.33	17.75	0.17	2.8	1.34	0.067	3.16	34.3	16.7	1.24	422	0.22	0.03	9.8	28.7
Q052217		4.54	15.80	0.17	2.7	0.92	0.058	2.78	29.7	27.9	1.51	529	0.23	0.03	9.0	24.4
Q052218		5.43	17.40	0.15	3.5	1.85	0.063	3.32	33.0	22.1	1.46	512	0.42	0.03	10.3	40.6
Q052219		4.80	16.80	0.14	3.1	0.59	0.069	3.14	32.8	37.9	1.90	485	0.22	0.03	11.0	31.5
Q052220		4.70	16.80	0.16	3.0	0.41	0.061	3.14	30.6	40.4	2.48	541	0.29	0.03	10.4	32.4
Q052221		4.72	17.45	0.16	3.3	0.88	0.066	3.23	32.0	23.6	1.62	579	0.29	0.03	10.7	38.6

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Finalized Date: 27- SEP- 2014
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145803

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q052182		760	48.6	162.0	<0.002	0.05	0.76	17.6	1	2.2	240	0.78	<0.05	11.5	0.577	2.03
Q052183		620	37.6	125.0	0.002	0.08	0.95	15.0	1	1.9	198.5	0.67	<0.05	9.5	0.537	2.48
Q052184		490	12.7	126.0	<0.002	0.34	0.51	16.7	1	1.7	126.0	0.64	0.05	9.1	0.525	1.51
Q052185		410	8.5	116.0	<0.002	0.14	0.25	14.0	1	1.5	118.5	0.58	<0.05	7.8	0.505	0.69
Q052186		490	15.0	140.5	<0.002	0.51	0.64	16.2	1	1.9	129.0	0.70	<0.05	9.4	0.521	0.95
Q052187		620	14.1	172.0	<0.002	1.29	0.71	19.1	1	2.2	205	0.85	0.07	11.4	0.588	1.56
Q052188		600	12.9	156.0	<0.002	3.03	0.97	18.6	1	2.2	319	0.81	0.06	10.9	0.533	2.22
Q052189		710	16.5	165.5	<0.002	2.73	0.80	19.2	1	2.4	221	0.85	0.06	11.1	0.559	2.13
Q052190		590	16.4	181.5	<0.002	0.40	0.57	18.9	1	2.4	100.5	0.85	0.08	11.2	0.564	0.99
Q052191		600	15.5	179.5	<0.002	0.45	0.64	19.9	1	2.4	94.3	0.87	<0.05	11.6	0.580	1.07
Q052192		660	19.5	168.0	<0.002	1.02	0.62	19.5	1	2.3	148.5	0.88	0.06	11.1	0.584	1.40
Q052193		580	14.8	157.0	<0.002	0.30	0.42	18.3	1	2.1	115.0	0.81	<0.05	11.0	0.580	0.95
Q052194		550	32.2	178.0	<0.002	0.24	0.50	20.0	1	2.3	118.5	0.82	<0.05	11.4	0.578	0.99
Q052195		490	11.6	136.0	<0.002	0.87	0.48	18.0	1	1.9	101.5	0.69	0.06	9.2	0.552	1.71
Q052196		550	22.0	131.5	0.002	1.43	0.76	18.3	1	2.0	128.0	0.68	0.05	9.6	0.534	2.07
Q052197		540	12.1	141.0	0.002	0.18	0.35	18.0	1	1.9	155.0	0.70	<0.05	9.7	0.551	0.77
Q052198		500	14.6	119.0	<0.002	0.21	0.44	15.4	1	1.6	138.0	0.62	0.06	8.6	0.508	0.73
Q052199		550	18.0	144.5	<0.002	0.07	0.35	17.7	1	1.9	103.5	0.73	0.06	9.4	0.560	0.69
Q052200		520	12.9	134.0	<0.002	0.07	0.34	16.8	1	1.8	110.5	0.71	<0.05	9.2	0.546	0.63
Q052201		550	14.9	136.5	<0.002	0.28	0.34	17.9	1	2.0	95.4	0.73	0.05	9.8	0.559	1.14
Q052202		490	15.5	127.5	<0.002	0.99	0.38	17.8	1	2.0	142.0	0.75	0.06	9.9	0.560	1.21
Q052203		540	12.2	146.5	<0.002	0.36	0.34	17.8	1	1.9	112.5	0.73	0.05	9.9	0.552	0.89
Q052204		500	11.6	138.5	<0.002	0.87	0.35	17.2	1	1.8	117.5	0.72	<0.05	9.2	0.573	1.22
Q052205		500	9.9	149.5	<0.002	0.69	0.41	17.0	1	1.7	105.0	0.68	0.07	9.2	0.535	1.17
Q052206		660	10.9	189.0	<0.002	0.29	0.38	18.6	1	2.2	126.5	0.78	0.05	10.7	0.549	1.16
Q052207		580	7.9	177.5	0.002	0.41	0.33	19.1	1	2.2	135.5	0.78	<0.05	10.8	0.569	1.16
Q052208		560	13.5	159.5	<0.002	3.67	1.21	18.3	1	2.1	323	0.78	0.05	10.3	0.537	3.45
Q052209		1050	8.1	148.0	<0.002	0.23	0.36	17.1	1	1.8	127.0	0.66	<0.05	9.2	0.488	0.89
Q052210		520	17.7	173.0	<0.002	0.70	0.46	18.2	1	2.0	107.5	0.77	0.05	10.2	0.536	1.14
Q052211		490	37.4	145.5	<0.002	1.87	1.06	15.9	1	1.8	112.5	0.69	<0.05	9.4	0.504	1.81
Q052212		430	12.5	136.5	<0.002	1.21	0.65	15.3	1	1.6	130.5	0.58	0.05	8.6	0.413	1.78
Q052213		480	12.4	177.0	0.003	1.30	0.50	19.3	1	2.2	130.0	0.72	0.11	10.7	0.484	1.71
Q052214		5170	19.5	119.5	<0.002	2.81	0.67	14.7	2	1.5	214	0.49	<0.05	7.6	0.350	2.04
Q052215		450	16.9	138.0	0.002	4.01	1.51	16.1	1	1.7	292	0.59	0.07	9.2	0.410	5.38
Q052216		430	12.9	158.5	<0.002	4.09	1.51	16.4	1	1.9	147.5	0.71	0.06	10.7	0.457	3.86
Q052217		450	11.5	144.5	<0.002	4.21	0.70	15.0	1	1.7	97.4	0.67	0.05	9.5	0.445	3.26
Q052218		560	28.9	163.0	0.002	5.32	1.77	17.6	1	2.1	121.5	0.72	0.08	10.7	0.473	4.44
Q052219		530	9.1	159.0	<0.002	1.89	0.41	16.4	1	2.1	121.0	0.81	0.06	10.3	0.492	2.43
Q052220		530	15.5	154.0	<0.002	1.03	0.38	16.0	1	2.1	160.5	0.76	0.07	10.1	0.443	1.79
Q052221		490	22.1	158.5	<0.002	4.31	0.92	17.0	1	2.1	100.5	0.74	0.06	10.6	0.478	2.67

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145803

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q052182		2.8	168	1.9	26.0	69	120.5
Q052183		2.2	148	1.6	21.2	108	106.5
Q052184		2.1	148	1.2	18.9	71	100.0
Q052185		1.9	142	1.1	15.7	50	88.9
Q052186		2.2	135	1.2	19.2	58	100.0
Q052187		2.5	149	1.7	25.9	71	129.0
Q052188		2.3	137	2.0	21.5	72	115.0
Q052189		2.4	146	3.2	25.3	72	123.5
Q052190		2.4	146	1.5	25.7	78	122.0
Q052191		2.6	149	1.6	25.9	77	122.5
Q052192		2.4	149	1.6	29.3	112	121.0
Q052193		2.4	148	1.4	24.7	154	117.5
Q052194		2.5	156	1.4	26.0	83	122.5
Q052195		2.0	150	1.2	20.0	49	109.0
Q052196		2.1	149	1.2	19.6	55	108.0
Q052197		2.2	150	1.3	20.2	50	119.0
Q052198		1.9	136	1.1	18.3	59	98.4
Q052199		2.1	147	1.2	22.2	79	111.0
Q052200		2.1	142	1.2	21.0	61	109.5
Q052201		2.2	147	1.2	22.4	65	112.5
Q052202		2.2	146	1.6	22.9	94	111.0
Q052203		2.2	143	1.3	21.0	72	110.5
Q052204		2.0	147	1.2	20.0	56	109.0
Q052205		2.1	146	1.3	19.1	67	104.0
Q052206		2.4	145	1.4	25.4	64	115.0
Q052207		2.3	151	1.7	22.8	74	139.5
Q052208		2.3	143	4.7	21.6	65	110.5
Q052209		2.2	131	1.7	27.7	52	98.7
Q052210		2.3	141	1.5	22.0	70	110.0
Q052211		2.1	133	1.7	19.2	98	100.5
Q052212		2.0	117	1.4	16.9	61	87.0
Q052213		2.3	143	1.3	21.8	52	111.5
Q052214		2.0	105	1.3	29.8	45	88.9
Q052215		2.0	119	6.2	16.1	47	89.6
Q052216		2.3	125	4.1	19.8	52	103.5
Q052217		2.1	117	2.0	18.6	48	97.8
Q052218		2.3	130	3.5	22.0	53	108.0
Q052219		2.2	124	1.8	21.0	60	110.0
Q052220		2.1	117	1.4	20.6	50	102.0
Q052221		2.3	126	2.8	21.9	50	112.5

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145803

Sample Description	Method	WEI-21	Au-AA26	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q052222		0.43	<0.01	0.09	6.46	183.0	260	2.57	0.28	1.15	0.02	62.0	17.6	71	30.3	53.5
Q052223		0.52	<0.01	0.09	6.28	143.0	280	2.48	0.28	1.57	0.03	64.3	18.9	72	32.9	53.2
Q052224		0.40	0.01	0.09	7.38	148.0	410	2.55	0.32	1.65	0.06	70.4	21.7	73	35.3	65.8
Q052225		0.56	0.01	0.05	6.29	93.4	340	2.10	0.28	2.03	0.08	62.7	13.2	72	29.9	50.0
Q052226		0.47	0.01	0.04	5.68	60.7	190	1.89	0.24	1.71	0.13	57.7	13.8	66	25.7	49.0
Q052227		0.64	<0.01	0.05	5.24	58.4	150	1.58	0.23	1.21	<0.02	53.4	17.5	64	26.9	45.3
Q052228		0.78	<0.01	0.08	5.60	147.5	330	1.86	0.23	1.85	<0.02	54.8	17.9	64	26.7	47.5
Q052229		0.73	<0.01	0.06	6.58	123.0	350	2.37	0.28	1.42	0.02	64.7	18.2	74	32.8	52.1
Q052230		0.72	<0.01	0.09	6.94	72.7	530	2.24	0.31	2.64	0.14	67.9	19.9	66	32.3	56.3
Q052231		0.47	<0.01	0.07	6.97	124.0	240	2.17	0.25	3.79	0.05	68.2	19.0	64	29.9	52.4
Q052232		0.45	<0.01	0.06	7.27	57.4	230	2.31	0.29	2.40	0.02	70.5	19.8	73	40.3	55.4
Q052233		0.42	<0.01	0.06	7.17	33.6	250	2.15	0.31	2.66	0.03	72.2	19.5	71	39.5	54.9
Q052234		0.33	0.01	0.04	7.23	43.7	250	2.18	0.36	2.30	0.02	72.5	18.6	72	39.5	52.4
Q052235		0.44	<0.01	0.07	7.19	689	260	2.34	0.32	2.84	<0.02	72.9	19.6	67	30.5	55.8
Q052236		0.63	<0.01	0.08	6.36	120.5	230	2.12	0.29	3.08	<0.02	63.4	18.3	66	31.3	45.1
Q052237		0.31	<0.01	0.05	6.85	97.0	250	2.39	0.30	3.02	0.05	68.6	12.7	69	35.4	52.1
Q052238		0.47	0.02	0.11	6.81	191.5	280	2.36	0.29	2.72	0.02	73.2	20.2	64	22.8	51.7
Q052239		0.40	<0.01	0.03	6.55	53.7	280	2.20	0.30	3.16	0.08	73.7	8.9	66	28.8	36.3
Q052240		0.61	0.01	0.05	6.47	106.5	240	2.20	0.28	2.69	0.09	72.3	13.1	65	33.5	38.6
Q052241		0.53	<0.01	0.07	5.11	133.0	180	1.61	0.24	2.77	0.10	57.8	11.4	52	27.5	31.7
Q052242		0.60	0.01	0.10	5.80	240	220	2.04	0.24	2.72	0.51	64.4	17.1	58	25.1	37.3
Q052243		0.44	0.01	0.14	6.06	256	240	2.04	0.26	2.35	0.15	65.4	24.0	61	25.8	41.2
Q052244		0.45	<0.01	0.05	6.11	32.9	230	1.97	0.28	2.59	0.11	71.0	13.0	64	31.4	35.0
Q052245		0.69	0.01	0.02	6.28	68.0	210	1.99	0.27	2.19	0.16	68.9	12.1	64	37.5	43.5

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145803

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q052222		3.94	16.85	0.16	2.9	1.45	0.059	3.12	30.6	23.2	0.90	207	0.65	0.03	9.1	33.3
Q052223		4.00	16.60	0.16	2.9	0.94	0.059	3.01	31.3	22.9	1.07	313	0.27	0.02	9.4	34.5
Q052224		5.40	19.65	0.17	3.4	0.87	0.072	3.45	34.9	46.5	1.39	322	0.71	0.03	11.3	46.2
Q052225		4.02	16.75	0.15	3.1	0.30	0.064	2.91	30.7	57.8	1.70	426	0.53	0.03	9.9	29.5
Q052226		4.43	14.70	0.16	2.7	0.26	0.059	2.73	27.8	52.0	1.62	372	0.78	0.03	8.7	27.1
Q052227		4.29	13.60	0.14	2.5	0.22	0.059	2.41	25.8	77.9	1.49	289	0.29	0.02	8.0	31.7
Q052228		4.67	14.75	0.14	2.6	0.61	0.049	2.63	27.0	47.5	1.28	363	0.31	0.02	8.2	31.2
Q052229		4.08	17.80	0.16	3.1	0.57	0.062	2.96	32.2	59.9	1.22	249	0.31	0.03	9.8	32.9
Q052230		5.05	18.10	0.17	3.2	0.61	0.065	3.15	33.6	41.8	1.67	491	0.95	0.03	10.7	41.2
Q052231		5.70	18.05	0.17	3.2	0.23	0.074	3.04	33.5	29.7	2.31	767	0.84	0.03	16.7	33.5
Q052232		5.11	18.80	0.15	3.5	0.10	0.077	3.57	34.7	50.3	2.34	609	0.20	0.04	11.9	34.8
Q052233		4.94	18.50	0.17	3.3	0.14	0.068	3.50	35.1	50.5	2.31	618	0.20	0.04	11.9	35.7
Q052234		4.97	19.00	0.17	3.3	0.14	0.067	3.55	35.5	56.9	2.26	614	0.22	0.04	12.0	34.3
Q052235		4.95	19.10	0.21	3.5	0.31	0.076	3.60	35.5	28.5	1.96	555	0.36	0.04	12.0	37.3
Q052236		4.52	16.65	0.16	3.0	0.19	0.068	3.14	30.9	45.5	1.88	588	0.26	0.03	10.6	32.1
Q052237		4.53	17.75	0.21	3.2	0.19	0.072	3.37	33.4	46.3	2.01	635	0.62	0.04	11.3	28.3
Q052238		4.62	17.80	0.17	3.3	0.88	0.068	3.45	35.6	18.9	1.56	538	0.61	0.03	11.4	34.7
Q052239		3.25	17.10	0.19	3.5	0.11	0.064	3.29	36.1	20.4	1.66	495	0.70	0.04	11.7	19.9
Q052240		4.13	16.75	0.19	3.3	0.17	0.062	3.26	35.5	19.0	1.56	429	0.60	0.04	11.4	30.2
Q052241		3.42	13.05	0.17	2.6	0.27	0.052	2.50	27.9	18.3	1.30	467	0.58	0.03	8.7	23.1
Q052242		3.96	14.90	0.16	2.8	0.76	0.063	2.88	31.5	17.7	1.36	482	1.07	0.03	9.7	32.2
Q052243		6.03	15.90	0.16	3.0	0.65	0.058	2.99	32.1	23.8	1.22	356	0.92	0.03	10.4	42.2
Q052244		3.66	15.70	0.18	3.0	0.28	0.058	3.03	34.2	27.6	1.57	418	0.62	0.04	10.4	25.5
Q052245		3.57	16.20	0.16	3.0	0.32	0.066	3.05	33.5	38.4	1.41	341	0.65	0.04	10.8	26.9

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CERTIFICATE OF ANALYSIS WH14145803

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q052222		340	34.6	137.0	0.004	3.74	2.03	17.2	1	1.9	103.0	0.63	0.05	9.7	0.434	4.15
Q052223		400	21.4	136.5	<0.002	3.76	0.83	17.4	1	1.9	102.5	0.66	0.07	10.1	0.448	4.60
Q052224		580	21.6	163.0	0.002	4.35	0.78	19.5	1	2.4	189.5	0.79	0.06	11.4	0.531	4.58
Q052225		500	10.0	145.5	<0.002	1.13	0.41	17.1	1	2.1	149.0	0.69	0.06	10.0	0.477	2.03
Q052226		500	10.2	139.5	0.002	1.06	0.30	14.9	1	1.7	87.6	0.61	<0.05	8.8	0.423	2.09
Q052227		350	12.4	126.5	<0.002	0.62	0.31	14.2	1	1.6	66.7	0.56	0.06	8.2	0.406	1.43
Q052228		310	15.3	130.0	<0.002	3.28	0.73	15.6	1	1.7	159.5	0.58	0.05	8.5	0.388	4.78
Q052229		390	16.6	152.5	<0.002	2.82	0.52	17.7	1	2.0	130.5	0.70	0.06	10.3	0.469	4.39
Q052230		580	17.0	156.5	0.002	3.56	0.55	18.1	1	2.2	221	0.76	0.07	10.6	0.490	4.17
Q052231		720	11.9	138.5	0.002	1.24	0.33	18.0	1	2.0	145.0	0.98	0.06	9.7	0.563	1.43
Q052232		610	13.9	179.0	<0.002	0.25	0.38	18.0	1	2.3	90.7	0.82	0.08	11.1	0.511	1.38
Q052233		670	17.2	173.5	<0.002	0.37	0.33	17.7	1	2.3	179.5	0.83	0.08	11.2	0.508	1.39
Q052234		570	12.7	172.0	<0.002	0.18	0.31	17.8	1	2.4	86.7	0.85	0.07	11.4	0.510	1.19
Q052235		630	17.7	160.5	<0.002	1.82	3.66	18.1	1	2.4	104.5	0.86	0.08	11.6	0.504	1.93
Q052236		480	13.7	147.0	<0.002	0.90	0.37	15.8	1	2.1	100.5	0.74	0.07	10.1	0.448	1.51
Q052237		570	9.8	162.0	<0.002	1.14	0.26	16.9	1	2.2	95.6	0.78	0.06	10.7	0.487	1.83
Q052238		610	20.8	152.0	<0.002	4.17	0.70	16.4	1	2.2	84.5	0.79	0.05	11.3	0.474	2.91
Q052239		580	13.5	155.5	<0.002	0.59	0.23	14.7	1	2.3	90.9	0.84	0.05	11.8	0.453	1.15
Q052240		560	23.8	156.0	<0.002	1.84	0.50	14.4	1	2.2	75.4	0.79	0.05	11.5	0.449	1.46
Q052241		460	19.2	120.5	<0.002	1.40	0.43	11.3	1	1.7	75.1	0.62	0.06	8.9	0.350	1.23
Q052242		480	24.7	135.5	<0.002	3.22	1.18	13.3	1	1.9	79.0	0.71	0.05	10.3	0.397	2.28
Q052243		490	35.5	142.0	<0.002	5.66	1.19	13.5	2	2.0	71.5	0.73	0.07	10.6	0.408	3.73
Q052244		530	16.1	139.0	<0.002	0.85	0.28	13.7	1	2.0	88.8	0.74	<0.05	10.9	0.427	1.12
Q052245		580	9.5	142.5	<0.002	1.37	0.32	14.8	1	2.0	73.1	0.74	0.05	10.6	0.442	1.54

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ATAC RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145803

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q052222		2.3	132	2.3	17.1	35	99.6
Q052223		2.2	132	2.1	18.8	45	102.0
Q052224		2.4	147	2.5	22.1	75	119.0
Q052225		2.1	132	2.6	19.0	70	105.5
Q052226		1.9	120	2.1	17.8	109	90.1
Q052227		1.8	119	1.3	15.6	44	85.4
Q052228		1.8	117	2.4	16.1	37	85.8
Q052229		2.2	134	2.0	20.5	46	104.0
Q052230		2.2	134	2.7	21.7	90	110.0
Q052231		2.1	143	1.7	22.7	57	119.5
Q052232		2.4	128	1.4	24.0	69	114.5
Q052233		2.5	129	1.5	24.0	72	114.5
Q052234		2.4	125	2.3	22.8	70	117.0
Q052235		2.6	128	4.8	24.4	57	117.5
Q052236		2.4	116	1.4	20.2	48	104.5
Q052237		2.4	125	2.0	23.6	70	109.5
Q052238		2.5	120	3.5	21.8	59	111.5
Q052239		2.6	107	2.1	21.6	67	116.0
Q052240		2.6	108	2.4	21.0	77	113.5
Q052241		2.1	85	1.8	17.0	56	85.6
Q052242		2.3	97	3.4	19.5	259	97.5
Q052243		2.3	101	3.3	19.6	93	105.5
Q052244		2.5	103	1.5	19.9	68	105.5
Q052245		2.4	108	2.4	20.3	106	110.0

***** See Appendix Page for comments regarding this certificate *****

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North Vancouver BC V7H 0A7
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- SEP- 2014
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH14145803

CERTIFICATE COMMENTS

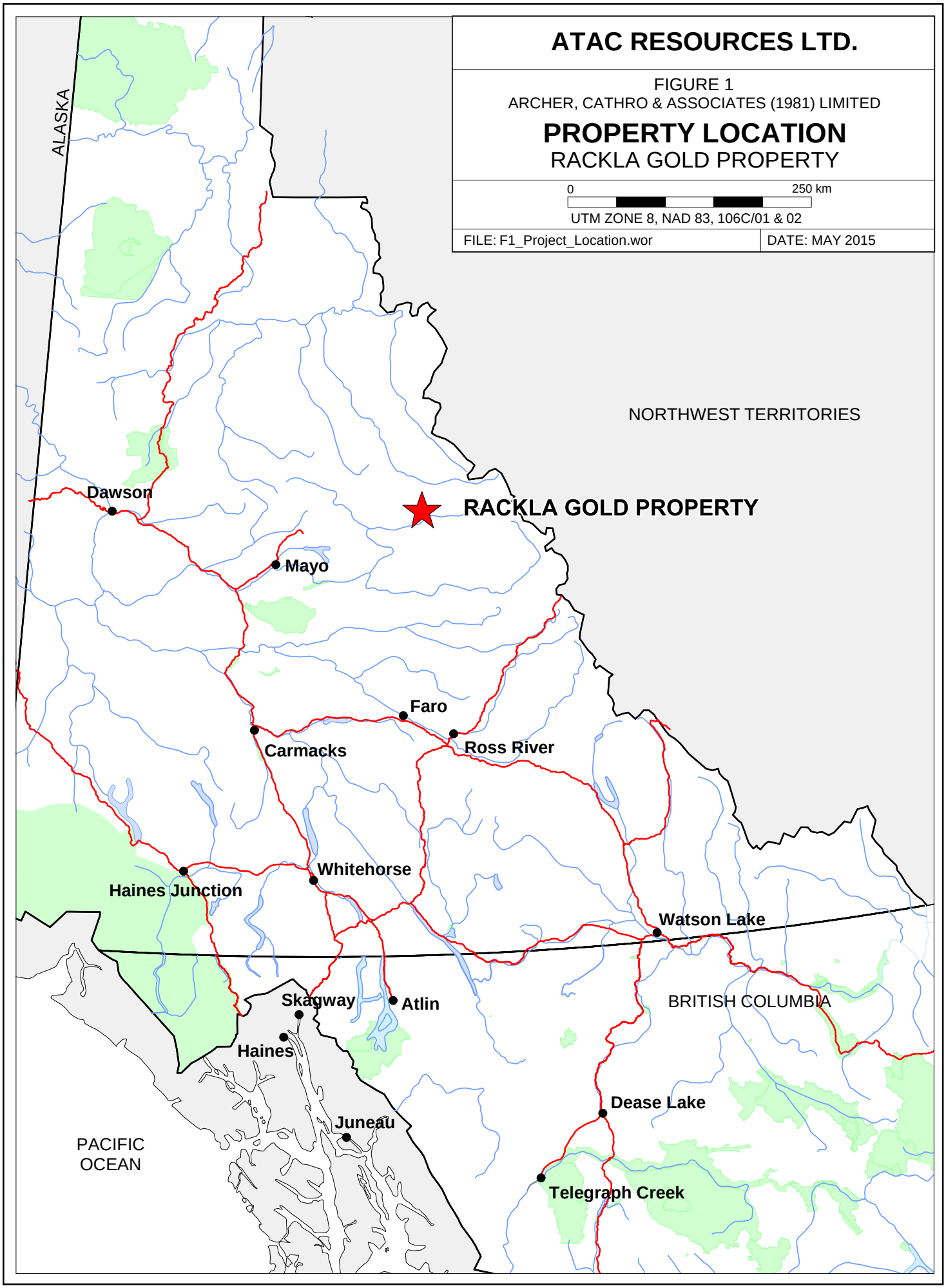
ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
CRU- 31 CRU- QC LOG- 21 SPL- 21
WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA26 Hg- CV41 ME- MS61 PUL- 31
PUL- QC


ATAC RESOURCES LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
RACKLA GOLD PROPERTY
0
250 km
UTM ZONE 8, NAD 83, 106C/01 & 02
FILE: F1_Project_Location.wor
DATE: MAY 2015
ALASKA
NORTHWEST TERRITORIES
RACKLA GOLD PROPERTY
Dawson
Mayo
Faro
Carmacks
Ross River
Whitehorse
Haines Junction
Watson Lake
Skagway
Atlin
BRITISH COLUMBIA
Haines
Dease Lake
Juneau
PACIFIC
OCEAN
Telegraph Creek

T.N.
2.47°
23.0°
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01

*Letter corresponds to assessment grouping

106D06 106D07 106D08 106C05 106C06 106C07 106C08
106D03 106D02 106D01 106C04 106C03 106C02 106C01
PROPERTY BOUNDARY
A B C D E F
UTM Zone 8 UTM Zone 9

7,125,000 mN
7,120,000 mN
7,115,000 mN
7,110,000 mN

625,000 mE 630,000 mE 635,000 mE 640,000 mE 645,000 mE

PROPERTY BOUNDARY

ATAC RESOURCES LTD.

FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

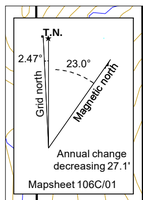
CLAIM LOCATIONS - GROUPS A & B

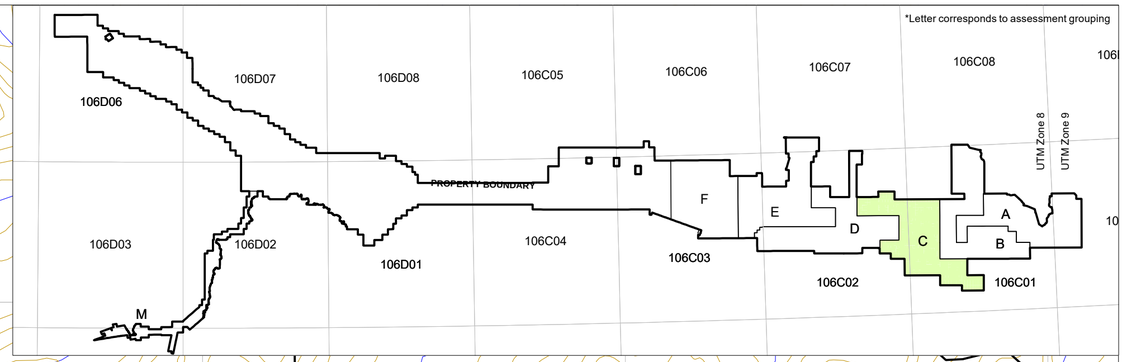
RACKLA GOLD PROJECT

0 1 2 3 4 km

UTM ZONE 8, NAD 83, 106C01, Contour line intervals 100 feet, Scale 1:50,000

FILE:P:\...2014AssessmentReport\Figures\F_2_CLAIMS_A&B | DATE: MAY 2015





PROPERTY BOUNDARY

7,120,000 mN

7,115,000 mN

7,110,000 mN

7,105,000 mE

615,000 mE

620,000 mE

625,000 mE

630,000 mE

ATAC RESOURCES LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS - GROUP C

RACKLA GOLD PROJECT

0 1 2 3 4 km

UTM ZONE 8, NAD 83, 106C01, Contour line intervals 100 feet, Scale 1:50,000

FILE:P:\...2014AssessmentReport\Figures\F_3_CLAIMS_C

DATE: MAY 2015

T.N.
2.02°
23.0°
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02

*Letter corresponds to assessment grouping

106D06 106D07 106D08 106C05 106C06 106C07 106C08
106D03 106D02 106D01 106C04 106C03 106C02 106C01
PROPERTY BOUNDARY
M F E D C A B
UTM Zone 8
UTM Zone 9

7,120,000 mN
7,115,000 mN
7,110,000 mN
595,000 mE
600,000 mE
605,000 mE
610,000 mE
615,000 mE

PROPERTY BOUNDARY

1,100
1,200
1,300
1,400
1,500
1,600
1,700
1,800
1,900

ATAC RESOURCES LTD.

FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

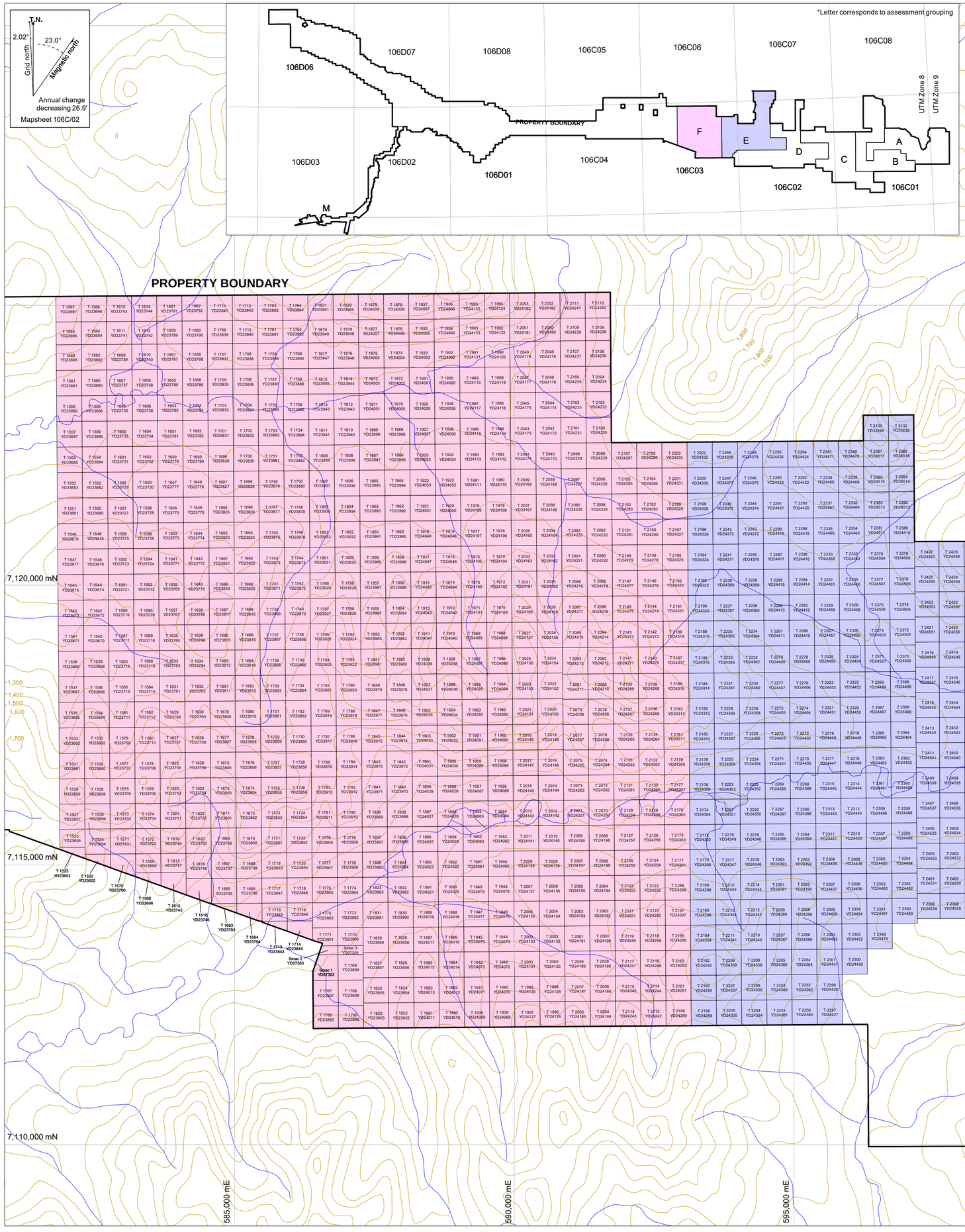
CLAIM LOCATIONS - GROUP D

RACKLA GOLD PROJECT

0 1 2 3 4 km

UTM ZONE 8, NAD 83, 106C02, Contour line intervals 100 feet, Scale 1:50,000

FILE:P:\...2014AssessmentReport\Figures\F_4_CLAIMS_D | DATE: MAY 2015



ATAC RESOURCES LTD.

FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

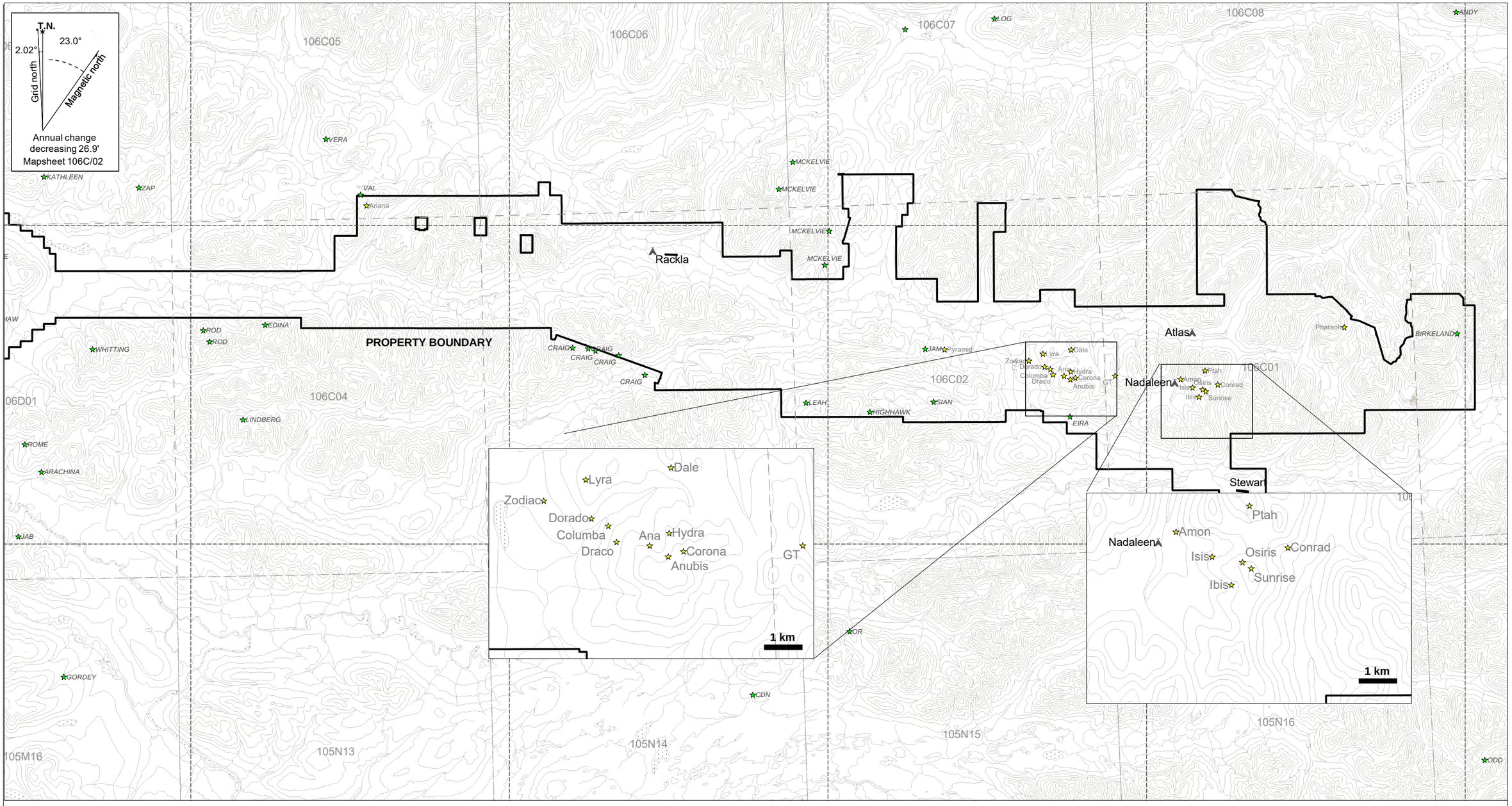
CLAIM LOCATIONS - GROUPS E & F

RACKLA GOLD PROJECT

0 1 2 3 4 km

UTM ZONE 8, NAD 83, 106C03, Contour line intervals 100 feet. Scale 1:50,000

FILE:P:\...2014AssessmentReport\Figures\F_5_CLAIMS_E&F | DATE: MAY 2015



- Mineralized Discovery
- Historical Showing
- Camp
- Airstrip

ATAC RESOURCES LTD.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

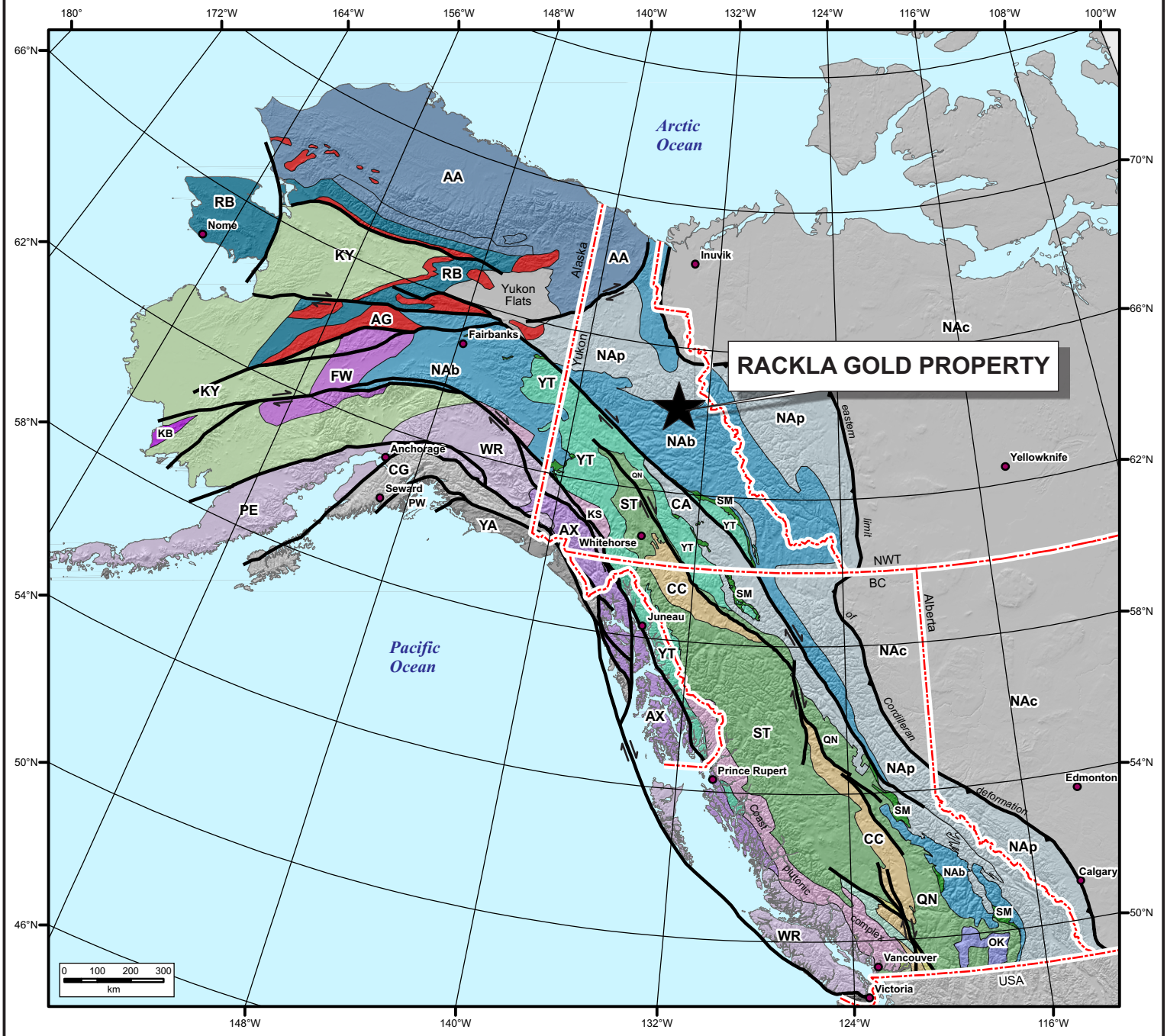
SHOWINGS, CAMP & AIRSTRIP LOCATIONS

RACKLA GOLD PROJECT

0 — 20 km

UTM Zone 8, NAD 83, Contour interval 100 m, Scale: 1: 300 000

FILE:.../F_6-Showing,Camp &Airstrip_Locations.wor | DATE: MAY 2015



YA	Yakutat	Outboard
PW	Prince William	
CG	Chugach	
PR	Pacific Rim	
CR	Crescent	
KY	Koyukuk, Nyak, Togiak	
PE	Peninsular	Insular
AX	Alexander	
WR	Wrangellia	
KS	Kluane, Windy, Coast	
AG	Angayucham/ Tozitna/Innoko	Northern Alaska
AA	Arctic-Alaska, Hammond	
RB	Coldfoot, Ruby, Seward	
FW	Farewell	
KB	Kilbuck	

MT	Methow	Intermontane
CD	Cadwallader	
BR	Bridge River	
CC	CacheCreek	
HA	Harrison	
CK	Chilliwack	
ST	Stikinia	
QN	Quesnellia	
OK	Okanagan	
YT	Yukon-Tanana	
SM	SlideMountain	

Ancestral North America	
CA	Cassiar
NAb	North America - basinal
NAp	North America - platform
NAc	North America - craton & cover

Taken from Colpron, M. and Nelson, J.L., 2011

ATAC RESOURCES LTD.

FIGURE 7

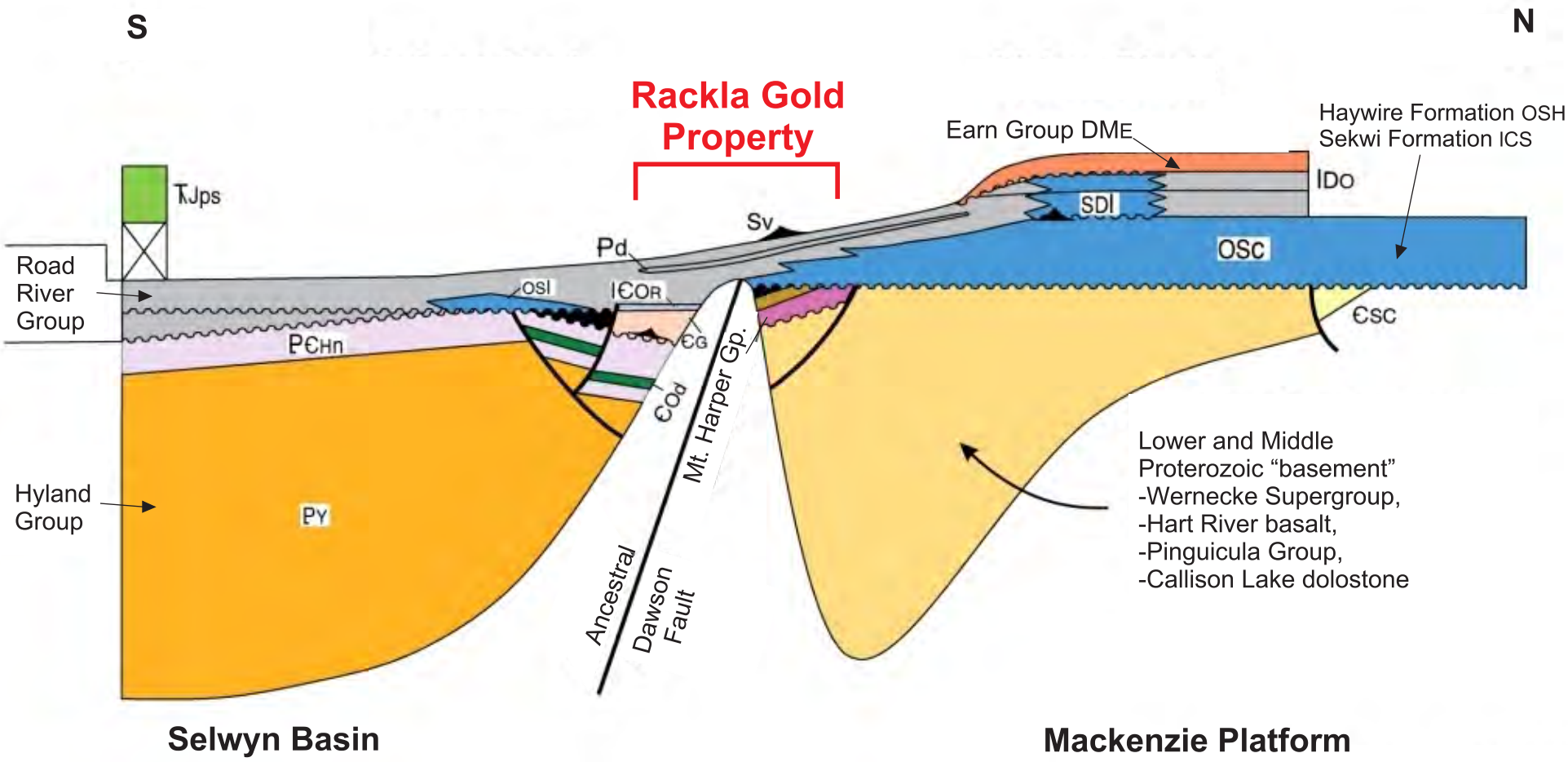
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

RACKLA GOLD PROPERTY

FILE: 2014/F7/TECTONIC SETTING | DATE: MAY 2015

after Abbott (1997)



ATAC RESOURCES LTD.

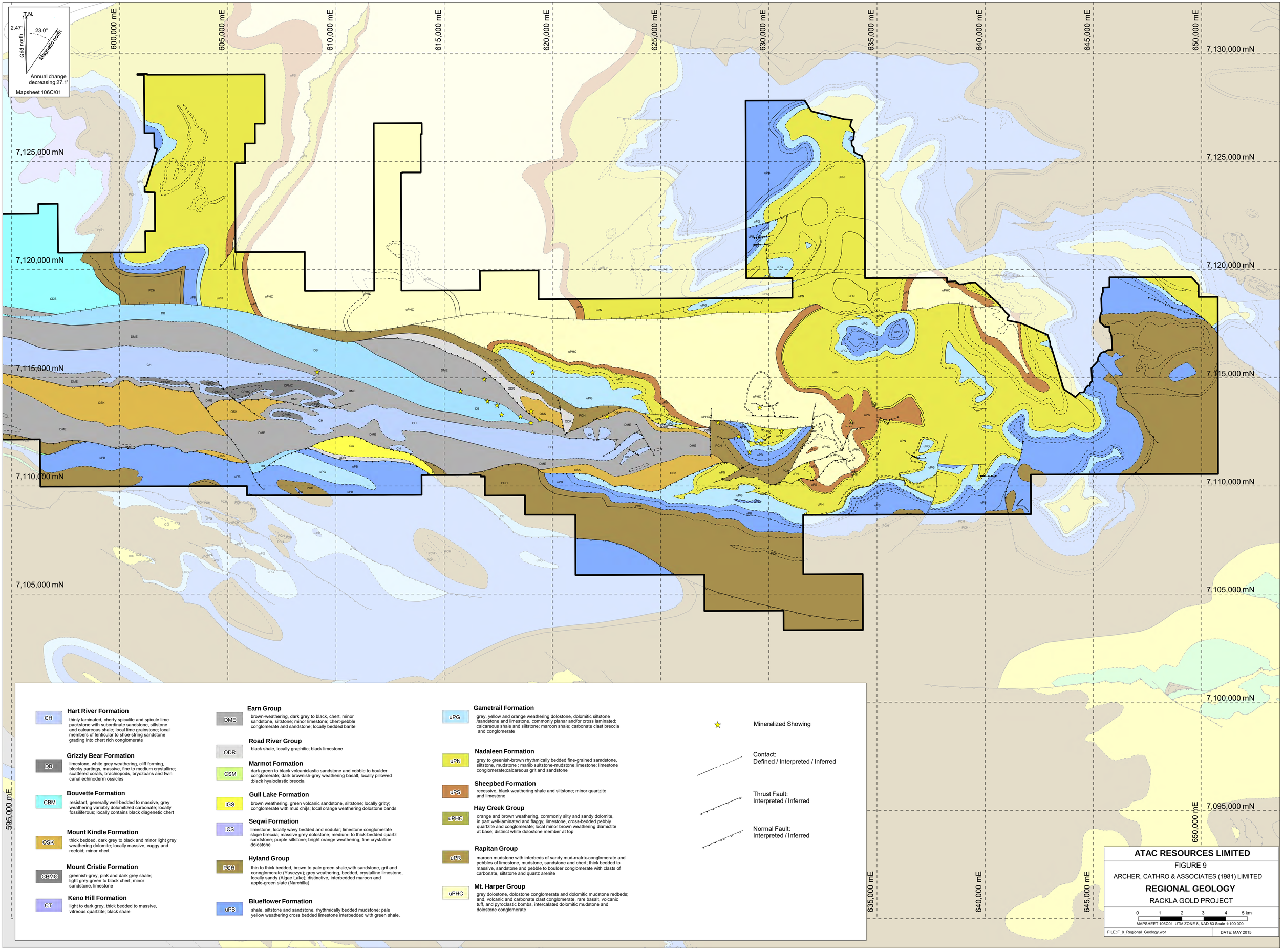
FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL STRATIGRAPHIC SECTION

RACKLA GOLD PROPERTY

FILE:.../F_8-Regional_Strat_Sect	DATE: MAY 2015


T.N.
2.47°
23.0°
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01
600,000 mE
605,000 mE
610,000 mE
615,000 mE
620,000 mE
625,000 mE
630,000 mE
635,000 mE
640,000 mE
645,000 mE
650,000 mE
595,000 mE
7,130,000 mN
7,125,000 mN
7,120,000 mN
7,115,000 mN
7,110,000 mN
7,105,000 mN
7,100,000 mN
7,095,000 mN
CH
Hart River Formation
thinly laminated, cherty spiculite and spicule lime packstone with subordinate sandstone, siltstone and calcareous shale; local lime grainstone; local members of lenticular to shoe-string sandstone grading into chert rich conglomerate
DB
Grizzly Bear Formation
limestone, white grey weathering, cliff forming, blocky partings, massive, fine to medium crystalline; scattered corals, brachiopods, bryozoans and twin canal echinoderm ossicles
CBM
Bouvette Formation
resistant, generally well-bedded to massive, grey weathering variably dolomitized carbonate; locally fossiliferous; locally contains black diagenetic chert
OSK
Mount Kindle Formation
thick bedded, dark grey to black and minor light grey weathering dolomite; locally massive, vuggy and reefoid; minor chert
CPMC
Mount Cristie Formation
greenish-grey, pink and dark grey shale; light grey-green to black chert; minor sandstone, limestone
CT
Keno Hill Formation
light to dark grey, thick bedded to massive, vitreous quartzite; black shale
DME
Earn Group
brown-weathering, dark grey to black, chert, minor sandstone, siltstone; minor limestone; chert-pebble conglomerate and sandstone; locally bedded barite
ODR
Road River Group
black shale, locally graphitic; black limestone
CSM
Marmot Formation
dark green to black volcaniclastic sandstone and cobble to boulder conglomerate; dark brownish-grey weathering basalt, locally pillowed ;black hyaloclastic breccia
IGS
Gull Lake Formation
brown weathering, green volcanic sandstone, siltstone; locally gritty; conglomerate with mud chi[s; local orange weathering dolostone bands
ICS
Seqwi Formation
limestone, locally wavy bedded and nodular; limestone conglomerate slope breccia; massive grey dolostone; medium- to thick-bedded quartz sandstone; purple siltstone; bright orange weathering, fine crystalline dolostone
PCH
Hyland Group
thin to thick bedded, brown to pale green shale,with sandstone, grit and connglomerate (Yusezyu); grey weathering, bedded, crystalline limestone, locally sandy (Algae Lake); distinctive, interbedded maroon and apple-green slate (Narchilla)
uPB
Blueflower Formation
shale, siltstone and sandstone, rhythmically bedded mudstone; pale yellow weathering cross bedded limestone interbedded with green shale.
uPG
Gametrail Formation
grey, yellow and orange weathering dolostone, dolomitic siltstone /sandstone and limestone, commonly planar and/or cross laminated; calcareous shale and siltstone; maroon shale; carbonate clast breccia and conglomerate
uPN
Nadaleen Formation
grey to greenish-brown rhythmically bedded fine-grained samdstone, siltstone, mudstone ; mariib sultstone-mudstone;limestone; limestone conglomerate;calcareous grit and sandstone
uPS
Sheepbed Formation
recessive, black weathering shale and siltstone; minor quartzite and limestone
uPHC
Hay Creek Group
orange and brown weathering, commonly silty and sandy dolomite, in part well-laminated and flaggy; limestone, cross-bedded pebbly quartzite and conglomerate; local minor brown weathering diamictite at base; distinct white dolostone member at top
uPR
Rapitan Group
maroon mudstone with interbeds of sandy mud-matrix-conglomerate and pebbles of limestone, mudstone, sandstone and chert; thick bedded to massive, sandstone and pebble to boulder conglomerate with clasts of carbonate, siltstone and quartz arenite
uPHC
Mt. Harper Group
grey dolostone, dolostone conglomerate and dolomitic mudstone redbeds; and, volcanic and carbonate clast conglomerate, rare basalt, volcanic tuff, and pyroclastic bombs, intercalated dolomitic mudstone and dolostone conglomerate
Mineralized Showing
Contact:
Defined / Interpreted / Inferred
Thrust Fault:
Interpreted / Inferred
Normal Fault:
Interpreted / Inferred
ATAC RESOURCES LIMITED
FIGURE 9
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL GEOLOGY
RACKLA GOLD PROJECT
0 1 2 3 4 5 km
MAPSHEET 106C01 UTM ZONE 8, NAD 83 Scale 1:100 000
FILE: F_9_Regional_Geology.wor
DATE: MAY 2015

Scale (m)	Regional Unit	Property Unit	Local Unit	Rock Type	Au	Unit Characteristics
0	Mc	Mc	Mc	*Fossiliferous Limestone*		Thin to medium bedded clastic limestone interbedded with silty mudstone - deposited as turbidites.
	DME	DMEs	DMEs	*Shale*		Silvery-grey weathering siliceous shale and silty mudstone with thin layers of bedded barite.
		DMEm	DMEm	Mudstone		Pyritic silty shale, gritty mudstone, silty mudstone, black dolomitic siltstone and grit.
	mDC	mDMc	mDMc	Calcareous mudstone	Anubis	Black silty mudstone with thin crystalline grey limestone interbeds near top; sections of "thick fossil trash" limestone deposited as turbidites; black cherty mudstone and black shale at base has a polymetallic "NiMo" geochemical signature.
500		mDC	mDC	*Fossiliferous Limestone*		Thickly bedded to massive, shallow water light grey crinoidal limestone, contains "two-hole" and "star" crinoids.
	Osc	OSc	OSc	Limestone		Thinly bedded silty limestone and medium to thick bedded coarse clastic limestone containing abundant silicified algal mat debris.
1000		OScs	OScs	Sandy Limestone		Black recessive mudstone with minor black chert layers and thin "fossil-trash" limestone turbidite layers.
	ODRR	ODRR	ODRR	*Shale*		Black shale with local black limestone interlayers.
	PCH	PCHnq	PCHnq	Quartzite		Buff weathering locally calcareous quartzite.
1500		PCHn	PCHn	Shale		Dominately maroon and green shale and siltstone with local grey to brown shale, green and white sandstone and yellowish-buff weathering dolomitic limestone.
		PHa	IA-DST	Dolostone	Amon	Buff-weathering, massive to finely laminated silty dolostone. Coarse grained sugary texture occurs in part, suggesting hydrothermal alteration.
	uPB	uPBl	O-SLT2	*Siltstone*		Brown to grey weathering, grey calcareous siltstone and shale.
2000			O-LST2	*GrittyLimestone*		Tan to brown weathering, grey quartz grit limestone to calcareous sandstone interbedded with siltstone.
2500	uPG	uPG	O-DMT	*Debrite*	Sunrise-Osiris-Ibis	Distinctive unsorted polymict conglomerate debrite dominated by carbonate clasts from pebble to >1 metre boulders in a fine grained non to weakly calcareous green siltstone and shale and/or variably crystalline limestone matrix.
			O-DST1	*Dolostone*		Grey to tan weathering, massive to brecciated dolostone. Lower contact is gradational to interfingered.
			O-LST1	*Limestone*		Thinly laminated lime mudstone with quartz rich silty layers and distinctive rudstone and packstone layers.
	CSM	CSM	Pg	*Gabbro*		Greyish-green gabbro with a slight rusty coating on weathered surfaces.
	uPG	uPG	O-LST1	*Limestone*		Thinly laminated lime mudstone with quartz rich silty layers and distinctive rudstone and packstone layers.
	uPN	uPNs	O-MST1	*Mudstone*		Maroon and green to greenish-grey coloured silty mudstone.
		uPNl	C-LST2	*Limestone*		Very dark grey/black, coarsely crystalline limestone thickly bedded with rare debrite clasts. 'Beef' textured calcite layers are common.
			C-DMT	*Debrite*		Limestone debrite with clasts that vary from centimetre to metre size and are compositionally similar to the overlying crystalline limestone.
			C-LST2	*Limestone*		Very dark grey/black, coarsely crystalline limestone thickly bedded with rare debrite clasts. 'Beef' textured calcite layers are common.
3000			C-SHL	*Shale*		Black laminated siltstone to shale with local intervals of sandstone associated with trace disseminated pyrite.
			C-DOL	*Dolostone*		Light grey to beige finely crystalline hydrothermal dolomite with distinct black crackle breccia veinlets throughout
			C-SLC	*Siliclastics*		Laminated siltstone to sandstone with disseminated pyrite throughout, variably containing matrix supported quartz-grit to pebble conglomerate intervals throughout.
			C-INT	*Gabbro*		Gabbroic dyke
			C-SLC	*Siliclastics*		Laminated siltstone to sandstone with disseminated pyrite throughout, variably containing matrix supported quartz-grit to pebble conglomerate intervals throughout.
		uPNcl	C-LST1	*Limestone*	Conrad	Light grey weathering, massive to silty laminated limestone, lime mudstone, packstone, wackestone with "cone-in-cone" and "beef" cacite layers.
			C-INT	*Gabbro*		Gabbroic dyke
			C-LST1	*Limestone*		Light grey weathering, massive to silty laminated limestone, lime mudstone, packstone, wackestone with "cone-in-cone" and "beef" cacite layers.
3500			NFZ	*FaultZone*	Pharaoh	Cataclastic shear zone up to 50 m wide in section, defined on surface as a pronounced bench; dips steeply to the north.
	uPHC	uPIB	NONAD	*Mudstone*		Distinctive rusty weathring, light teal-green to maroon and brown mudstone with minor interbedded quartz pebble congolomerate.
4000						

ATAC RESOURCES LTD.

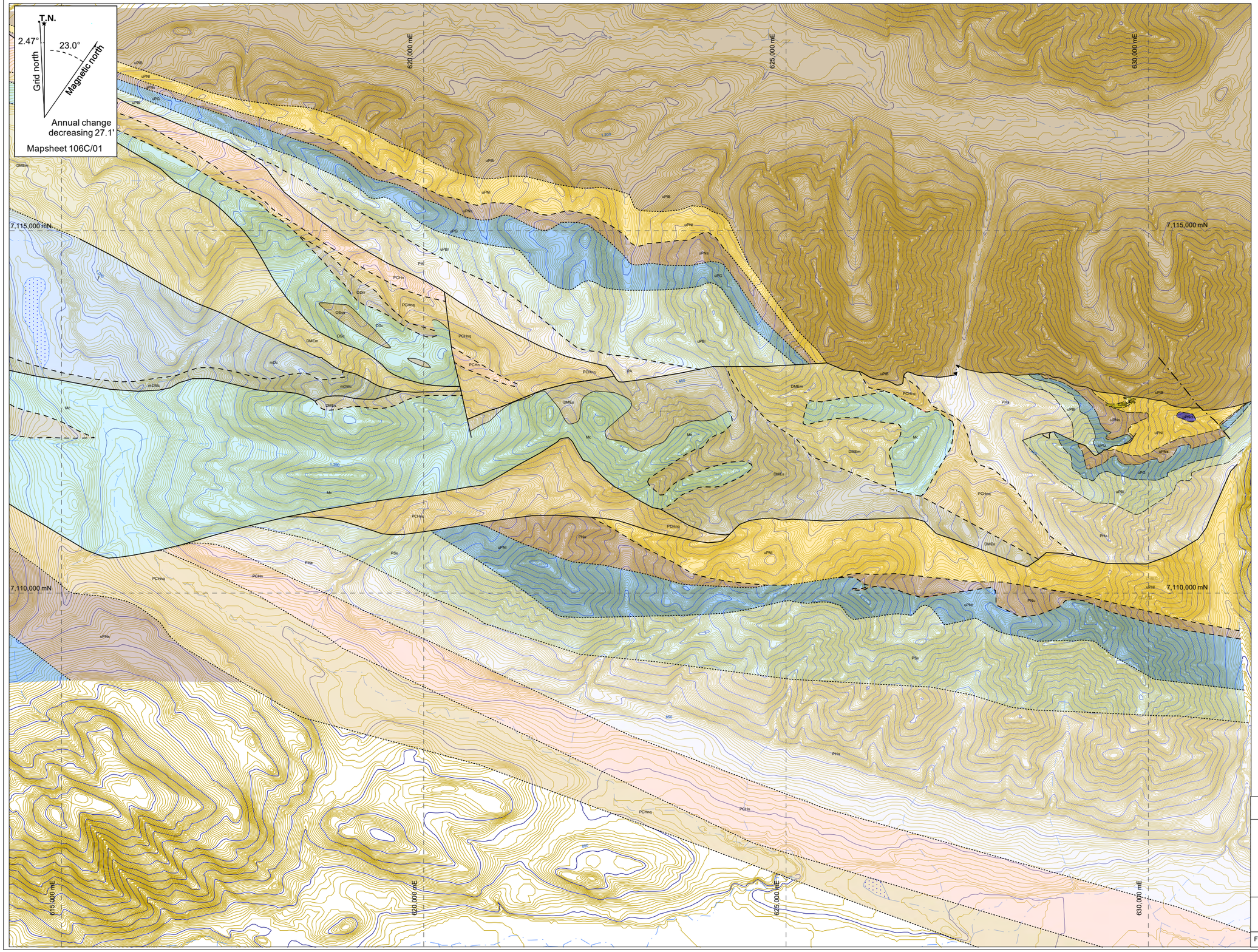
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 10

Nadaleen Trend Stratigraphy

Rackla Gold Property

FILE: 2014/Rackla Gold/Figures/F_10 DATE: MAY 2015



PALEOZOIC

CSM — dark green to black, fine to medium-grained gabbro, pyroxinite

MISSISSIPPIAN

Mc — light to medium grey, well-bedded limestone. locally very fossiliferous; contains large crinoids

MIDDLE DEVONIAN (EIFELIAN)

mDC — light grey crinoidal limestone, contains "two-hole" and "star" crinoids

MIDDLE DEVONIAN-MISSISSIPPIAN

mDMc — Black silty mudstone with thin crystalline grey limestone interbeds near top; sections of thick fossil trash limestone deposited as turbidites; black cherty mudstone and black shale at base has a polymetallic "NiMo" geochemical signature.

DEVONIAN-MISSISSIPPIAN

DMEm — pyritic silty shale, gritty mudstone, silty mudstone, black dolomitic siltstone and grit

DMEs — silvery-grey weathering siliceous shale and silty mudstone, thin bedded barite beds

ORDOVICIAN TO SILURIAN?

OScs — buff weathering, medium-grained calcareous sandstone and sandy limestone/dolostone; locally gritty and very fossiliferous

OSc — thin to medium-bedded, grey and buff weathering, silty limestone; massive, white limestone

ORDOVICIAN TO LOWER DEVONIAN

ODrr — **ROAD RIVER GROUP:** black shale, locally graptoltic; black limestone

NEOPROTEROZOIC (EDIACARAN) TO LOWER CAMBRIAN

PCHnq — **HYLAND GROUP, NARCHILLA FORMATION?:** buff weathering, locally calcareous quartzite

PCHn — **HYLAND GROUP, NARCHILLA FORMATION:** maroon and green shale and siltstone, locally bioturbated; locally grey, brown shale; locally green and white sandstone; yellowish-buff weathering dolomitic limestone.

NEOPROTEROZOIC (EDIACARAN)

PHa — **HYLAND GROUP, ALGAE FORMATION:** light grey to yellowish-buff weathering dolomitic limestone and dolostone; variably dolomitzed and variably silty/sandy; locally fine-grained, dolomitic sandstone; commonly graded and cross-bedded; minor grey and/or maroon shale; local debris flow units: generally limestone pebble to cobble breccia and conglomerate; some polymictic breccia, locally boulder-size

NEOPROTEROZOIC (EDIACARAN)

PSs — **BLUEFLOWER FORMATION:** brown-weathering, grey shale and siltstone; minor sandstone and grit; rhythmically bedded, brown-weathering, grey limestone and shale; calcareous shale; thinly-bedded, grey limestone

NEOPROTEROZOIC (EDIACARAN)

uPG — **GAMETRAIL FORMATION:** "carbonate marker" - grey, buff, tan, and orange-weathering dolostone, dolomitic sandstone and limestone, commonly planar and/or cross laminated; calcareous shale and siltstone; maroon shale, carbonate-clast diamictite and conglomerate; pink-weathering siltstone at base of unit

NEOPROTEROZOIC (EDIACARAN)

uPNs — **NADALEEN FORMAITON, STENBRATEN MEMBER:** maroon and green fine grained sandstone-siltstone-mudstone

NEOPROTEROZOIC (EDIACARAN)

uPNl — **NADALEEN FORMATION, LOWER:** brownish-grey siltstone, mudstone limestone; rhythmically, thin to medium bedded mudstone and limestone; local pink-grey quartz sandstone and quartzite; calcareous grit and sandstone

NEOPROTEROZOIC (EDIACARAN)

uPNcl — **NADALEEN FORMATION, LOWER CARBONATE:** grey limestone

NEOPROTEROZOIC (EDIACARAN)

uPIB — **ICEBROOK FORMATION** orange-weathering, greenish-brown rythmically bedded fine grained sandstone, siltstone, mudstone; polymictic diamictite conglomerate (carbonate and quartzite pebble to cobble);

Contact - Defined / Inferred / Interpreted

Thrust Fault - Defined / Inferred

Normal Fault - Defined / Inferred

ATAC RESOURCES LIMITED

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

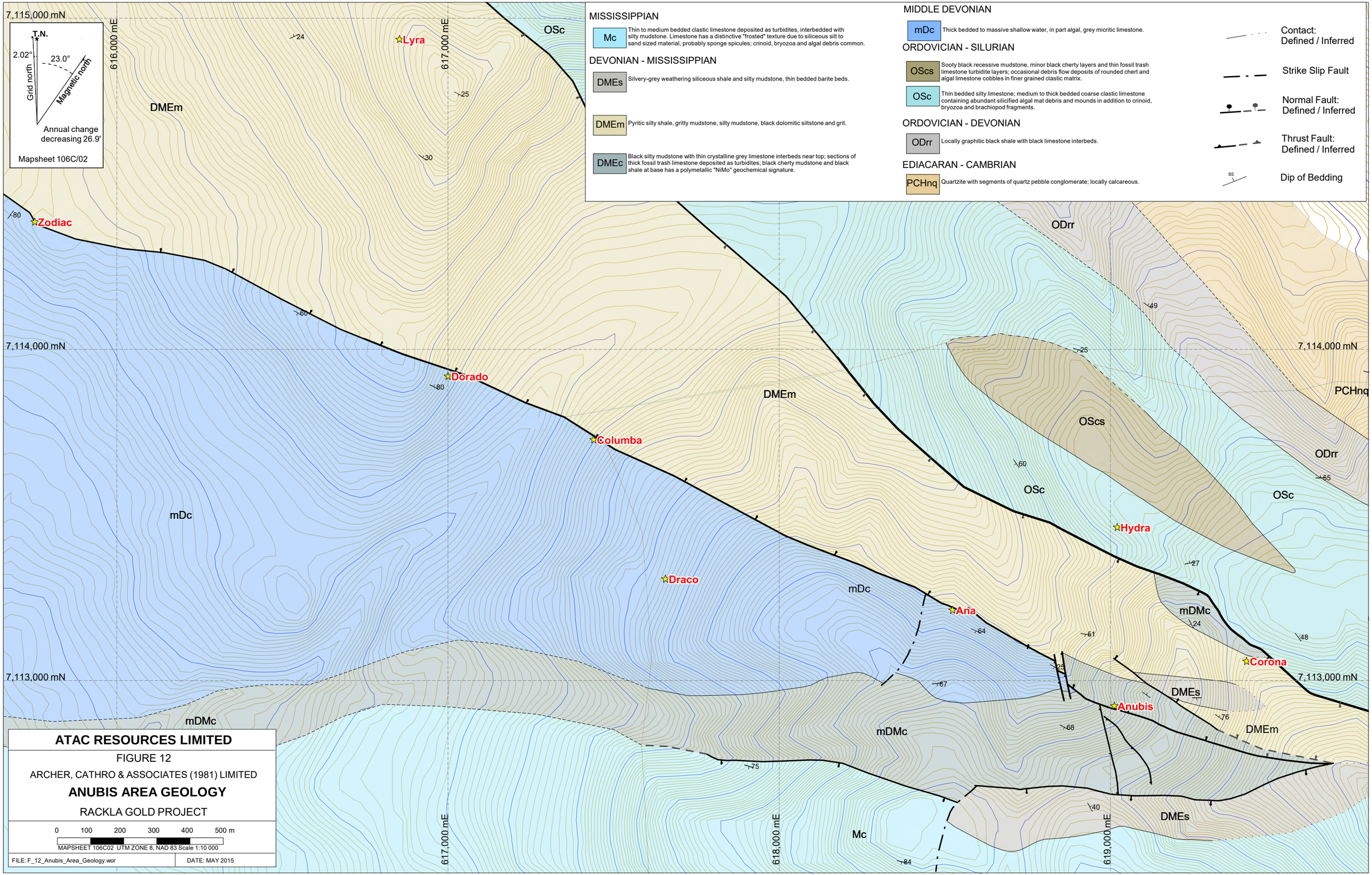
NADALEEN TREND GEOLOGY

RACKLA GOLD PROJECT

0 0.5 1 1.5 2 2.5 km

Mapsheet 106C01 UTM ZONE 8, NAD 83 Scale 1:50,000 Contour Interval - 5m

FILE: F_11_NadaleenTrendProperyGeology.wor | DATE: MAY 2015



MISSISSIPPIAN

Mc — Thin to medium bedded clastic limestone deposited as turbidites, interbedded with silty mudstone. Limestone has a distinctive "frosted" texture due to siliceous silt to sand sized material, probably sponge spicules; crinoid, bryozoa and algal debris common.

DEVONIAN - MISSISSIPPIAN

DMEs — Silvery-grey weathering siliceous shale and silty mudstone, thin bedded barite beds.

DMEm — Pyritic silty shale, gritty mudstone, silty mudstone, black dolomitic siltstone and grit.

DMEc — Black silty mudstone with thin crystalline grey limestone interbeds near top; sections of thick fossil trash limestone deposited as turbidites; black cherty mudstone and black shale at base has a polymetallic "NiMo" geochemical signature.

MIDDLE DEVONIAN

mDc — Thick bedded to massive shallow water, in part algal, grey micritic limestone.

ORDOVICIAN - SILURIAN

OScs — Sooty black recessive mudstone, minor black cherty layers and thin fossil trash limestone turbidite layers; occasional debris flow deposits of rounded chert and algal limestone cobbles in finer grained clastic matrix.

OSc — Thin bedded silty limestone; medium to thick bedded coarse clastic limestone containing abundant silicified algal mat debris and mounds in addition to crinoid, bryozoa and brachiopod fragments.

ORDOVICIAN - DEVONIAN

ODrr — Locally graphitic black shale with black limestone interbeds.

EDIACARAN - CAMBRIAN

PCHnq — Quartzite with segments of quartz pebble conglomerate; locally calcareous.

Contact: Defined / Inferred

Strike Slip Fault

Normal Fault: Defined / Inferred

Thrust Fault: Defined / Inferred

65 — Dip of Bedding

ATAC RESOURCES LIMITED

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

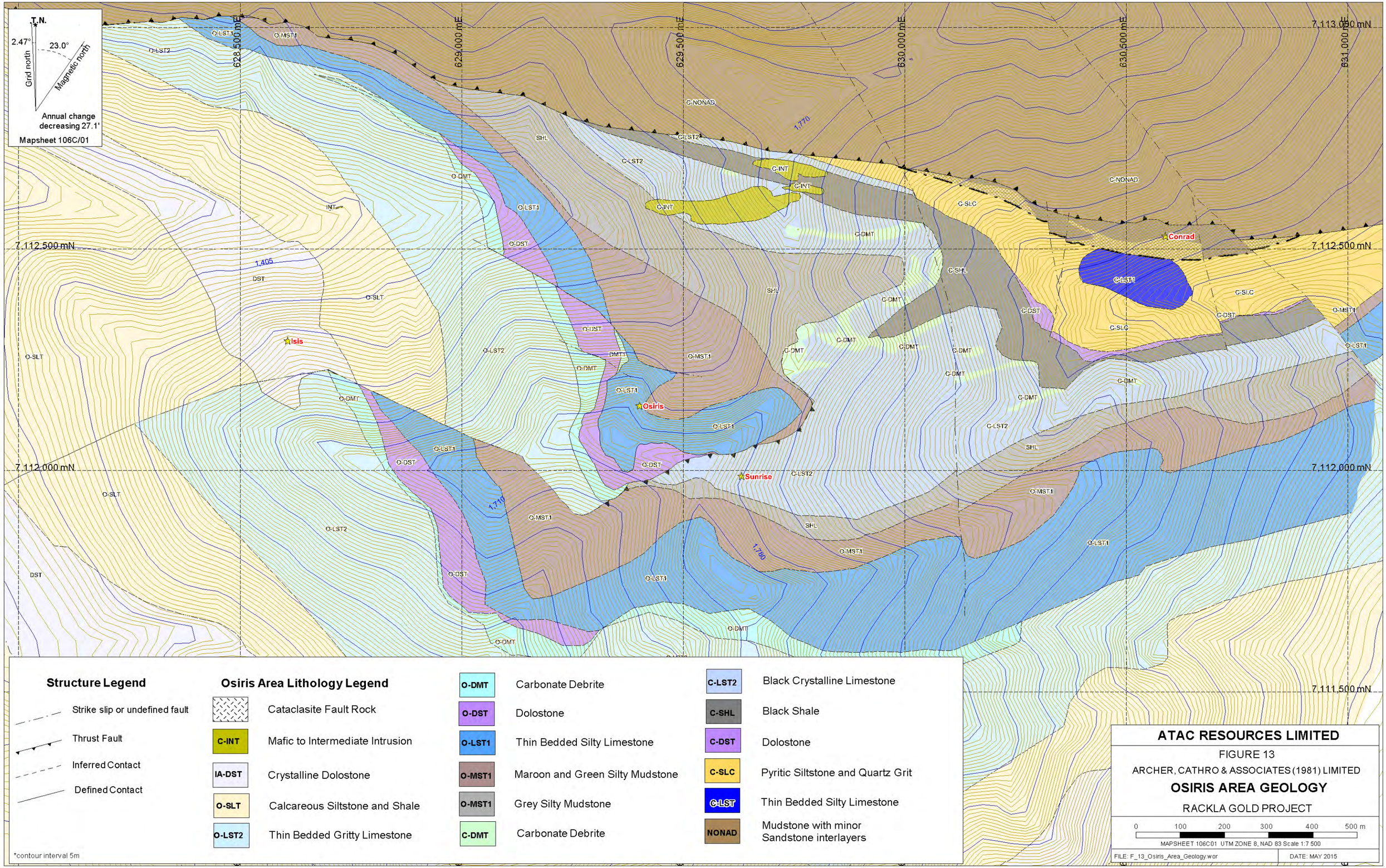
ANUBIS AREA GEOLOGY

RACKLA GOLD PROJECT

0 100 200 300 400 500 m

MAPSHEET 106C02 UTM ZONE 8, NAD 83 Scale 1:10 000

FILE: F_12_Anubis_Area_Geology.wor | DATE: MAY 2015



Structure Legend

- Strike slip or undefined fault
- Thrust Fault
- Inferred Contact
- Defined Contact

Osiris Area Lithology Legend

	Cataclasite Fault Rock
C-INT	Mafic to Intermediate Intrusion
IA-DST	Crystalline Dolostone
O-SLT	Calcareous Siltstone and Shale
O-LST2	Thin Bedded Gritty Limestone
O-DMT	Carbonate Debrite
O-DST	Dolostone
O-LST1	Thin Bedded Silty Limestone
O-MST1	Maroon and Green Silty Mudstone
O-MST1	Grey Silty Mudstone
C-DMT	Carbonate Debrite
C-LST2	Black Crystalline Limestone
C-SHL	Black Shale
C-DST	Dolostone
C-SLC	Pyritic Siltstone and Quartz Grit
C-LST	Thin Bedded Silty Limestone
NONAD	Mudstone with minor Sandstone interlayers

*contour interval 5m

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FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

OSIRIS AREA GEOLOGY

RACKLA GOLD PROJECT

0 100 200 300 400 500 m

MAPSHEET 106C01 UTM ZONE 8, NAD 83 Scale 1:7 500

FILE: F_13_Osiris_Area_Geology.wor | DATE: MAY 2015

T.N.
2.47°
23.0°
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01

605,000 mE
610,000 mE
615,000 mE
620,000 mE
625,000 mE
630,000 mE
635,000 mE
640,000 mE
7,125,000 mN
7,120,000 mN
7,115,000 mN
7,110,000 mN
7,105,000 mN

Figure 22
Figure 20
Figure 19
Figure 18
Figure 21
Figure 17
Figure 24
Figure 23
Figure 16
Figure 15
Figure 25

■ Rock sample location

ATAC RESOURCES LTD.

FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Rock Locations Overview

RACKLA GOLD PROJECT

0 10 km

UTM ZONE 8, NAD 83, 106C01, Contour line intervals 100 feet, Scale 1:100,000

FILE:F_15-Rock_locations_overview | DATE: MAY 2015

T.N.
2.47°
23.0°
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01

628,000 mE
628,500 mE
629,000 mE
629,500 mE
630,000 mE
7,113,000 mN
7,112,500 mN
7,112,000 mN
7,111,500 mN

Q011238
Q011235
Q011237
Q011236
N831771
Q011234
Q011231
N831770
N831769
Q011233
Q011232
N831767
N831760
N831765
N831762
N831764
N831763
N831766
N831761
N831768
Q011137
Q011123
Q011122
Q011116
Q011121
Q011118
Q011120
Q011117
Q011119
Q011139
Q011138
Q011214
Q011215
Q011210
Q011209
Q011213
Q011208
Q011207
Q011211
Q011212
Q011206
Q011205
Q010689
Q010684
Q010683
Q010690
Q010686
Q010682
Q010691
Q010687
Q010699
Q011202
Q011204
Q011201
Q010692
Q010688
Q011203
Q010700
Q010695
Q010685
Q010694
Q010693
Q010697
Q010696
Q010698
Q011141
Q011144
Q011150
Q011149
Q010651
Q011146
Q011145
Q011142
Q010681
Q011148
Q011143
Q010652
Q010653
Q011147
Q011140
Q010680
Q010658
Q010664
Q010655
Q010678
Q010654
Q010657
Q010677
Q010663
Q010662
Q010669
Q010659
Q010679
Q010661
Q010665
Q010656
Q010660
Q010666
Q010667
Q010668
Q010674
Q010670
Q010673
Q010672
Q010671
Q010675
Q010676
Q013954
Q013955
Q013956
Q013957
Q013958
Q013959
Q013963
Q013966
Q013962
Q013965
Q013964
Q013967
Q013961
Q013960
Q013969
Q013968
Q011153
Q013970
Q013972
Q013971
N831748
N831749
Q011152
N831746
Q011151
N831747
N831750

■ Rock sample location

ATAC RESOURCES LTD.

FIGURE 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2014 ROCK SAMPLE LOCATION OSIRIS

RACKLA GOLD PROJECT

0 250 m

UTM Zone 8, NAD 83, 106C01, Contour interval 10 m, Scale: 1: 5,000

FILE: F_15_Rocks_Osiris | DATE: MAY 2015

T.N.
2.47°
23.0°
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01

625,000 mE
625,500 mE
626,000 mE
626,500 mE
627,000 mE
627,500 mE

7,113,500 mN
7,113,000 mN
7,112,500 mN
7,112,000 mN

N831739
N831738
Q011105
Q011104
N831737
Q011103
Q011102
Q011101
N831800
N831743
N831744
N831736
N831799
N831735
N831798
N831734
N831733
N831731
N831797
N831796
N831794
N831732
N831795
N831742
Q011114
Q011113
Q011115
Q011112
Q011111
N831730
N831741
Q011107
Q011106
Q011109
Q011108
Q011110
N831740
Q011136
Q011135
Q011134
Q011132
Q011133
Q011131
Q011124
Q011130
Q011129
Q011128
Q011127
Q011125
Q011126

■ Rock sample location

ATAC RESOURCES LTD.

FIGURE 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2014 ROCK SAMPLE LOCATION NADALEEN

RACKLA GOLD PROJECT

0 250 m

UTM Zone 8, NAD 83, 106C01, Contour interval 5 m, Scale: 1: 5,000

FILE: F_16_Rocks_LOcations_Nadaleen | DATE: MAY 2015

7,113,200 mN

618,700 mE

618,800 mE

618,900 mE

619,000 mE

619,100 mE

619,200 mE

7,113,100 mN

7,113,000 mN

7,112,900 mN

7,112,800 mN

T.N.

2.02°

23.0°

Grid north

Magnetic north

Annual change decreasing 26.9'

Mapsheet 106C/02

Q013854

Q013900

N830775

N830776

N830777

N830774

Q013846

Q013847

Q013809

Q013893

Q013899

Q012998

N830856

N830857

Q012916

Q012917

Q013894

N830772

Q013853

Q013892

Q013848

N830771

N830773

Q013845

Q013849

N830855

Q013895

Q012962

Q013896

Q013898

Q013810

N830860

N830858

N830863

Q012997

Q012915

N830859

N830862

N830864

Q013837

Q013838

N830861

Q013844

Q013883

Q013843

Q013852

Q013884

Q012995

Q012914

Q012994

Q012996

Q012913

Q013891

N830770

Q013882

Q013881

Q012912

Q012960

Q013880

Q012961

Q013879

Q013836

Q013835

Q013851

Q013897

Q013886

Q012911

Q013888

Q013885

Q013890

Q013839

N830765

N830766

N830764

Q013834

N830769

Q013827

Q013828

Q013840

Q013870

Q013869

Q013887

Q013868

Q013867

N830768

N830761

Q013831

Q013832

N830762

Q013833

Q013830

N830758

N830757

N830760

N830763

Q013825

N830756

N830755

Q013824

N830759

Q013866

Q013865

N830754

N830751

Q012901

Q013889

Q013878

Q013823

N830753

Q012992

Q013842

Q012910

N830752

Q012903

Q013864

Q012909

Q013863

Q012908

Q013862

Q012902

Q013877

Q013822

Q013819

Q013821

Q013820

Q012907

Q012906

Q013818

Q013876

N830872

Q013860

Q013875

Q013817

Q012993

Q012904

Q013859

Q013815

Q012905

Q013873

Q013829

Q013858

Q013871

Q013857

Q013814

Q013872

■ Rock sample location

ATAC RESOURCES LTD.

FIGURE 17

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2014 ROCK SAMPLE LOCATION ANUBIS

RACKLA GOLD PROJECT

0 50 m

UTM Zone 8, NAD 83, 106C02, Contour interval 5 m, Scale: 1: 1,000

FILE: F_17_Rocks_Locations_Anubis

DATE: MAY 2015

T.N.
2.02°
23.0°
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02

618,100 mE
618,200 mE
618,300 mE
618,400 mE
618,500 mE
618,600 mE
7,113,300 mN
7,113,200 mN
7,113,100 mN
7,113,000 mN

Q012979
N830881
Q012977
Q012978
N830882
Q012976
N830880
Q012975
Q013813
N830879
N830878
Q012974
Q012973
Q013856
Q017229
Q012971
Q012972
N830865
Q012952
Q012953
Q012955
Q012954
Q012956
Q012970
Q013812
N830866
Q012951
Q012957
Q012959
Q012969
N830867
Q012958
N830873
N830868
N830869
Q012963
Q012968
N830870
Q012964
N830871
N830877
N830876
N830875
N830874
Q012966
Q012967
Q012965

■ Rock sample location

ATAC RESOURCES LTD.

FIGURE 18

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

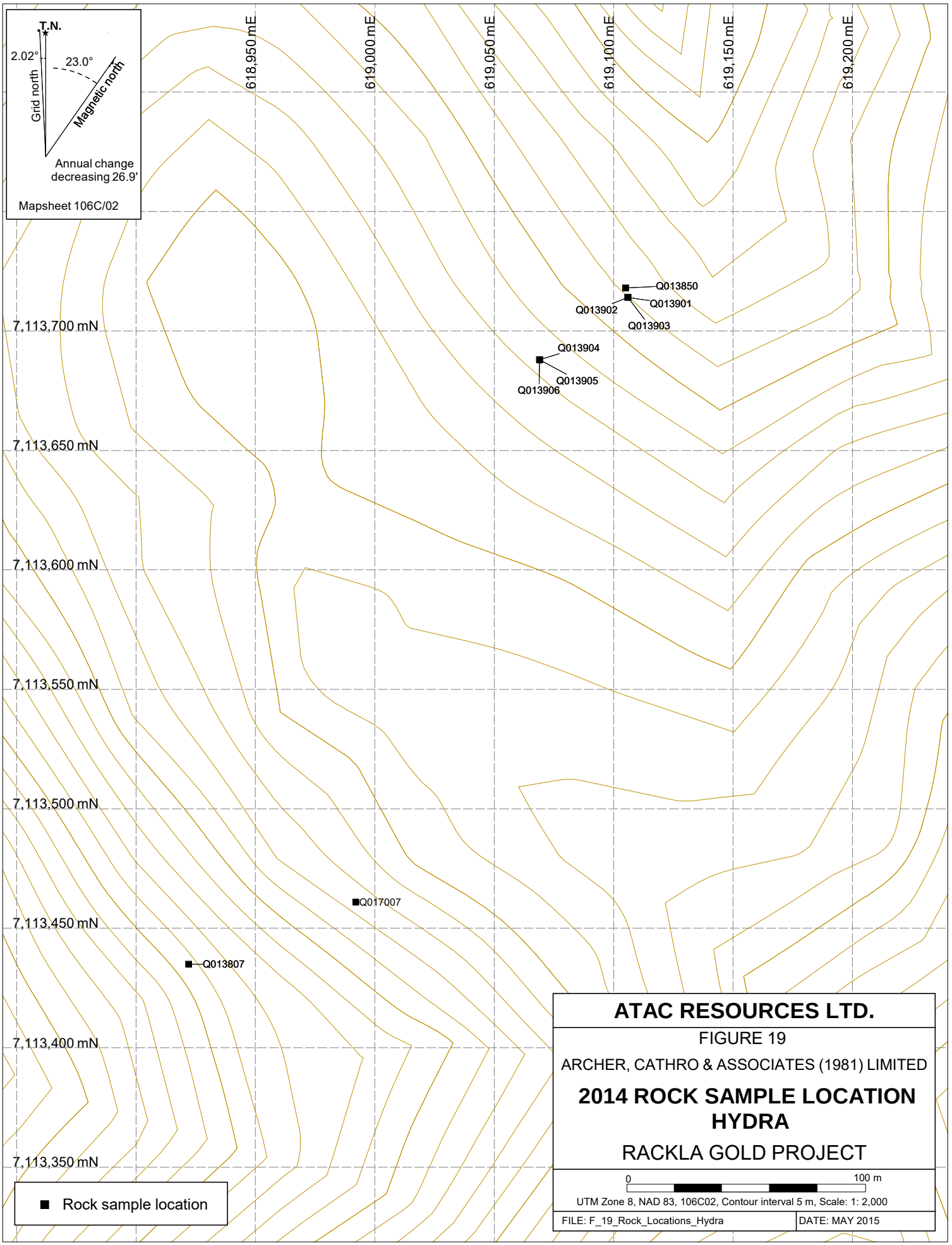
2014 ROCK SAMPLE LOCATION
ANUBIS WEST

RACKLA GOLD PROJECT

0 50 m

UTM Zone 8, NAD 83, 106C02, Contour interval 5m, Scale: 1: 1,000

FILE:F_18_Rocks_Location_AnubisW | DATE: MAY 2015



ATAC RESOURCES LTD.

FIGURE 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

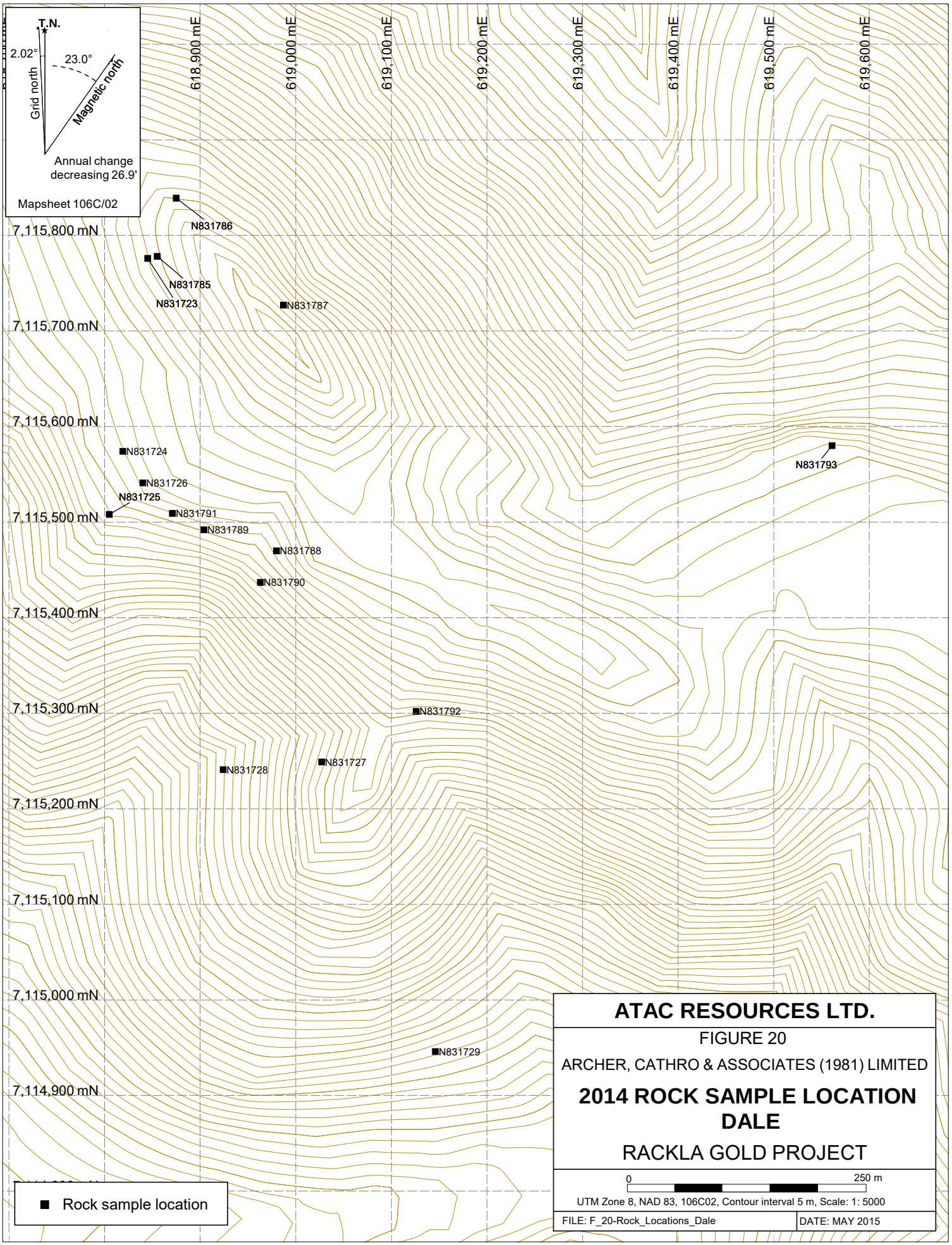
2014 ROCK SAMPLE LOCATION HYDRA

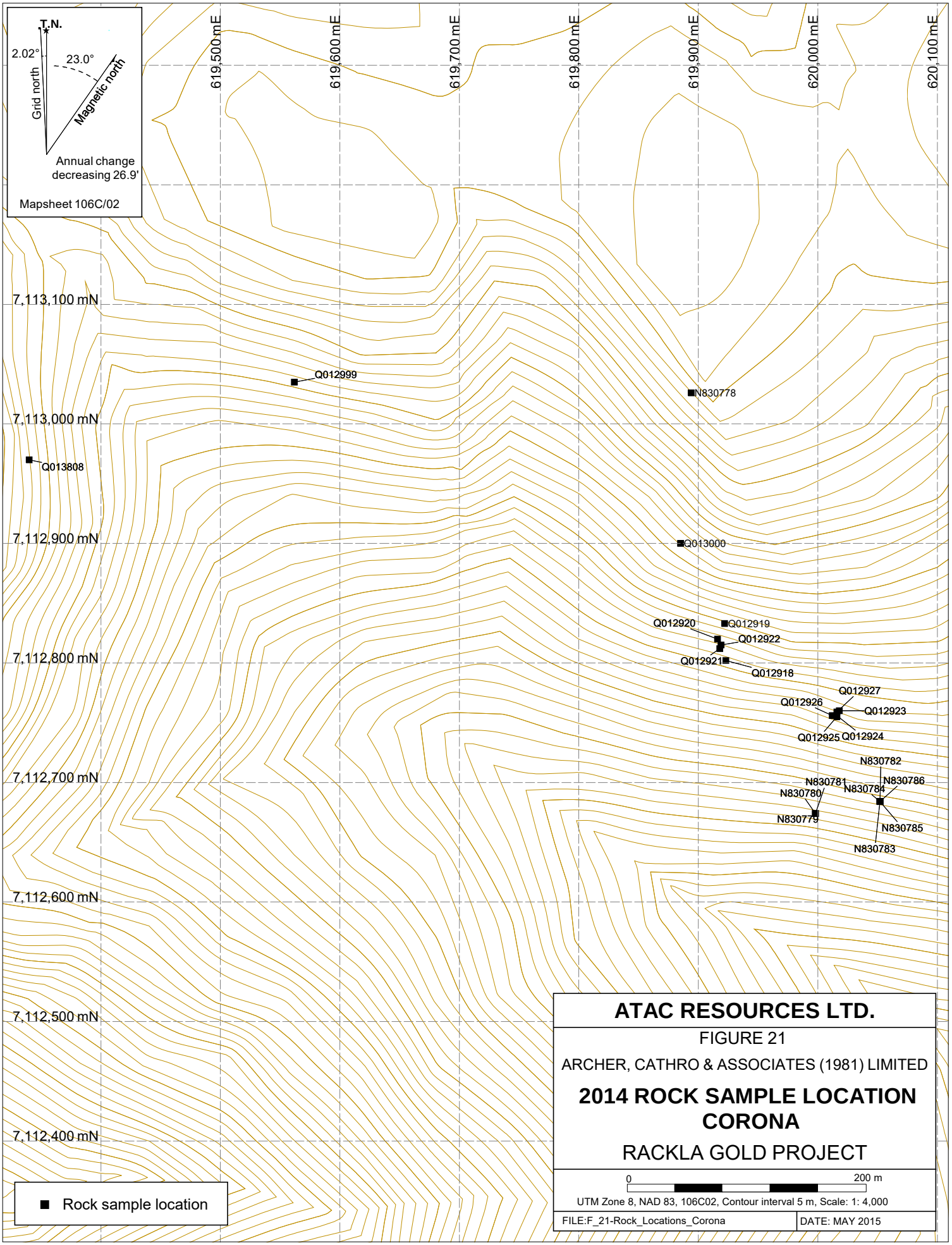
RACKLA GOLD PROJECT

0 100 m

UTM Zone 8, NAD 83, 106C02, Contour interval 5 m, Scale: 1: 2,000

FILE: F_19_Rock_Locations_Hydra | DATE: MAY 2015


T.N.
2.02°
23.0°
Grid north
Magnetic north
Annual change
decreasing 26.9'
Mapsheet 106C/02
618,900 mE
619,000 mE
619,100 mE
619,200 mE
619,300 mE
619,400 mE
619,500 mE
619,600 mE
7,115,800 mN
7,115,700 mN
7,115,600 mN
7,115,500 mN
7,115,400 mN
7,115,300 mN
7,115,200 mN
7,115,100 mN
7,115,000 mN
7,114,900 mN
N831786
N831785
N831723
N831787
N831724
N831726
N831725
N831791
N831789
N831788
N831790
N831793
N831792
N831728
N831727
N831729
Rock sample location
ATAC RESOURCES LTD.
FIGURE 20
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2014 ROCK SAMPLE LOCATION
DALE
RACKLA GOLD PROJECT
0
250 m
UTM Zone 8, NAD 83, 106C02, Contour interval 5 m, Scale: 1: 5000
FILE: F_20-Rock_Locations_Dale
DATE: MAY 2015


T.N.
2.02°
23.0°
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
619,500 mE
619,600 mE
619,700 mE
619,800 mE
619,900 mE
620,000 mE
620,100 mE
7,113,100 mN
7,113,000 mN
7,112,900 mN
7,112,800 mN
7,112,700 mN
7,112,600 mN
7,112,500 mN
7,112,400 mN
Q012999
N830778
Q013808
Q013000
Q012920
Q012919
Q012922
Q012921
Q012918
Q012927
Q012926
Q012923
Q012925
Q012924
N830782
N830781
N830786
N830784
N830780
N830779
N830785
N830783
Rock sample location
ATAC RESOURCES LTD.
FIGURE 21
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2014 ROCK SAMPLE LOCATION CORONA
RACKLA GOLD PROJECT
0
200 m
UTM Zone 8, NAD 83, 106C02, Contour interval 5 m, Scale: 1: 4,000
FILE:F_21-Rock_Locations_Corona
DATE: MAY 2015

T.N.

2.02°

23.0°

Grid north

Magnetic north

Annual change decreasing 26.9'

Mapsheet 106C/02

616,000 mE

616,500 mE

617,000 mE

617,500 mE

618,000 mE

618,500 mE

7,116,000 mN

7,115,500 mN

7,115,000 mN

7,114,500 mN

N831719

N831720

N831781

N831780

N831716

N831717

N831718

N831779

N831778

N831776

N831777

N831713

N831714

N831715

N831775

N831774

N831782

N831721

N831783

N831722

N831784

Q012991

N830889

N830890

N830888

N830887

N830885

N830884

Q012989

Q012990

N830895

N830891

N830883

N830897

N830892

N830898

N830893

N830894

N830900

N830899

N830896

Q012988

Q012987

Q012986

Q012985

Q012983

Q012982

Q012984

Q012981

Q012980

■ Rock sample location

ATAC RESOURCES LTD.

FIGURE 22

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2014 ROCK SAMPLE LOCATION LYRA

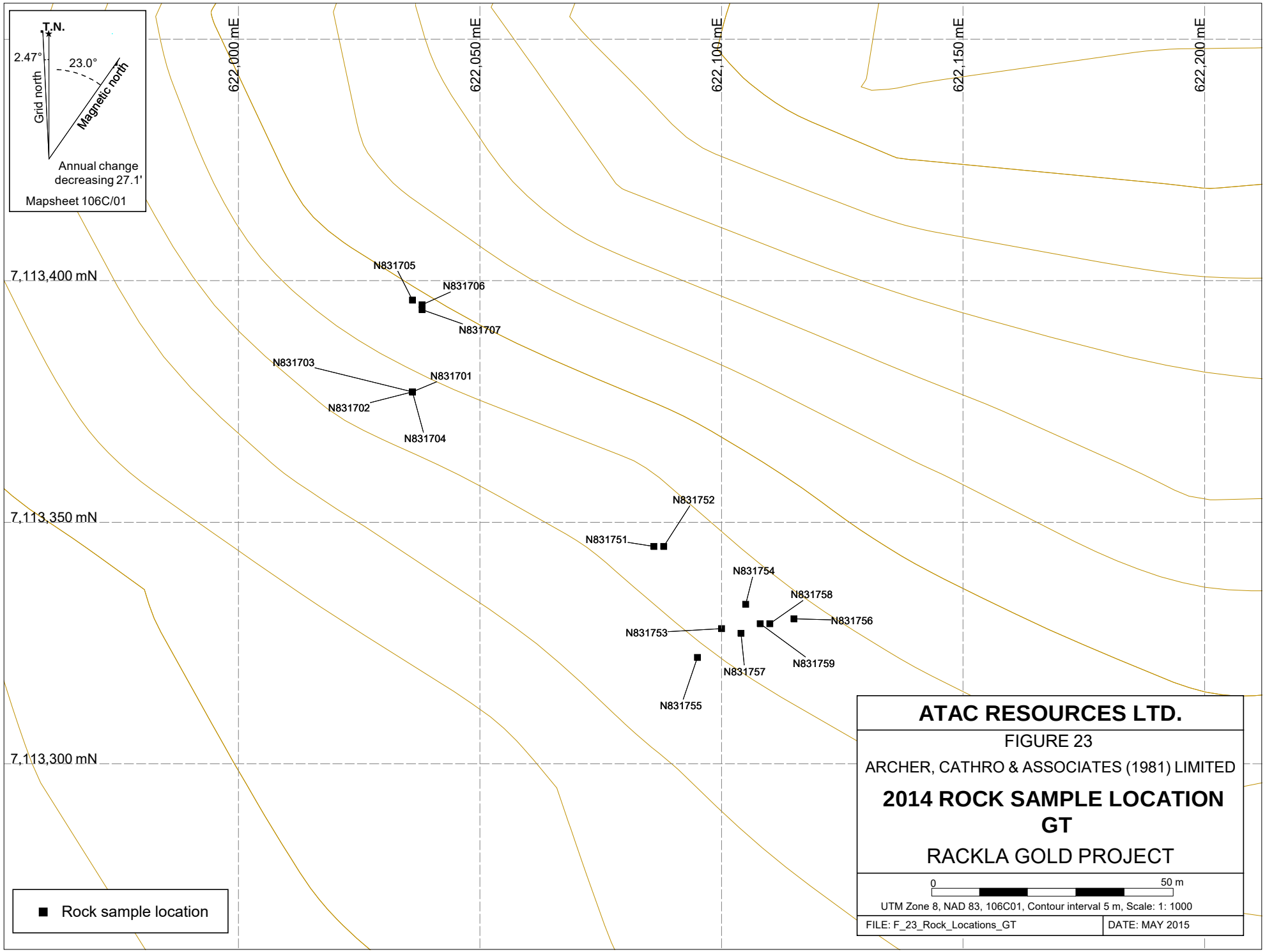
RACKLA GOLD PROJECT

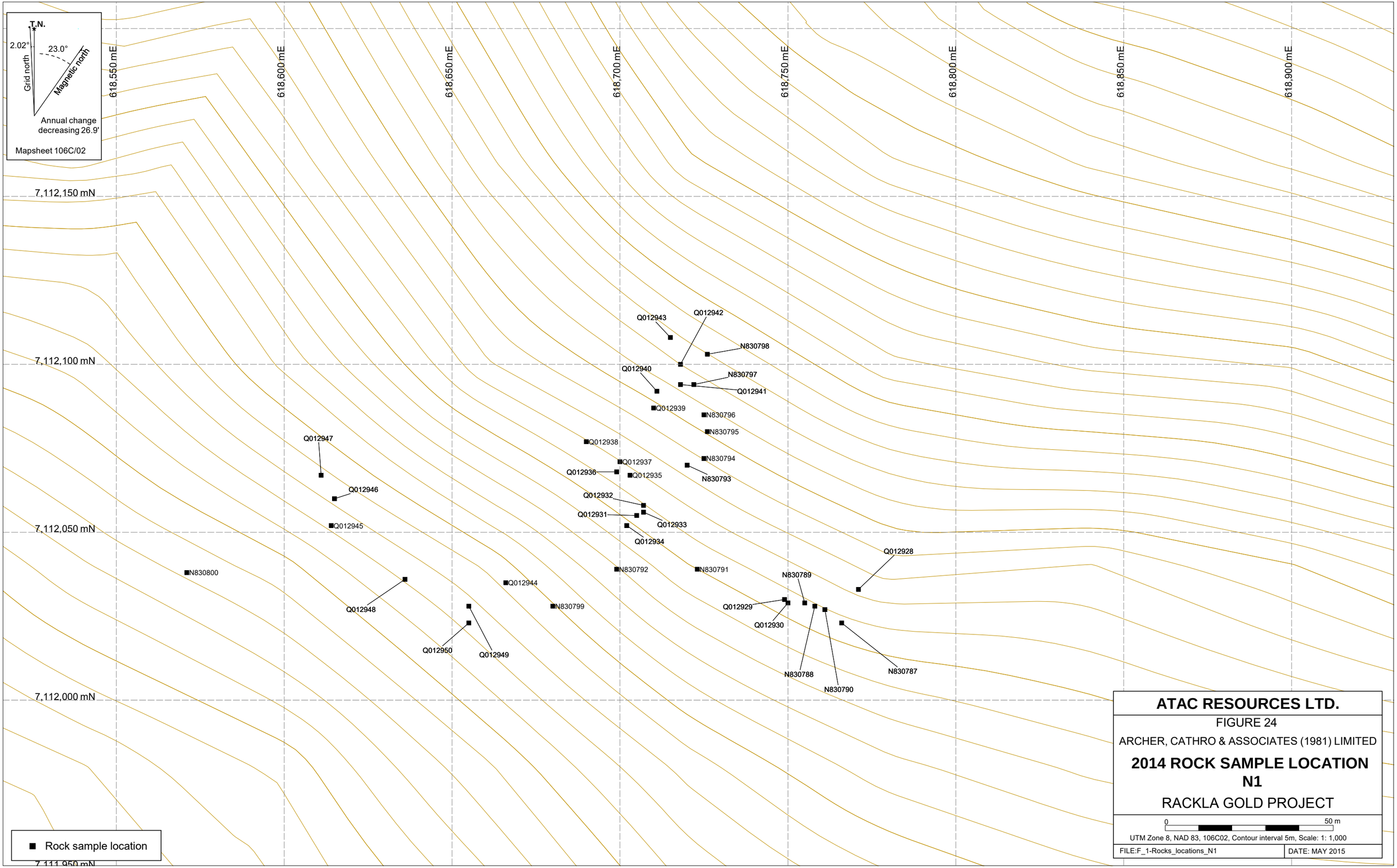
0 250 m

UTM Zone 8, NAD 83, 106C02, Contour interval 100 m, Scale: 1: 5,000

FILE: F_22-Rock_locations_Lyra

DATE: MAY 2015


T.N.
2.47°
23.0°
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01
622,000 mE
622,050 mE
622,100 mE
622,150 mE
622,200 mE
7,113,400 mN
7,113,350 mN
7,113,300 mN
N831705
N831706
N831707
N831703
N831701
N831702
N831704
N831752
N831751
N831754
N831758
N831756
N831753
N831759
N831757
N831755
Rock sample location
ATAC RESOURCES LTD.
FIGURE 23
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2014 ROCK SAMPLE LOCATION GT
RACKLA GOLD PROJECT
0
50 m
UTM Zone 8, NAD 83, 106C01, Contour interval 5 m, Scale: 1: 1000
FILE: F_23_Rock_Locations_GT
DATE: MAY 2015



ATAC RESOURCES LTD.

FIGURE 24

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

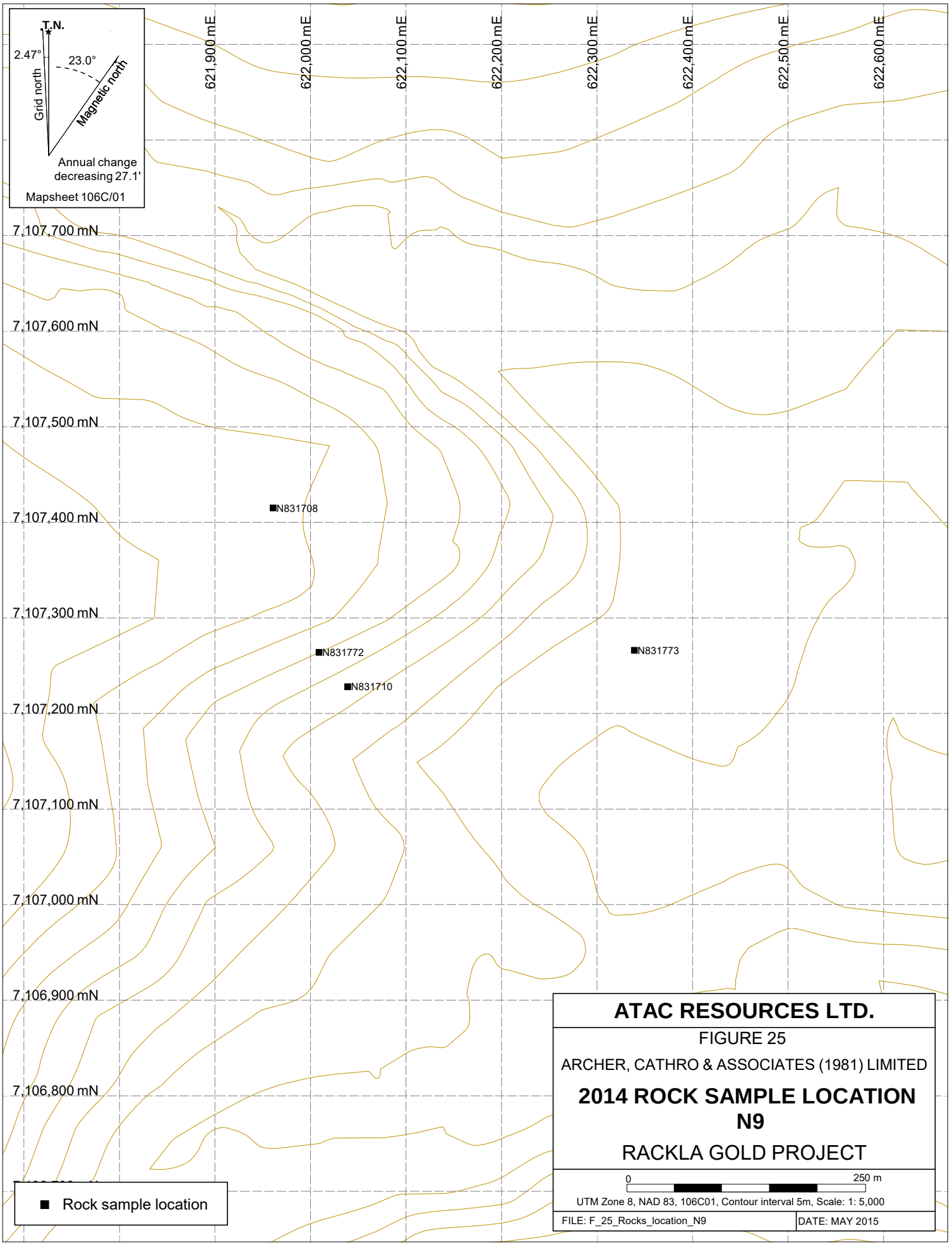
2014 ROCK SAMPLE LOCATION N1

RACKLA GOLD PROJECT

0 50 m

UTM Zone 8, NAD 83, 106C02, Contour interval 5m, Scale: 1: 1,000

FILE:F_1-Rocks_locations_N1 | DATE: MAY 2015


T.N.
2.47°
23.0°
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C/01
621,900 mE
622,000 mE
622,100 mE
622,200 mE
622,300 mE
622,400 mE
622,500 mE
622,600 mE
7,107,700 mN
7,107,600 mN
7,107,500 mN
7,107,400 mN
7,107,300 mN
7,107,200 mN
7,107,100 mN
7,107,000 mN
7,106,900 mN
7,106,800 mN
N831708
N831772
N831710
N831773
Rock sample location
ATAC RESOURCES LTD.
FIGURE 25
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2014 ROCK SAMPLE LOCATION N9
RACKLA GOLD PROJECT
0
250 m
UTM Zone 8, NAD 83, 106C01, Contour interval 5m, Scale: 1: 5,000
FILE: F_25_Rocks_location_N9
DATE: MAY 2015

T.N.
2.02°
23.0°
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02

618,700 mE
618,800 mE
618,900 mE
619,000 mE
619,100 mE
619,200 mE

7,113,100 mN
7,113,000 mN
7,112,900 mN

102
2.25
2.15
1.49
11.35
9.7
3.34

2014 Gold in rock geochemistry (ppm)
- ≥1
- ≥0.5 <1
- ≥0.2 <5
- ≥0.1 <0.2
- ≥0.05 <0.1
- ≥0 <0.05

Diamond drill hole collar

ATAC RESOURCES LTD.

FIGURE 26

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

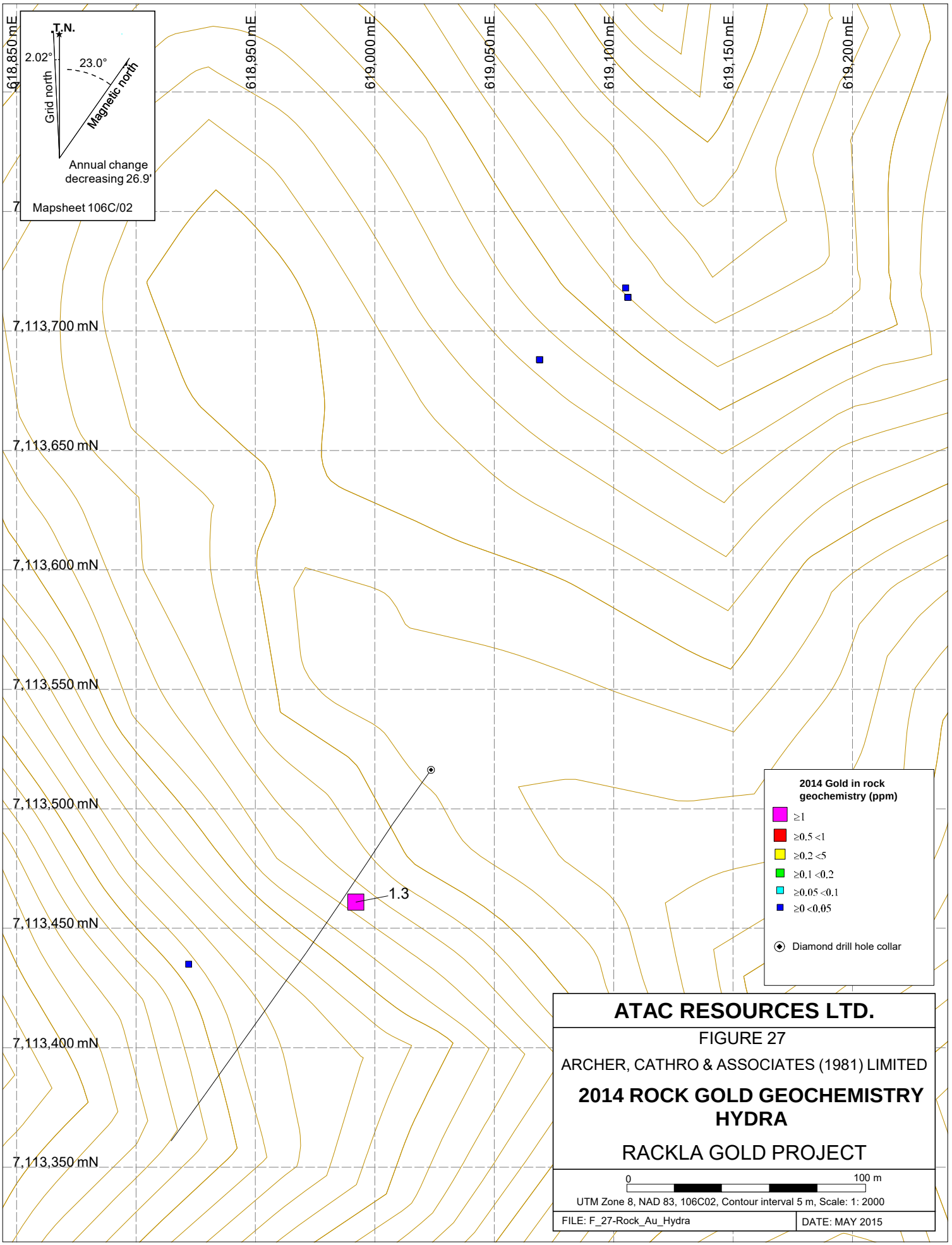
2014 ROCK GOLD GEOCHEMISTRY ANUBIS

RACKLA GOLD PROJECT

0 50 m

UTM Zone 8, NAD 83, 106C02, Contour interval 5 m, Scale: 1: 1,000

FILE: F_26-Rock_Au_Anubis | DATE: MAY 2015


T.N.
2.02°
23.0°
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02
618,850 mE
618,950 mE
619,000 mE
619,050 mE
619,100 mE
619,150 mE
619,200 mE
7,113,700 mN
7,113,650 mN
7,113,600 mN
7,113,550 mN
7,113,500 mN
7,113,450 mN
7,113,400 mN
7,113,350 mN
1.3
2014 Gold in rock geochemistry (ppm)
≥1
≥0.5 <1
≥0.2 <5
≥0.1 <0.2
≥0.05 <0.1
≥0 <0.05
Diamond drill hole collar
ATAC RESOURCES LTD.
FIGURE 27
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2014 ROCK GOLD GEOCHEMISTRY HYDRA
RACKLA GOLD PROJECT
0
100 m
UTM Zone 8, NAD 83, 106C02, Contour interval 5 m, Scale: 1: 2000
FILE: F_27-Rock_Au_Hydra
DATE: MAY 2015

T.N.
2.47°
23°
Grid north
Magnetic north
Annual change decreasing 27.1'
Mapsheet 106C01

628,000 mE
628,500 mE
629,000 mE
629,500 mE
630,000 mE
7,113,000 mN
7,112,500 mN
7,112,000 mN
7,111,500 mN

1.4
1.83
3.68
1.07
2.51
22
2.46
3.45
1.81

2014 Gold in rock geochemistry (ppm)
- ≥1
- ≥0.5 <1
- ≥0.2 <5
- ≥0.1 <0.2
- ≥0.05 <0.1
- ≥0 <0.05

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FIGURE 28

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2014 ROCK GOLD GEOCHEMSITRY OSIRIS

RACKLA GOLD PROJECT

0 2.5 km

UTM Zone 8, NAD 83, 106C01, Contour interval 10 m, Scale: 1: 5,000

FILE: ...F_28-Rock_Au_Osiris | DATE: MAY 2015

T.N.
2.02°
23.0°
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02

617,500 mE
618,000 mE
618,500 mE
619,000 mE
619,500 mE
620,000 mE
7,114,000 mN
7,113,500 mN
7,113,000 mN

AnTr-14-011
AnTr-14-010
AnTr-14-002
AnTr-14-001
AnTr-14-003
AnTr-14-004
AnTr-14-005
AnTr-14-006
AnTr-14-007
AnTr-14-008
AnTr-14-009
AnTr-14-012
AnTr-14-013
AnTr-14-014
AnTr-14-015
AnTr-14-016
0.96 ppm
1.15 ppm
2.3 ppm

2014 Trench
Diamond drill hole collar
Significant gold sample
Alteration zone

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FIGURE 29

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2014 TRENCH LOCATIONS

RACKLA GOLD PROJECT

0 300 m

UTM Zone 8, NAD 83, 106C02, Contour interval 5m, Scale: 1: 7,500

FILE: F_29_Trench_locations | DATE: MAY 2015

T.N.
2.02°
23.0°
Grid north
Magnetic north
Annual change decreasing 26.9'
Mapsheet 106C/02

617,400 mE
617,600 mE
617,800 mE
7,113,800 mN
7,113,600 mN

DMEn
mDc
Calcite Corridor

SECTION 760N (Figure 34)
SECTION 740N (Figure 33)
SECTION 720N (Figure 32)
SECTION 700N (Figure 31)

Mercury in soil geochemistry (ppm)
- ≥6
- ≥3.25 <6
- ≥1.5 <3.25
- ≥0.8 <1.5
- ≥0.4 <0.8
- ≥0 <0.4

2014 Auger drill collar
2014 trench
Road

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FIGURE 30

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

AUGER DRILL HOLES COLUMBA

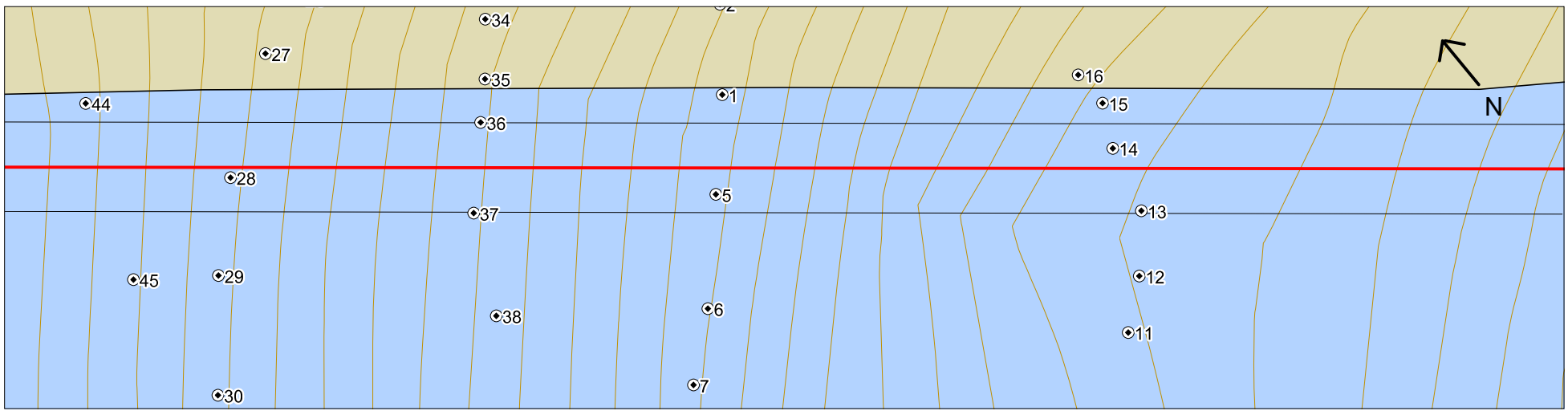
RACKLA GOLD PROJECT

0 100 m

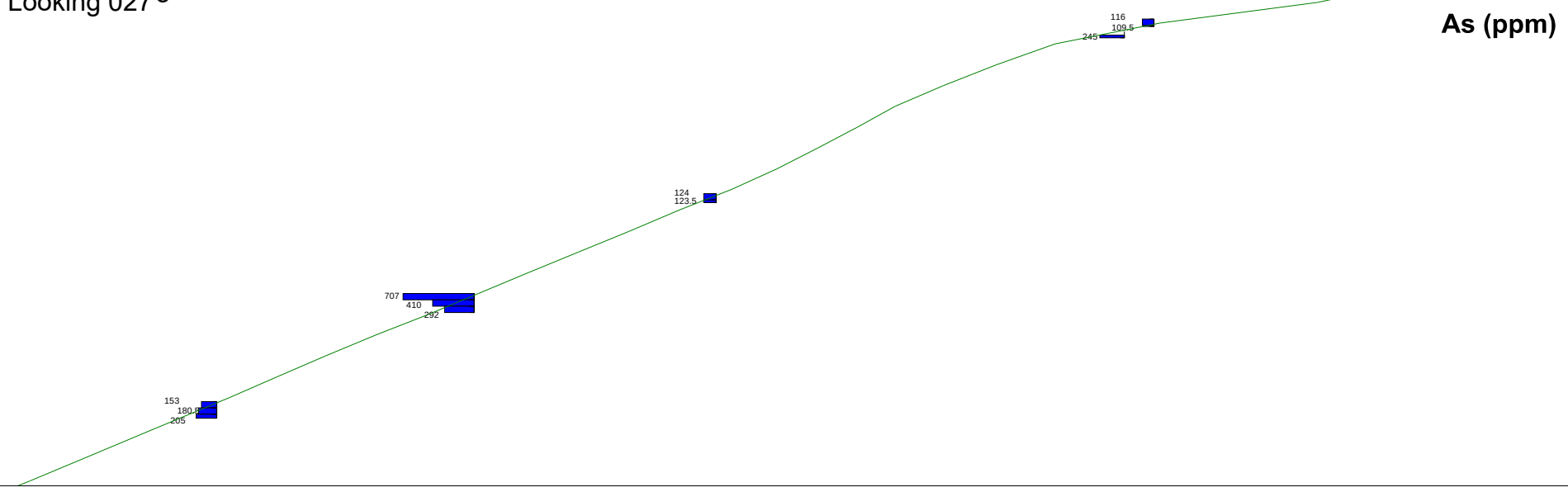
UTM Zone 8, NAD 83, 106C02, Contour interval 5m, Scale: 1: 2,000

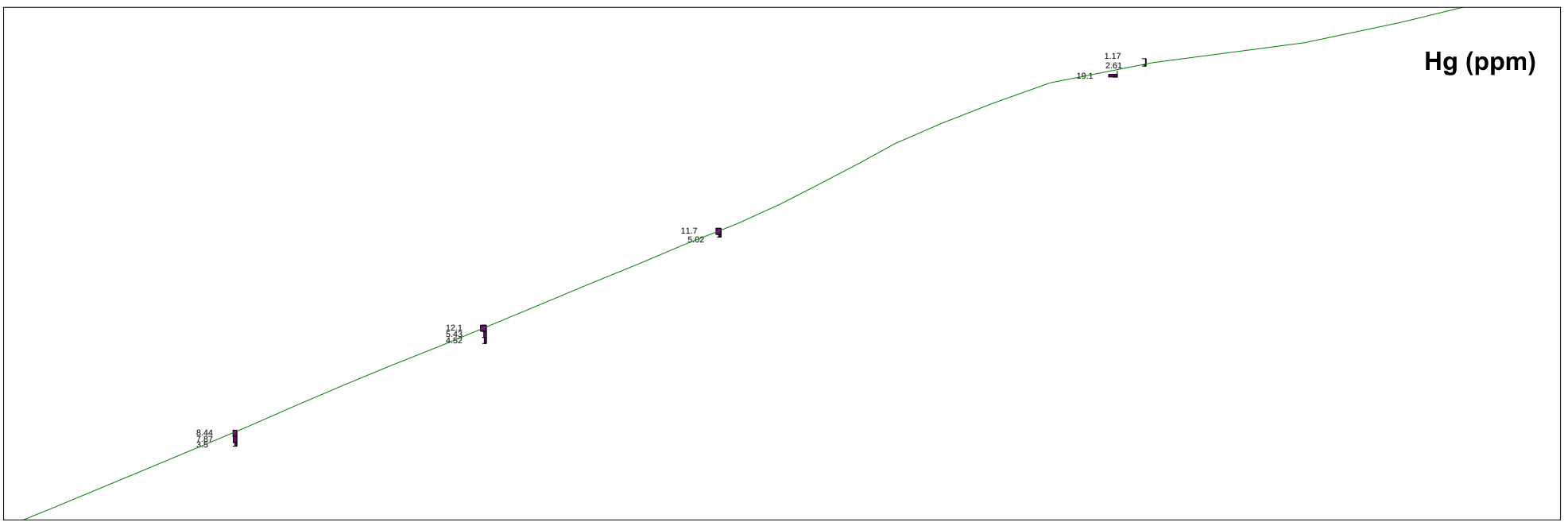
FILE: F_30_Auguer_drill_holes

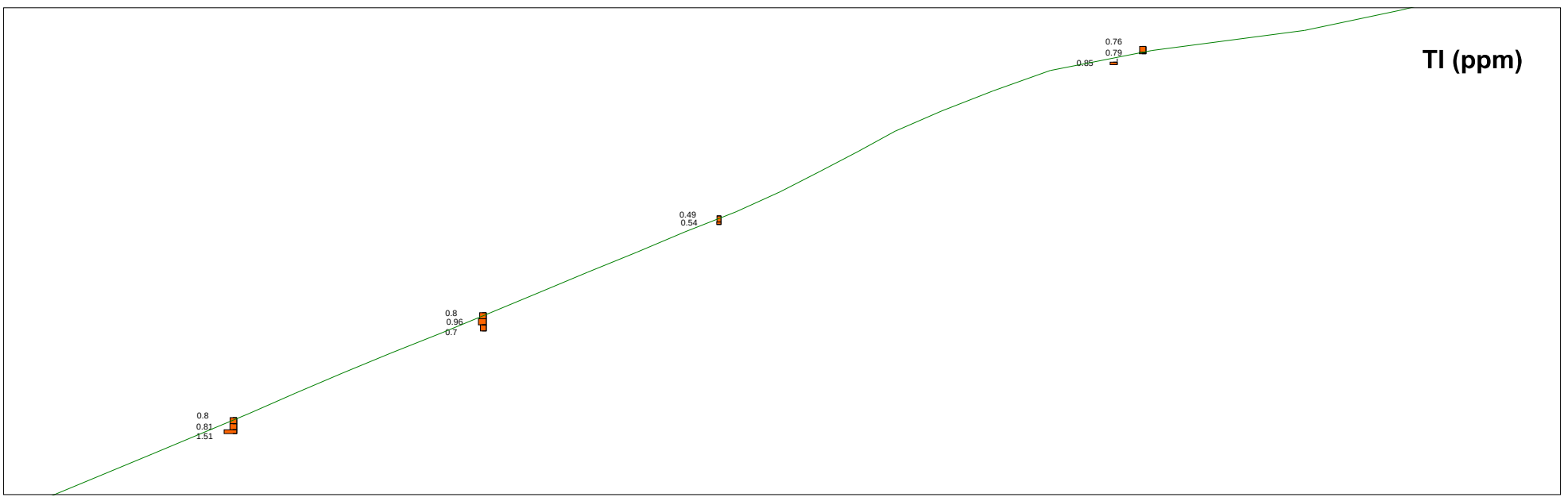
DATE: MAY 2015

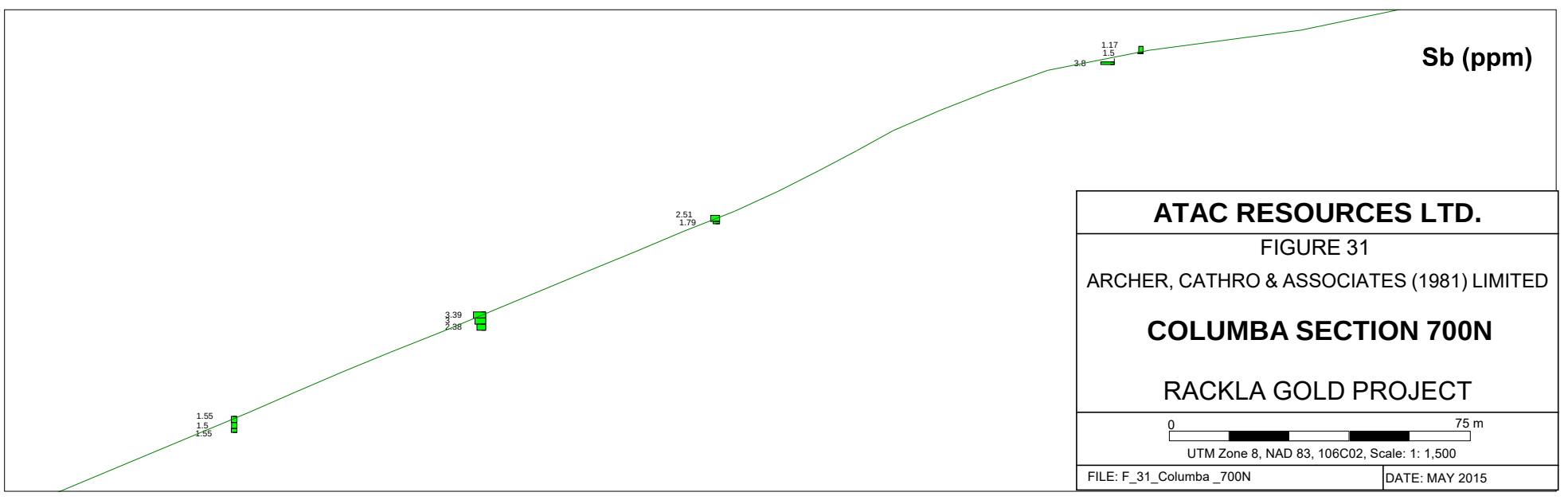


Looking 027°

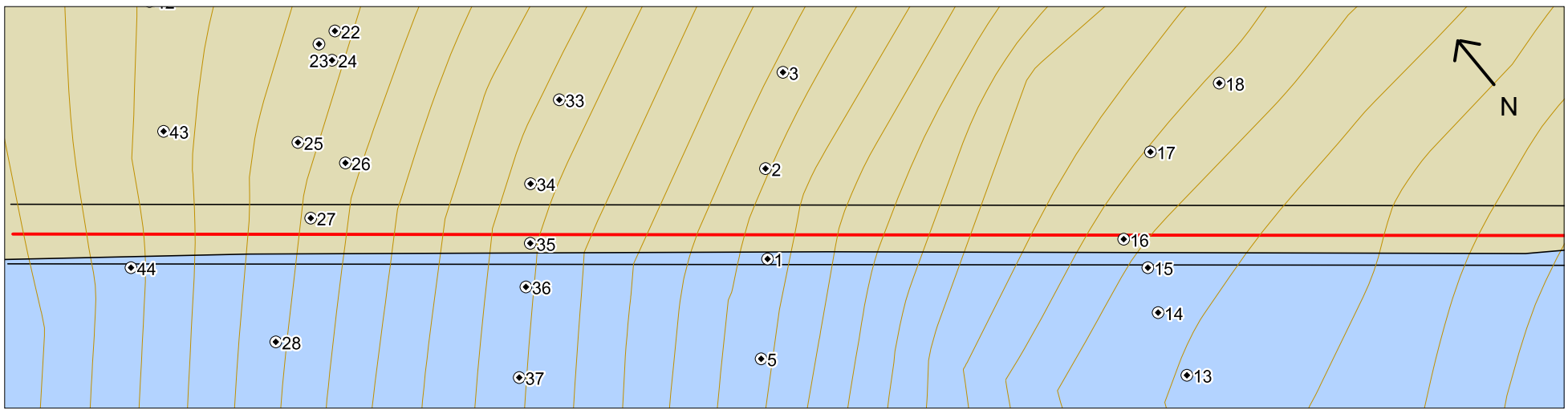


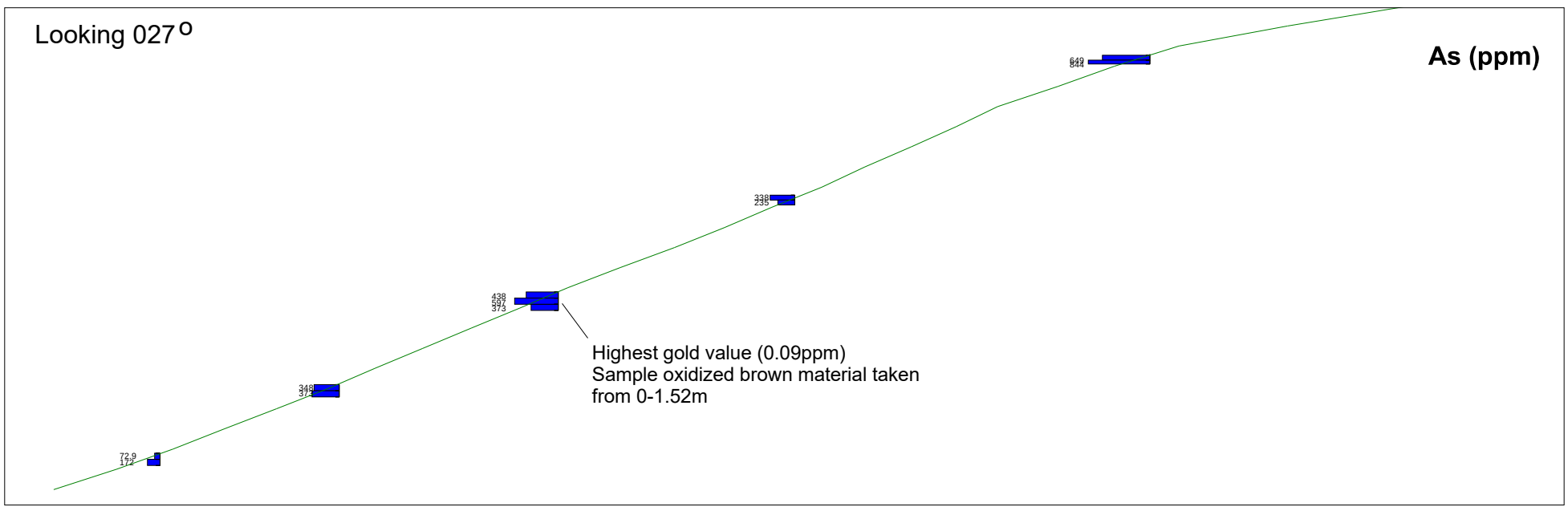


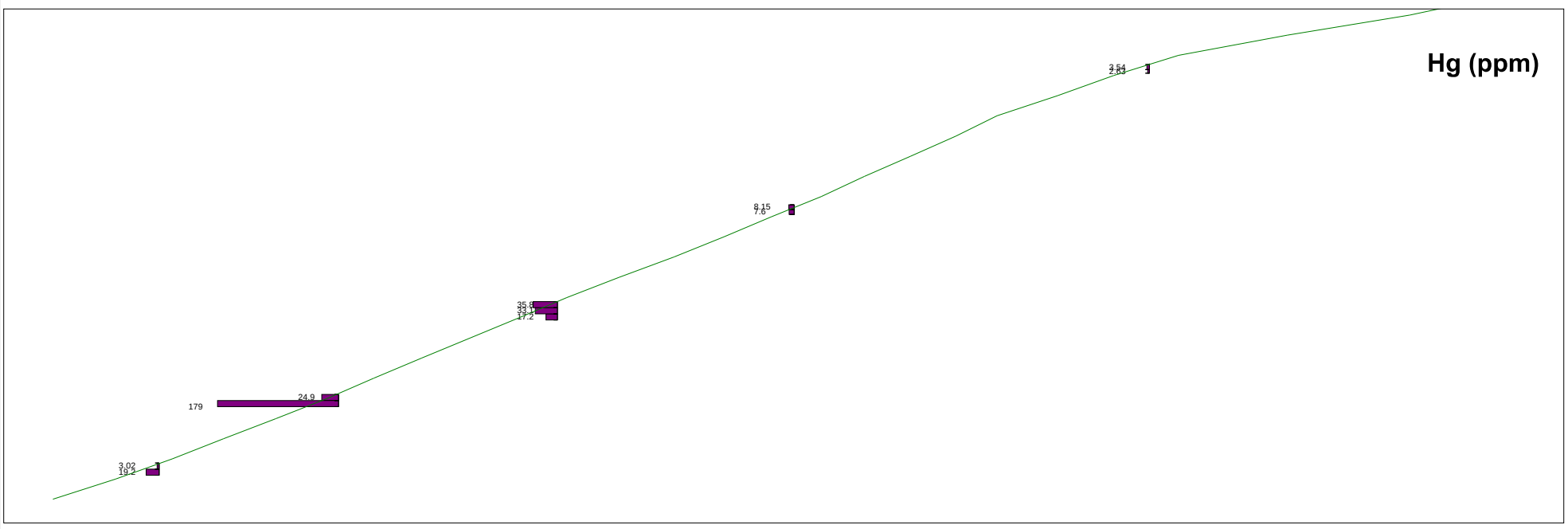


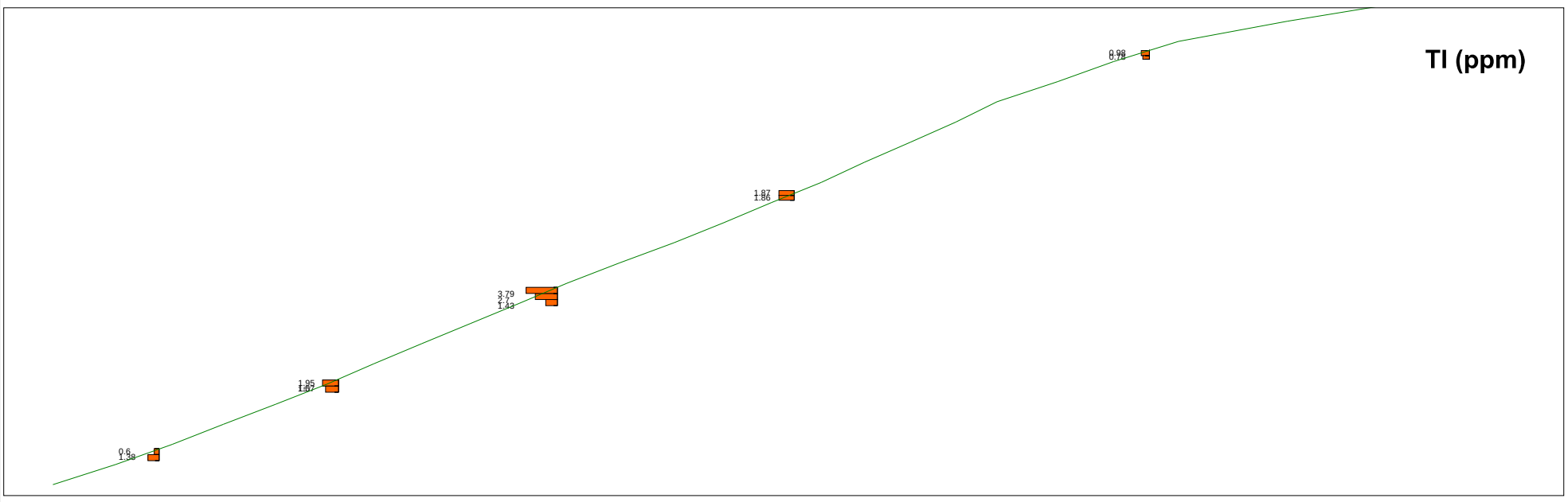


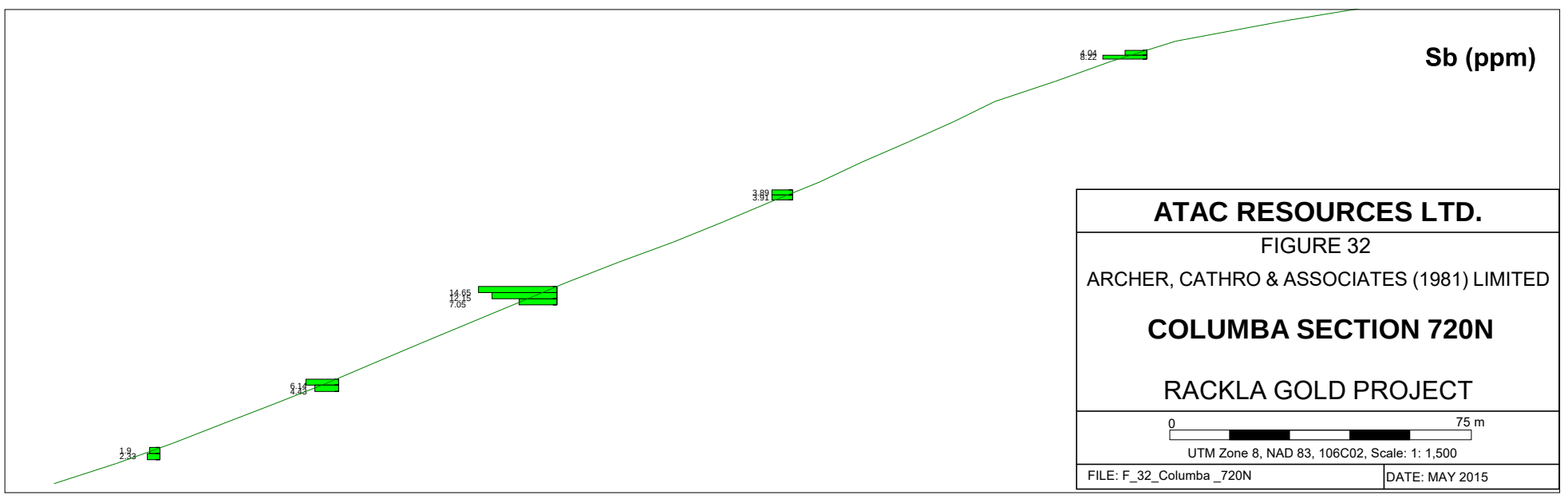
ATAC RESOURCES LTD.	
FIGURE 31	
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
COLUMBA SECTION 700N	
RACKLA GOLD PROJECT	
0 — 75 m	
UTM Zone 8, NAD 83, 106C02, Scale: 1: 1,500	
FILE: F_31_Columba _700N	DATE: MAY 2015



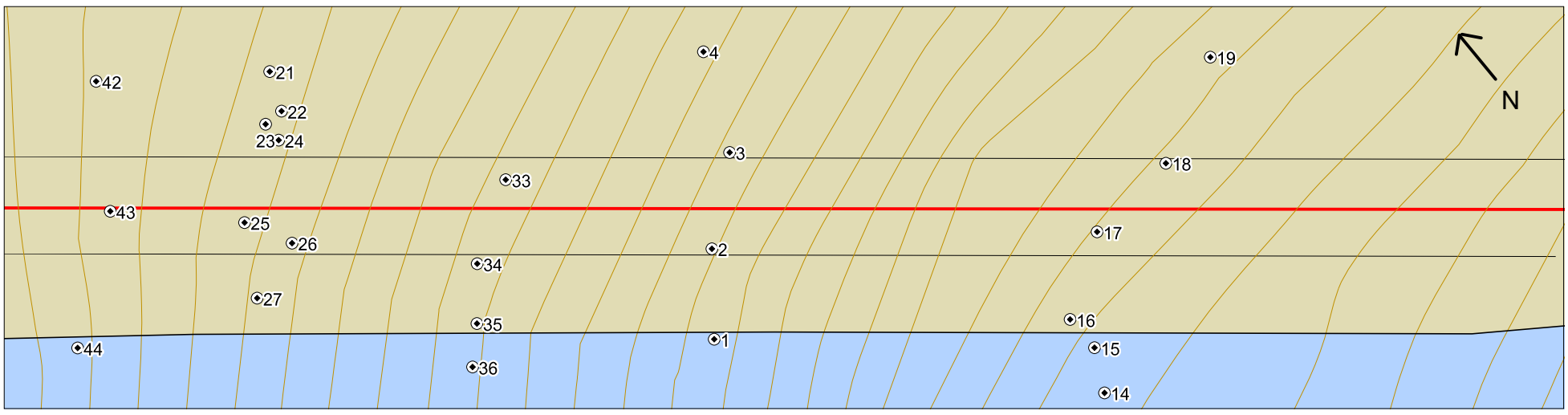






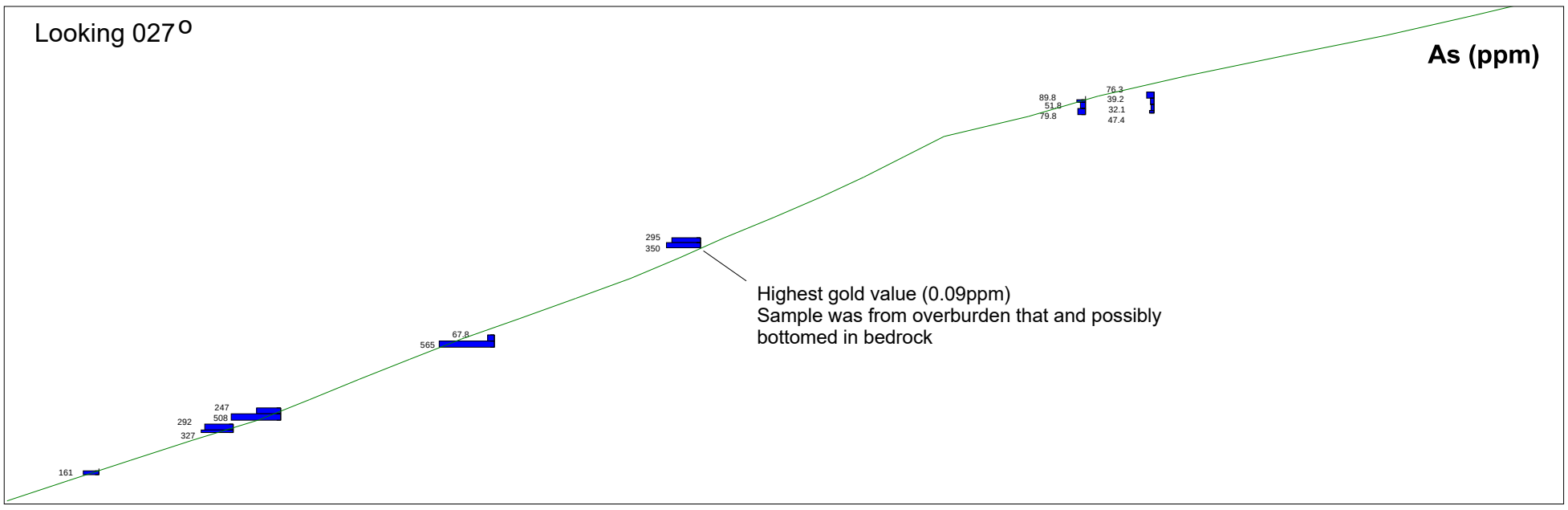


ATAC RESOURCES LTD.	
FIGURE 32	
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
COLUMBA SECTION 720N	
RACKLA GOLD PROJECT	
0 — 75 m	
UTM Zone 8, NAD 83, 106C02, Scale: 1: 1,500	
FILE: F_32_Columba _720N	DATE: MAY 2015

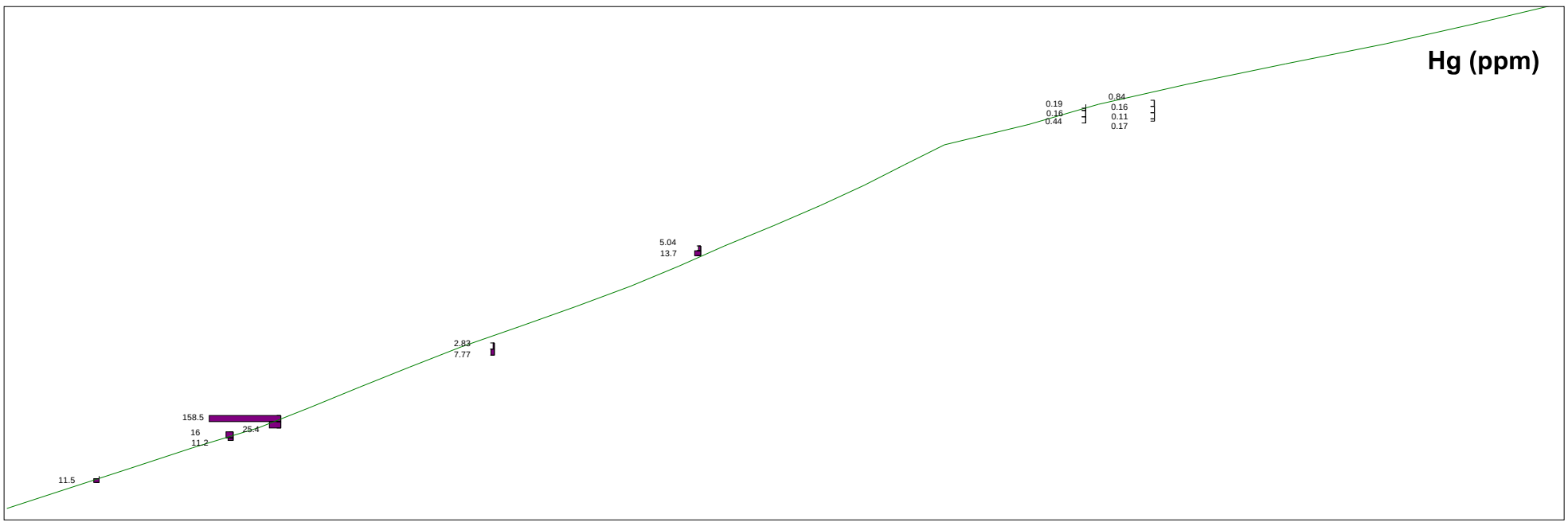


Looking 027°

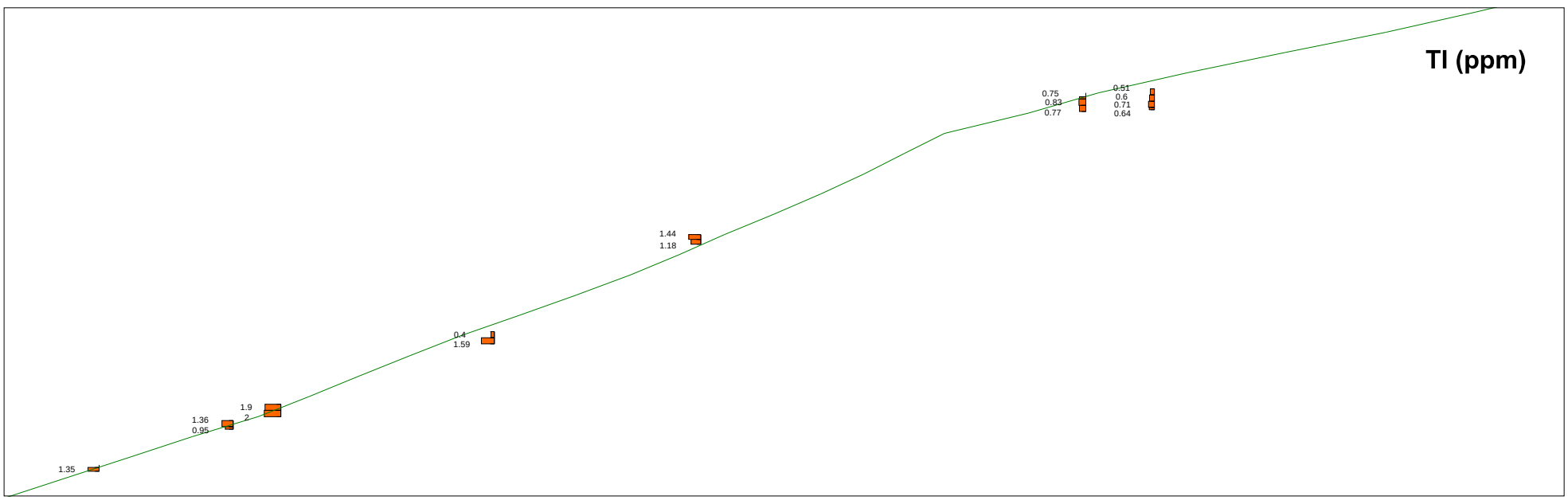
As (ppm)



Hg (ppm)



Tl (ppm)



Sb (ppm)

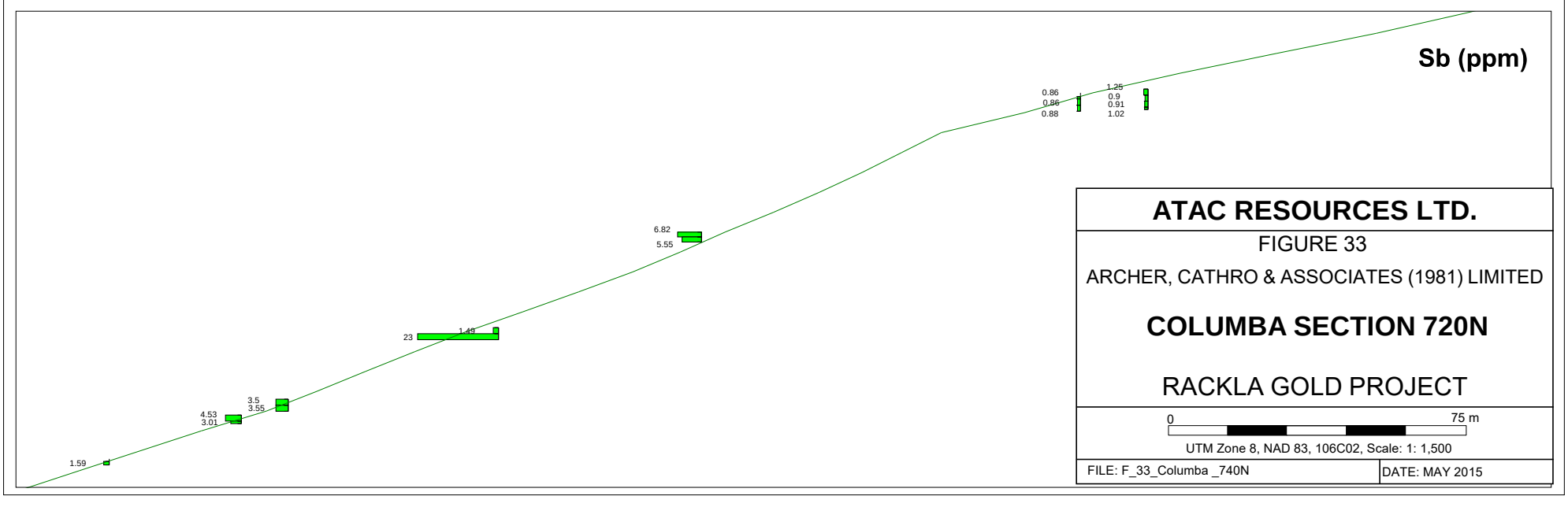


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FIGURE 33

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

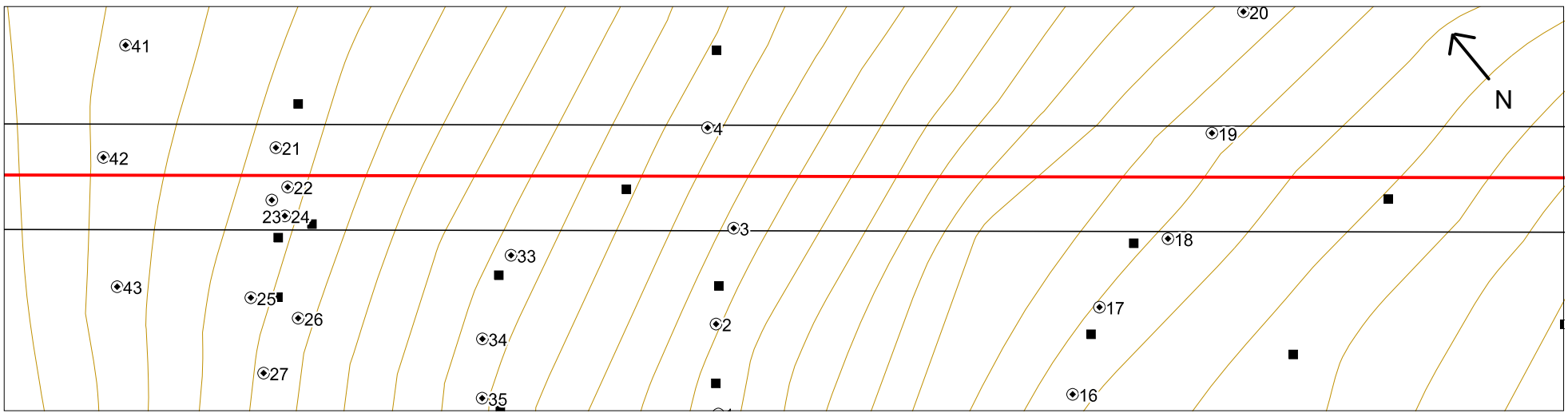
COLUMBA SECTION 720N

RACKLA GOLD PROJECT

0 75 m

UTM Zone 8, NAD 83, 106C02, Scale: 1: 1,500

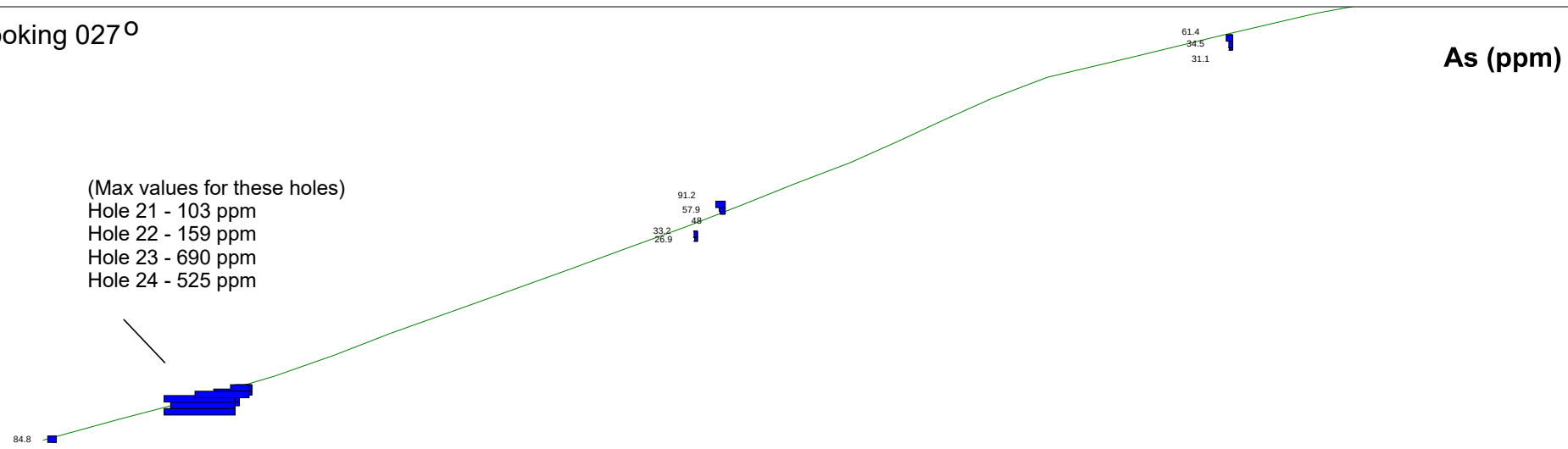
FILE: F_33_Columba _740N | DATE: MAY 2015



Looking 027°

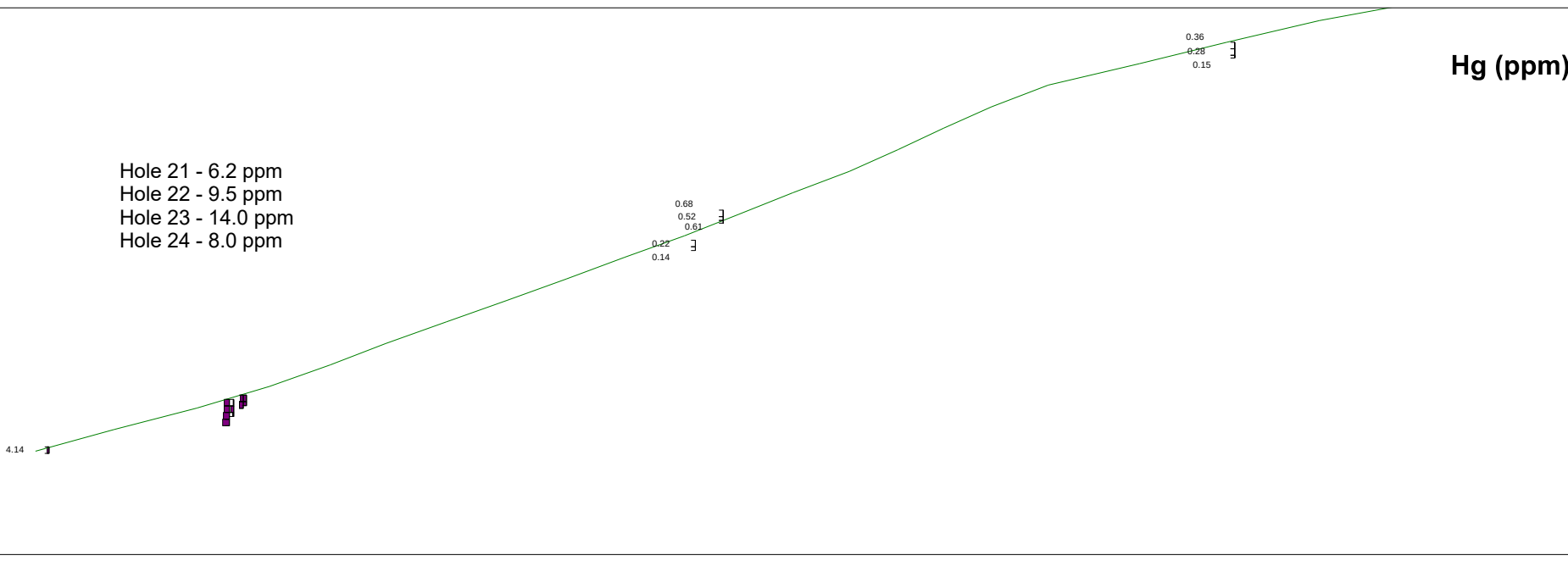
As (ppm)

(Max values for these holes)
Hole 21 - 103 ppm
Hole 22 - 159 ppm
Hole 23 - 690 ppm
Hole 24 - 525 ppm



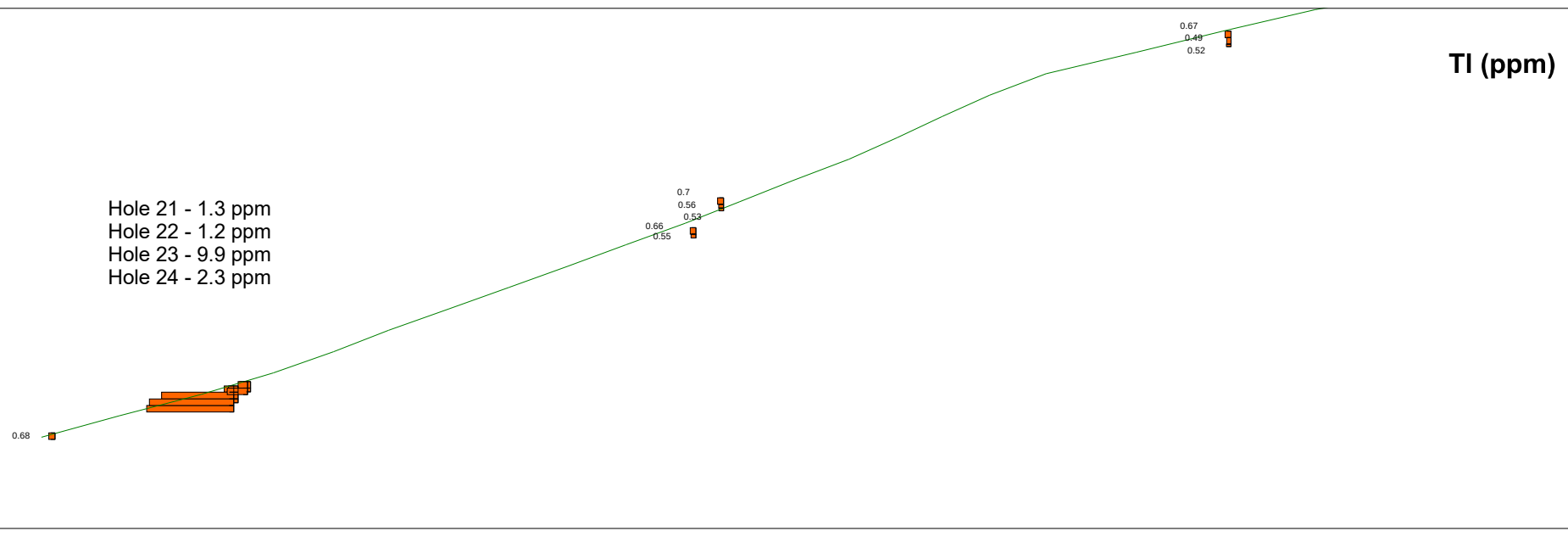
Hg (ppm)

Hole 21 - 6.2 ppm
Hole 22 - 9.5 ppm
Hole 23 - 14.0 ppm
Hole 24 - 8.0 ppm



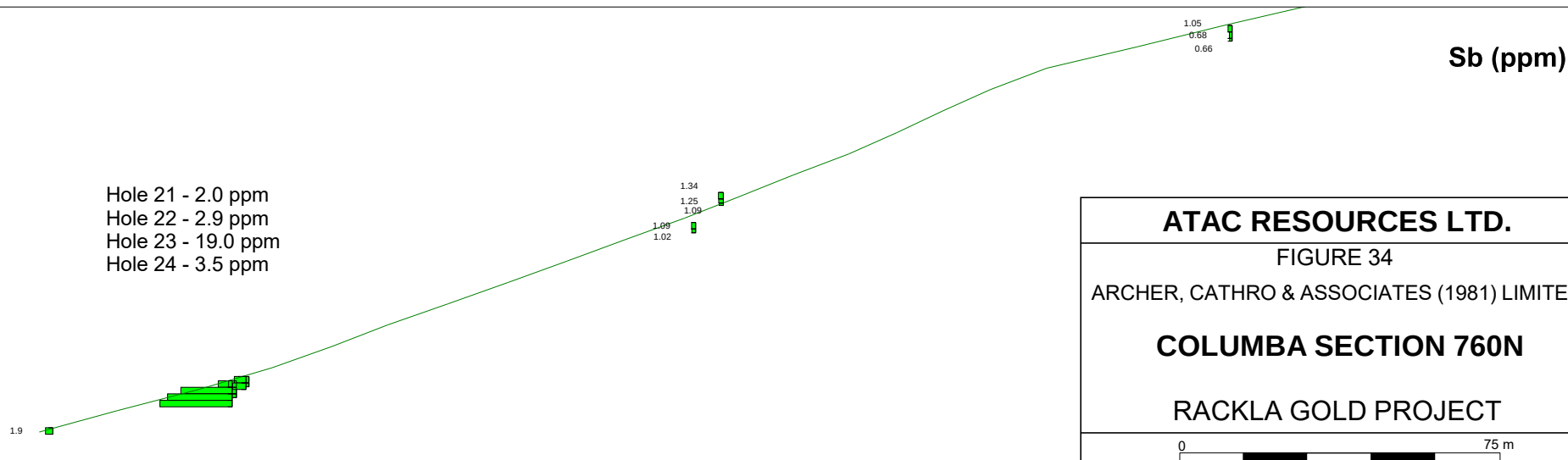
Tl (ppm)

Hole 21 - 1.3 ppm
Hole 22 - 1.2 ppm
Hole 23 - 9.9 ppm
Hole 24 - 2.3 ppm



Sb (ppm)

Hole 21 - 2.0 ppm
Hole 22 - 2.9 ppm
Hole 23 - 19.0 ppm
Hole 24 - 3.5 ppm



ATAC RESOURCES LTD.

FIGURE 34

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COLUMBA SECTION 760N

RACKLA GOLD PROJECT

0 — 75 m

UTM Zone 8, NAD 83, 106C02, Scale: 1: 1,500

FILE: F_34_Columba _760N | DATE: MAY 2015

630,000 mE

630,500 mE

631,000 mE

7,112,500 mN

T.N.

2.47°

23.0°

Grid north

Magnetic north

Annual change decreasing 27.1'

Mapsheet 106C/01

1,420

1,410

1,400

1,480

1,490

1,500

OS-14-229

OS-12-230

OS-14-227

OS-14-228

Section C400E (Figure 38)

Section C450E (Figure 39)

OS-XX-XXX - Diamond drill hole filed for assement in 2014

2010-2012 - Diamond drill hole

ATAC RESOURCES LIMITED

FIGURE 35

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CONRAD DRILL HOLE LOCATIONS

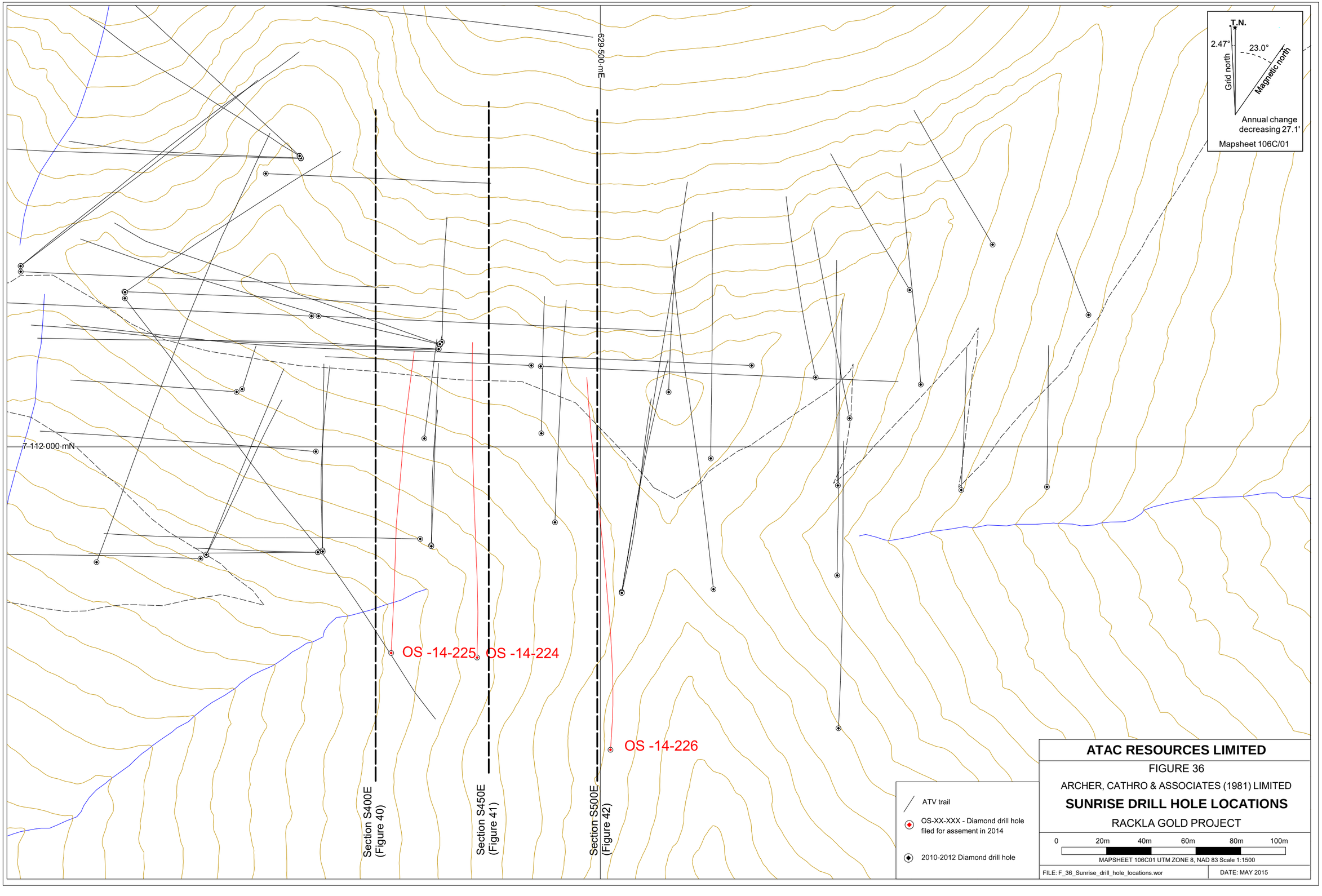
RACKLA GOLD PROJECT

0 40m 80m 120m 160m 200m

MAPSHEET 106C01 UTM ZONE 8, NAD 83 Scale 1:3000

FILE: F_35_Conrad_drill_hole_locations.wor

DATE: MAY 2015


629 500 mE
7 112 000 mN
OS -14-225
OS -14-224
OS -14-226
Section S400E
(Figure 40)
Section S450E
(Figure 41)
Section S500E
(Figure 42)
T.N.
2.47°
23.0°
Grid north
Magnetic north
Annual change
decreasing 27.1'
Mapsheet 106C/01
ATV trail
OS-XX-XXX - Diamond drill hole
filed for assement in 2014
2010-2012 Diamond drill hole
ATAC RESOURCES LIMITED
FIGURE 36
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SUNRISE DRILL HOLE LOCATIONS
RACKLA GOLD PROJECT
0
20m
40m
60m
80m
100m
MAPSHEET 106C01 UTM ZONE 8, NAD 83 Scale 1:1500
FILE: F_36_Sunrise_drill_hole_locations.wor
DATE: MAY 2015

7,113,500 mN

7,113,000 mN

618,500 mE

619,000 mE

AN -12-006

AN -12-004
AN -12-005

AN -12-001
AN -12-002
AN -14-007
AN -14-008

AN -12-003

AN -14-009

Section An_Central
(Figure 45)

Section An_Central_aE
(Figure 43)

Section An_Central_aW
(Figure 44)

T.N.
2.02°
23.0°
Grid north
Magnetic north
Annual change
decreasing 26.9'
Mapsheet 106C/02

AN-XX-XXX - 2014 Diamond drill hole

AN-XX-XXX - 2012 Diamond drill hole

ATAC RESOURCES LIMITED

FIGURE 37

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ANUBIS DRILL HOLE LOCATIONS

RACKLA GOLD PROJECT

0 40m 80m 120m 160m 200m

MAPSHEET 106C01 UTM ZONE 8, NAD 83 Scale 1:3000

FILE: F_37_Anubis_drill_hole_locations.wor

DATE: MAY 2015

C400E

50 metres

Looking West (270°)

7,111,950 mE | 7,112,000 mE | 7,112,050 mE | 7,112,100 mE | 7,112,150 mE | 7,112,200 mE | 7,112,250 mE | 7,112,300 mE | 7,112,350 mE | 7,112,400 mE | 7,112,450 mE | 7,112,500 mE | 7,112,550 mE | 7,112,600 mE | 7,112,650 mE | 7,112,700 mE | 7,112,750 mE

1,500 mN | 1,450 mN | 1,400 mN | 1,350 mN | 1,300 mN | 1,250 mN | 1,200 mN | 1,150 mN | 1,100 mN | 1,050 mN | 1,000 mN | 950 mN | 900 mN | 850 mN | 800 mN | 750 mN

10.10 g/t / 40.30m
407 g x m

1.86 g/t / 10.17m
19 g x m

2.36 g/t / 10.67m
25 g x m

18.44 g/t / 42.93m
792 g x m

2.12 g/t / 28.95m
61 g x m

3.05 g/t / 73.15m
223 g x m

4.31 g/t / 38.10m
165 g x m

3.20 g/t / 21.34m
68 g x m

6.19 g/t / 42.68m
264 g x m

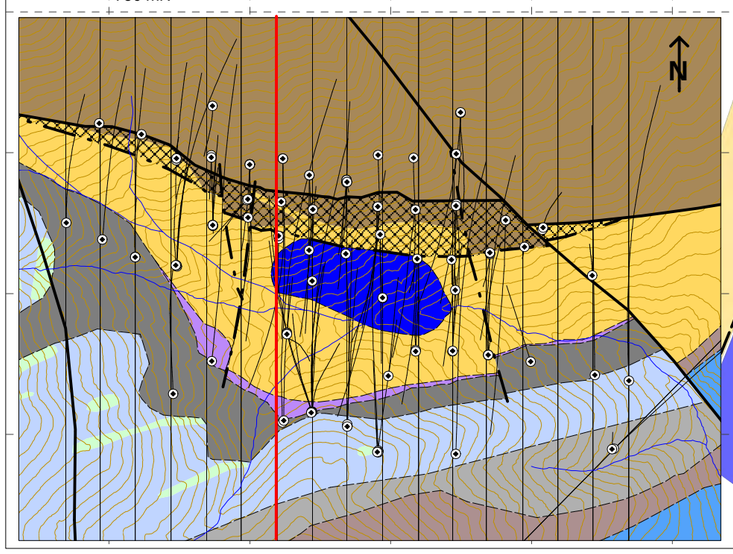
3.72 g/t / 8.25m
31 g x m

6.56 g/t / 3.05m
20 g x m

8.06 g/t / 21.30m
172 g x m

3.03 g/t / 42.67m
129 g x m

3.15 g/t / 21.71m
68 g x m



Conrad Lithology Legend

NFZ	Cataclasite Fault Rock
C-INT	Mafic to Intermediate Intrusion
C-DMT	Carbonate Debrite
C-LST2	Black Crystalline Limestone
C-SHL	Black Shale
C-DST	Dolostone
C-SLC	Pyritic Siltstone and Quartz Grit
C-LST	Thin Bedded Silty Limestone
NONAD	Mudstone with minor Sandstone interlayers

Gold

Arsenic
Capped at 10,000 ppm

Hole enters section

Hole exits section

ATAC Resources Ltd.

ARCHER CATHRO
EXPLORING SINCE 1965

ATAC RESOURCES LIMITED

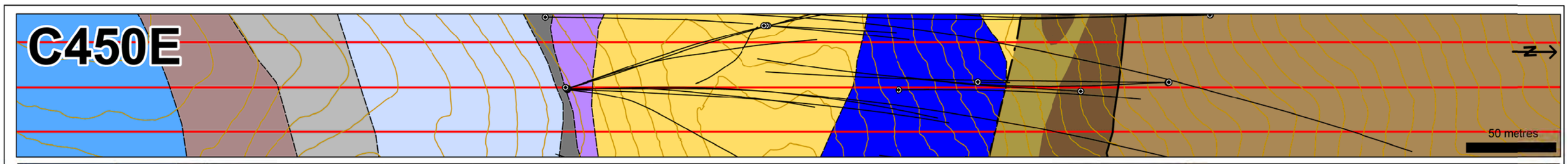
Figure 38
Archer, Cathro & Associates (1981) Limited

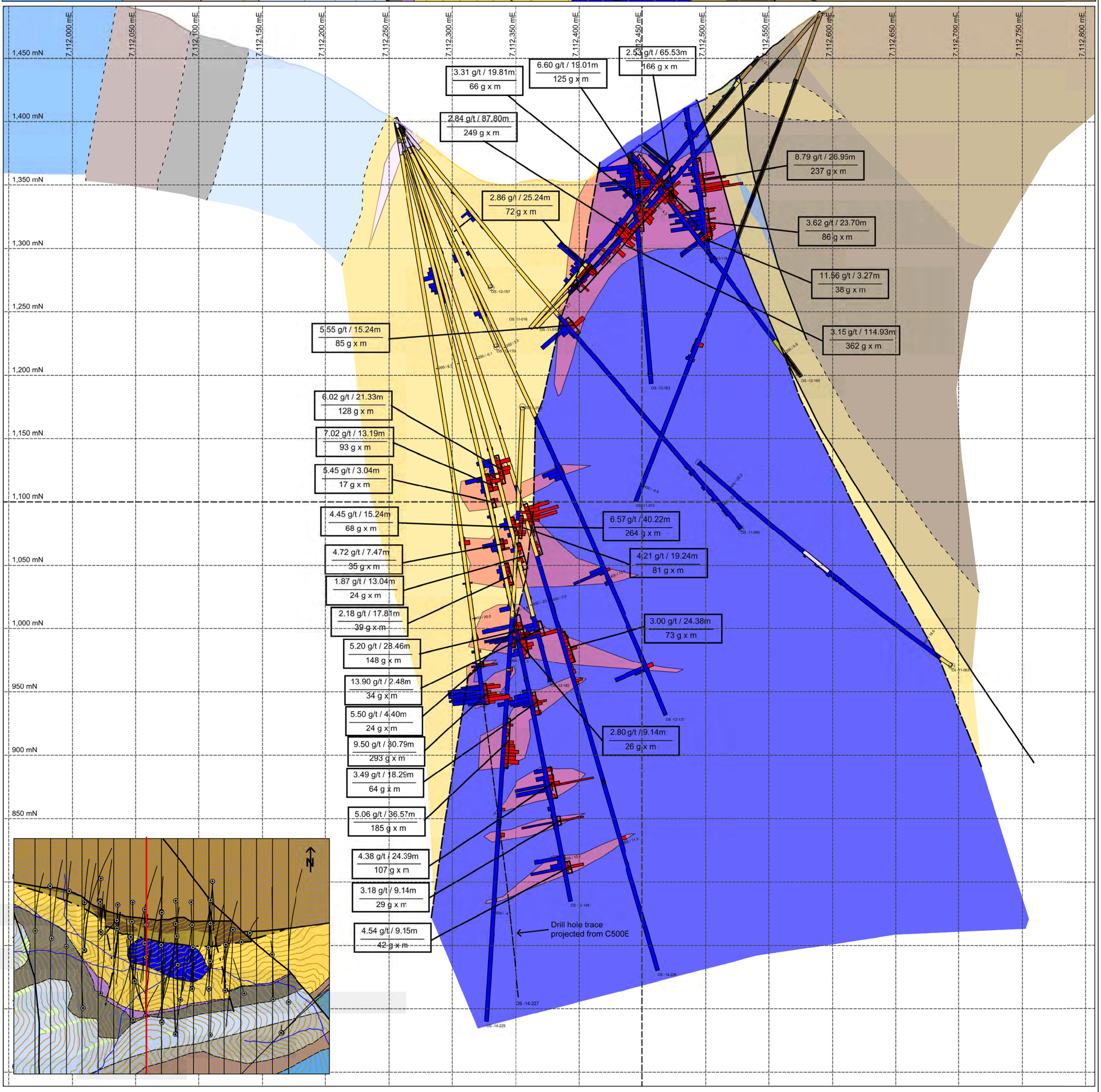
CONRAD SECTION 400E
Rackla Gold Project

0m | 25 m | 50 m | 75 m | 100 m
Scale 1:2,000

FILE:F_38_C400E.wor | May 2015

C450E





Conrad Lithology Legend

- Cataclasite Fault Rock
- C-INT — Mafic to Intermediate Intrusion
- C-DMT — Carbonate Debrite
- C-LST2 — Black Crystalline Limestone
- C-SHL — Black Shale
- C-DST — Dolostone
- C-SLC — Pyritic Siltstone and Quartz Grit
- C-LST — Thin Bedded Silty Limestone
- NONAD — Mudstone with minor Sandstone interlayers

- Gold
- Arsenic
  Capped at 10,000 ppm
- Hole enters section
- Hole exits section

ATAC Resources Ltd.

ARCHER CATHRO
EXPLORING SINCE 1965

ATAC RESOURCES LIMITED

Figure 39
Archer, Cathro & Associates (1981) Limited

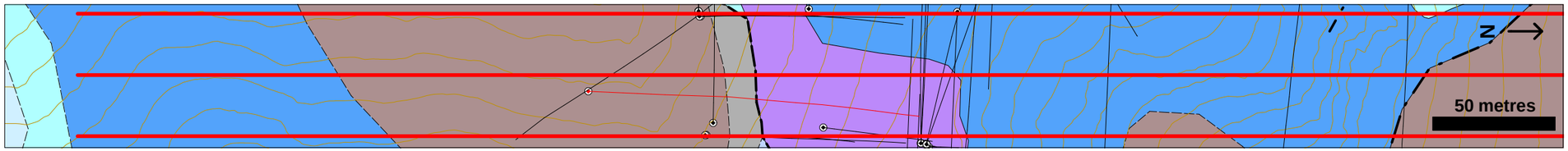
CONRAD SECTION 450E

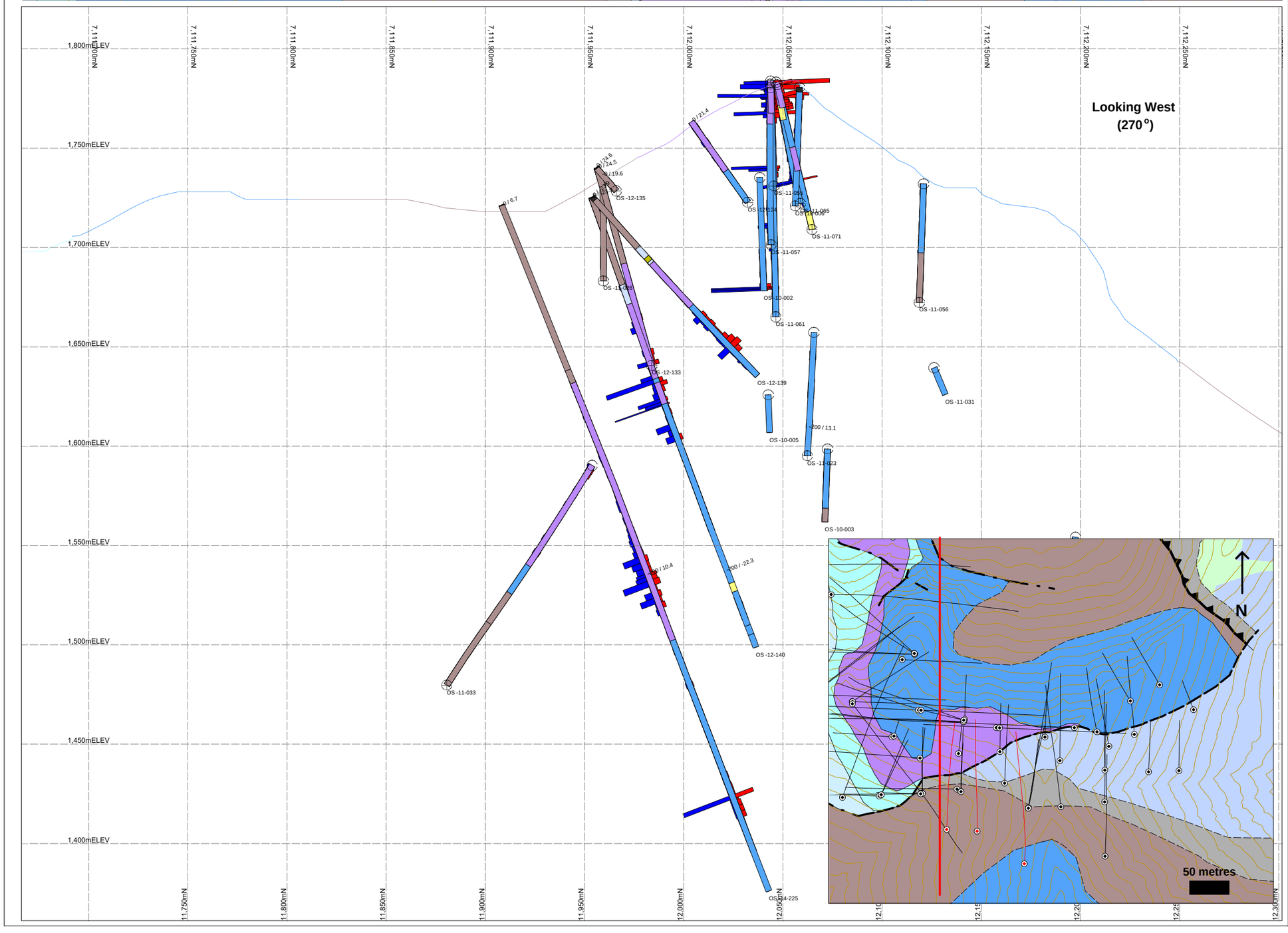
Rackla Gold Project

0m 25 m 50 m 75 m 100 m

Scale 1:2,000

FILE: F_39_C450E.wor | May 2015





ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 40

Archer Cathro and Associates (1981) Ltd.

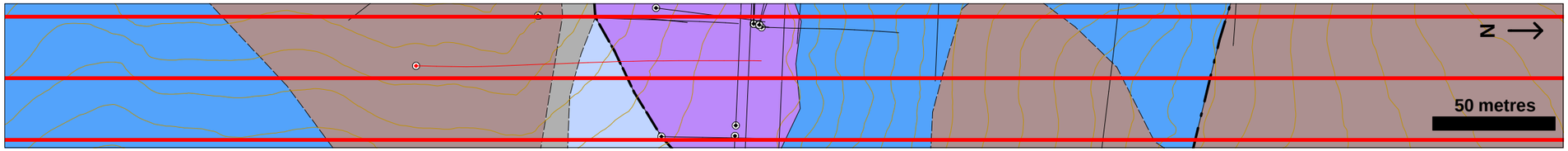
SUNRISE SECTION 400E

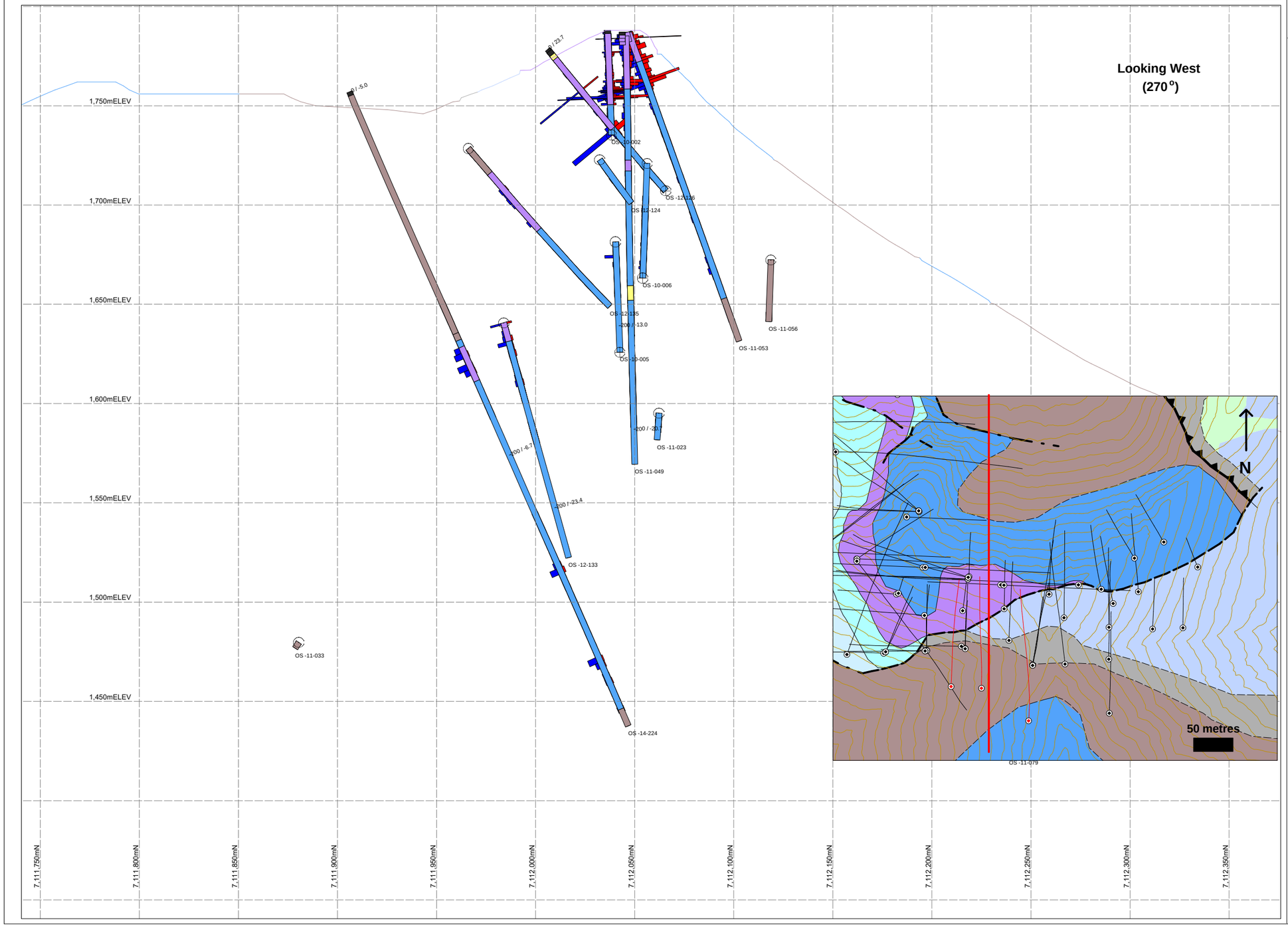
Rackla Gold Project

0m 20m 40m 60m 80m 100m

NAD 83 ZN 8 Scale 1:2000

F_40_S400E.wor | MAY 2015





ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 41

Archer Cathro and Associates (1981) Ltd.

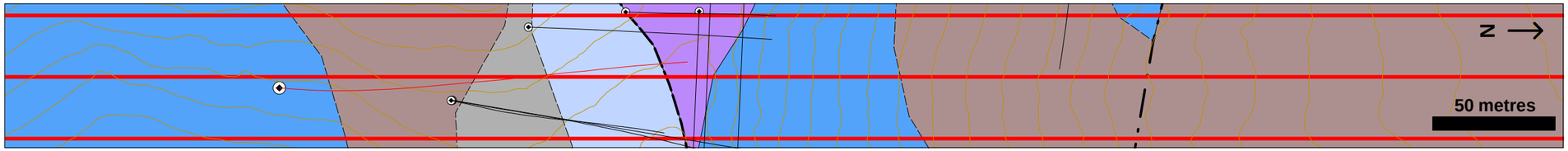
SUNRISE SECTION 450E

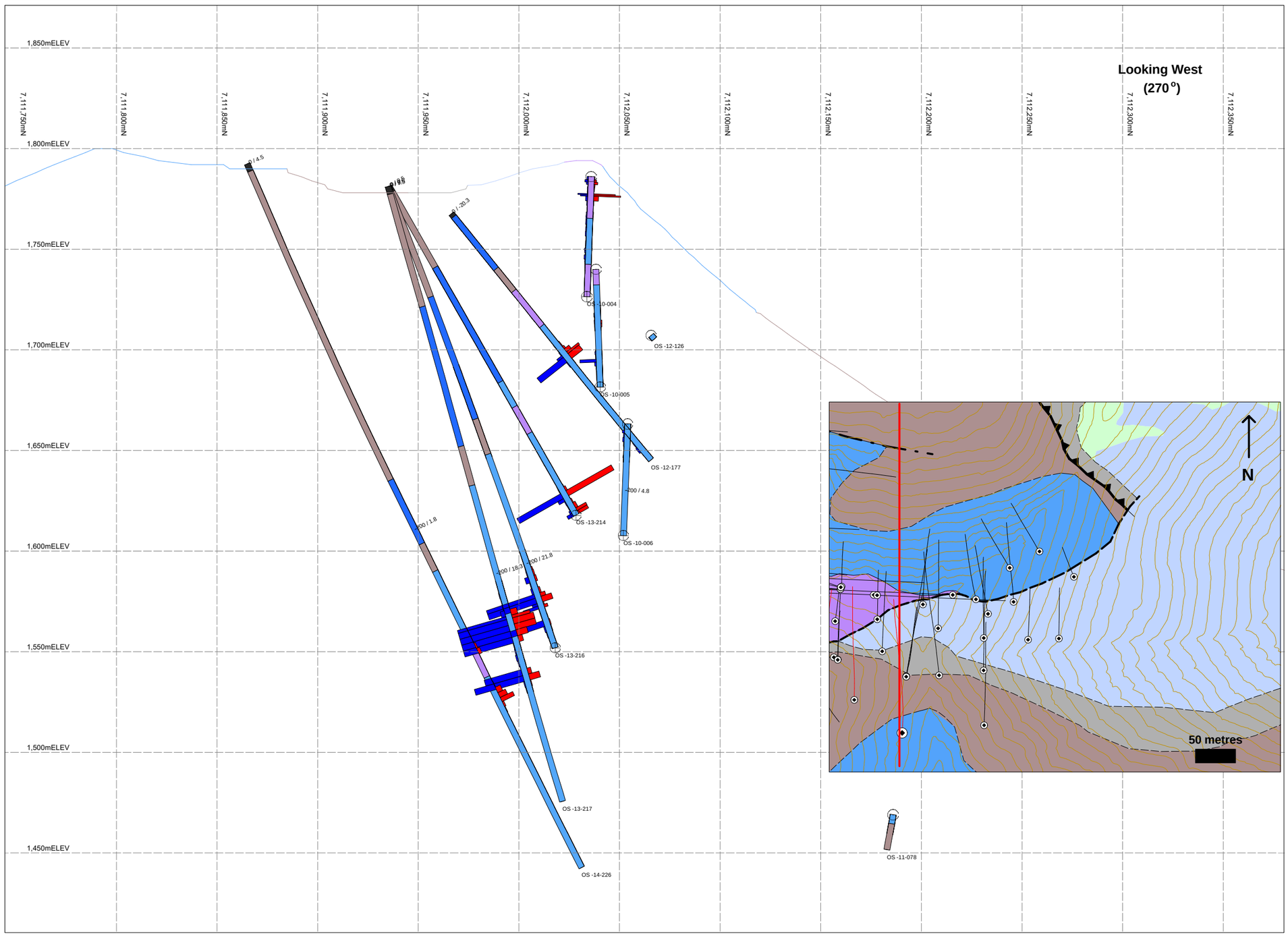
Rackla Gold Project

0m 20m 40m 60m 80m 100m

NAD 83 ZN 8 Scale 1:2000

FILE: F_41_S450E.wor | MAY 2015





ATAC Resources Ltd.

LEGEND

- Mafic to intermediate intrusion C-INT
- Dolostone
- Siltstone and shale O-SLT
- Gritty, platy weathering limestone O-LST2
- Debrite O-DMT Unsorted polymict conglomerate with clasts to boulder size
- Osiris Dolostone O-DST
- Osiris silty limestone O-LST1
- Maroon and green siltstone O-MST1
- Grey Shale
- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 42

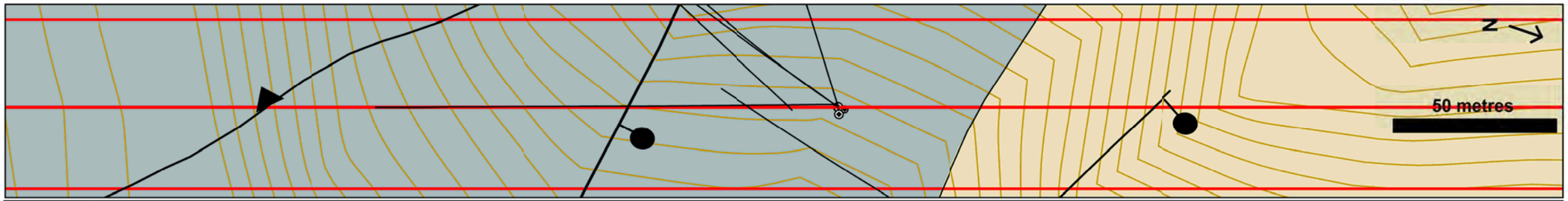
Archer Cathro and Associates (1981) Ltd.

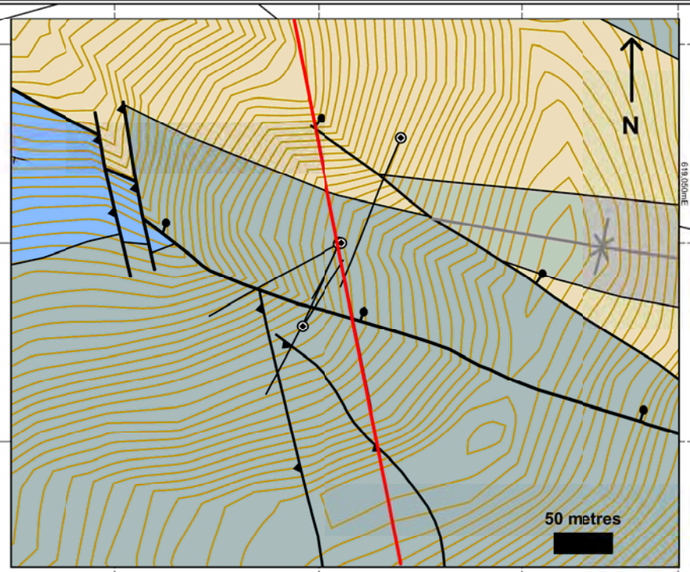
SUNRISE SECTION 500E
Rackla Gold Project

0m 20m 40m 60m 80m 100m

NAD 83 ZN 8 Scale 1:2000

F_42_S500E.wor | MAY 2015





Looking Southwest
(259 °)

1,550mRL
1,500mRL
1,450mRL
1,400mRL
1,350mRL
1,300mRL
1,250mRL

619,000mE
7,112,900mN
7,113,000mN
7,113,100mN
7,113,150mN
619,050mE
7,112,950mN
7,113,050mN
619,000mE
7,112,750mN
7,112,800mN
7,112,850mN
619,050mE
7,112,900mN
7,112,950mN
7,113,000mN
7,113,050mN
7,113,100mN
619,000mE
7,113,150mN

AN -14-007
AN -14-001
AN -12-002
AN -12-003
AN -14-008
AN -14-009
200 / 0.0
200 / 16.1

A-SLT1 - black variably calcareous siltstone with limestone interbeds

A-SLT2 - black generally non-calcareous siltstone with limestone interbeds (A-LST2)

AN-LST3 - Well bedded, light grey to tan coloured, variably crystalline lime micrte and fossiliferous packstones/wackestones

A-LST1 - Clastic, fossiliferous limestone

Gold 1 mm = 1 ppm

Arsenic 1 mm = 2000 ppm Capped at 50000 ppm

Gouge zone

Shear/strain zone

Fault zone

Hole enters section

Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 43

Archer Cathro and Associates (1981) Ltd.

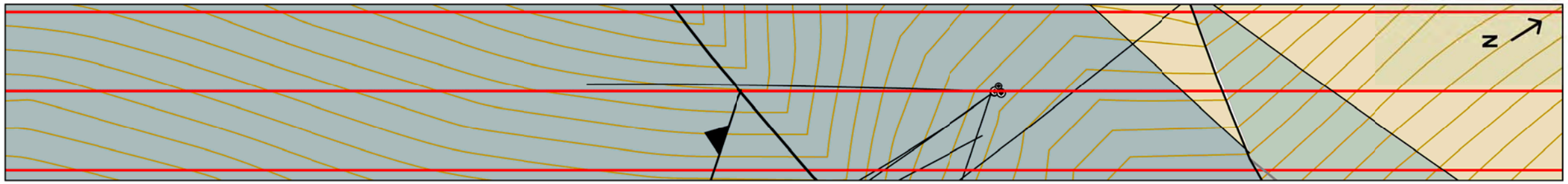
ANUSBIS SECTION AN_CENTRAL_aE

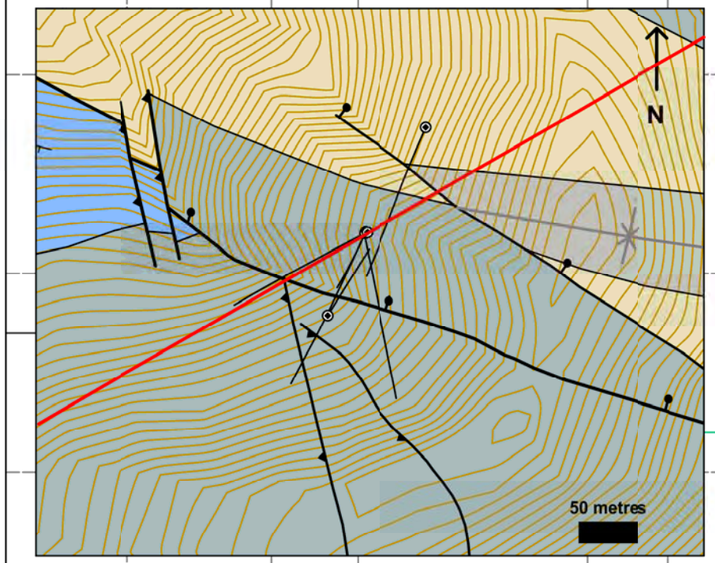
Rackla Gold Project

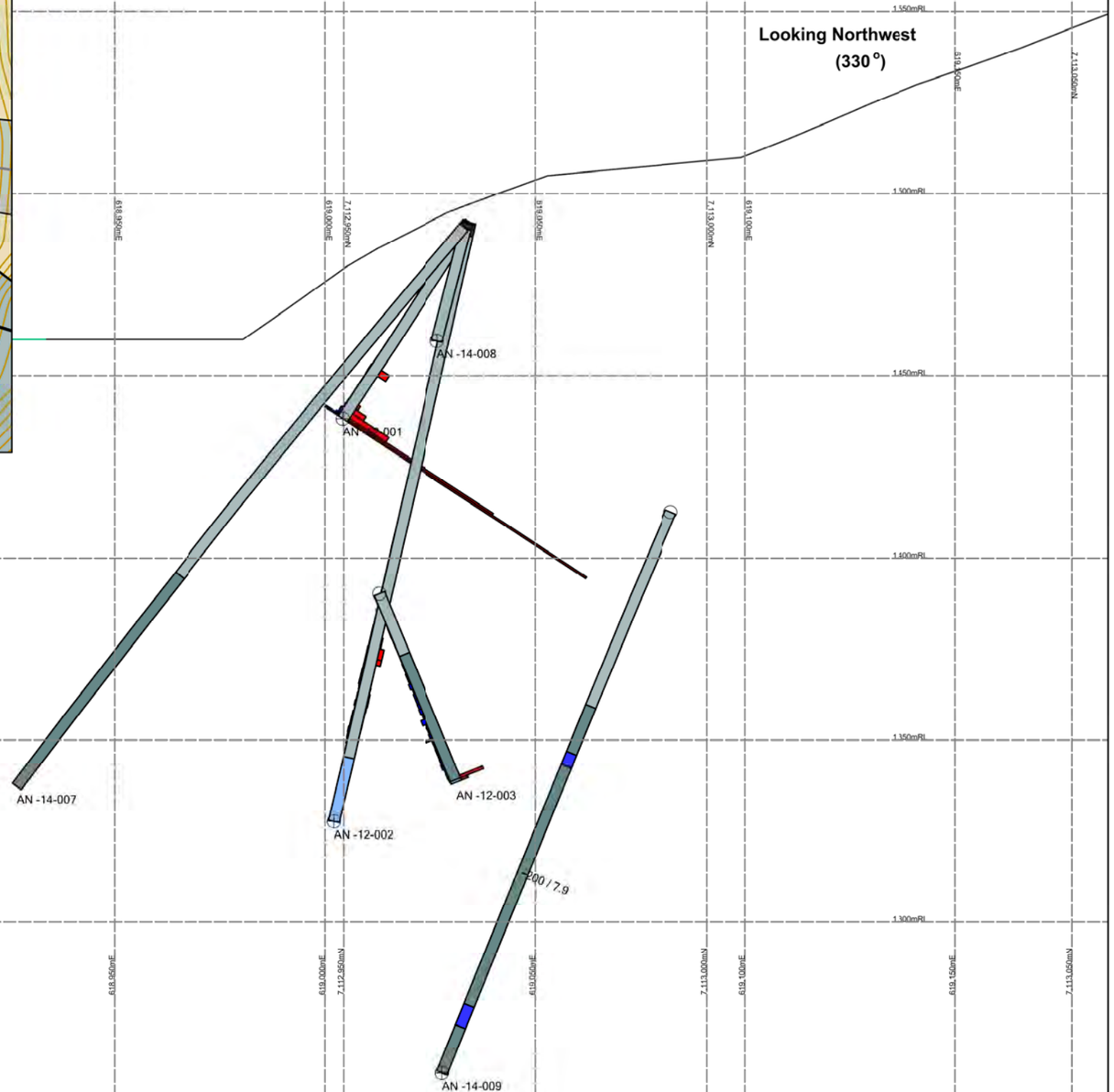
0 50 m

NAD 83 ZN 8 Scale 1:1500

FILE: F_43_AN_Central_Ae | MAY 2015







ATAC Resources Ltd.

- A-SLT1 - black variably calcareous siltstone with limestone interbeds
- A-SLT2 - black generally non-calcareous siltstone with limestone interbeds (A-LST2)
- AN-LST3 - Well bedded, light grey to tan coloured, variably crystalline lime micrite and fossiliferous packstones/wackestones
- A-LST1 - Clastic, fossiliferous limestone

- Gold 1 mm = 1 ppm
- Arsenic 1 mm = 2000 ppm Capped at 50000 ppm
- Gouge zone
- Shear/strain zone
- Fault zone
- Hole enters section
- Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 44

Archer Cathro and Associates (1981) Ltd.

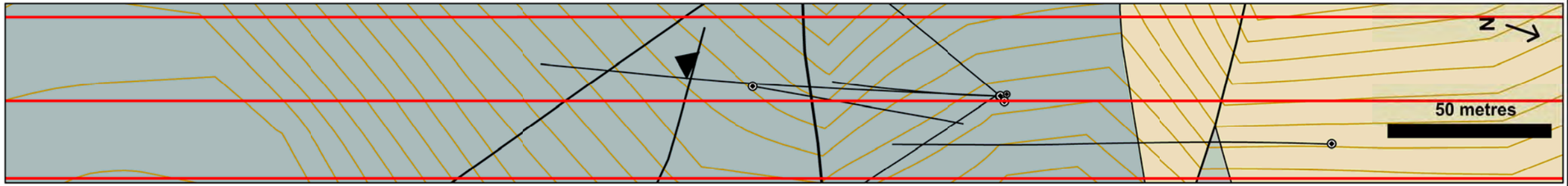
ANUSBIS SECTION AN_CENTRAL_aW

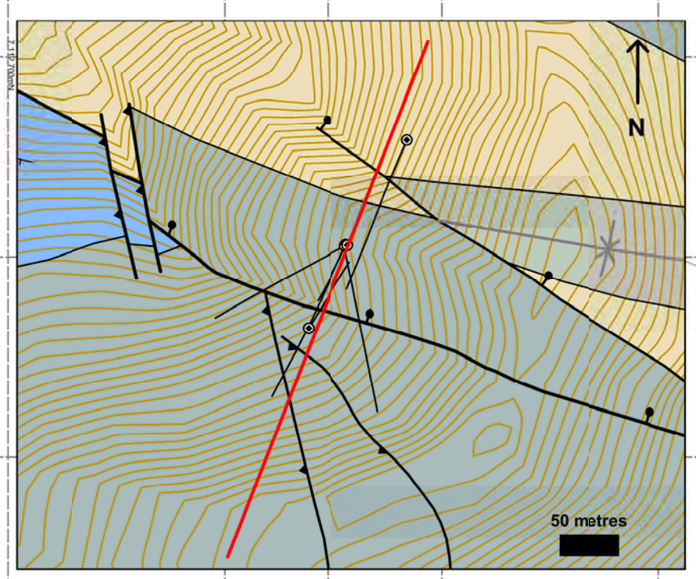
Rackla Gold Project

0 50 m

NAD 83 ZN 8 Scale 1:1500

FILE:F_44_An_Central_aW.wor | MAY 2015





Looking Northwest
(292°)

1,500mRL
1,450mRL
1,400mRL
1,350mRL
1,300mRL
1,250mRL

200 / -4.8
AN -12-001
AN -14-007
AN -14-008
AN -12-003
AN -12-002
200 / 15.6
AN -14-009

A-SLT1 - black variably calcareous siltstone with limestone interbeds

A-SLT2 - black generally non-calcareous siltstone with limestone interbeds (A-LST2)

AN-LST3 - Well bedded, light grey to tan coloured, variably crystalline lime micrte and fossiliferous packstones/wackestones

A-LST1 - Clastic, fossiliferous limestone

Gold 1 mm = 1 ppm

Arsenic 1 mm = 2000 ppm Capped at 50000 ppm

Gouge zone

Shear/strain zone

Fault zone

Hole enters section

Hole exits section

Section represents a 50 metre evelope

ATAC RESOURCES LIMITED

Figure 45

Archer Cathro and Associates (1981) Ltd.

ANUSBIS SECTION AN_Central

Rackla Gold Project

0 50 m

NAD 83 ZN 8 Scale 1:1500

FILE: F_45_AN_Central.wor | MAY 2015